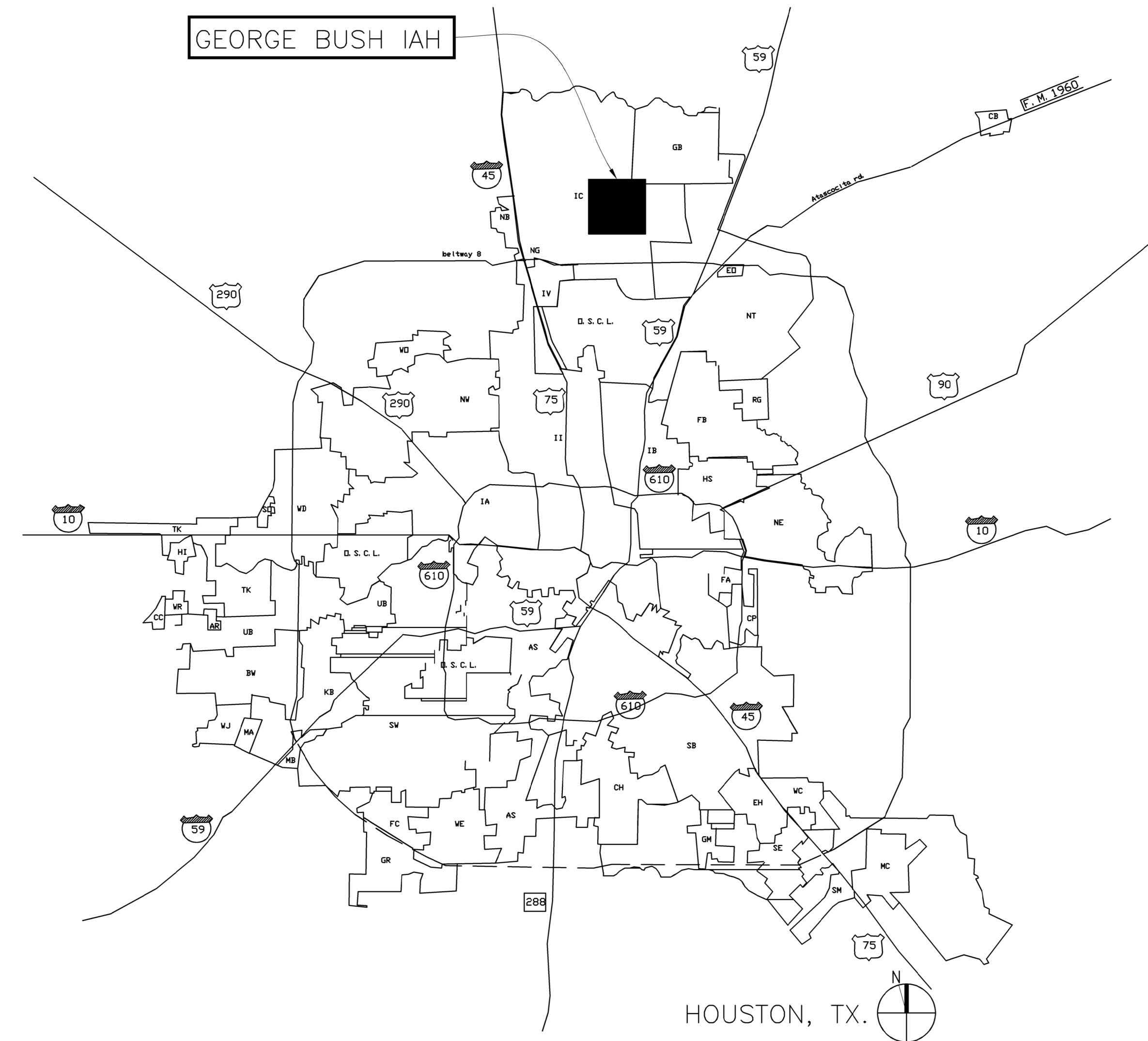




HOUSTON AIRPORT SYSTEM
**IAH TERMINAL A SIGNAGE & WAYFINDING
 PROJECT # 762A**

GEORGE BUSH IAH
 TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON, TX 77032

LOCATION MAP



ARCHITECT



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ELECTRICAL

VOLT AIR
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 Houston, TX 77056
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 [F] 713 968 9333
 www.pgal.com

PGAL TBPE REG. NO: F-2742

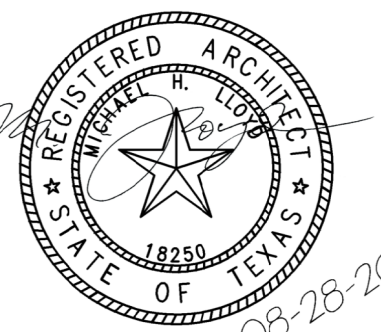
HAS DESIGN SIGN-OFF

HAS - PROJECT MANAGER
 DESIGN AS SUBMITTED IS APPROVED
 FOR CONSTRUCTION DOCUMENTATION

DEPARTMENT OF AVIATION
 RECOMMENDED:

HOUSTON AIRPORT SYSTEM
 DIRECTOR OR DESIGN REPRESENTATIVE
 HAS TIP # 2575 - IAH

REGISTRATION
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DRAWING HISTORY

No.	DESCRIPTION	DATE
1	100% CONSTRUCTION DOCUMENTS	08/28/20

PROJECT NUMBER
 1003770.00
 SHEET TITLE

COVER SHEET

SHEET NUMBER

G0.000

100% CONSTRUCTION DOCUMENTS
 AUGUST 28, 2020

PGAL PROJECT No. 1003770

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G0.001	SHEET INDEX	•
G0.002	GENERAL NOTES	•
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AD2.101B	DEMOLITION FLOOR PLAN - BAGGAGE LEVEL - AREA B	•
AD2.101C	DEMOLITION FLOOR PLAN - BAGGAGE LEVEL - AREA C	•
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AD2.102E	DEMOLITION FLOOR PLAN - BAGGAGE LEVEL - AREA E	•
AD2.201A	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA A	•
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AD2.201C	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA C	•
AD2.201D	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA D	•
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AD2.202I	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA I	•
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AD2.203K	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA K	•
AD2.203L	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA L	•
AD2.203M	DEMOLITION FLOOR PLAN - TICKETING LEVEL - AREA M	•
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1-6 - 1-7	1.3 GRAPHIC STANDARDS - TYPOGRAPHY (1 OF 2)	•
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A2.102E	FLOOR PLAN - BAGGAGE LEVEL - AREA E	•
A2.201A	FLOOR PLAN - TICKETING LEVEL - AREA A	•
A2.201B	FLOOR PLAN - TICKETING LEVEL - AREA B	•
A2.201C	FLOOR PLAN - TICKETING LEVEL - AREA C	•
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A2.202F	FLOOR PLAN - TICKETING LEVEL - AREA F	•
A2.202G	FLOOR PLAN - TICKETING LEVEL - AREA G	•
A2.202H	FLOOR PLAN - TICKETING LEVEL - AREA H	•
A2.202I	FLOOR PLAN - TICKETING LEVEL - AREA I	•
A2.203J	FLOOR PLAN - TICKETING LEVEL - AREA J	•
A2.203K	FLOOR PLAN - TICKETING LEVEL - AREA K	•
A2.203L	FLOOR PLAN - TICKETING LEVEL - AREA L	•
A2.203M	FLOOR PLAN - TICKETING LEVEL - AREA M	•
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E6.001	ELECTRICAL PANEL SCHEDULES	•
E6.002	ELECTRICAL PANEL SCHEDULES AND RISER DIAGRAMS	•

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HAS REPRESENTATIVE

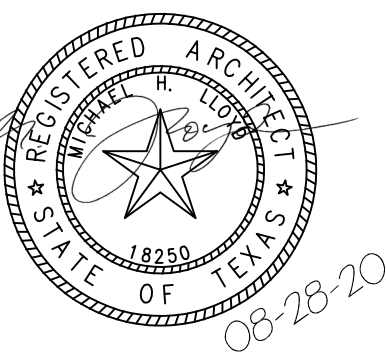
DEPARTMENT OF AVIATION RECOMMENDED:	HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE	DATE:	HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

REGISTRATION

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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

SHEET INDEX

SHEET NUMBER

G0.001



HAS AVIATION DEPT.
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77032

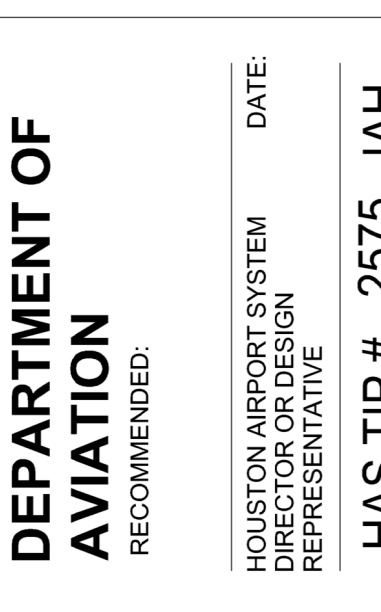
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HAS REPRESENTATIVE



PROJECT NAME

HOUSTON
AIRPORT SYSTEM
TERMINAL A SIGNAGE
& WAYFINDING

REGISTRATION

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PROJECT LOCATION

IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

G0.002

PATCHING, REPAIR & FINISH WORK

1. THE GENERAL CONTRACTOR SHALL INCLUDE ALL X-RAY AND CORE DRILL COSTS. THE GENERAL CONTRACTOR SHALL REVIEW AND COORDINATE THE SIZE AND LOCATION OF ALL SLAB OPENINGS WITH ALL RELATED DISCIPLINES. THE GENERAL CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CORE DRILLING AND SLAB OPENINGS TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK.
2. PATCH, REPAIR, AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ALL NEW PENETRATIONS AS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION.
3. SLAB PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN FIRE RATING. USING MATERIALS AND METHODS APPROVED BY THE AUTHORITY HAVING JURISDICTION. EXPANSION MATERIAL SHALL BE APPROVED BY THE ARCHITECT.
4. ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS, OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS FROM THE BUILDING CREATED BY THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. TRASH IS NOT PERMITTED TO BE BURNED ON SITE.
5. ALL ABANDONED AND MISCELLANEOUS NAILS, HANGERS, STAPLES, WIRES, CONDUITS AND DEBRIS SHALL BE REMOVED FROM EXPOSED AREAS OF THE FLOORS, WALLS, AND CEILINGS. REMOVE ALL ABANDONED PIPE, SLEEVES IN FLOOR SLABS. PATCH EXISTING SLAB AS REQUIRED TO MAINTAIN UL FIRE RATING OF FLOOR SLAB WHERE PIPES AND CONDUITS HAVE BEEN REMOVED.
6. THE GENERAL CONTRACTOR SHALL CONTINUOUSLY CHECK ARCHITECTURAL AND STRUCTURAL CLEARANCES FOR ACCESSIBILITY OF EQUIPMENT AND MECHANICAL AND ELECTRICAL SYSTEMS. NO ALLOWANCES OF ANY KIND WILL BE MADE FOR THE GENERAL CONTRACTOR'S NEGLIGENCE TO FORESEE MEANS OF INSTALLING EQUIPMENT INTO POSITION.
7. THE FINISHED WORK SHALL BE FIRM, WELL-ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS, OR DISCOLORATION. JOINTING SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. THE FINISHED WORK SHALL HAVE NO EXPOSED UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS, UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISION FOR EXPANSION, CONTRACTION AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.
8. GENERAL CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OF GOVERNING CODES, ORDINANCES, ETC. REQUIRE QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE WOULD REQUIRE.
9. ATTACHMENTS, CONNECTIONS OR FASTENERS OF ANY NATURE ARE TO PROPERLY AND PERMANENTLY BE SECURED IN CONFORMANCE WITH INDUSTRY BEST PRACTICES. THE DRAWINGS HIGHLIGHT SPECIAL CONDITIONS ONLY AND BY NO MEANS ILLUSTRATE EVERY CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR IMPROVING CONNECTION ACCORDINGLY.
10. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY ACCESS PANELS WHICH MAY BE REQUIRED PRIOR TO PROCEEDING WITH THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRADES. REQUIRED ACCESS PANELS SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.

PROJECT CONDITIONS

1. THE TERM "BASE BUILDING" MEANS THE EXISTING STRUCTURES WITHIN THE PROPERTY SITE WHERE THE PROJECT AND THE WORK IS CONSTRUCTED.
2. DRAWING FOR THE WORK IS BASED ON OWNER-FURNISHED BASE BUILDING DOCUMENTS AND UPON THE ARCHITECT'S LIMITED VISUAL OBSERVATIONS OF LATENT EXPOSED CONDITIONS AT THE TIME OF COMMENCING THE ARCHITECT'S DESIGN CONSULTING SERVICES.
3. THE GENERAL CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITIONS AS PROVIDED IN THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES, ERRORS, INCONSISTENCIES OR AMBIGUITIES PRIOR TO PROCEEDING WITH THE WORK. ANY UNREPORTED DEFICIENCIES WILL BECOME THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CORRECT.
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR, AND PROVIDE PROTECTION OF, ANY EXISTING FINISHES, MATERIALS, AND EQUIPMENT TO REMAIN. THE GENERAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FINISHES, MATERIALS, AND EQUIPMENT AS A RESULT OF THE WORK. ALL EXISTING FINISHES TO REMAIN SHALL BE CLEANED AT THE COMPLETION OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT ALL EXISTING DAMAGES, AND PROVIDE TO THE ARCHITECT, PRIOR TO PROCEEDING WITH THE WORK.
5. THE GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF EXISTING AND PROPOSED NEW WAYFINDING AND SIGNAGE (INCLUDING BUT NOT LIMITED TO STRUCTURAL MEMBERS, PIPING, DUCT WORK, CONDUIT AND SPRINKLERS) AND THAT CLEARANCES FOR INSTALLATION ARE PROVIDED. ELEMENTS IN CONFLICT SHALL BE DOCUMENTED AND PROVIDED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
6. IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON DRAWINGS AND DATA PROVIDED IN THE SPECIFICATION, THE GENERAL CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE ARCHITECT OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH THE WORK.
7. THE GENERAL CONTRACTOR SHALL NOT PROCEED WITH WORK FOR WHICH HE EXPECTS ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE A CLAIM FOR EXTRA COMPENSATION. THE CONTRACTOR SHALL NOT PROCEED WITH WORK WHICH, IF COMPLETED IN STRICT CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS, WILL RESULT IN ADDITIONAL WORK BEYOND THE SCOPE OF THE CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. ANY FIELD CONDITIONS THAT SIGNIFICANTLY VARY FROM THE CONTRACT DOCUMENTS OR WILL RESULT IN ADDITIONAL WORK, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
8. DO NOT SCALE DRAWINGS. STATED & WRITTEN DIMENSIONS GOVERN. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF THE WORK. ANY DIFFERENCE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR COORDINATION PRIOR TO ORDERING, MANUFACTURING, OR PROCEEDING WITH THE WORK. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FACE OF FINISH, UNLESS NOTED OTHERWISE. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB EXCEPT WHERE NOTED TO BE ABOVE FINISHED FLOOR (AFF). DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED +/-.
9. MATERIALS INDICATED TO BE REUSED MUST BE FREE OF DEFECTS AND BE IN GOOD CONDITION OR SHALL BE REPLACED WITH NEW. UNDER THIS CONTRACT, ANY MATERIAL INDICATED TO BE REUSED WHICH IS NOT FREE OF DEFECTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT VIA A WRITTEN REQUEST FOR INFORMATION PRIOR TO BEGINNING CONSTRUCTION.

CONTRACTORS USE OF BUILDING

1. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL BUILDING MANAGEMENT SECURITY REQUIREMENTS, INCLUDING PROJECT SITE ACCESS RULES.
2. LIMIT USE OF BASE BUILDING FOR THE WORK AND FOR CONSTRUCTION OPERATIONS, TO ALLOW CONTINUED OCCUPANCY AND USE.
3. CONFINE OPERATIONS WITHIN DESIGNATED STAGING AREAS AND COORDINATE USE OF BASE BUILDING FACILITIES AS APPROVED BY THE OWNER.
4. THIS PROJECT WILL REQUIRE WORK WITHIN THE SIDA (SECURITY IDENTIFICATION DISPLAY AREA) AREAS. THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS ARE TO HAVE PROPER SECURITY TRAINING AND CREDENTIALS AS REQUIRED AND GRANTED BY HAS. THE CONTRACTOR AND THEIR SUBS ARE TO BE AWARE OF THEIR LOCATIONS WHILE WORKING IN THESE AREAS AND PROPER BADGING MUST BE DISPLAYED AT ALL TIMES. ALL COSTS ASSOCIATED WITH OBTAINING TRAINING AND CREDENTIALS TO ACCESS THE SIDA, ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF WORK.
5. COORDINATE ANY SECURITY DEVICE REMOVAL / RELOCATION WITH HAS PRIOR TO COMMENCEMENT OF WORK. MAINTAIN PROPER PATHS AND IDENTIFICATION OF EMERGENCY EGRESS.

PROJECT GENERAL NOTES

1. HOUSTON AIRPORT SYSTEMS (HAS) SHALL BE DESIGNATED AS "THE OWNER", PGAL ARCHITECTS SHALL BE DESIGNATED AS "THE ARCHITECT". GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH) SHALL BE DESIGNATED AS "THE LANDLORD". THE GENERAL CONTRACTOR SHALL BE BOTH LICENSED AND BONDED IN TEXAS AND SHALL PROVIDE DOCUMENTS UPON REQUEST.
2. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES, AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING OBSERVING ALL RULES AND REGULATIONS IN AN AIRPORT SECURE ENVIRONMENT.
3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED FOR THE WORK AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE WORK. REFER TO THE GENERAL NOTES DESIGN NOTES AND KEYNOTES ON SHEETS 1-1 THROUGH 1-20, 2-1 THROUGH 2-47, 3-1 THROUGH 3-2, 4-1 THROUGH 4-51, AG3.001 AND AG3.002.
4. THE CONTRACTOR SHALL VERIFY THAT THE DRAWINGS ARE THE LATEST ISSUE BEFORE COMMENCING CONSTRUCTION.

PROJECT GENERAL DESCRIPTION

OVERALL PROGRAM NAME:
IAH TERMINAL A SIGNAGE & WAYFINDING

PROJECT DESCRIPTION:
THIS PROJECT WILL REPLACE ALL EXISTING WAYFINDING AND PUBLIC SIDE SIGNAGE LOCATED IN TERMINAL AND ADDS NEW SIGNS AS NECESSARY. THIS IS COMPLETELY A WAYFINDING PROJECT.

HAS STANDARDS

1. THIS PROJECT IS TO FOLLOW HOUSTON AIRPORT SYSTEM (HAS) STANDARDS FOR ALL DISCIPLINES. HAS STANDARDS CAN BE FOUND AT THEIR WEBSITE, [HTTP://WWW.HOUSTONAIRPORTS.BIZ/TIP](http://www.houstonairports.biz/tip)
2. ANY CONFLICTS BETWEEN HAS STANDARDS AND BID/CONSTRUCTION DOCUMENTS ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION VIA RFI.
3. ANY FLOOR PENETRATION WILL NEED TO BE X-RAY SCANNED. THIS INCLUDES BUT NOT LIMITED TO FLOOR ANCHORS, CORE, ETC. ALL SCANS ARE TO BE SUBMITTED TO HAS / EOR FOR REVIEW BEFORE WORK CAN BE PERFORMED.
4. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE PREMISES AND SHALL BASE THE BID ON THE EXISTING CONDITIONS IN CONJUNCTION WITH THESE DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO THE BID OF ANY DISCREPANCIES FOUND WITH THESE DOCUMENTS OR CONFLICTS WITH EXISTING CONDITIONS VIA WRITTEN REQUEST FOR INFORMATION.
5. PRIOR TO BEGINNING ANY CONSTRUCTION OR DEMOLITION, THE CONTRACTOR SHALL VERIFY THE GENERAL LAYOUT AND EXACT LAYOUT OF ALL WAYFINDING AND SIGNAGE AND REPORT ANY QUESTIONS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION VIA A WRITTEN REQUEST FOR INFORMATION.

FACILITIES

1. CORE DRILLING. THE CONTRACTOR SHALL SCAN THE AREA PRIOR TO CORE DRILLING OF CONCRETE STRUCTURES. THE CONTRACTOR SHALL USE THE GROUND PENETRATING RADAR (GPR) METHOD. THE CONTRACTOR SHALL SUBMIT A COPY OF THE GPR RESULTS TO AIRPORT STAFF, PRIOR TO CORE DRILLING, VERIFYING THAT THE AREA IS CLEAR OF CONDUITS/REBAR/PORT TENSION TENDONS/ETC.
2. HOT WORK PERMIT. THE CONTRACTOR SHALL OBTAIN A HOT WORK PERMIT FROM THE AIRPORT FOR WELDING, CUTTING, GRINDING, OR ANY OTHER ACTIVITY INVOLVING OPEN FLAMES, SPARKS, OR OTHER IGNITION SOURCES THAT MAY CAUSE SMOKE, FIRE, OR CAN TRIGGER THE FIRE DETECTION SYSTEM.

AIRSIDE / LANDSIDE

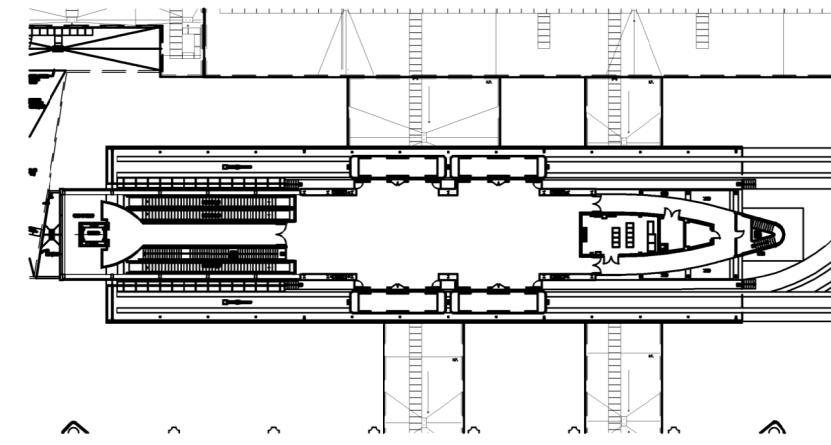
1. THE CONTRACTOR SHALL NOT BLOCK THE TERMINAL A PASSENGER PATHS AND SHALL NOT BLOCK THE TSA CHECKPOINT AREAS.
2. THE CONTRACTOR SHALL MAINTAIN THE PATH OF TRAVEL TO AND FROM THE WORK AREA IN A CLEAN MANNER. THE CONTRACTOR SHALL CLEAN THE PATH OF TRAVEL, AS NEEDED AND REMOVE ANY DUST/DEBRIS FROM THE PATH OF TRAVEL.

SECURITY

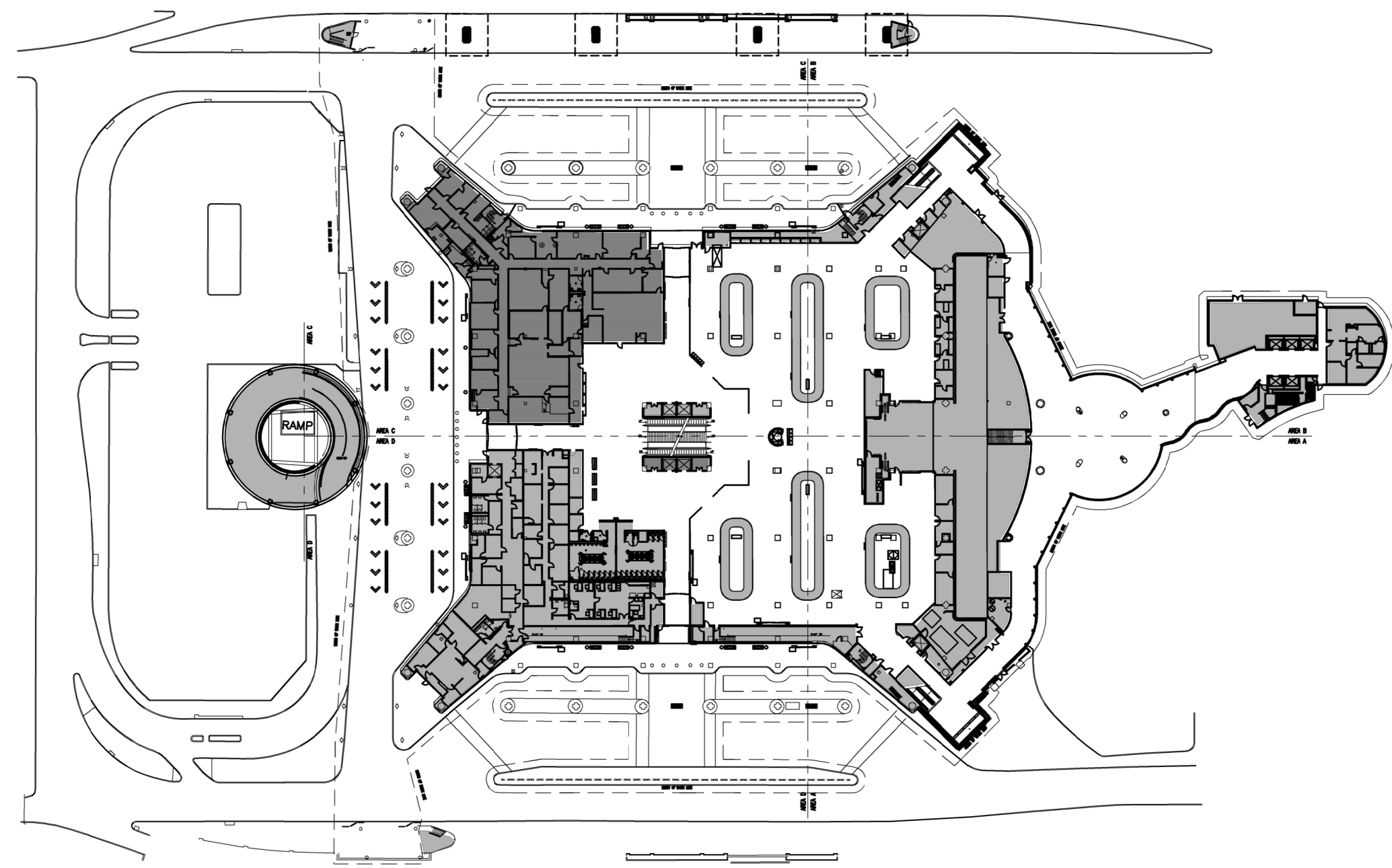
1. HAS APPROVAL OF THE REQUIRED "SECURITY PLAN" IS REQUIRED PRIOR TO THE START OF ANY WORK, THE SECURITY PLAN MUST BE SUBMITTED TO HAS FOR REVIEW AND APPROVAL. THE "SECURITY PLAN" SHALL INCLUDE BUT IS NOT LIMITED TO THE FOLLOWING:
 - DATES AND TIME OF WORK
 - CONTRACTOR NAME & CONTACT INFORMATION
 - BADGING OF CONSTRUCTION PERSONNEL
 - SUMMARY OF WORK, INCLUDING ATTACHED PLAN
 - PERSONNEL & VEHICLE SECURITY CLEARANCE INFORMATION
 - PERSONNEL & VEHICLE ACCESS INFORMATION. SHOW ALL PENETRATIONS OF THE SECURITY BOUNDARY. DESIGNATED ROUTE FOR WORKERS TO ACCESS VARIOUS WORK AREAS MUST BE PROVIDED & APPROVED. IDENTIFY THE PATH OF TRAVEL TO THE WORK SITE AND IDENTIFY ANY ELEVATORS AND OR DOORS TO BE USED TO ACCESS THE SITE.
 - CONSTRUCTION DEBRIS - SHOW HOW CONSTRUCTION DEBRIS WILL BE DISPOSED OF OR TRANSPORTED OFF SITE
 - SHOW PROPOSED LAYDOWN AREAS
 - CONTACT AIRPORT SECURITY COMPLIANCE FOR TIMELINES FOR SUBMISSION AND COORDINATION OF WORK UNDER TSA GUIDELINES
 - THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF WORK

SHOP DRAWINGS & SUBMITTALS

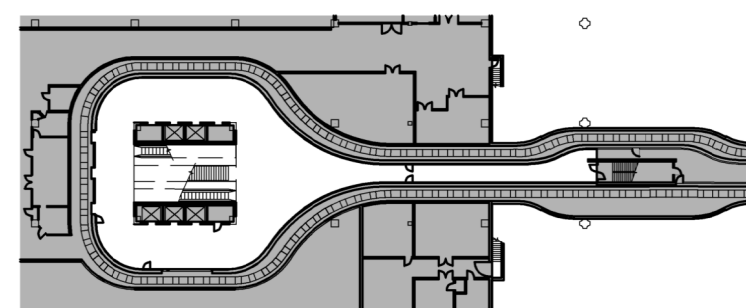
1. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL, FOR ALL, BUT NOT LIMITED TO, THE FOLLOWING: MISC. STEEL, WAYFINDING AND SIGNAGE. SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF DIGITAL PDF PRINTS. SHOP DRAWINGS SHALL NOT BE REPRODUCTIONS OF CONTRACT DOCUMENTS.
2. CONTRACTOR NEEDS TO PROVIDE A COMPLETE MESSAGE SCHEDULE AND COMPLETE FABRICATION / ASSEMBLY DETAILS FOR ALL SIGNS FOR VERIFICATION PURPOSES AND SIGNED AND SEALED ENGINEERED DRAWINGS FOR SIGNAGE MOUNTING AND SUPPORTS.
3. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS, AND SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE OR TO HAVE A LONG LEAD TIME, THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY WITH A PROPOSED ALTERNATIVE.
4. THE CONTRACTOR SHALL SUBMIT FINAL CLOSEOUT DOCUMENTS FOR REVIEW.



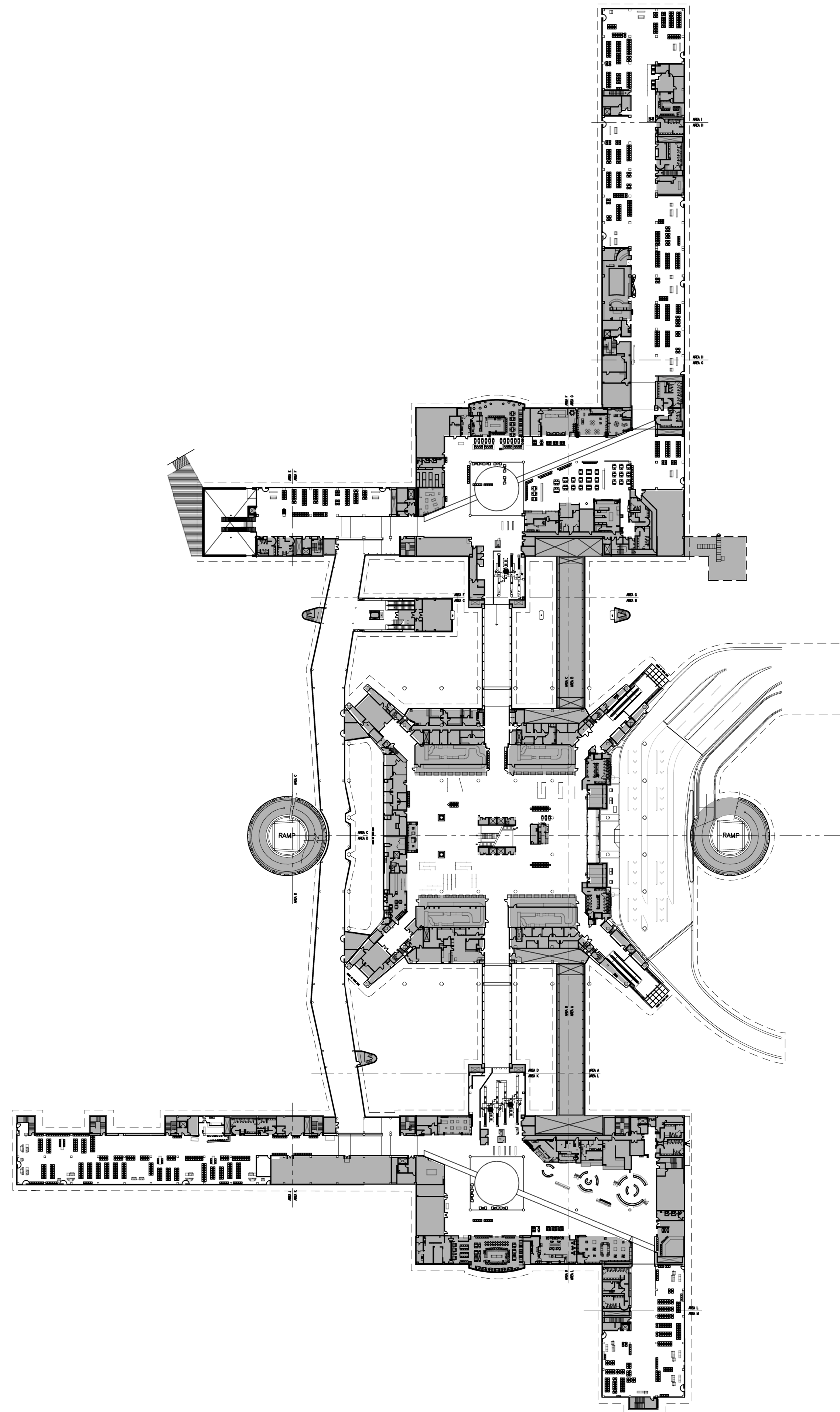
FLOOR PLAN - TERMINAL A - MEZZANINE LEVEL 03 | N.T.S. 19



FLOOR PLAN - TERMINAL A - BAGGAGE LEVEL 01 | N.T.S. 17

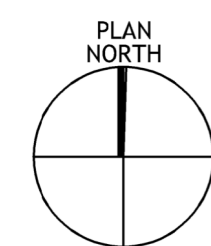
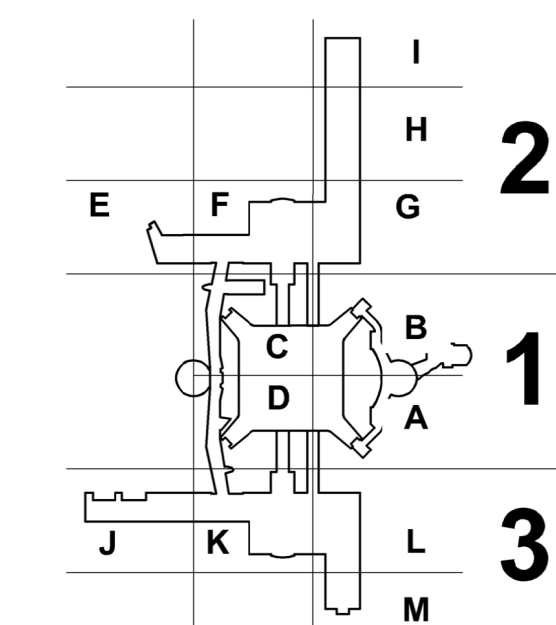


FLOOR PLAN - TERMINAL A - SUBWAY LEVEL 00 | N.T.S. 16



FLOOR PLAN - TERMINAL A - TICKETING LEVEL 02 | N.T.S. 1

KEY PLAN



FILE NAME: AD2.000_T00W_PARK_DRAWING
DATE STAMP: 8/27/2020 3:31:18 PM

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77032
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[F] (281) 233-1800

ARCHITECT



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SUITE 200
HOUSTON, TX 77042
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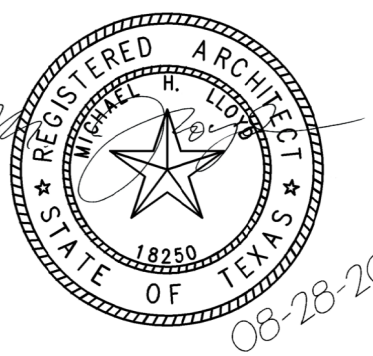
DEPARTMENT OF
AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OF DESIGN
REPRESENTATIVE
DATE:
HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

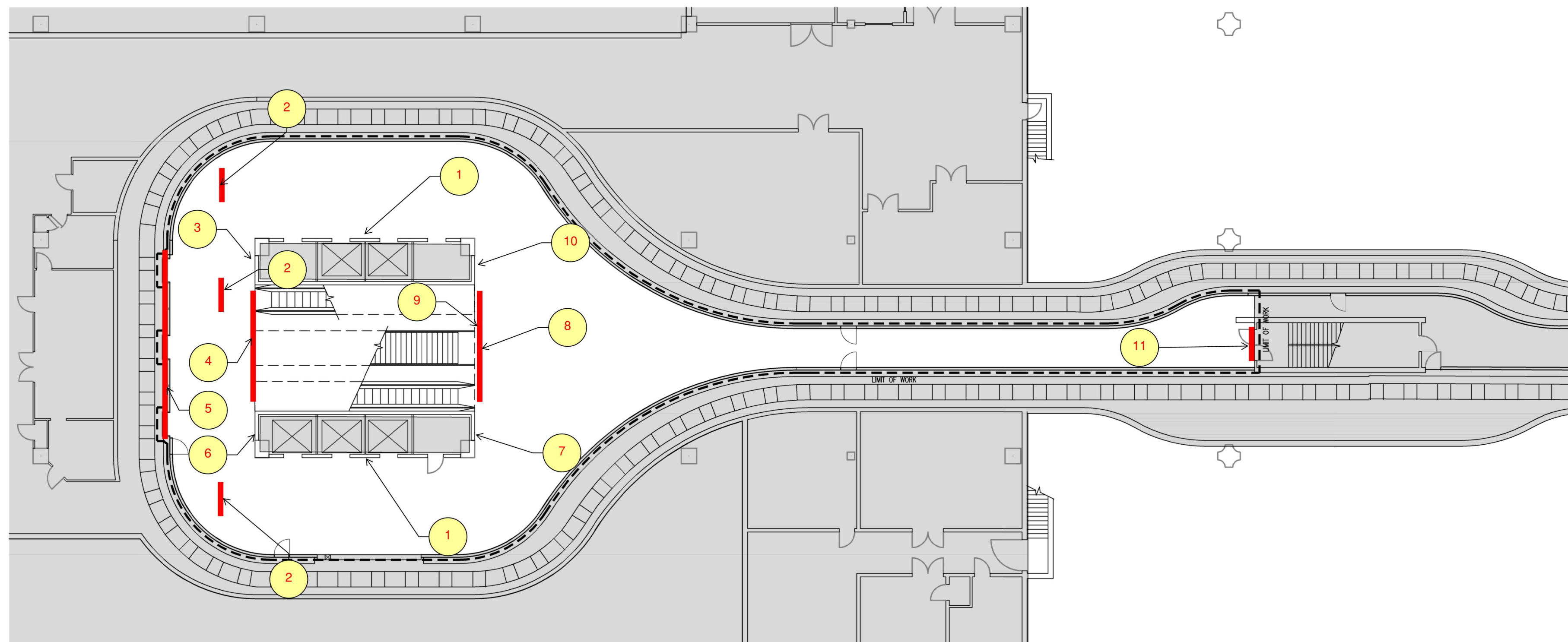
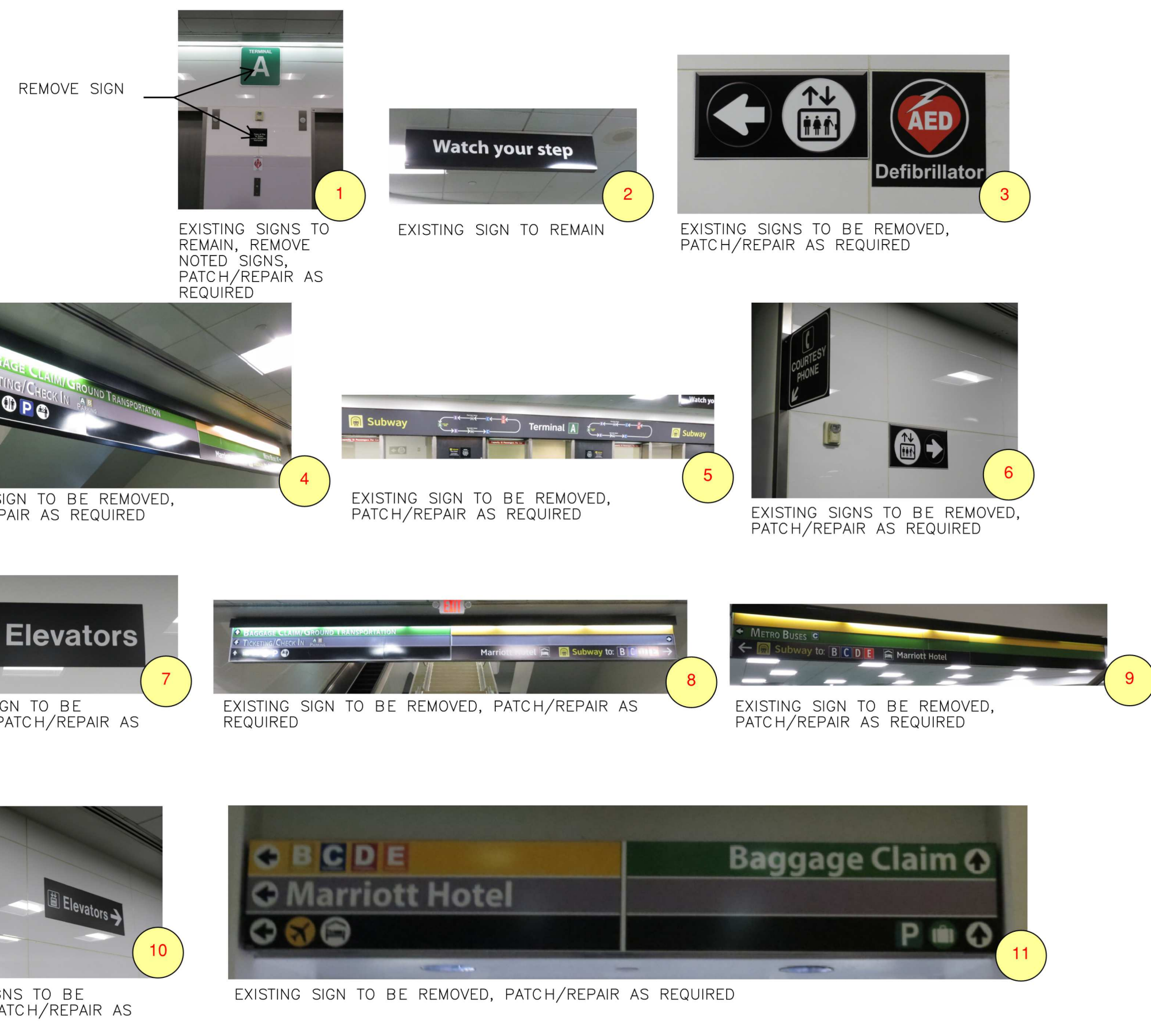
1003770

SHEET TITLE

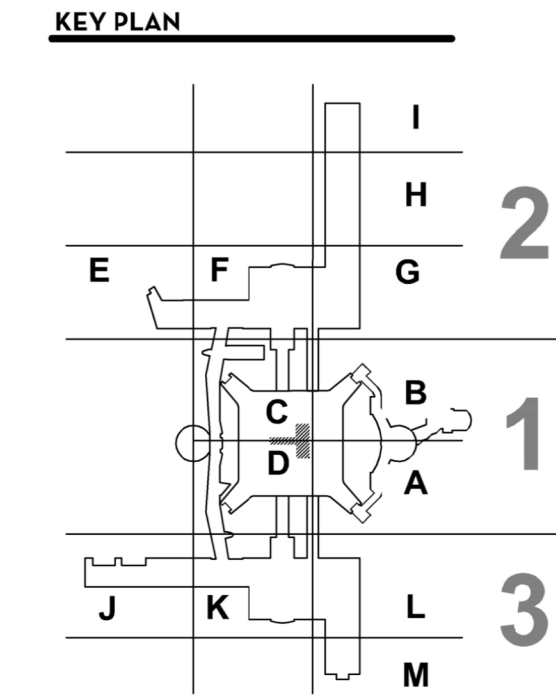
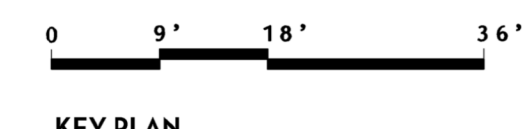
DEMOLITION FLOOR
PLANS - OVERALL

SHEET NUMBER

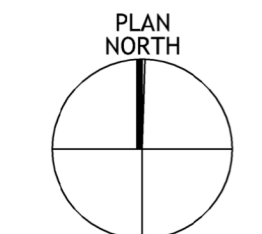
AD2.000



FLOOR PLAN - LEVEL SUBWAY | N.T.S. | 1

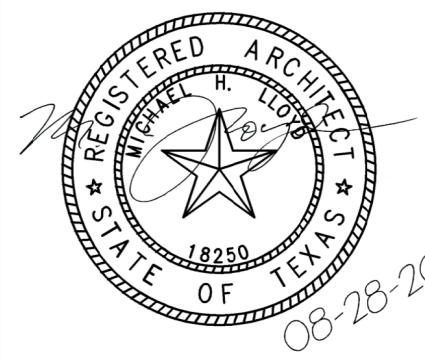


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 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



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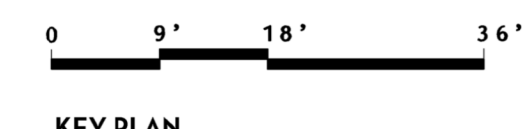
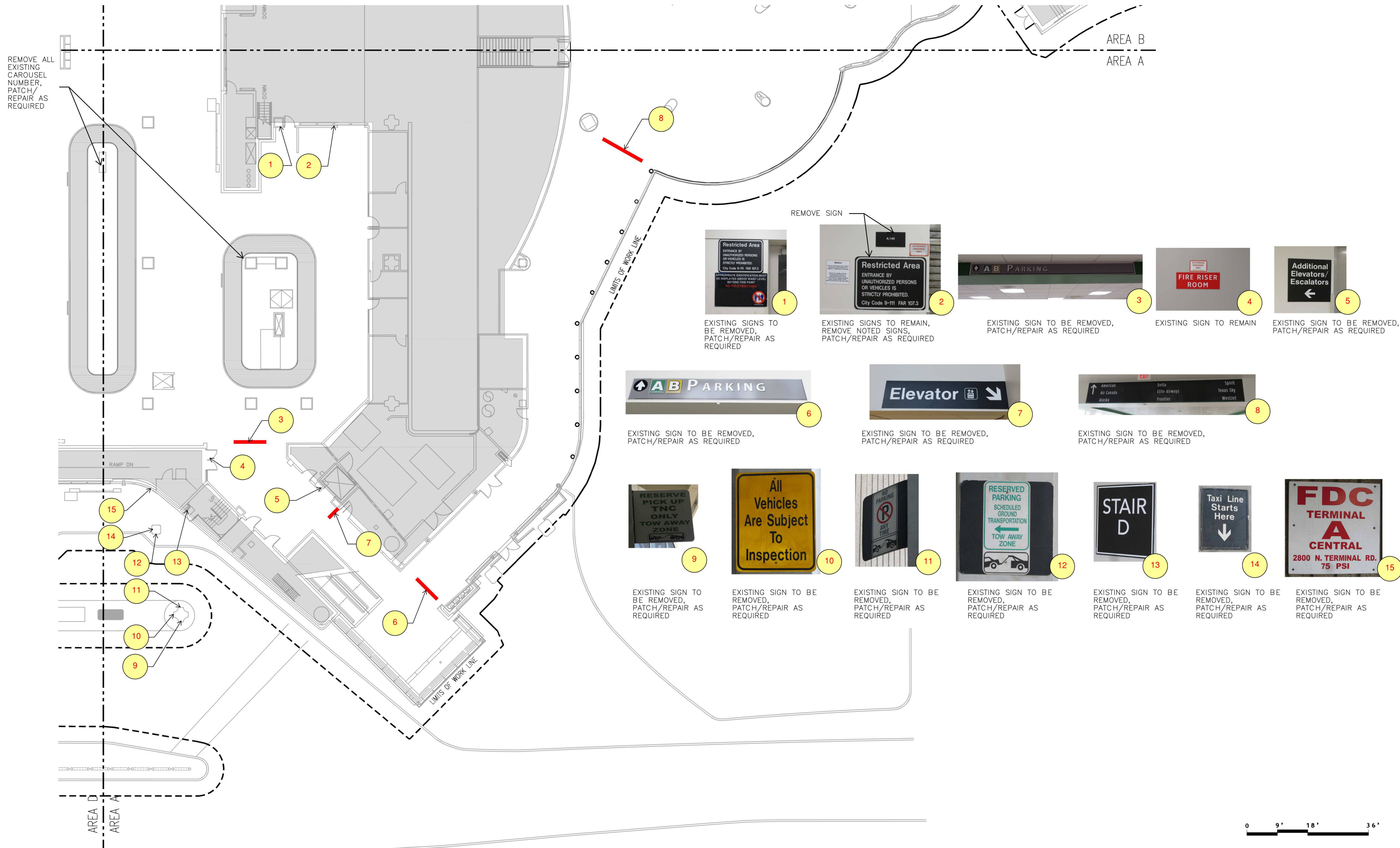
DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

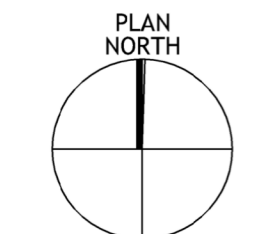
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DEMOLITION FLOOR PLAN - SUBWAY LEVEL

SHEET NUMBER
 AD2.001



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FLOOR PLAN - LEVEL BAGGAGE - AREA A N.T.S. (1)

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ARCHITECT



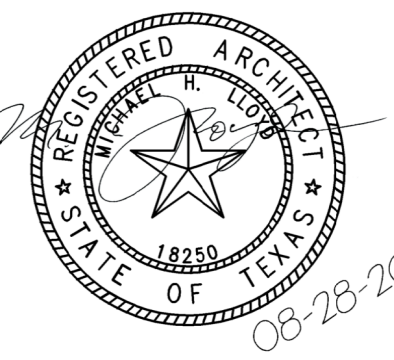
3131 BRIARPARK DRIVE
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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
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SHEET TITLE

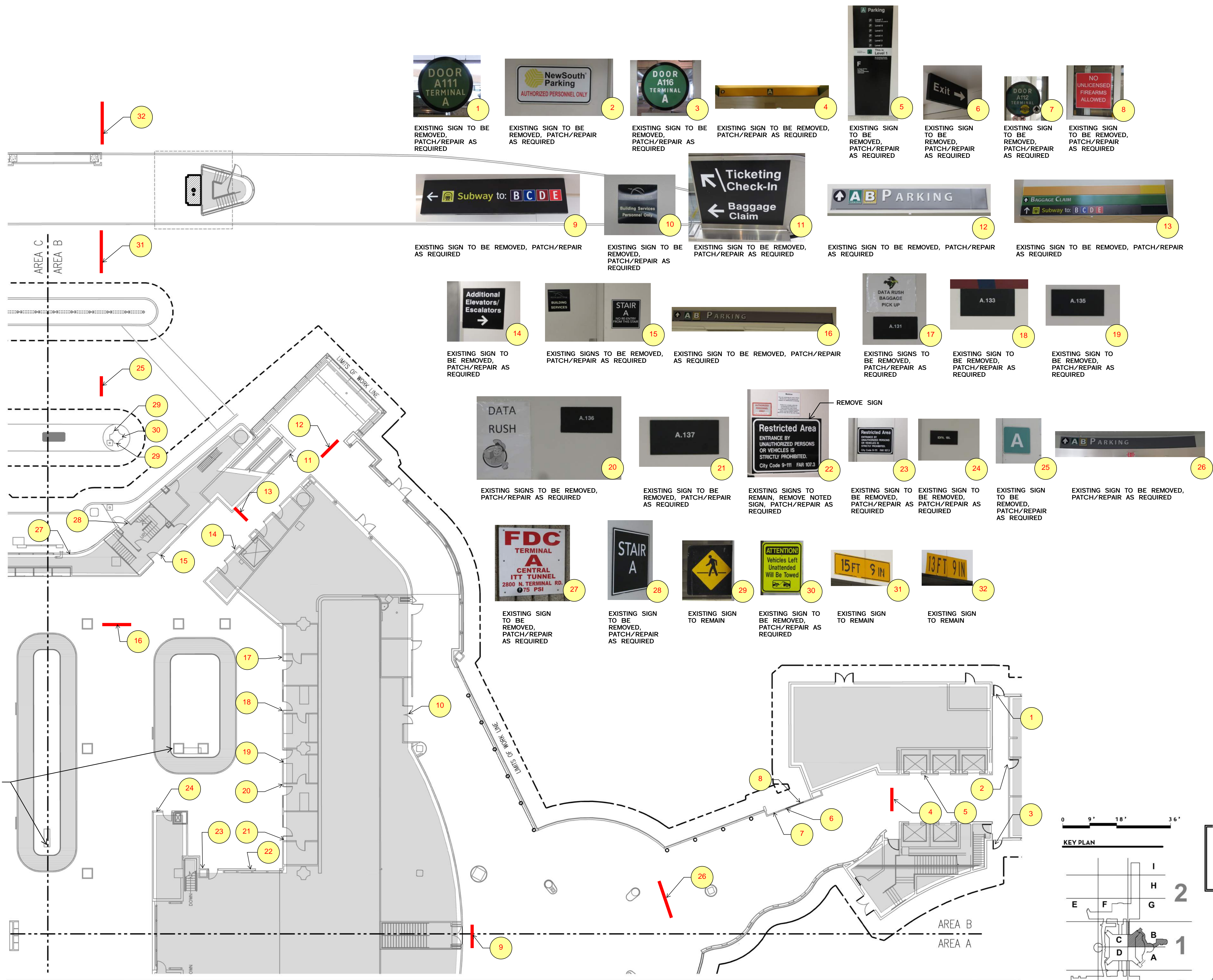
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SHEET NUMBER

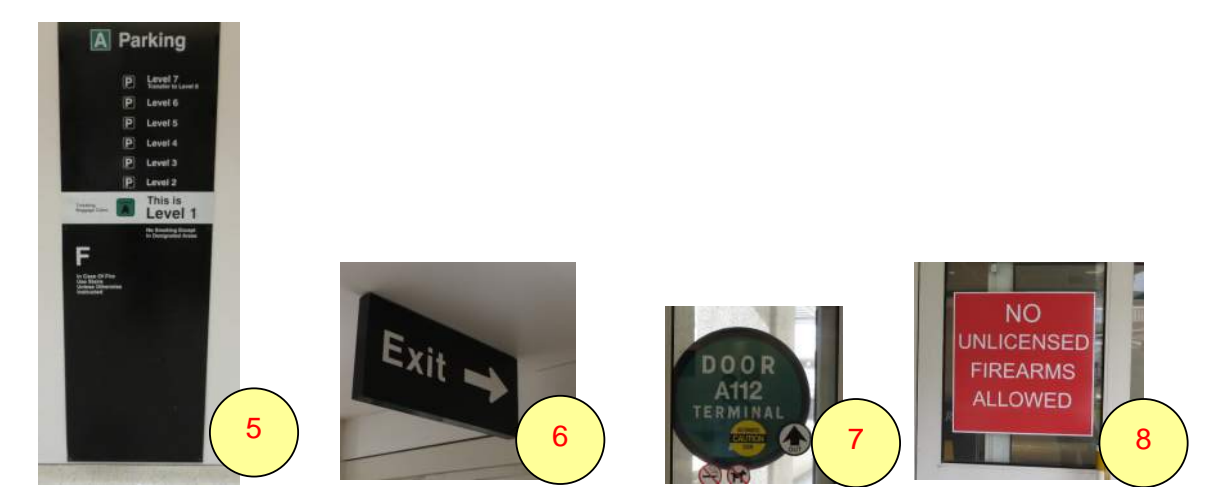
AD2.101A

FILE NAME: A22.101B.FLOOR PLAN BAGGAGE LEVEL AREA B (2/20/21)DWG
 DATE STAMP: 10/15/2020 3:55:22 PM

REMOVE ALL EXISTING CAROUSEL NUMBER, PATCH/REPAIR AS REQUIRED



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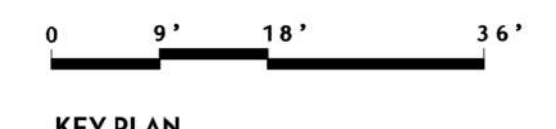


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 23 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
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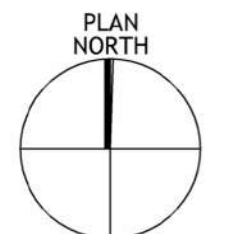


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FLOOR PLAN - LEVEL BAGGAGE - AREA B N.T.S. (1)



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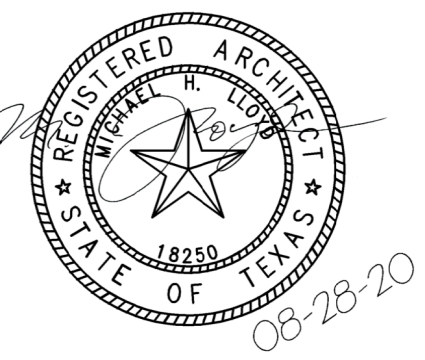
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DRAWING HISTORY

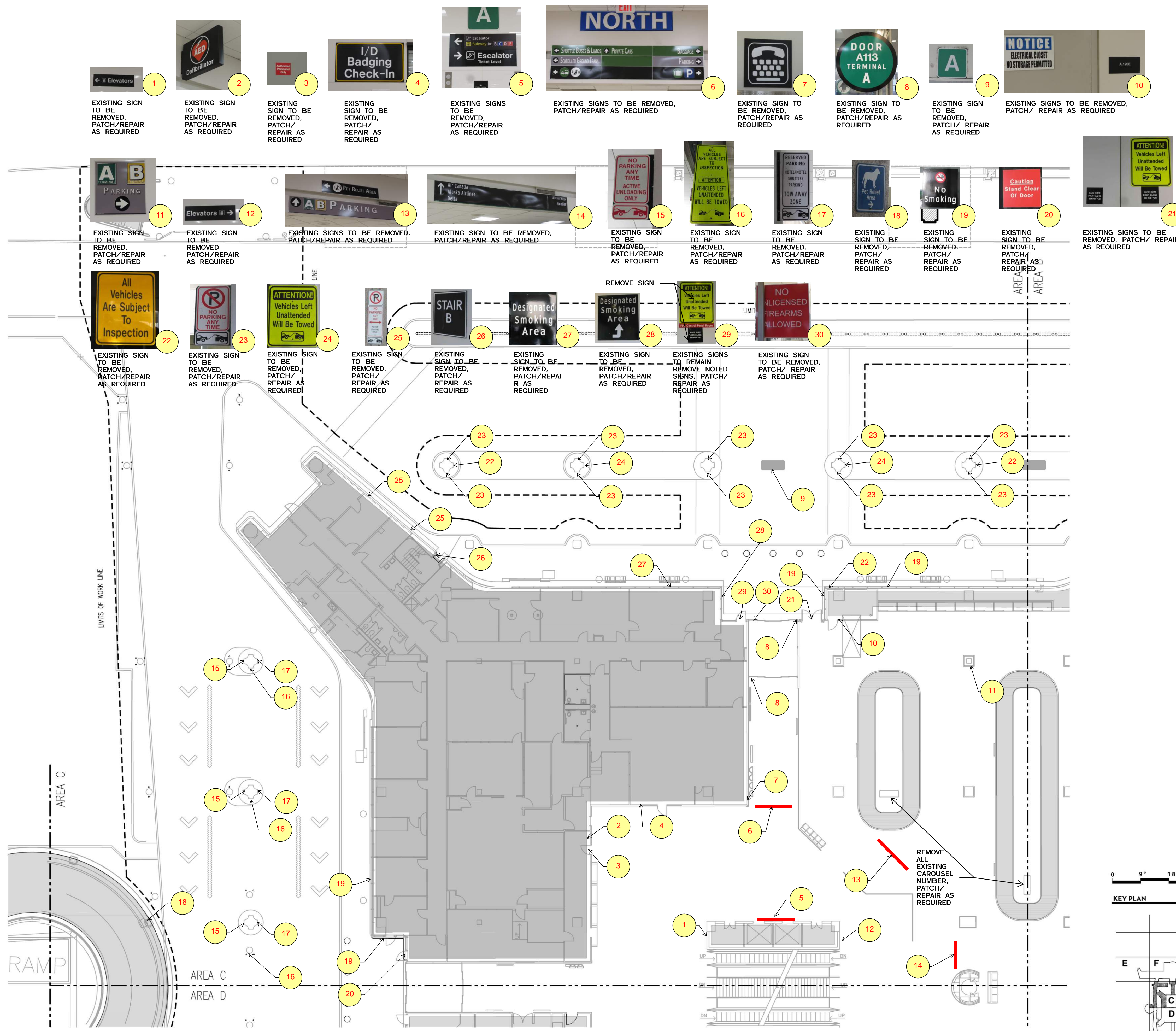
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PROJECT NUMBER
 1003770
 SHEET TITLE

DEMOLITION FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA B

SHEET NUMBER
 AD2.101B

FILE NAME: AD2.101C FLOOR PLAN BAGGAGE LEVEL AREA C (2/20/20) IAH
 DATE STAMP: 10/12/2018 4:58:06 PM



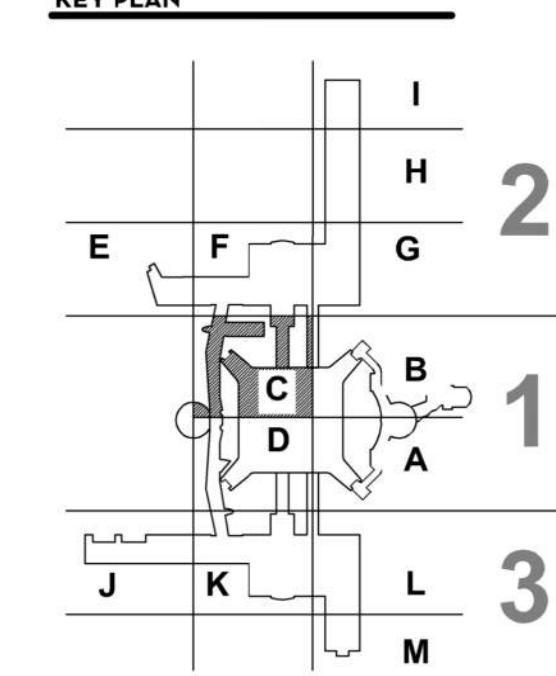
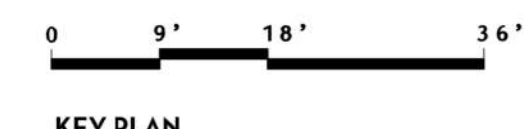
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AREA C

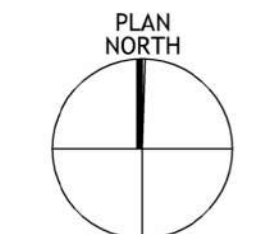
RAMP

AREA C
 AREA D

FLOOR PLAN - LEVEL BAGGAGE - AREA C | N.T.S. (1)



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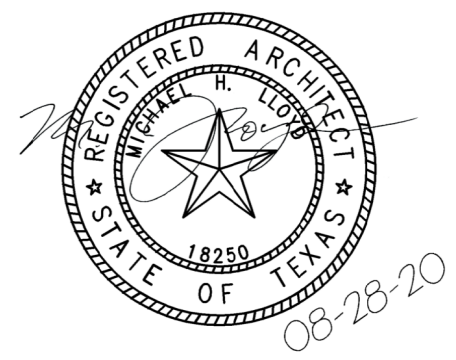
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PROJECT NUMBER
 1003770

SHEET TITLE
 DEMOLITION FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA C

SHEET NUMBER
 AD2.101C



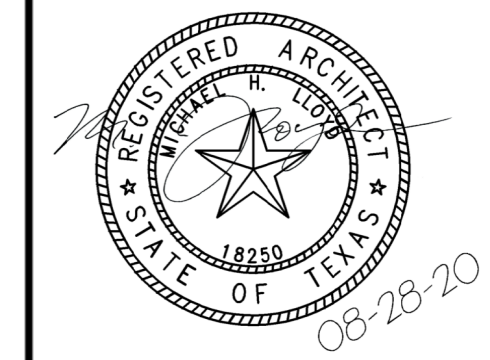
HAS AVIATION DEPT.
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77032
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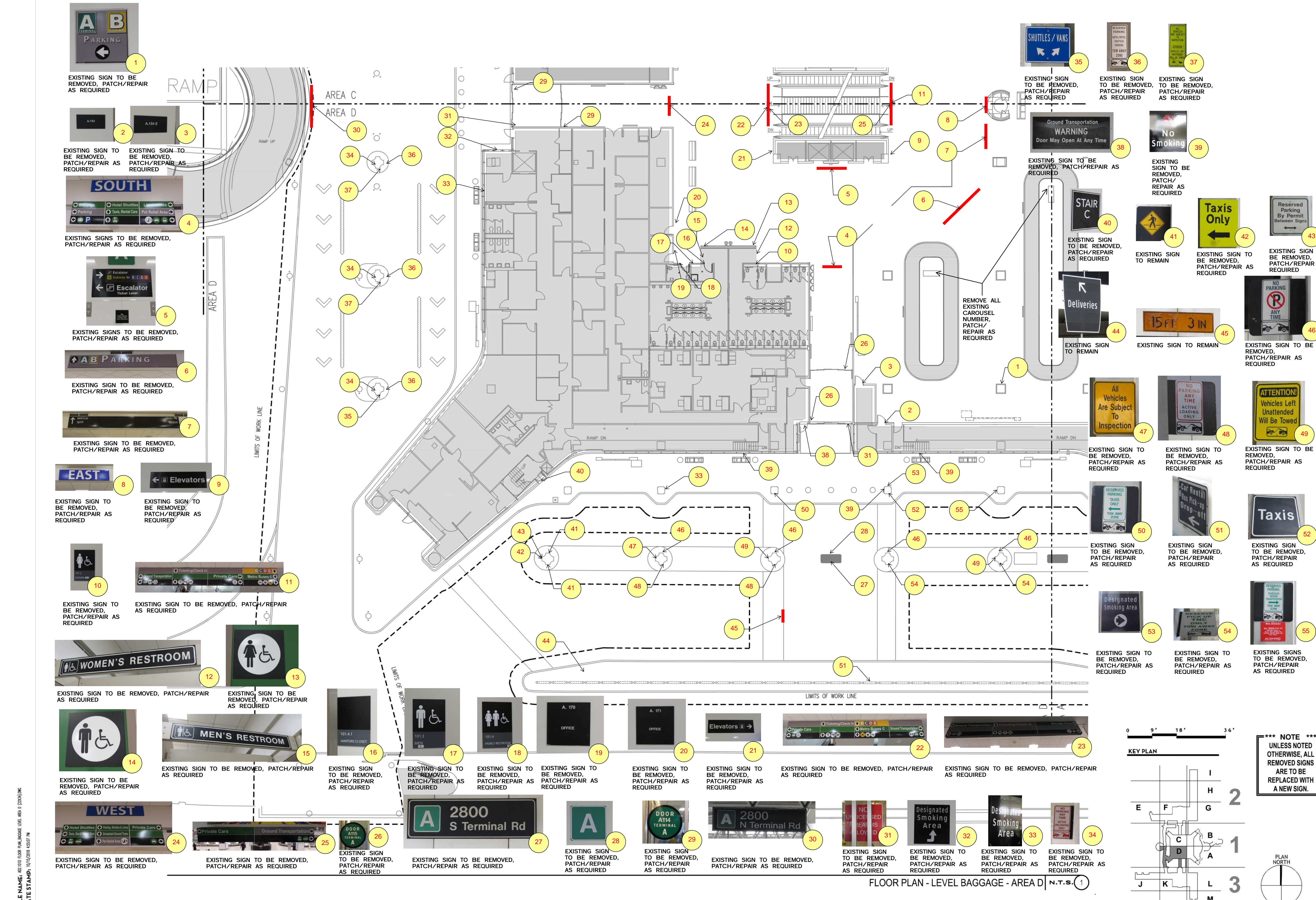
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NO.	DESCRIPTION	DATE
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PROJECT NUMBER
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SHEET TITLE

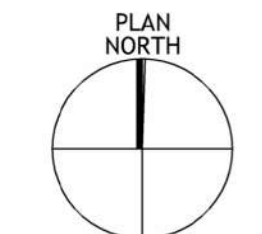
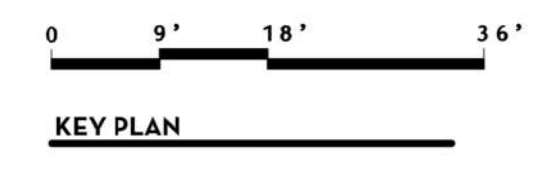
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LEVEL BAGGAGE
SECTOR 01 - AREA D

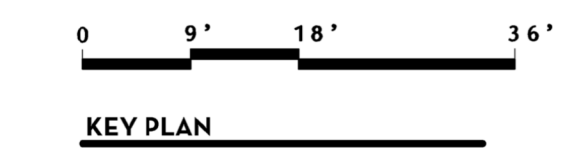
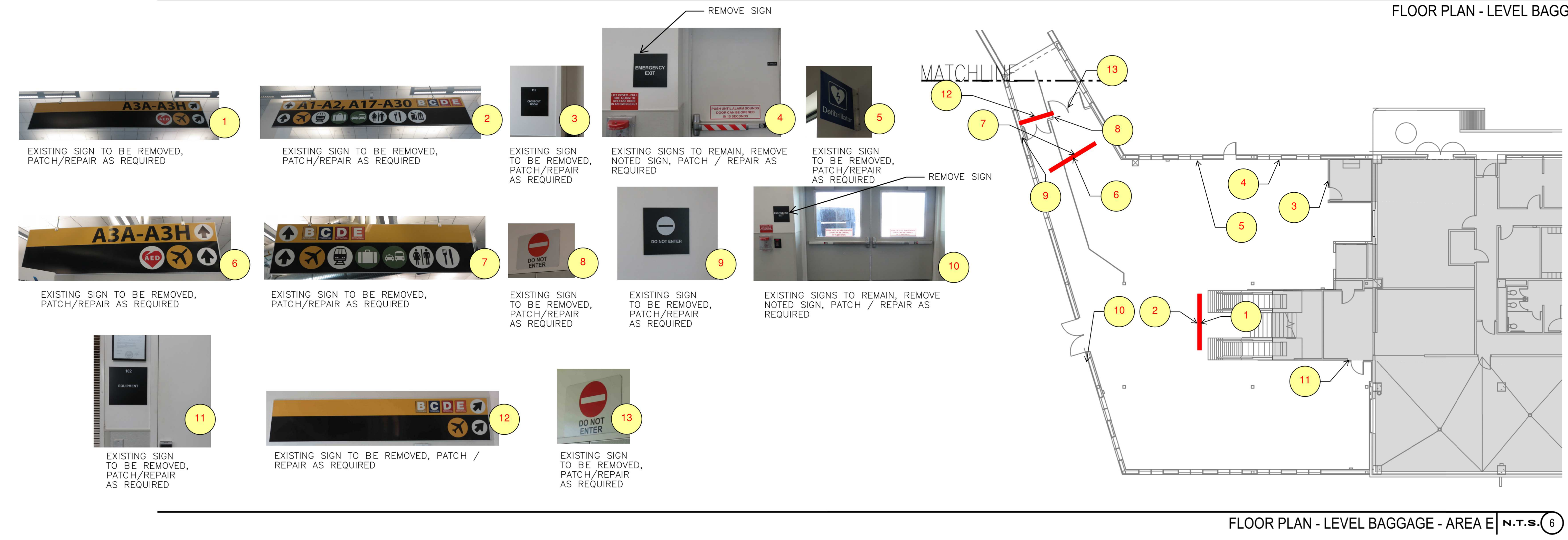
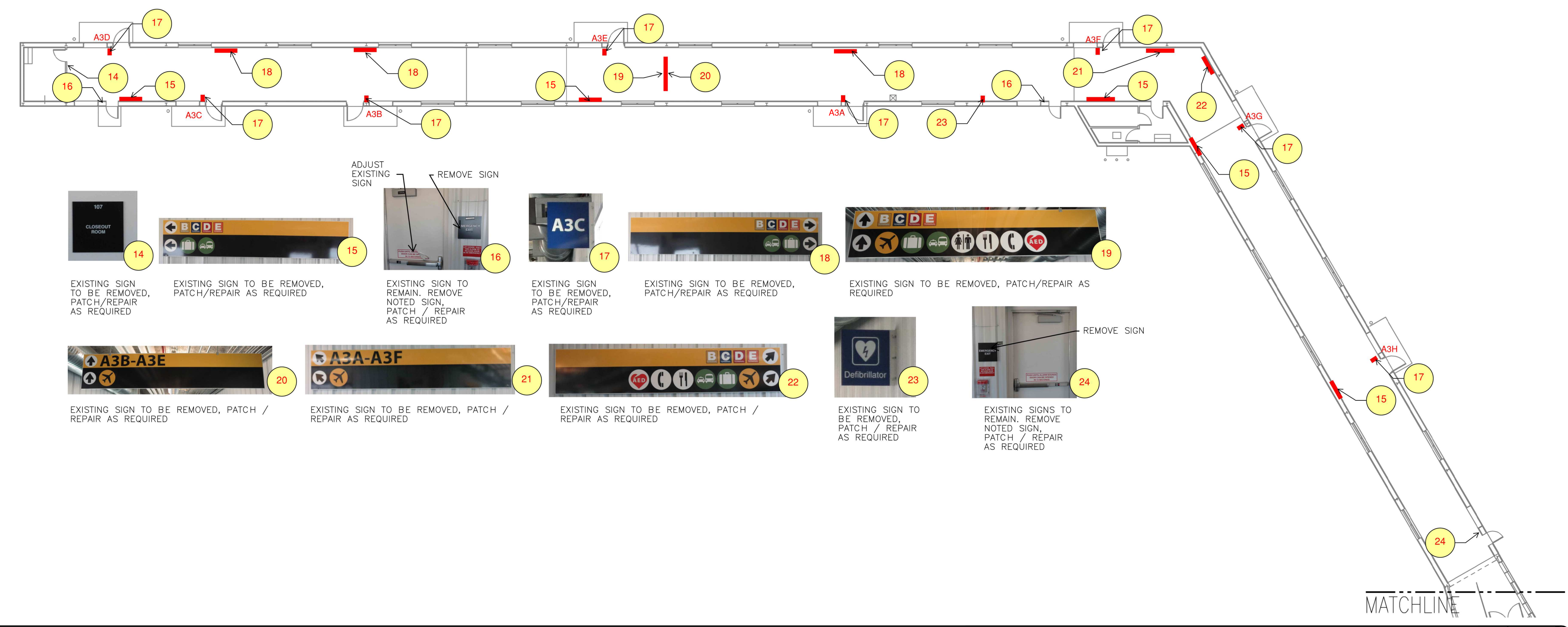
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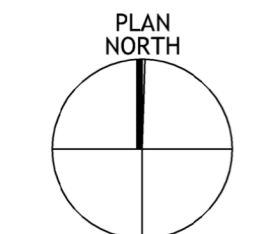
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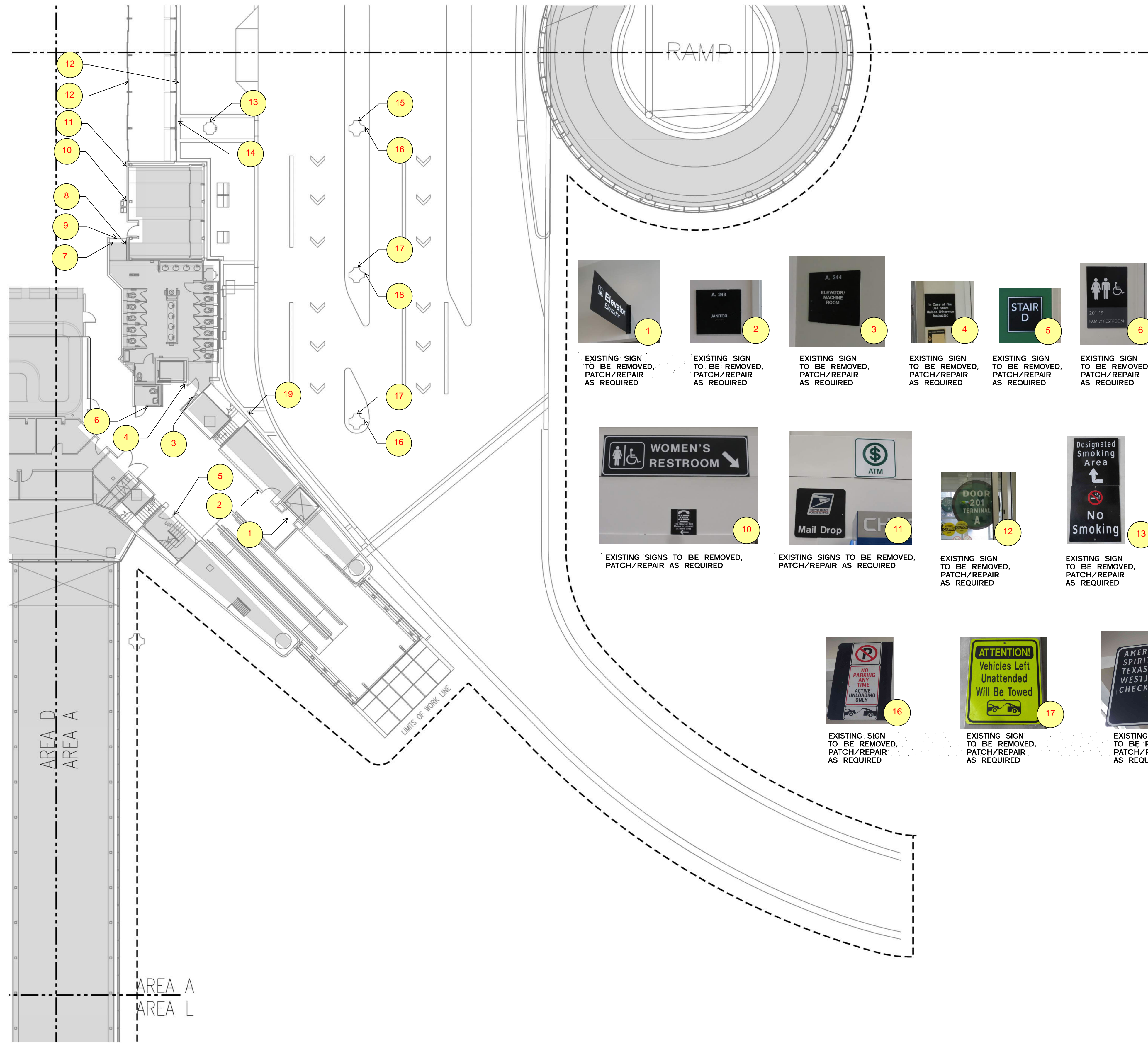
**** NOTE ****
UNLESS NOTED
OTHERWISE, ALL
REMOVED SIGNS
ARE TO BE
REPLACED WITH
A NEW SIGN.





*** NOTE ***
 UNLESS NOTED
 OTHERWISE, ALL
 REMOVED SIGNS
 ARE TO BE
 REPLACED WITH
 A NEW SIGN.





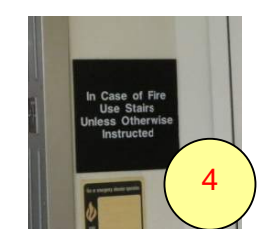
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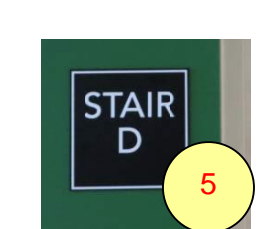
EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGNS TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGNS TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



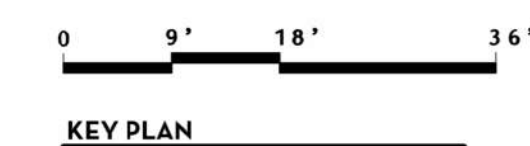
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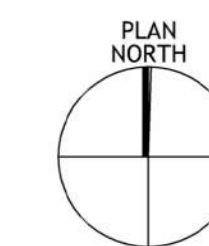
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



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FLOOR PLAN - LEVEL TICKETING - AREA A N.T.S. 1

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ARCHITECT



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HAS REPRESENTATIVE

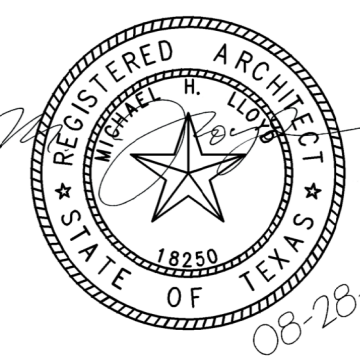
DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

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PROJECT LOCATION

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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

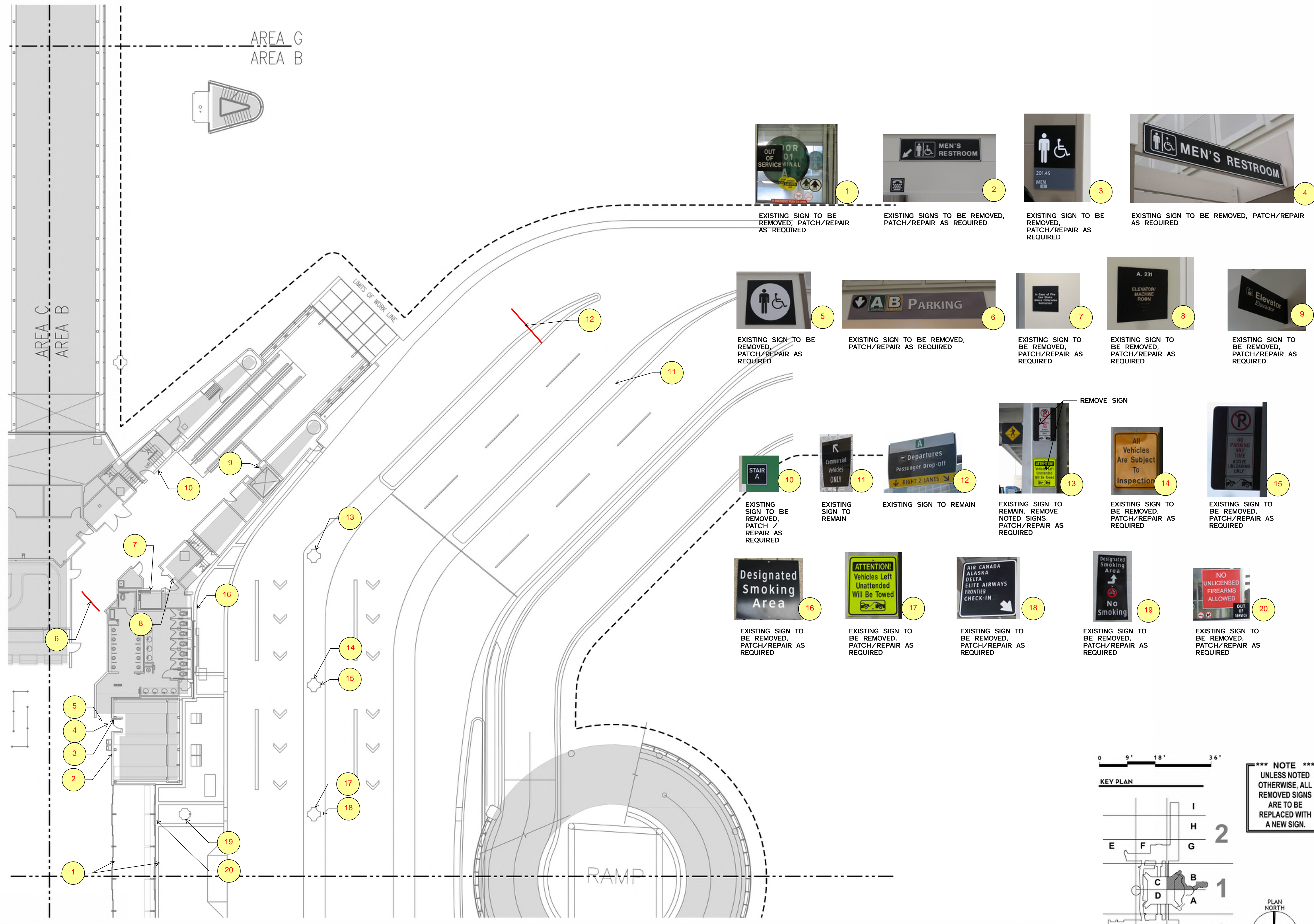
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SHEET TITLE

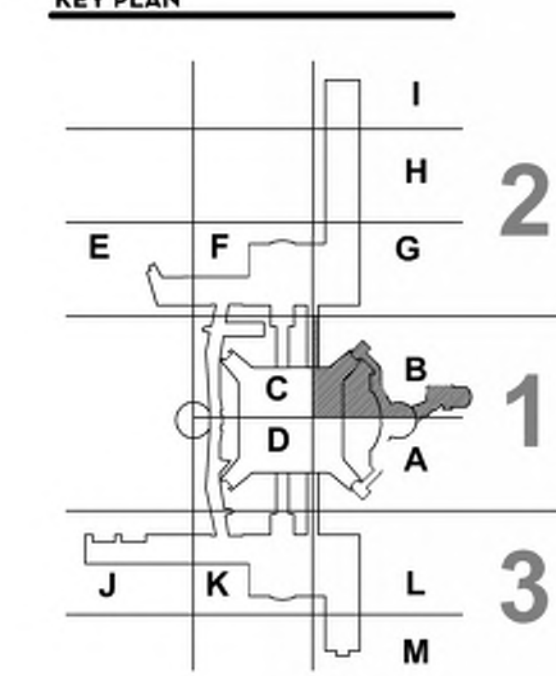
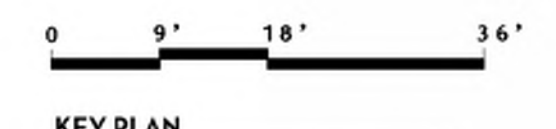
DEMOLITION FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA A

SHEET NUMBER

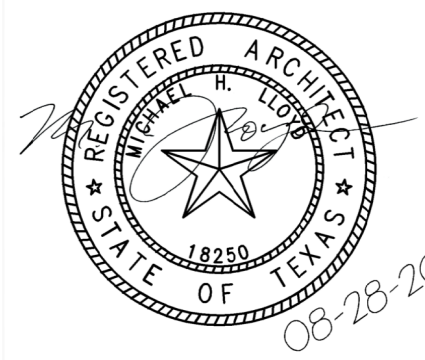
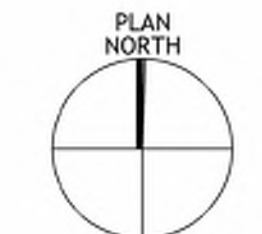
AD2.201A



FLOOR PLAN - LEVEL TICKETING - AREA B N.T.S. 1



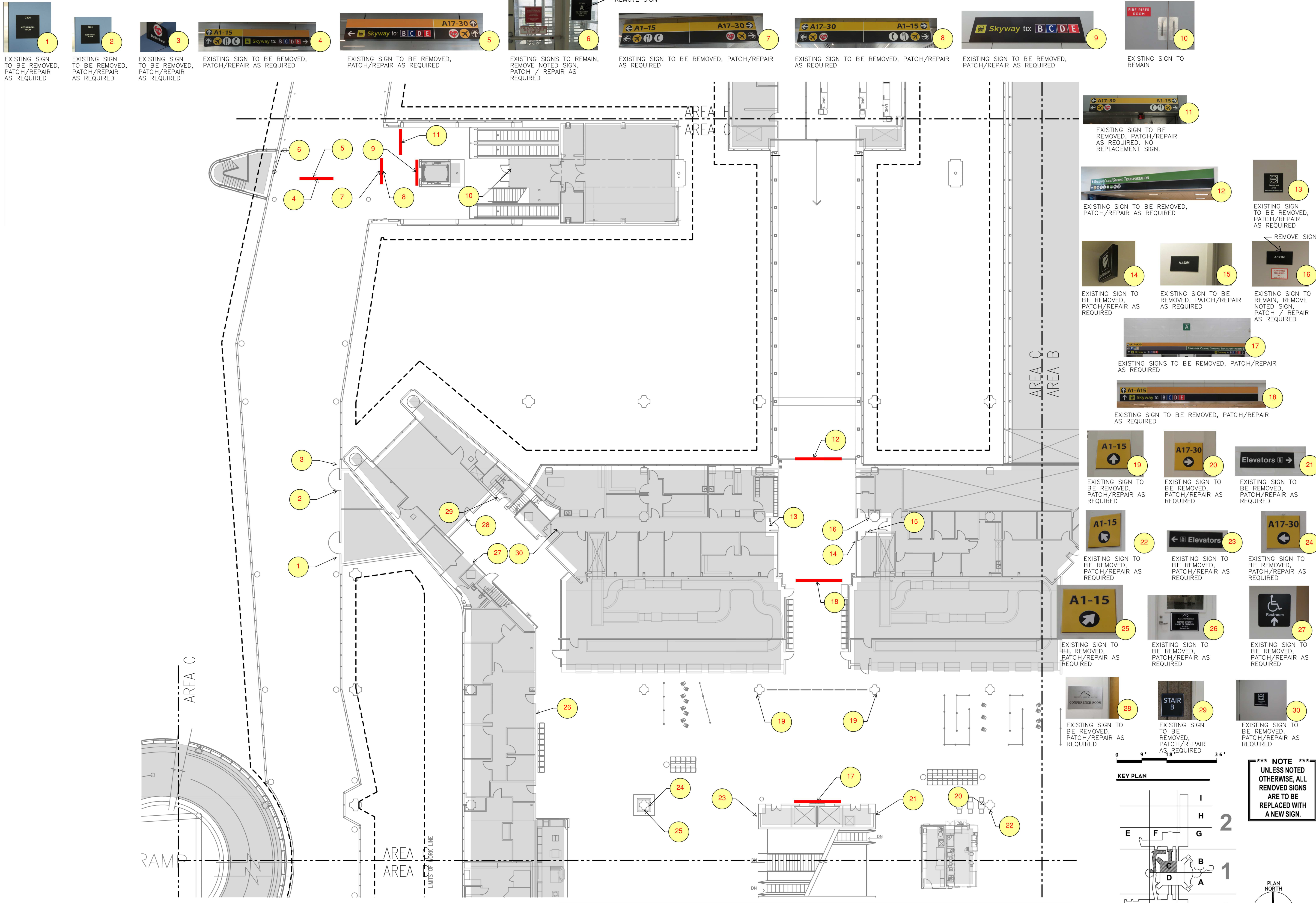
**** NOTE ****
 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

FILE NAME: AD2.201C FLOOR PLAN TICKETING LEVEL AREA C (2020) DWG
 DATE STAMP: 10/15/2018 4:00:17 PM



- 1 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 2 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 3 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 4 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 5 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 6 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 7 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 8 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 9 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 10 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 11 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED, NO REPLACEMENT SIGN.
- 12 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 13 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 14 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 15 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 16 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 17 EXISTING SIGNS TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 18 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
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- 27 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 28 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 29 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
- 30 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



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 16930 JOHN F. KENNEDY BLVD. HOUSTON TX 77032
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 [F] (281) 233-1800



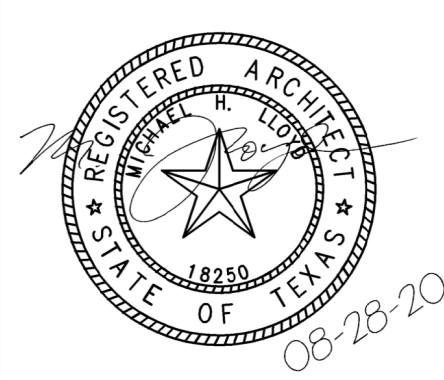
3131 BRIARPARK DRIVE SUITE 200
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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
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 HOUSTON TX, 77032

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

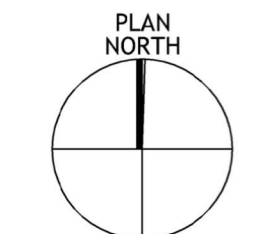
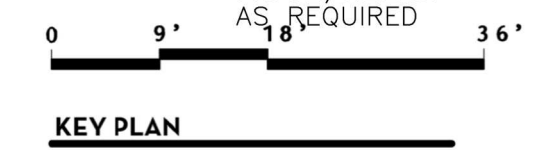
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DEMOLITION FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA C

SHEET NUMBER

AD2.201C

*** NOTE ***
 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



FLOOR PLAN - LEVEL TICKETING - AREA C N.T.S. (1)



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO REMAIN, REMOVE NOTED SIGN, PATCH / REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



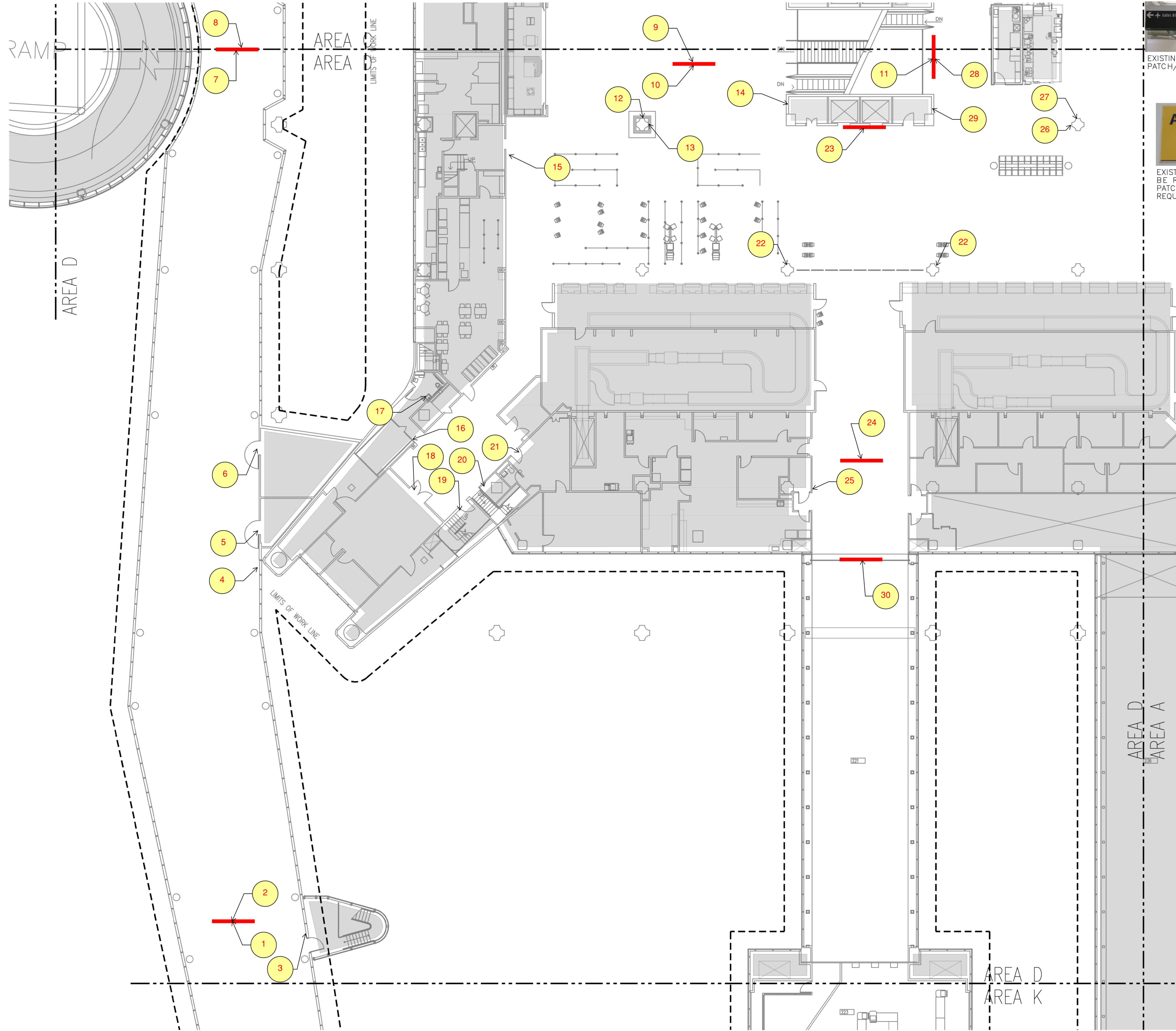
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO REMAIN



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



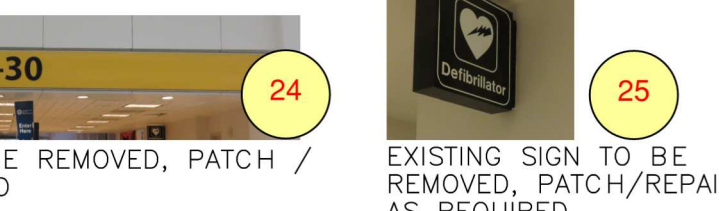
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH / REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



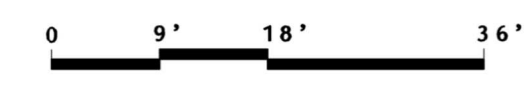
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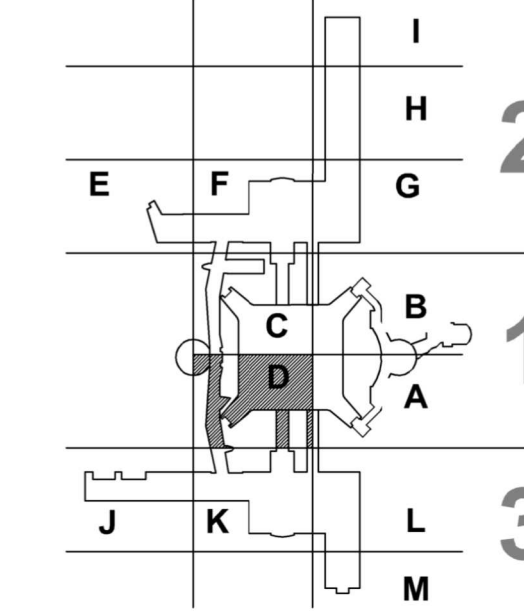
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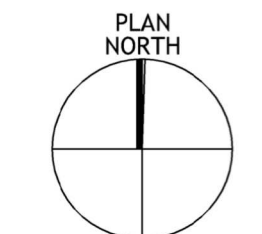
EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



KEY PLAN



*** NOTE ***
UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



FLOOR PLAN - LEVEL TICKETING - AREA D N.T.S. (1)

FILE NAME: AD2.201D - LEVEL TICKETING - LEVEL AREA D (2/20/20) DWG
DATE STAMP: 10/12/2018 4:22:24 PM

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ARCHITECT



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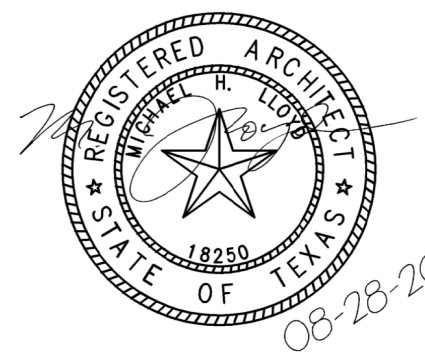
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OF DESIGN REPRESENTATIVE
DATE: _____
HAS TIP # 2575 -IAH

PROJECT NAME

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PROJECT LOCATION

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HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

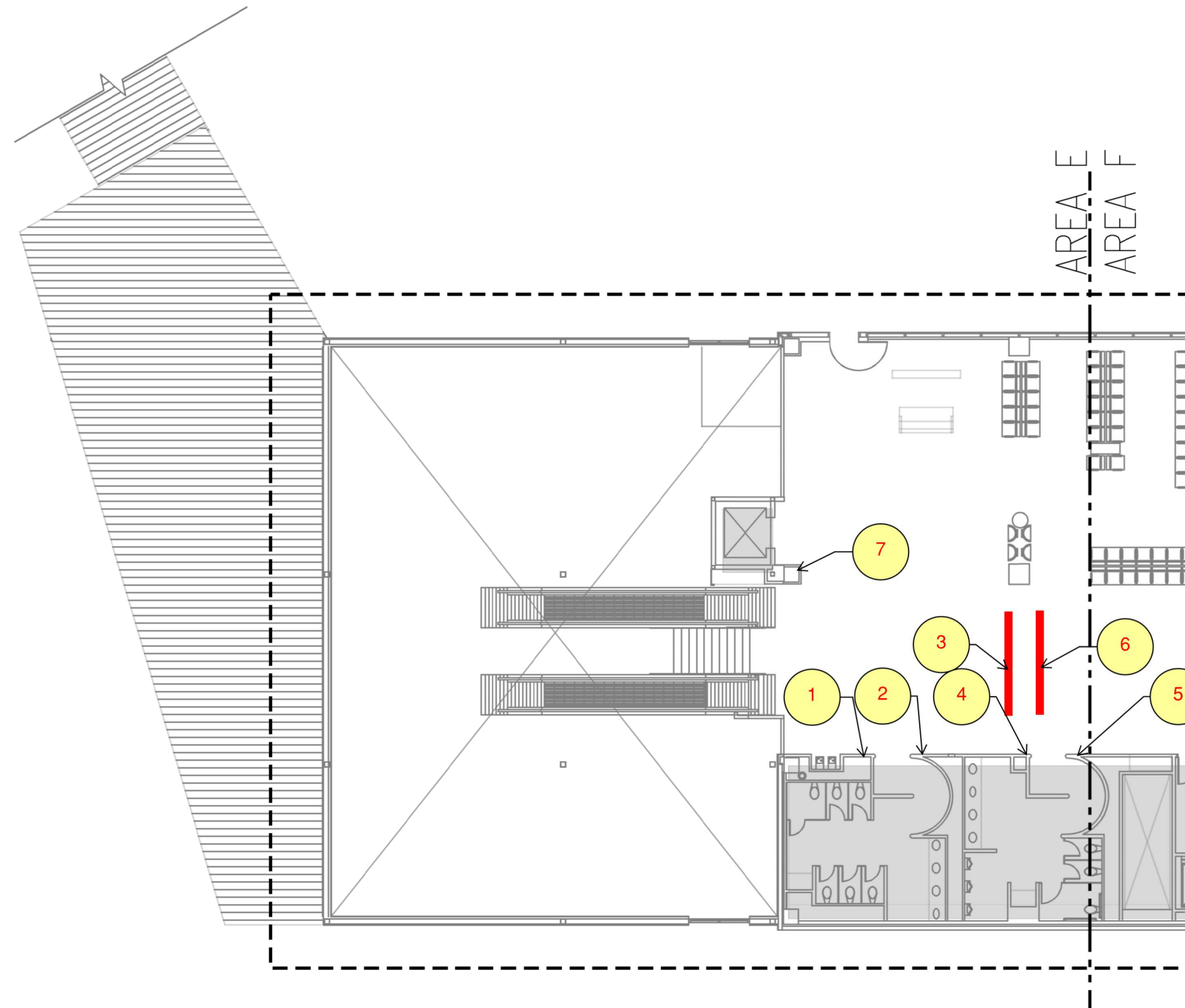
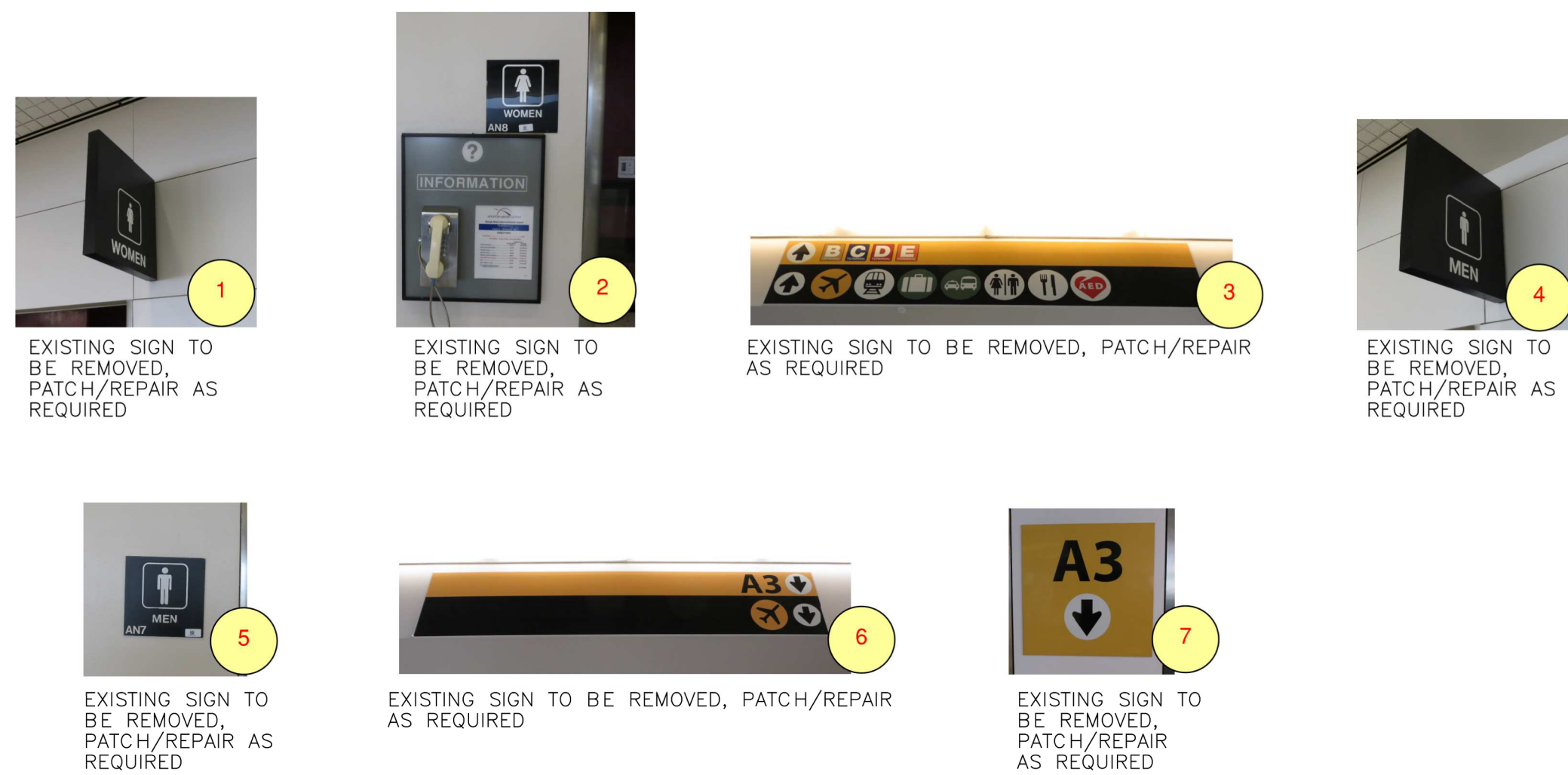
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SHEET TITLE

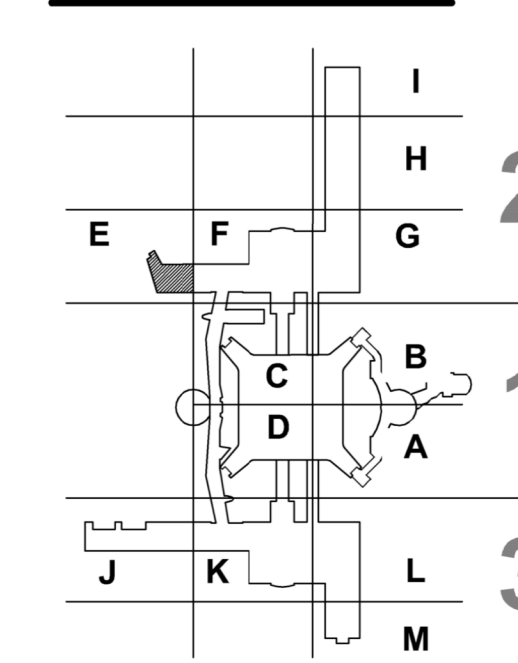
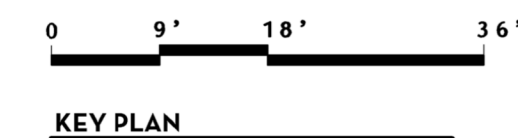
DEMOLITION FLOOR PLAN -
LEVEL TICKETING
SECTOR 01 - AREA D

SHEET NUMBER

AD2.201D



FLOOR PLAN - LEVEL TICKETING - AREA E2 | N.T.S. | 3



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 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.

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 [F] 713 968 9333
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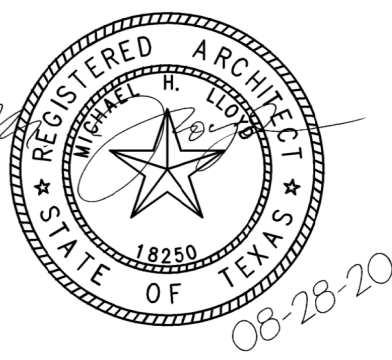
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
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 DIRECTOR OR DESIGN REPRESENTATIVE
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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

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1003770

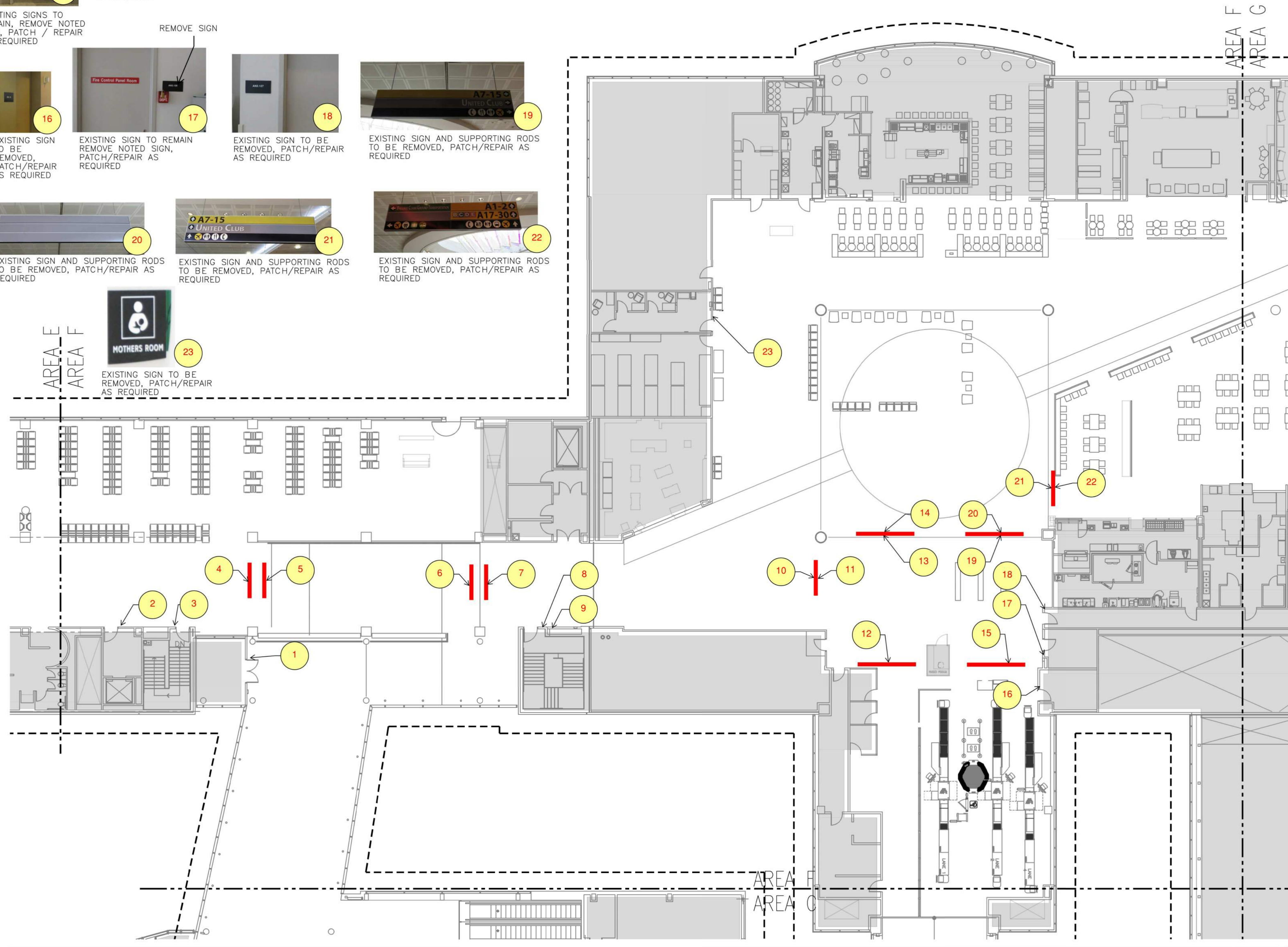
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DEMOLITION FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 02 - AREA E

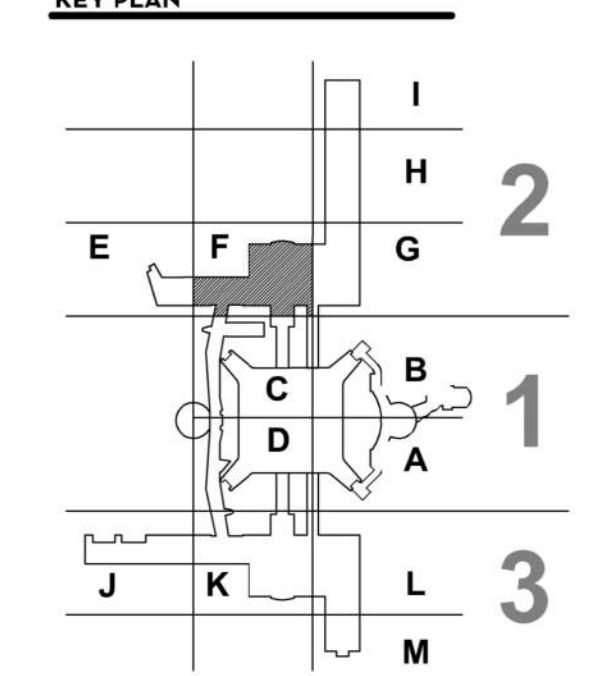
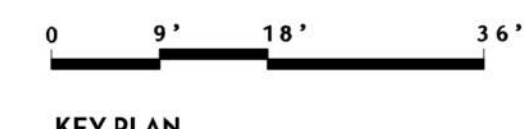
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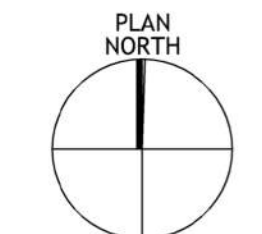
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 DATE STAMP: 10/16/2018 2:05:57 PM



FLOOR PLAN - LEVEL TICKETING - AREA F N.T.S. (1)



*** NOTE ***
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 [F] 713 968 9333
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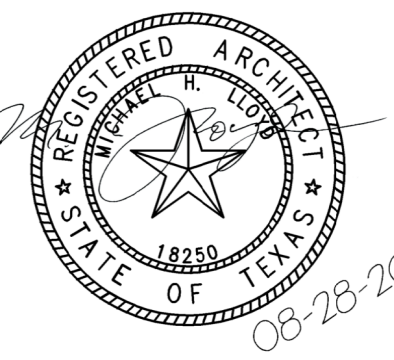
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:	DATE:	HAS TIP # 2575 -IAH
	HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE	

PROJECT NAME

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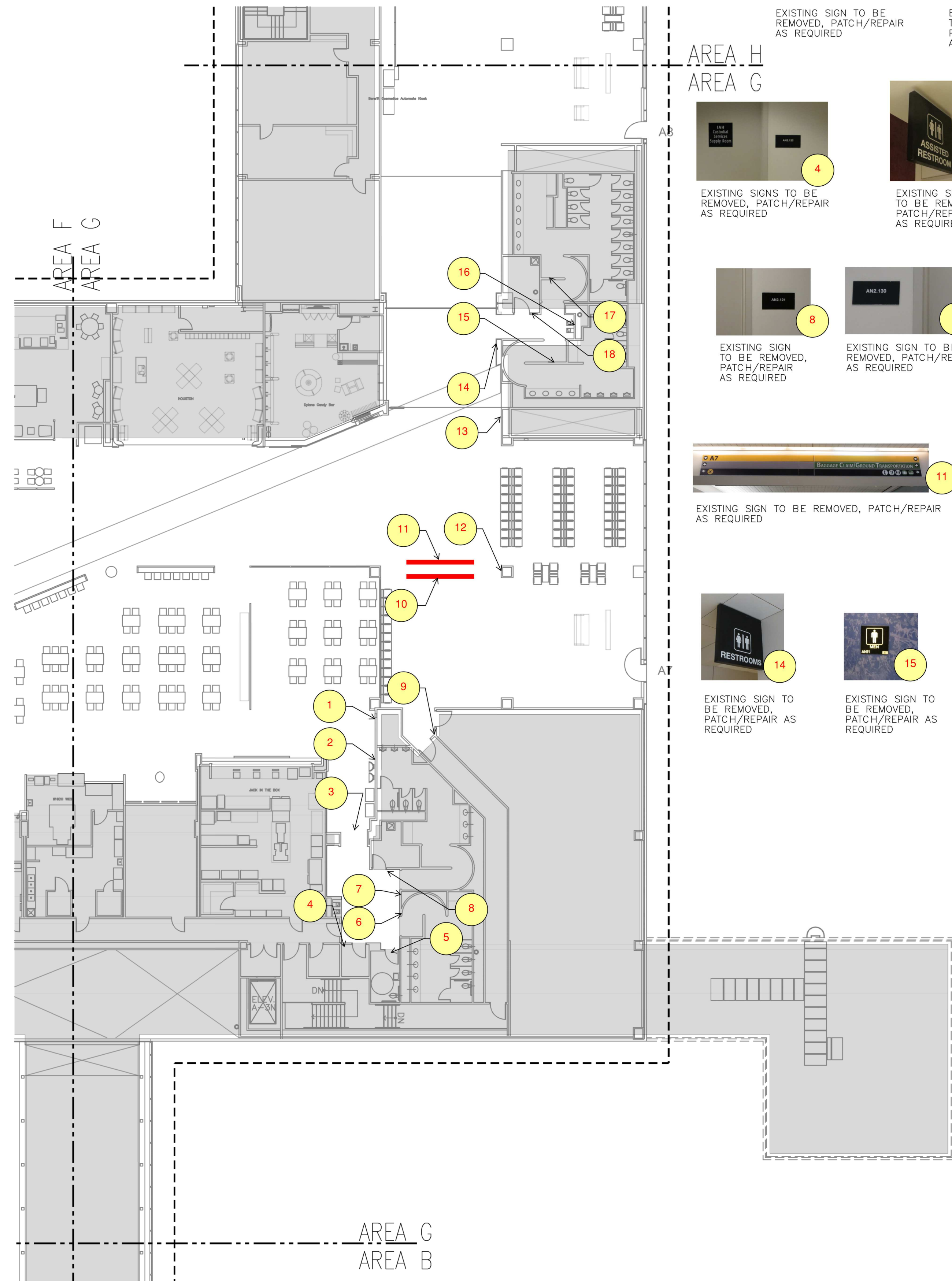
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SHEET TITLE

DEMOLITION FLOOR PLAN - LEVEL TICKETING SECTOR 02 - AREA F

SHEET NUMBER

AD2.202F



1 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

2 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

3 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED, NO REPLACEMENT SIGN.

4 EXISTING SIGNS TO BE REMOVED, PATCH/REPAIR AS REQUIRED

5 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

6 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

7 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

8 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

9 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

10 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

11 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

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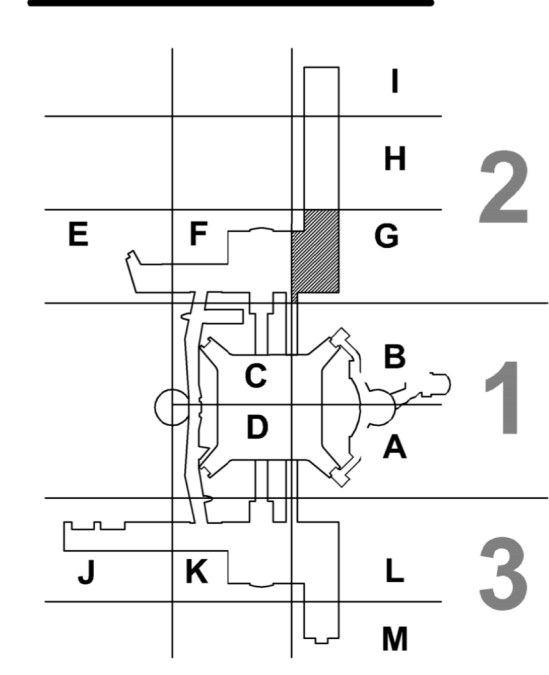
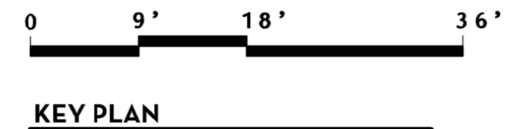
14 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

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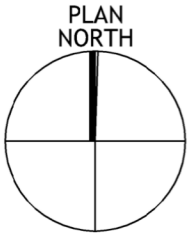
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18 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



*** NOTE ***
 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



FLOOR PLAN - LEVEL TICKETING - AREA G N.T.S. (1)

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ARCHITECT

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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:

HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE

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NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

SHEET TITLE

DEMOLITION FLOOR PLAN - LEVEL TICKETING SECTOR 02 - AREA G

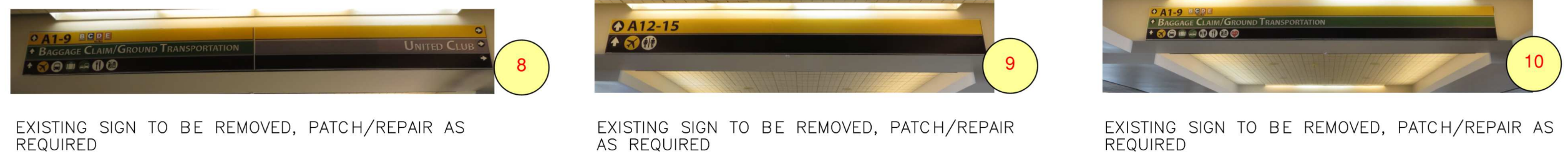
SHEET NUMBER
 AD2.202G



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED
 EXISTING SIGNS TO BE REMOVED, PATCH/REPAIR AS REQUIRED



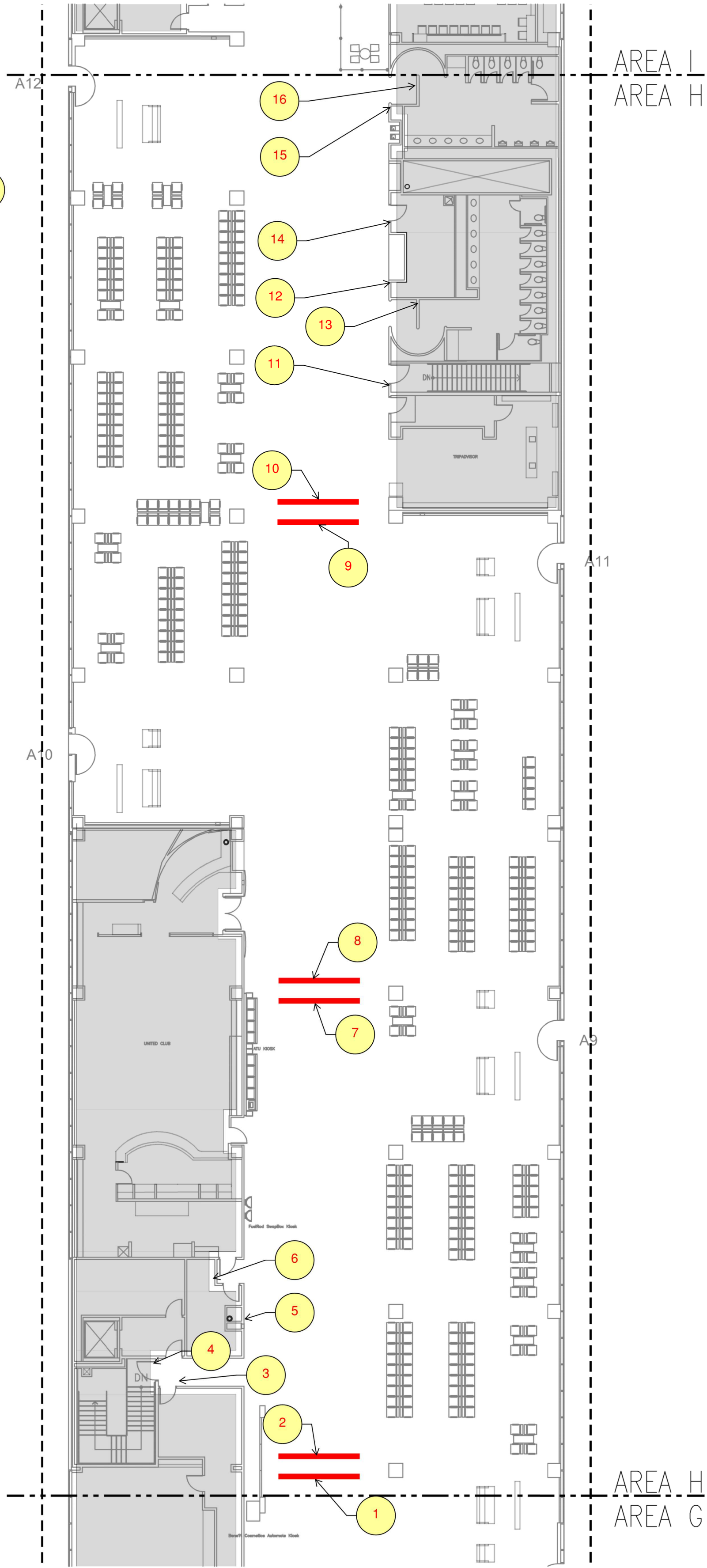
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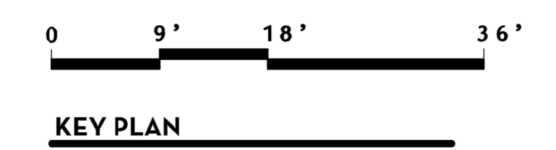
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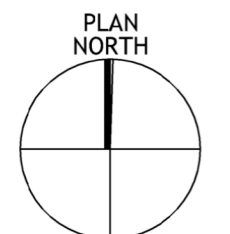
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 EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



FLOOR PLAN - LEVEL TICKETING - AREA H | N.T.S. (1)



*** NOTE ***
 UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.



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 16930 JOHN F. KENNEDY BLVD. HOUSTON TX 77032
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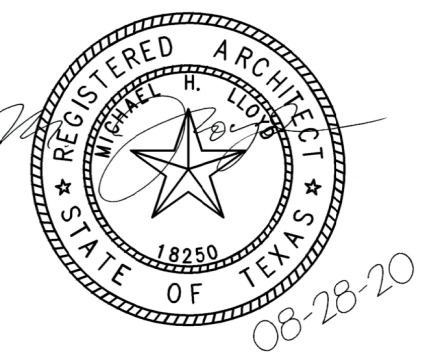


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DRAWING HISTORY

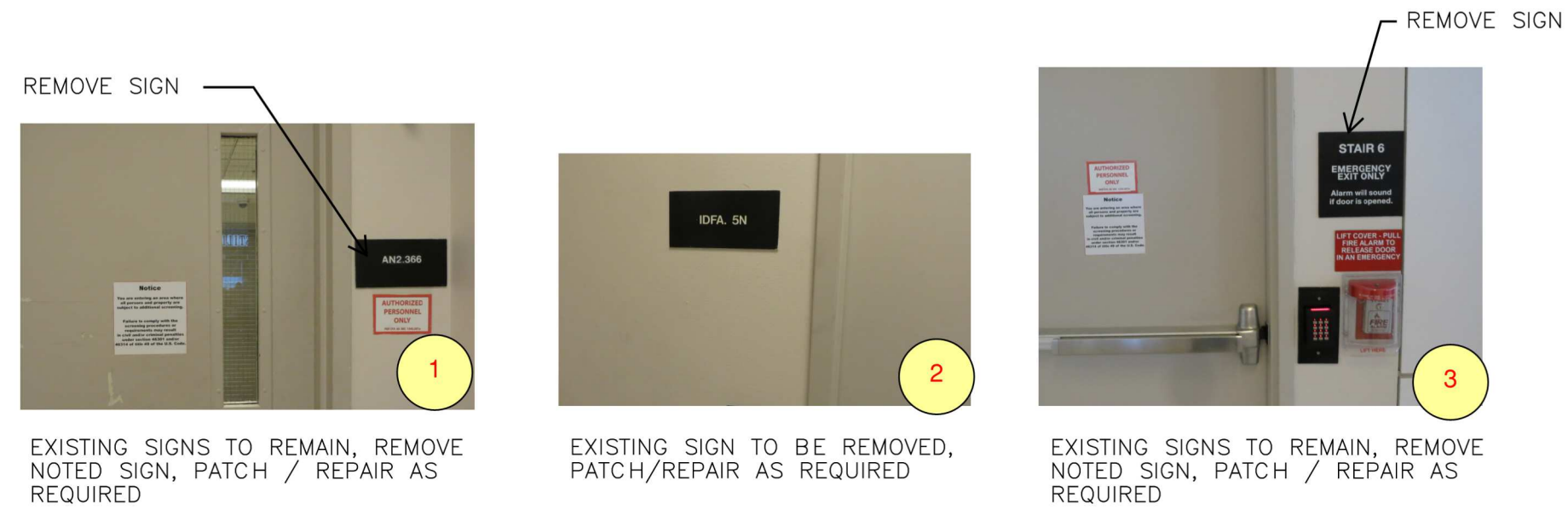
No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

SHEET TITLE

DEMOLITION FLOOR PLAN - LEVEL TICKETING SECTOR 02 - AREA H

SHEET NUMBER
 AD2.202H



EXISTING SIGNS TO REMAIN, REMOVE NOTED SIGN, PATCH / REPAIR AS REQUIRED

EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

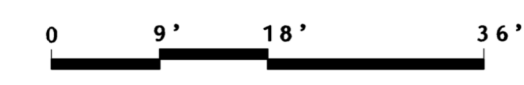
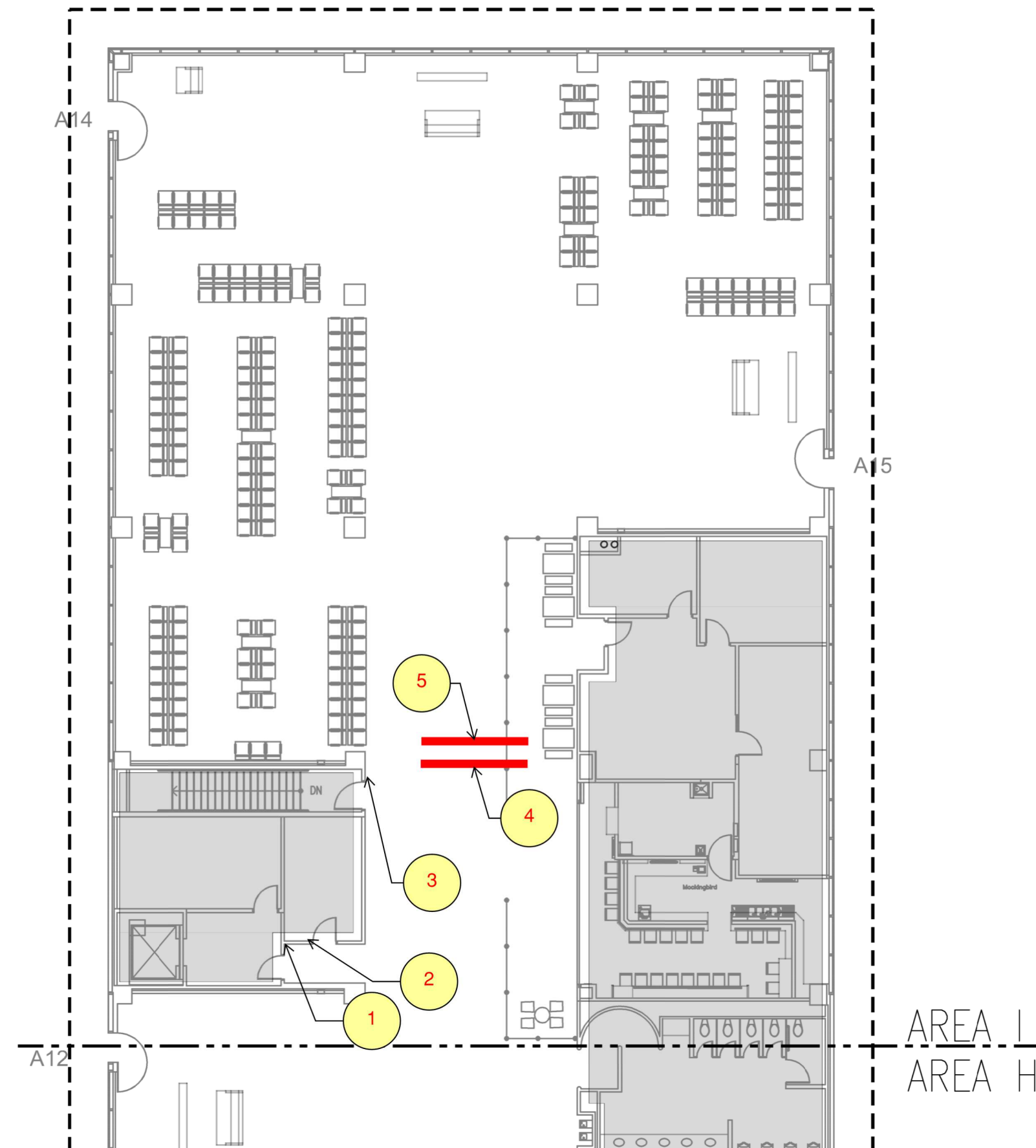
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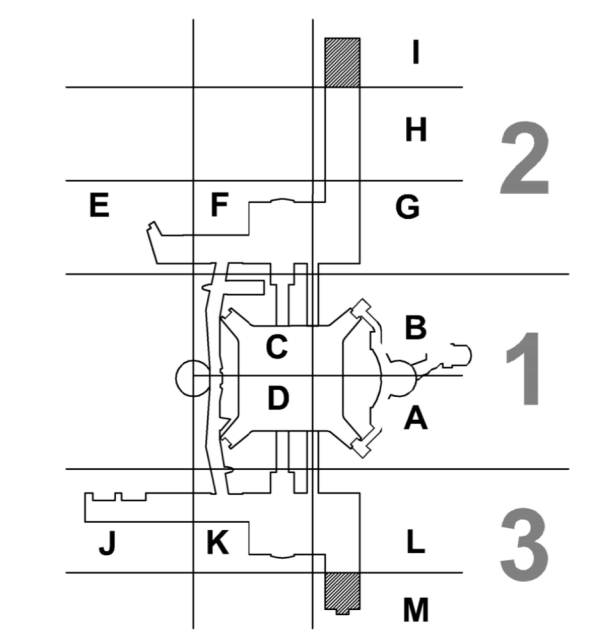
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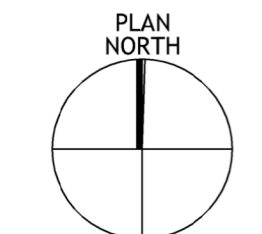
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KEY PLAN



*** NOTE ***
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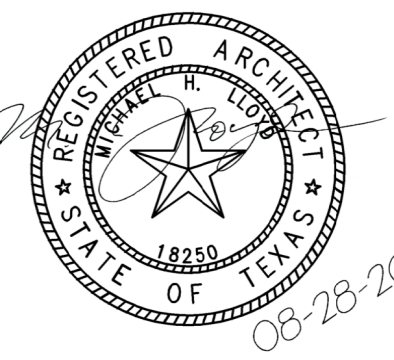
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PROJECT LOCATION

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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

DEMOLITION FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 02 - AREA I

SHEET NUMBER

AD2.2021



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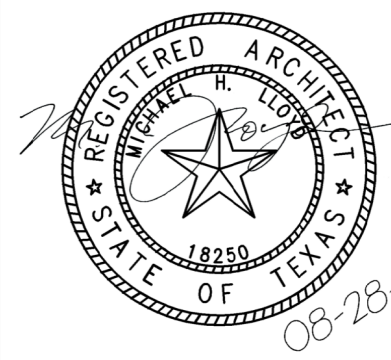
HAS REPRESENTATIVE

DEPARTMENT OF
AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OR DESIGN
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DATE:
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PROJECT NAME

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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

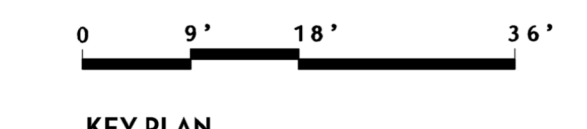
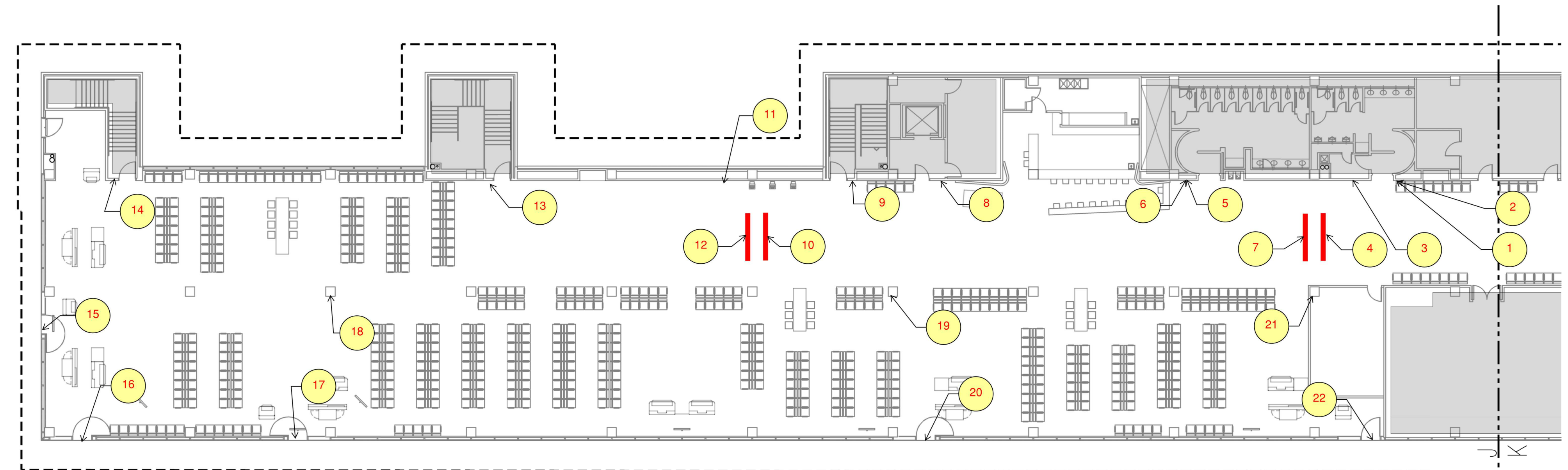
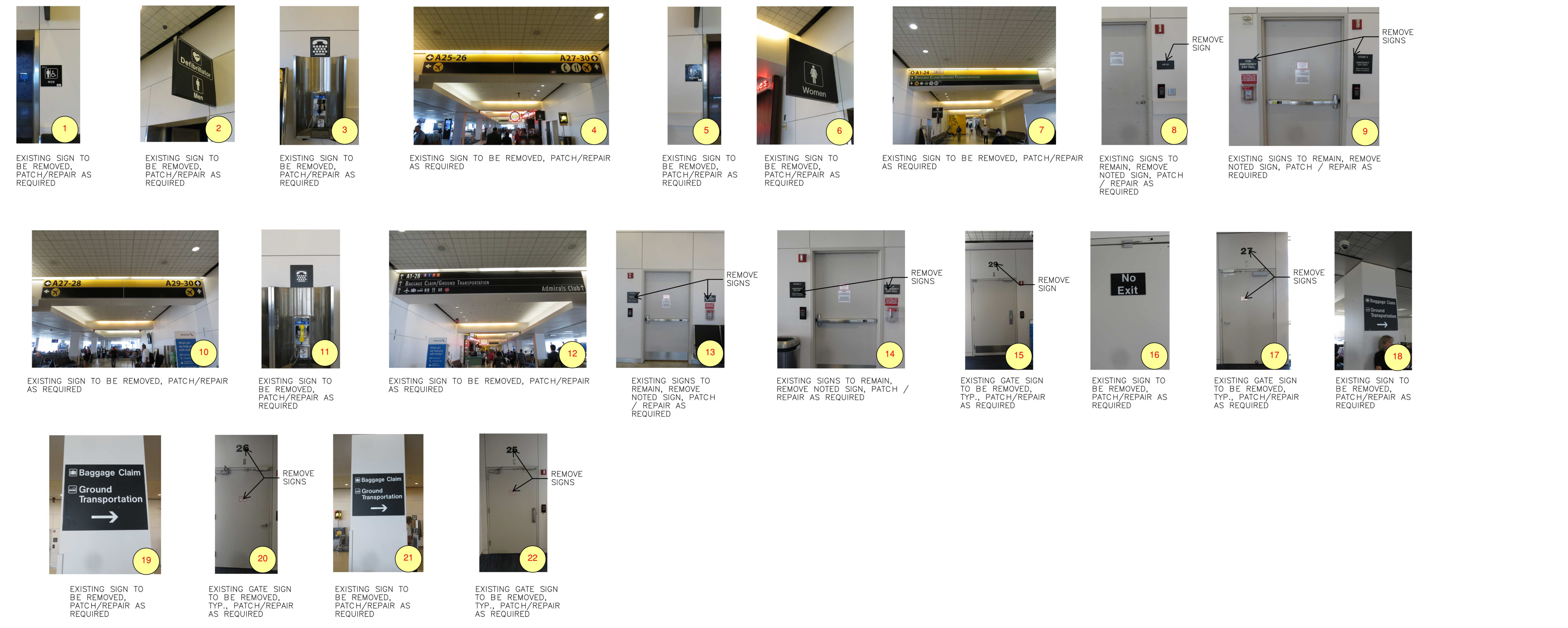
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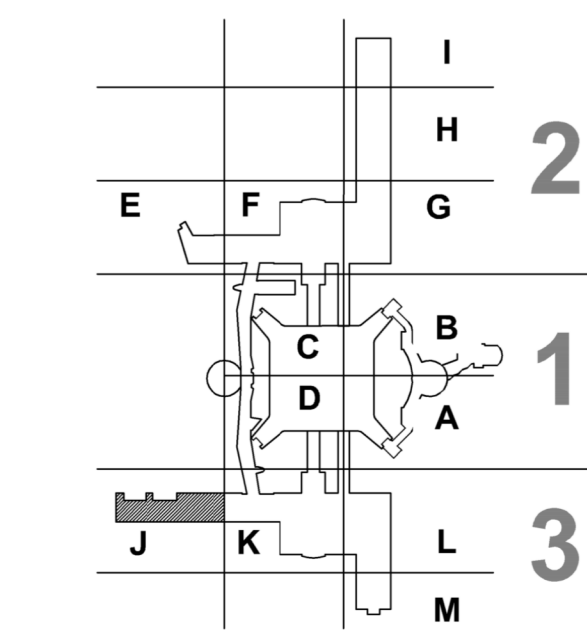
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LEVEL TICKETING
SECTOR 03 - AREA J

SHEET NUMBER

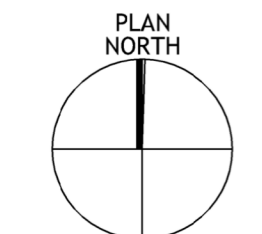
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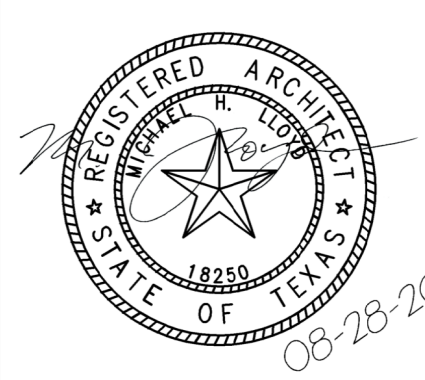
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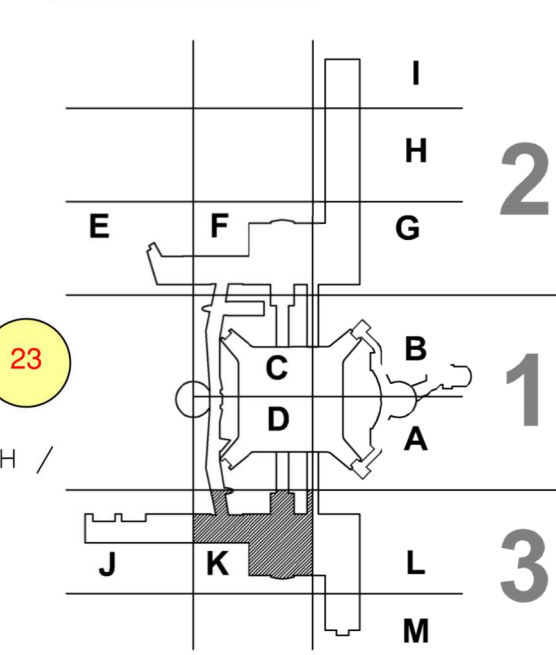
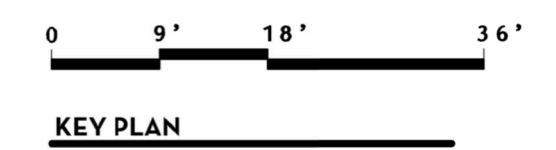
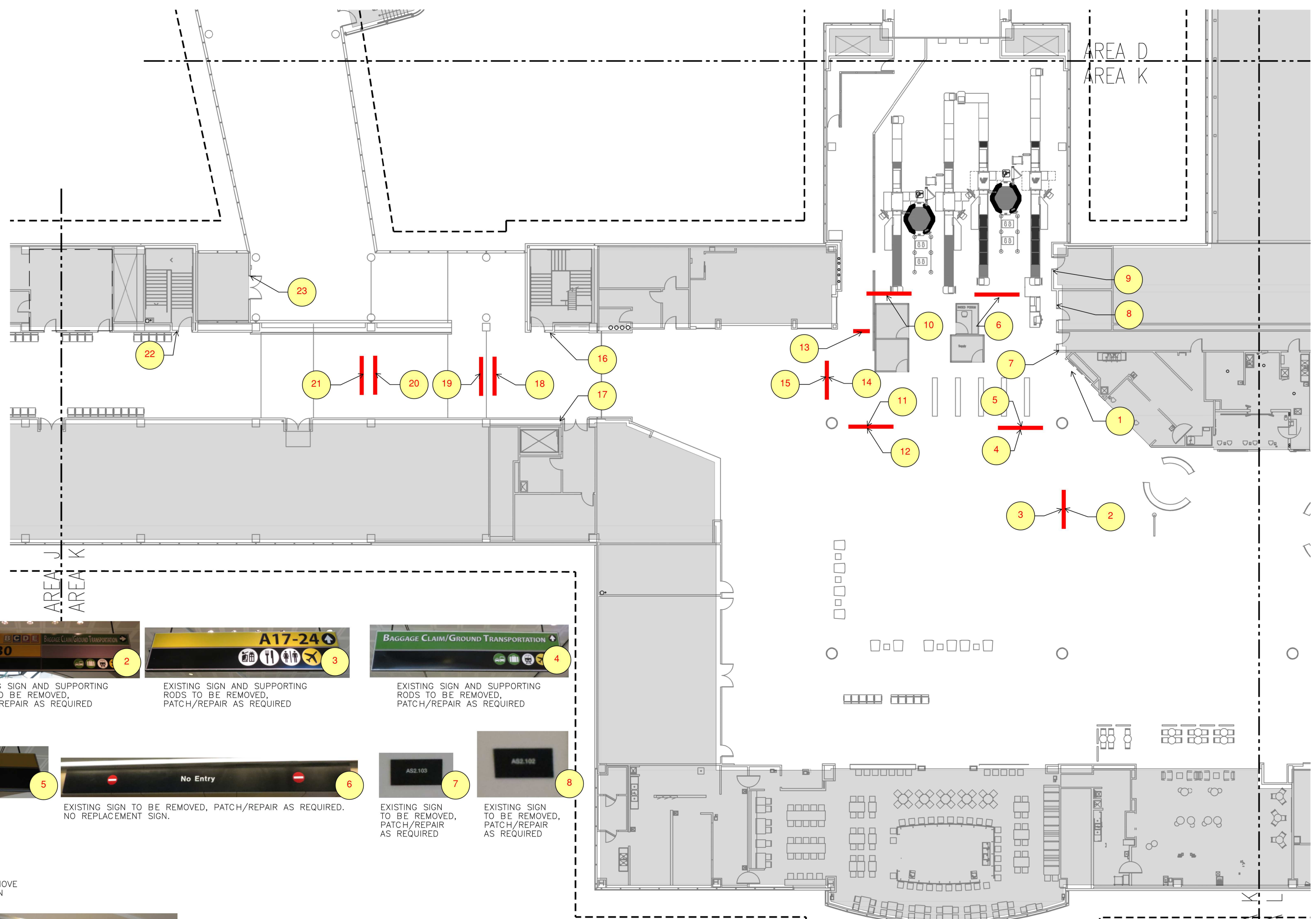
*** NOTE ***
UNLESS NOTED
OTHERWISE, ALL
REMOVED SIGNS
ARE TO BE
REPLACED WITH
A NEW SIGN.



FLOOR PLAN - LEVEL TICKETING - AREA J | N.T.S. | 1



NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20



*** NOTE ***
UNLESS NOTED OTHERWISE, ALL REMOVED SIGNS ARE TO BE REPLACED WITH A NEW SIGN.

FLOOR PLAN - LEVEL TICKETING - AREA K | N.T.S. | 1

FILE NAME: AD2.203L - DEMO PLAN TICKETING LEVEL AREA L (2/20/21) DWG
 DATE STAMP: 10/15/2020 3:08:35 PM

REMOVE SIGNS



EXISTING SIGNS TO REMAIN, REMOVE NOTED SIGNS, PATCH / REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED

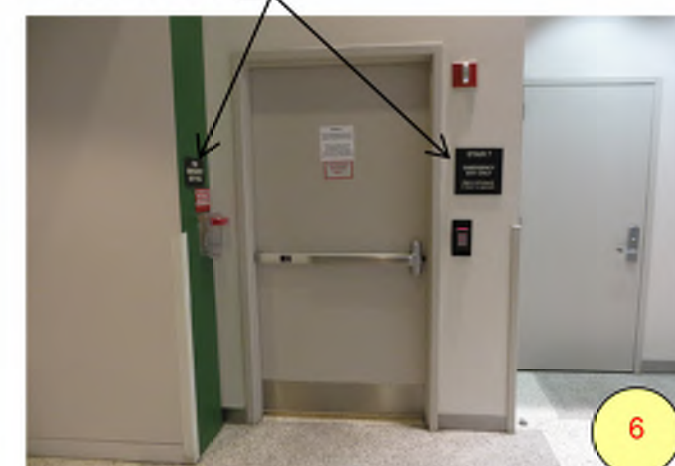


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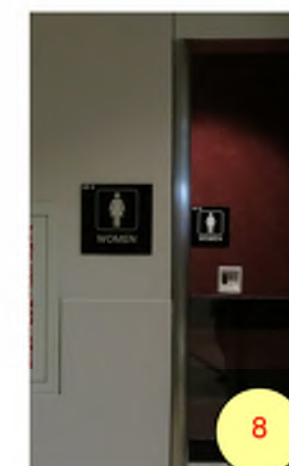
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EXISTING SIGNS TO REMAIN, REMOVE NOTED SIGNS, PATCH / REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



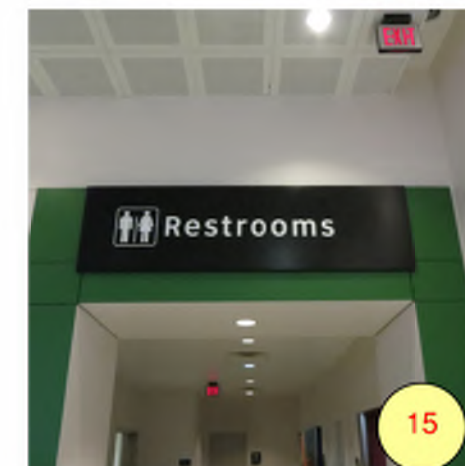
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



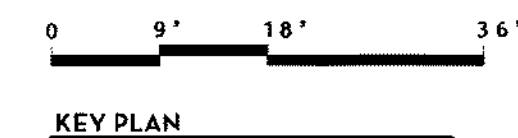
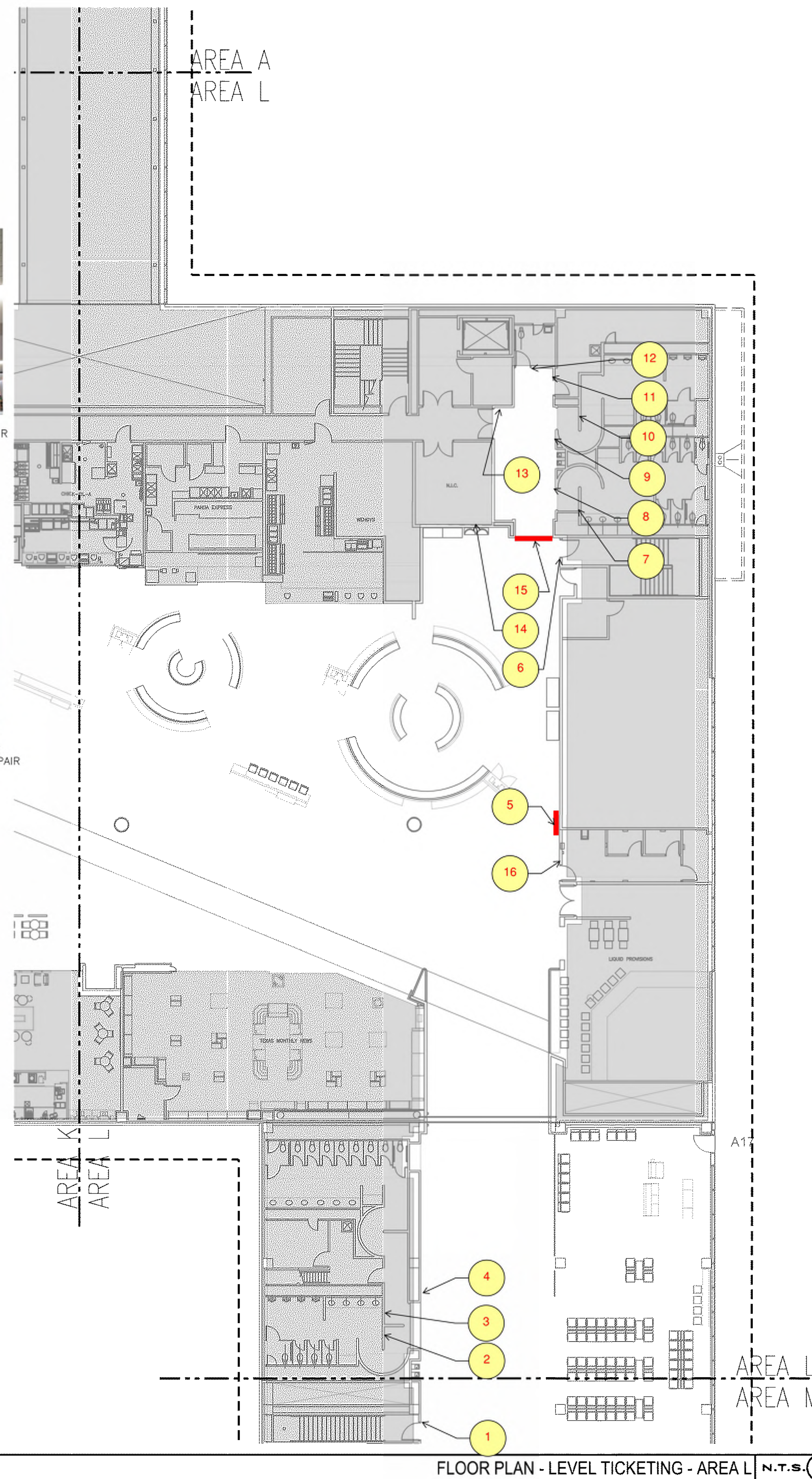
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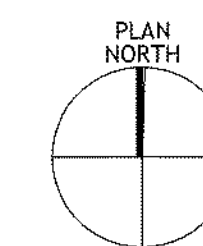
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



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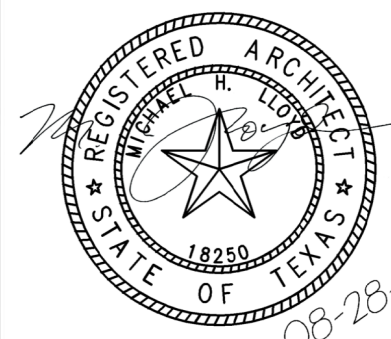
DEPARTMENT OF AVIATION
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 DIRECTOR OF DESIGN REPRESENTATIVE
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 HAS TIP # 2575 -IAH

PROJECT NAME

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PROJECT LOCATION

IAH TERMINAL A
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DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

DEMOLITION FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 03 - AREA L

SHEET NUMBER

AD2.203L



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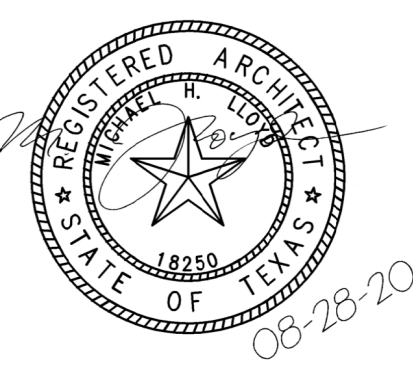
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
RECOMMENDED:
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DIRECTOR OR DESIGN
REPRESENTATIVE
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PROJECT NAME

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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

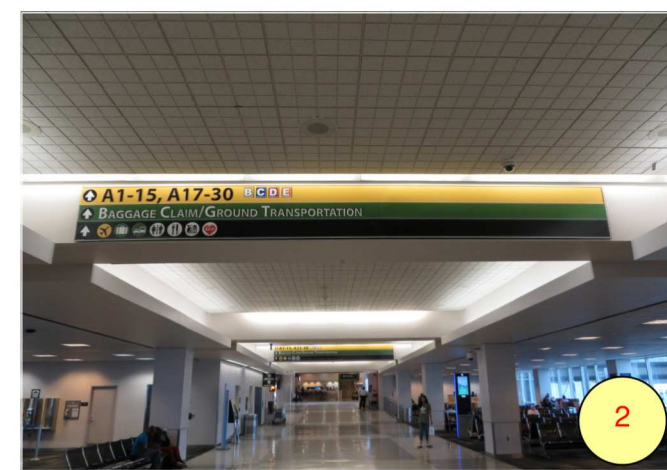
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LEVEL TICKETING
SECTOR 03 - AREA M

SHEET NUMBER

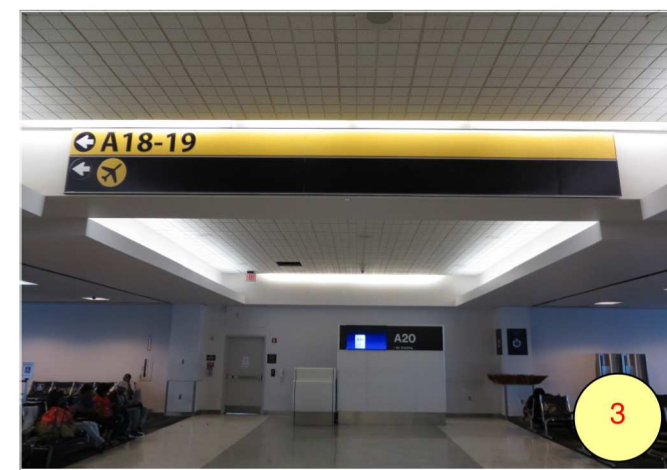
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EXISTING SIGNS TO REMAIN, REMOVE NOTED SIGNS, PATCH / REPAIR AS REQUIRED



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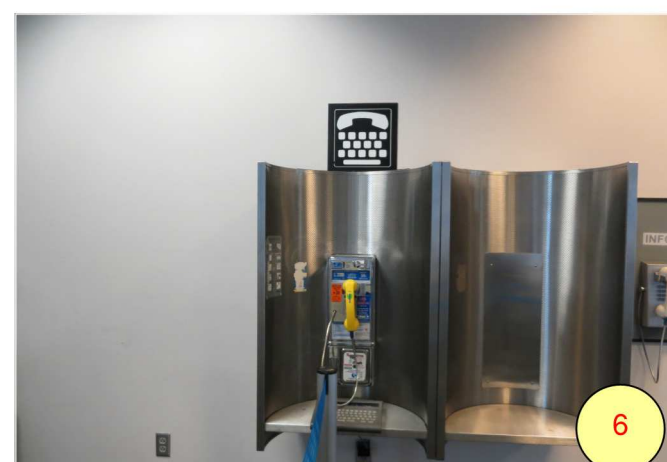
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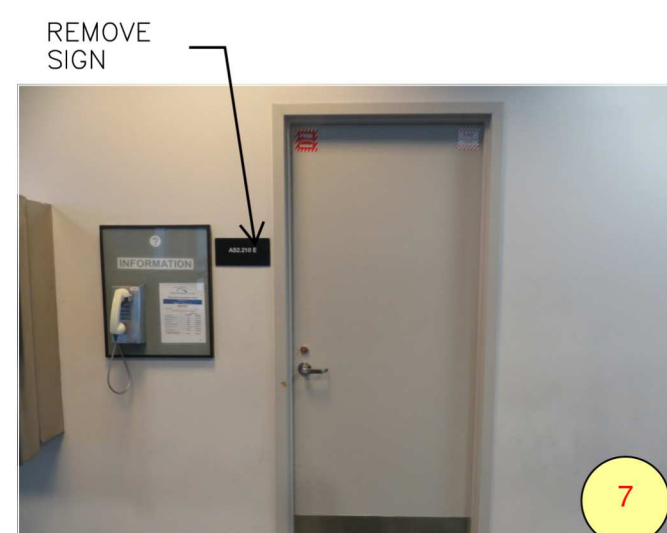
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



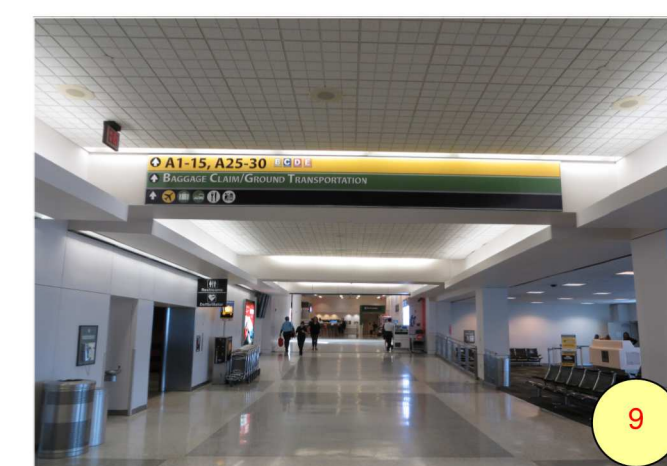
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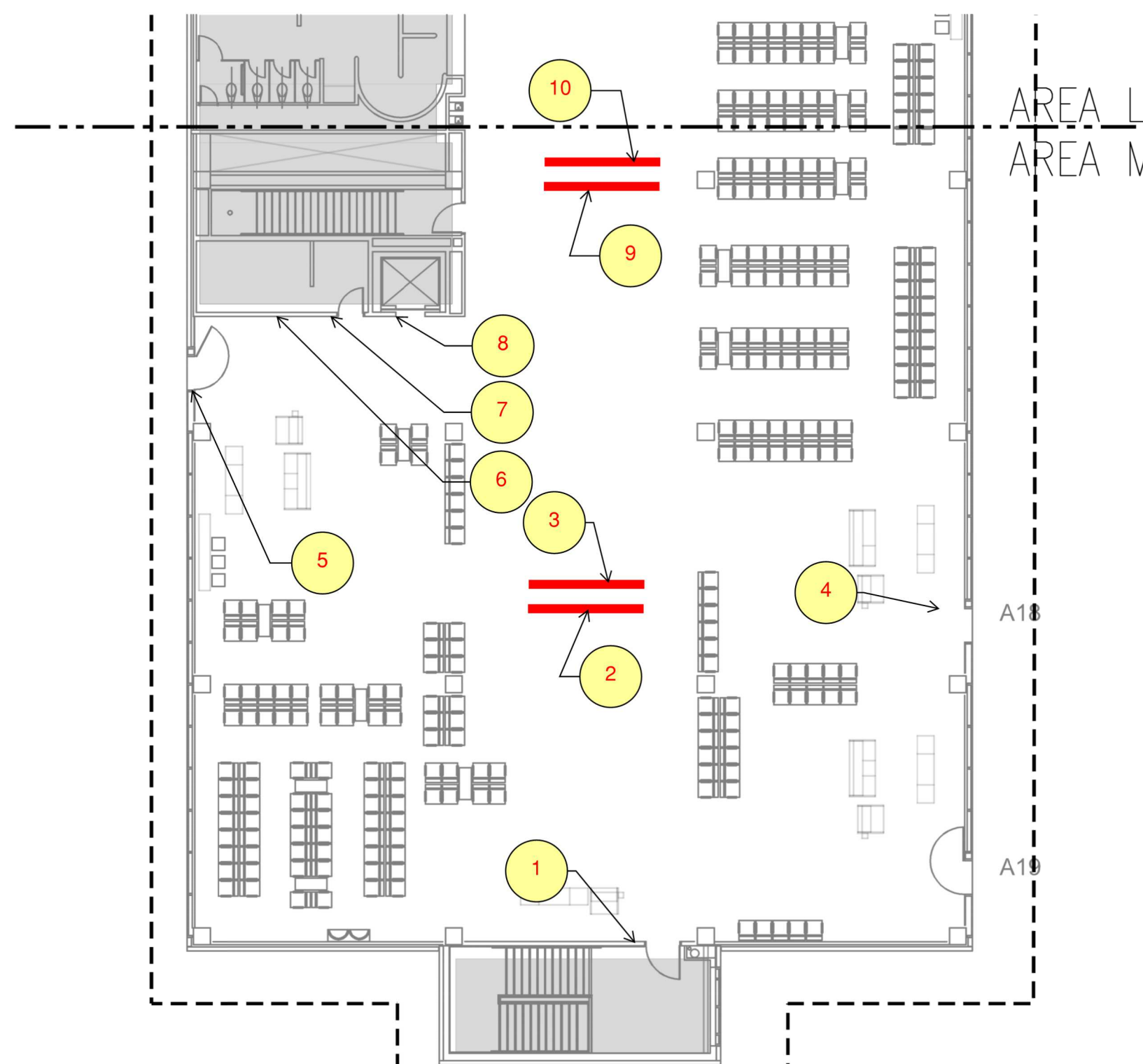
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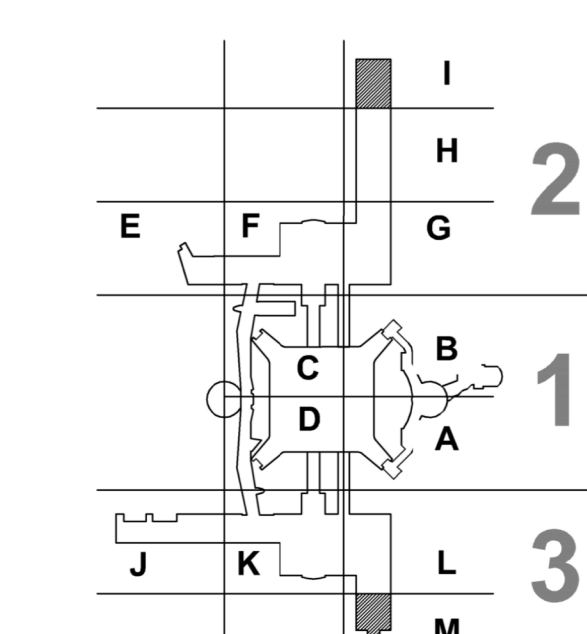
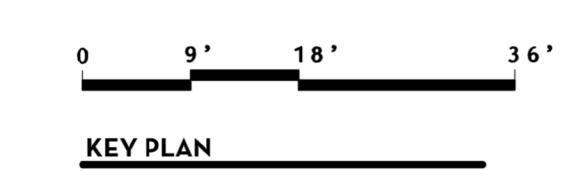
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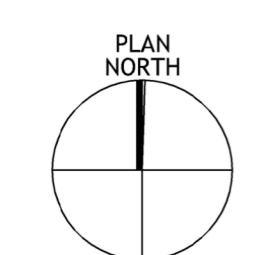
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FLOOR PLAN - LEVEL TICKETING - AREA M | N.T.S. (1)



*** NOTE ***
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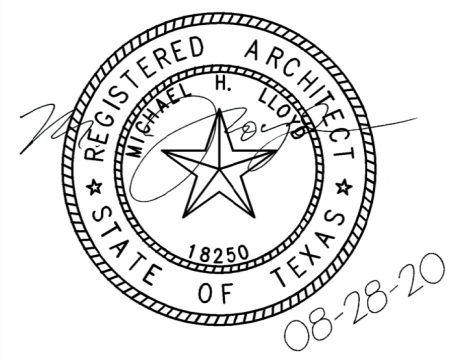


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HOUSTON AIRPORT SYSTEM
DIRECTOR OF DESIGN
REPRESENTATIVE
DATE:
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PROJECT NAME
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TERMINAL A SIGNAGE & WAYFINDING
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PROJECT LOCATION
IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032

DRAWING HISTORY table with columns: No., DESCRIPTION, DATE

PROJECT NUMBER
1003770

SHEET TITLE

DEMOLITION FLOOR PLAN -
LEVEL MEZZANINE

SHEET NUMBER

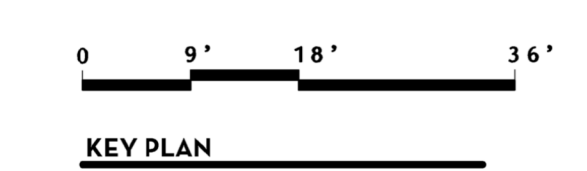
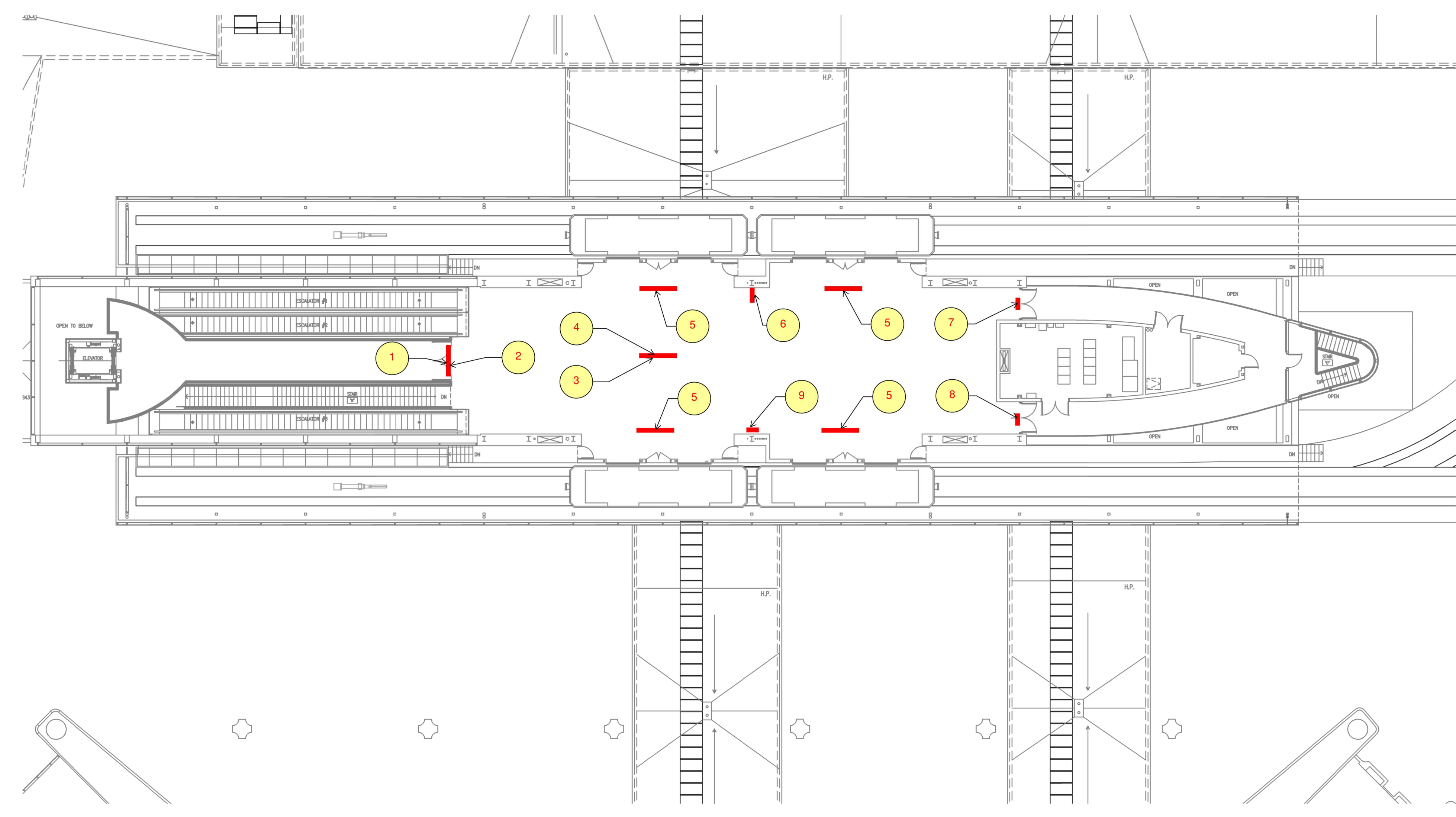
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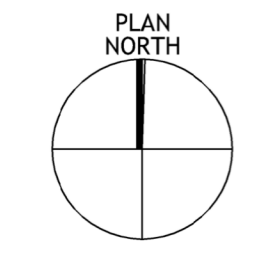
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EXISTING SIGN TO BE REMOVED, PATCH/REPAIR AS REQUIRED



*** NOTE ***
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FLOOR PLAN - LEVEL MEZZANINE | N.T.S. | 1

INTRODUCTION

Airports can be complex and difficult spaces to navigate. Numerous factors affect public perception and levels of customer service with the associated airport. This is particularly true when airport modifications or upgrade programs are undertaken. Older terminals and roadways typically have outdated and inconsistent wayfinding signage systems not reflective of current world principles and standards, and improvement projects create even more challenges for individuals functioning within the airport's wayfinding processes.

As an airport continues to evolve, it is important that its wayfinding and signage systems be designed to accommodate changes in a holistic manner. It must be understood that regardless of an individual facility's demarcation, the wayfinding pathways extend to and from the surrounding roadways, parking, curbsides, terminals and concourse areas. Facility architecture, services, functions and amenities, as well as vertical and horizontal routes, must always be carefully considered and viewed as part of the airport's interconnected and overall wayfinding system. A solid understanding of graphic/visual cues and human behavioral responses to wayfinding processes is paramount, and the established wayfinding system must also function seamlessly, within the built environment, without user hesitation or confusion, regardless of what area of the airport is being navigated.

BACKGROUND

Over the next several years, Houston Airport System (HAS) will be implementing major transformations within all of their Houston Metropolitan Area airport properties, including George Bush Intercontinental (IAH), William P. Hobby Airport (HOU) and Ellington Field (EFD). These terminals and their associated facilities, as well as their surrounding roadway systems, will be improved and/or expanded, creating continually changing wayfinding conditions.

Recognizing the complexity of their redevelopment plans, HAS commissioned Labozan Associates, Inc. (LAI) to provide wayfinding analysis and evaluation of the overall existing wayfinding signage programs at all three Houston airport properties. Starting with IAH, LAI developed and presented several conceptual signage options that established a new holistic and refreshed "HAS Branded" wayfinding signage system. Through the use of computer-rendered "before and after" walk-through simulations (focused on typical wayfinding pathways throughout all IAH terminal facility and roadway areas), the analysis identified potential discrepancies that may occur as a result of the Airport's redevelopment plans, as well as how the new wayfinding system would address those issues holistically. HAS staff and stakeholders reviewed and approved the final conceptual wayfinding system option during a multi-phased consensus-building process. This newly approved HAS branded wayfinding system will be implemented within all current and future Houston area HAS airport property improvement programs.

PURPOSE

This document presents information regarding the general design intent and planned implementation of HAS' new transitional wayfinding signage system within IAH's Terminal A during transitional conditions, and prior to the upcoming Terminal A modernization programs. It will present the new HAS transitional Terminal/Concourse wayfinding signage system with regards to specific graphic design standards, general wayfinding signage design intent detailing, general sign location plans and graphic depictions of all messaging per each sign location within the scope of the IAH Terminal A's transitional wayfinding program.

SCOPE

The scope of this document includes the general design intent, criteria and descriptions for the updated HAS wayfinding signage system as they pertain to implementation within IAH Terminal A's transitional interior Terminal/Concourse wayfinding program. This includes:

- Overview
- Graphic Standards
- Design Intent
- Sign Location Plans & Message Schedules

Signs regulated by this document:

- All in scope new HAS transitional wayfinding system signage (as shown within this document and within public-use areas only), including directional, identification and informational wayfinding signs (new transitional signs only)

Signs NOT regulated by this document:

- Wayfinding signage fabricated for final/permanent Terminal A conditions
- Garage/Parking signage
- Roadways Signage
- Tenant/concession/retail/advertising signs and standards
- Directory map artwork
- FIDS/BIDS/CUTE systems
- Regulatory or life-safety/egress signs
- Egress evacuation map artwork
- Branded Airline elements/systems/signs
- Rental car facilities/areas/signs
- Non-public, back-of-the-house, office or airside/runway/exterior areas/signs
- Sign demolition plans/details/etc
- Existing/non-updated (aka "older" or "original") IAH wayfinding signage

DOCUMENT ORGANIZATION

This document is organized into the following chapters:

1.0 Overview & Standards

Includes the purpose, background, scope of work, general requirements and descriptions of the HAS wayfinding system. Also includes specific graphic and design criteria/universal standards applicable to all HAS wayfinding signage:

- Messages & Terminology - includes standardized HAS message hierarchy and terminology for each category organized by sign type/message priority (primary, secondary and tertiary).
- Typography - includes descriptions/uses of HAS wayfinding typography.
- Symbol Standards - includes a list of all HAS wayfinding universal symbols.
- Arrow Standards - includes HAS arrow standards, sizes, applications/meanings, rotation angles and placement.
- Color Standards - includes all universal color standards as applicable to the overall HAS wayfinding system.
- Sign Family Overview - includes a brief organized index of sign types.

2.0 Design Intent - Sign Types

General design intent of new HAS wayfinding signage, including design intent notes, face layouts, general mounting and intended sign usage.

3.0 Design Intent - Signage Details

Additional design intent details for wayfinding signage.

4.0 Location Plans & Message Schedules: Terminal A

Sign location plans and message schedules showing intended locations and messages of updated Terminal/Concourse wayfinding signage (new signs only).



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These documents are intended to illustrate design intent, and should only be used as a general guideline. No information contained here should be construed as engineered elements. The fabricator/contractor shall be responsible for all engineering and specifications with regard to structural, electrical, mechanical, foundation and installation. Information and illustrations contained here are part of an original unpublished design by Labozan Associates, Inc. Detailing and information contained on these pages shall not be reproduced, copied or utilized in any way except for the specific project for which they were created without previous written authorization from Labozan Associates, Inc.

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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:

This record contains Sensitive Security Information that is controlled under 49 CFR parts 15 and 1520. No part of this record may be disclosed to persons with a "need to know," as defined in 49 CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C. 552 and 49 CFR parts 15 and 1520.

GOVERNING BODIES, CODES & REGULATIONS

Governing bodies, codes, city ordinances and standards affecting the HAS wayfinding sign system are outlined in this section. The accompanying lists have been compiled from various entities and codes affecting HAS properties, however, it is not to be considered a complete or final list of requirements. These lists have been initially established by HAS, and changes will be coordinated with and approved by HAS as required on an individual case-by-case basis. If there is a conflict between a requirement listed here and another authoritative code or standard, the more stringent one shall be applied.

NOTE: This section is for general reference only. It is the responsibility of the Fabricator/Contractor/Installer to always fabricate/engineer/install all signage to meet or exceed all current applicable local, state and national codes and regulations.

General Requirements

- An eggshell or satin finish (11 to 19 degree gloss on 60 degree gloss meter) on sign faces and elements is to be used in order to eliminate distracting levels of sheen.
- Letters and numbers on signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke-width-to-height ratio between 1:5 and 1:10.
- Characters and numbers on signs shall be sized according to the viewing distance from which they are to be read unless otherwise noted. The minimum height is measured using a capital letter height, and is shown as an "X" for the basis of measurement reference.
- Elements and spaces of accessible facilities which shall be identified by the "International Symbol of Accessibility" are:
 - Parking spaces designated as reserved for individuals with disabilities
 - Accessible passenger loading zones
 - Accessible entrances when not all are accessible (inaccessible entrances shall have directional signs indicating the route to the nearest accessible entrance)
 - When older facilities contain non-accessible elevators and/or restrooms, the accessible elevators and restrooms must be identified as such
 - All other requirements as dictated by local, state and national standards/building codes and regulations

Governing Bodies & Authoritative Organizations

The following list includes (but may not be limited to) the governing bodies and authoritative organizations as applicable to design and engineering at HAS properties:

- AAAE: American Association of Airport Executives
- AASHTO: American Association of State Highway & Transportation Officials
- ACC: Airport Consultants Council
- AIGA: American Institute of Graphic Arts
- ANSI: American National Standards Institute
- ASTM: American Society for Testing and Materials
- ATA: Air Transport Association of America
- AWI: Architectural Woodwork Institute
- CAA: Civil Aeronautics Administration
- CAB: Civil Aeronautics Board
- CABO: Council of American Building Officials
- CSI: Construction Specification Institute
- FAA: Federal Aviation Administration
- FHA: Federal Highway Administration
- IATA: International Air Transport Association
- NEMA: National Electric Manufacturers Association
- NFPA: National Fire Protection Association
- TXDOT: Texas Department of Transportation
- Other governing bodies and authoritative organizations as deemed necessary by HAS

Codes & Regulations

The following list includes (but may not be limited to) the governing bodies and authoritative organizations as applicable to design and engineering at HAS properties:

- ADA: Americans with Disabilities Act
- ANSI: American National Standards Institute
- IBC: International Building Code
- LSC: Life Safety Code (written by the NFPA)
- NEC: No Exposure Certification
- SPC: Standard Plumbing Code (written by the NFPA)
- SBCCI: Standard Building Code
- TDLR: Texas Department of Licensing and Regulation
- UBC: Uniform Building Code
- Other codes and regulations as deemed necessary by HAS

DESIGN INTENT: DEFINITION & LIMITATIONS OF THIS DOCUMENT

Labozan Associates, Inc. (LAI) creates design intent documentation/specifications for the purposes of illustrating new wayfinding signage system design intent only, as it relates to the applicable wayfinding project and its predefined area of scope. LAI is not responsible or liable in any regard for final engineering, material selection, fabrication, installation or performance specification of any kind. The included design intent documentation and specifications are based on the most recent information and drawings as provided to LAI by HAS and the Project Team at the time of publication. Any included drawings, specifications or information within LAI's design intent documentation is to only be used as a general guideline. No information contained within LAI's design intent documentation or specifications should be construed as engineered elements or used for the purposes of final sign fabrication, specification or installation. The Fabricator/Contractor/Installer is responsible for all final design, engineering, fabrication and material specifications with regard to all structural, electrical, mechanical, foundation, installation and material selection/processes, and must be approved by HAS prior to final fabrication/install. In addition:

- All final design, engineering and amount/sizing of structural sign support elements, material types/thicknesses, dimensions, welds and attachment methods shall be performed and approved by an engineer licensed in the State of Texas to meet or exceed all applicable local, state and national codes, standards and regulations. Where a conflict occurs between LAI's design intent documentation/specifications, the more stringent requirements per all codes apply.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer, and the Contractor/Fabricator/Installer must ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications are to be provided by the Contractor/Fabricator/Installer within their final fabrication-ready shop drawings and must be approved by HAS prior to final fabrication and installation.
- Wherever dissimilar metals or possibly corrosive installation surfaces are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic, moisture related and all other types of corrosion.
- Final fabrication methods, materials, quality and fit/finish to be reviewed and approved by HAS through prototype reviews and testing prior to final fabrication production run/installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and/or variance of electronic screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- All messages shown in this document must be reviewed by the Contractor/Fabricator/Installer prior to final fabrication and installation (see message schedules for actual messaging by individual location and sign type). Any discrepancies will be identified, documented, corrected and coordinated with HAS during the C.A. process and prior to final fabrication and installation.
- Sign locations/orientations and plans shown are approximations based on the most current plan drawings as provided to LAI at the time of the document's completion. Sign locations are for general design intent and wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking and documentation of every final location is to be performed by the Contractor/Fabricator/Installer and coordinated with HAS for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities/property-line/other existing or future interferences, and must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to sign locations shown must be documented by the Contractor/Fabricator/Installer and provided to HAS for final approval.
- Demolition plans of existing wayfinding signage is not in scope nor included; survey, removal and/or relocation of existing signage is to be coordinated by the Contractor/Fabricator/Installer with HAS.



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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1.1 INTRODUCTION

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Sheet: 1-2

MESSAGE FUNCTIONS

This section defines the four basic functions of a “message” as it pertains to the HAS wayfinding system. It is to be utilized by anyone designing or specifying new or updated wayfinding signage to be implemented at HAS airport properties.

Directional Messages

Directional messages are the main source of information enabling wayfinding traffic to choose the proper route to a specific destination point. This process involves selecting the correct destination point, and then determining at which point a change of direction will be required. Properly placed directional signage at decision points in adequate quantities is necessary for rapid movement of passengers, employees and vehicles.

Identification Messages

Identification messages mark specific locations/destinations within a defined area or environment. In addition to these locations, identification messages provide proper public exposure to leased tenant spaces and other spaces as governed by Airport Management.

Informational Messages

Informational messages typically provide specific, detailed and supplementary wayfinding information to assist in orientation within an unfamiliar and/or complex environment. In addition, informational messaging that is graphic in nature (i.e. directory maps) help with providing precise locations for the user in context to the overall facility and its destinations/amenities/etc..

Regulatory / Safety Messages

Regulatory/Safety messages relate to DPS, FAA, TSA and CBP requirements, as well as other federal, state, and local city codes/regulations. In general, these messages provide travelers with important regulatory information, such as travel advice, warnings and restrictions.

Transitional Messages

Transitional messages generally fall into a separate category of messages, and are typically established during the course of fluctuating transitional wayfinding conditions due to construction related processes. Transitional signs shall only be used on an transitional basis while permanent signs are in the process of fabrication, repair and/or maintenance. Transitional signs are also an excellent way to test new wayfinding elements and locations prior to final fabrication. Note that all transitional messages shall be reviewed and approved by HAS and Airport Management prior to implementation.

MESSAGE HIERARCHY

This section defines standards for a complete and uniform hierarchy of HAS wayfinding system messages and terminology. These standards shall be utilized for all new and updated wayfinding signage implemented at HAS properties.

The need for visual continuity among all messages and information of the same hierarchy will help eliminate elements which may interrupt the functional wayfinding process or add confusion. Clear and concise information presented by Primary and Secondary signs/messaging systems ensure efficient passenger circulation. Tertiary signs/messaging must always be coordinated with primary and secondary signs/messaging, as well as interior design features and elements. This tertiary category of signs should also always be visually distinguished from other wayfinding signs.

Messages will always be organized and maintained within three distinct and functionally tiered categories: Primary, Secondary and Tertiary (see Figures 1.3.1a thru 1.3.1d for full message hierarchy lists).

Primary Messages

This information shall be the largest and the most visible information on each sign. Primary information includes, but may not be limited to:

- Exterior direction to and identification of Terminal(s).
- Exterior direction to major vehicular arteries (i.e. nearby access roads).
- IAH example: interior direction to and identification of multiple Terminals if applicable (i.e. A, B, C, D, E) and inter-terminal transit (i.e. Skyway and Subway trains)
- Interior direction to and identification of Gates.
- Interior direction to and identification of Baggage Claim and Check-In.

Secondary Messages

This information supplements and reinforces information already conveyed by the primary messages and signs listed above. It usually indicates the auxiliary services and support functions of the facility. Secondary information includes, but may not be limited to:

- Exterior direction to and identification of Check-In, Baggage Claim, and specific Parking Facilities/Areas
- Exterior identification of Rental Car Return, Airport Exit, etc..
- Interior direction to and identification of Elevators and Restrooms.
- Interior direction to Parking and Ground Transportation.

Tertiary Messages

Tertiary sign information supplements both the primary and secondary messages, and typically informs visitors of regulations and warnings. All regulatory/safety signs are generally considered to be tertiary within the HAS wayfinding system. Tertiary information includes, but may not limited to:

- Exterior and Interior TSA related notification messages.
- Interior CBP related notification messages.
- Exterior “No Parking” messages.
- FAA required warnings, notifications and information.
- Other messages required by code.

MESSAGE TERMINOLOGY

Basic Requirements

Terminology, or nomenclature as it applies to airport signage and wayfinding systems, is a standardized set of words, syntax, grammar, spelling, and symbols used to communicate information to the user of the airport. Terminology systems ensure that information is presented in a consistent way, and that the content of this information is always clear and concise. When a term is shown with a corresponding symbol, that term will always appear with its symbol as indicated in Figure 1.4.1, unless otherwise noted.

Change Procedures for Terminology

Consistent use of terminology for established messaging within the HAS wayfinding system is always required. All changes to or additions of new terminology shall require coordination, review and approval by HAS.

FOREIGN LANGUAGE: APPLICATION & USE

Universal Symbols

Using universal symbols will assist international and non-English speaking travelers with locating airport destinations in a universal manner, while also eliminating the possibility of unintended bias for individual groups and languages. See Section 1.4 Graphic Standards - Symbols.

Informational Wayfinding Signage and Supplemental Materials

Accommodating multiple languages on informational wayfinding signage (i.e. directories and information centers), as well as supplemental materials (such as hand-outs and maps) is the recommended and preferred method of providing detailed wayfinding information to the most diverse groups of non-English speaking airport users. Standards and guidelines for this type of information is not covered within this document and is to be coordinated with HAS as applicable and required.

Foreign Language Translations

Foreign language translations, if shown within this document, are placeholders only. All foreign language translations that are used within the HAS wayfinding system are to be provided by professional translators and will be coordinated with HAS staff for final approval prior to final fabrication and installation. All foreign language translations will use the most common and universal dialect for each individual foreign language as deemed appropriate by professional translators, and is to be coordinated with HAS staff for final approval prior to final fabrication and installation.

MESSAGE HIERARCHY - HAS Terminals / Concourses / CBP Areas

PRIMARY	SECONDARY	TERTIARY	REGULATORY/STATUTORY
<p>Directional</p> <ul style="list-style-type: none"> - Terminal X (IAH only: "X" = terminal letter) - Terminal X via Walkway (IAH only: "X" = terminal letter) - Skyway to: XXXXX (IAH only: "X" = ABCDE per terminal area) - Subway to: XXXXX Marriott (IAH only: "X" = ABCDE per terminal area) - Check-In - Baggage Claim - Ground Transportation - Parking X (IAH only: "X" = terminal letter) - Red Garage (HOU only: = Existing); Blue Garage (HOU only: = New) - ecopark (Ecopark = HOU only) - Gates X#-X# (IAH: "X" = terminal ltr.; "#" = gate no.) - Gates #-# (HOU: "#" = gate no.) - All Gates (HOU and EFD only) - X Gates (IAH only: "X" = terminal letter) <p>CBP Areas (Special Required Directional Messages):</p> <ul style="list-style-type: none"> - U.S. Customs and Border Protection (NOTE: must always be accompanied by the official CBP seal on left side of text; "and" must always be spelled out, no ampersands allowed) - Global Entry - CBP Secondary Area - CBP Exit - Baggage Re-Check 	<p>Directional</p> <ul style="list-style-type: none"> - Skyway to: XXXXX (IAH only: "X" = ABCDE per terminal area) - Subway to: XXXXX Marriott (IAH only: "X" = ABCDE per terminal area) - International Departures - International Arrivals - Domestic Flights - Parking - Connecting Flights - Airline Clubs (i.e. Presidents Club, etc) <p>General:</p> <ul style="list-style-type: none"> - Restrooms - Elevators - Elevator 	<p>Directional</p> <ul style="list-style-type: none"> - Telephones - ATM 	<p>All required CBP, TSA & FAA related regulatory/statutory information, including (but may not be limited to):</p> <ul style="list-style-type: none"> - U.S. CUSTOMS AND BORDER PROTECTION SECURITY AREA... - ILLEGAL DRUGS... - ASSAULTING AN OFFICER OR EMPLOYEE OF THE UNITED STATES... - SEARCH AND DETENTION OF PERSONS, BAGGAGE, VEHICLES AND CONVEYANCES... - CURRENCY AND MONETARY INSTRUMENTS... - SMUGGLING... - AGRICULTURAL DECLARATION... - EXPLOSIVES, FIREARMS, AND WEAPONS ARE PROHIBITED... - CURRENCY AND MONETARY INSTRUMENTS... - Etc... <p>Notifications:</p> <ul style="list-style-type: none"> - AUTHORIZED PERSONNEL ONLY - DO NOT ENTER - Warning: Restricted Area, Do Not Enter - Warning: Emergency Exit Only, Door Monitored by Alarm - Etc... <p>Other / General:</p> <ul style="list-style-type: none"> - No Smoking - All life safety/egress - Elevator escape route maps/notifications (with ADA code compliance)
<p>Identification</p> <ul style="list-style-type: none"> - Terminal X (IAH only: "X" = terminal letter) - Airline Names - All Gates - Gates X#-X# (IAH: "X" = terminal ltr.; "#" = gate no.) - Gate X# (IAH: "X" = terminal ltr.; "#" = gate no.) - Gate # (HOU: "#" = gate no.) - Baggage Claim - Check-In - Parking X (IAH only: "X" = terminal letter) - Red Garage; Blue Garage (HOU only) - ecopark - Curbside Bag Check - Bag carousel numbers (i.e. 1, 2, 3, etc) - Self-Service Check-In <p>CBP Areas (Special Required ID Messages):</p> <ul style="list-style-type: none"> - U.S. Customs and Border Protection (NOTE: must always be accompanied by the official CBP seal on left side of text) - Welcome to the United States - Global Entry - CBP Secondary Area - CBP Exit - Baggage Re-Check 	<p>Identification</p> <ul style="list-style-type: none"> - Skyway XXXXX (IAH only: = secured side train; "X" = ABCDE per area) - Subway to: XXXXX Marriott (IAH only: "X" = ABCDE per terminal area) - Restrooms - Men - Women - Assisted - Information - Level # (i.e. at elevators = 1, 2, 3, etc) - Elevators - Elevator - Baggage Services - Stair # ("#" = stair no. per individual bldg numbering system) 	<p>Identification</p> <ul style="list-style-type: none"> - Oversize Baggage - Baggage Re-Check - Telephones - Emergency Phone - Paging Phone - Fire Extinguisher - AED - ATM - Concessions - General room name/number IDs (with ADA code compliance) 	
<p>Informational</p> <ul style="list-style-type: none"> - FIDS - BIDS - GIDS - Self-service check-in kiosks information <p>CBP Areas (Special Required Notification Messages):</p> <ul style="list-style-type: none"> - Please Have Your Documents Completed and Ready to Present to an Officer - Thank You for Your Cooperation 	<p>Informational</p> <ul style="list-style-type: none"> - Information - Terminal X Directory (IAH only: "X" = terminal letter) - Airport Directory - General baggage carousel information - Clocks - Visual Paging 	<p>Informational</p> <p>General:</p> <ul style="list-style-type: none"> - All general safety related information 	<p>NOTE: This message/terminology list is the most recent at the time of this document's publication; messages/terminology may be expanded and/or change depending on the unique needs, design conditions & requirements of individual HAS wayfinding modernization programs during design development processes; Always verify and obtain the most recent HAS messaging and terminology list prior to any final design or message specification</p>

Figure 1.2.1

HAS Wayfinding Message Hierarchy List: Terminal / Concourse / CBP Areas



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1.2 GRAPHIC STANDARDS - MESSAGES & TERMINOLOGY

(2 of 3)

Sheet: 1-4

MESSAGE HIERARCHY - HAS Curbside / Ground Transportation

PRIMARY	SECONDARY	TERTIARY	REGULATORY/STATUTORY
<p>Vehicular Overhead Directional</p> <ul style="list-style-type: none"> - Commercial Vehicles Only - Passenger Pick-up - Passenger Drop-off <p>Pedestrian Directional</p> <ul style="list-style-type: none"> - Terminal - Baggage Claim - Ticketing/Check-In - Ground Transportation - Passenger Pick-Up - Rental Car - Rental Car Shuttles - Taxis - Buses/Limos/Shared - Hotel/Motel Shuttles - METRO Buses - Limos - Shared Ride Shuttles - Off-Airport Parking - Red Garage (HOU only) - Blue Garage (HOU only) - Ecopark (HOU only) 	<p>Vehicular Overhead Directional</p> <ul style="list-style-type: none"> - *X Only ("X" = Ground Trans. type): - Rental Car Shuttles Only - Buses Only - Taxis Only - Limos Only - Shared Ride Shuttles Only <p>Pedestrian Directional</p> <ul style="list-style-type: none"> - International Departures - International Arrivals - Elevators 	<p>Pedestrian Directional</p> <ul style="list-style-type: none"> - Telephones - ATM - Information - Designated Smoking Area(s) 	<p>All required TSA & FAA related regulatory/statutory information, including (but may not be limited to):</p> <ul style="list-style-type: none"> - U.S. CUSTOMS AND BORDER PROTECTION SECURITY AREA... - ILLEGAL DRUGS... - ASSAULTING AN OFFICER OR EMPLOYEE OF THE UNITED STATES... - SEARCH AND DETENTION OF PERSONS, BAGGAGE, VEHICLES AND CONVEYANCES... - CURRENCY AND MONETARY INSTRUMENTS... - SMUGGLING... - AGRICULTURAL DECLARATION... - EXPLOSIVES, FIREARMS, AND WEAPONS ARE PROHIBITED... - CURRENCY AND MONETARY INSTRUMENTS... - Etc... <p>Notifications:</p> <ul style="list-style-type: none"> - AUTHORIZED PERSONNEL ONLY - DO NOT ENTER - Warning: Restricted Area, Do Not Enter - Warning: Emergency Exit Only, Door Monitored by Alarm - Etc... <p>Other / General:</p> <ul style="list-style-type: none"> - No Smoking - All life safety/egress
<p>Identification</p> <ul style="list-style-type: none"> - Terminal X (used only at IAH: "X" = terminal letter) - Airline Names - X Domestic Flights (used only at IAH: "X" = terminal letter) - D International Departures (used only at IAH) - E International Departures (used only at IAH) - E International Arrivals (used only at IAH) - Curbside Bag Check - Ground Transportation Zones - Zone X ("X" = G.T. zone number) - Terminal - Ground Transportation - Passenger Pick-Up - Rental Car - Rental Car Shuttles - Taxis - Buses/Limos/Shared - Hotel/Motel Shuttles - METRO Buses - Limos - Shared Ride Shuttles - Off-Airport Parking - Red Garage (HOU only) - Blue Garage (HOU only) - Ecopark (HOU only) 	<p>Identification</p> <ul style="list-style-type: none"> - Terminal - Baggage Claim - Ticketing/Check-In - Meeting Place/Passenger Pick-up Numbers - Restrooms - Men - Women - Assisted - Information - Level # (i.e. at elevators = 1, 2, 3, etc) - Elevators - Elevator - Baggage Services - Stair # ("#" = stair no. per individual bldg numbering system) - Information 	<p>Identification</p> <ul style="list-style-type: none"> - Oversize Baggage - Baggage Re-Check - Terminal Door Numbers - Telephones - Emergency Phone - Paging Phone - Fire Extinguisher - AED - ATM - General room name/number IDs (with ADA code compliance) - Designated Smoking Area(s) 	
<p>Informational</p> <ul style="list-style-type: none"> - Ground Transportation Directory - Airport Directory - Terminal Directory 	<p>Informational</p> <ul style="list-style-type: none"> - FIDS (Flight information display system) - CUTE systems 	<p>Informational</p> <p>General:</p> <ul style="list-style-type: none"> - All general safety related information 	<p>NOTE: This message/terminology list is the most recent at the time of this document's publication; messages/terminology may be expanded and/or change depending on the unique needs, design conditions & requirements of individual HAS wayfinding modernization programs during design development processes; Always verify and obtain the most recent HAS messaging and terminology list prior to any final design or message specification</p>

Figure 1.2.2

HAS Wayfinding Message Hierarchy List: Curbside / Ground Transportation Areas



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HAS WAYFINDING: TYPE STYLES

Acceptable Type Styles

The Clearview font family has been chosen as the standard HAS wayfinding typeface due to its wayfinding efficiency and industry-wide adoption as a typeface that is suitable for use in wayfinding programs. Note that specific Clearview type styles are uniquely associated with Pedestrian and Vehicular related wayfinding audiences. As such, only the following applicable type styles may be used:

- Pedestrian Wayfinding: all text on Pedestrian HAS wayfinding signage shall be set in the following *ClearviewText* and *ClearviewOne* font families, unless otherwise specified (see Figure 1.3.1a):
 - ClearviewText Medium = all standard wayfinding word messages
 - ClearviewOne Book Condensed = supplemental wayfinding word messages (i.e. “via,” “to:” and CBP notification text)
- Vehicular Wayfinding: all text on Vehicular HAS wayfinding signage shall be set in the following *Clearview Highway* font family, unless otherwise specified (see Figure 1.3.1b):
 - Clearview Highway 2-W = all standard wayfinding word messages (“W” = white text on dark background)
 - Clearview Highway 1-W = supplemental wayfinding ID word messages (“W” = white text on dark background)
 - Clearview Highway 2-B = all standard wayfinding word messages (“B” = black text on light background)
 - Clearview Highway 1-B = supplemental wayfinding ID word messages (“B” = black text on light background)

Capitalization

Aside from special decorative uses where all-caps is desirable and/or used on specific regulatory related messaging, all word messages shall be in “Title Case.” Title Case is defined as the initial “alpha” letter shown in upper case followed by lower case letters for each individual word in a given message.

Examples of exceptions include (but are not limited to):

- EXIT; EXIT ONLY
- DO NOT ENTER
- ATM
- KEEP LEFT; KEEP RIGHT
- NEXT LEFT; NEXT RIGHT

Other notables regarding message capitalization:

- As required by the Americans with Disabilities Act, all tactile messages shall be in all upper case.
- All vehicular wayfinding signage must meet all requirements as established within MUTCD and TXDOT signage design standards.
- Upper case letters shall have an upper case “X” height as determined by using a capital letter “I” when determining a layout’s text height dimension.
- Lower case letters should have a lower case “x” height that is approximately two-thirds the height of the upper case letters.

ClearviewText Medium:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

ClearviewOne Book Condensed:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

Figure 1.3.1a

Type Style: Pedestrian Wayfinding Text Example

Clearview Highway 2-W (“W” = white text on dark background):

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

Clearview Highway 1-W (“W” = white text on dark background):

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

Clearview Highway 2-B (“B” = black text on light background):

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

Clearview Highway 1-B (“B” = black text on light background):

ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz
 1234567890 !@#\$%^&*()-+=*/:

Figure 1.3.1b

Type Style: Vehicular Wayfinding Text

- Each word in a message shall be capitalized, with the exception of articles, prepositions and conjunctions (i.e. to, from, via, etc.).
- A consistent capital letter height shall always be maintained when wayfinding signs are used in sequence unless otherwise noted.

- Modification of letter shapes is prohibited unless otherwise specified and approved by HAS.
- Condensed, extended, skewed, stretched, outlined or otherwise distorted type shall not be used.

Typographic Restrictions

Typefaces or weights not described here shall not be used at HAS airport properties, unless otherwise noted and approved by HAS.

The following additional typographic restrictions shall always apply and be strictly adhered to when designing or specifying signage for HAS airport properties:

- Use only the type styles as specified for a specific traffic type as shown in this document (i.e. Pedestrian vs. Vehicular):
 - Use only Pedestrian type styles on Pedestrian wayfinding signage.
 - Use only Vehicular type styles on Vehicular wayfinding signage.

Language to this effect will always be included in the specifications for all related HAS wayfinding signage projects, and variances must be reviewed and approved by HAS.

Type styles specialized for a particular sign face or graphic layout shall be used exactly as specified in wayfinding signage design documents. Deviations from the sign type’s application provided in layouts are strictly prohibited. Refer to individual sign types for exact specifications and text sizing/layout details.



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HAS WAYFINDING: TYPE SPACING

Letter Spacing (Kerning and Tracking)

Kerning is typically defined as the process of adjusting the spacing between characters in a proportional font, usually to achieve a visually pleasing result within a set of readable text. Also note that while kerning adjusts the individual spacing between individual letter forms, tracking instead adjusts the spacing uniformly over an overall set/range of characters in a word or set of words. Tracking adjustments are not usually as ideal for readability on wayfinding signage as they tend to make individual words and groups of words more difficult to read, whereas kerning helps to maintain the visual harmony of words.

Unless otherwise indicated, all sign messages shall use the Clearview font family's default letter spacing with regards to kerning and tracking. Messages set according to the typeface maker's letter spacing standards will not normally require adjustment (see Figures 1.3.2a and 1.3.2b). In some circumstances, modification of the spacing between individual letters or letter-sets may improve the appearance and legibility of a sign message. Examples of typical needs for kerning adjustments include (but may not be limited to) improved visibility at increased viewing distances, as well as the elimination of unacceptable levels of "halation" (aka visual blurring together of letter strokes/graphic elements) due to internal or external illumination of the sign face.

Designers are required to review sample messages for all sign projects, and shall recommend spacing modifications where they can be shown to be advantageous or necessary. In these instances, hand-kerning will be required to adjust spacing and shall be noted as such within the sign's specific layout using a +/- pica unit of measurement as used within professional graphic design software. Other letter spacing restrictions include: reducing normal letter or word spacing (i.e. to fit a lengthy message within a restrictive size layout area) is not acceptable and shall always be avoided; punctuation marks, which relate to two letters, should be spaced equally from both letters.

Word Spacing

Unless otherwise indicated, spacing between words in a message is typically $\frac{3}{4}$ (.75) times the capital letter height (adjust by appropriate percentage if hand-kerning). For example, a message using 4" cap letters will have approximately 3" between words (see Figures 1.3.2a and 1.3.2b).

Line Spacing (Leading)

Leading is typically defined as the distance between the baselines of successive lines of type. Typically the *spacing between *related* lines of message text (i.e. a message in a layout that must continue to the next line down due to not enough available width on the first line) will typically be approximately $\frac{1}{2}$ (.50) times the capital letter height (unless otherwise noted). And typically the *spacing between *unrelated* message text lines (i.e. two completely separate ideas/destinations/messages) will typically be approximately 1 times the capital letter height (unless otherwise noted).

**NOTE: Always refer to actual HAS wayfinding signage face layouts for all final definitive line spacing requirements per each individual sign type as shown in current HAS wayfinding signage design intent/construction documents.*

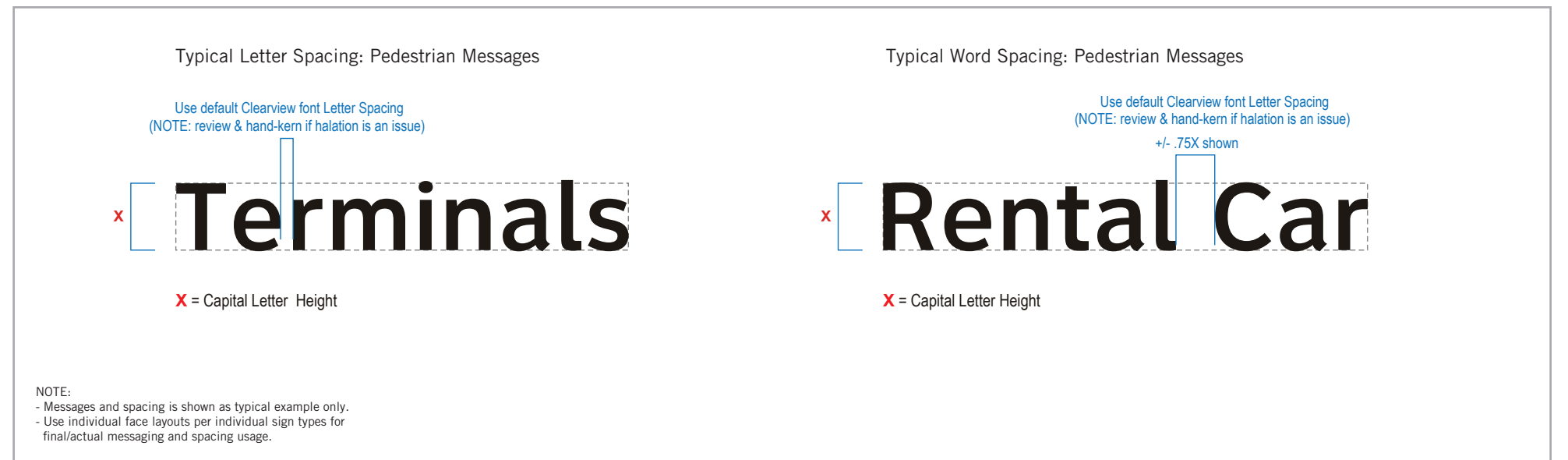


Figure 1.3.2a

Pedestrian Messages: Typical Type Spacing

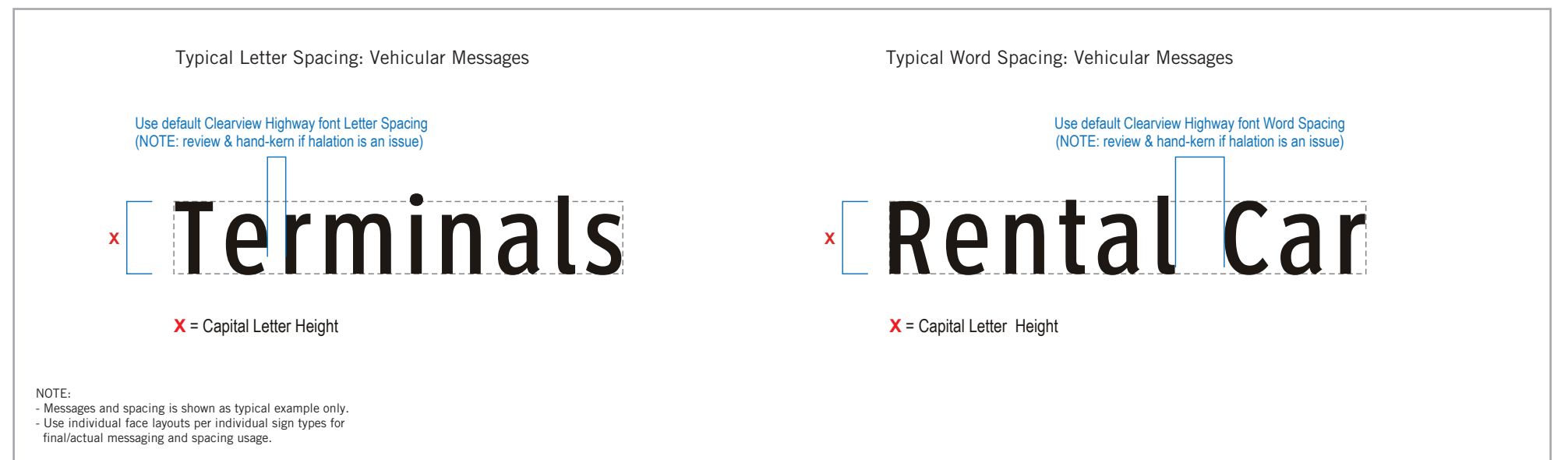


Figure 1.3.2b

Vehicular Messages: Typical Type Spacing

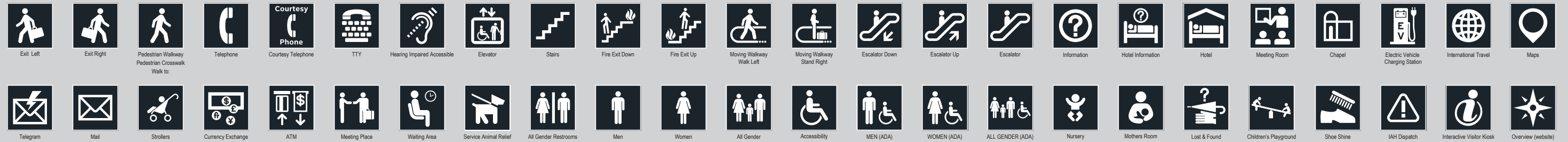
TRAVEL SYMBOLS



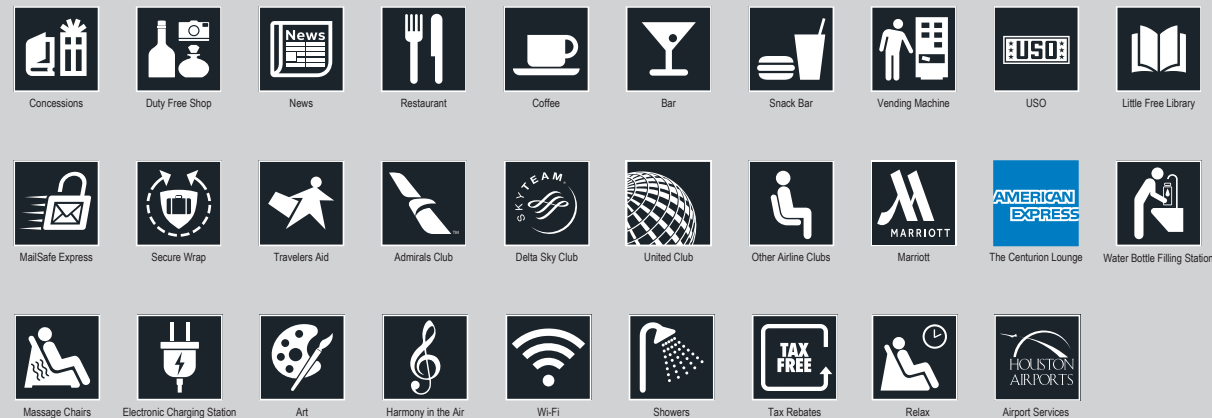
INTER-TERMINAL TRAINS: IAH Only



PUBLIC SERVICE SYMBOLS



AMENITIES & CONCESSIONS



GROUND TRANSPORTATION



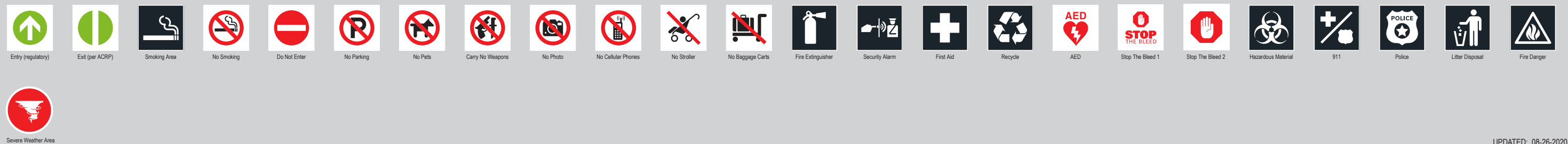
TERMINAL IDENTIFICATION: IAH Only



TXDOT HIGHWAY SHIELDS



REGULATORY



NOTE: Use only HAS wayfinding universal symbol artwork as shown; re-proportioning and/or manipulating is not allowed

UPDATED: 08-26-2020

Figure 1.4.1 HAS Wayfinding Universal Symbols - Master List



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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1.4 GRAPHIC STANDARDS - SYMBOLS

(1 of 1)

Sheet: 1-8

HAS WAYFINDING: ARROWS

Arrows, when used as directional elements, are more flexible and require less sign layout space than messages. This section defines the standards for HAS wayfinding arrows and their rotation angles, sizes, proportions, applications and general placement.

Arrow Proportions

The standard HAS directional arrow (as shown in Figure 1.5.1) must always be proportionally consistent (width-to-height ratio) throughout the entire sign system, regardless of the sign type or layout that it is being applied to. It should never be disproportioned, squashed or stretched in any dimension in order to make it fit on a sign face with limited size, or for any other circumstance. Typical proportioning between arrow and message sizes for the HAS wayfinding sign system will be determined as follows:

- Pedestrian wayfinding signage:
 - By individual sign face layout sizes, sign locations, visibility distances/angles, mounting heights and per ADA requirements.
- Vehicular wayfinding signage:
 - By individual sign layout sizes, sign locations, visibility distances/angles, mounting heights, posted speeds and per MUTCD/TXDOT standards.

Arrow Size Scaling

When scaling an arrow, it must always be locked at its default proportions as shown in Figure 1.5.1. This will eliminate the possibility of skewing the arrow's proportions when scaling it for use on differently sized *sign face layouts.

**NOTE: Always refer to actual HAS wayfinding signage face layouts for all final definitive arrow sizing per each individual sign type as shown in current HAS wayfinding signage design intent/construction documents.*

Arrow Placement and Text Alignment

The placement of arrows on sign faces and in relation to message text will conform to the standard guidelines provided for each specific sign type and their corresponding traffic type (i.e. Pedestrian or Vehicular), as well as all applicable ADA and MUTCD/TXDOT requirements. Arrows and their related message text may not be positioned in any other location on the sign face unless otherwise indicated. When new and/or customized sign types or layouts are necessary, the following general guidelines and restrictions apply to arrows and their corresponding message text alignment:

Pedestrian: General Arrow Placement

- Arrows should NEVER point into text.
- Left-facing arrows should be located toward the left side of signs
- Right-facing arrows should be located toward the right side of signs
- Forward-facing and/or downward-facing arrows are typically located closest to the flow of traffic

Pedestrian: General Text Alignment with Arrows

- Left-facing arrows require left justified message text/symbols
- Right-facing arrows require right justified message text/symbols

- Forward-facing and/or downward-facing arrows require text/symbols to be justified closest to the flow of traffic (i.e. if forward traffic is hugging the right side of a corridor, the arrow should be on the right side of the face with the text justified right, and vice versa)

Vehicular: General Arrow Placement

- Roadside left-facing arrows should be located toward the left side of signs
- Roadside right-facing arrows should be located toward the right side of signs
- Forward-facing and/or Downward-facing arrows on overhead signs are typically centered over their corresponding traffic lanes
- Forward-facing and/or Downward-facing arrows on roadside signs are typically located closest to the flow of traffic or centered (depending on the sign type's use and layout)

Vehicular: General Text Alignment with Arrows

- Left-facing arrows require left justified message text/symbols, unless otherwise noted or required by MUTCD/TXDOT
- Right-facing arrows require right justified message text/symbols, unless otherwise noted or required by MUTCD/TXDOT
- Forward-facing arrows on roadside signs typically use text justified toward traffic flow, while overhead signs typically use centered text/arrows

Arrow Rotation

A consistent rotation angle and the directional information that an arrow conveys is as important as the accompanying message text. The rotation angle that conveys "straight ahead" is particularly notable. For example, either an "up" arrow (12 o'clock) or a "down" arrow (6 o'clock) can be used to convey forward movement, and is typically interpreted differently based on a sign's given location, relative pathway conditions and/or the type of wayfinding traffic that is viewing it.

Note that arrow rotation angle selection must always be done so consistently throughout the entire HAS wayfinding system and in accordance with these established arrow rotation standards. The following are general guidelines for the selection and use of arrow rotation:

- The standard wayfinding arrow can be rendered in eight (8) different pre-determined rotation angles (see Figures 1.5.2a and 1.5.2b). No alternate rotation angles are acceptable, unless approved by HAS.
- Arrow rotation angles should follow the guidelines provided in this section. Straight-ahead pedestrian movement will always be indicated at HAS properties by upward-facing arrows (12 o'clock), unless a downward-facing arrow can be shown to be clearly advantageous in a specific circumstance (i.e. "use this lane"). Note that straight downward-facing arrows (6 o'clock) are typically reserved to indicate movement to a lower level (i.e. at the top of a down stairway or escalator).
- Vehicular wayfinding arrow rotation will always follow MUTCD/TXDOT reqs.
- For a full list of acceptable arrow applications, rotation angles and their designated message interpretations for HAS wayfinding, see Figures 1.5.2a and 1.5.2b.

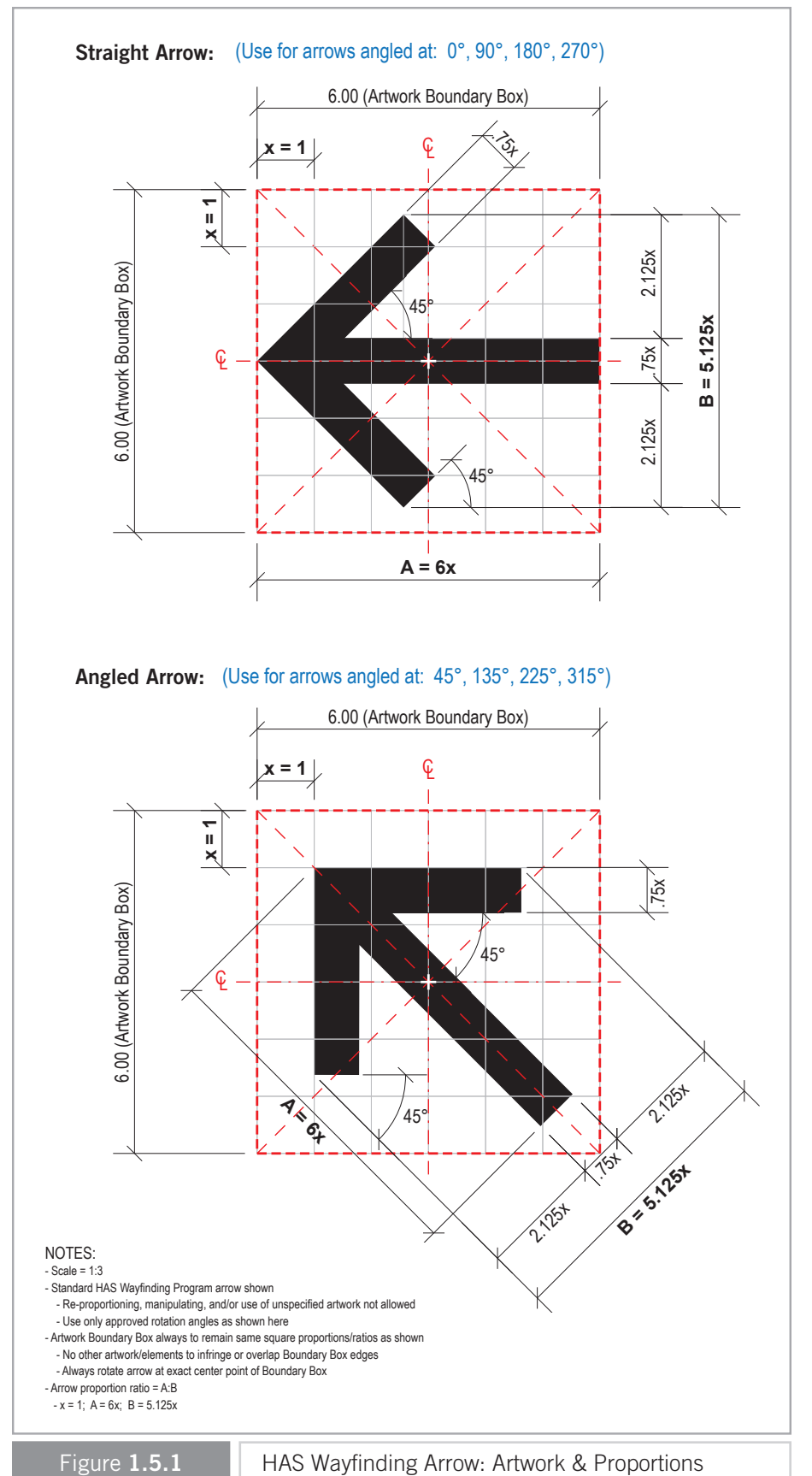

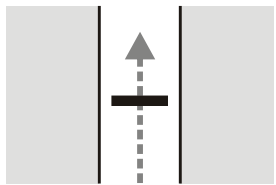

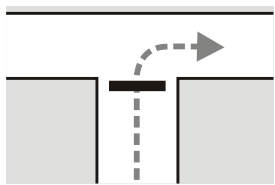

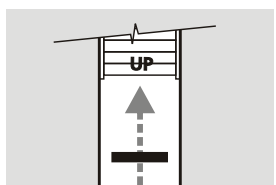

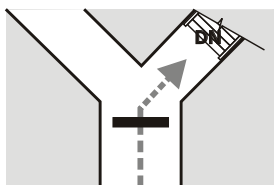

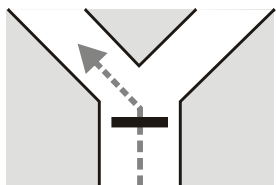

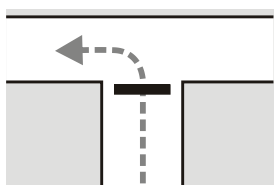

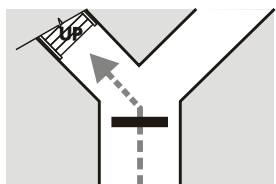

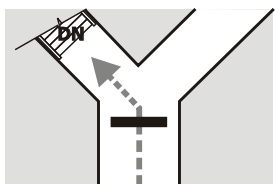

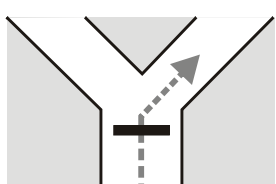

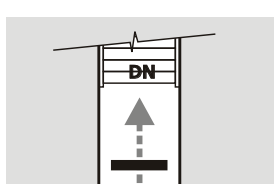

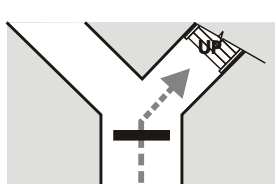

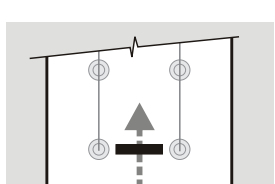


Figure 1.5.1

HAS Wayfinding Arrow: Artwork & Proportions

ARROW ROTATION	LOCATION PLAN EXAMPLE	MESSAGE CONVEYED	ARROW ROTATION	LOCATION PLAN EXAMPLE	MESSAGE CONVEYED
 90° (12 o'clock)		Straight Ahead	 0° (3 o'clock)		Right
 90° (12 o'clock)		Up	 315° (4:30)		Down on the Right
 135° (10:30)		Ahead on the Left	 180° (9 o'clock)		Left
 135° (10:30)		Up on the Left	 225° (7:30)		Down on the Left
 45° (1:30)		Ahead on the Right	 270° (6 o'clock)		Down
 45° (1:30)		Up on the Right	 270° (6 o'clock)		Use this lane / row / aisle / line

NOTES:
 - Source: Guidelines for Airport Signage & Graphics - Latest Ed.
 - Schematic representations only; drawings not to scale

Figure 1.5.2a Wayfinding Arrows: Applications - Pedestrian



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OVERHEAD Directionals		
ARROW ROTATION	LOCATION PLAN EXAMPLE	MESSAGE CONVEYED
 90° (12 o'clock)		Straight Ahead (Arrow Justified Center)
 270° (6 o'clock)		Straight Ahead: Use This Lane (Arrow Justified Center)
 315° (4:30)		Down on the Right (Arrow Justified Center)
 225° (7:30)		Down on the Left (Arrow Justified Center)
 45° (1:30)		Exit/Ahead on the Right (Arrow Justified Center)
 135° (10:30)		Exit/Ahead on the Left (Arrow Justified Center)

CANTILEVER Directionals		
ARROW ROTATION	LOCATION PLAN EXAMPLE	MESSAGE CONVEYED
 90° (12 o'clock)		Straight Ahead (Arrow Justified Center)
 90° (12 o'clock)		Straight Ahead (Arrow Justified Center)
 270° (6 o'clock)		Straight Ahead: Use This Lane (Arrow Justified Center)
 270° (6 o'clock)		Straight Ahead: Use This Lane (Arrow Justified Center)
 135° (10:30)		Exit/Ahead on the Left (Arrow Justified Center)
 45° (1:30)		Exit/Up on the Right (Arrow Justified Center)

ROADSIDE Directionals		
ARROW ROTATION	LOCATION PLAN EXAMPLE	MESSAGE CONVEYED
 90° (12 o'clock)		Straight Ahead (Arrow Justified Left)
 90° (12 o'clock)		Straight Ahead (Arrow Justified Right)
 45° (1:30)		Exit/Ahead on the Right (Arrow Justified Right)
 0° (3:00)		To the Right (Arrow Justified Right)
 135° (10:30)		Exit/Ahead on the Left (Arrow Justified Left)
 180° (9 o'clock)		To the Left (Arrow Justified Left)

NOTES:
 - Arrow applications shown are for general reference only
 - Arrow type and application may vary based on condition
 - Reference MUTCD for additional standards and guidelines

Figure 1.5.2b Wayfinding Arrows: Applications - Vehicular

HAS WAYFINDING: COLOR SYSTEM

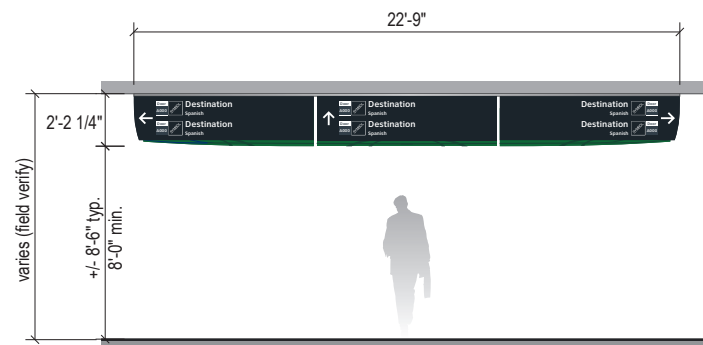
In order to maintain a visually and graphically holistic system of wayfinding signage, the presentation of color must always be consistent and maintained on all elements of HAS wayfinding signage. These colors and their manufacturing equivalents (as shown in Figure 1.6.1) shall always be used when designing or specifying HAS wayfinding signage, unless otherwise noted and approved by HAS.

UNIVERSAL COLORS: All HAS Airport Properties												
Hardware/HOU Accent:	Gateways - Dark Silver:	Gateways - Dark Bronze:	White Graphics:	Sign Face Backgrounds:	Divider-Line Graphics:	Neutral Watermark:	ID Header Background:	Black Graphics:	Safety Red:	Warning Yellow:	DOT Legend Green:	
PMS1 (Pantone Matching System Ref.) N/A: Not Used	PMS2 (Pantone Matching System Ref.) N/A: Not Used	PMS3 (Pantone Matching System Ref.) N/A: Not Used	PMS4 (Pantone Matching System Ref.) N/A: Not Used	PMS5 (Pantone Matching System Ref.) PMS 433C (Solid Coated)	PMS6 (Pantone Matching System Ref.) PMS 432C (Solid Coated)	PMS7 (Pantone Matching System Ref.) PMS 430C (Solid Coated)	PMS8 (Pantone Matching System Ref.) PMS 427C (Solid Coated)	PMS9 (Pantone Matching System Ref.) PMS Black C (Solid Coated)	PMS10 (Pantone Matching System Ref.) PMS 186C (Solid Coated)	PMS11 (Pantone Matching System Ref.) PMS 116C (Solid Coated)	PMS12 (Pantone Ref.) PMS 342C (Solid Coated)	PMS12.2 (Pantone Ref.) N/A: Note Used
D1 (Digital Print Equivalent) N/A: Not Used	D2 (Digital Print Equivalent) N/A: Not Used	D3 (Digital Print Equivalent) N/A: Not Used	D4 (Digital Print Equivalent) White = C:0 M:0 Y:0 K:0; Roadway signs = 3M 4090 DG3 White (showing thru)	D5 (Digital Print Equivalent) Match PMS 433C; Roadway signs = Picasso print on DG3 C:0 M:0 Y:0 K:90 (cool gray row)	D6 (Digital Print Equivalent) Match PMS 432C	D7 (Digital Print Equivalent) Match PMS 430C	D8 (Digital Print Equivalent) Match PMS 427C; Roadway signs = Picasso print on DG3 C:0 M:0 Y:0 K:100 (cool gray row)	D9 (Digital Print Equivalent) C:50 M:40 Y:40 K:100; Roadway signs = Picasso print on DG3 C:0 M:0 Y:0 K:100 (cool gray row)	D10 (Digital Print Equivalent) Match PMS 186C	D11 (Digital Print Equivalent) Match PMS 116C	D12 (Digital Print Eq.) Match PMS 342C	D12.2 (Digital Print Eq.) Match "Waller Green" custom color
P1 (Gateway Paint Eq.) Matthews Acrylic Polyurethane (MAP) #41342SP Brushed Aluminum, satin finish	P2 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) #MP32195 Staid Gray Metallic, satin finish	P3 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) #41313SP Dark Bronze, satin finish	P4 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) MP N202 White, satin finish	P5 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 433C, satin finish	P6 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 432C, satin finish	P7 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 430C, satin finish	P8 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 427C, satin finish	P9 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match TBD, satin finish	P10 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 186C, satin finish	P11 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 116C, satin finish	P12 (Paint Eq.) MAP to match PMS 342C, satin fin.	P12.2 (Paint Eq.) MAP to match "Waller Green," satin fin.
P1.2 (HOU/EFD Accent Paint) Matthews Acrylic Polyurethane (MAP) #MP33172 Silver Surfer Metallic, satin fin.	V2 (Vinyl Film Equivalent) N/A: Not Used	V3 (Vinyl Film Equivalent) N/A: Not Used	V4.x (NOTE: "x" = see below) (Vinyl Film Equivalent) V4.1 = Opaque: 3M 7725-20 White V4.2 = Reflective: 3M 4090 DG3 White T4.3 = Tactile: White to match V4.1 V4.4 = Translucent: White plex to match V4.1	V5 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V6 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V7 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V8 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V9 (Vinyl Film Equivalent) Opaque: 3M 7725-22 Black	V10 (Vinyl Film Equivalent) Reflective: 3M 4092 DG3 Red	V11 (Vinyl Film Equivalent) Reflective: 3M 4091 DG3 Yellow	V12 (Vinyl Film Eq.) Reflective: 3M 4097 DG3 Green	V12.2 (Vinyl Film Eq.) Ref.: Use Digital Print Eq. on White film
NOTE: Also used only on HOU roadway signs												
TERMINAL BRANDED ID COLORS: IAH Only												
PMS13 (Pantone Matching System Ref.) PMS 349C (Solid Coated)	PMS14 (Pantone Matching System Ref.) PMS 3435C (Solid Coated)	PMS15 (Pantone Matching System Ref.) PMS 2597C (Solid Coated)	PMS16 (Pantone Matching System Ref.) PMS 2695C (Solid Coated)	PMS17 (Pantone Matching System Ref.) PMS 300C (Solid Coated)	PMS18 (Pantone Matching System Ref.) PMS 294C (Solid Coated)	PMS19 (Pantone Matching System Ref.) PMS 187C (Solid Coated)	PMS20 (Pantone Matching System Ref.) PMS 188C (Solid Coated)	PMS21 (Pantone Matching System Ref.) PMS 1655C (Solid Coated)	PMS22 (Pantone Matching System Ref.) PMS 180C (Solid Coated)	PMS23 (Pantone Matching System Ref.) PMS 3965C (Solid Coated)	PMS24 (Pantone Matching System Ref.) PMS 3975C (Solid Coated)	
D13 (Digital Print Equivalent) Match PMS 349C; Roadway signs = Picasso print on DG3 C:90 M:50 Y:90 K:0	D14 (Digital Print Equivalent) Match PMS 3435C	D15 (Digital Print Equivalent) Match PMS 2597C; Roadway signs = Picasso print on DG3 C:70 M:100 Y:0 K:0	D16 (Digital Print Equivalent) Match PMS 2695C	D17 (Digital Print Equivalent) Match PMS 300C; Roadway signs = Picasso print on DG3 C:100 M:50 Y:0 K:0	D18 (Digital Print Equivalent) Match PMS 294C	D19 (Digital Print Equivalent) Match PMS 187C; Roadway signs = Picasso print on DG3 C:30 M:100 Y:80 K:0	D20 (Digital Print Equivalent) Match PMS 188C	D21 (Digital Print Equivalent) Match PMS 1655C; Roadway signs = Picasso print on DG3 C:0 M:70 Y:100 K:0	D22 (Digital Print Equivalent) Match PMS 180C	D23 (Digital Print Equivalent) Match PMS 3965C	D24 (Digital Print Equivalent) Match PMS 3975C	
P13 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 349C, satin finish	P14 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 3435C, satin finish	P15 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 2597C, satin finish	P16 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 2695C, satin finish	P17 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 300C, satin finish	P18 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 294C, satin finish	P19 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 187C, satin finish	P20 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 188C, satin finish	P21 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 1655C, satin finish	P22 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 180C, satin finish	P23 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 3965C, satin finish	P24 (Paint Equivalent) Matthews Acrylic Polyurethane (MAP) to match PMS 3975C, satin finish	
V13 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V14 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V15 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V16 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V17 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V18 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V19 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V20 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V21 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V22 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V23 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	V24 (Vinyl Film Equivalent) Use Digital Print Equivalent on White film	
NOTE: Also used as HOU - Ecopark (Parking Lot) ID				NOTE: Also used as HOU - Blue (aka "New") Garage ID				NOTE: Also used as HOU - Red (aka "Existing") Garage ID				

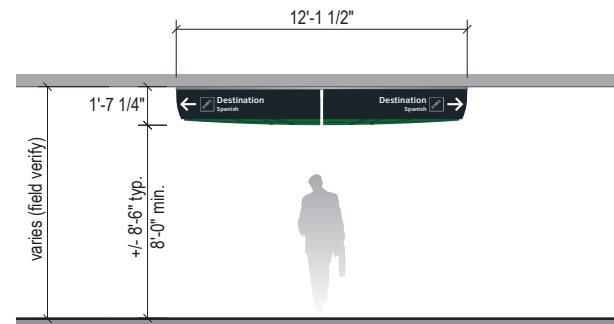
Figure 1.6.1

HAS Wayfinding Color System

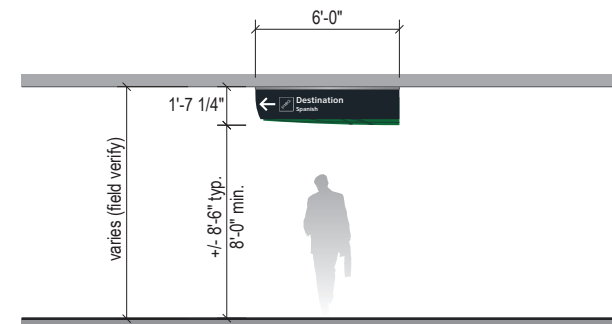
1t-DR.00 to 1t-DR.09 = Transitional Directionals: **CEILING FLUSH** Mount (Top Flush)



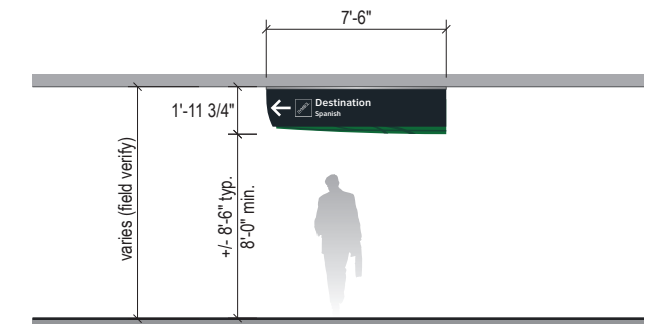
1t-DR.01e-S Trans. 3-way Ceiling Flush Mount Arrivals Level Ground Transportation Exit Door Directional
 - 3" Text; 1.75" Spanish
 - 3 directions / 1-2 messages ea.
 - Arrow = 7"; Symbols = 7"
 - 2 Sides



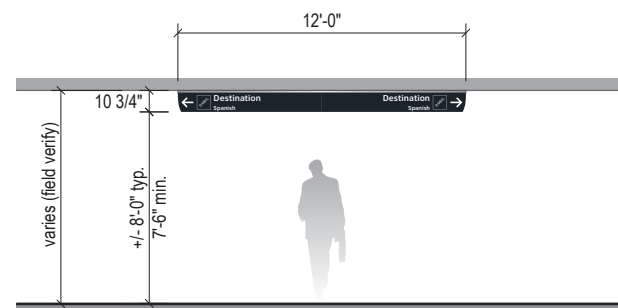
1t-DR.05-S Trans. 2-way Ceiling Flush Mount Single Line Directional
 - 3" Text; 2" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 8"; Symbols = 7"
 - 2 Sides



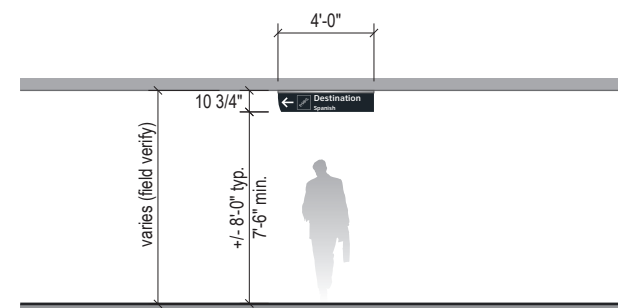
1t-DR.06-S Trans. 1-way Ceiling Flush Mount Single Line Directional
 - 3" Text; 2" Spanish
 - 1 direction / 1 message
 - Arrow = 8"; Symbols = 7"
 - 2 Sides



1t-DR.06b-S Trans. Med. 1-way Ceiling Flush Mount Single Line Directional
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1 message
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides

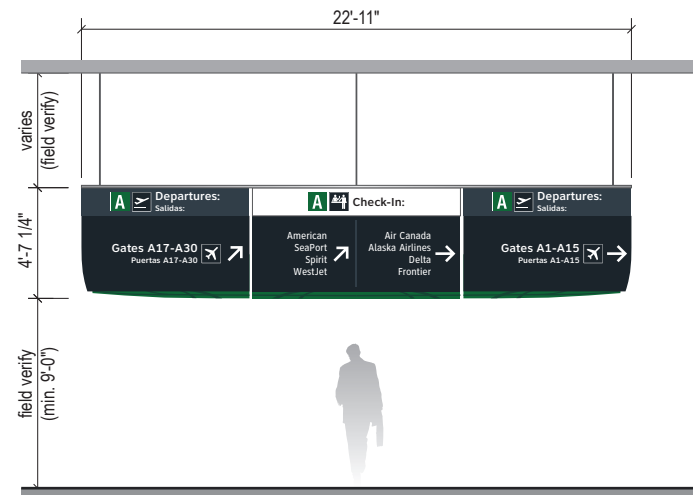


1t-DR.07-S Trans. 2-way Ceiling Flush Mount Low Clearance Directional
 - 3" Text; 2" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 6"; Symbols = 7"
 - 2 Sides

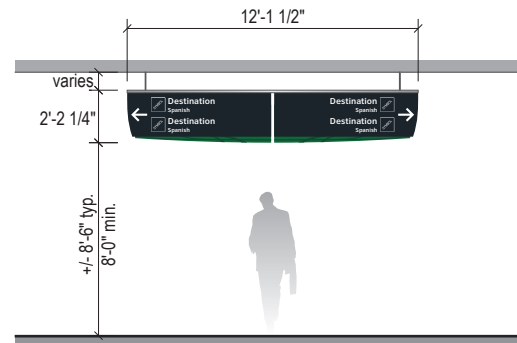


1t-DR.08d-S Trans. 1-way Ceiling Flush Mount Low Clearance Directional w/ Short Length Panel
 - 3" Text; 2" Spanish
 - 1 direction / 1 message
 - Arrow = 6"; Symbols = 7"
 - 2 Sides

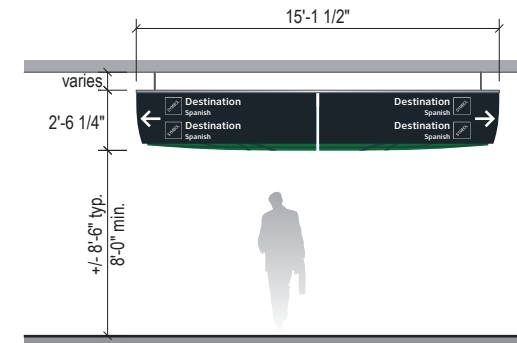
1t-DR.10 to 1t-DR.19 = Transitional Directionals: **CEILING SUSPENDED** Mount



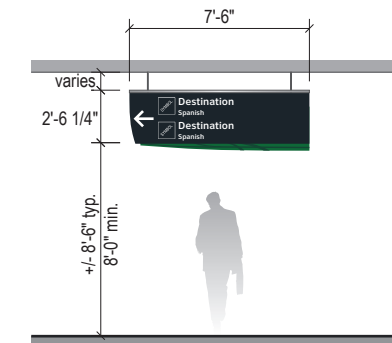
1t-DR.10e Trans. 3-way Ceiling Suspended Ticketing Lobby Directional
 - 1-4 directions / messages per direction varies
 - Text: Header/Gates = 4", Spanish = 2 3/4"; Standard Messages/Airlines = 3.5", Spanish = 2.375"
 - Arrow = 10"
 - Symbols: Header/Gates = 9.5", Standard Messages = 8.5"
 - 2 Sides



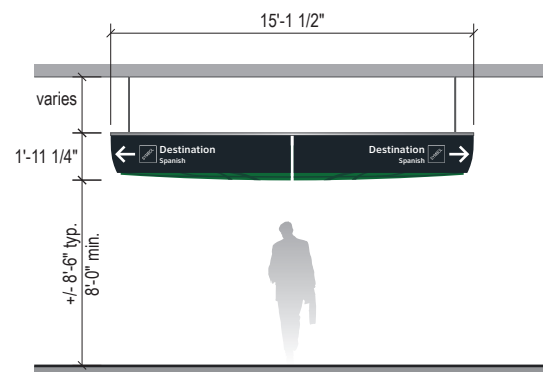
1t-DR.12-S Trans. 2-way Ceiling Suspended Directional
 - 3" Text; 2" Spanish
 - 2 directions / 1-2 messages ea.
 - Arrow = 8"; Symbols = 7"
 - 2 Sides



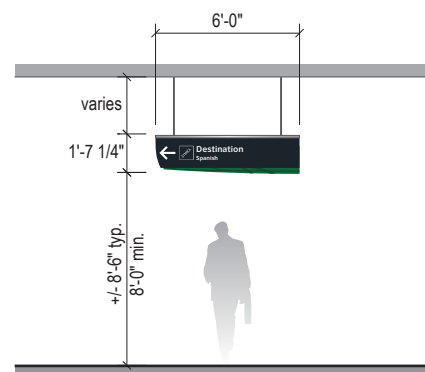
1t-DR.12b-S Trans. Med. 2-way Ceiling Suspended Directional
 - 3.5" Text; 2.375" Spanish
 - 2 directions / 1-2 messages ea.
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides



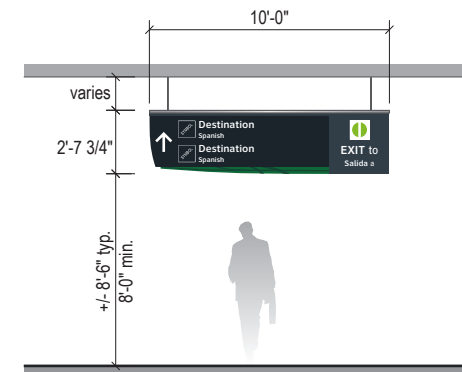
1t-DR.13b-S Trans. Med. 1-way Ceiling Suspended Directional
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides



1t-DR.15b-S Trans. Med. 2-way Ceiling Suspended Directional
 - 3.5" Text; 2.375" Spanish
 - 2 directions / 1-2 messages ea.
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides

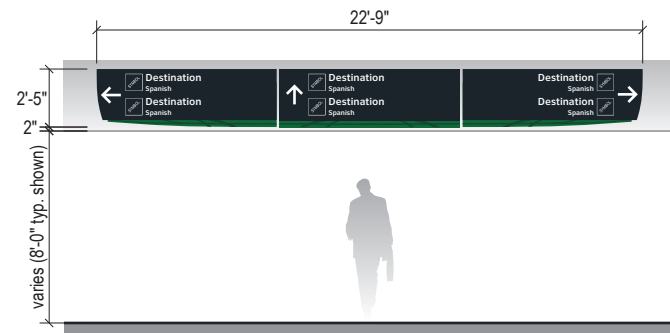


1t-DR.16-S Trans. 1-way Ceiling Suspended Single Line Directional
 - 3" Text; 2" Spanish
 - 1 direction / 1 message
 - Arrow = 8"; Symbols = 7"
 - 2 Sides

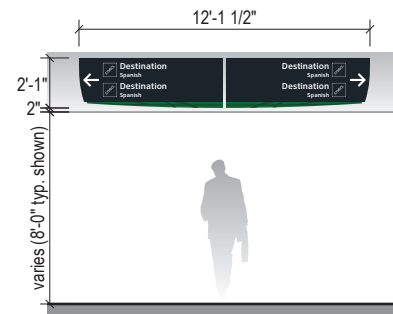


1t-DR.18b-S Trans. Med. 1-Way Ceiling Suspended Directional with "EXIT to" ID Panel
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides

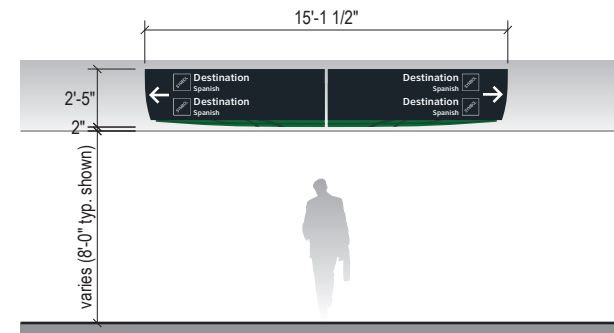
1t-DR.20 to 1t-DR.29 = Transitional Directional: SOFFIT / WALL / OVER PANEL Mount



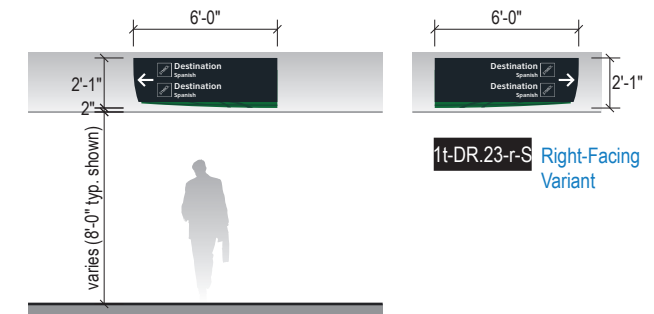
1t-DR.21b-S Trans. Med. 3-way Soffit/Wall/Over Existing Mount Directional
 - 3.5" Text; 2.375" Spanish
 - 3 directions / 1-2 messages ea.
 - Arrow = 10"; Symbols = 8.5"
 - 1 Side



1t-DR.22-S Trans. Small 2-way Soffit/Wall/Over Existing Mount Directional
 - 3" Text; 2" Spanish
 - 2 directions / 1-2 messages ea.
 - Arrow = 8"; Symbols = 7"
 - 1 Side

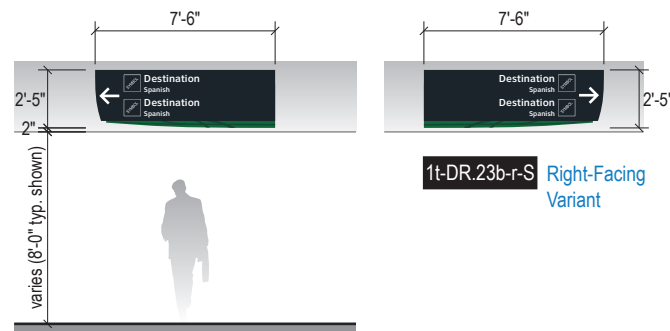


1t-DR.22b-S Trans. Med. 2-way Soffit/Wall/Over Existing Mount Directional
 - 3.5" Text; 2.375" Spanish
 - 2 directions / 1-2 messages ea.
 - Arrow = 10"; Symbols = 8.5"
 - 1 Side



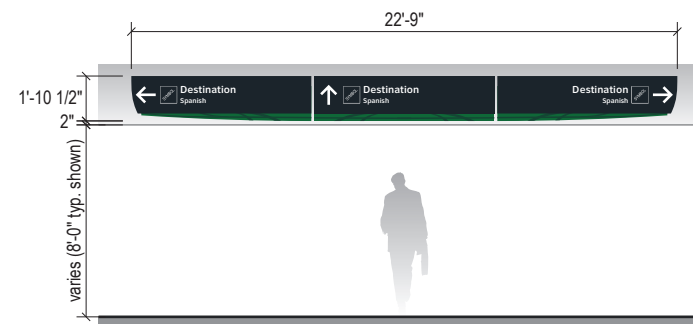
1t-DR.23-S Trans. Small 1-way Soffit/Wall/Over Existing Mount Directional
 - 3" Text; 2" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 8"; Symbols = 7"
 - 1 Side

1t-DR.23-r-S Right-Facing Variant

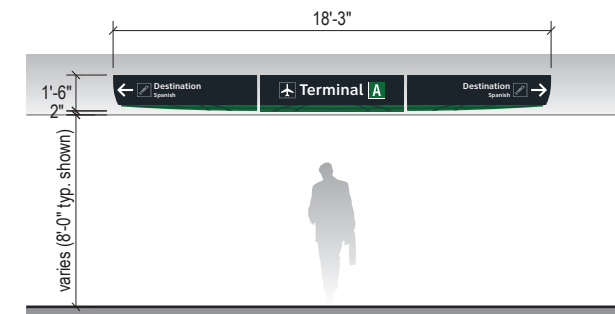


1t-DR.23b-S Trans. Med. 1-way Soffit/Wall/Over Existing Mount Directional
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 10"; Symbols = 8.5"
 - 1 Side

1t-DR.23b-r-S Right-Facing Variant

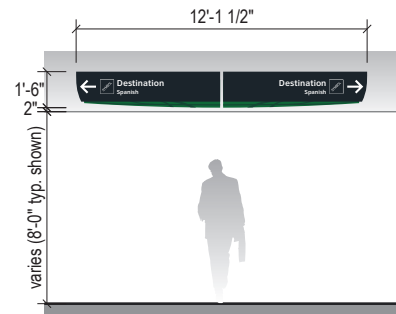


1t-DR.24b-S Trans. Med. 3-way Soffit/Wall/Over Existing Mount Directional
 - 3.5" Text; 2.375" Spanish
 - 3 directions / 1 message ea.
 - Arrow = 8"; Symbols = 7"
 - 1 Side



1t-DR.24d-S Trans. Small 2-way Soffit/Wall/Over Existing Mount Directional with Terminal ID Panel
 - 3" Text; 2" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 8"; Symbols = 7"
 - 1 Side

1t-DR.20 to 1t-DR.29 = Transitional Directional: **SOFFIT / WALL / OVER PANEL** Mount (cont.)

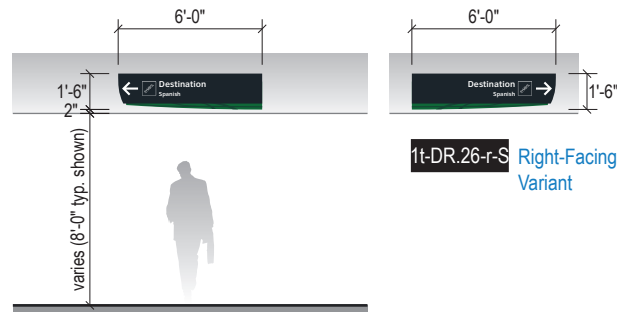


1t-DR.25-S Trans. Small 2-way Soffit/Wall/Over Existing Mount Directional
 - 3" Text; 2" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 8"; Symbols = 7"
 - 1 Side



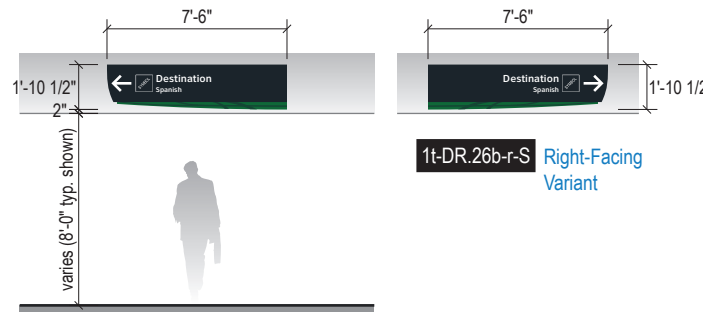
1t-DR.25d-S Trans. Soffit/Wall Mount Airline/Gate Directional
 - 1-4 directions / messages per direction varies
 - Text: Header = 3", Spanish = 2 3/4"; Gates = 4", Spanish = 2"
 Airlines = 3.5"
 - Arrow = 10"
 - Symbols: Header/Gates = 9.5", Standard Messages = 8.5"
 - 1 Side

1t-DR.25d-r-S Right-Facing Variant



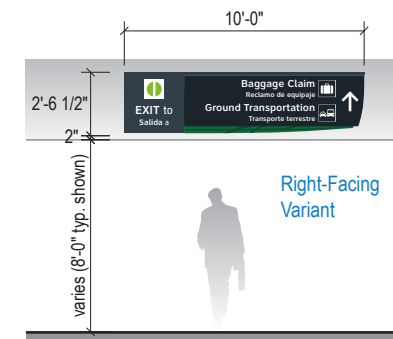
1t-DR.26-S Trans. Small 1-way Soffit/Wall/Over Existing Mount Directional
 - 3" Text; 2" Spanish
 - 1 direction / 1 message
 - Arrow = 8"; Symbols = 7"
 - 1 Side

1t-DR.26-r-S Right-Facing Variant



1t-DR.26b-S Trans. Med. 1-way Soffit/Wall/Over Existing Mount Directional
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1 message
 - Arrow = 10"; Symbols = 8.5"
 - 1 Side

1t-DR.26b-r-S Right-Facing Variant



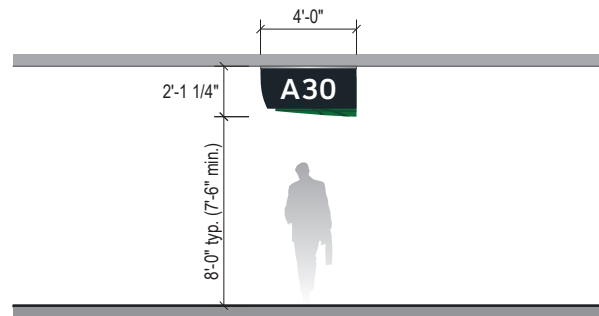
1t-DR.28b-r-S Trans. Med. Soffit/Wall Mount Directional with "EXIT to" ID Panel
 - 3.5" Text; 2.375" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides

Right-Facing Variant

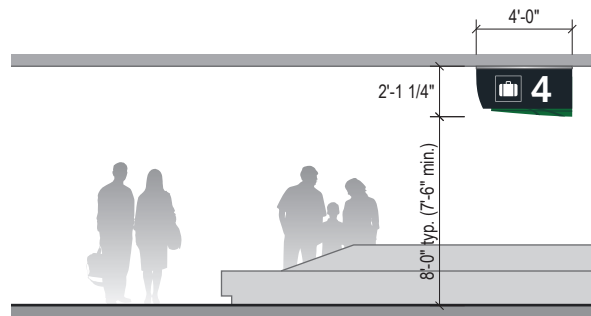


1t-DR.29-S Trans. Soffit/Wall Mount G.T. Door Directional/ID
 - 3" Text; 1.75" Spanish
 - 2 direction / 1-2 messages ea.
 - Arrow = 8"; Symbols = 7"
 - 1 Side

1-ID.00 to 1-ID.09 = Identification: **CEILING FLUSH** Mount (Top Flush)

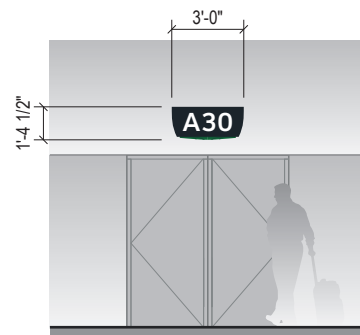


1t-ID.02 Trans. Ceiling Flush Mount Gate ID
 - Text = 10"
 - 2 Sides

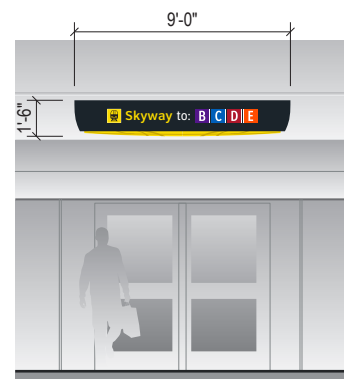


1t-ID.05 Ceiling Flush Mount Baggage Claim Carousel ID
 - Symbol = 1'-1"; Text = 1'-1"
 - 2 Sides

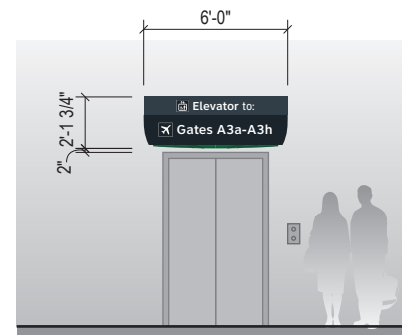
1t-ID.20 to 1t-ID.29 = Transitional Identification: **SOFFIT / WALL** Mount



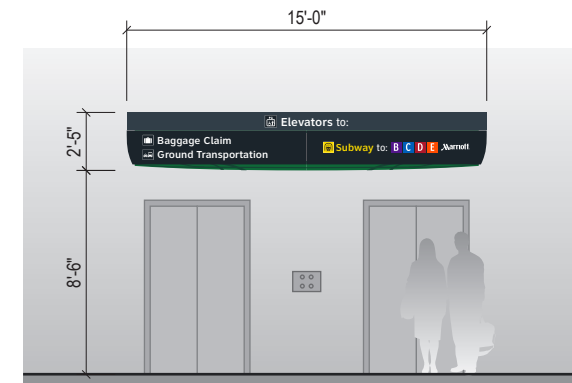
1t-ID.21 Trans. Soffit/Wall Mount Gate Door ID w/ 1 Gate Number
 - Text = 9"
 - 1 Side



1t-ID.24b Trans. Soffit/Wall Mount Skyway Train Entry ID
 - Text = 4.5"; Symbols = 7"
 - 1 Side

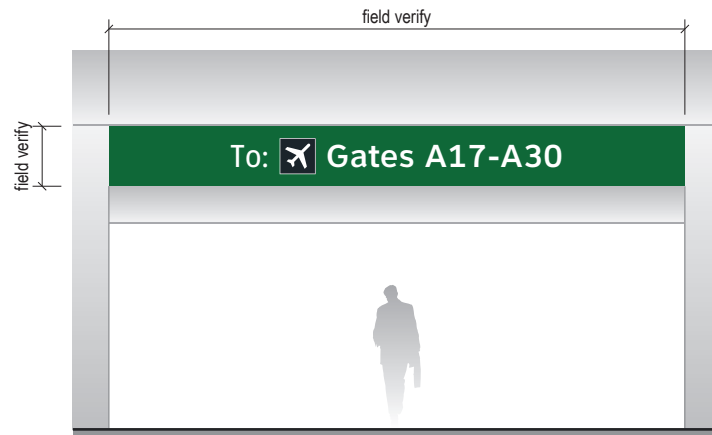


1t-ID.25b Trans. Soffit/Wall Mount Elevator ID
 - Text: Header = 4"; Dest. = 4.5"
 - Symbols: Header = 6"; Dest. = 7"
 - 1 Side

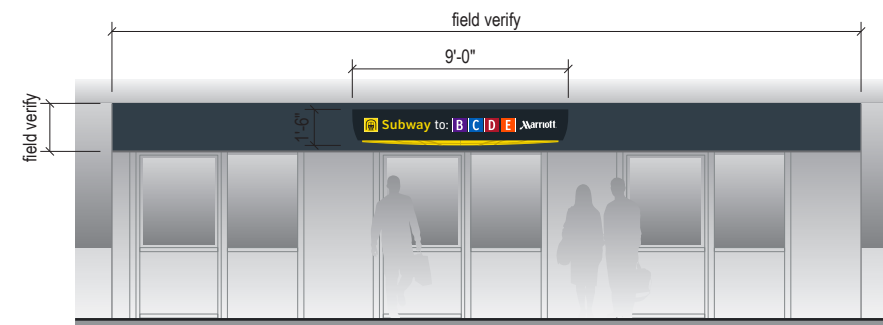


1t-ID.26b Trans. Large Soffit/Wall Mount Elevator ID
 - Text: Header = 4"; Dest. = 3.5"
 - Symbols: Header = 6"; Dest. = 5.25"
 - 1 Side

1t-ID.20 to 1t-ID.29 = Transitional Identification: **SOFFIT / WALL** Mount (cont.)

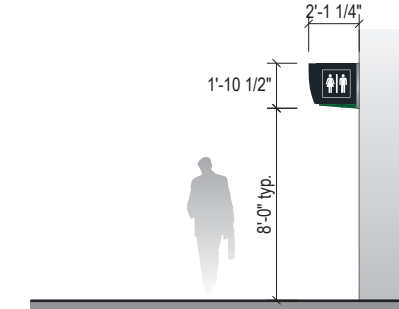


1t-ID.27b Trans. Security Checkpoint Entrance ID
 - Text = 11"
 - Symbol = 1'-6"
 - 1 Side

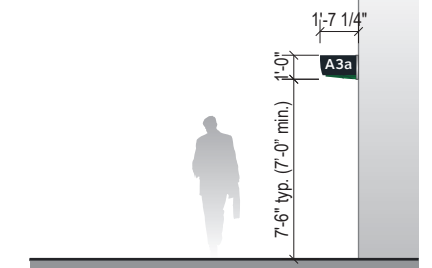


1t-ID.28d Trans. Soffit/Wall Mount Subway Train Entry ID & Background Header Cover Sheet
 - Text = 4.5"; Symbols = 7"
 - 1 Side

1t-ID.40 to 1t-ID.49 = Transitional Identification: **FLAG** Mount

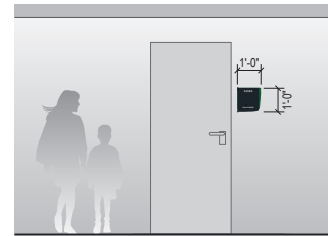


1t-ID.43 Trans. Flag Mount Restroom ID
 - Symbol = 1'-2"
 - 2 Sides

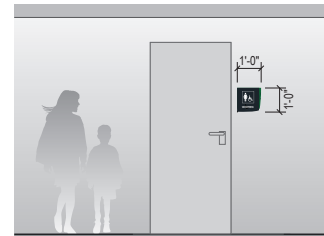


1t-ID.45 Trans. Flag Mount Gate ID
 - Text = 10"
 - 2 Sides

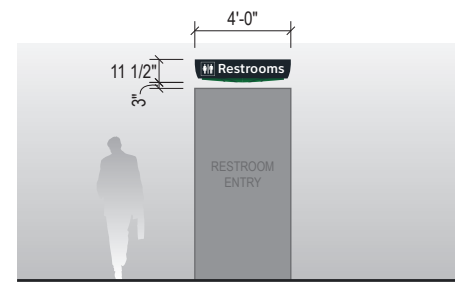
1-ID.30 to 1-ID.39 = Identification: **WALL** Mount - Plaques & Restroom ID



1-ID.30 Wall Mount Tactile Room ID
 - 1 Side



1-ID.31 Wall Mount Tactile Restroom ID
 - 1 Side



1t-ID.35 Trans. Soffit/Wall Mount Restroom Entry ID
 - Text = 4.5"
 - Symbol = 7"
 - 1 Side

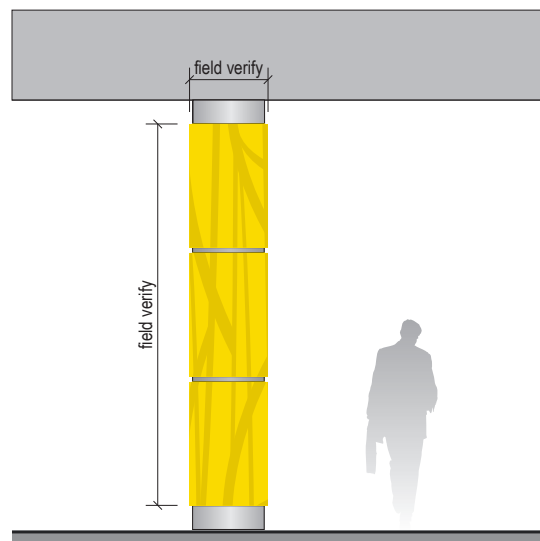


1t-ID.37a Women's Transitional Wall Mount Restroom Entry Super-graphics

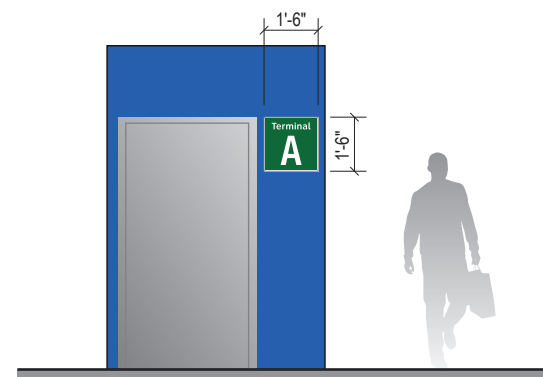


1t-ID.37b Men's Transitional Wall Mount Restroom Entry Super-graphics

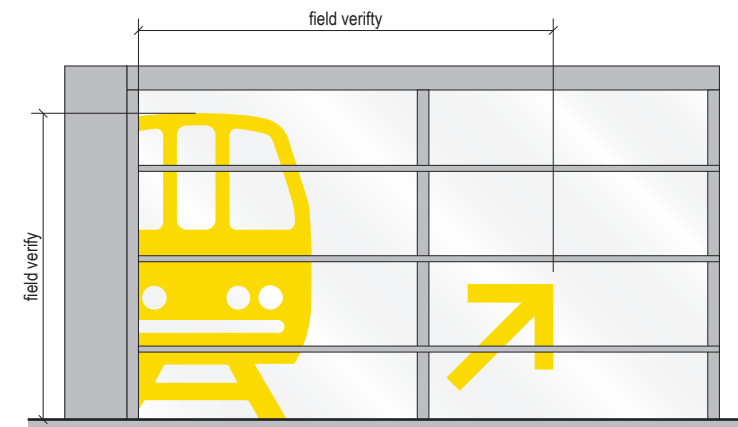
1t-ID.70 to 1t-ID.79 = Skyway Station Graphics



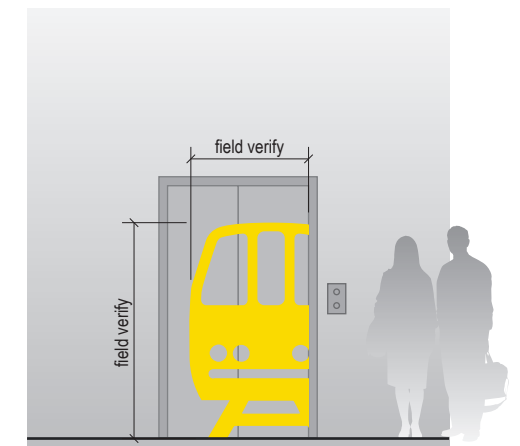
1t-ID.71 Illuminated Column Wrap (Round)



1t-ID.73 Trans. Wall Mount Terminal ID Badge - 1 Side

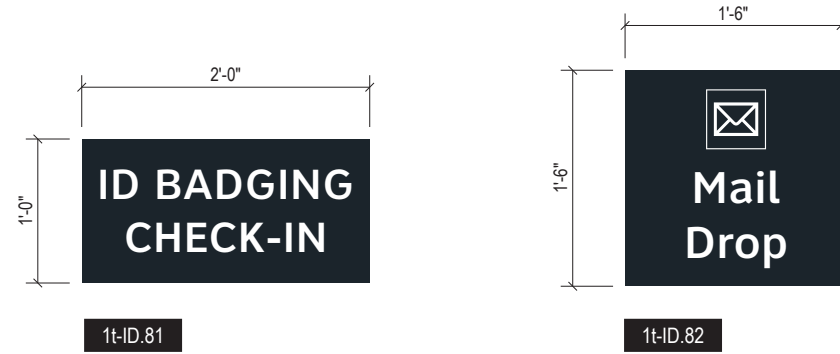


1t-ID.75a Window Graphic

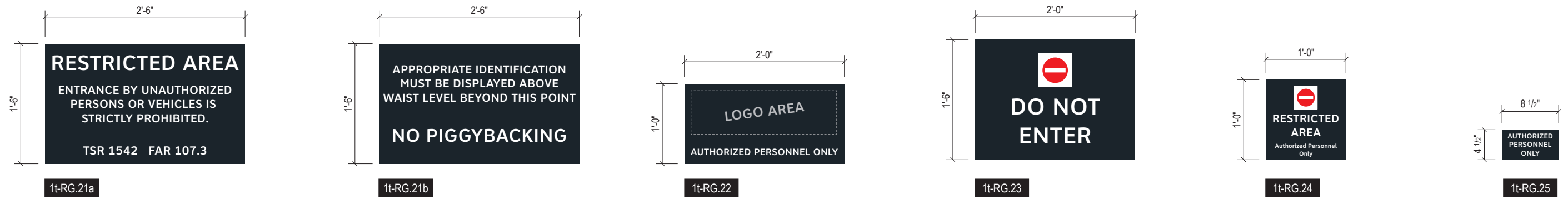


1t-ID.75b Elevator Graphic

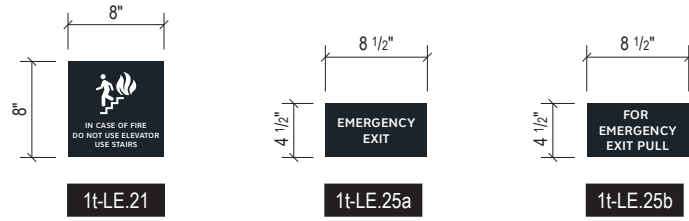
1t-ID.80 to 1t-ID.89 = Miscellaneous Wall Mount ID Signage



1t-RG.20 to 1t-ID.29 = Wall Mount Regulatory Signage



1t-LE.20 to 1t-LE.29 = Wall Mount Safety / Egress Signage



Louisville, Colorado
P: 303.494.7849
www.labozan.com

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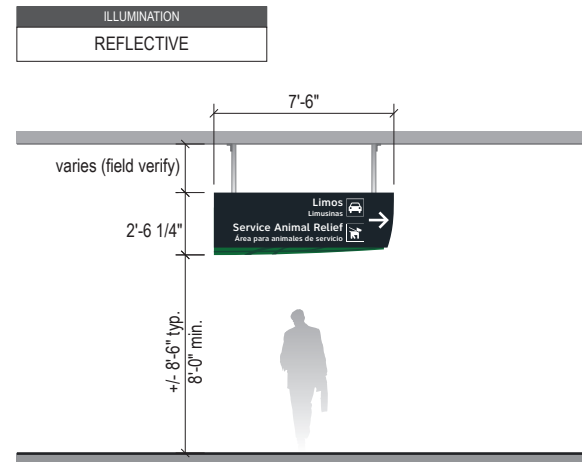


INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

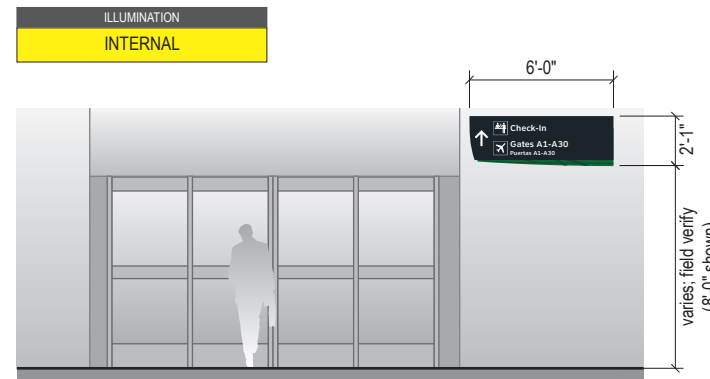
WARNING:
This record contains Sensitive Security Information that is controlled under 49 CFR parts 15 and 1520. No part of this record may be disclosed to persons with a "need to know," as defined in 49 CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C. 552 and 49 CFR parts 15 and 1520.

3t-DR.10 to 3t-DR.19 = Transitional Directionals: CEILING SUSPENDED Mount

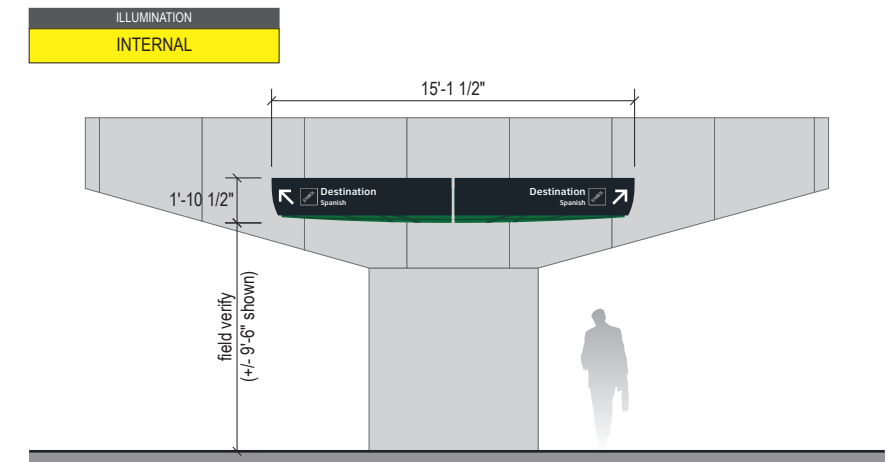


3t-DR.13b-S Trans. Med. 1-way Ceiling Suspended Directional
 - 3.5" Text; 2.375" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 10"; Symbols = 8.5"
 - 2 Sides

3-DR.20 to 3-DR.29 = Directionals: SOFFIT / WALL Mount

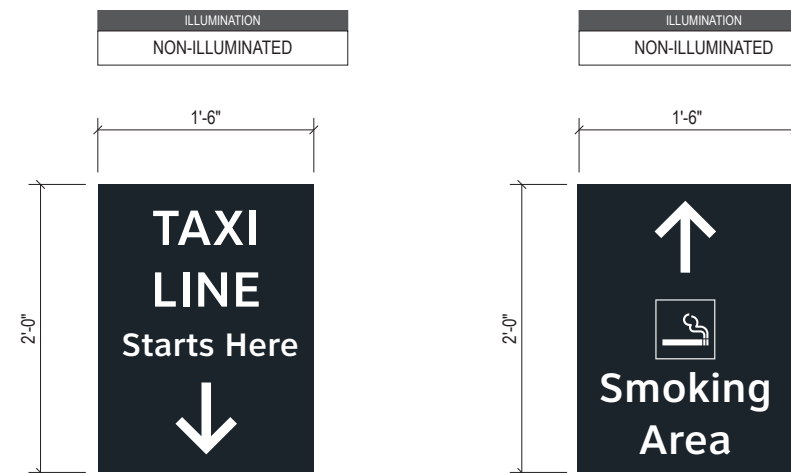


3-DR.23-S Trans. 1-way Soffit/Wall Mount Directional
 - 3" Text; 2" Spanish
 - 1 direction / 1-2 messages
 - Arrow = 8"; Symbols = 7"
 - 1 Side



3-DR.25b-S Med. 2-way Soffit/Wall Mount Directional w/ Single Line of Text
 - 3.5" Text; 2.375" Spanish
 - 2 directions / 1 message ea.
 - Arrow = 10"; Symbols = 8.5"
 - 1 Side

3t-DR.20 to 3t-DR.29 = Transitional Directionals: SOFFIT / WALL Mount



3t-DR.28 Wall Mount Queue Directional

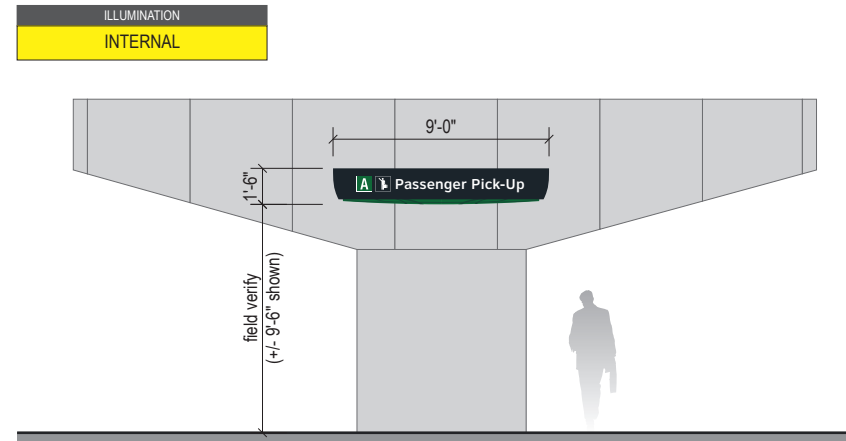
3t-DR.29 Wall Mount Smoking Area Directional

3-ID.10 to 3-ID.19 = Identification: CEILING SUSPENDED Mount

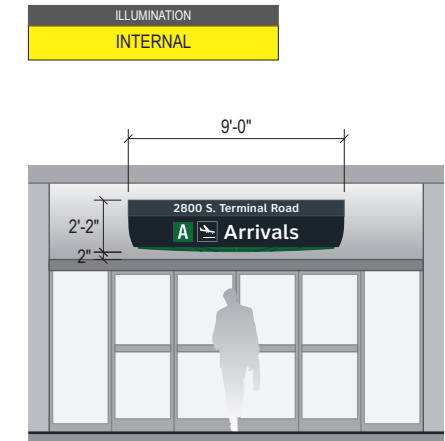


3-ID.15 Ceiling Suspended Mount Curbside Departures Entrance ID w/ up to 12 Airline Names
 - Symbols = 10.5"; Text = 7.5"; Address Text = 4"; Airline Names = 4"
 - 1 Side

3-ID.20 to 3-ID.29 = Identification: SOFFIT / WALL Mount

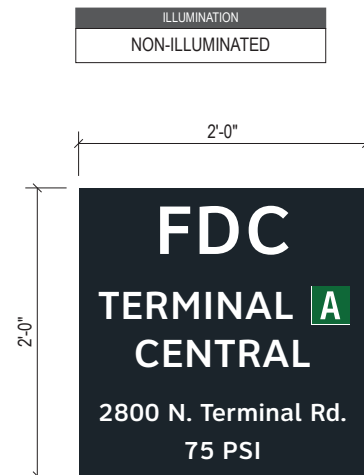


3-ID.21 Soffit/Wall Mount Curbside ID
 - Symbol = 8"; Text = 5"
 - 1 Side

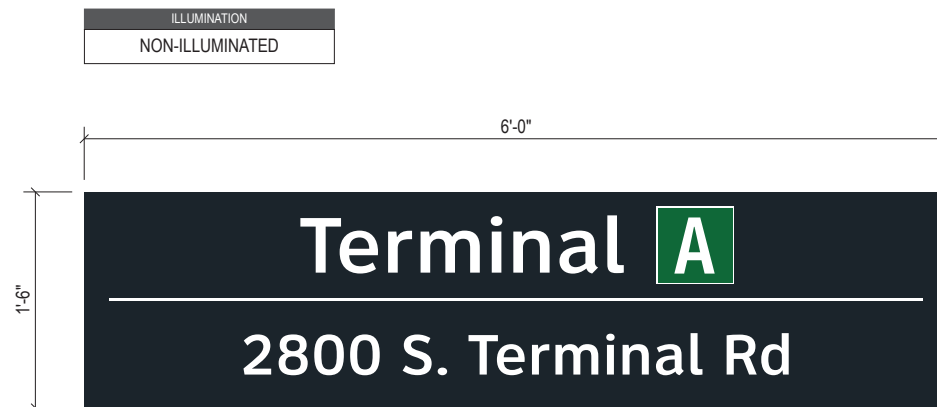


3-ID.25 Soffit/Wall Mount Curbside Departures/ Arrivals Entrance ID with Address Header Area
 - Symbols = 10"; Text = 7"; Address Text = 4"
 - 1 Side

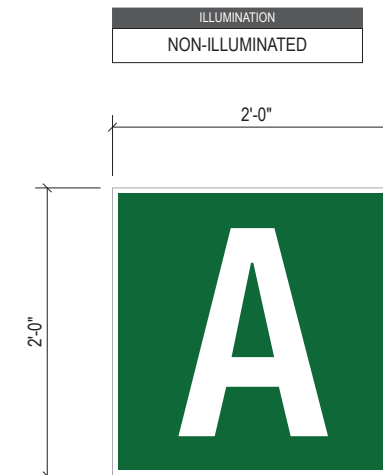
3t-ID.20 to 3t-ID.29 = Transitional Identification: SOFFIT / WALL Mount



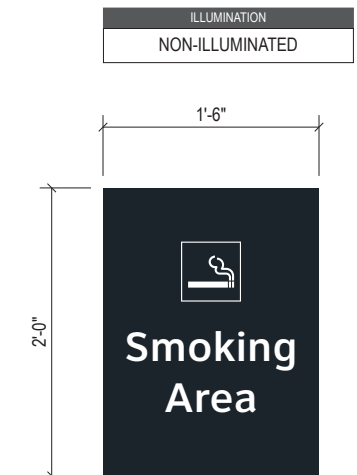
3t-ID.31 Wall Mount Address ID



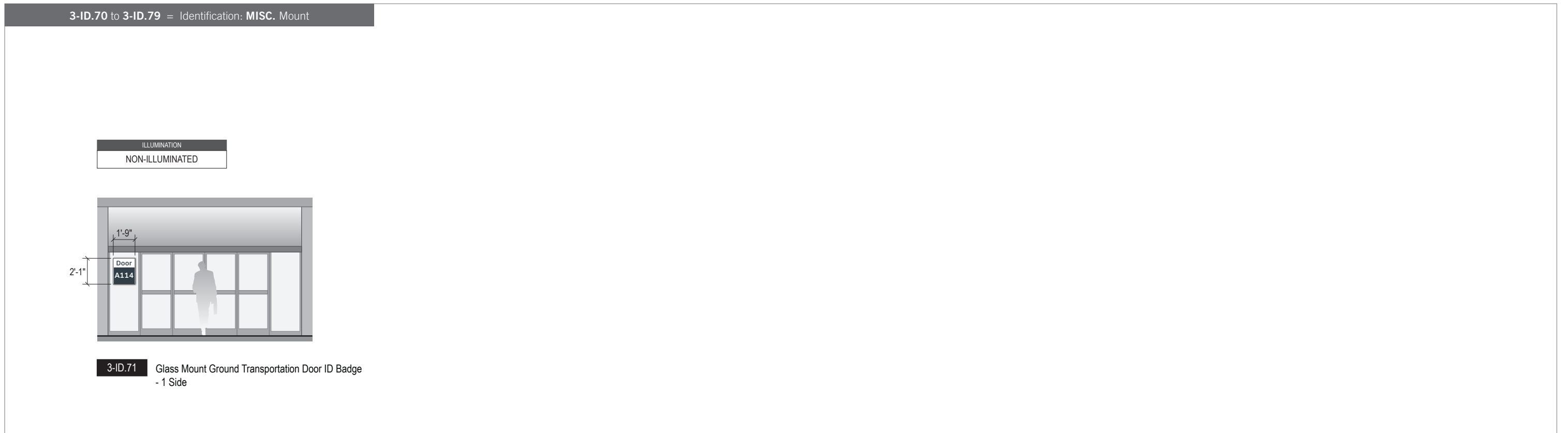
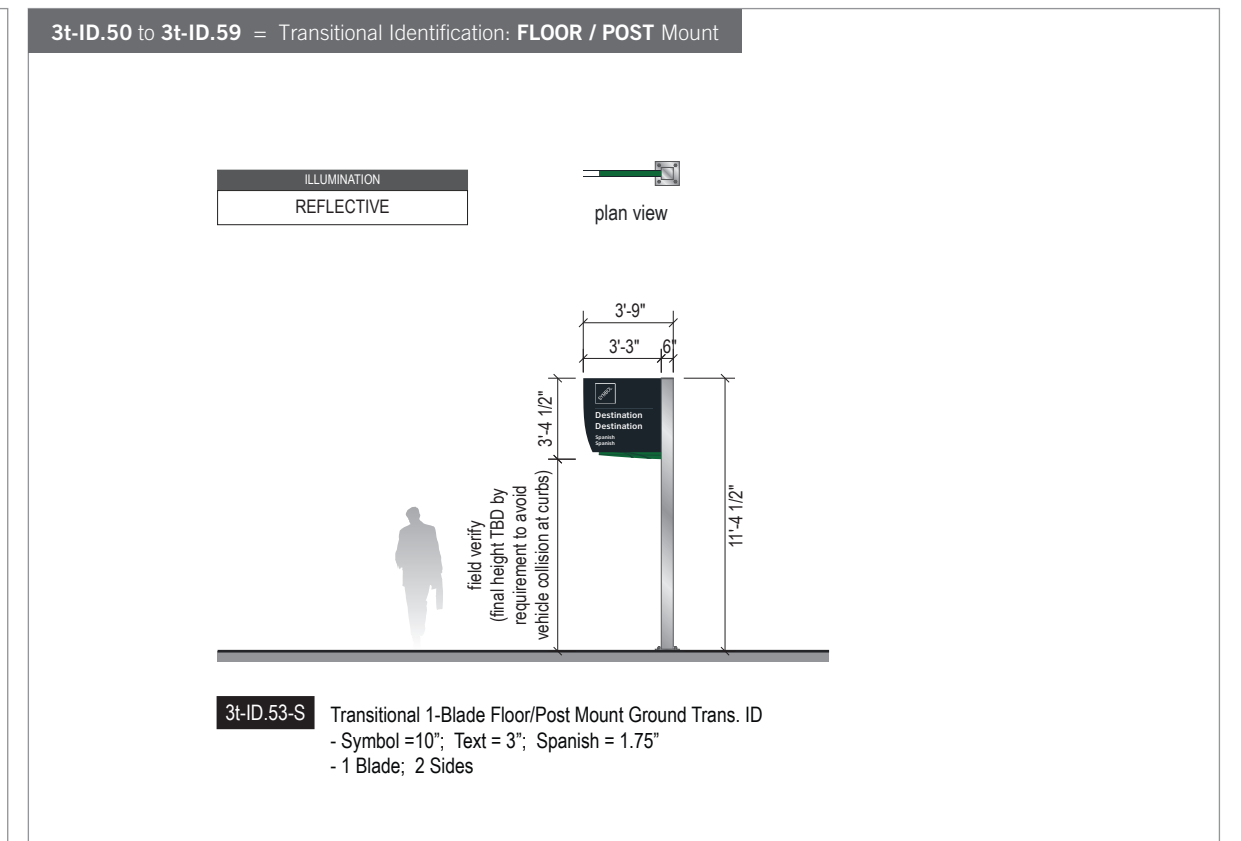
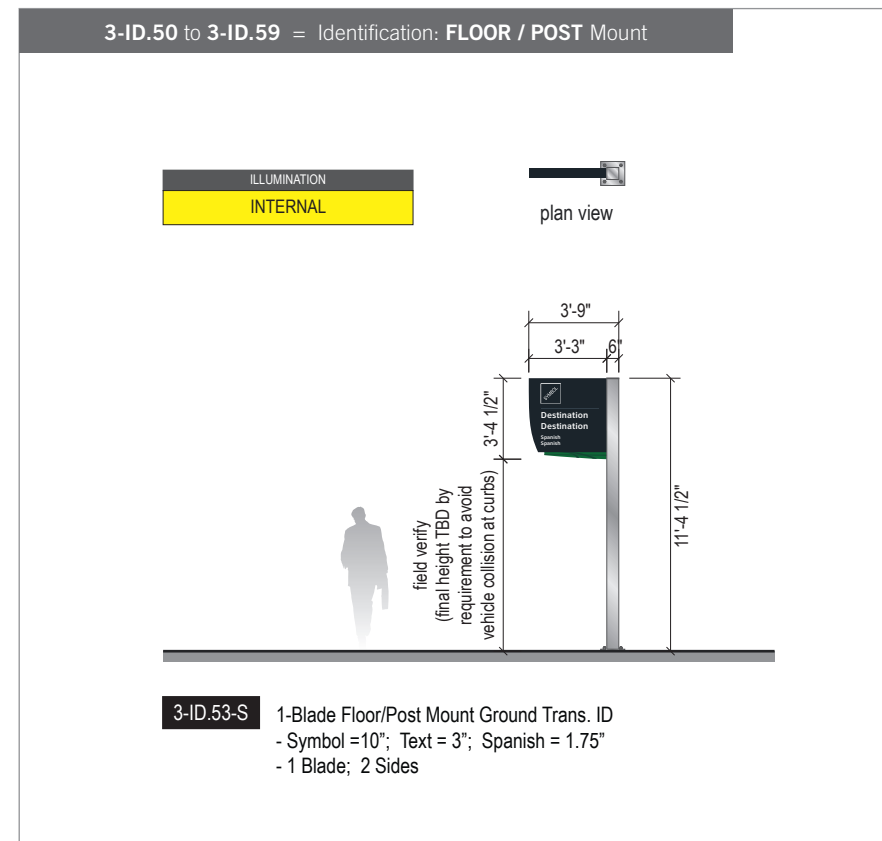
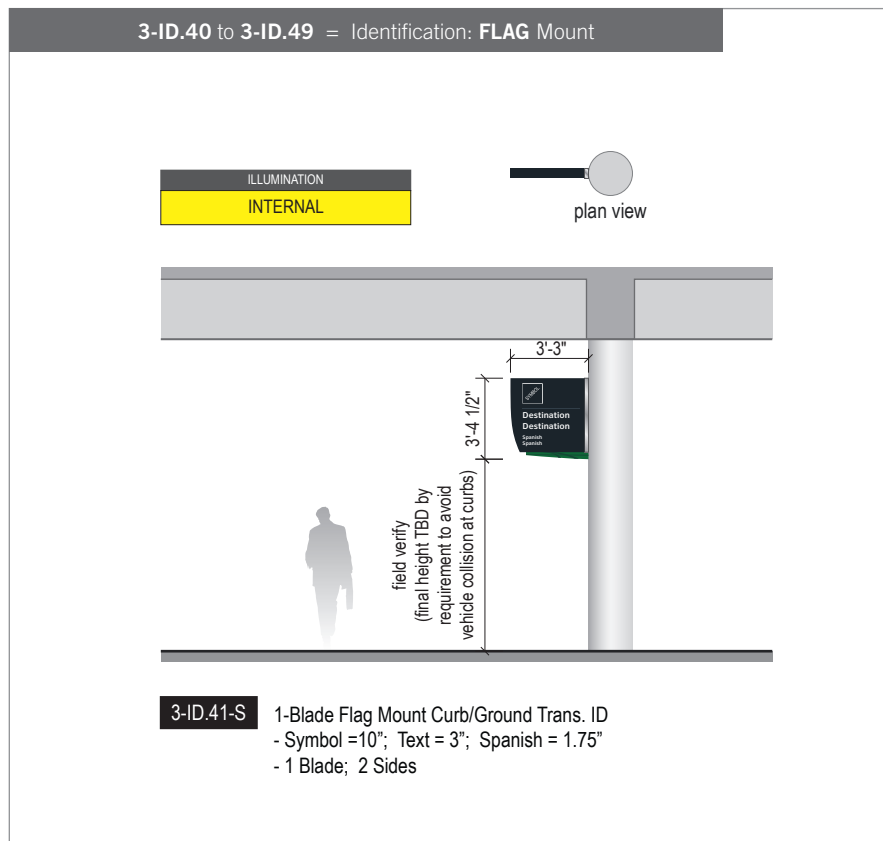
3t-ID.32 Wall Mount Address ID



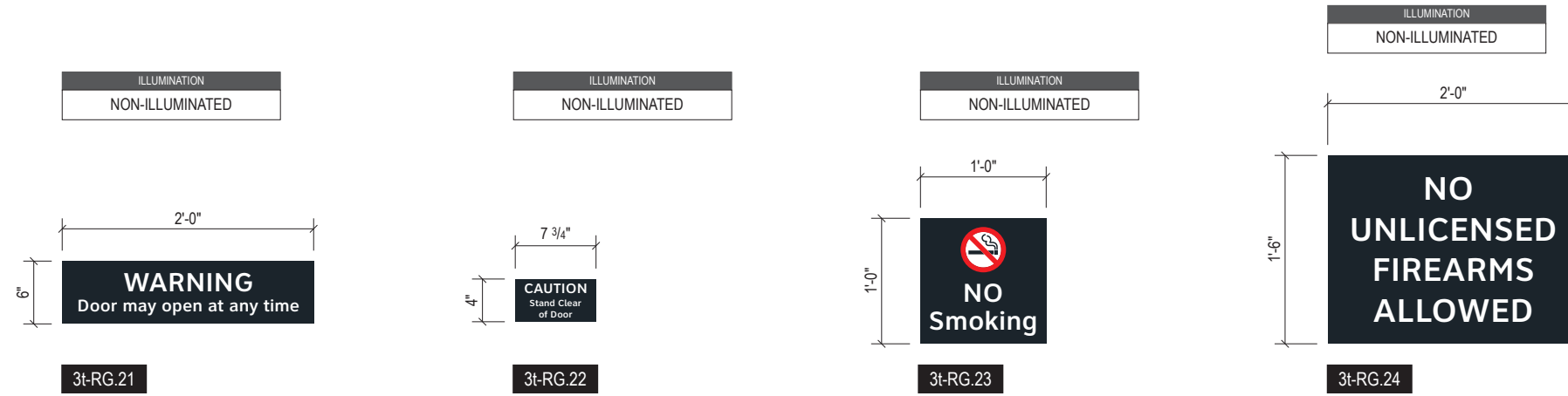
3t-ID.33 Terminal Symbol ID



3t-ID.34 Smoking Area ID



3t-RG.20 to 3t-RG.29 = Transitional Regulatory: WALL Mount



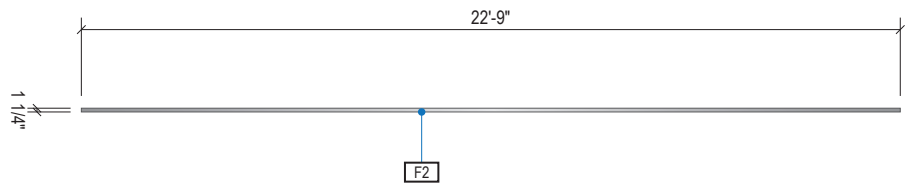
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.01e-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional 3-way Ceiling Flush Mount Directional w/ Extended Width Panels & Spanish

GENERAL NOTES

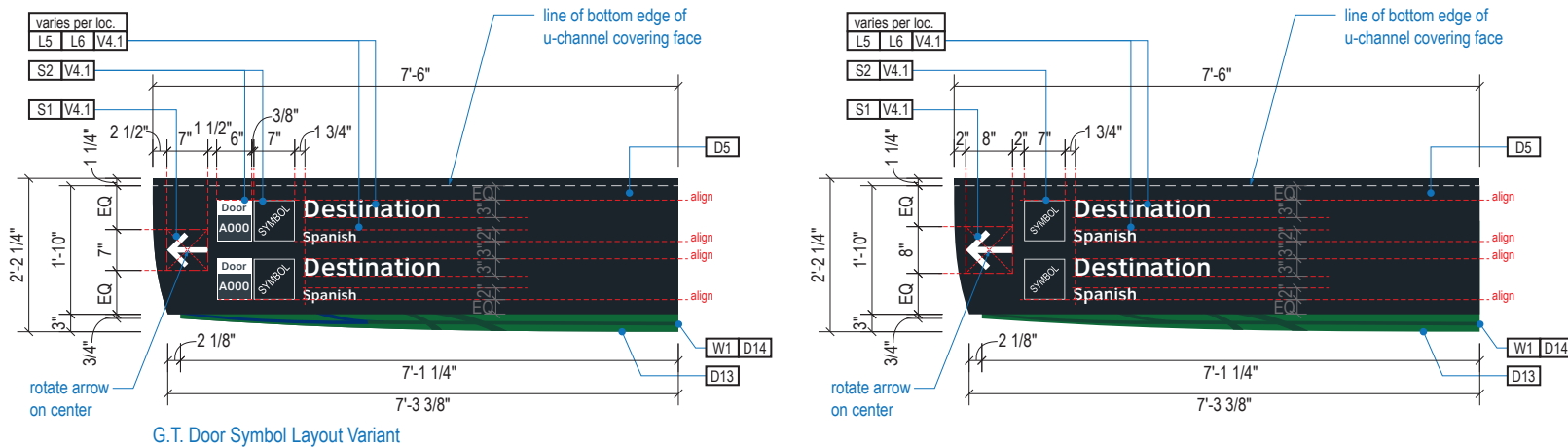
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

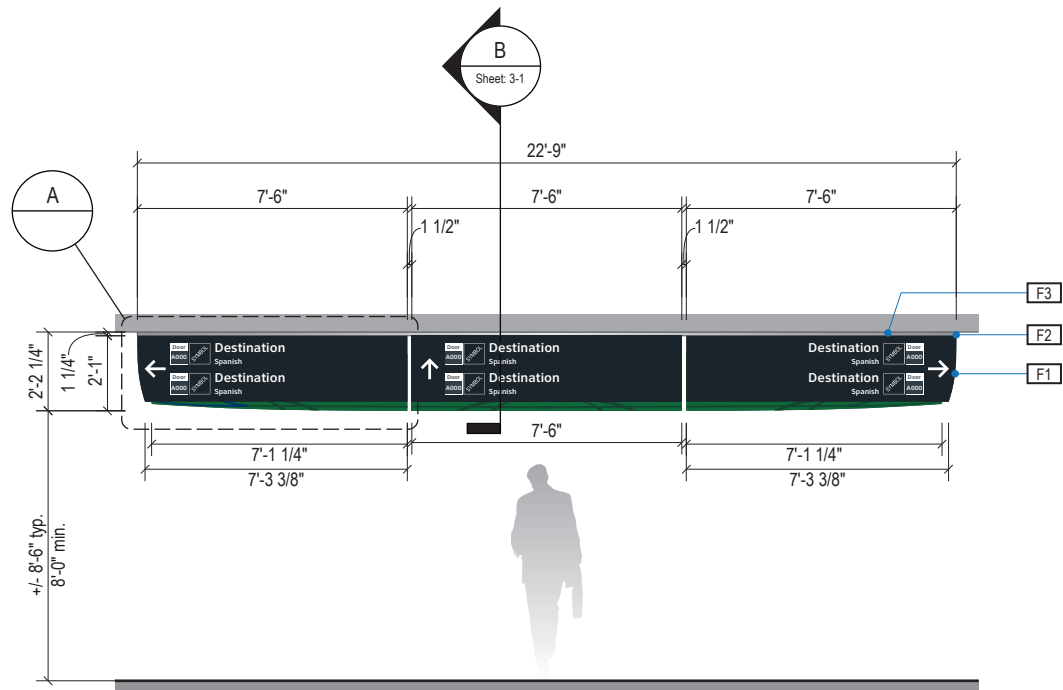
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



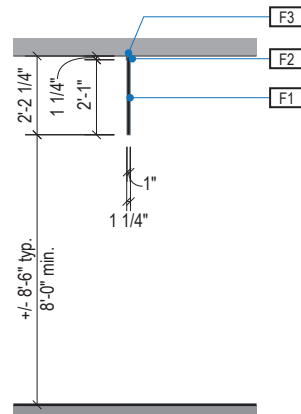
1 PLAN VIEW
Scale: 3/16" = 1'-0"



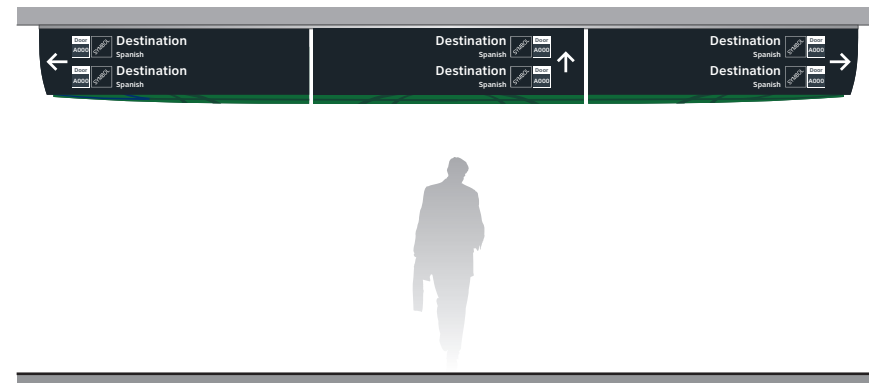
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

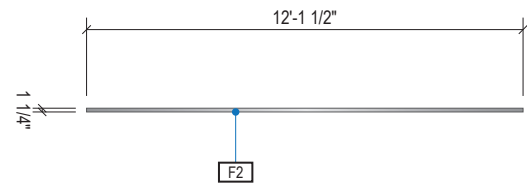
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.05-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional 2-way Ceiling Flush Mount Single Line Directional w/ Spanish

GENERAL NOTES

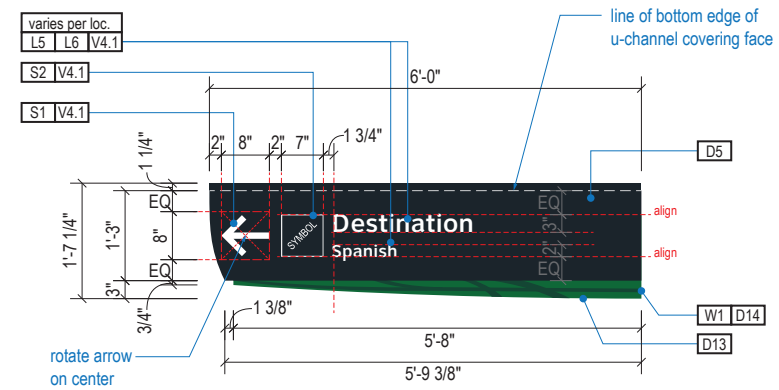
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

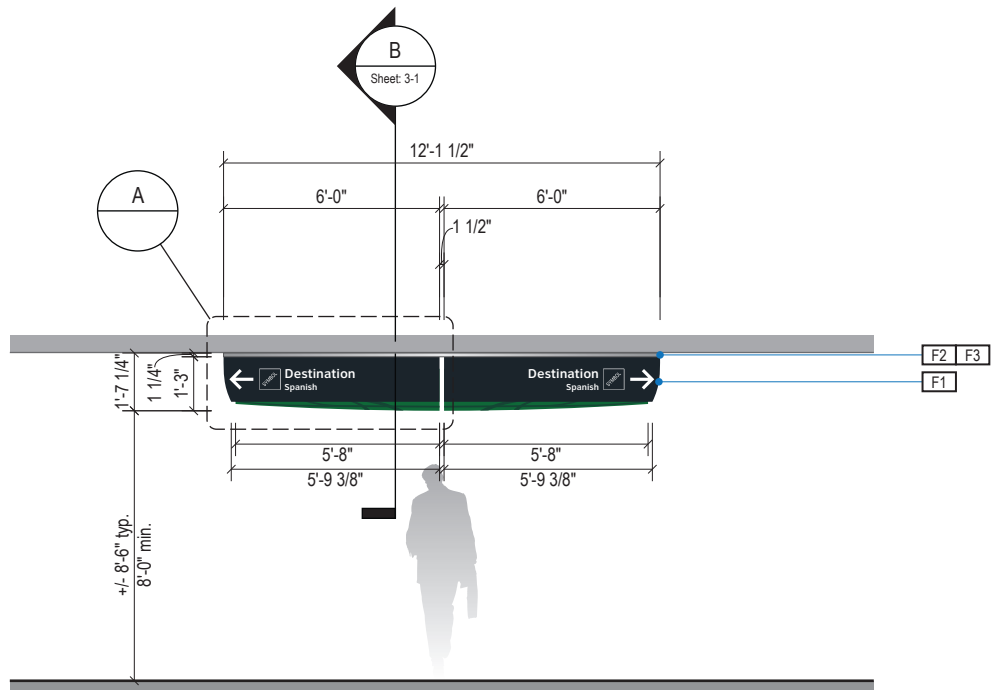
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



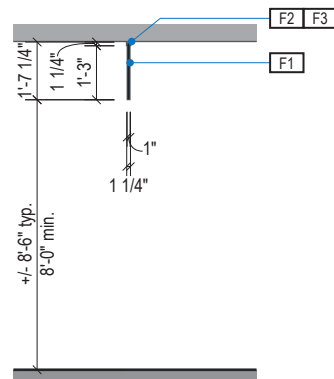
1 PLAN VIEW
Scale: 3/16" = 1'-0"



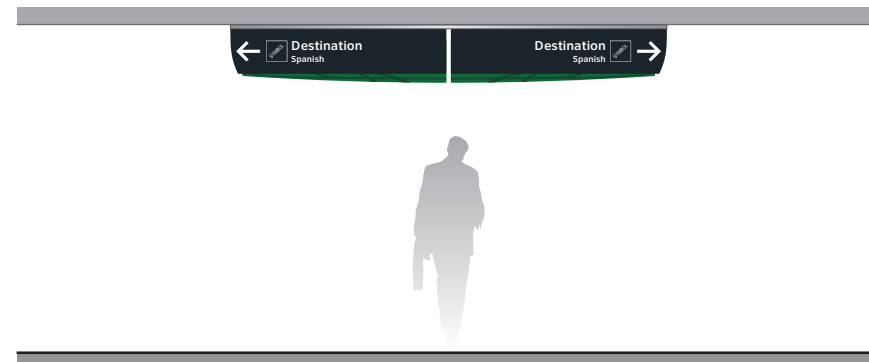
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

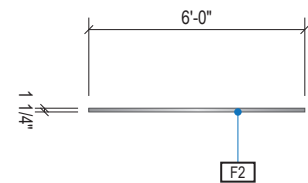
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1-DR.06-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional 1-way Ceiling Flush Mount Single Line Directional w/ Spanish

GENERAL NOTES

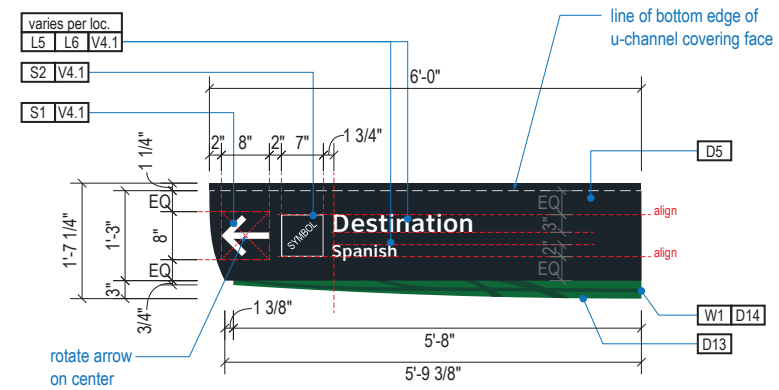
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

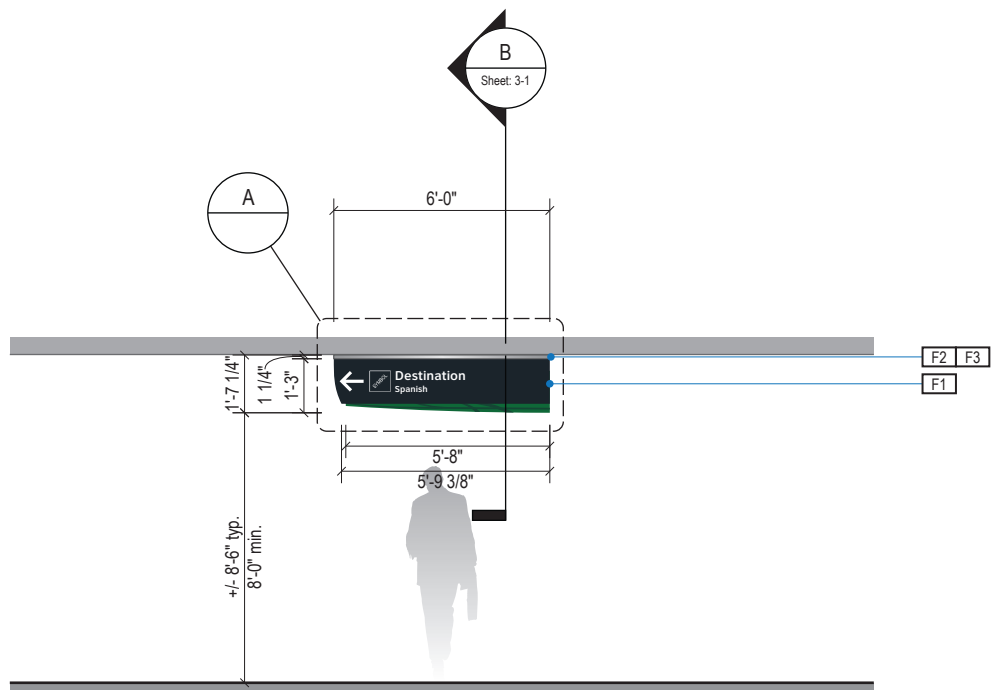
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin, sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin, ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



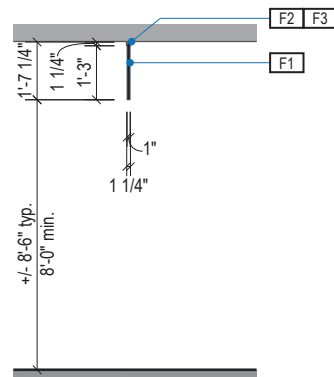
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
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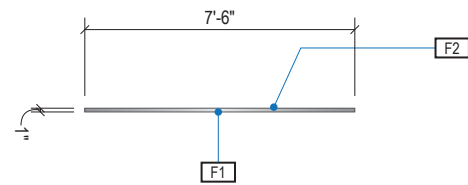
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.06b-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional Medium 1-way Ceiling Flush Mount Single Line Directional w/ Spanish

GENERAL NOTES

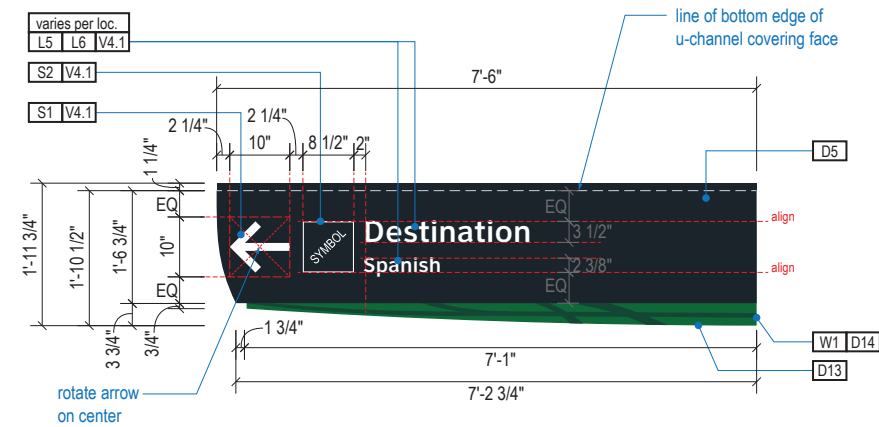
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DESIGN INTENT NOTES

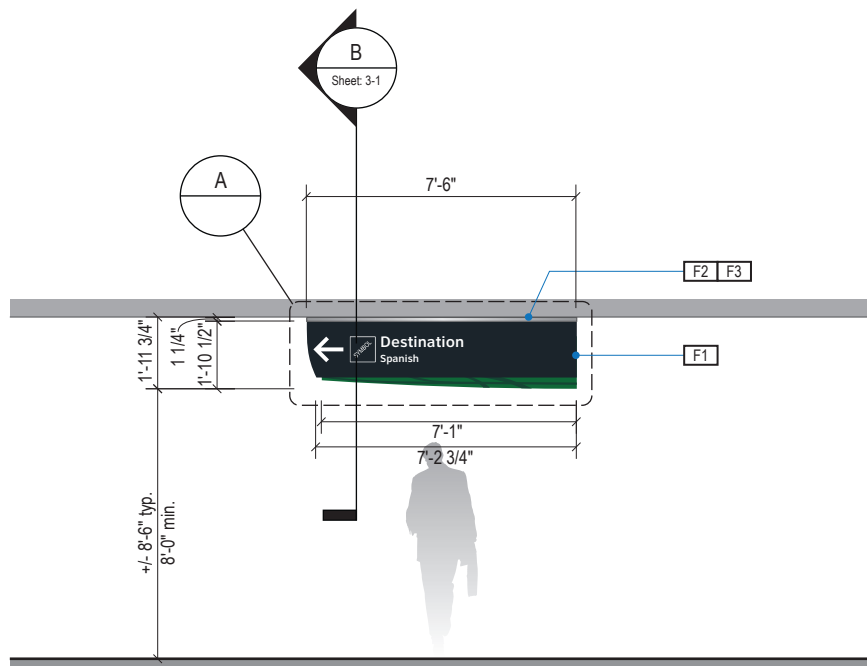
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



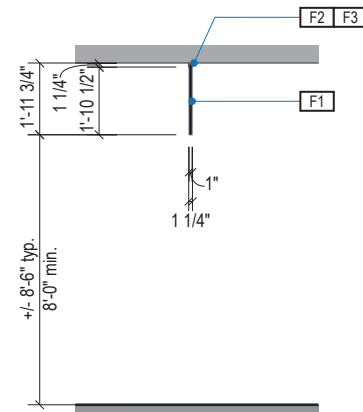
1 PLAN VIEW
Scale: 3/16" = 1'-0"



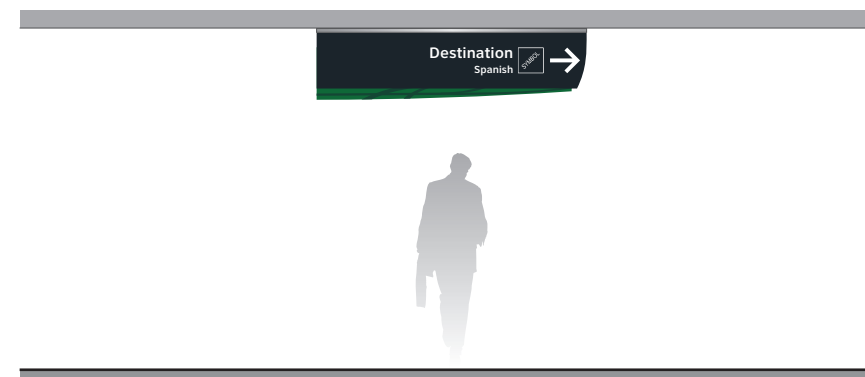
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION: 1t-DR.26b-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.26b-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
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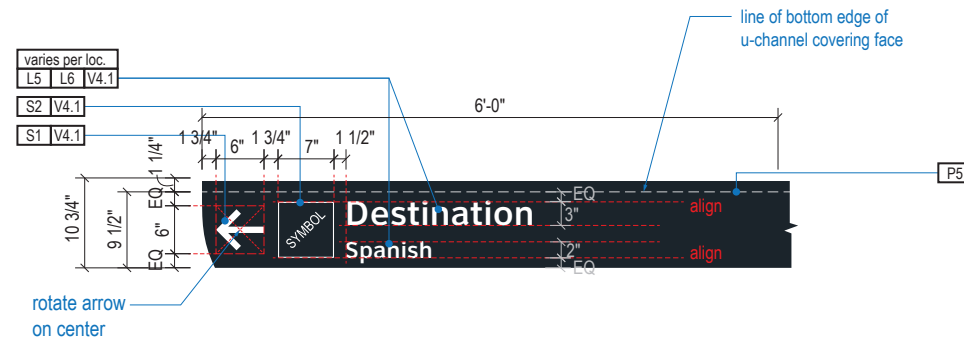
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.07-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional 2-way Ceiling Flush Mount Low Clearance Directional with Spanish

GENERAL NOTES

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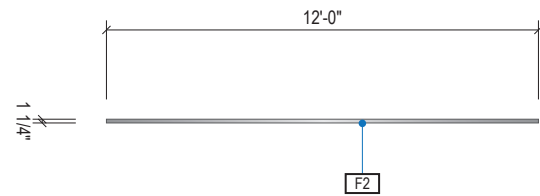
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



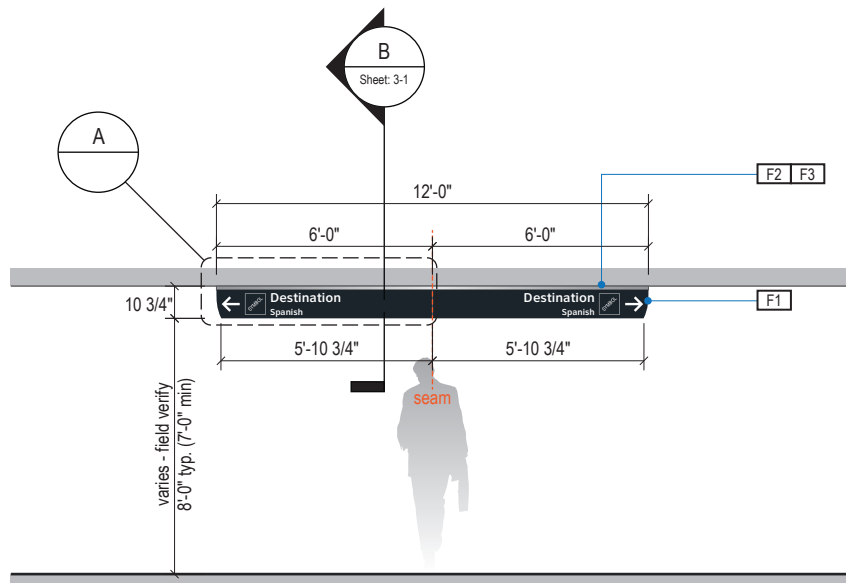
A FACE LAYOUT: Typical Messages

Scale: 1/2" = 1'-0"



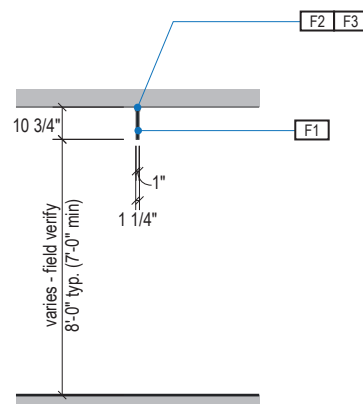
1 PLAN VIEW

Scale: 3/16" = 1'-0"



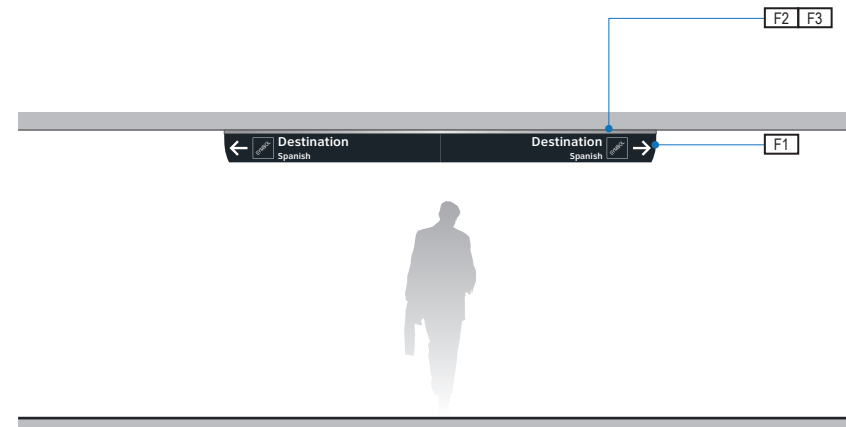
2 ELEVATION

Scale: 3/16" = 1'-0"



3 END VIEW

Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)

Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
 NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
 HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
 Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

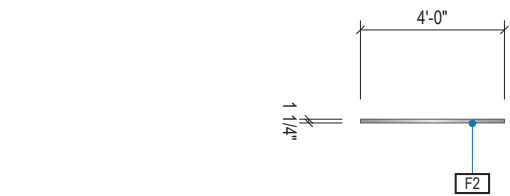
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.08d-S	DIRECTIONAL	CEILING FLUSH TOP	Transitional 1-way Ceiling Flush Mount Low Clearance Directional w/ Short Length Panel & Spanish

GENERAL NOTES

- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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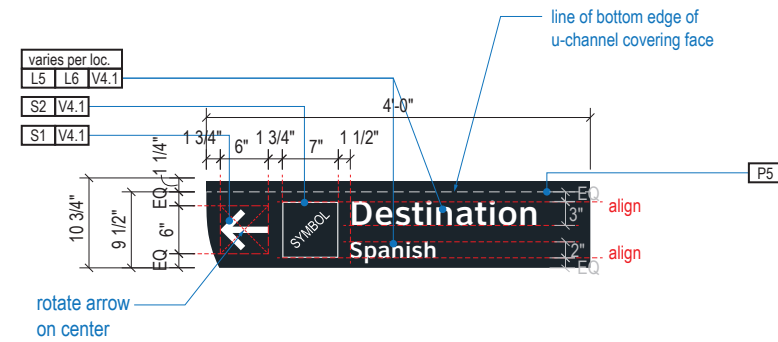
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



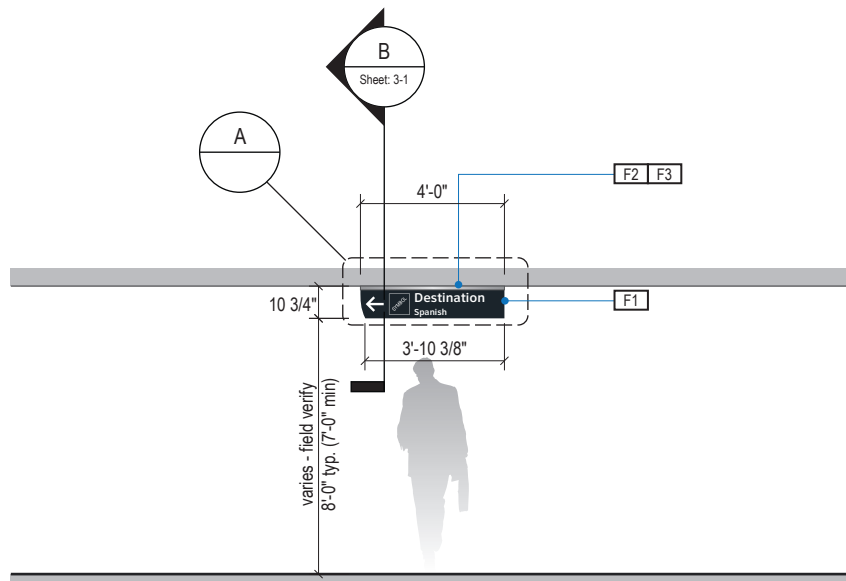
1 PLAN VIEW

Scale: 3/16" = 1'-0"



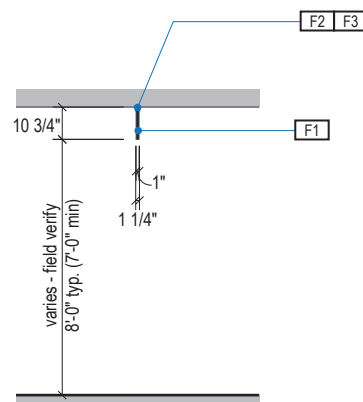
A FACE LAYOUT: Typical Messages

Scale: 1/2" = 1'-0"



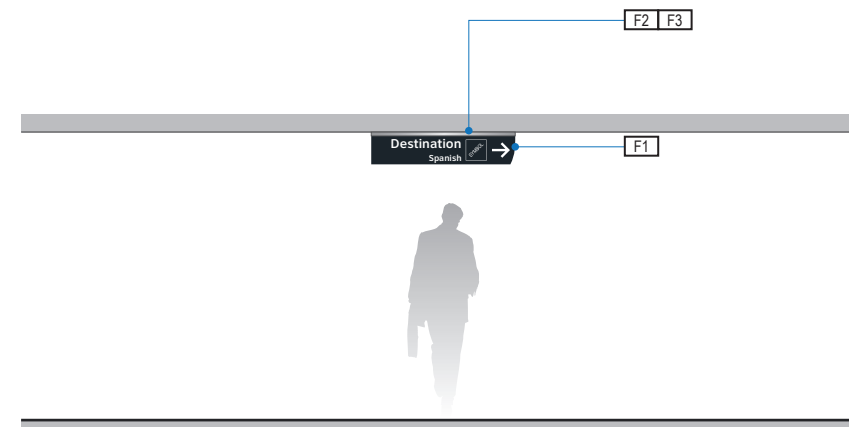
2 ELEVATION

Scale: 3/16" = 1'-0"



3 END VIEW

Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)

Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

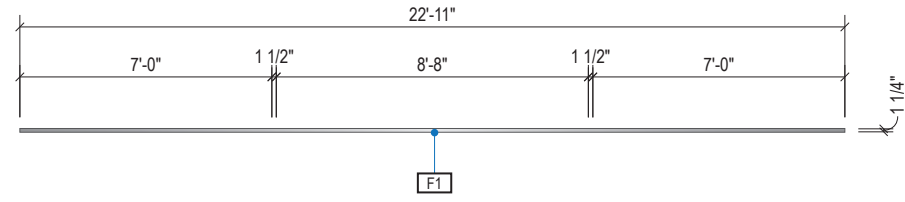
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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

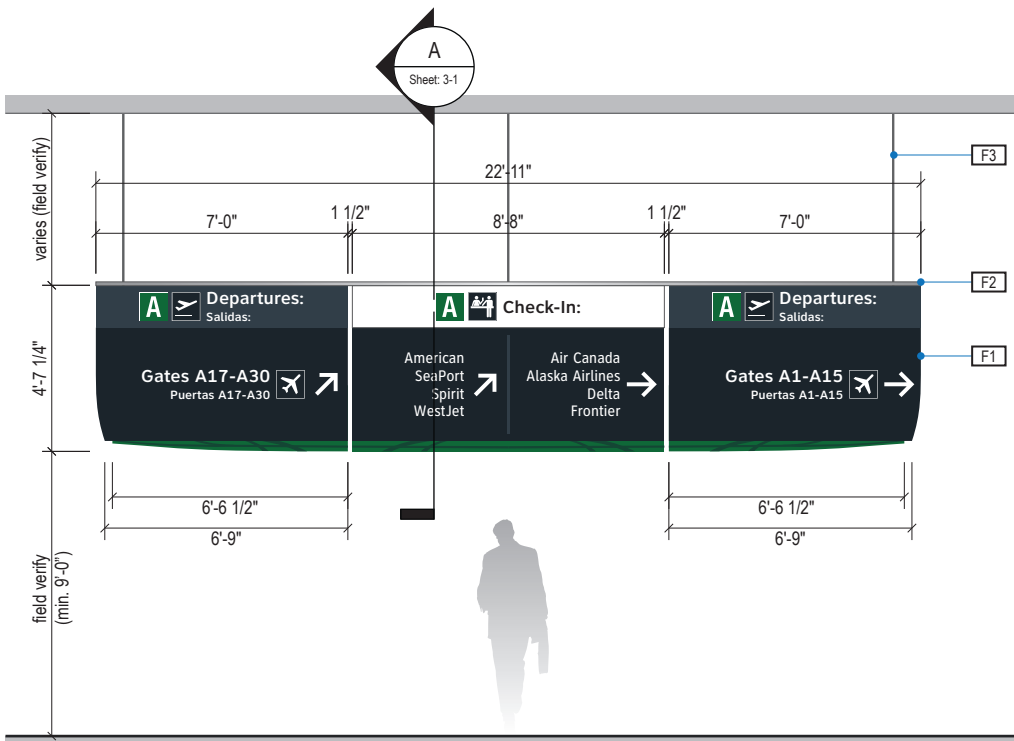
ILLUMINATION NON-ILLUMINATED	SIGN TYPE 1t-DR.10e-S	SIGN FUNCTION DIRECTIONAL	MOUNTING METHOD CEILING SUSPENDED	GENERAL DESCRIPTION & USE Transitional 3-way Over Ceiling Suspended Ticketing Lobby Directional w/ Spanish
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NOTE: REFER TO DETAIL E/3-1 FOR MAGNETIC PANEL DETAIL

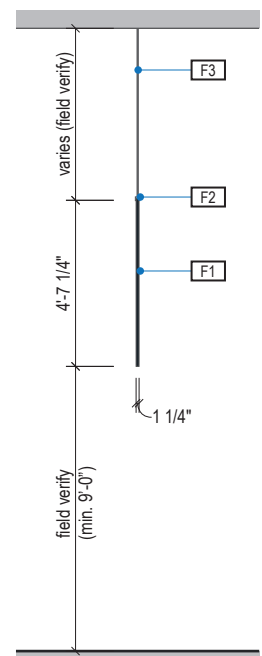
- GENERAL NOTES**
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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 - Messages shown here are typical placeholders only. See message schedules for specific messaging by location and sign type.
- DESIGN INTENT NOTES**
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
 - F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
 - F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



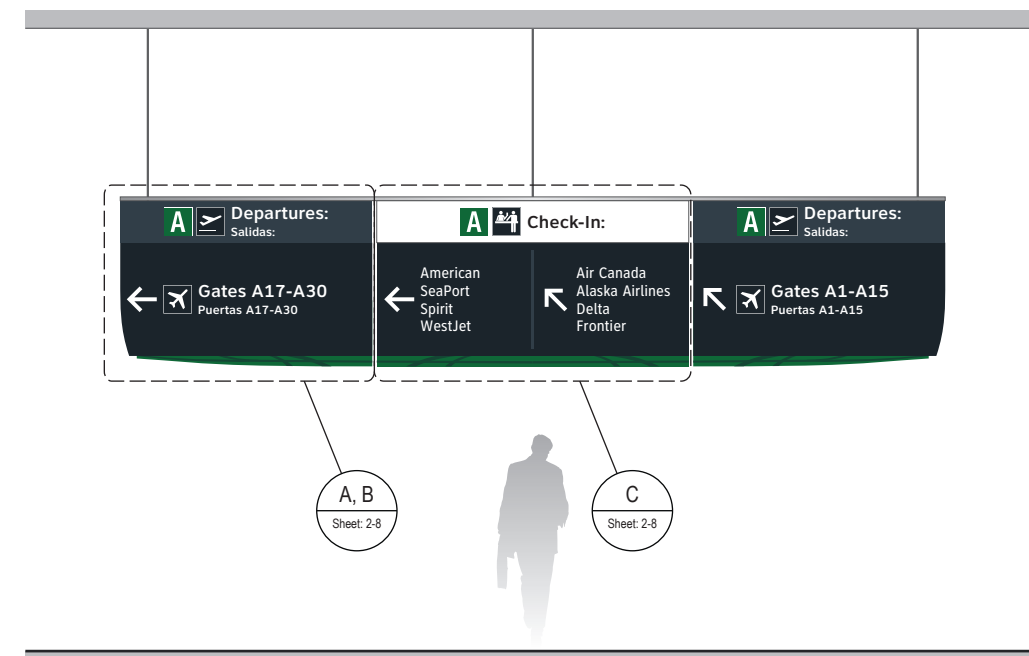
1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



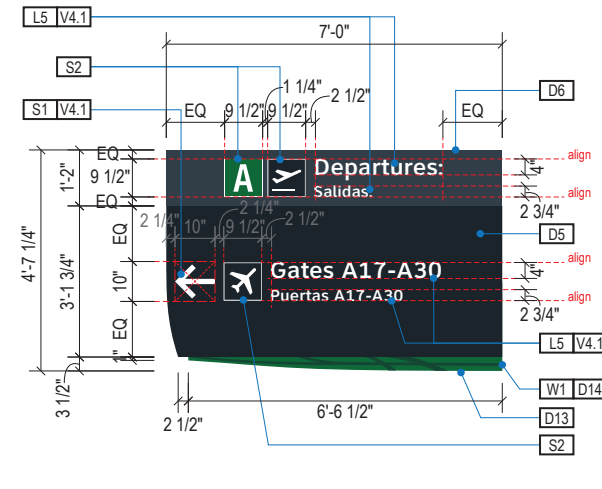
4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

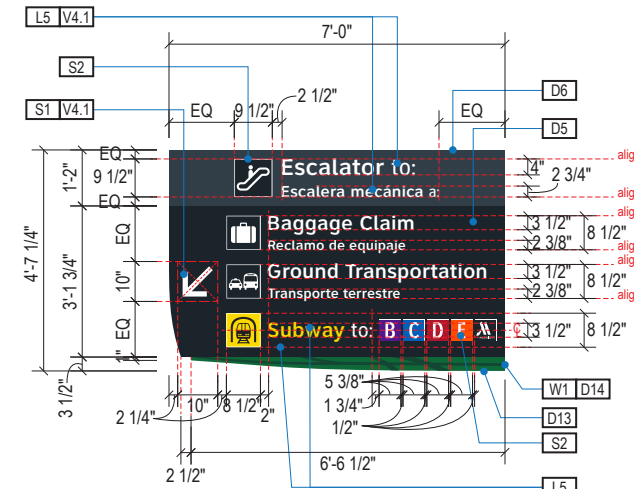
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.10e-S	DIRECTIONAL	CEILING SUSPENDED	Transitional 3-way Over Ceiling Suspended Ticketing Lobby Directional w/ Spanish

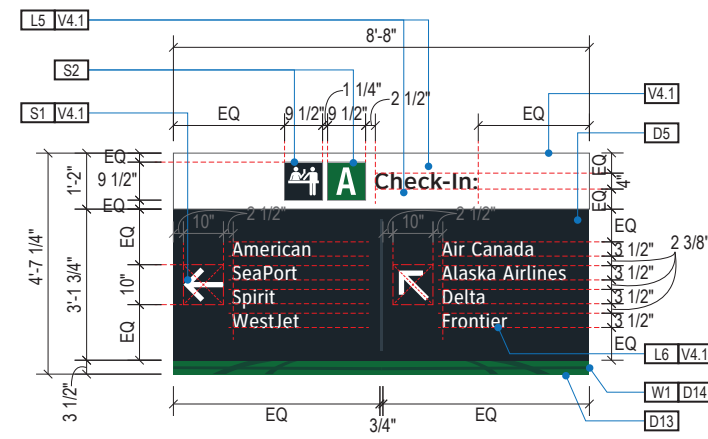
NOTE: REFER TO DETAIL E/3-1 FOR MAGNETIC PANEL DETAIL



A FACE LAYOUT: Departures ID/Gates Panels
Scale: 1/4" = 1'-0"



B FACE LAYOUT: Escalator Directional Panels
Scale: 1/4" = 1'-0"



C FACE LAYOUT: Ticketing ID/Airlines Panels
Scale: 1/4" = 1'-0"

- GENERAL NOTES**
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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 - Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.
- DESIGN INTENT NOTES**
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
 - F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin, sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
 - F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin, ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
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- COLORS:**
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- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

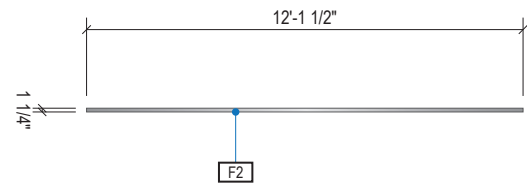
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.12-S	DIRECTIONAL	CEILING SUSPENDED	Transitional 2-way Ceiling Suspended Directional w/ Spanish

GENERAL NOTES

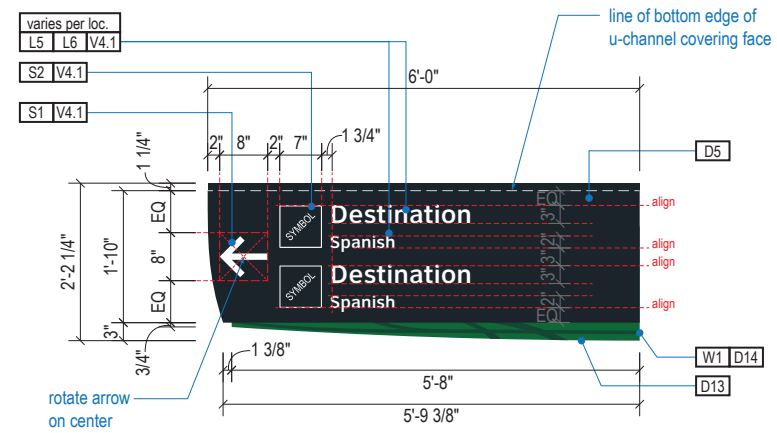
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DESIGN INTENT NOTES

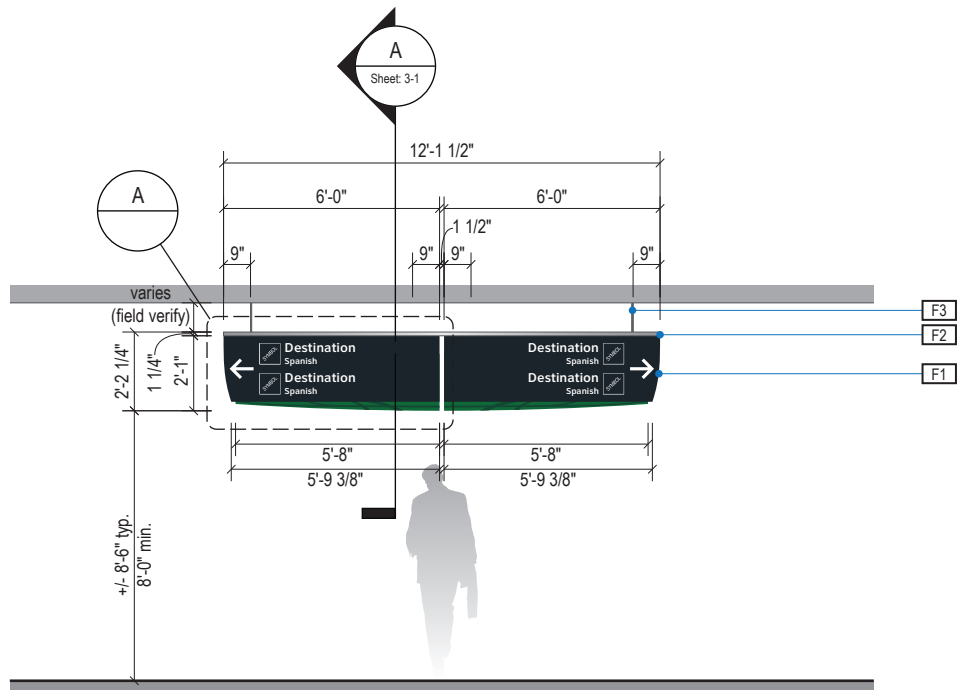
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- F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



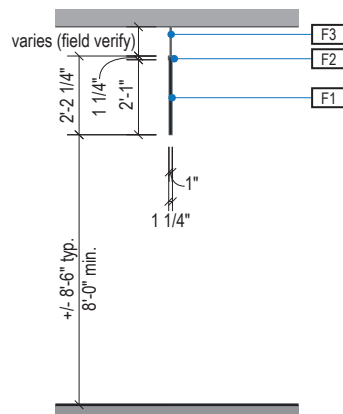
1 PLAN VIEW
Scale: 3/16" = 1'-0"



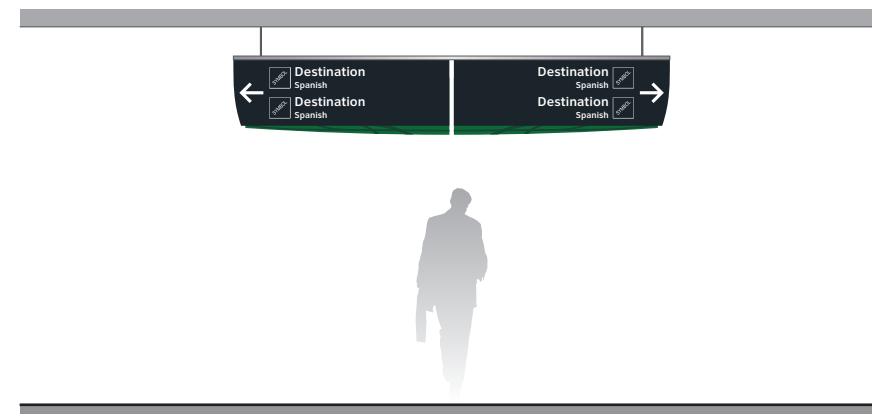
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

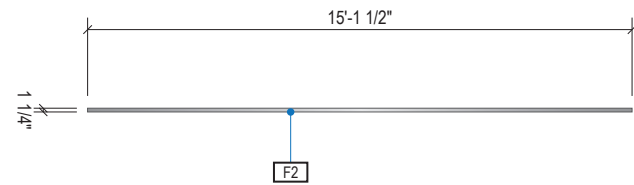
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1-DR.12b-S	DIRECTIONAL	CEILING SUSPENDED	Transitional Medium 2-way Ceiling Suspended Directional w/ Spanish

GENERAL NOTES

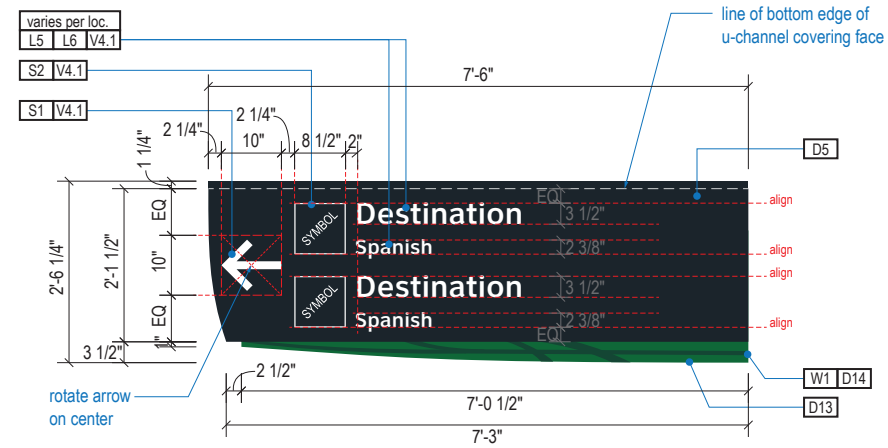
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

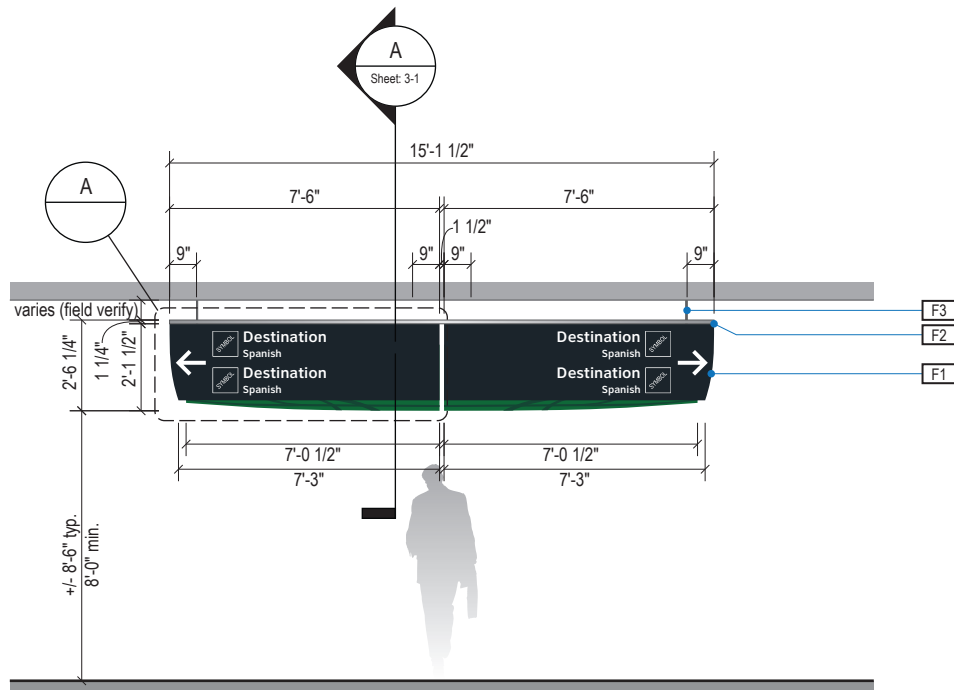
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- F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



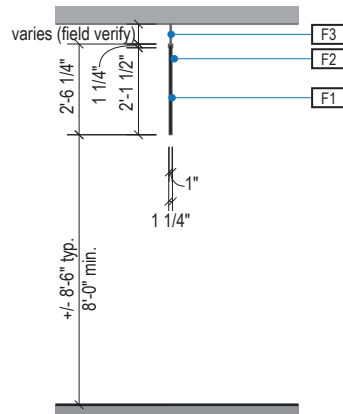
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

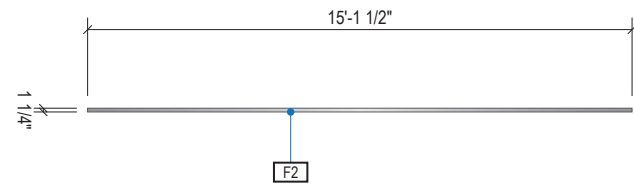
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.15b-S	DIRECTIONAL	CEILING SUSPENDED	Transitional Medium 2-way Ceiling Suspended Directional w/ Spanish

GENERAL NOTES

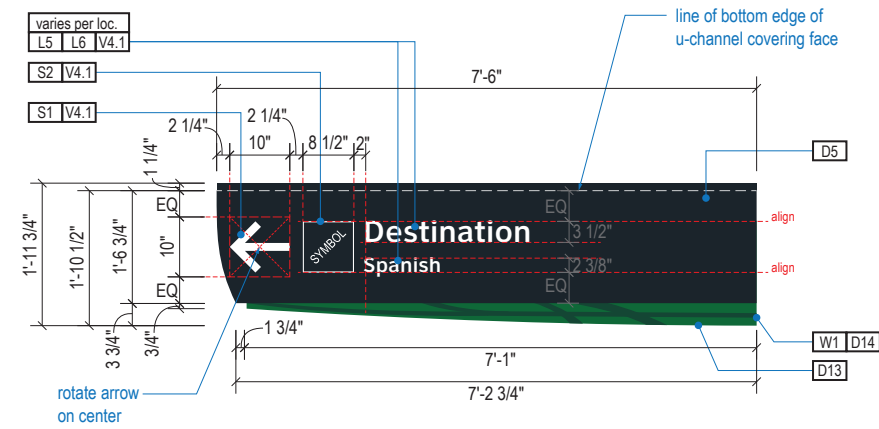
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
- Wherever dissimilar metals are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic corrosion.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

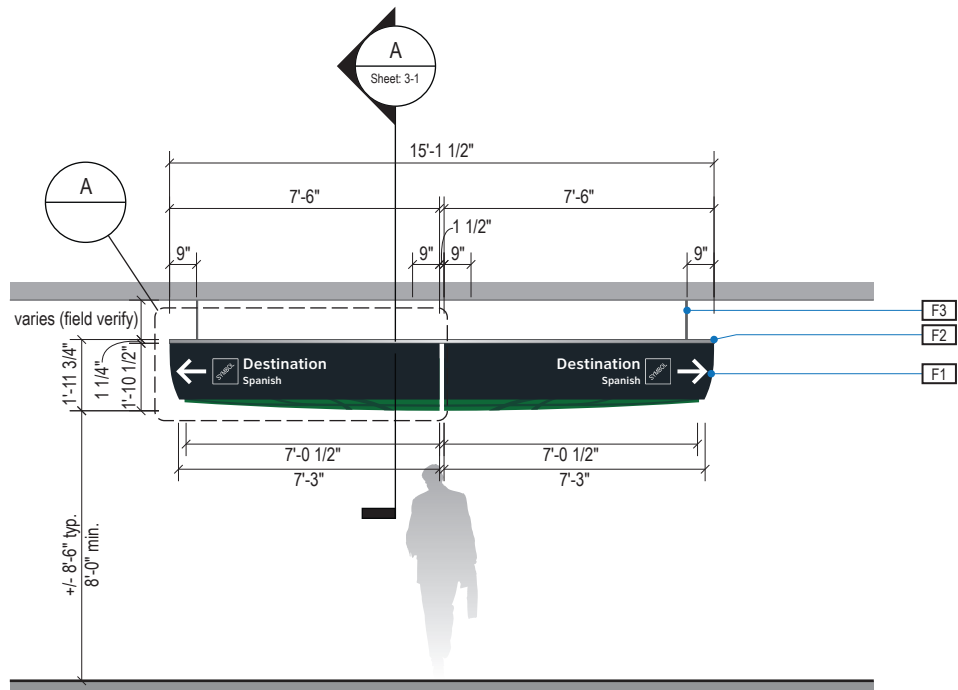
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



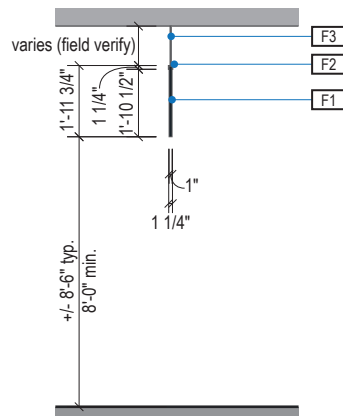
1 PLAN VIEW
Scale: 3/16" = 1'-0"



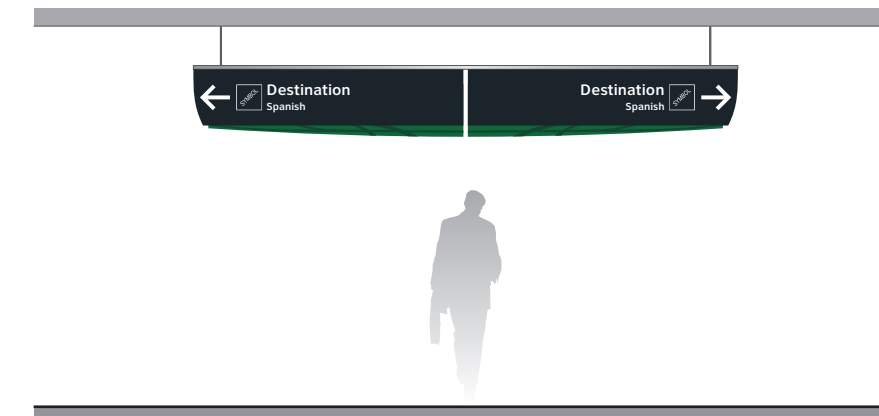
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

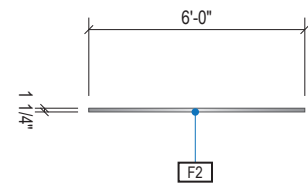
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1T-DR.16-S	DIRECTIONAL	CEILING SUSPENDED	Transitional 1-way Ceiling Suspended Single Line Directional w/ Spanish

GENERAL NOTES

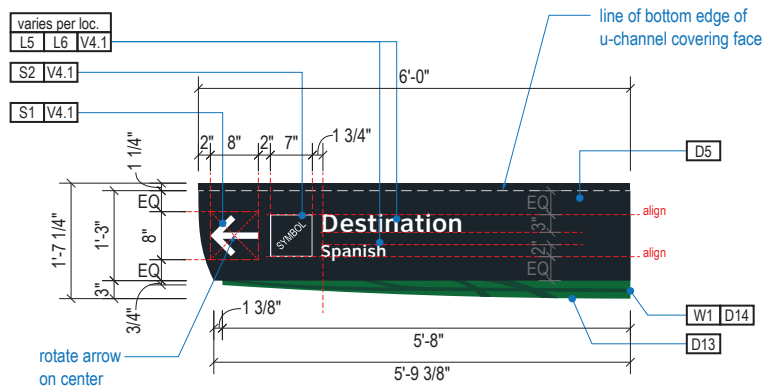
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
- Wherever dissimilar metals are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic corrosion.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

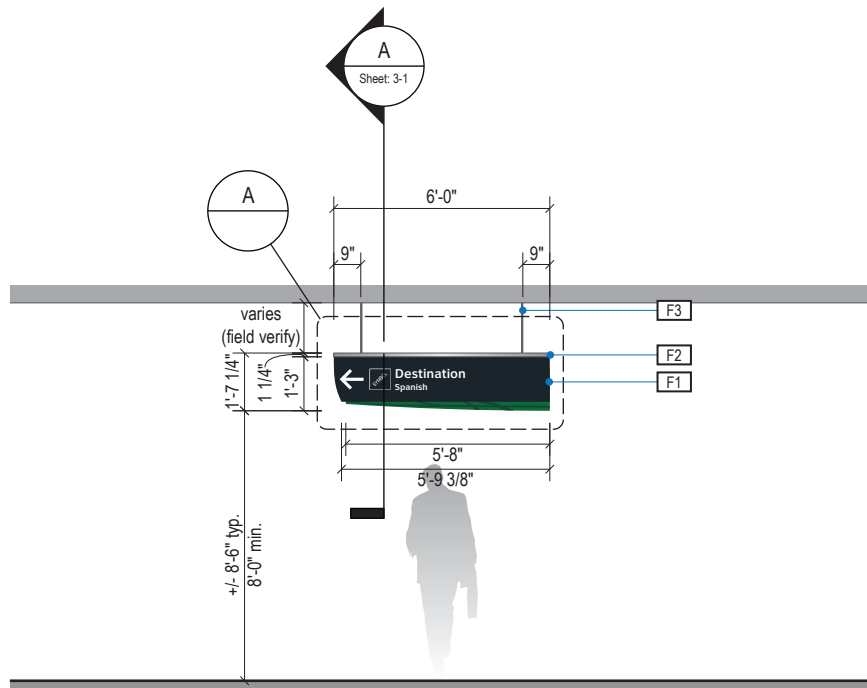
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



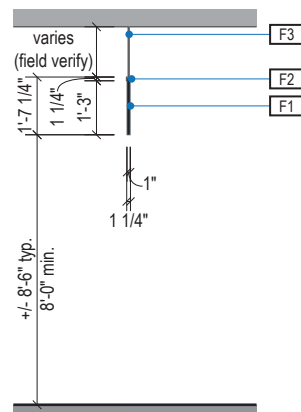
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

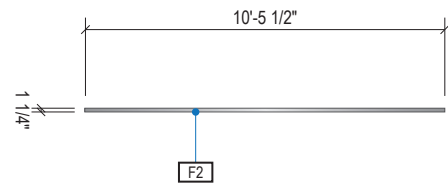
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1-DR.18b-S	DIRECTIONAL	CEILING SUSPENDED	Transitional Medium 1-way Ceiling Suspended Directional w/ "EXIT to" ID Panel & Spanish

GENERAL NOTES

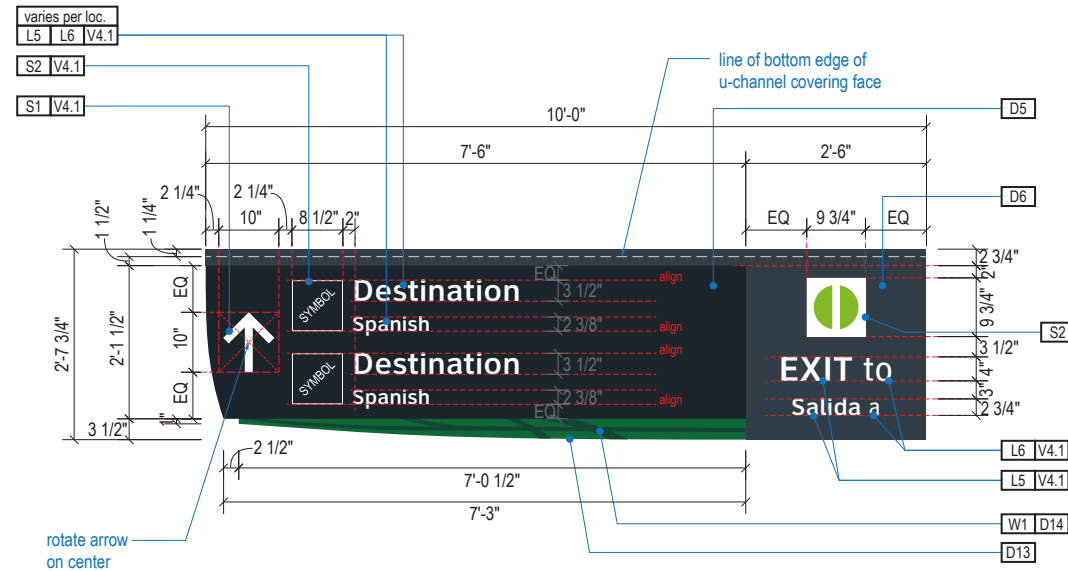
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

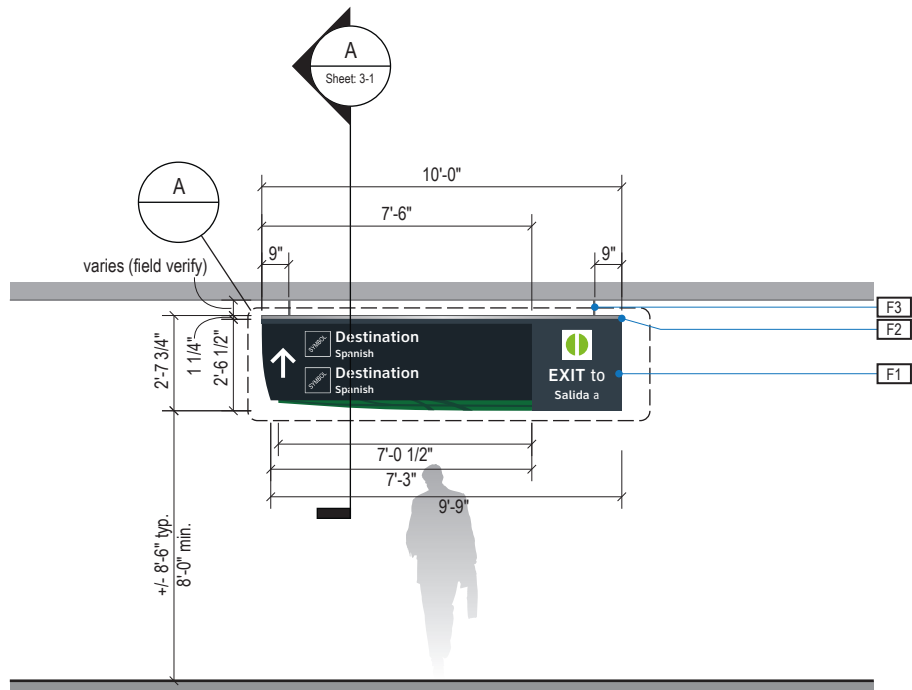
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin, sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ aircraft grade stainless suspension cables, mech. fastener hardware and hidden (above fin. ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



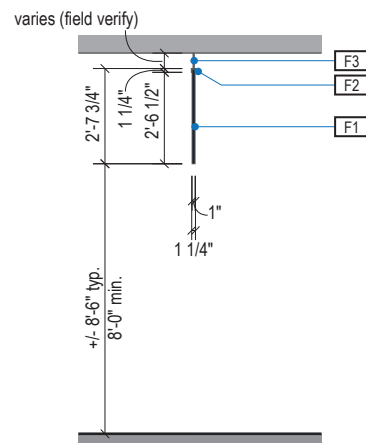
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

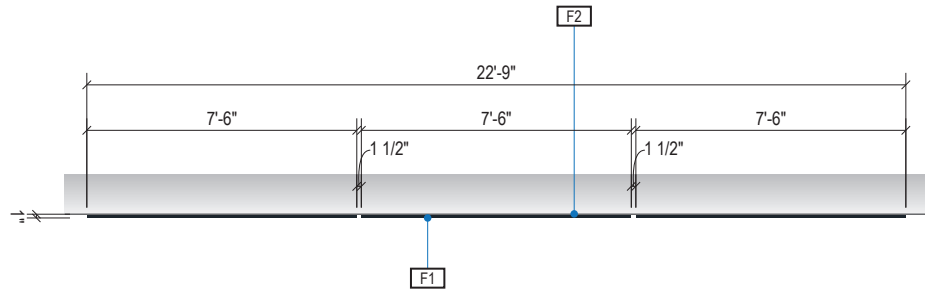
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.21b-S	DIRECTIONAL	SOFFIT / WALL	Transitional Medium 3-way Soffit/Wall Mount Directional w/ Spanish

GENERAL NOTES

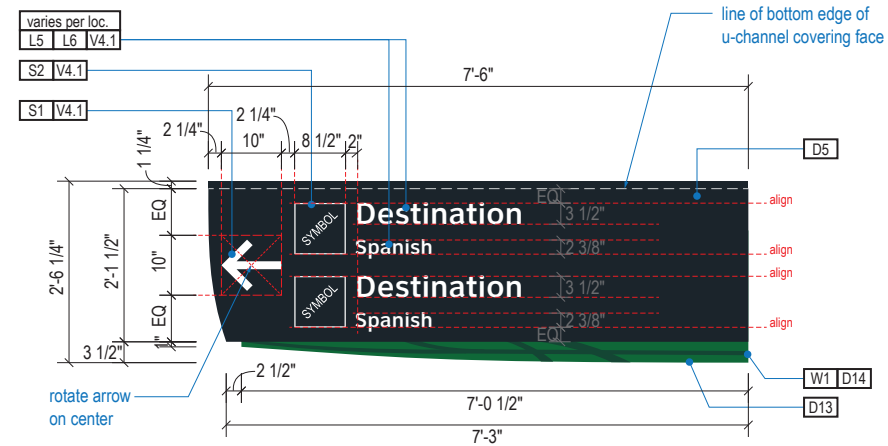
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

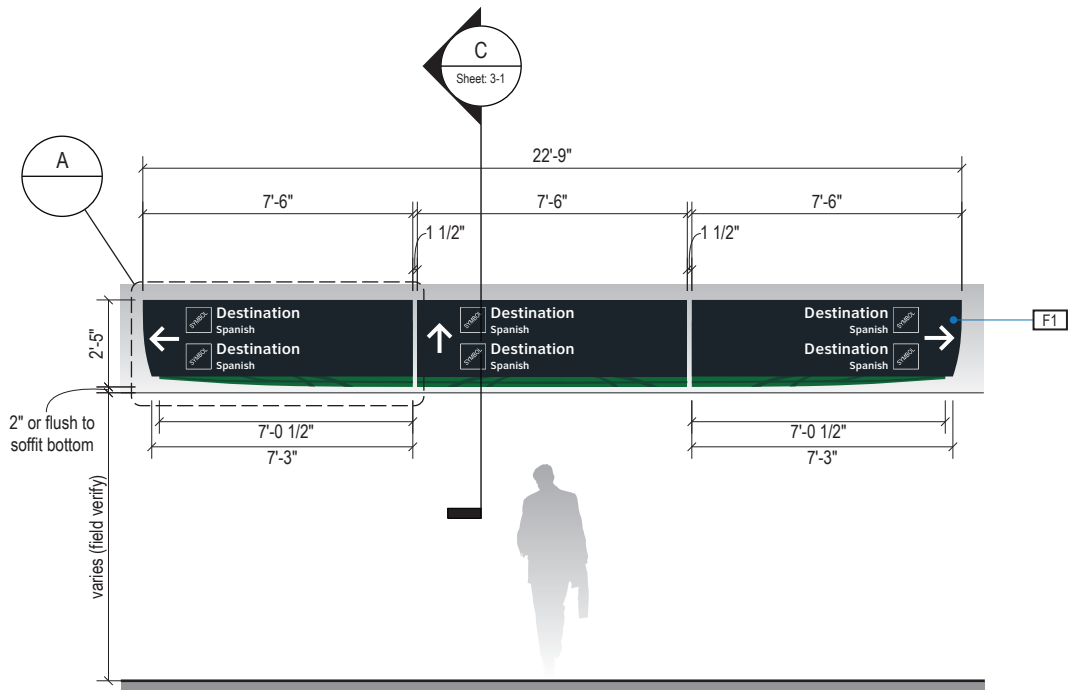
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



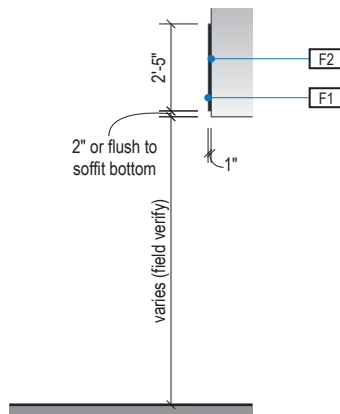
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

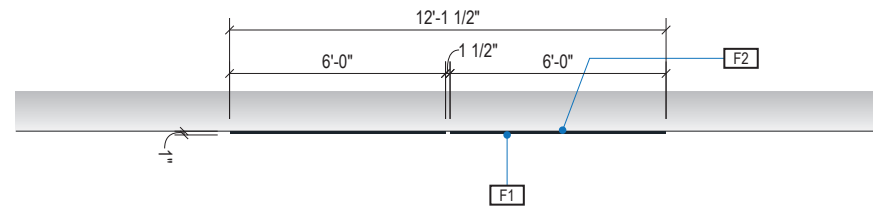
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.22-S	DIRECTIONAL	WALL/SOFFIT	Transitional 2-way Wall/Soffit Mount Directional w/ Spanish

GENERAL NOTES

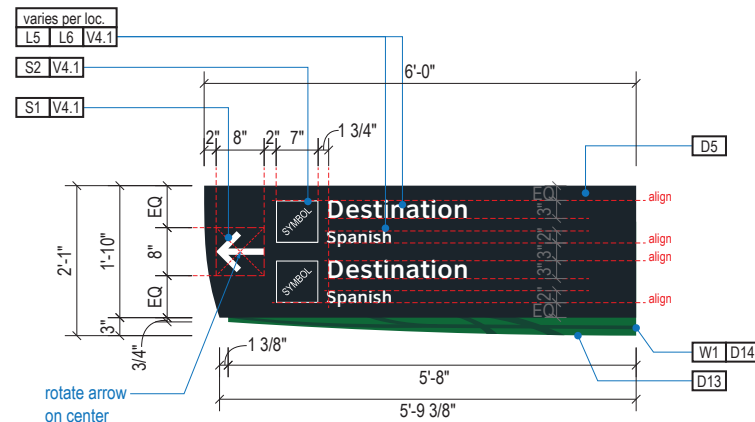
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

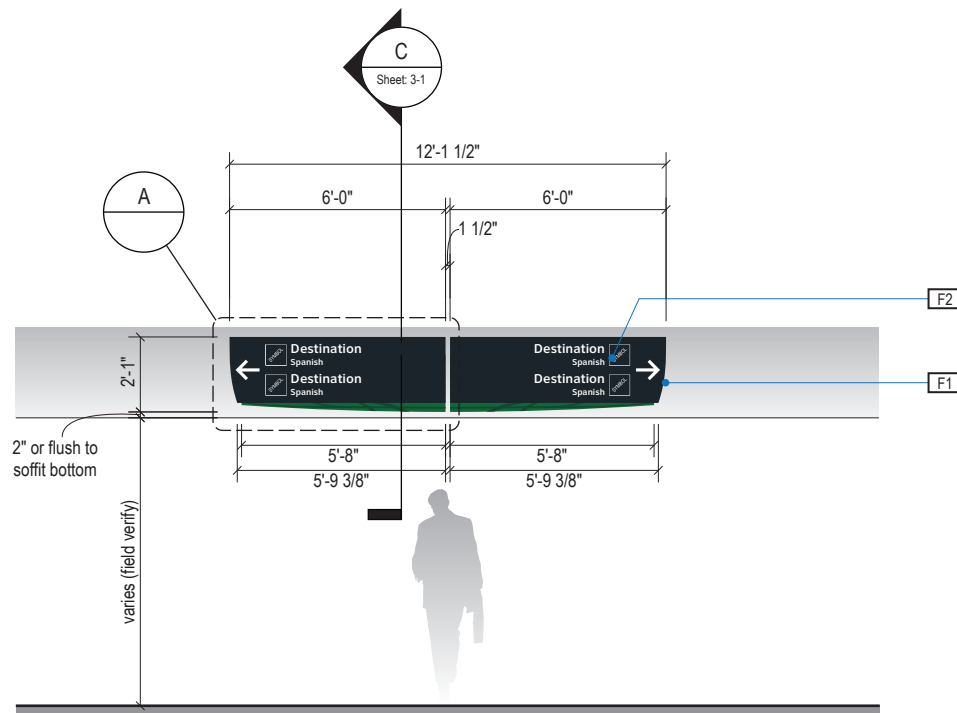
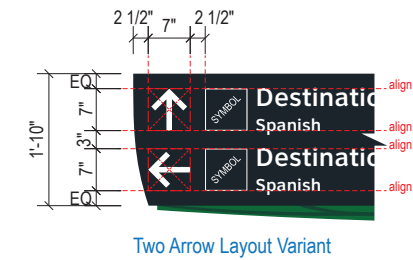
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



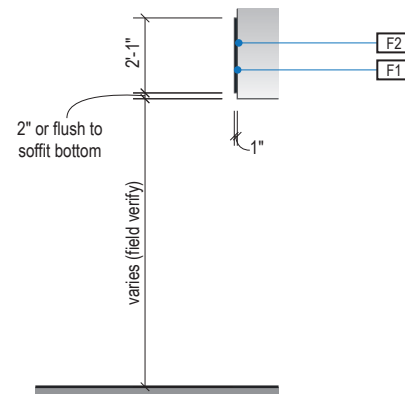
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:
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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

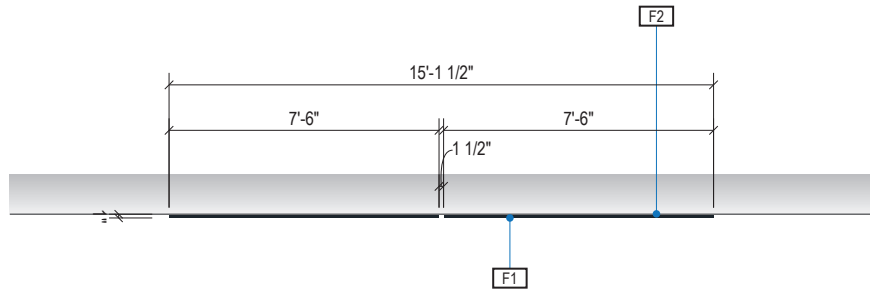
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.22b-S	DIRECTIONAL	SOFFIT / WALL	Transitional Medium 2-way Soffit/Wall Mount Directional w/ Spanish

GENERAL NOTES

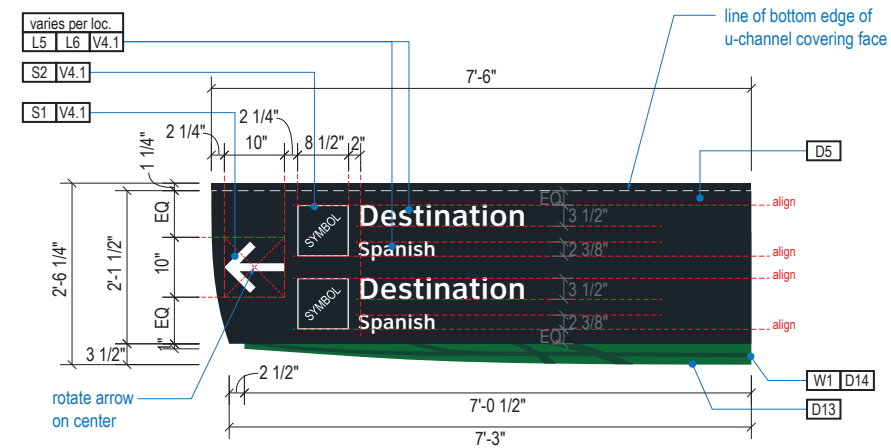
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

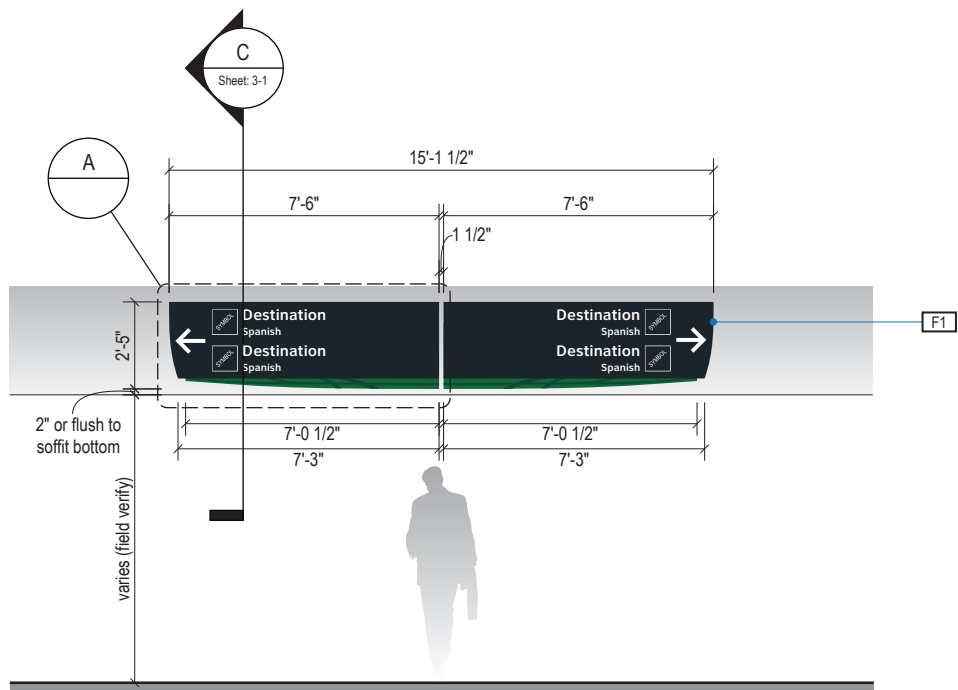
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



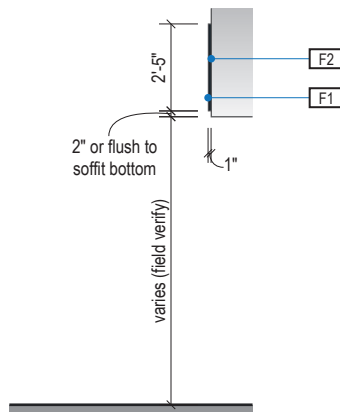
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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Terminal A - Transitional Signage

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

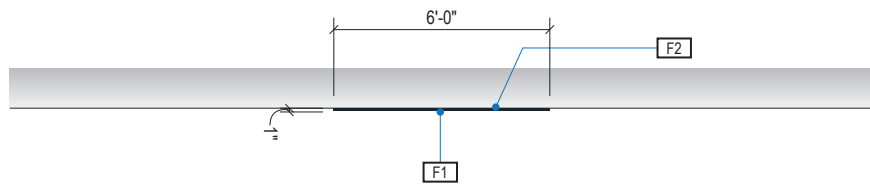
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.23-S; 1t-DR.23-r-S	DIRECTIONAL	WALL/SOFFIT	Transitional 1-way Wall/Soffit Mount Directional w/ Spanish

GENERAL NOTES

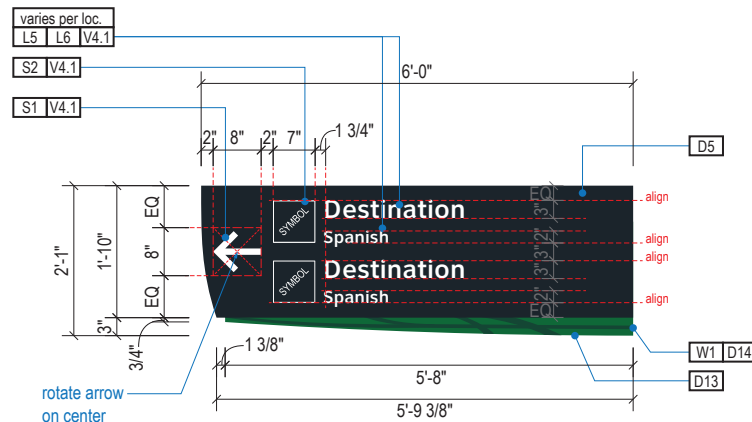
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

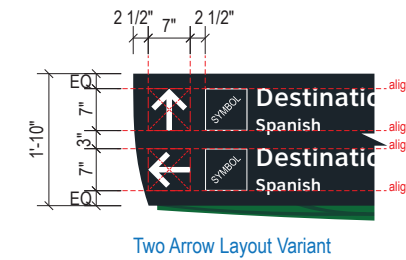
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



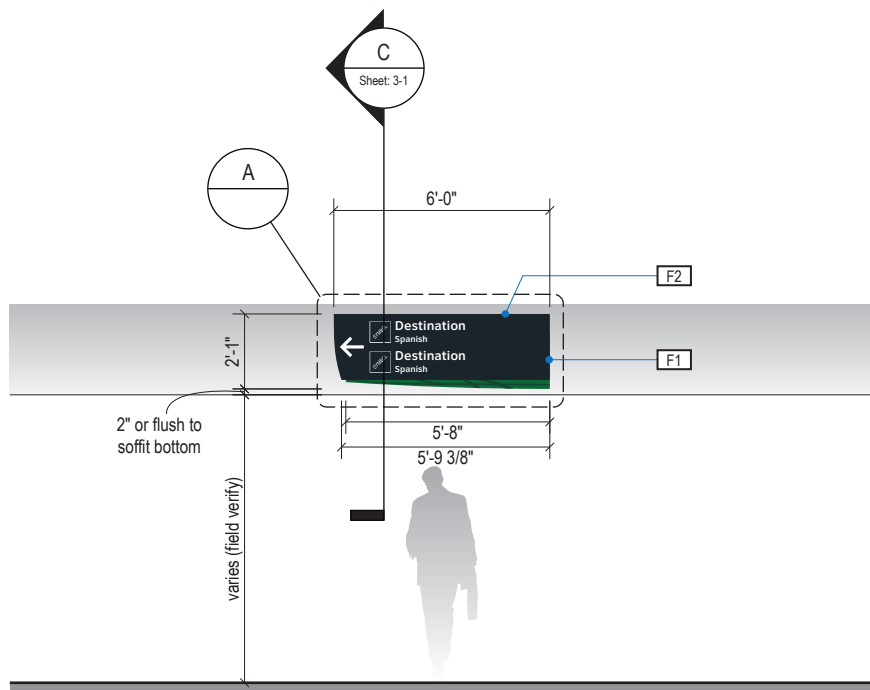
1 PLAN VIEW
Scale: 3/16" = 1'-0"



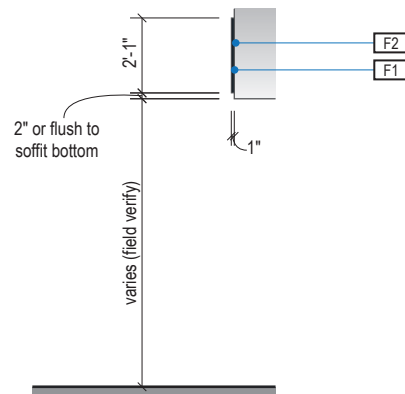
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



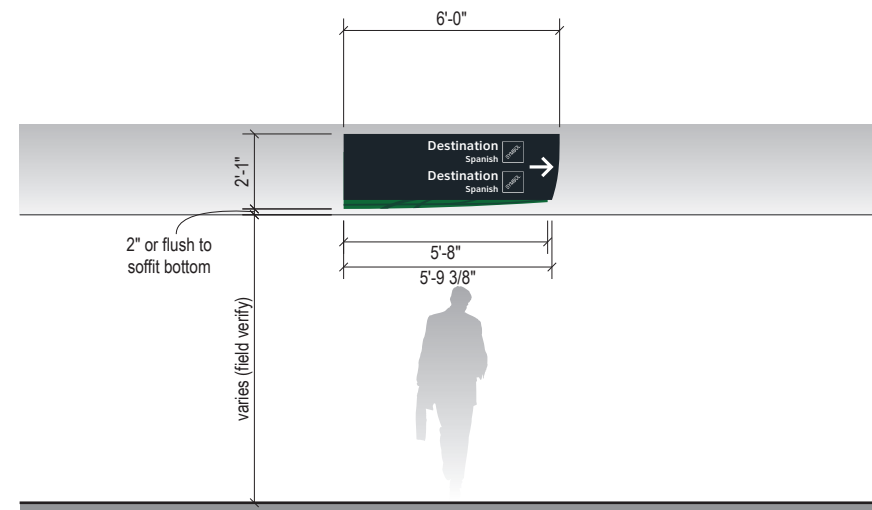
Two Arrow Layout Variant



2 ELEVATION: 1t-DR.23-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.23-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
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Terminal A - Transitional Signage

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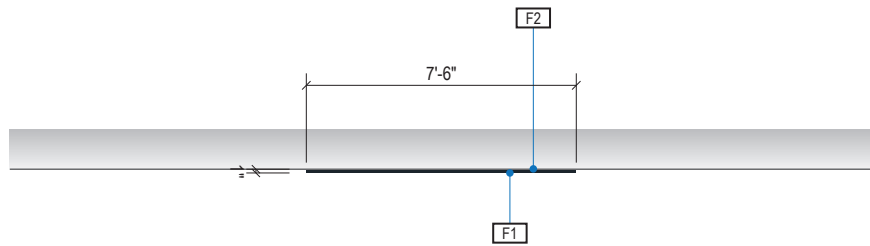
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.23b-S; 1t-DR.23b-r-S	DIRECTIONAL	SOFFIT / WALL	Transitional Medium 1-way Soffit/Wall Mount Directional w/ Spanish

GENERAL NOTES

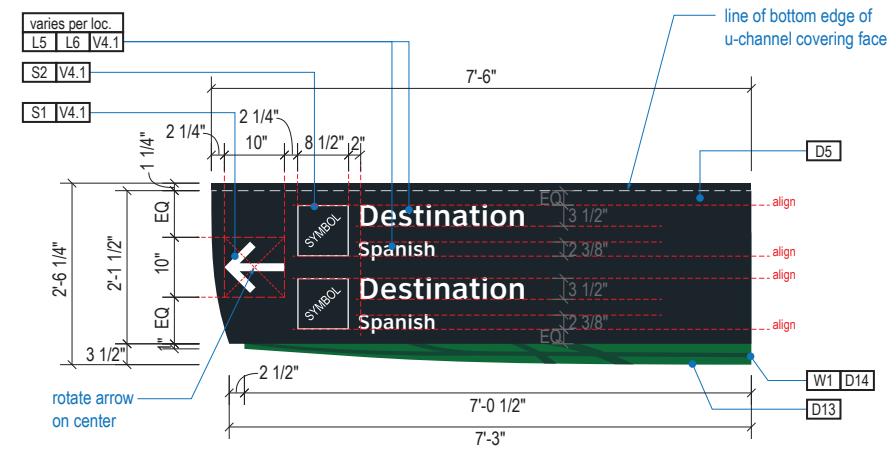
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

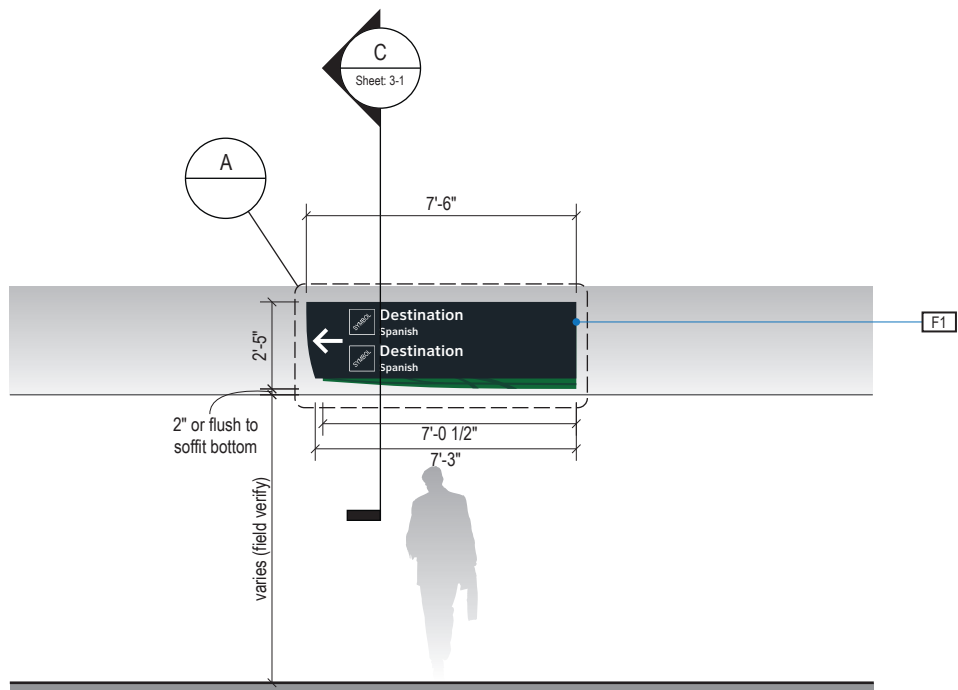
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



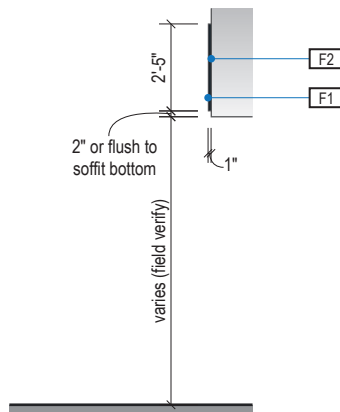
1 PLAN VIEW
Scale: 3/16" = 1'-0"



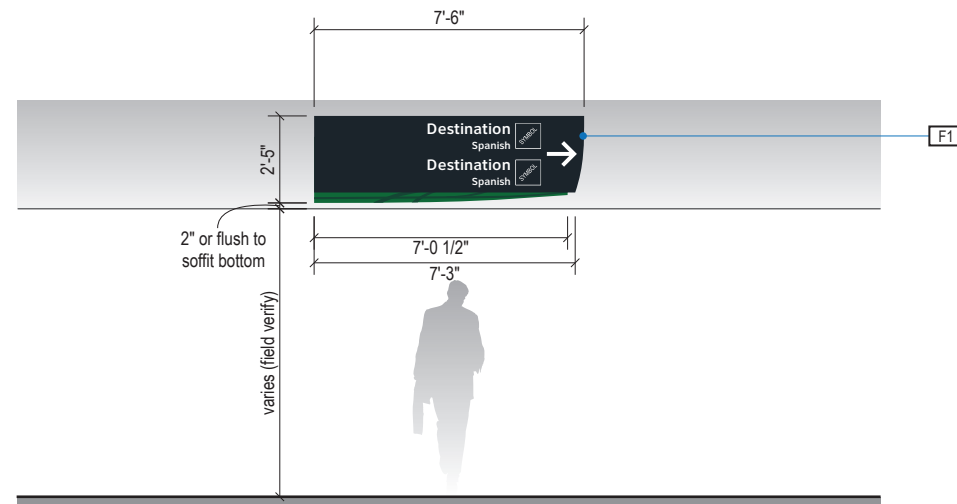
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.23b-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
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Terminal A - Transitional Signage

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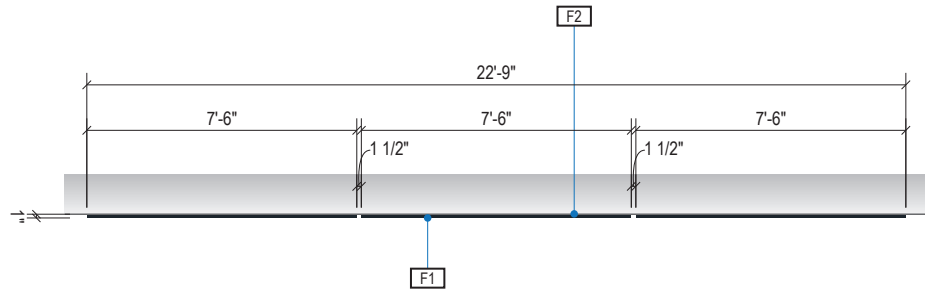
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.24b-S	DIRECTIONAL	SOFFIT / WALL	Transitional Medium 3-way Soffit/Wall Mount Single Line Directional w/ Spanish

GENERAL NOTES

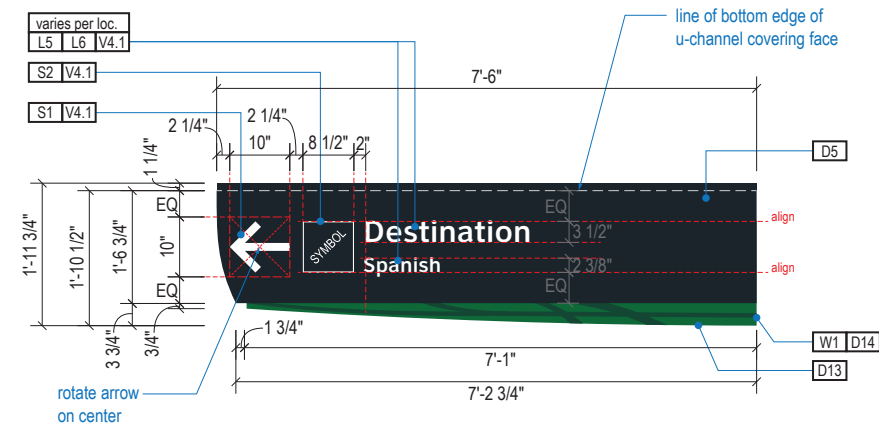
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DESIGN INTENT NOTES

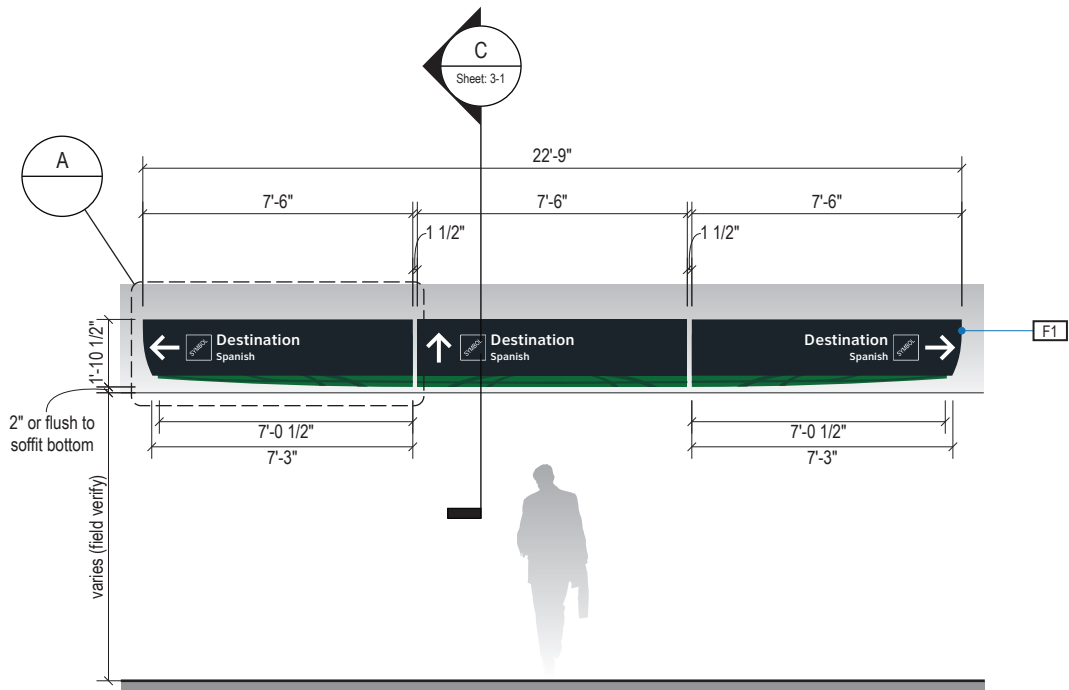
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- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



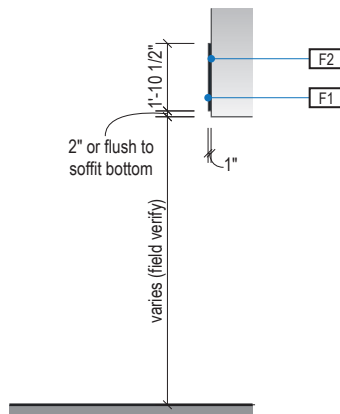
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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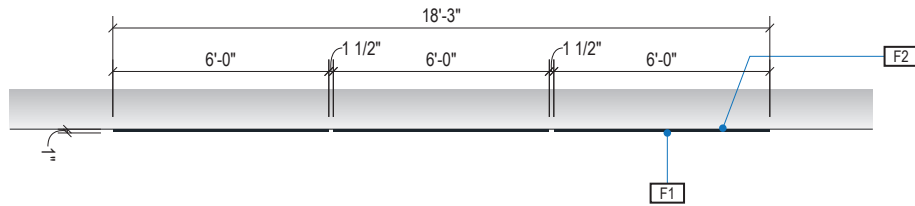
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.24d-S	DIRECTIONAL	WALL/SOFFIT	Transitional Small 2-way Wall/Soffit Mount Single Line Directional w/ Terminal ID Panel & Spanish

GENERAL NOTES

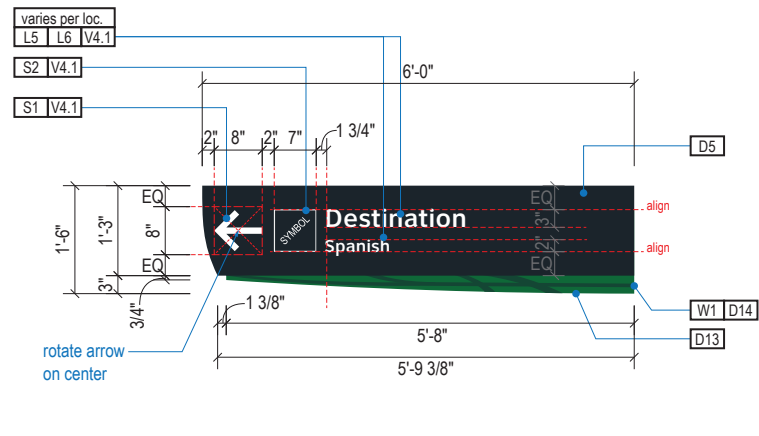
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DESIGN INTENT NOTES

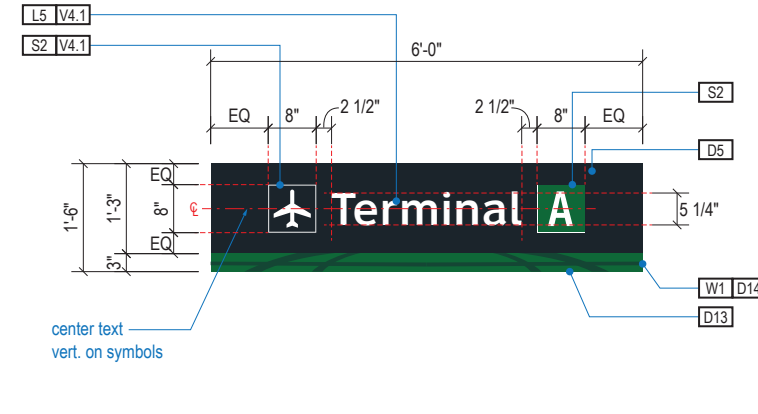
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- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



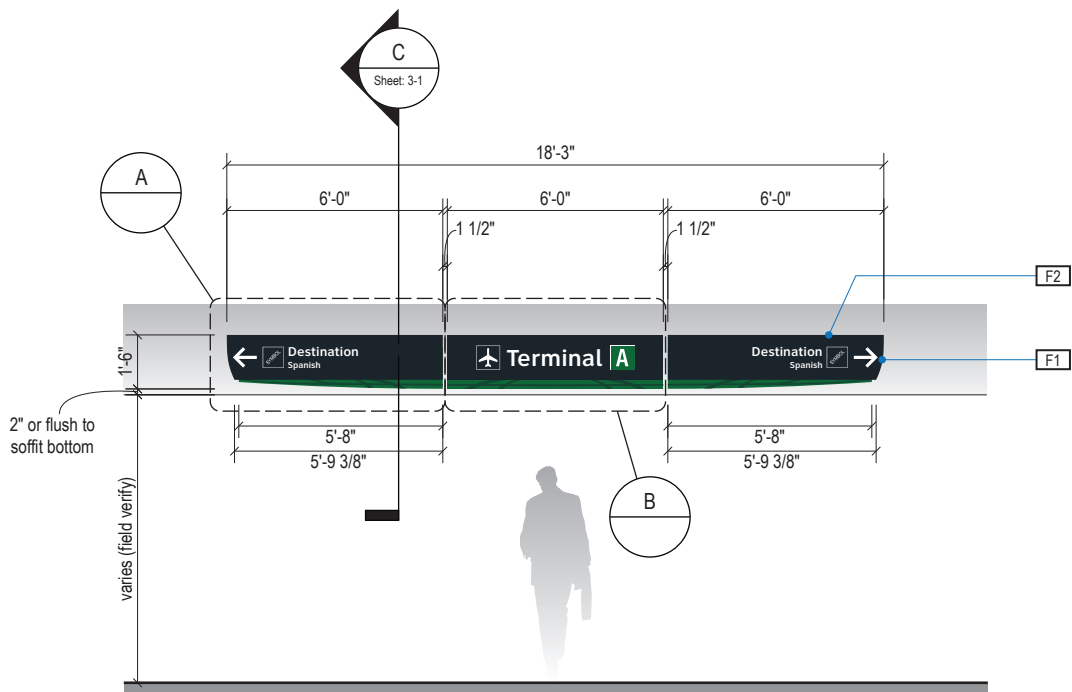
1 PLAN VIEW
Scale: 3/16" = 1'-0"



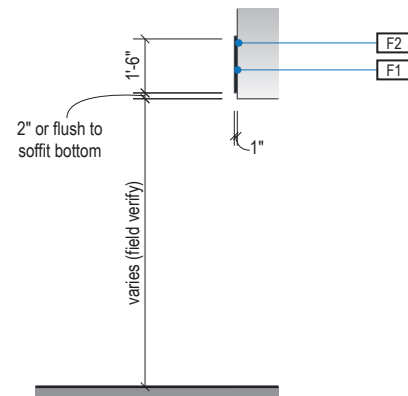
A FACE LAYOUT: Directional Panels
Scale: 3/8" = 1'-0"



B FACE LAYOUT: Terminal ID Panel
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
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 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:
This record contains Sensitive Security Information that is controlled under 49 CFR parts 15 and 1520. No part of this record may be disclosed to persons with a "need to know," as defined in 49 CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C. 552 and 49 CFR parts 15 and 1520.

2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

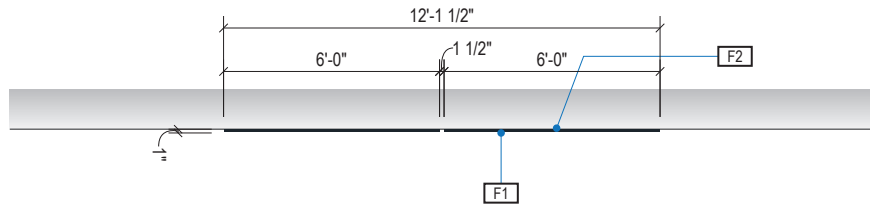
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.25-S	DIRECTIONAL	WALL/SOFFIT	Transitional 2-way Wall/Soffit Mount Single Line Directional w/ Spanish

GENERAL NOTES

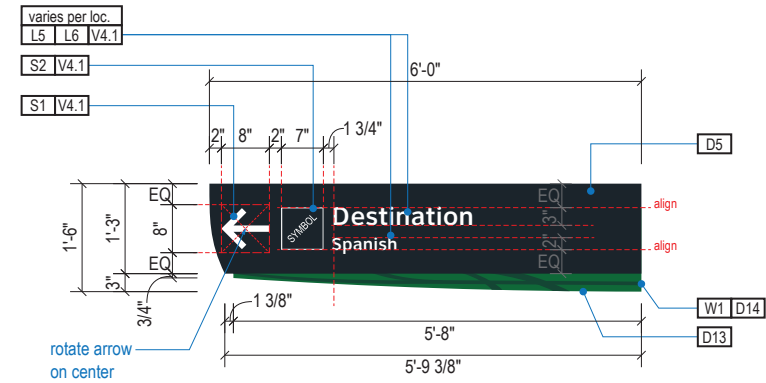
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

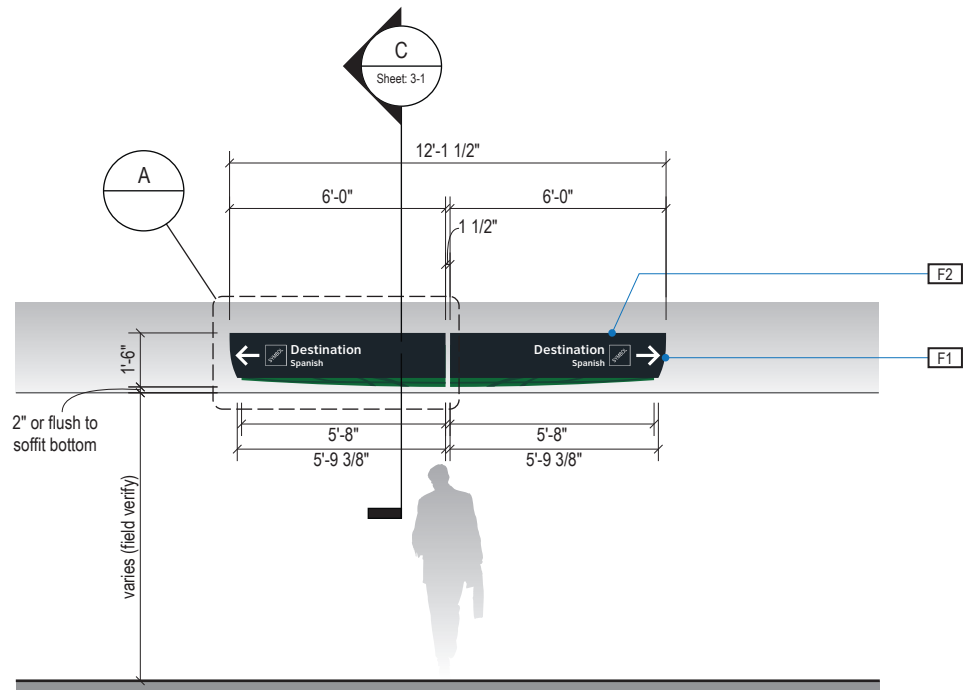
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



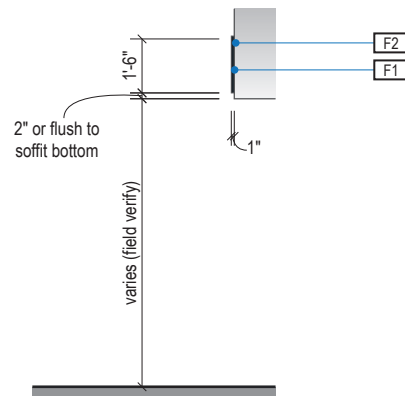
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



Louisville, Colorado
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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

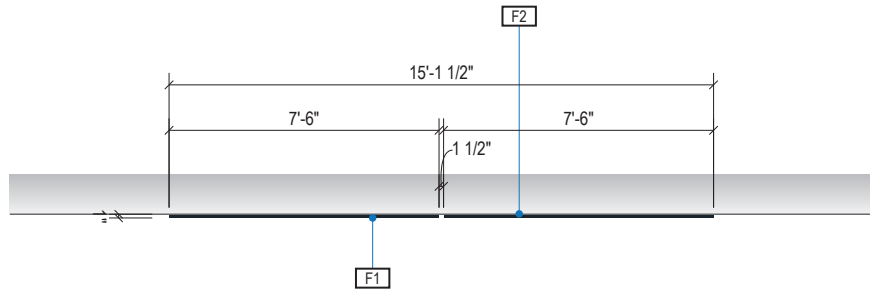
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.25b-S	DIRECTIONAL	SOFFIT / WALL	Transitional Medium 2-way Soffit/Wall Mount Single Line Directional w/ Spanish

GENERAL NOTES

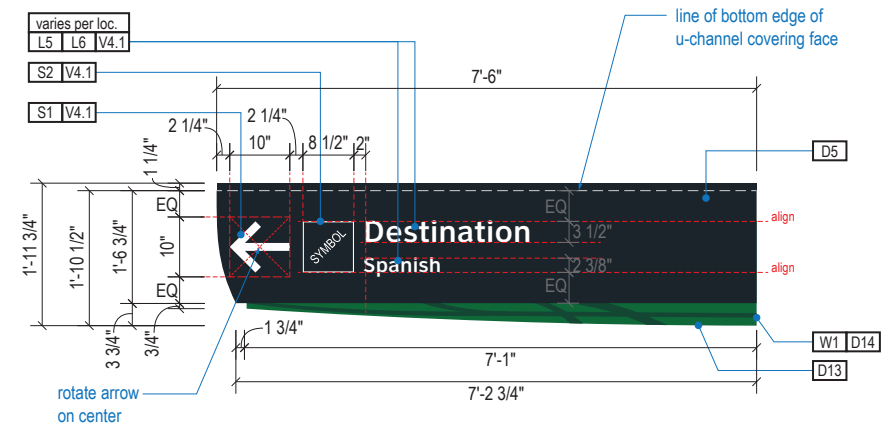
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

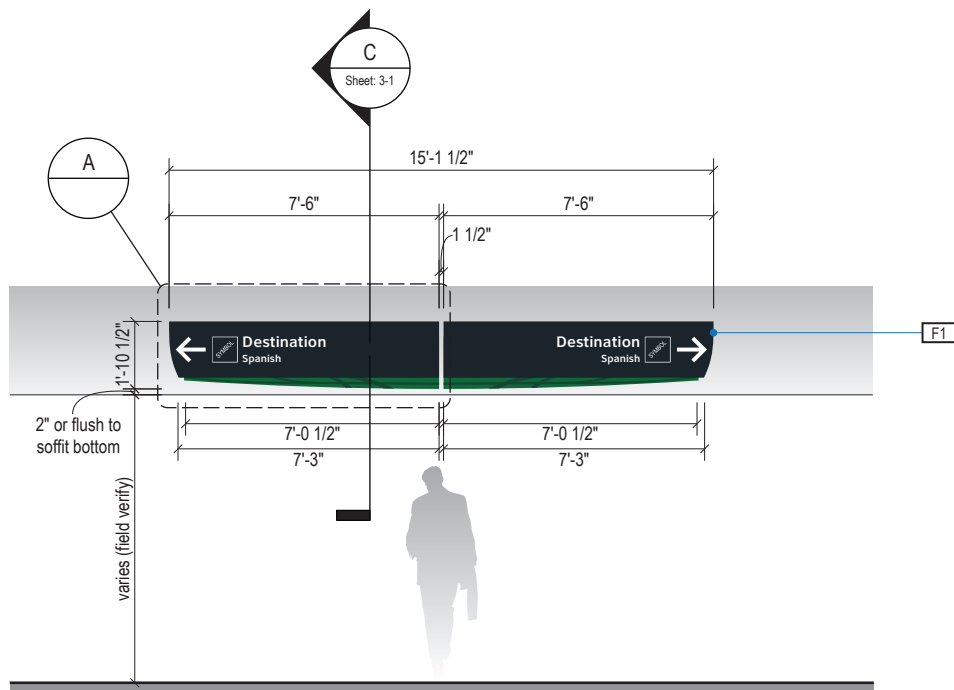
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



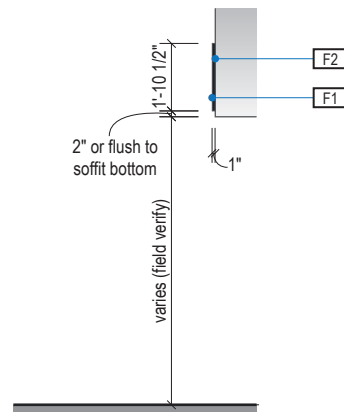
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.25d-S; 1t-DR.25d-r-S	DIRECTIONAL	SOFFIT / WALL	Transitional Soffit /Wall Mount Airline/Gate Directional

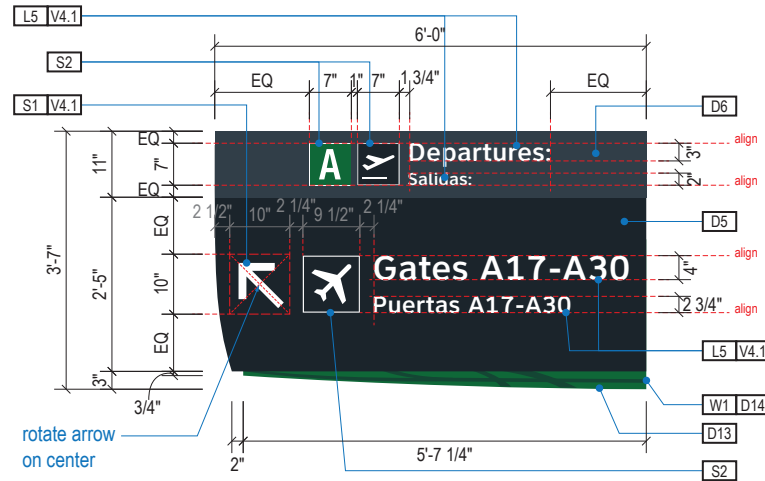
GENERAL NOTES

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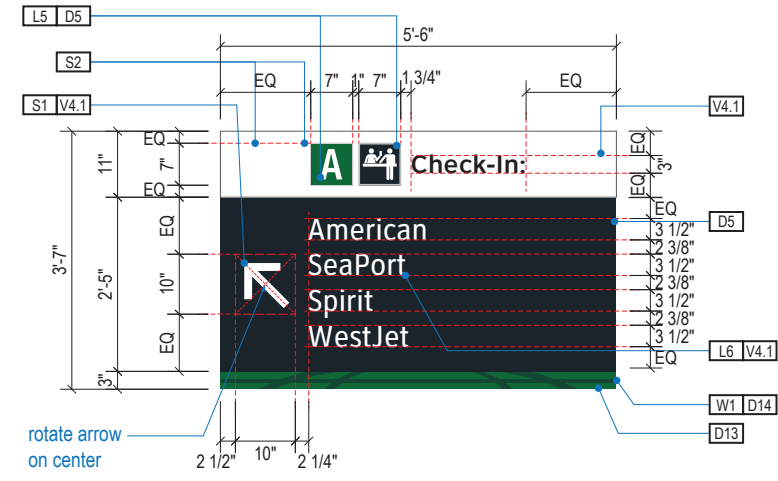
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)

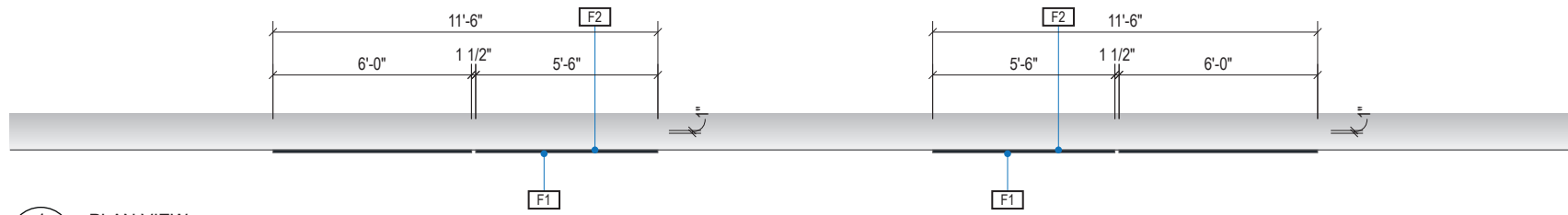
NOTE: REFER TO DETAIL E/3-1 FOR MAGNETIC PANEL DETAIL



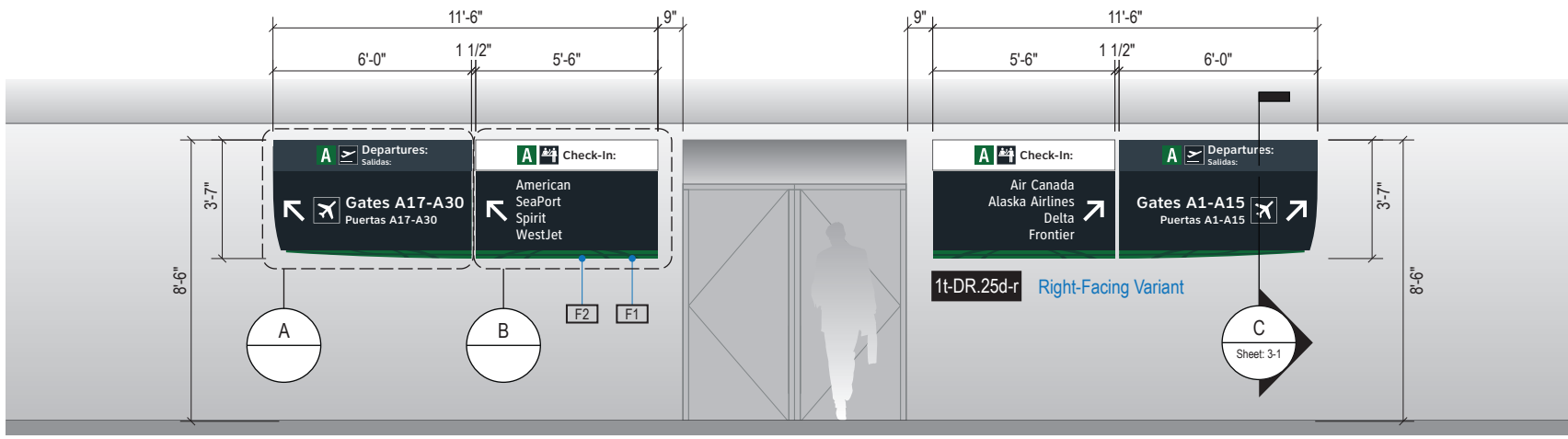
A FACE LAYOUT: Departures ID/Gates Panels
Scale: 3/8" = 1'-0"



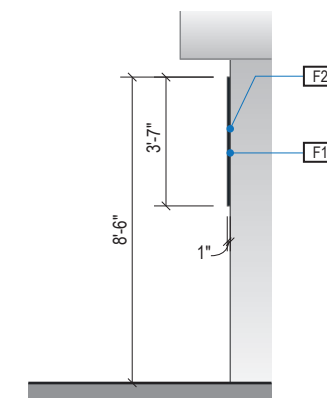
B FACE LAYOUT: Ticketing ID/Airlines Panels
Scale: 3/8" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
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 - L6** Supplemental Typeface: Clearview One Book Condensed
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 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

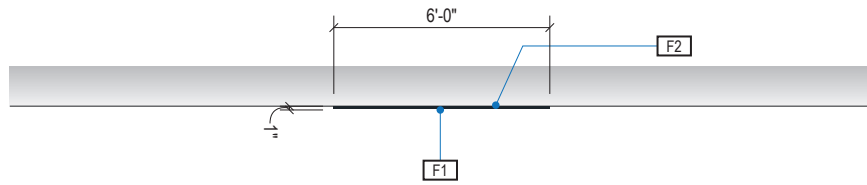
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.26-S; 1t-DR.26-r-S	DIRECTIONAL	WALL/SOFFIT	Transitional 1-way Wall/Soffit Mount Single Line Directional w/ Spanish

GENERAL NOTES

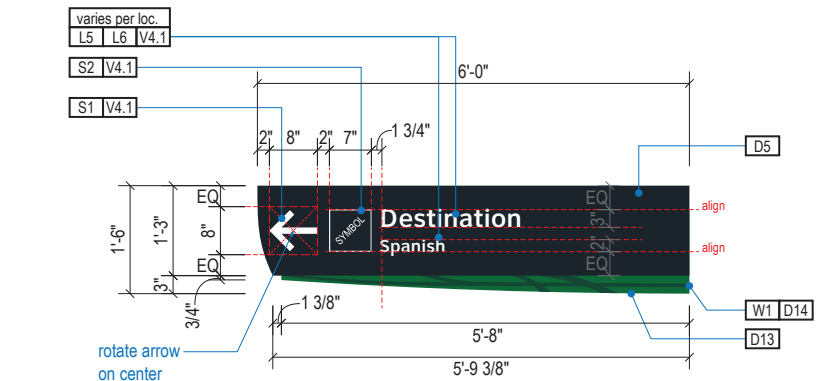
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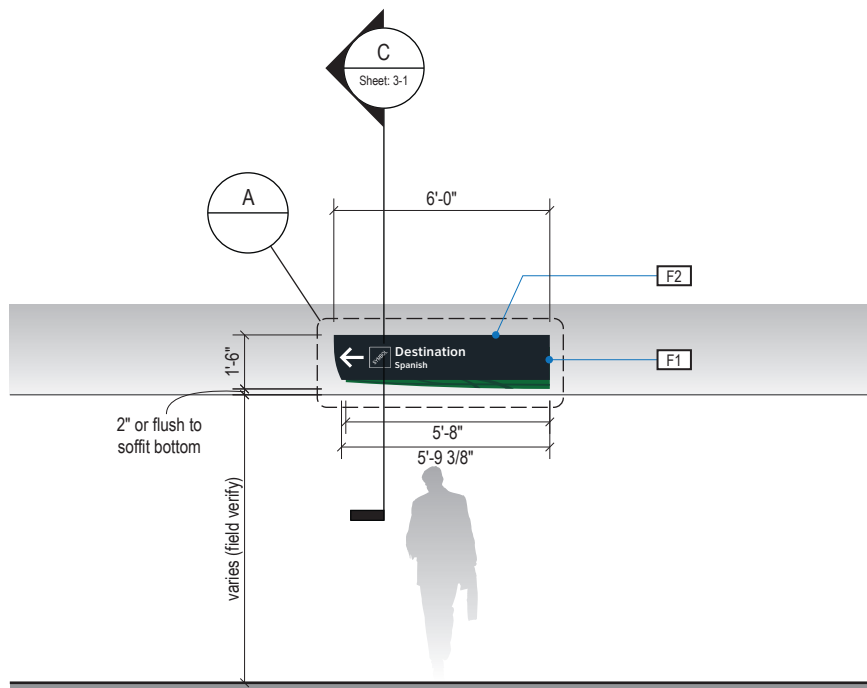
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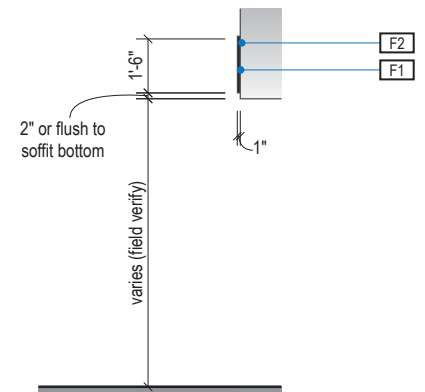
1 PLAN VIEW
Scale: 3/16" = 1'-0"



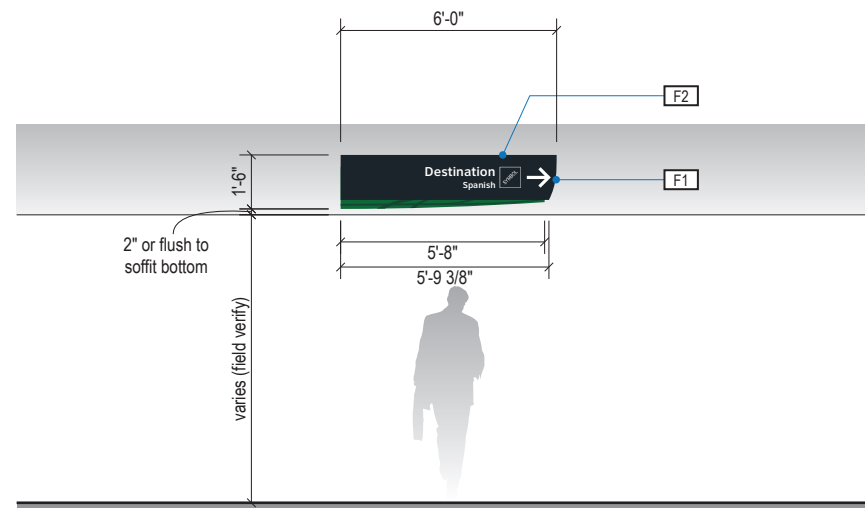
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION: 1t-DR.26-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.26-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
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 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

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 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

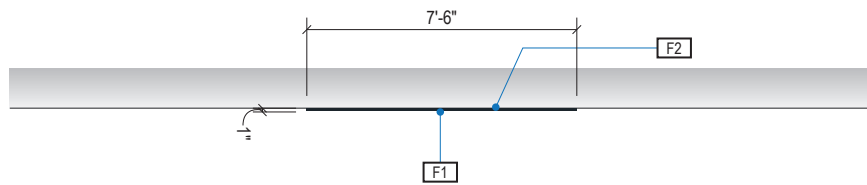
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.26b-S; 1t-DR.26b-r-S	DIRECTIONAL	WALL/SOFFIT	Transitional Medium 1-way Wall/Soffit Mount Single Line Directional w/ Spanish

GENERAL NOTES

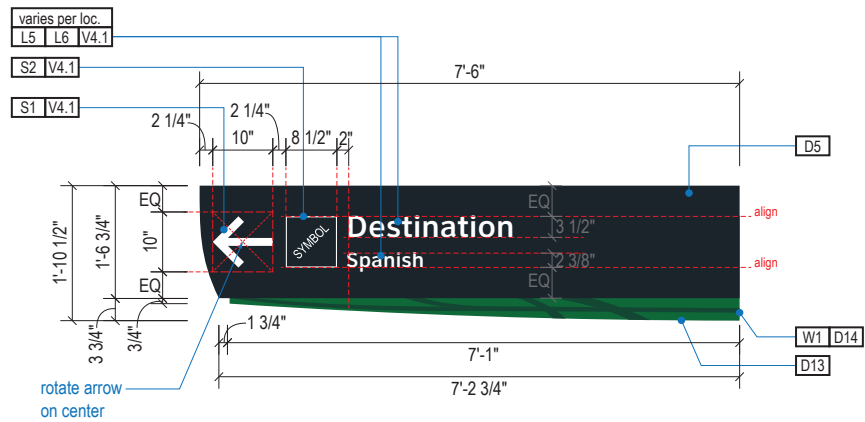
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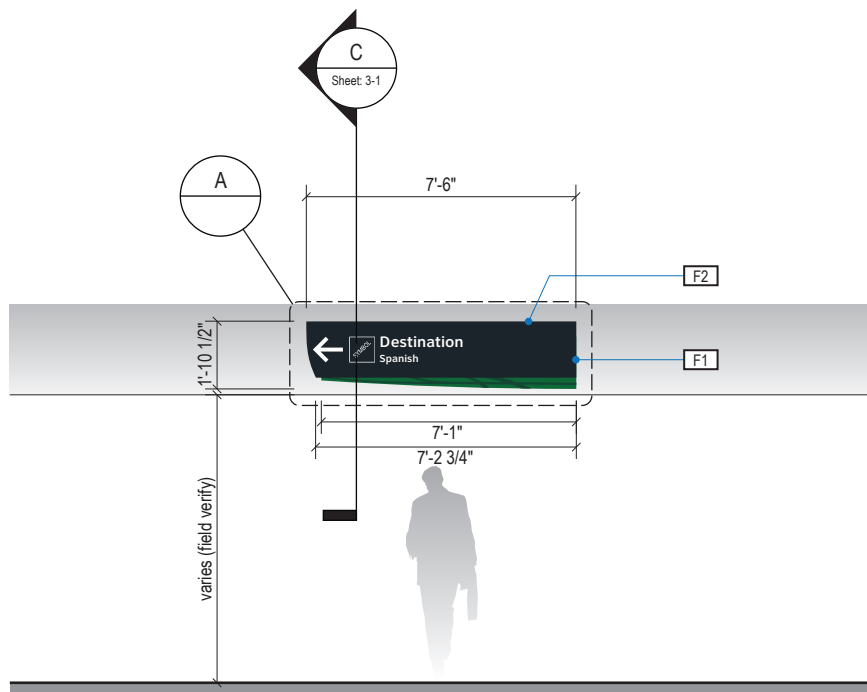
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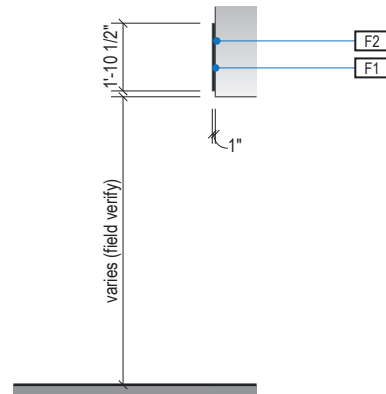
1 PLAN VIEW
Scale: 3/16" = 1'-0"



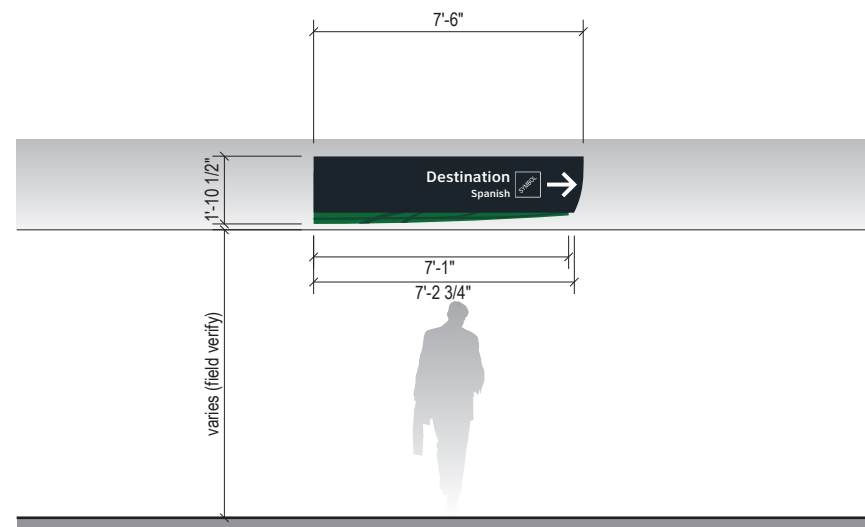
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION: 1t-DR.26b-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.26b-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"

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 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

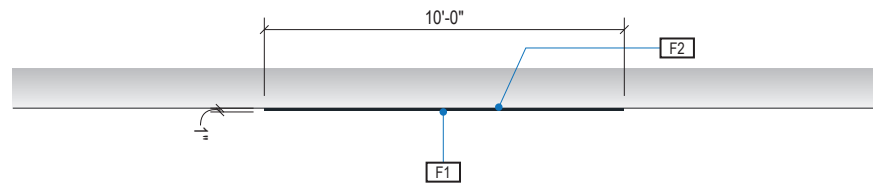
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.28b-S; 1t-DR.28b-r-S	DIRECTIONAL	WALL/SOFFIT	Transitional Medium 1-way Wall/Soffit Mount Directional w/ "EXIT to" ID Panel & Spanish

GENERAL NOTES

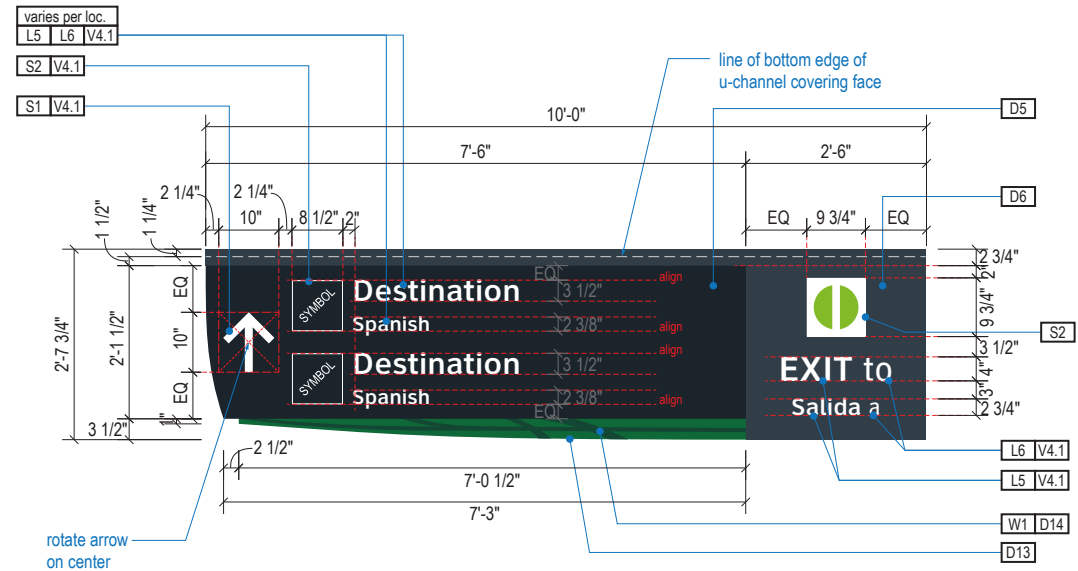
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DESIGN INTENT NOTES

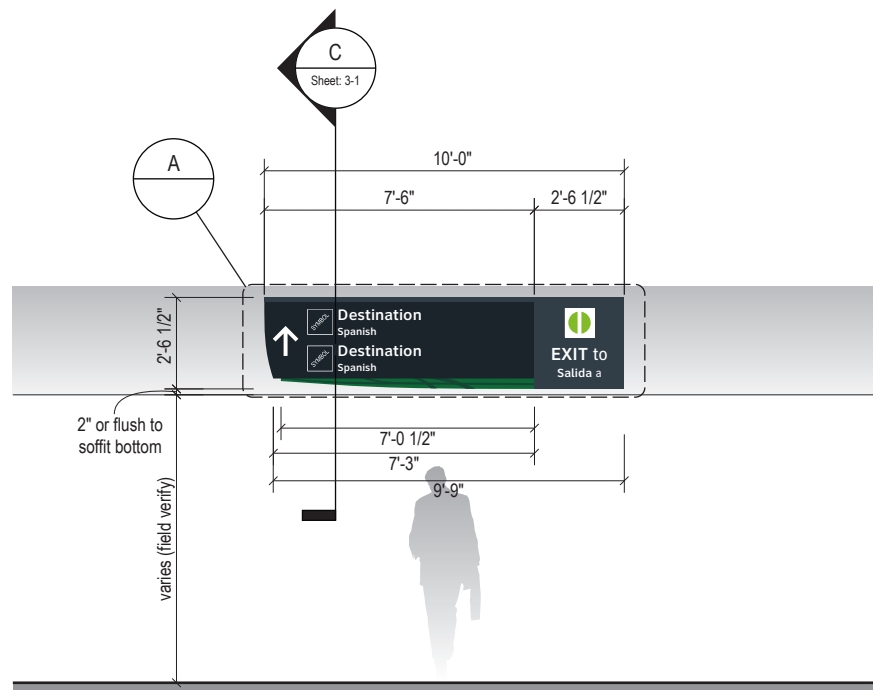
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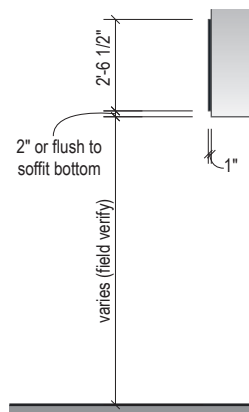
1 PLAN VIEW
Scale: 3/16" = 1'-0"



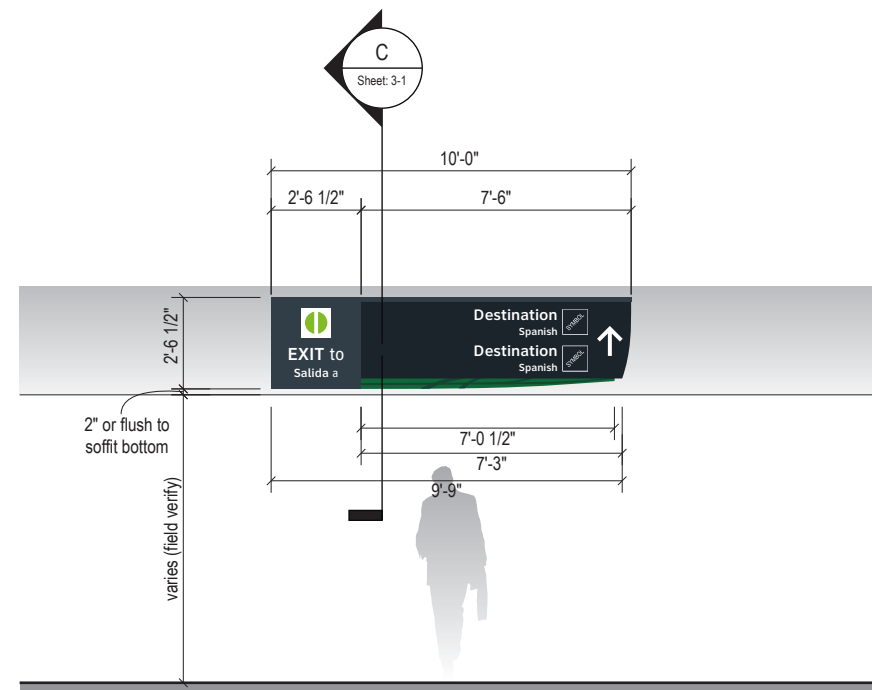
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION: 1t-DR.26b-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 1t-DR.26b-r-S - Right-facing Variant
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



Louisville, Colorado
P: 303.494.7849
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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:
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2.1 DESIGN INTENT - TERMINAL A TRANSITIONAL: DIRECTIONALS

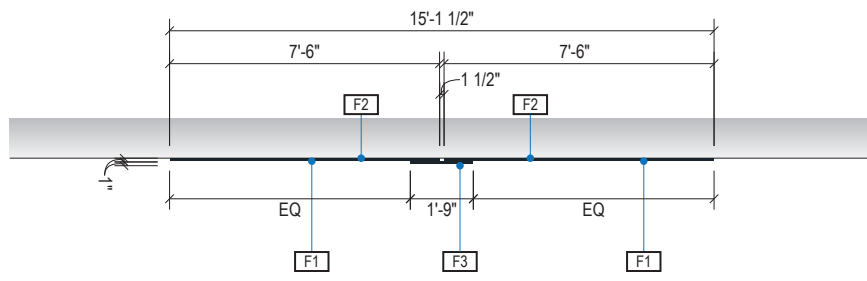
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-DR.29-S	DIRECTIONAL	WALL/SOFFIT	Transitional Wall/Soffit Mount G.T. Door Directional/ID w/ Spanish

GENERAL NOTES

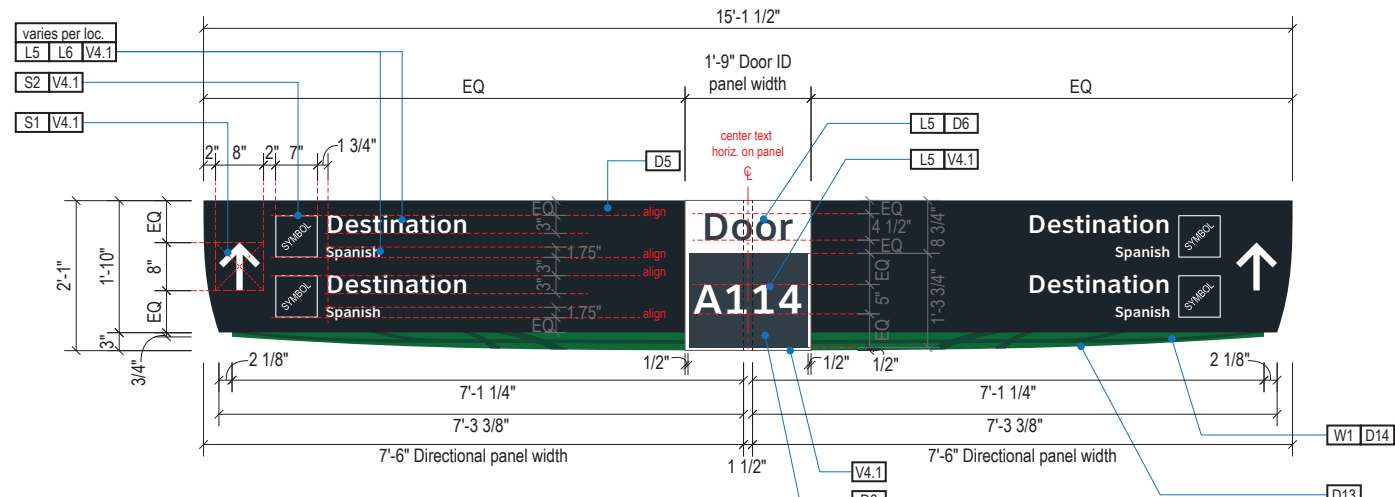
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
- Wherever dissimilar metals are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic corrosion.
- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

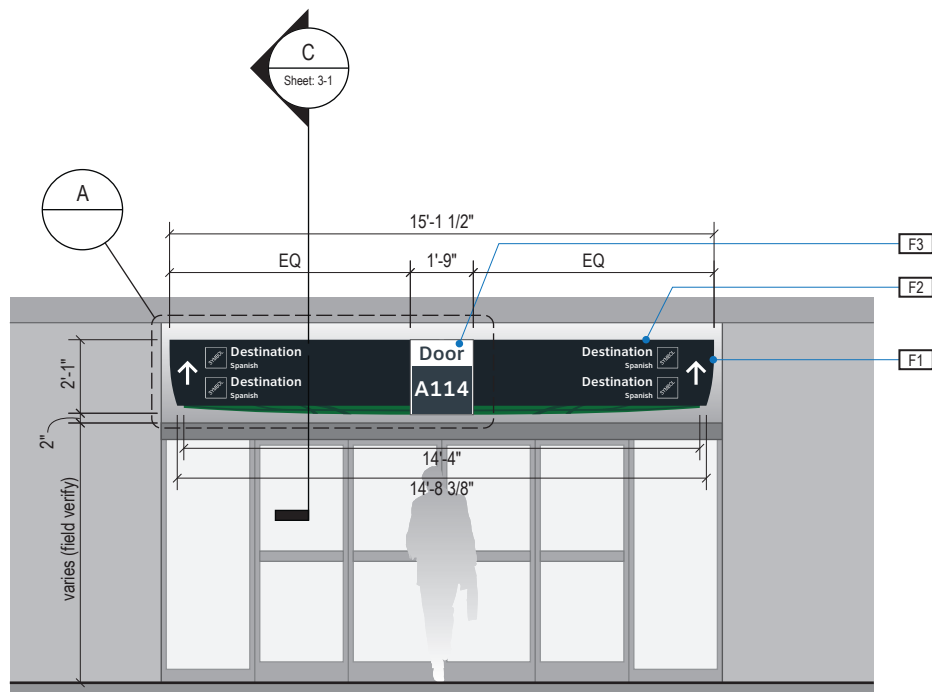
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)
- F3** DOOR ID PANEL: custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to front face; fasten 2nd surface of Door ID Panel to main sign panels with permanent adhesive per foamboard manufacturer requirements



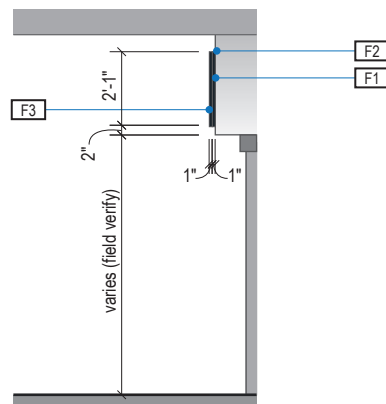
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

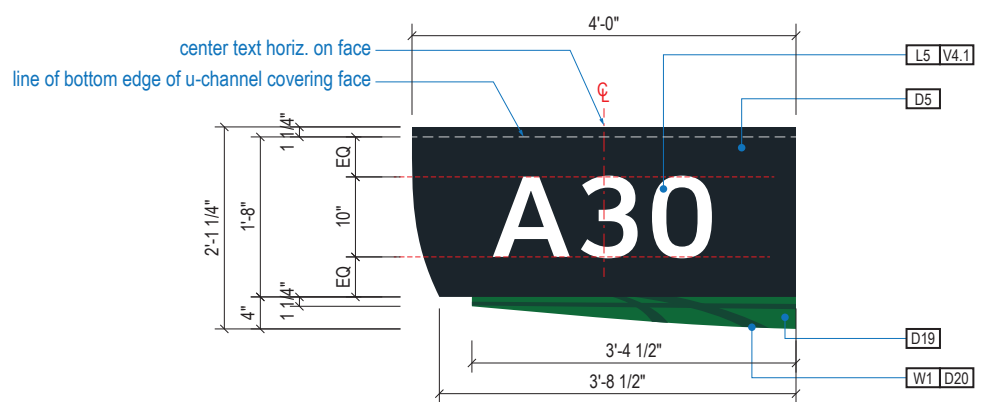
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.02	IDENTIFICATION	CEILING FLUSH	Transitional Ceiling Flush Mount Gate ID; 2 sides

GENERAL NOTES

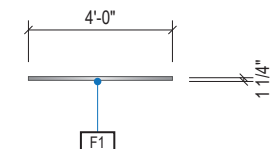
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

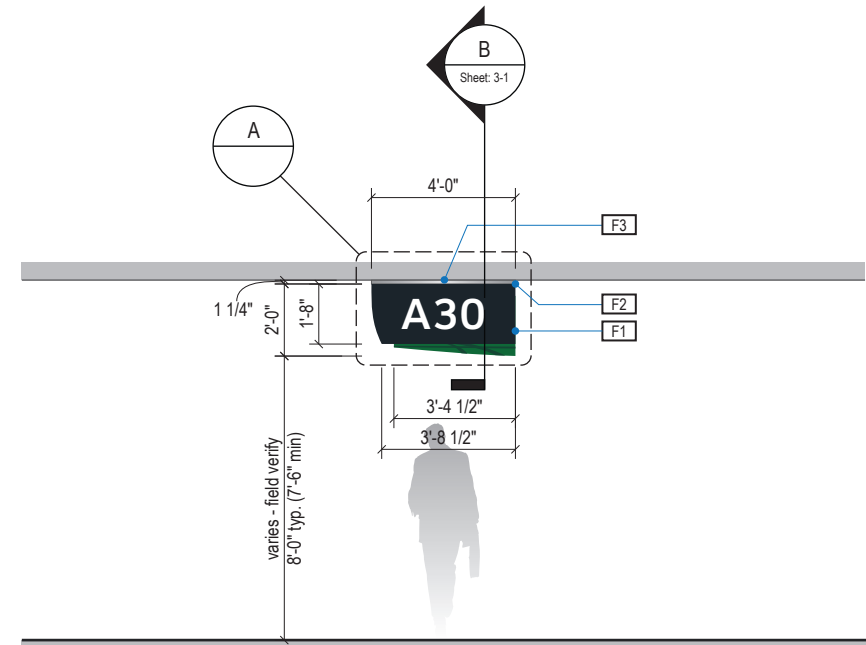
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin, sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin, ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



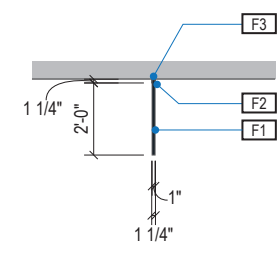
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



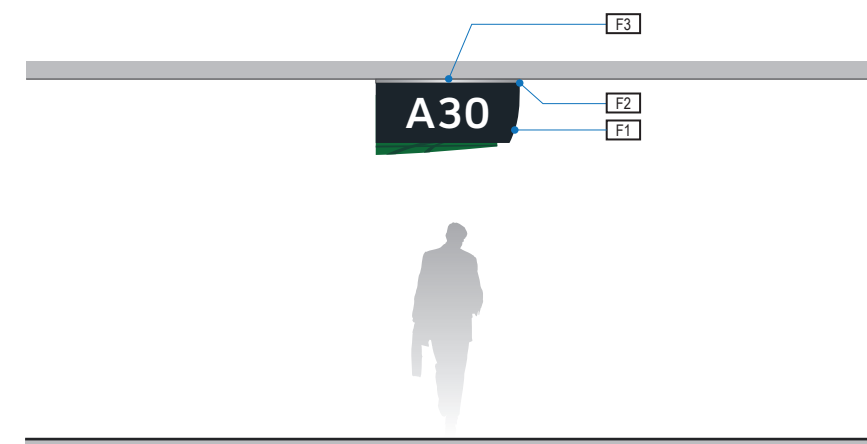
1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

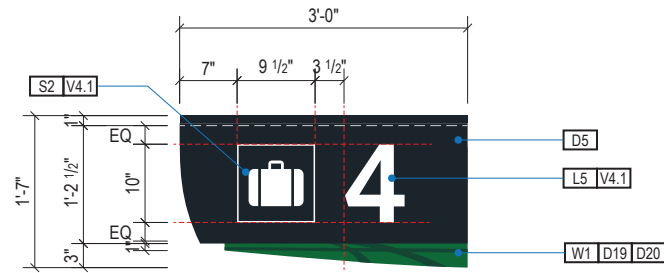
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.05	IDENTIFICATION	CEILING FLUSH	Transitional Ceiling Flush Mount Baggage Claim Carousel ID; 2 sides

GENERAL NOTES

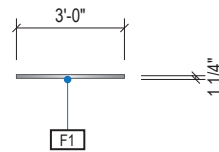
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

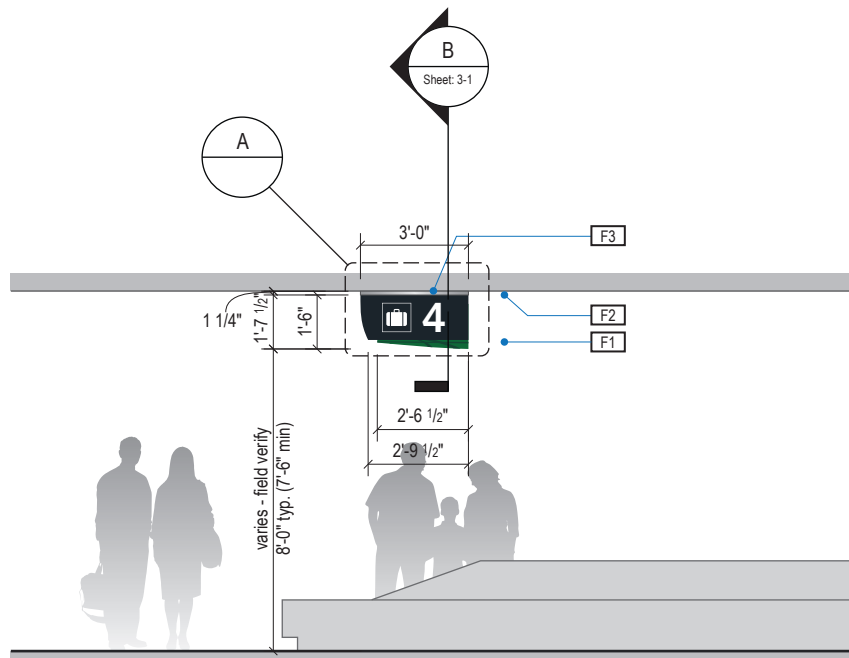
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** TOP SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin, sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener hardware and hidden (above fin, ceiling line) mech. fastener system to building's structural elements as install location cond. req. (field verify)



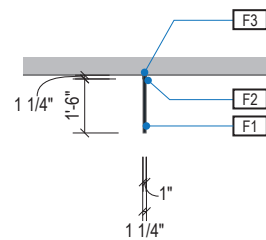
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



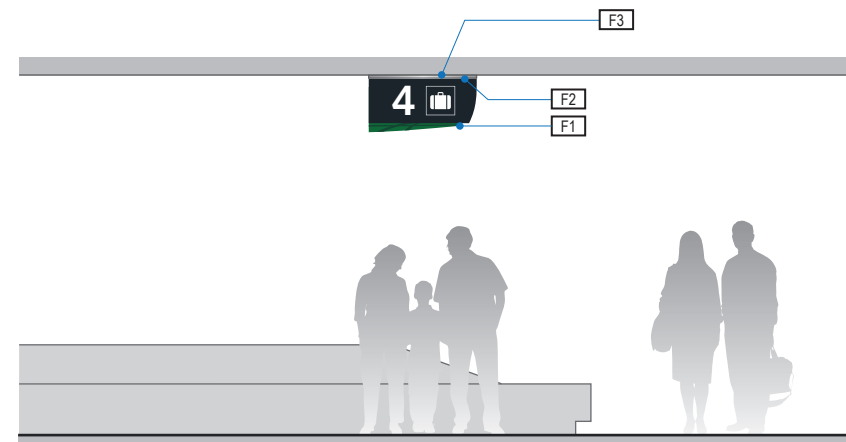
1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

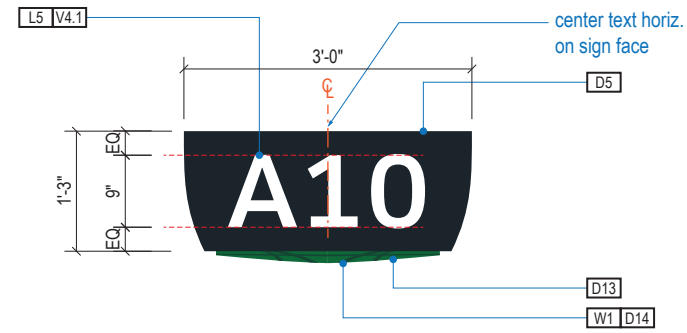
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.21	IDENTIFICATION	SOFFIT / WALL	Transitional Soffit/Wall Mount Gate Door ID w/ 1 Number; 1 side

GENERAL NOTES

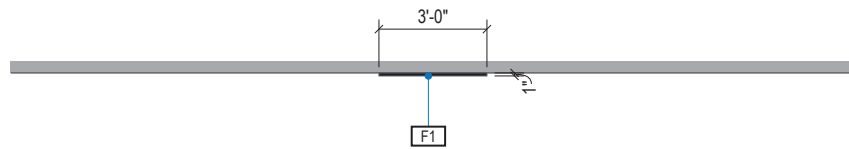
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

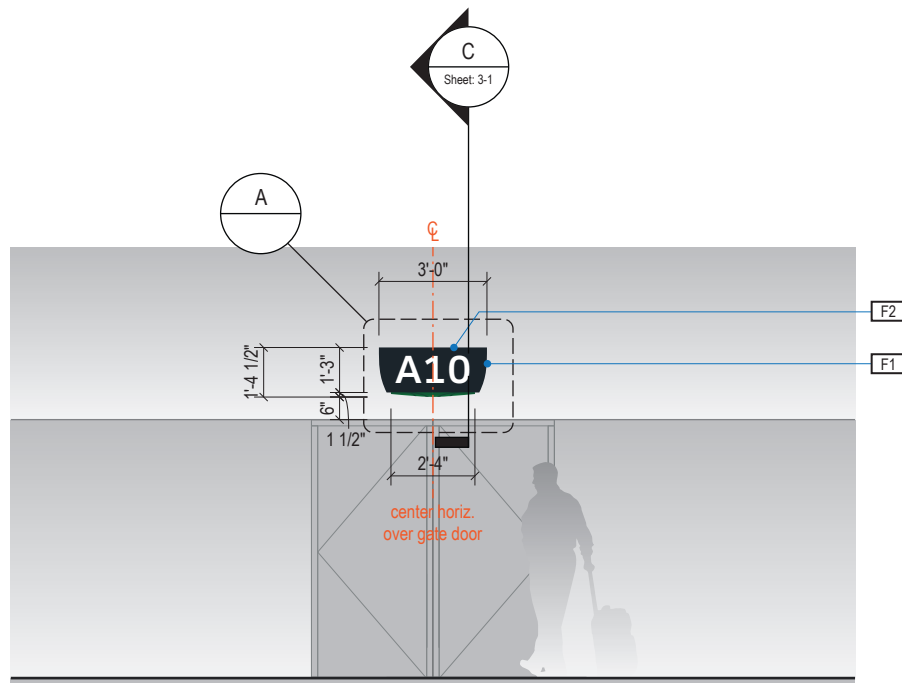
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



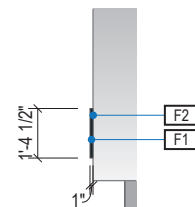
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

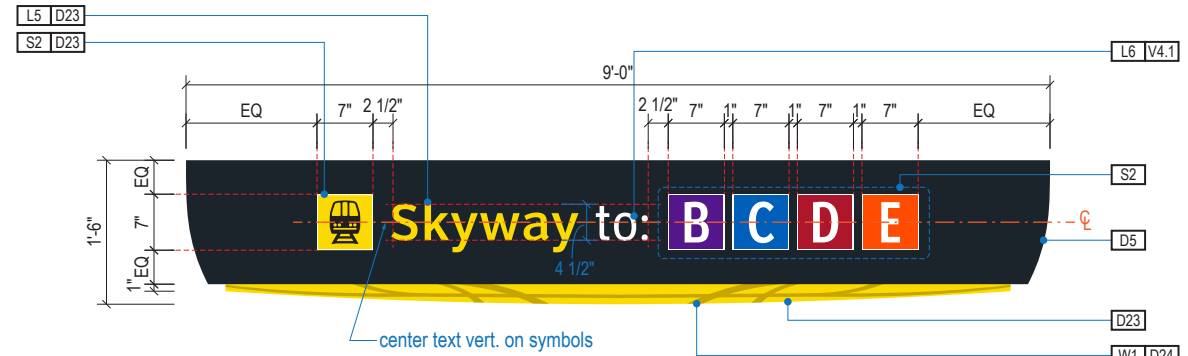
ILLUMINATION NON-ILLUMINATED	SIGN TYPE 1t-ID.24b	SIGN FUNCTION IDENTIFICATION	MOUNTING METHOD SOFFIT / WALL	GENERAL DESCRIPTION & USE Transitional Soffit/Wall Mount Skyway Train Entry ID; 1 side
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GENERAL NOTES

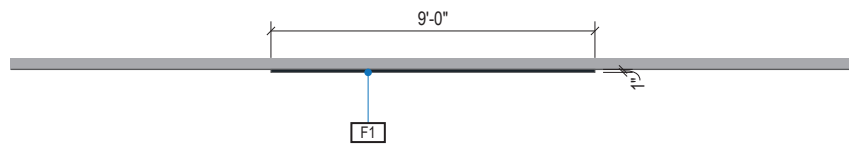
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

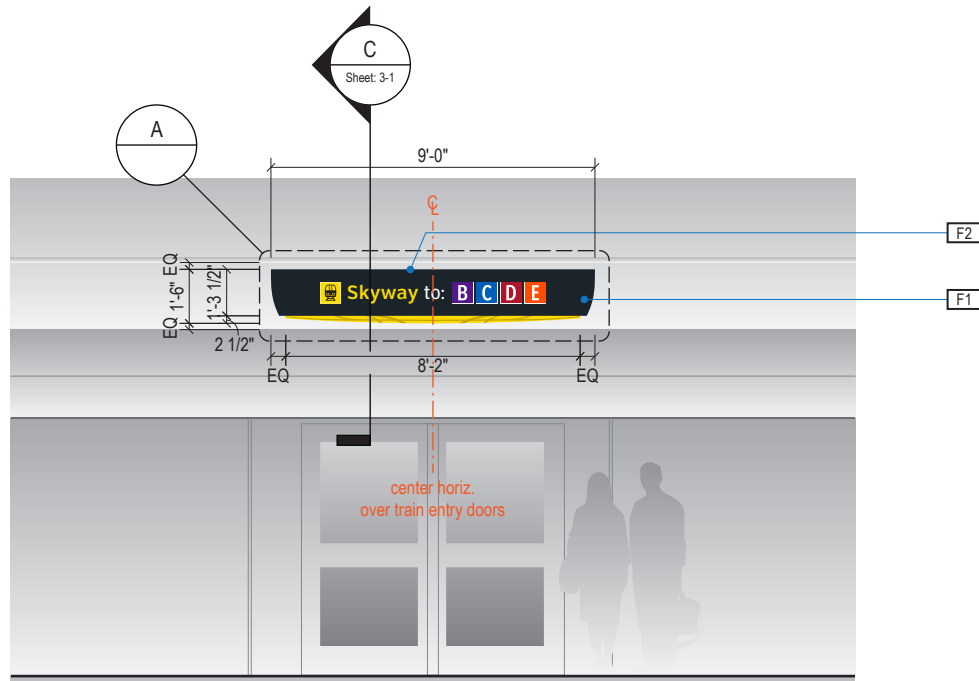
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



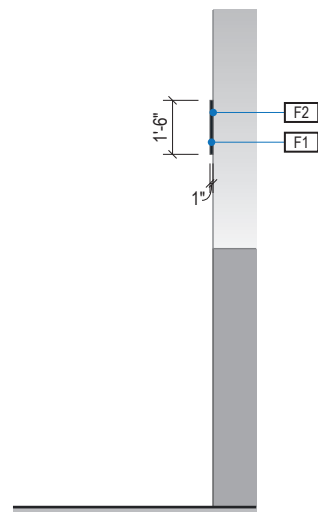
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C

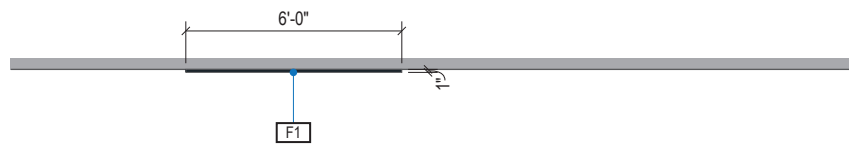
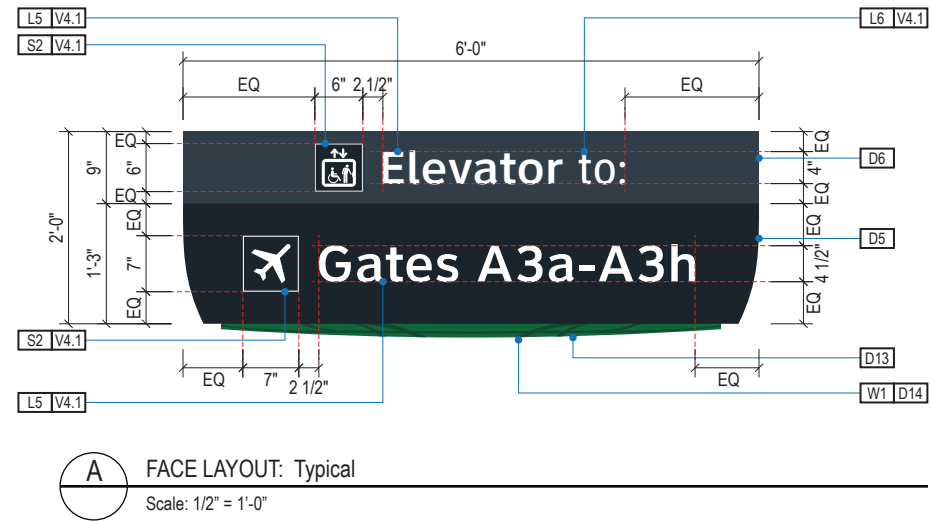
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.25b	IDENTIFICATION	SOFFIT / WALL	Transitional Soffit/Wall Mount Elevator ID; 1 side

GENERAL NOTES

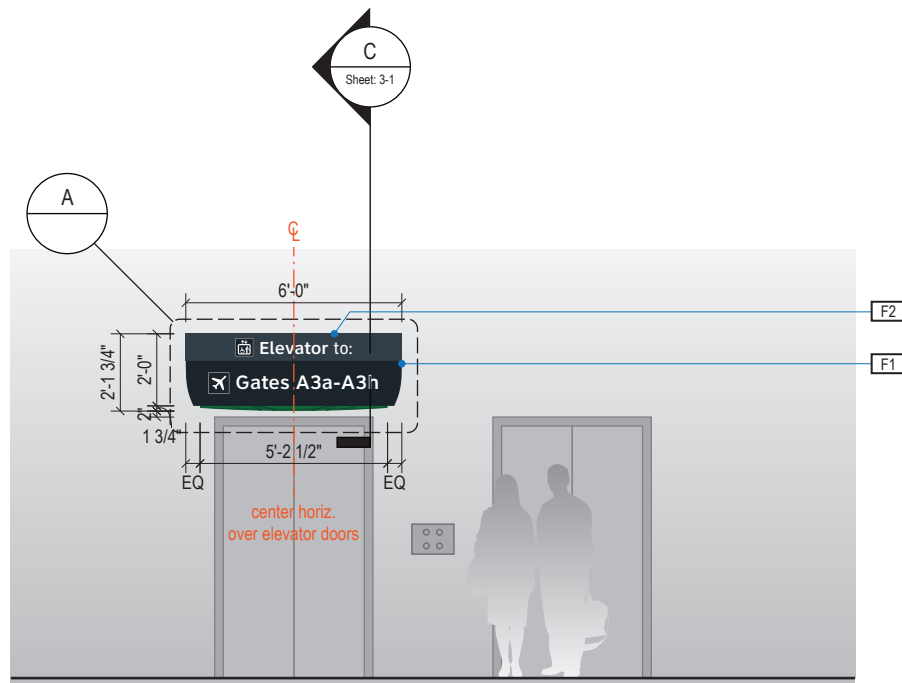
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- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

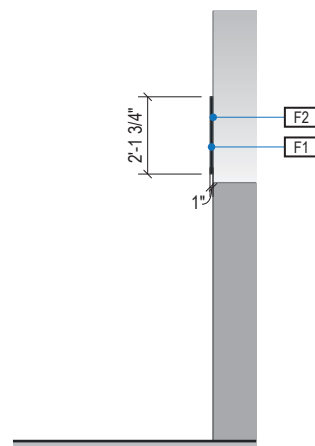
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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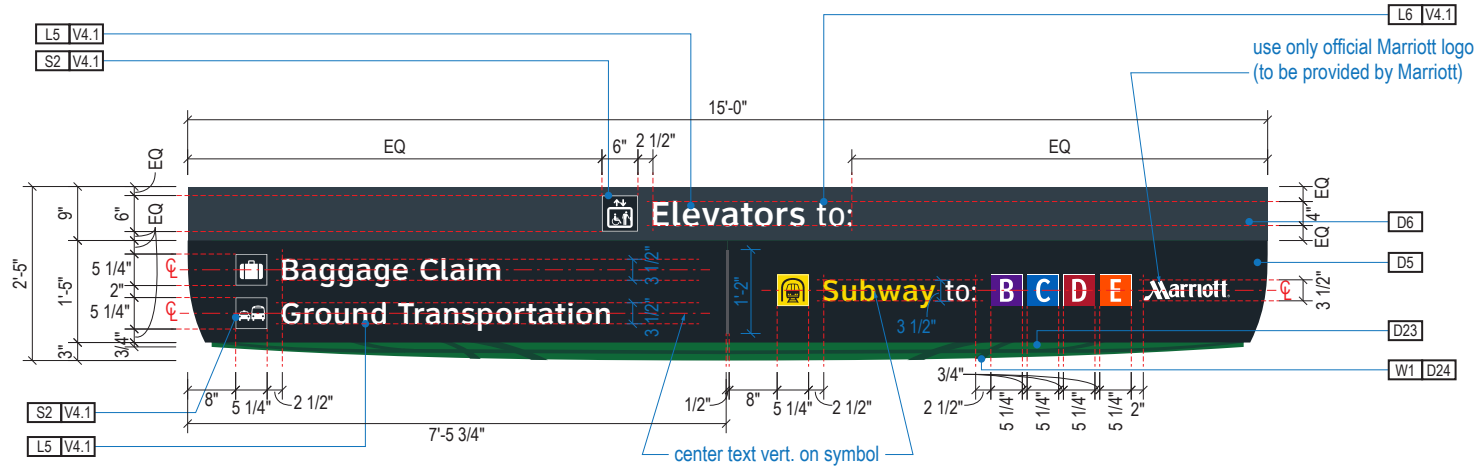
INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

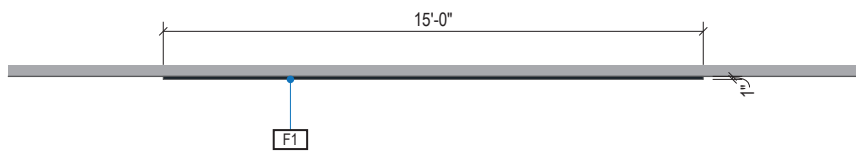
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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

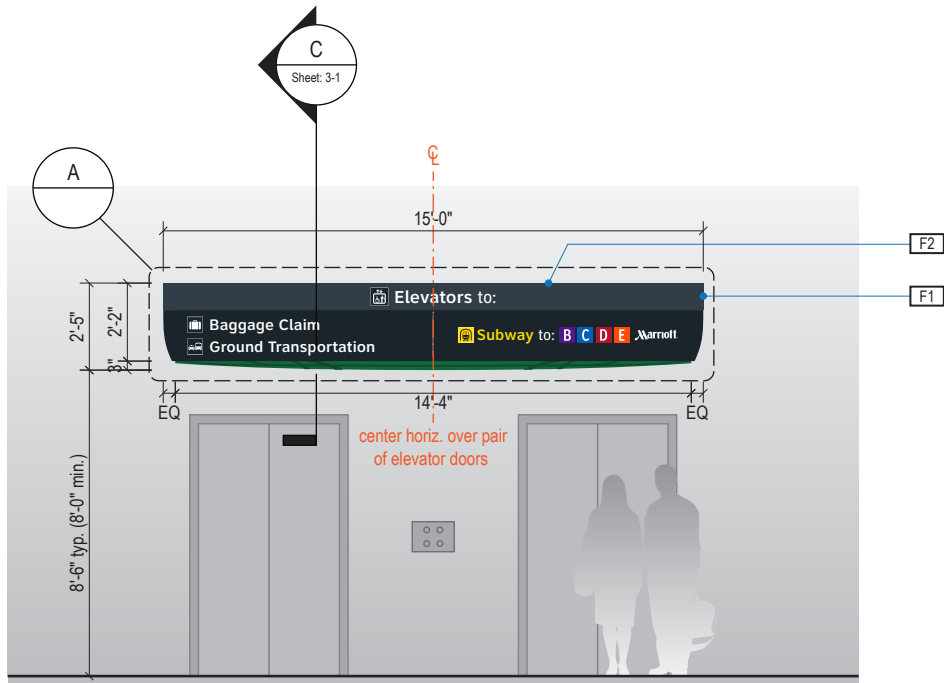
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.26b	IDENTIFICATION	SOFFIT / WALL	Transitional Large Soffit/Wall Mount Tunnel Level Elevator ID w/ 3.5" Text; 1 side



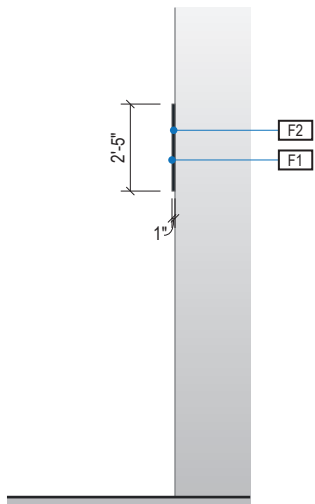
A FACE LAYOUT: Typical
Scale: 3/8" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

GENERAL NOTES

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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
- L6** Supplemental Typeface: Clearview One Book Condensed
- S1** Arrow(s): use only official HAS wayfinding arrows
- S2** Universal Symbols: use only official HAS wayfinding symbols
- W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:

- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
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 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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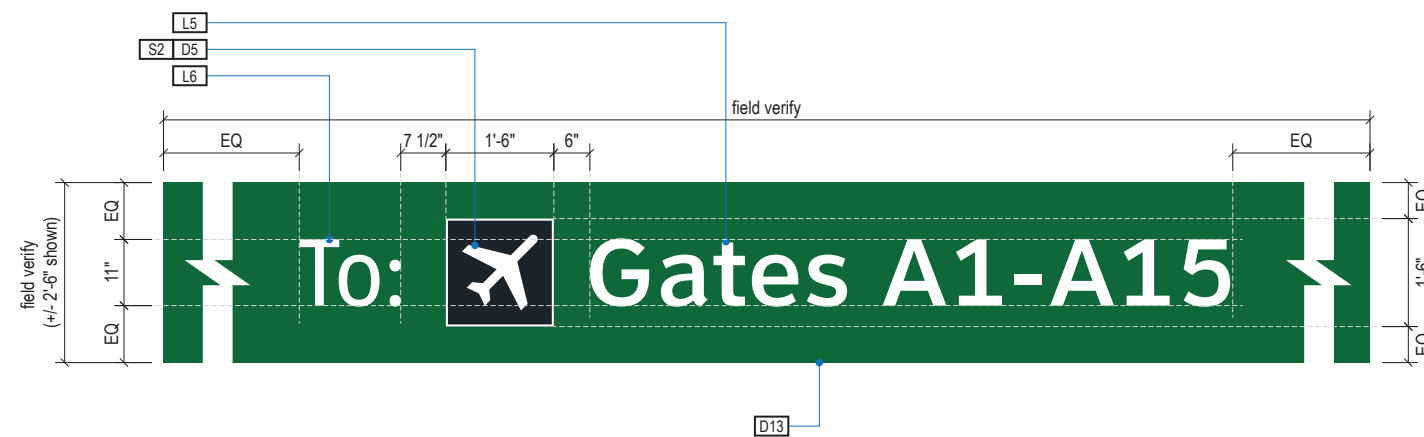
INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

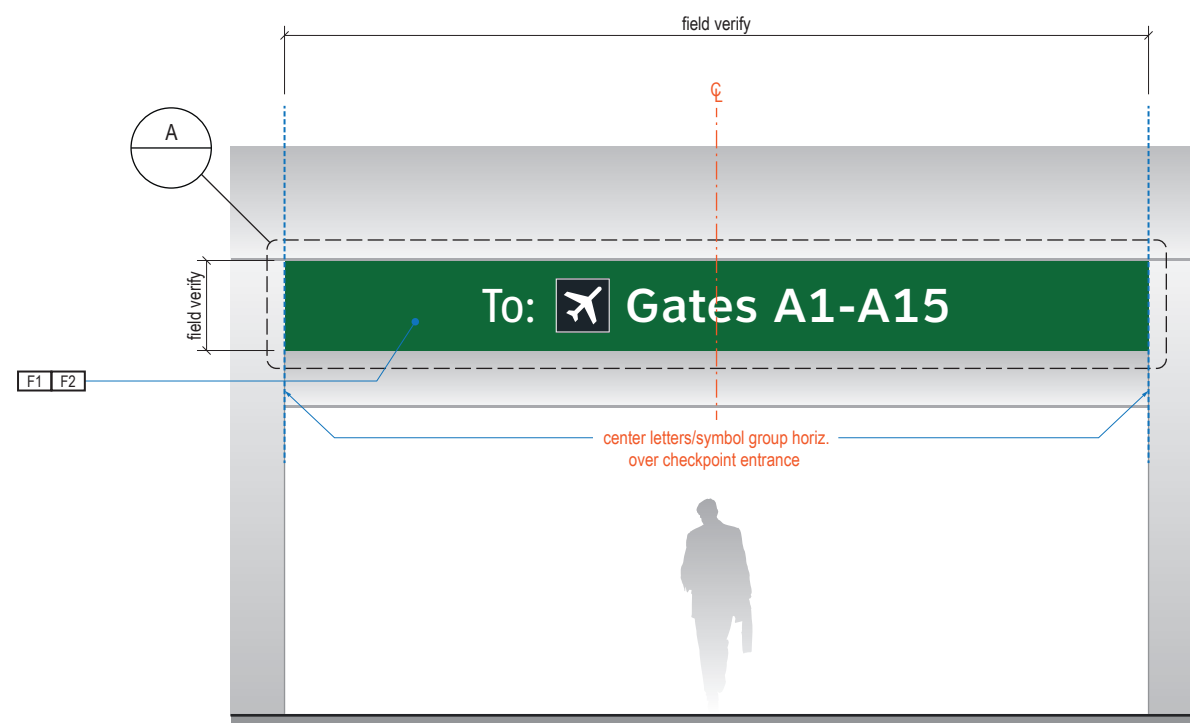
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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.27b	IDENTIFICATION	SOFFIT / WALL	Transitional Security Checkpoint Entrance ID; 1 side



A FACE LAYOUT: Typical
Scale: 3/8" = 1'-0"



1 ELEVATION
Scale: 3/16" = 1'-0"

GENERAL NOTES

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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** HEADER GRAPHICS: to be full-bleed digital print on white vinyl film, cut to fit soffit/header area as shown (field verify); Fabricator to make recommendation on direct applied vinyl film product on soffit/wall/header area as shown per location condition requirements (field verify)
- F2** MOUNTING: apply plumb & level to soffit/wall as install location cond. req. (field verify)

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
- L6** Supplemental Typeface: Clearview One Book Condensed
- S1** Arrow(s): use only official HAS wayfinding arrows
- S2** Universal Symbols: use only official HAS wayfinding symbols
- W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:

- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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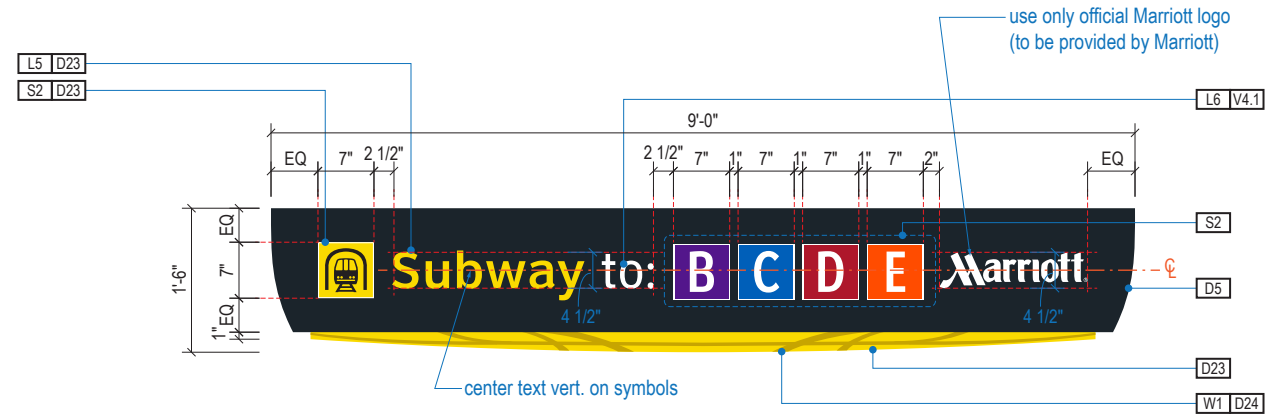
ILLUMINATION NON-ILLUMINATED	SIGN TYPE 1t-ID.28d	SIGN FUNCTION IDENTIFICATION	MOUNTING METHOD SOFFIT / WALL	GENERAL DESCRIPTION & USE Transitional Soffit/Wall Mount Subway Train Entry ID; 1 side
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GENERAL NOTES

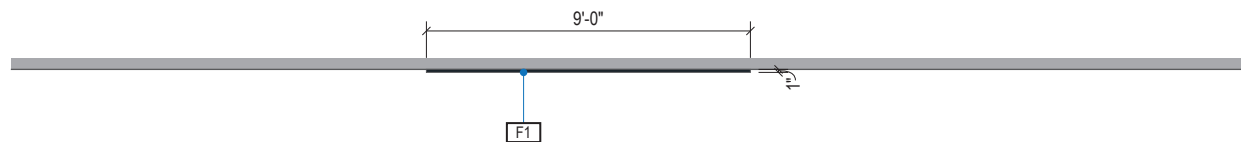
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DESIGN INTENT NOTES

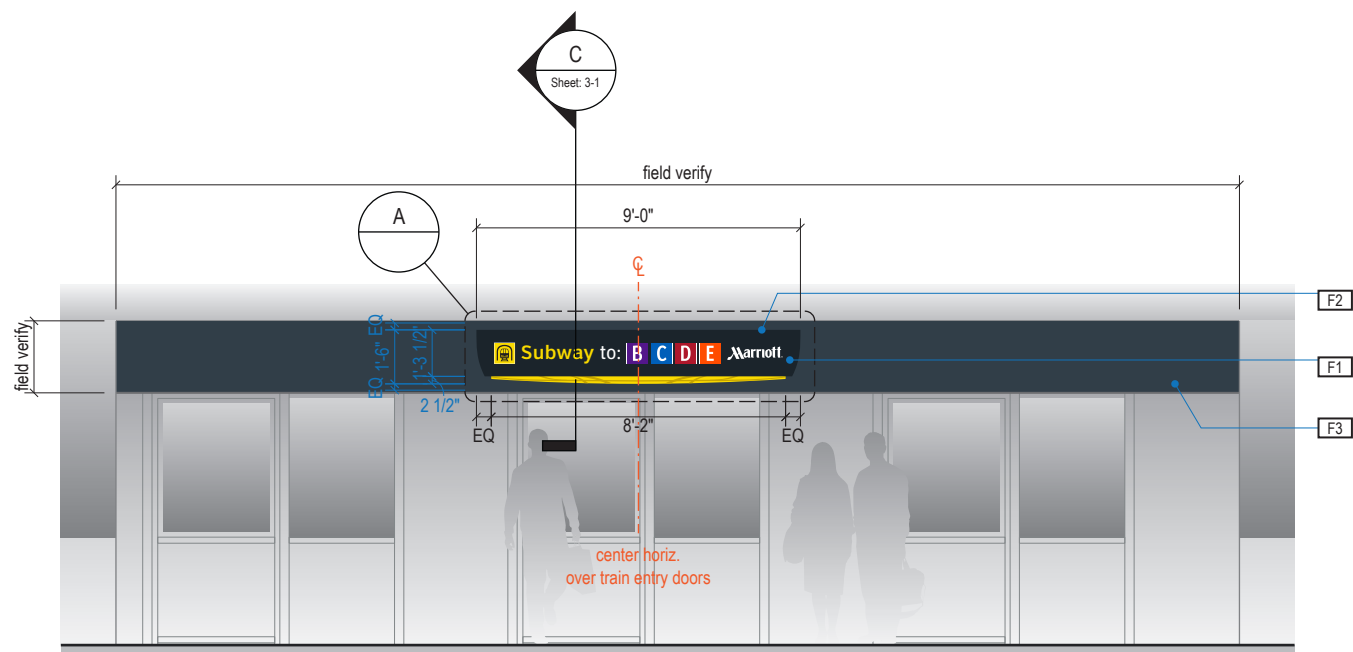
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)
- F3** HEADER COVER: to be full-bleed vinyl film (dark gray or black to match as close as possible to existing background color), cut to fit soffit/header area as shown (field verify); Fabricator to make recommendation on direct applied vinyl film product on soffit/wall/header area as shown per location condition requirements (field verify)



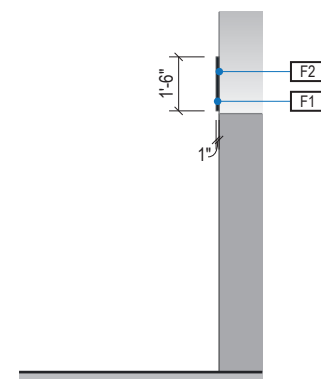
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
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 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

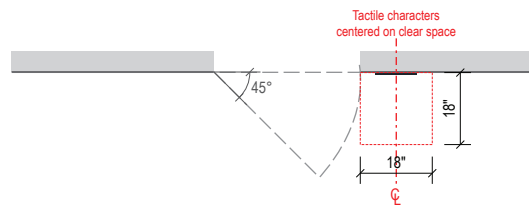
100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

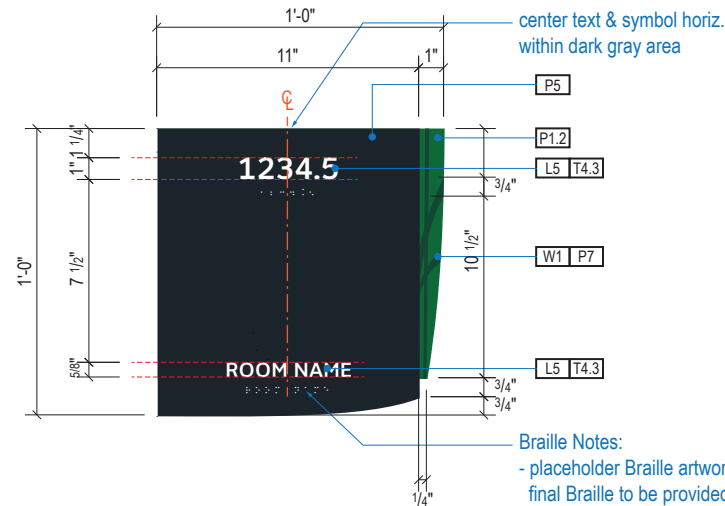
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1-ID.30	IDENTIFICATION	WALL	Wall Mount ADA Tactile Room ID; 1 side



NOTE: Sign must be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

1 PLAN VIEW

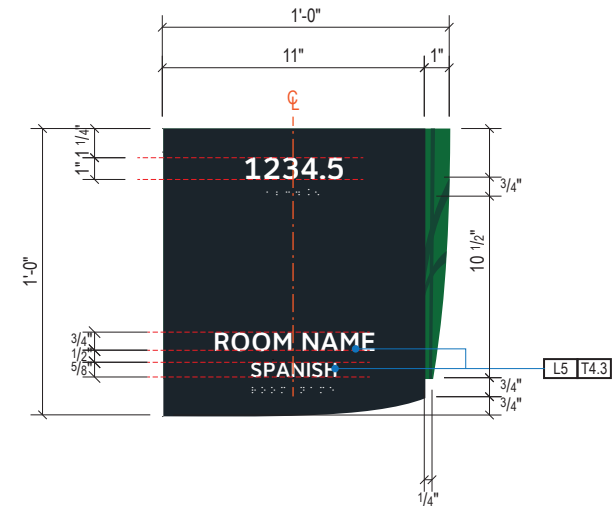
Scale: 3/16" = 1'-0"



Braille Notes:
 - placeholder Braille artwork/characters shown; final Braille to be provided by Fabricator
 - Braille must meet all of the most recent TAS/ADA tactile/spacing/sizing/formatting requirements
 - no color applied to Braille

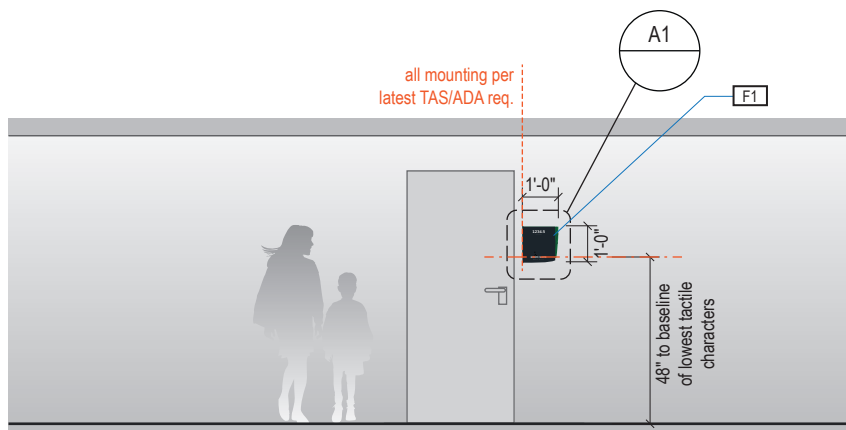
A1 FACE LAYOUT: Typical

Scale: 1 1/2" = 1'-0"



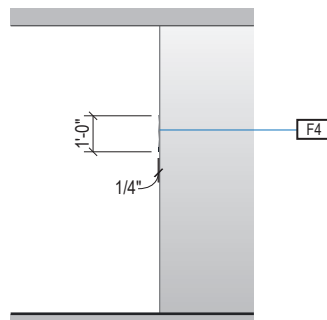
A2 FACE LAYOUT: Option w/ Spanish

Scale: 1 1/2" = 1'-0"



2 ELEVATION

Scale: 3/16" = 1'-0"



3 END VIEW

Scale: 3/16" = 1'-0"

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DESIGN INTENT NOTES

- F1** SIGN PANEL: 1/4" thick thermoformed acrylic panel, edges sanded smooth & eased, paint 2nd surface to match MAP paint P5, satin finish; screen paint watermark graphic 2nd surface to match P1.2 & P7, satin finish; 1st surface 1/32" raised tactile letters/graphics painted to match MAP paint P4, satin finish; 1st surface tactile Braille, no color applied (NOTE: Braille must meet all of the most recent TAS/ADA tactile/spacing/sizing/formatting requirements)
- F4** MOUNTING: mounting height and location/proximity to doors, strike plates & finished entry openings per most recent TAS/ADA requirements; mount plumb & level with adhesive/high-bond strength sign grade VHB tape (or approved equal) as install cond. req. (field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
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- T4.3** Tactile: White to match P4
- P4** White: MAP paint MPN202
- P5** Dark Gray: match PMS 433C
- P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C



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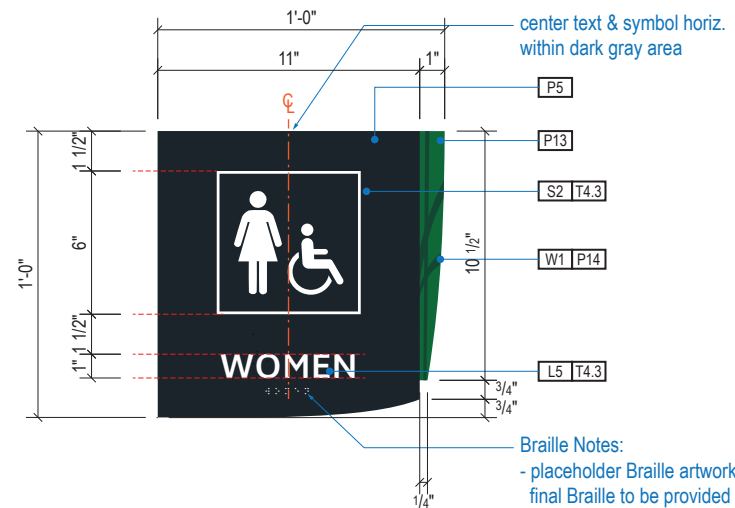


INTERCONTINENTAL AIRPORT
 HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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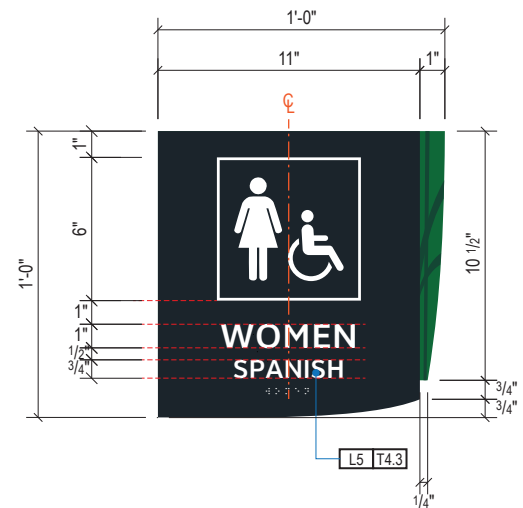
2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION



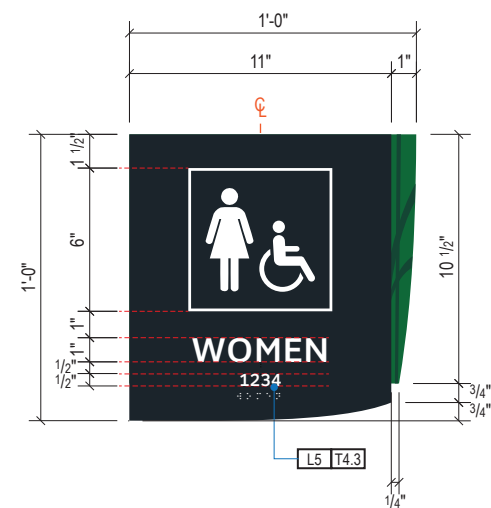
center text & symbol horiz. within dark gray area

Braille Notes:
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 - Braille must meet all of the most recent TAS/ADA tactile/spacing/sizing/formatting requirements
 - no color applied to Braille

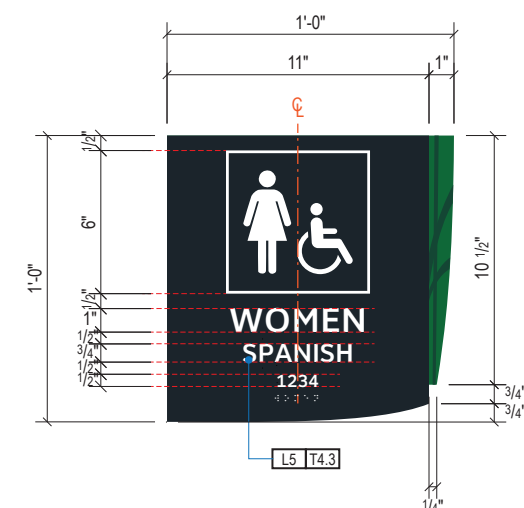
A1 FACE LAYOUT: Typical
 Scale: 1 1/2" = 1'-0"



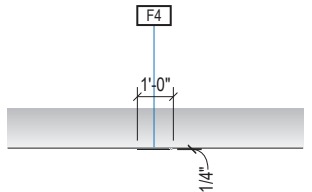
A2 FACE LAYOUT W/ SPANISH
 Scale: 1 1/2" = 1'-0"



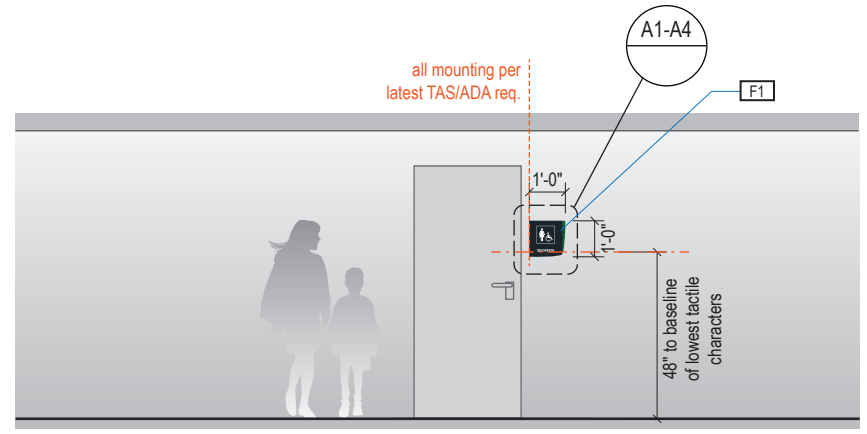
A3 FACE LAYOUT W/ ROOM NUMBER
 Scale: 1 1/2" = 1'-0"



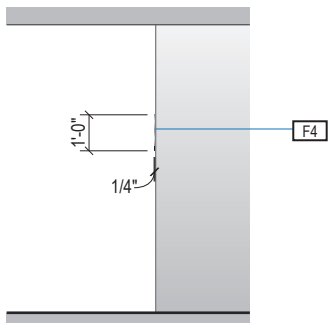
A4 FACE LAYOUT W/ ROOM NUMBER & SPANISH
 Scale: 1 1/2" = 1'-0"



1 PLAN VIEW
 Scale: 3/16" = 1'-0"



2 ELEVATION
 Scale: 3/16" = 1'-0"



3 END VIEW
 Scale: 3/16" = 1'-0"

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1-ID.31	IDENTIFICATION	WALL	Wall Mount ADA Tactile ID; 1 side

GENERAL NOTES

- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN PANEL: 1/4" thick thermoformed acrylic panel, edges sanded smooth & eased, paint 2nd surface to match MAP paint P5, satin finish; screen paint watermark graphic 2nd surface to match P1.2 & P7, satin finish; 1st surface 1/32" raised tactile letters/graphics painted to match MAP paint P4, satin finish; 1st surface tactile Braille, no color applied (NOTE: Braille must meet all of the most recent TAS/ADA tactile/spacing/sizing/formatting requirements)
- F4** MOUNTING: mounting height and location/proximity to doors, strike plates & finished entry openings per most recent TAS/ADA requirements; mount plumb & level with adhesive/high-bond strength sign grade VHB tape (or approved equal) as install cond. req. (field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s); use only official HAS wayfinding arrows
 - S2** Universal Symbols; use only official HAS wayfinding symbols
 - W1** Watermark Graphic; use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- T4.3** Tactile: White to match P4
 - P4** White: MAP paint MPN202
 - P5** Dark Gray: match PMS 433C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C

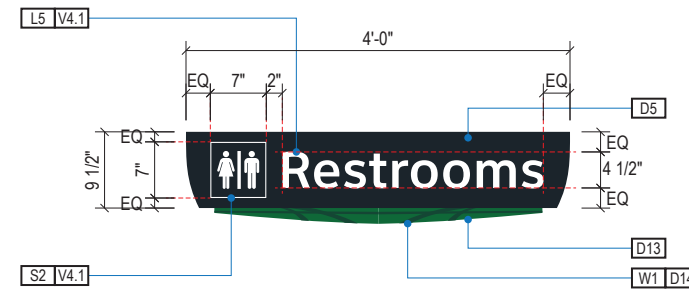
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.35	IDENTIFICATION	SOFFIT / WALL	Transitional Soffit/Wall Mount Restroom Entry ID; 1 side

GENERAL NOTES

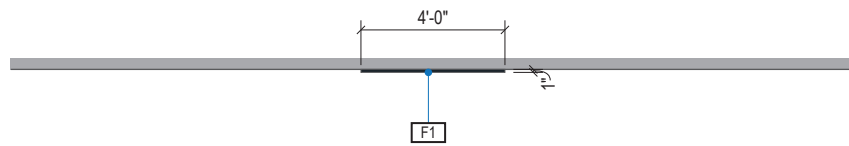
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

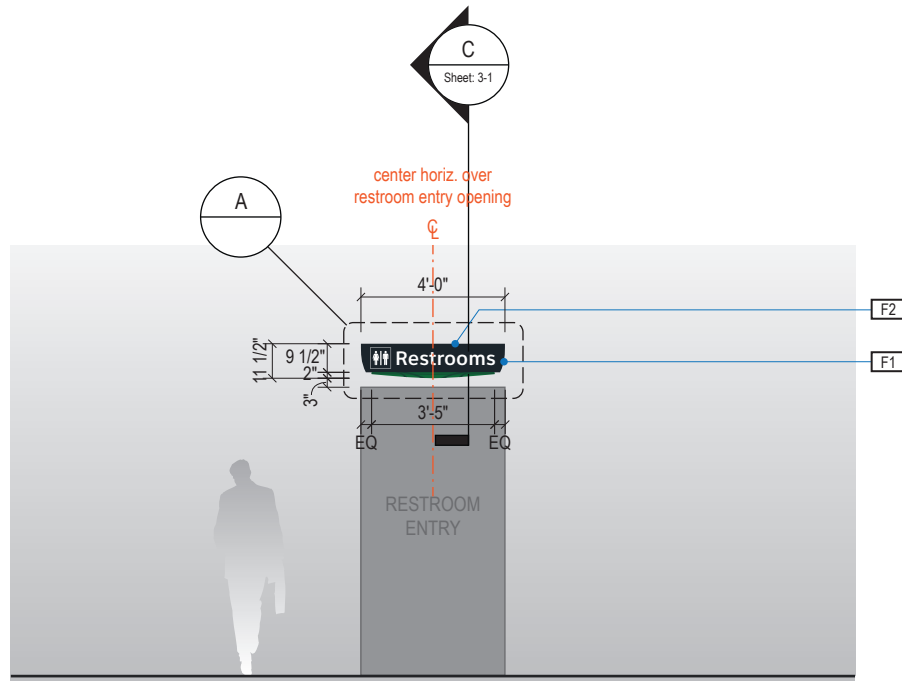
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall or existing sign box/light unit as install location cond. req. (field verify)



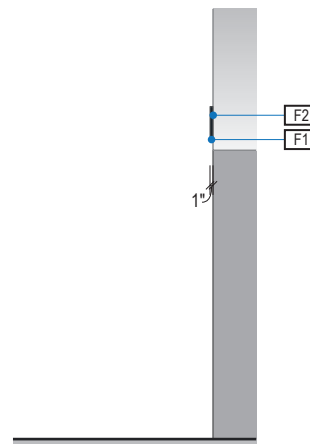
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.37a; 1t-ID.37b	IDENTIFICATION	WALL	Transitional Wall Mount Restroom Entry Super-graphics

GENERAL NOTES

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DESIGN INTENT NOTES

- F1** PAINTED BACKGROUND AREAS: Background areas to be painted with solid satin finish color as shown
- F2** PAINTED RESTROOM SYMBOL ART: Precision mask and paint super-graphic sized restroom symbols with satin color to match as shown, no edge bleeding allowed
- F3** ALUMINUM LETTERS: Custom digitally-cut/fabricated 1/8" thick aluminum plate letters; paint all exposed surfaces with MAP paint, satin finish (or approved equal); mount to wall plumb and level with mechanical fasteners and silicone/adhesive as install conditions require; kerning (space between letters) to match as shown (i.e. standard font maker's kerning setting)

ADDITIONAL NOTES:

FIELD VERIFICATION:

Fabricator to field verify all installation conditions at each location and determine the appropriate fabrication/installation methods and materials to be used as conditions require (to be coordinated with and approved by HAS prior to fabrication and installation)

PAINT APPLICATIONS:

Paint applications (as shown in Design Intent format here) may be placed on a variety of surfaces and may require unique applications at each location. Based on field surveys conducted by the Contractor/Fabricator/Installer (prior to fabrication/installation and coordinated with HAS), the Contractor/Fabricator/Installer shall make a recommendation for optimal material products and applications to address:

- Paint: paint type/product (color, warranty, durability/maintenance); surface preparation (primer; existing wall finish prep/cover); opacity (background surface bleed shall be completely eliminated)

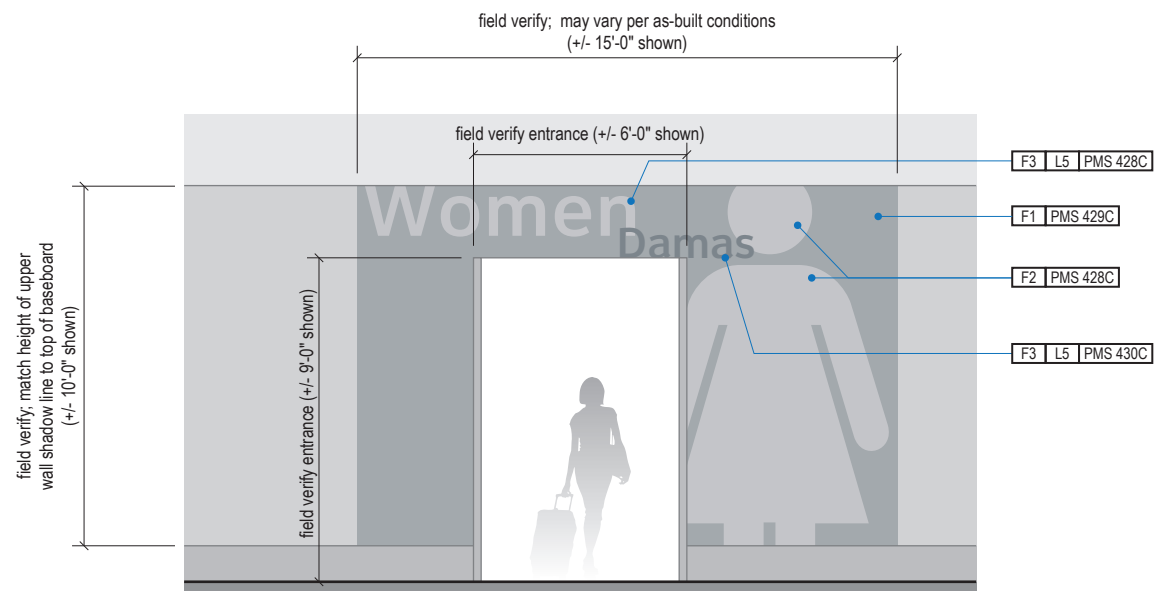
LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
- L6** Supplemental Typeface: Clearview One Book Condensed
- S1** Arrow(s): use only official HAS wayfinding arrows
- S2** Universal Symbols: use only official HAS wayfinding symbols
- W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

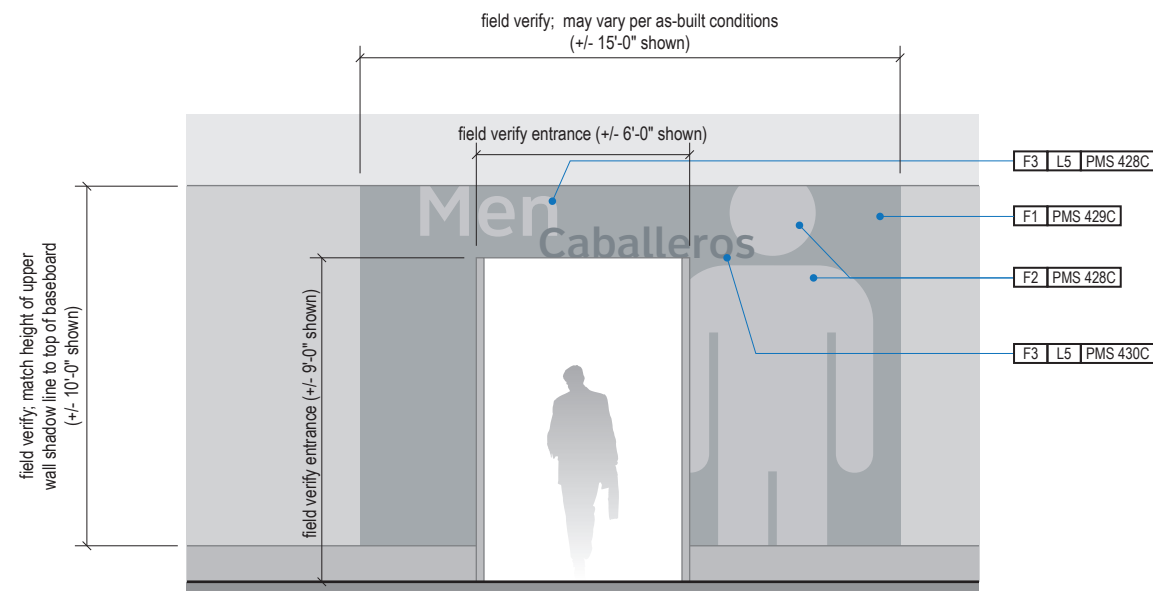
COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



1 ELEVATION: Sign Type 1t-ID.37a - Women's Room
Scale: 3/16" = 1'-0"



2 ELEVATION: Sign Type 1t-ID.37b - Men's Room
Scale: 3/16" = 1'-0"



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

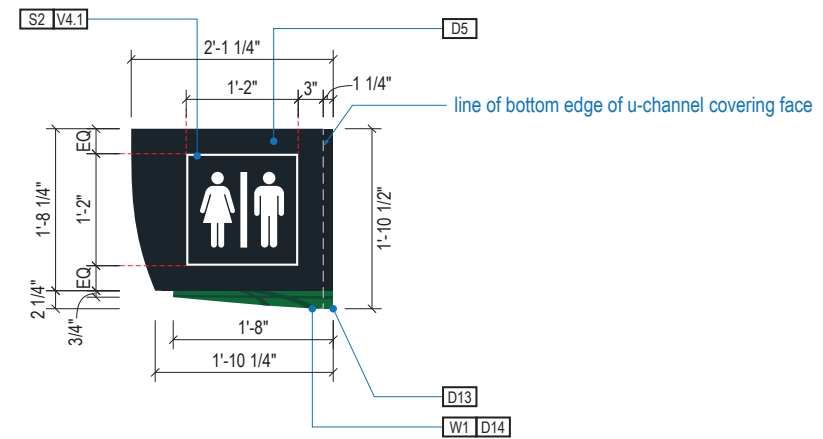
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.43	IDENTIFICATION	FLAG	Transitional Flag Mount ID; 2 sides

GENERAL NOTES

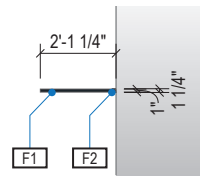
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location and sign type.

DESIGN INTENT NOTES

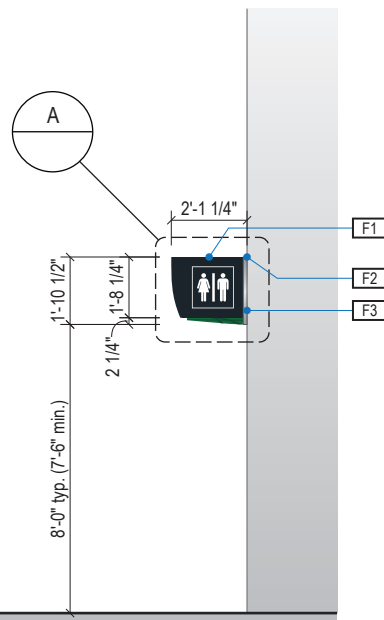
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** VERTICAL EDGE SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener system to building's vertical structural elements as install location cond. req. (field verify)



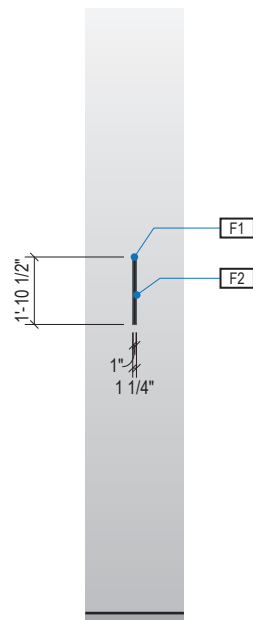
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

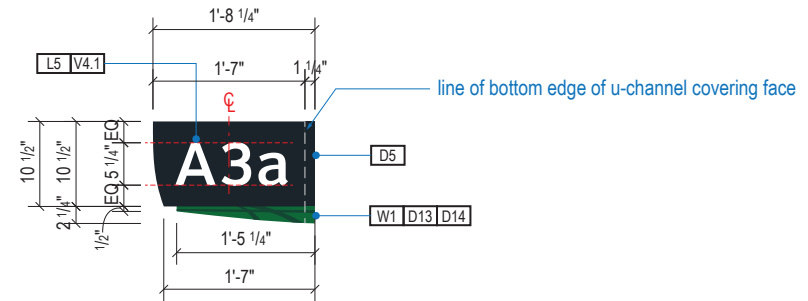
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.45	IDENTIFICATION	FLAG	Transitional Flag Mount Gate ID; 2 sides

GENERAL NOTES

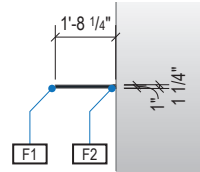
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DESIGN INTENT NOTES

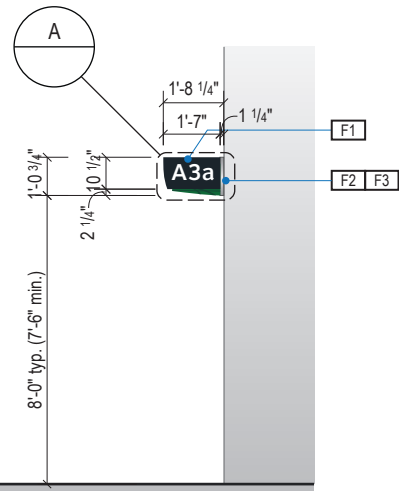
- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** VERTICAL EDGE SUPPORT U-CHANNEL: 1.25" x 1.25" shop-cut architectural grade alum. u-channel (6063 T-52) with clear anodized fin. sleeved over top of foamboard sign face units; mech. fasten thru vert. u-channel legs & foamboard panel
- F3** MOUNTING: mount plumb & level w/ mech. fastener system to building's vertical structural elements as install location cond. req. (field verify)



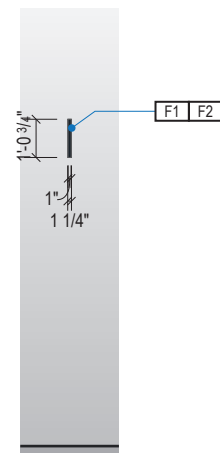
A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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Terminal A - Transitional Signage

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2.2 DESIGN INTENT - TERMINAL A TRANSITIONAL: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
ILLUMINATED	1t-ID.71	IDENTIFICATION	COLUMN WRAP	Concrete column wrap at Skyway Station entrance

GENERAL NOTES

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DESIGN INTENT NOTES

F1 COLUMN WRAP: second surface vinyl graphics illuminated with LED column wrap. Fabricator to make recommendation on column wrap product as location condition requirements (field verify).

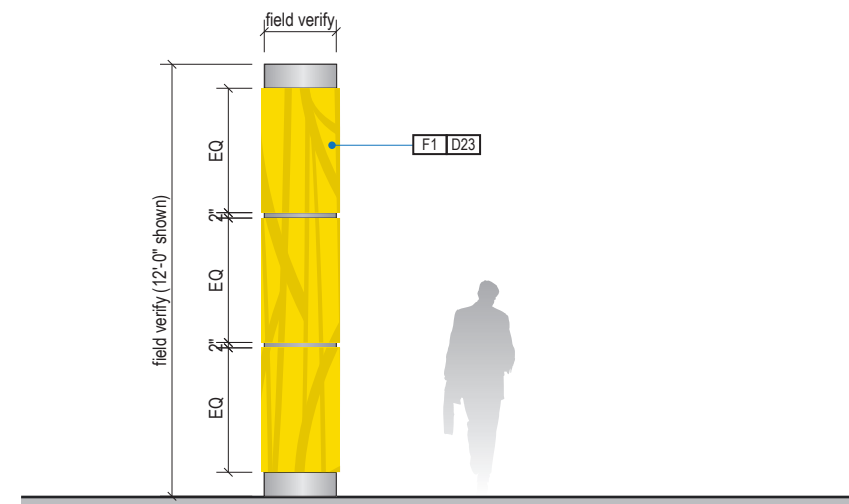
COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

D23 Train Yellow: PMS 3965C



1 APPLICABLE LOCATIONS
Scale: N.T.S.



2 ELEVATION
Scale: 3/16" = 1'-0"



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:
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2.3 DESIGN INTENT - TERMINAL A: SKYWAY SIGNS

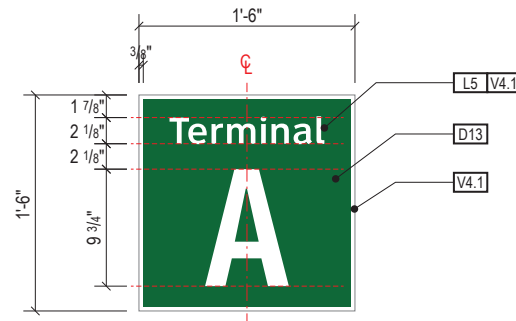
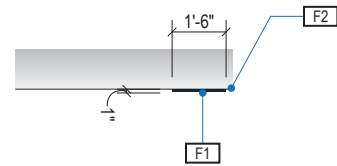
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.73	IDENTIFICATION	WALL	Transitional Wall Mount Terminal ID Badge

GENERAL NOTES

- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

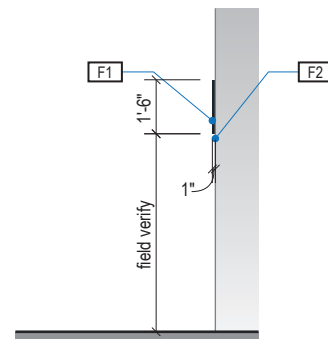
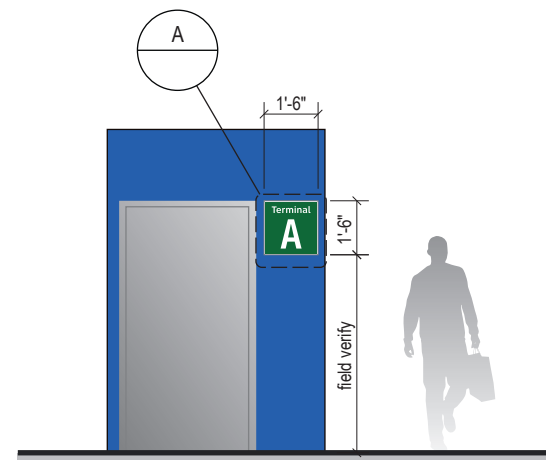
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): custom shop-cut 1" thick high quality interior sign grade foamboard with high-density extruded polystyrene core (black faces and black core); graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mount plumb & level to soffit/wall as install location conditions require (field verify)



1 PLAN VIEW
Scale: 3/16" = 1'-0"

A FACE LAYOUT: Typical Messages
Scale: 3/4" = 1'-0"



1 ELEVATION
Scale: 3/16" = 1'-0"

2 END VIEW
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
 - D7.2** Med. Gray: PMS 431C
 - D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
 - D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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Terminal A - Transitional Signage

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2.3 DESIGN INTENT - TERMINAL A: SKYWAY SIGNS

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.75a, 1t-ID.75b	IDENTIFICATION	DOOR / WINDOW MOUNT	Skyway Station symbol graphics

GENERAL NOTES

- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

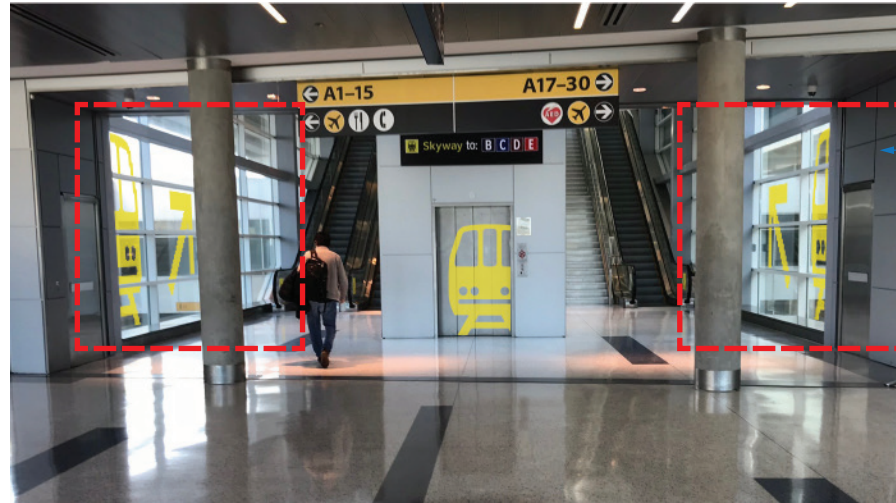
DESIGN INTENT NOTES

- F1** SYMBOL GRAPHIC: digitally-cut symbol direct applied vinyl film to match D23. Fabricator to make recommendation on direct applied vinyl film product as shown per location condition requirements (field verify). Prep surface as necessary/required for maximum adhesion.

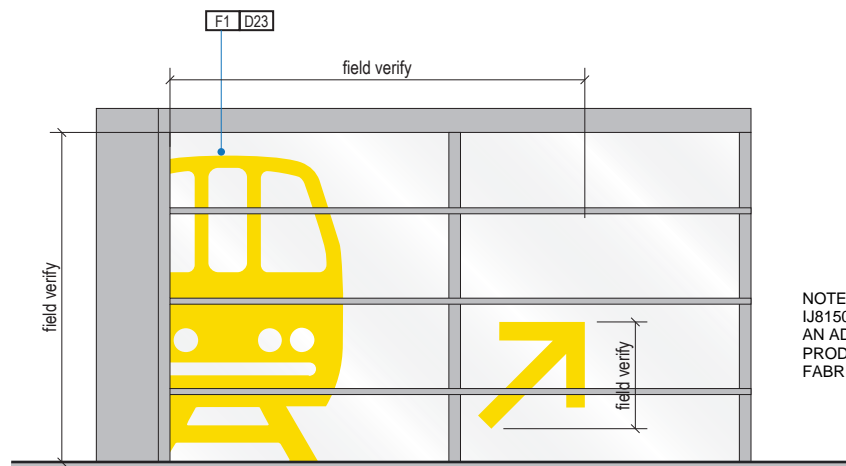
COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

D23 Train Yellow: PMS 3965C



Apply to both sets of windows at station



NOTE : PROVIDE 3M FILM PRODUCT ON GLASS : IJ8150 WITH 8519 OVERLAMINATE. AN ADHESION TEST IS TO BE PROVIDED WITH SELECTED PRODUCT. ALSO PROVIDE A FULL SIZE MOCK UP PRIOR TO FABRICATION FOR OWNER APPROVAL.

1 1t-ID75a: WINDOW GRAPHIC

Scale: N.T.S.



NOTE : PROVIDE 3M FILM PRODUCT ON ELEVATOR DOOR : IJ180MC-10SLS. AN ADHESION TEST IS TO BE PROVIDED WITH SELECTED PRODUCT. ALSO PROVIDE A FULL SIZE MOCK UP PRIOR TO FABRICATION FOR OWNER APPROVAL.

2 1t-ID75b: ELEVATOR GRAPHIC

Scale: 3/16" = 1'-0"



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2.3 DESIGN INTENT - TERMINAL A: SKYWAY SIGNS

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-ID.81, 1t-ID.82	IDENTIFICATION	WALL	Miscellaneous Terminal ID Signage

GENERAL NOTES

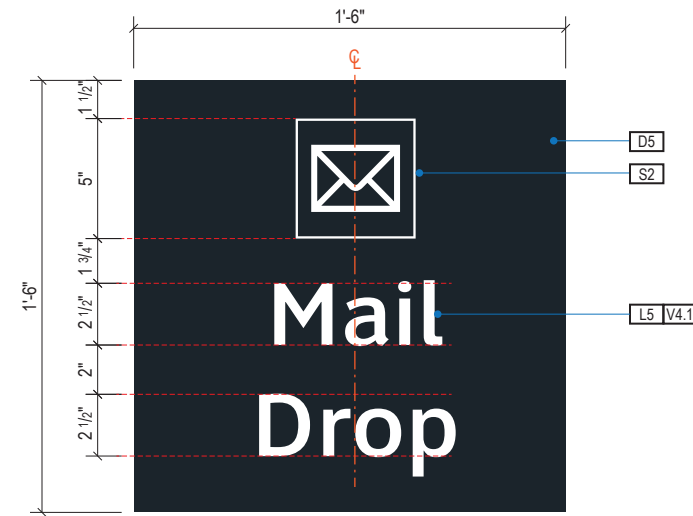
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



1 FACE LAYOUT: 1t-ID.81
Scale: 1 1/2" = 1'-0"



2 FACE LAYOUT: 1t-ID.82
Scale: 1 1/2" = 1'-0"

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
- S2** Universal Symbols: use only official HAS wayfinding symbols

COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: match PMS 433C
- D13** A Green: PMS 349C



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2.4 DESIGN INTENT - TERMINAL A: ANCILLARY IDENTIFICATION

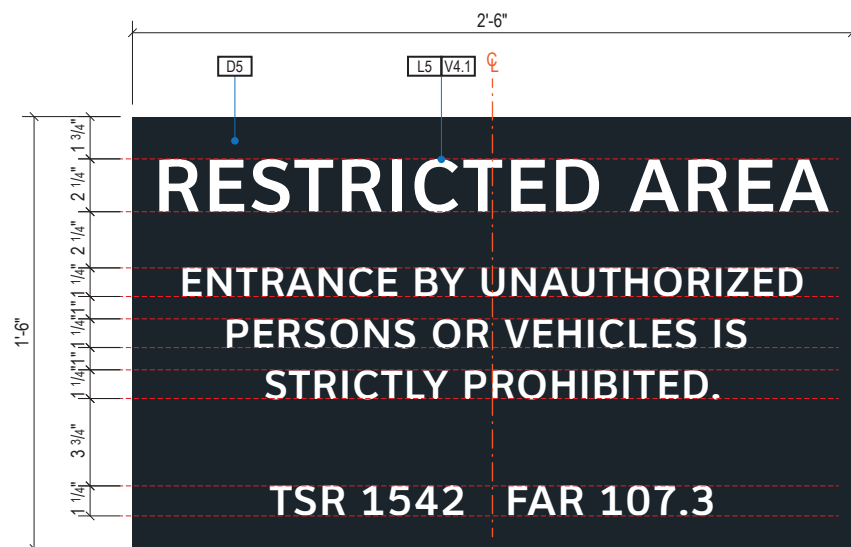
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-RG.21 to 1t-RG.25	REGULATORY	WALL	Terminal Regulatory Signage

GENERAL NOTES

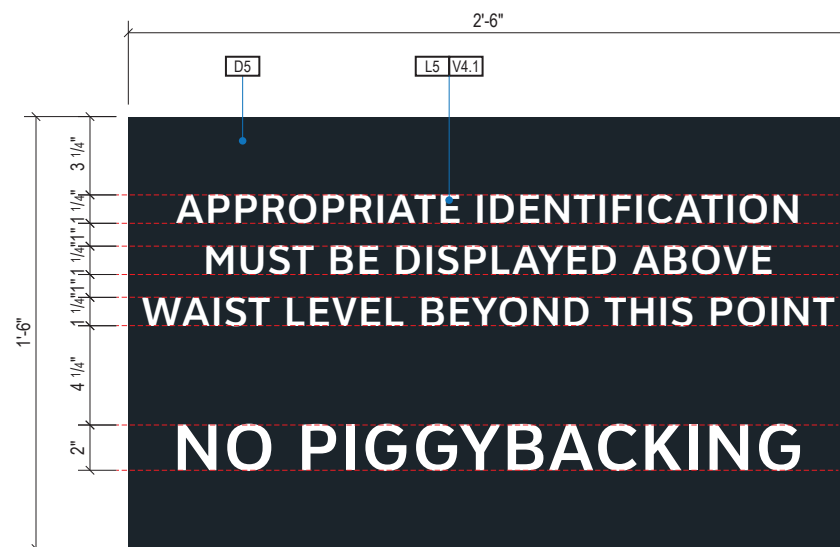
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

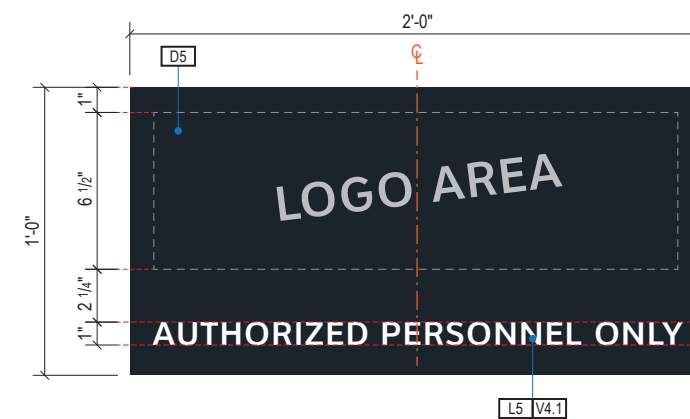
- [F1]** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- [F2]** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



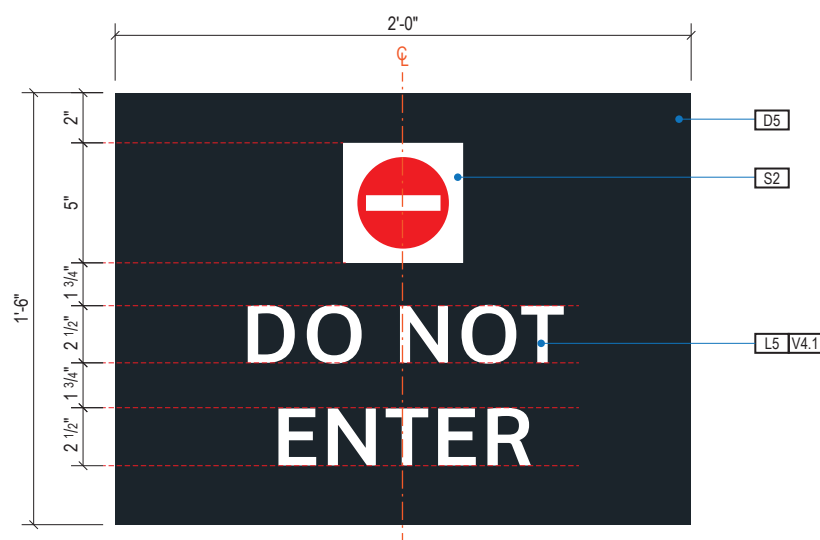
1 FACE LAYOUT: 1t-RG.21a
Scale: 1 1/2" = 1'-0"



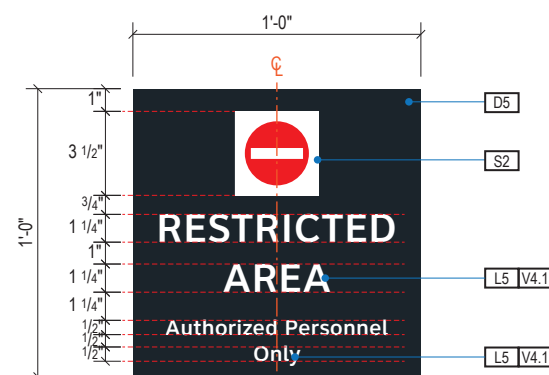
2 FACE LAYOUT: 1t-RG.21b
Scale: 1 1/2" = 1'-0"



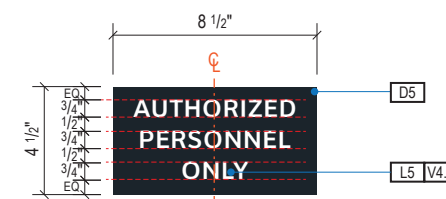
3 FACE LAYOUT: 1t-RG.22
Scale: 1 1/2" = 1'-0"



4 FACE LAYOUT: 1t-RG.23
Scale: 1 1/2" = 1'-0"



5 FACE LAYOUT: 1t-RG.24
Scale: 1 1/2" = 1'-0"



6 FACE LAYOUT: 1t-RG.25
Scale: 1 1/2" = 1'-0"

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- [L5]** Pedestrian Wayfinding Typeface: ClearviewText Medium
- [S2]** Universal Symbols: use only official HAS wayfinding symbols

COLORS:

- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- [V4.1]** White: 3M 7725-20 White Opaque
 - [D5]** Dark Gray: match PMS 433C
 - [D13]** A Green: PMS 349C



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2.5 DESIGN INTENT - TERMINAL A: REGULATORY

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	1t-LE.21, 1t-LE.25a, 1t-LE.25b	SAFETY/EGRESS	WALL	Terminal Safety/Egress Signage

GENERAL NOTES

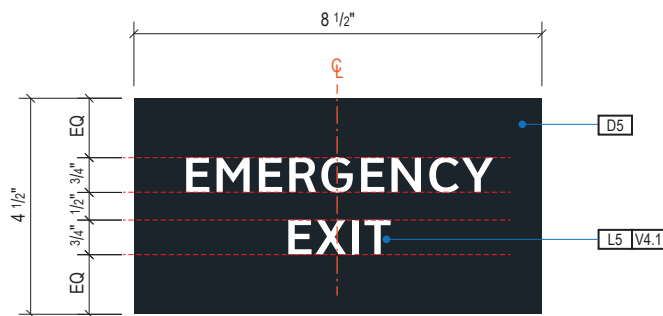
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

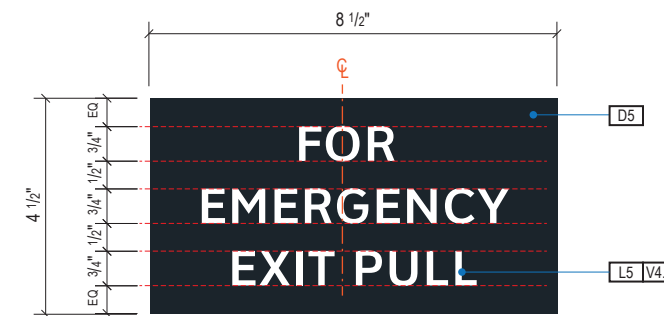
- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



1 FACE LAYOUT: 1t-LE.21
Scale: 3" = 1'-0"



2 FACE LAYOUT: 1t-LE.25a
Scale: 3" = 1'-0"



3 FACE LAYOUT: 1t-LE.25b
Scale: 3" = 1'-0"

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

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- S2** Universal Symbols: use only official HAS wayfinding symbols

COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: match PMS 433C
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2.6 DESIGN INTENT - TERMINAL A: LIFE-SAFETY/EGRESS

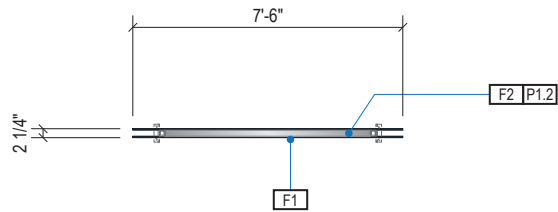
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
REFLECTIVE	3I-DR.13b-S	DIRECTIONAL	CEILING SUSPENDED	Transitional Medium 1-way Ceiling Suspended Directional w/ Spanish

GENERAL NOTES

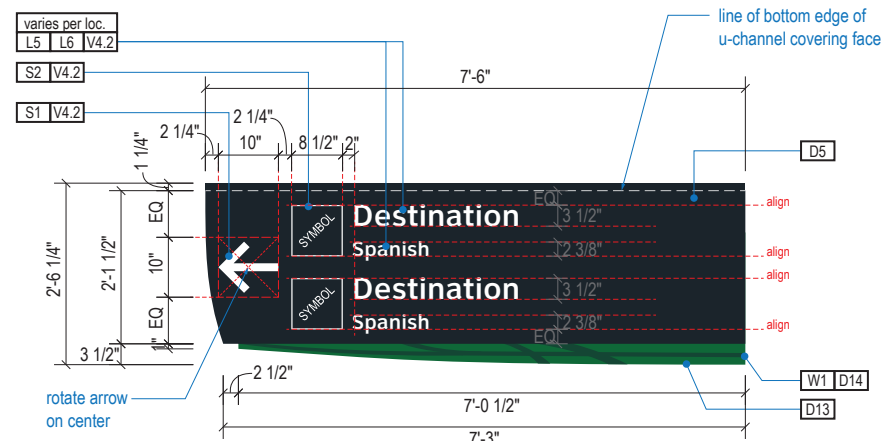
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DESIGN INTENT NOTES

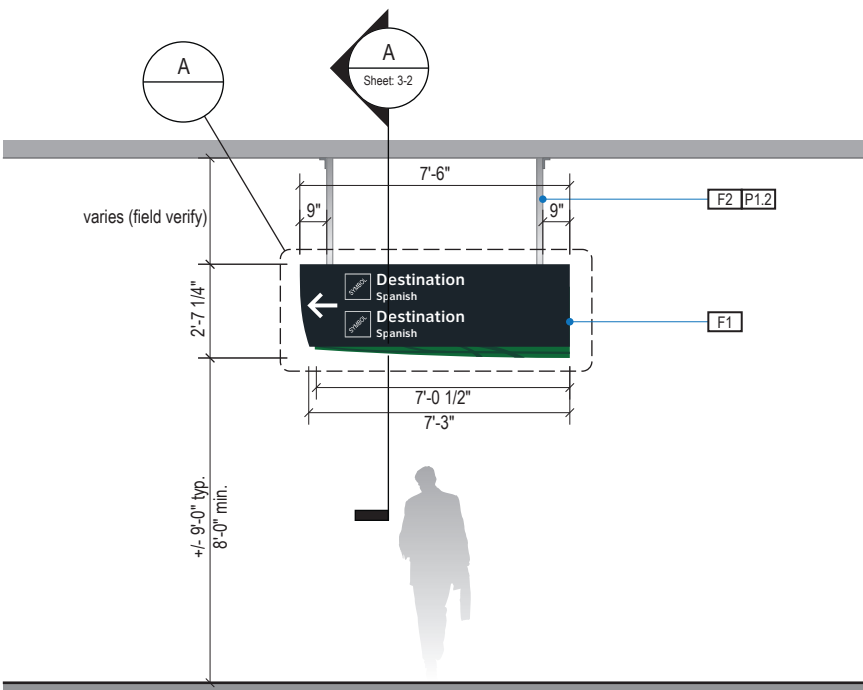
- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; mechanically fasten sign panels to support tube structure with stainless steel countersunk screws, paint heads to match sign face; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** SUPPORT FRAME/SUSPENSION: fabricated 2" square alum. support tube frame & vertical suspension tube structure; all exposed support frame tube ends to be capped with alum.; all welds on frame/caps to be filled & ground smooth for uniform appearance; suspension tubes mechanically attached to ceiling attachment hinge plates above; ceiling attachment plates to be mechanically fastened to garage's structural ceiling elements as required w/ mech. fasteners (fabricator to field verify); support frame, suspension tubes & hinge plates to be painted all exposed surfaces with MAP paint to match P1.2, satin finish



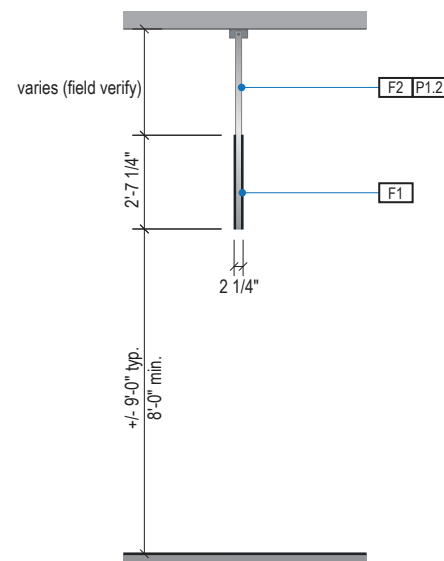
1 PLAN VIEW
Scale: 3/16" = 1'-0"



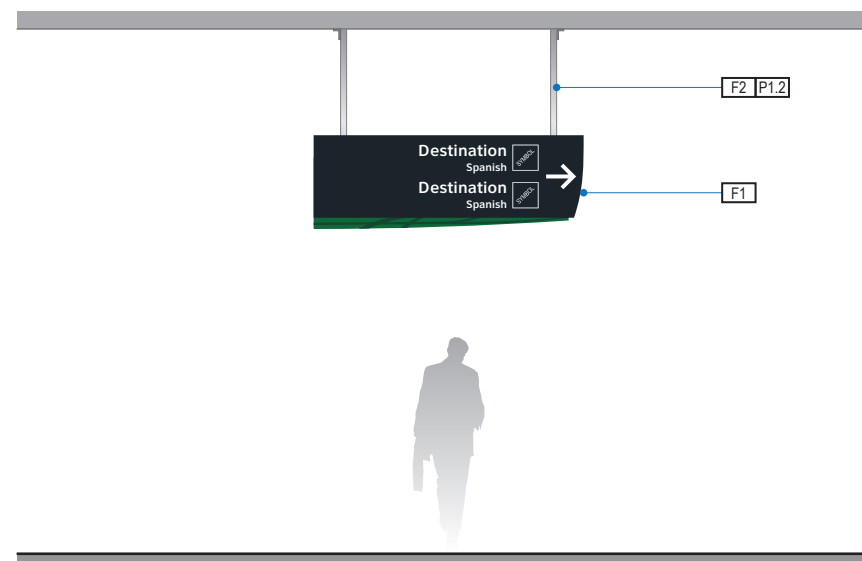
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 4090 DG3 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.2** White: 3M 4090 DG3 White Reflective
 - D5** Dark Gray: match PMS 433C
 - D6** Med. Dark Gray: match PMS 432C
 - D17** C Blue: PMS 300C; **D18** C Watermark: PMS 294C
 - P17** C Blue: PMS 300C; **P18** C Watermark: PMS 294C
 - P1.2** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.7 DESIGN INTENT - TERMINAL A CURBSIDE: DIRECTIONAL

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-DR.23-S; 3-DR.23-r-S	DIRECTIONAL	WALL/SOFFIT	1-way Wall/Soffit Mount Directional w/ Spanish

GENERAL NOTES

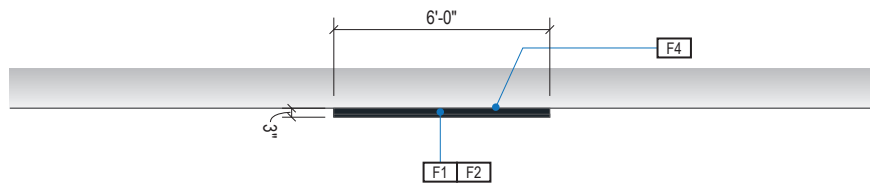
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

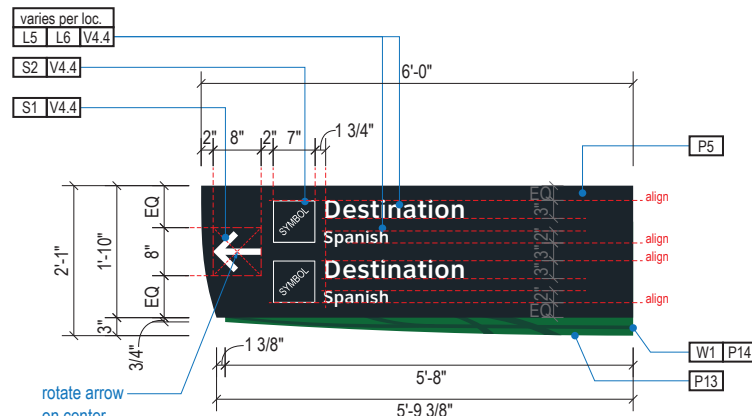
- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main support frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mechanically fasten sign box to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face where exposed to public view; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

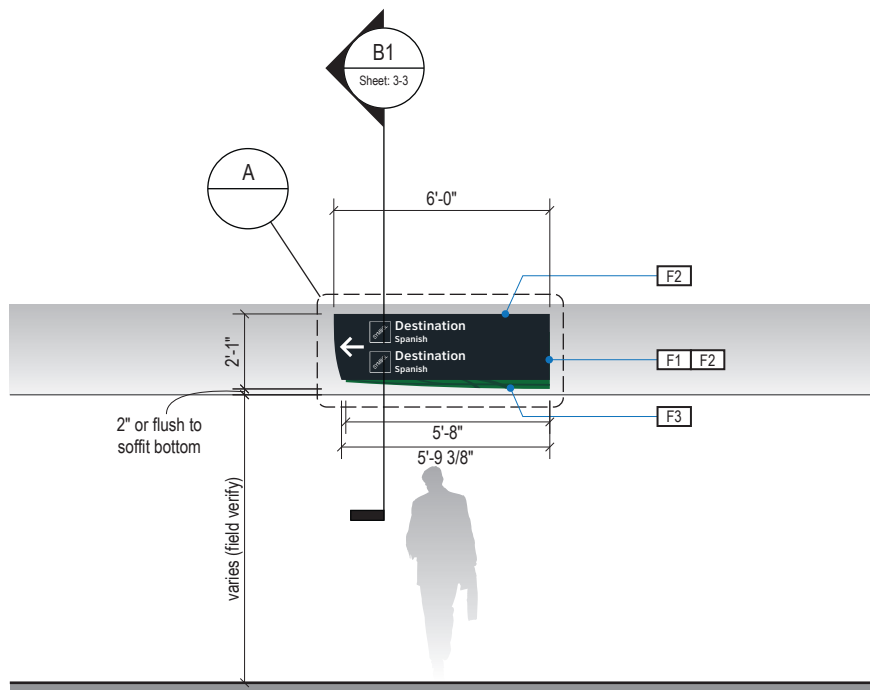
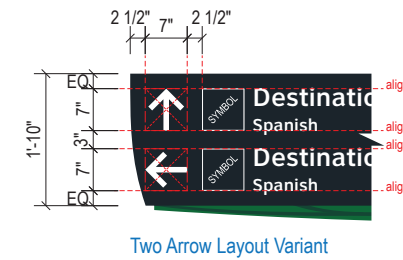
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



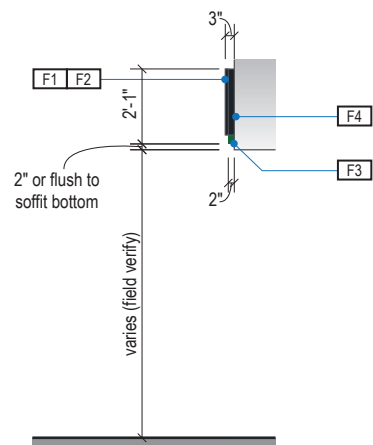
1 PLAN VIEW
Scale: 3/16" = 1'-0"



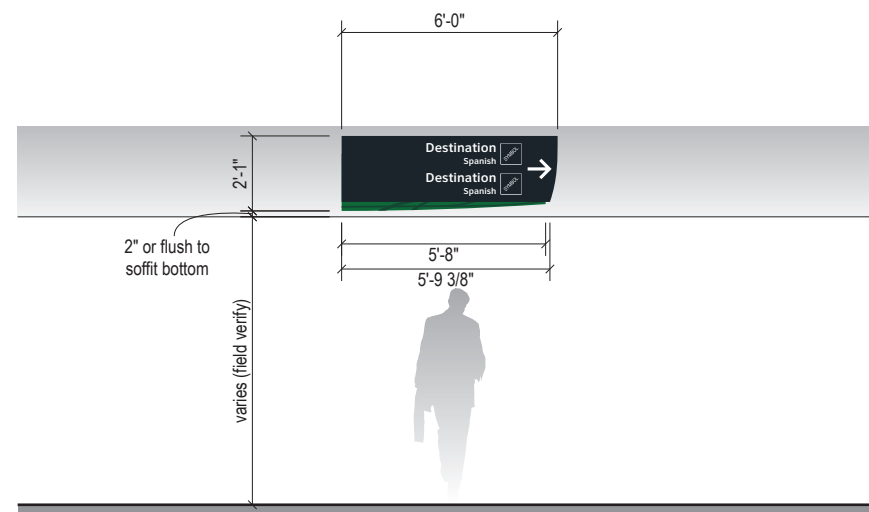
A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION: 1t-DR.23-S
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION: 3-DR.23-r-S (Right-Facing Variant)
Scale: 3/16" = 1'-0"



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Terminal A - Transitional Signage

100% Design
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2.7 DESIGN INTENT - TERMINAL A CURBSIDE: DIRECTIONAL

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-DR.25b-S	DIRECTIONAL	SOFFIT / WALL	Medium 2-way Soffit/Wall Mount Single Line Directional w/ Spanish

GENERAL NOTES

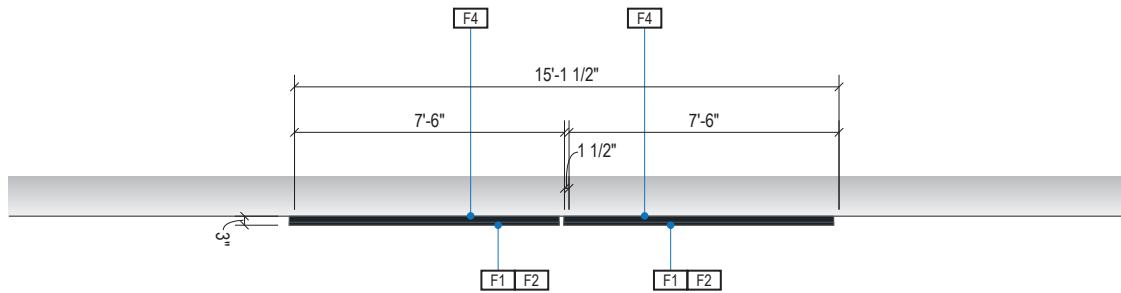
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

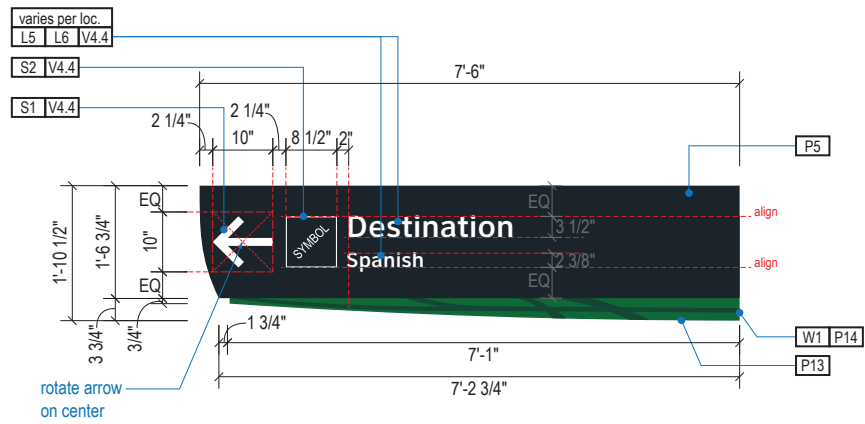
- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main symbol frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mechanically fasten sign box to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face where exposed to public view; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

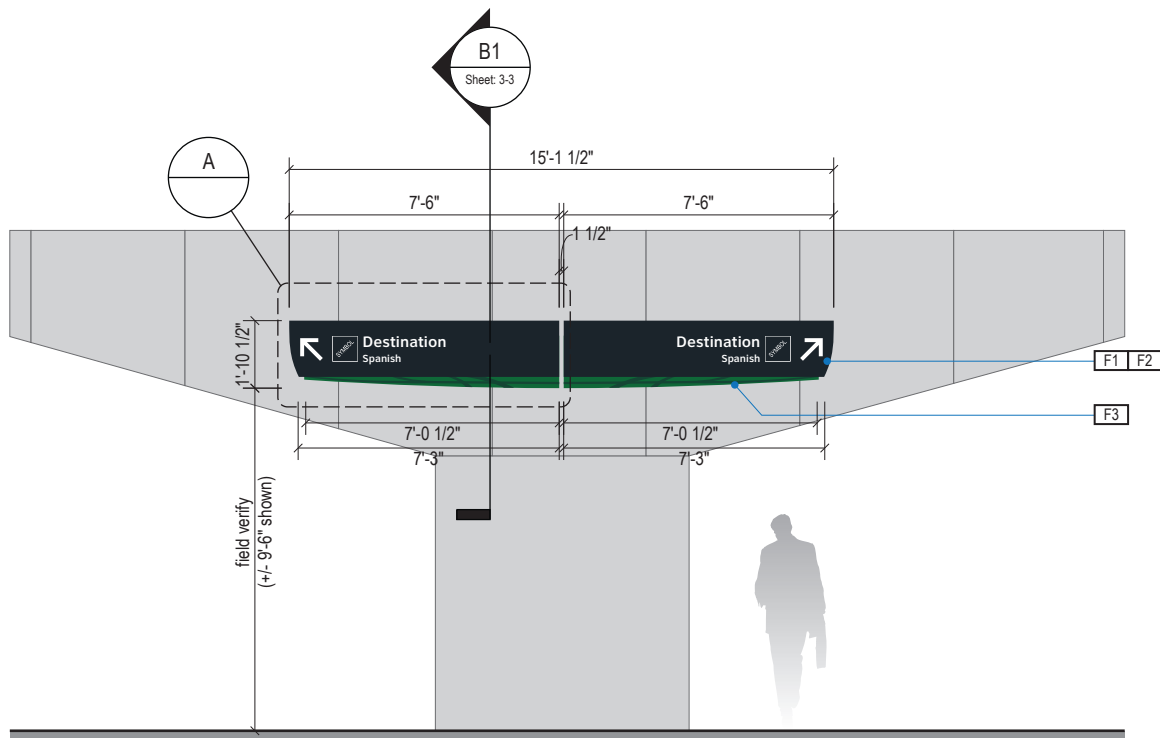
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



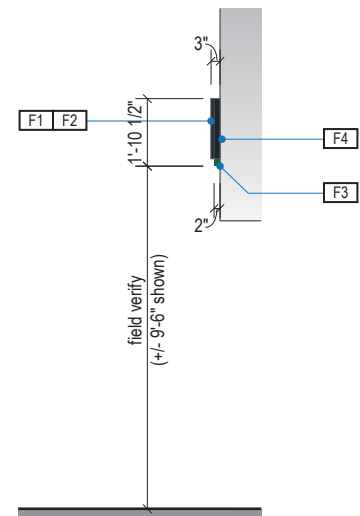
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.7 DESIGN INTENT - TERMINAL A CURBSIDE: DIRECTIONAL

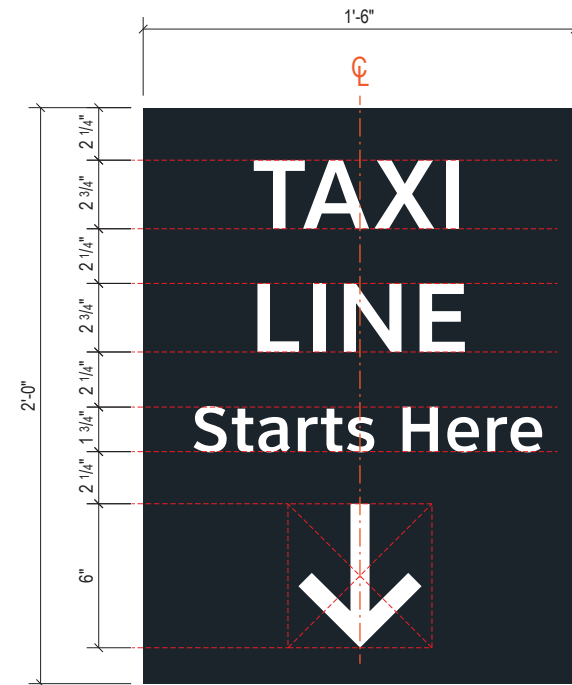
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	3t-DR.28, 3t-DR.29	DIRECTIONAL	WALL	Curbside Directional Signage

GENERAL NOTES

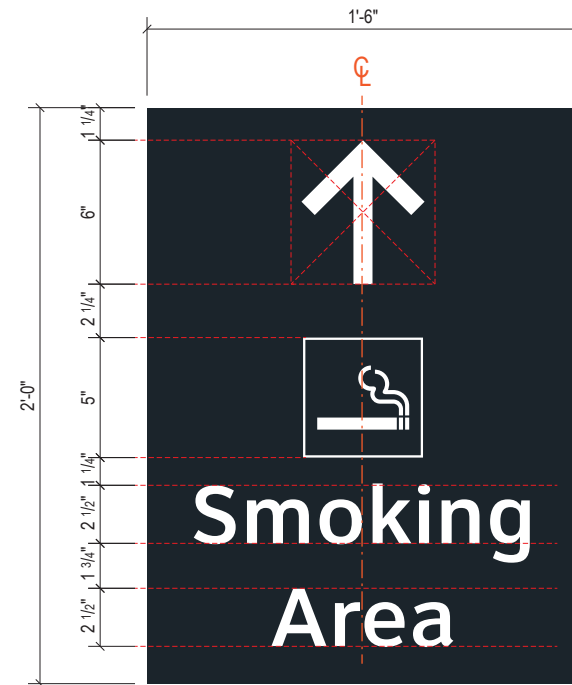
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



1 FACE LAYOUT: 3t-DR.28
Scale: 1 1/2" = 1'-0"



2 FACE LAYOUT: 3t-DR.29
Scale: 1 1/2" = 1'-0"

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
L5 Pedestrian Wayfinding Typeface: ClearviewText Medium
S2 Universal Symbols: use only official HAS wayfinding symbols

COLORS:
 NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
V4.1 White: 3M 7725-20 White Opaque
D5 Dark Gray: match PMS 433C
D13 A Green: PMS 349C



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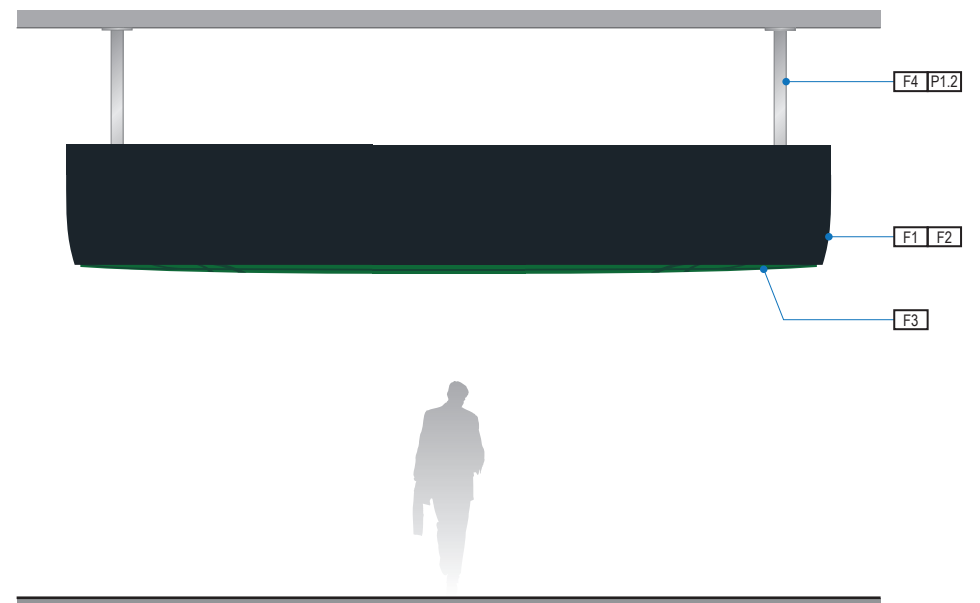
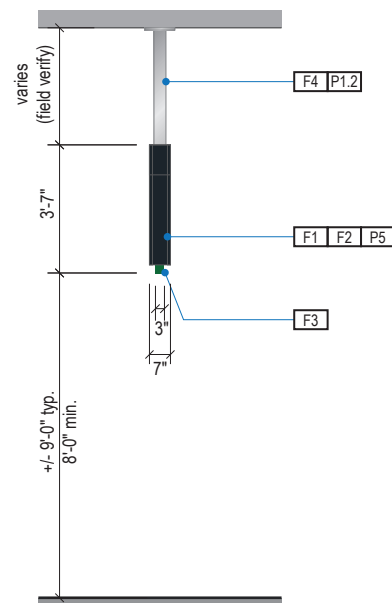
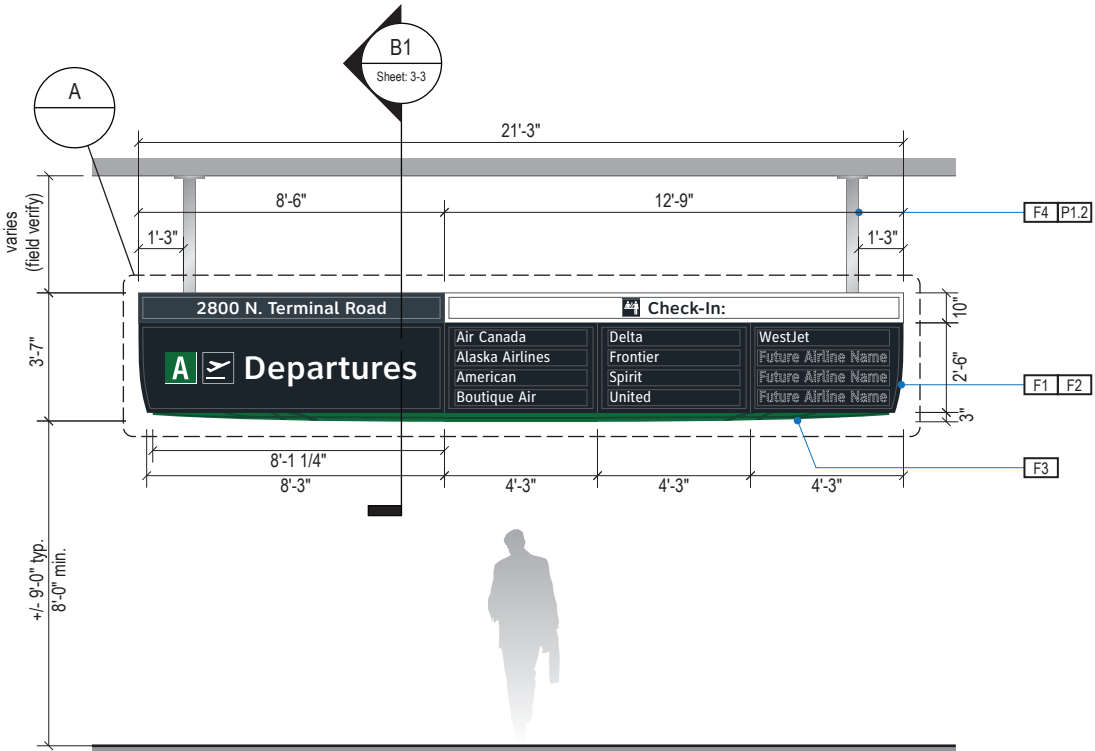
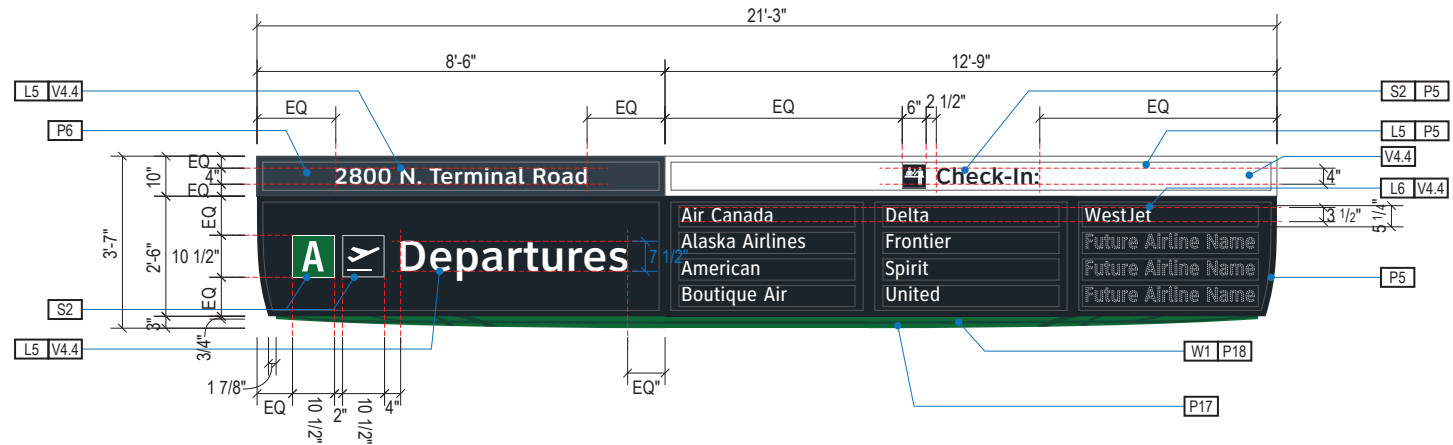
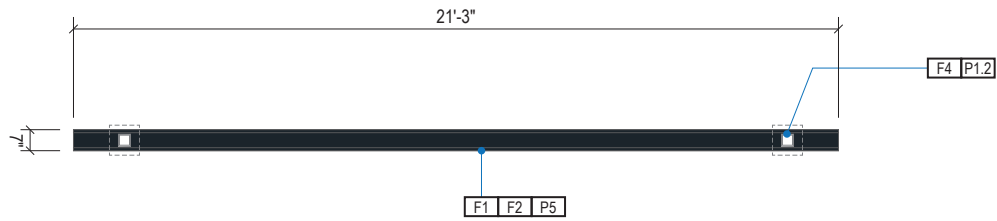
100% Design
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2.7 DESIGN INTENT - TERMINAL A CURBSIDE: DIRECTIONAL

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-ID.15	IDENTIFICATION	CEILING SUSPENDED	Ceiling Suspended Mount Curbside Departures Entrance ID w/ up to 12 Airline Names

NOTE: REFER TO DETAIL E/3-1 FOR MAGNETIC PANEL DETAIL



GENERAL NOTES

- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Wherever dissimilar metals are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic corrosion.
- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main support frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mount plumb & level w/ hidden (above fin. ceiling line) structural blocking/fabricated unistrut & susp. tube/mech. fastener system to building's structural elements as install loc. cond. req. (Fabricator to field verify and engineer); all mech. mounting connections hidden inside channel box & above ceiling line (Fabricator to field verify and engineer); square alum. susp. cover tubes with square alum. escutcheon cover plate at ceiling connection point to cover install holes, paint all exposed surfaces with MAP paint to match P1.2, satin finish

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-ID.21	IDENTIFICATION	SOFFIT / WALL	Soffit/Wall Mount Curbside ID; 1 side

GENERAL NOTES

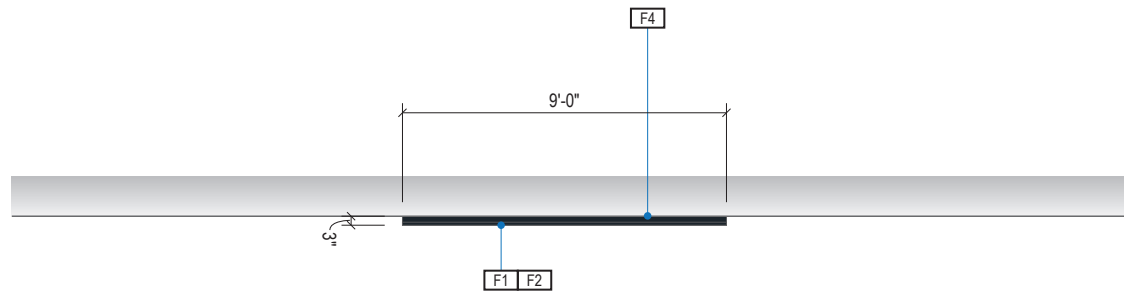
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DESIGN INTENT NOTES

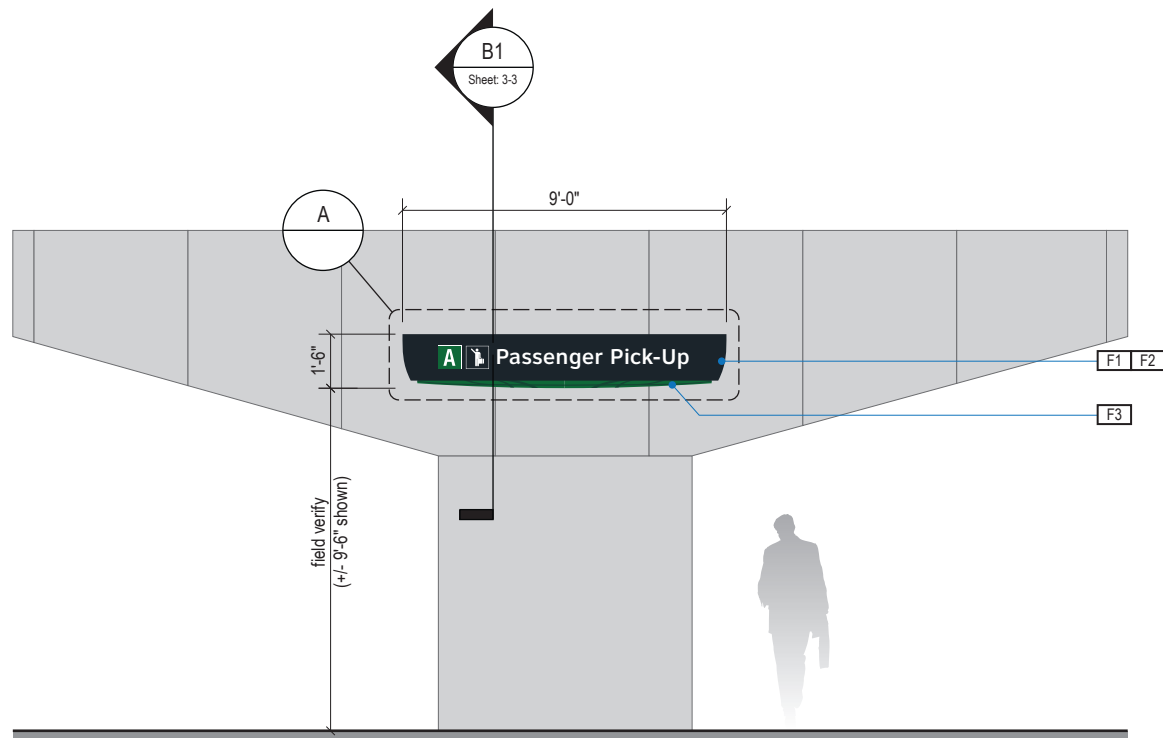
- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main support frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mechanically fasten sign box to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face where exposed to public view; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

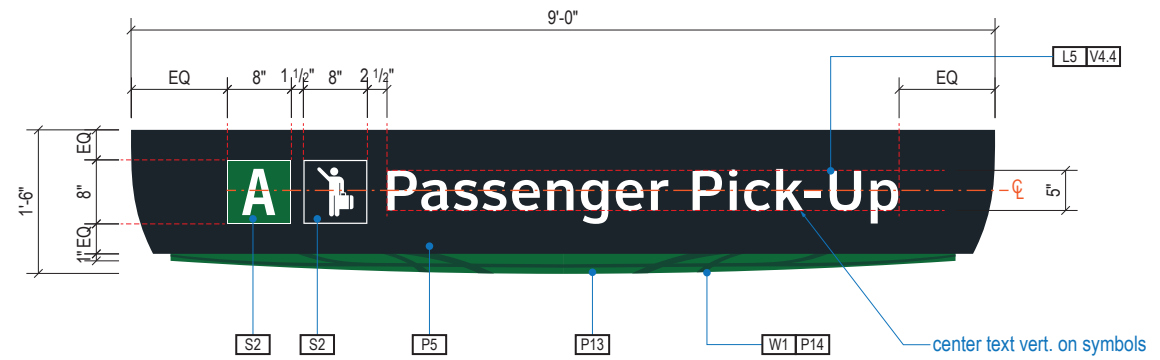
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P1.2** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



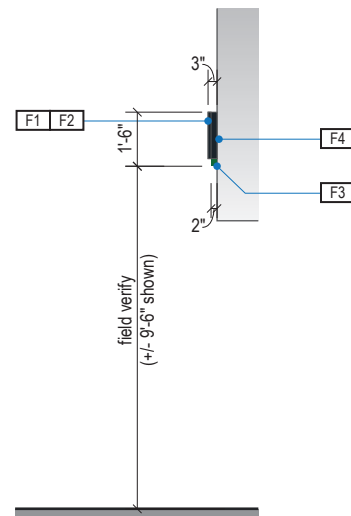
1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical
Scale: 1/2" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



Louisville, Colorado
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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:

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2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-ID.25	IDENTIFICATION	WALL/SOFFIT	Soffit/Wall Mount Curbside Departures/Arrivals Entrance ID w/ Address Header

GENERAL NOTES

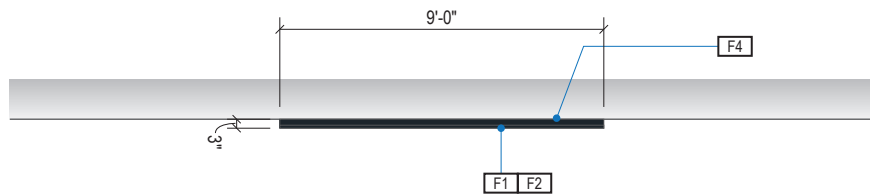
- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
- Wherever dissimilar metals are in contact, always separate contact surfaces prior to assembly or installation with the necessary protective coatings/gaskets/washers to prevent galvanic corrosion.
- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

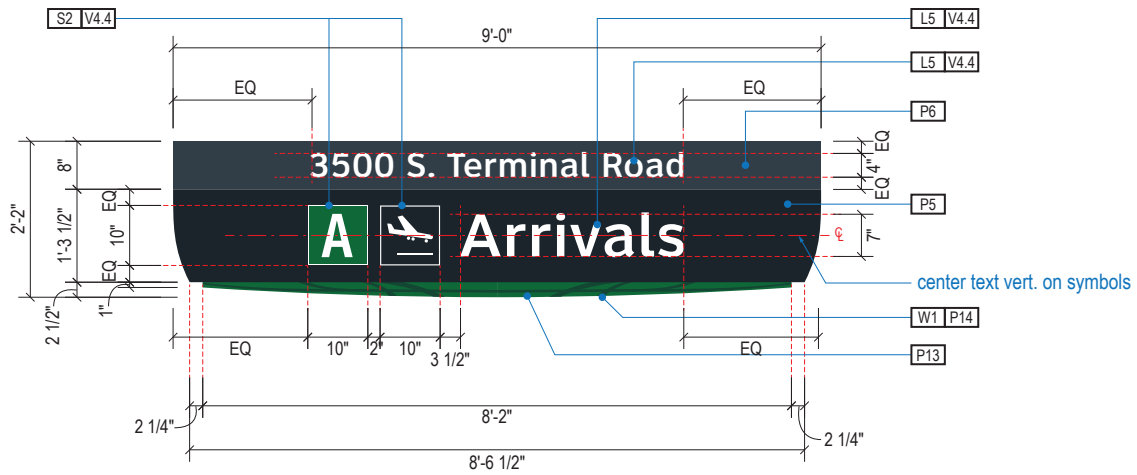
- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main support frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mechanically fasten sign box to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face where exposed to public view; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

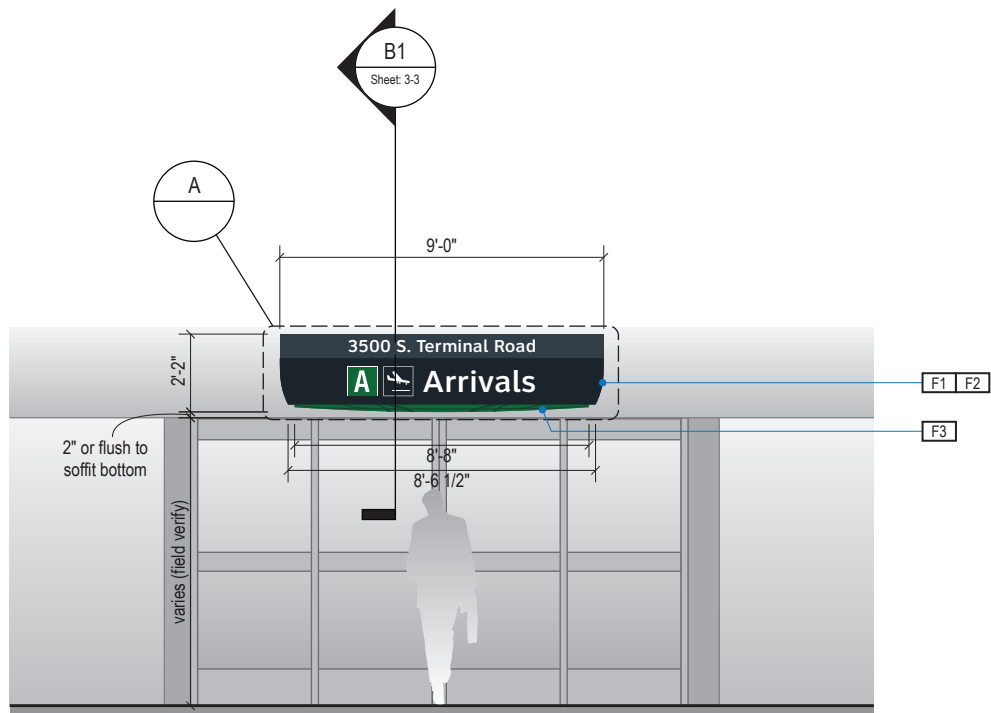
- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



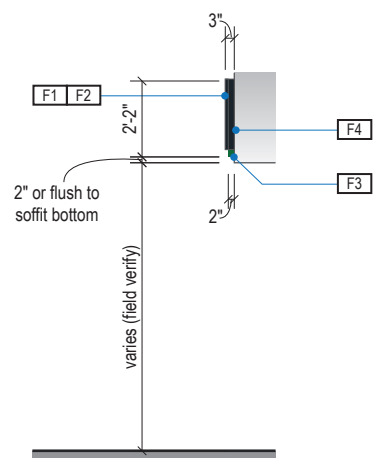
1 PLAN VIEW
Scale: 3/16" = 1'-0"



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

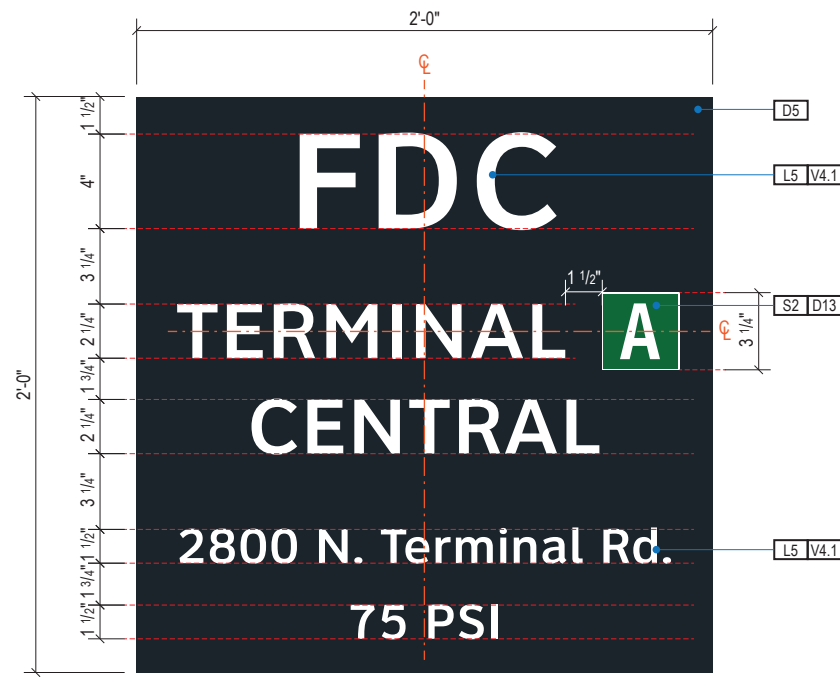
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	3t-ID.31 to 3t-ID.34	IDENTIFICATION	WALL	Miscellaneous Curbside ID Signage

GENERAL NOTES

- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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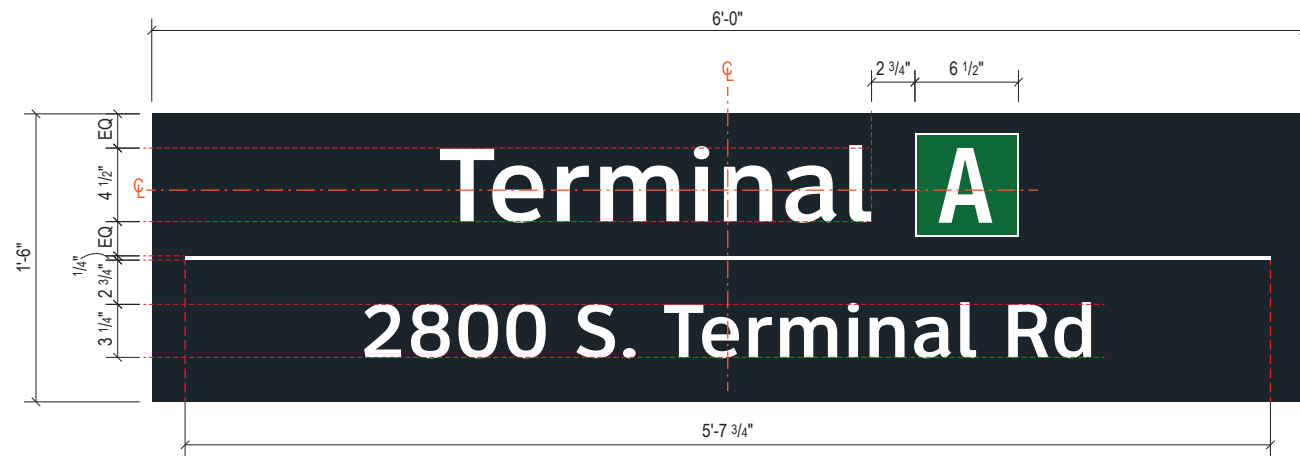
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



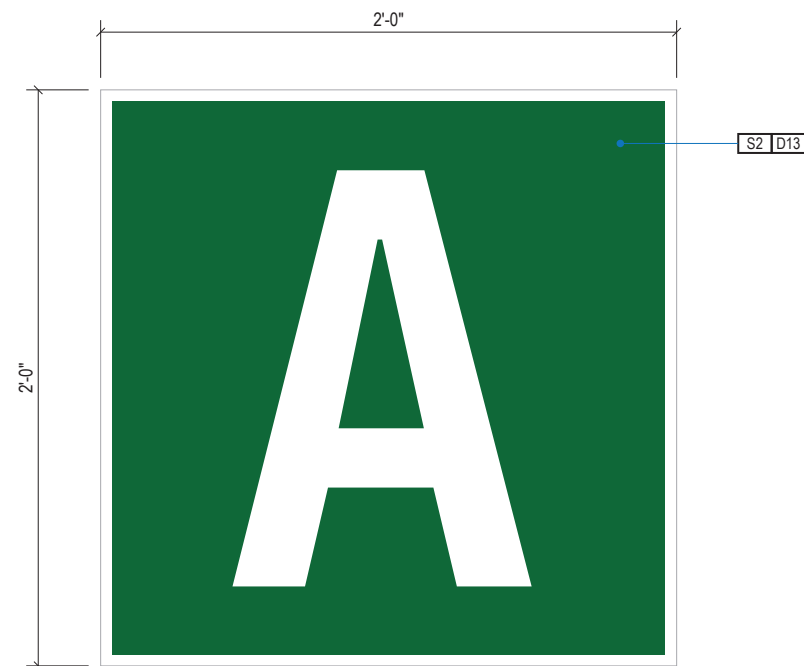
1 FACE LAYOUT: 3t-ID.31

Scale: 1 1/2" = 1'-0"



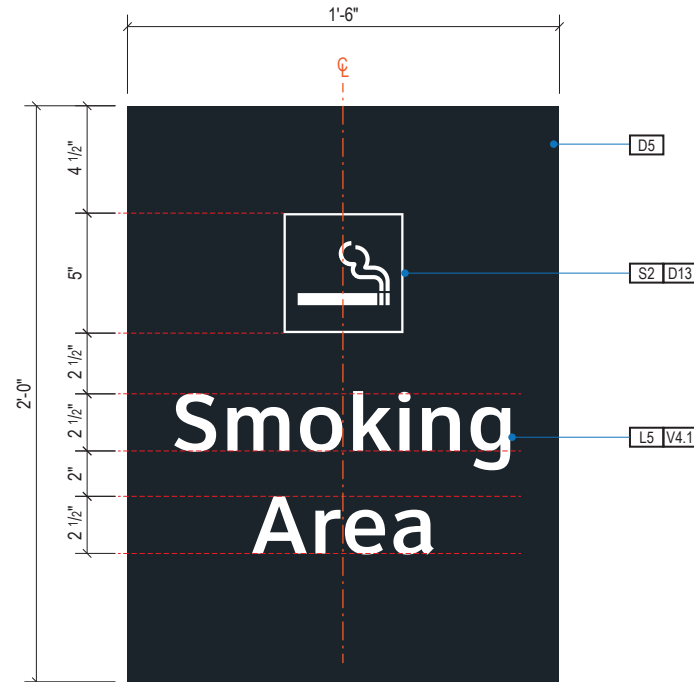
2 FACE LAYOUT: 3t-ID.32

Scale: 1" = 1'-0"



3 FACE LAYOUT: 3t-ID.33

Scale: 1 1/2" = 1'-0"



4 FACE LAYOUT: 3t-ID.34

Scale: 1 1/2" = 1'-0"

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
- S2** Universal Symbols: use only official HAS wayfinding symbols

COLORS:

NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: match PMS 433C
- D13** A Green: PMS 349C



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

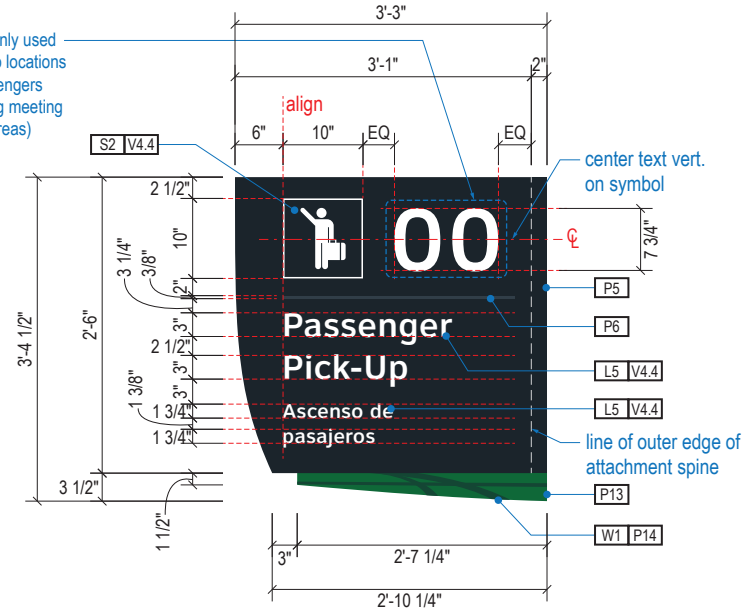
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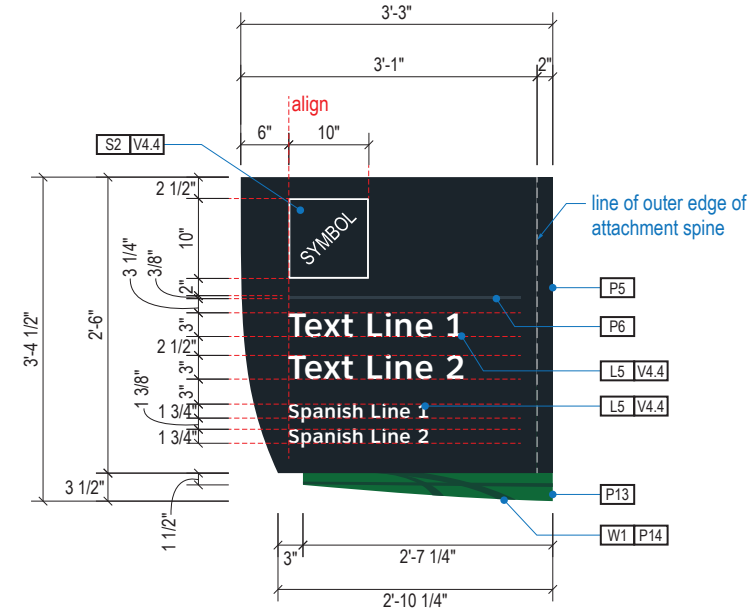
2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-ID.41-S	IDENTIFICATION	FLAG	1-Blade Flag Mount Curbside/Ground Transportation ID with Spanish; 2 sides

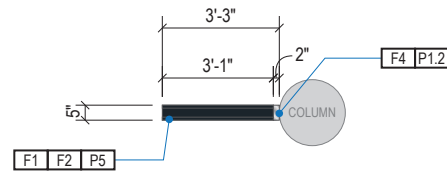
NOTE: Location numbers only used at "Passenger Pick-Up" curb locations (these numbers assist passengers and drivers with coordinating meeting places at designated curb areas)



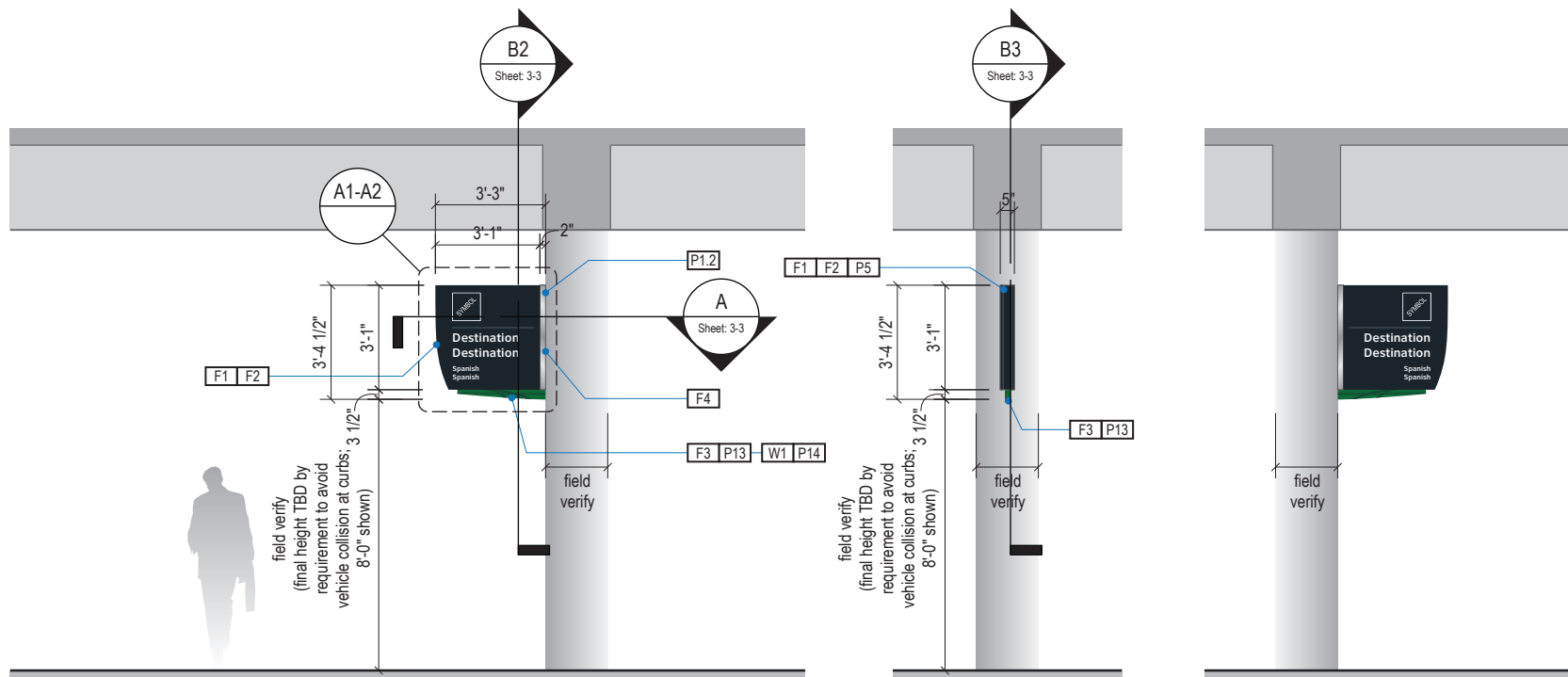
A1 FACE LAYOUT: w/ Passenger Pick-Up Location Number (Typical)
Scale: 1/2" = 1'-0"



A2 FACE LAYOUT: Standard Ground Trans. Location (Typical)
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION: 3t-ID.41-S
Scale: 3/16" = 1'-0"

3 END VIEW
Scale: 3/16" = 1'-0"

4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

GENERAL NOTES

- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): fabricated alum. sign face frames, all seams welded, filled & ground smooth to give uniform appearance; mech. fastened to main support frame unit with hinge at top & countersunk screws along bottom return (paint heads to match) & sealed against moisture for exterior sign locations. use weep holes as req'd; paint all exposed surfaces with MAP paint to match P5, satin finish; sign faces to be internally lit with white LED system; 1st surface background color of panels are opaque (Note: only the white letters, arrows and multi-color/white symbols to show thru/are illuminated); sign faces and main support frame unit cabinet colors must be an exact match
- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** MOUNTING: mechanically fasten sign box to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face where exposed to public view; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.4** White: Translucent white polycarbonate to match V4.1
 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

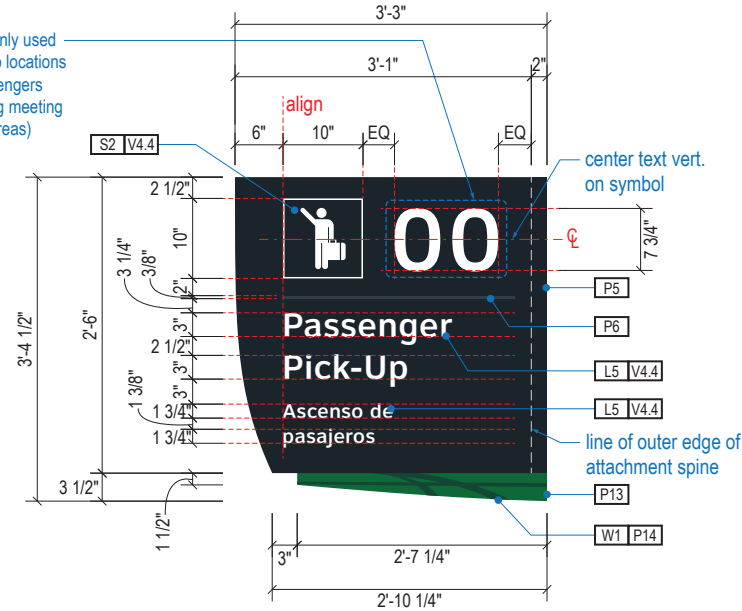
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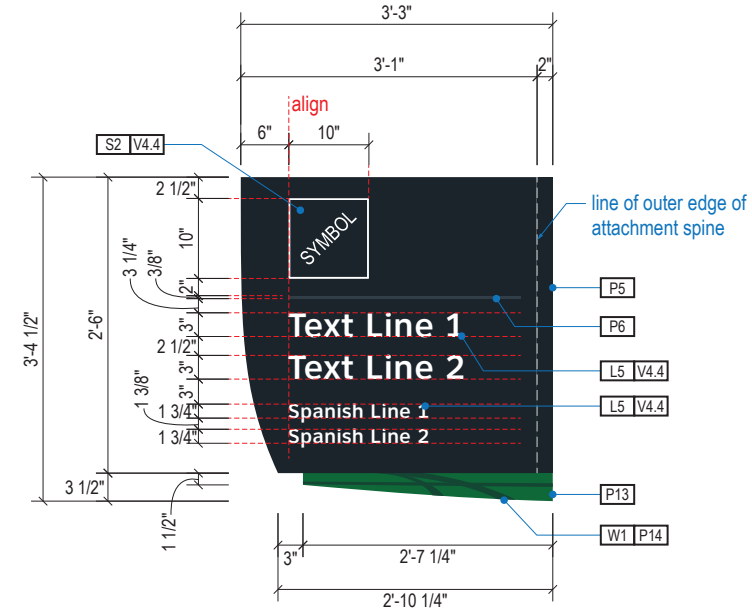
2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
INTERNAL	3-ID.53-S	IDENTIFICATION	FLOOR / POST	1-Blade Floor/Post Mount Curbside/Ground Transportation ID with Spanish; 2 sides

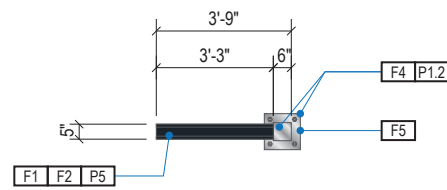
NOTE: Location numbers only used at "Passenger Pick-Up" curb locations (these numbers assist passengers and drivers with coordinating meeting places at designated curb areas)



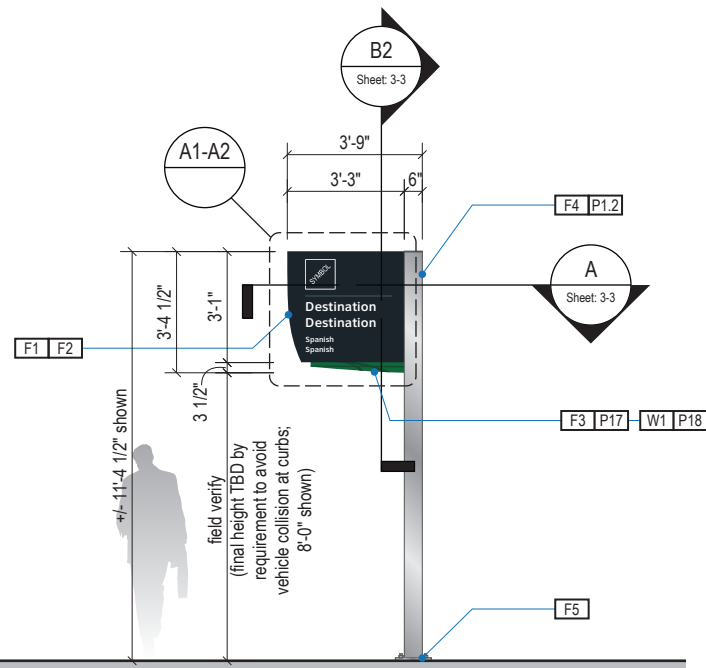
A1 FACE LAYOUT: w/ Passenger Pick-Up Location Number (Typical)
Scale: 1/2" = 1'-0"



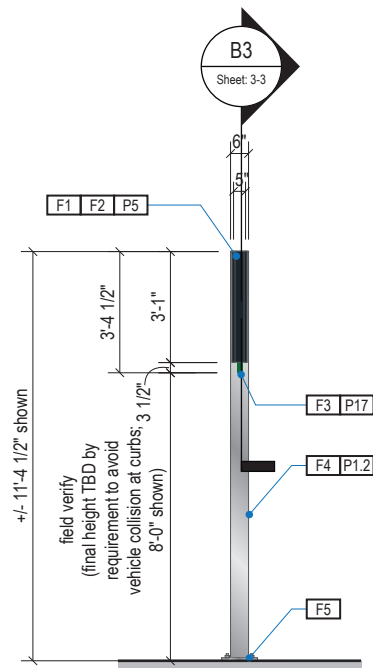
A2 FACE LAYOUT: Standard Ground Trans. Location (Typical)
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

GENERAL NOTES

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DESIGN INTENT NOTES

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- F2** MAIN SUPPORT FRAME UNIT: fabricated structural alum. channel box with internal support as req'd; all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P5, satin finish
- F3** GLOBAL ELEMENT UNIT: fabricated non-illuminated alum. Global Element accent unit; mech. fastened to bottom of main support frame; painted all exposed surfaces, satin finish; watermark to be screen painted, satin finish (Note: use only HAS approved watermark vector art, can be extracted from digital version of this file)
- F4** VERTICAL SUPPORT POST & ATTACHMENT PLATE: structural square alum. post with alum. top cap & structural bottom ground/floor attachment plate, all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P1.2, satin fin.
- F5** MOUNTING: mount vertical support/attachment unit plumb & level with non-corroding mechanical fasteners thru bottom plate to floor/ ground as install loc. cond. req. (field verify, use in-ground/floor footer if required); NOTE: use gasket/coating as req'd to eliminate corrosion at floor/ground and support post attachment plate contact point

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
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 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
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 - P5** Dark Gray: PMS 433C; **P6** Med. Dark Gray: PMS 432C
 - P7.2** Med. Gray: PMS 431C
 - P13** A Green: PMS 349C; **P14** A Watermark: PMS 3435C
 - P1.2** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
REFLECTIVE	3-I.D.53	IDENTIFICATION	FLOOR / POST	Transitional Blade Floor/Post Mount Ground Trans. IDs with Spanish; 2 sides

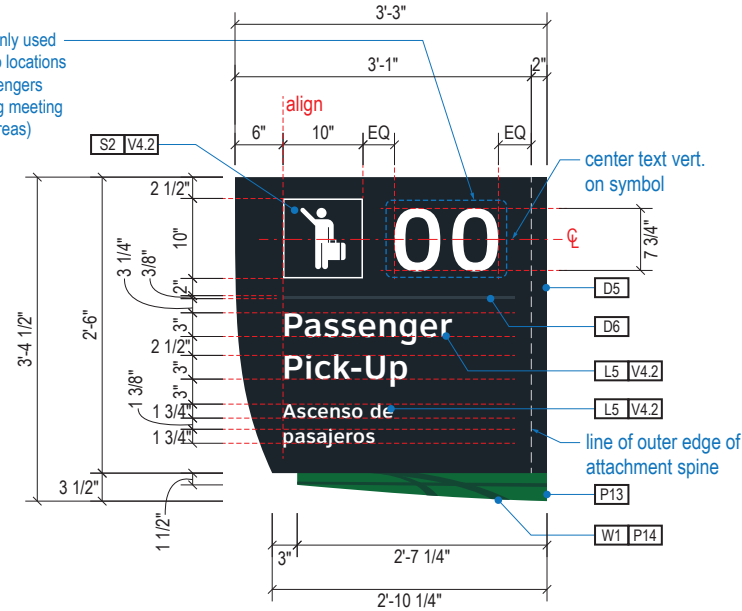
GENERAL NOTES

- All final design, engineering & amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials and fabrication are the responsibility of the Contractor/Fabricator/Installer to ensure the highest quality fit and finish for all components of the completed product. All final detailing and specifications to be provided by the Contractor/Fabricator/Installer within their final approved fabrication-ready shop drawings.
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- Final fabrication methods, quality and fit / finish to be reviewed & approved by HAS and the Wayfinding Design Consultants thru prototype reviews prior to final production run / installation processes.
- Colors shown are for reference only, and are subject to the limitations of the printing process and / or variance of electronic RGB screen displays. Refer to color system swatches and/or final finish samples for accurate reference.
- Messages shown here are typical placeholders only. See message schedules for specific messaging by location and sign type.

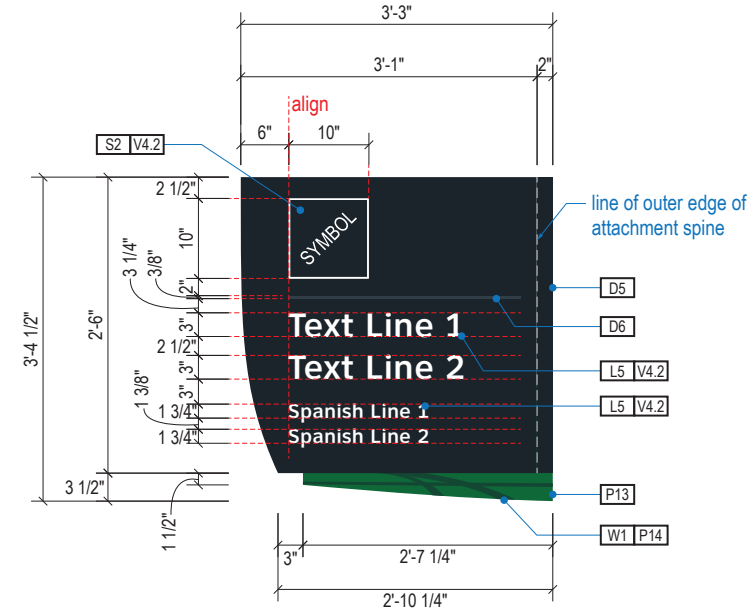
DESIGN INTENT NOTES

- F1** SIGN FACE UNIT(S): alum. panel sign face, mech. fastened with stainless counter-sunk screws (paint heads to match face); paint all exposed surfaces with MAP paint to match P5, satin finish; digital cut reflective film graphics applied to 1st surface of sign face
- F2** SUPPORT FRAME: fabricated structural alum. frame box w/ mitered corners, all seams welded, filled and ground smooth to give uniform appearance; mech. fastened thru frame into vertical support unit; paint all exposed surfaces with MAP paint to match P1.2, satin fin.
- F3** VERTICAL SUPPORT POST & ATTACHMENT PLATE: structural square alum. post with alum. top cap & structural bottom ground/floor attachment plate, all seams welded, filled and ground smooth to give uniform appearance; paint all exposed surfaces with MAP paint to match P1.2, satin fin.
- F4** MOUNTING: mount vertical support/attachment unit plumb & level with non-corroding mechanical fasteners thru bottom plate to floor/ground as install loc. cond. req. (field verify, use in-ground/floor footer if required); NOTE: use gasket/coating as req'd to eliminate corrosion at floor/ground and support post attachment plate contact point

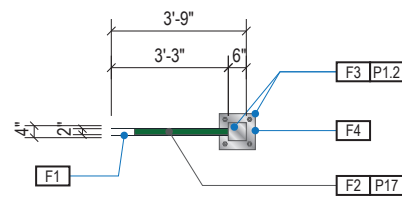
NOTE: Location numbers only used at "Passenger Pick-Up" curb locations (these numbers assist passengers and drivers with coordinating meeting places at designated curb areas)



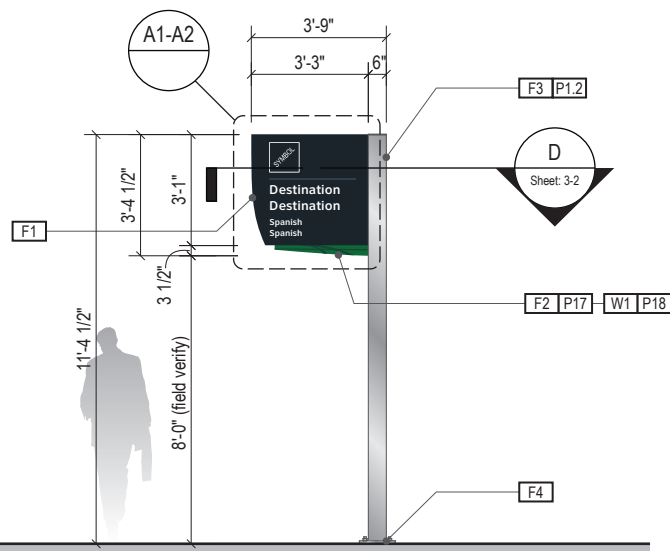
A1 FACE LAYOUT: w/ Passenger Pick-Up Location Number (Typical)
Scale: 1/2" = 1'-0"



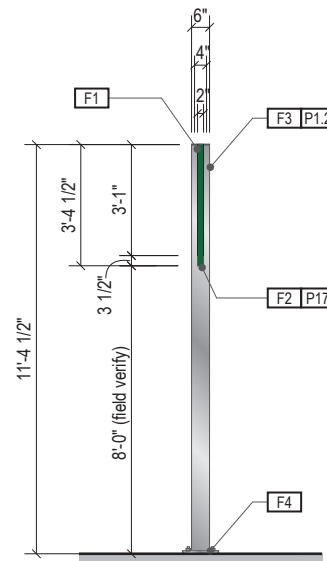
A2 FACE LAYOUT: Standard Ground Trans. Location (Typical)
Scale: 1/2" = 1'-0"



1 PLAN VIEW
Scale: 3/16" = 1'-0"



2 ELEVATION
Scale: 3/16" = 1'-0"



3 END VIEW
Scale: 3/16" = 1'-0"



4 ELEVATION (OPPOSITE SIDE)
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 4090 DG3 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.2** White: 3M 4090 DG3 White Reflective
 - D5** Dark Gray: match PMS 433C
 - D6** Med. Dark Gray: match PMS 432C
 - D17** C Blue: PMS 300C; **D18** C Watermark: PMS 294C
 - P17** C Blue: PMS 300C; **P18** C Watermark: PMS 294C
 - P12** Hardware: MAP #MP33172 Silver Surfer Metallic, satin fin.



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2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

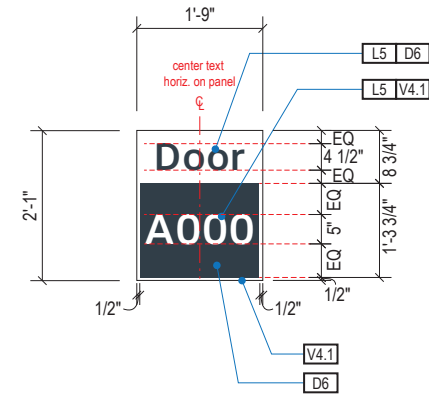
ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	3-ID.71	IDENTIFICATION	DOOR GLASS	Glass Mount Ground Transportation Door ID Badge

GENERAL NOTES

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- Messages shown here are typical placeholders only. See message schedules for specific messaging by location & sign type.

DESIGN INTENT NOTES

- F1** DOOR ID BADGE: graphics to be full-bleed digital print on 3M vinyl film & applied to first surface (exterior) of door glass
- F2** MOUNTING: mount plumb & level to door glass as install location cond. req. (field verify)



A FACE LAYOUT: Typical Messages
Scale: 3/8" = 1'-0"



1 ELEVATION
Scale: 3/16" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - L6** Supplemental Typeface: Clearview One Book Condensed
 - S1** Arrow(s): use only official HAS wayfinding arrows
 - S2** Universal Symbols: use only official HAS wayfinding symbols
 - W1** Watermark Graphic: use only official HAS "globe" vector art (art can be extracted from digital version of this drawing)

COLORS:
NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile

- V4.1** White: 3M 7725-20 White Opaque
- D5** Dark Gray: PMS 433C; **D6** Med. Dark Gray: PMS 432C
- D7.2** Med. Gray: PMS 431C
- D13** A Green: PMS 349C; **D14** A Watermark: PMS 3435C
- D23** Train Yellow: PMS 3965C; **D24** Train Watermark: PMS 3975C



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2.8 DESIGN INTENT - TERMINAL A CURBSIDE: IDENTIFICATION

ILLUMINATION	SIGN TYPE	SIGN FUNCTION	MOUNTING METHOD	GENERAL DESCRIPTION & USE
NON-ILLUMINATED	3t-RG.21 to 3t-RG.24	REGULATORY	WALL	Curbside Regulatory Signage

GENERAL NOTES

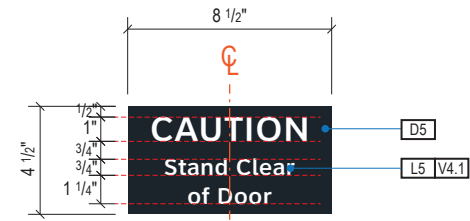
- All final design, engineering & amount/size of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
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DESIGN INTENT NOTES

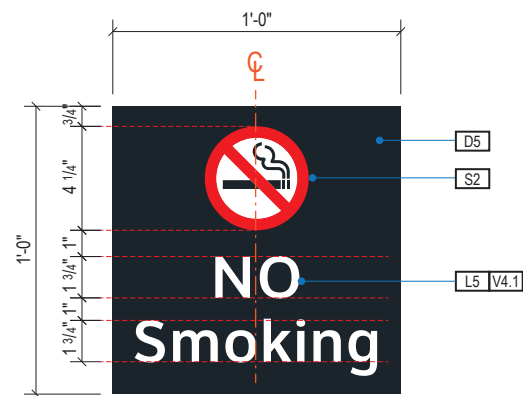
- F1** SIGN FACE UNIT(S): 1/8" thick aluminum sign panel; graphics to be full-bleed digital print on 3M vinyl film & applied to faces
- F2** MOUNTING: mechanically fasten sign panels to wall/beam/soffit with stainless steel tamper-proof mechanical fasteners as install conditions require (Fabricator to field verify), paint heads to match sign face; NOTE: Fabricator to use proper connection gaskets/seals/etc to eliminate corrosion from mounting surface and weather conditions as install location conditions require (Fabricator to field verify)



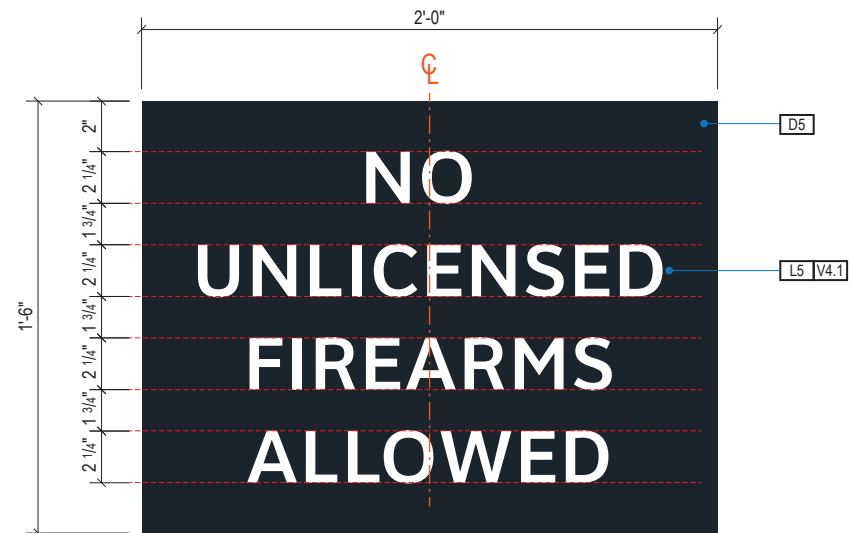
1 FACE LAYOUT: 3t-RG.21
Scale: 1 1/2" = 1'-0"



2 FACE LAYOUT: 3t-RG.22
Scale: 1 1/2" = 1'-0"



3 FACE LAYOUT: 3t-RG.23
Scale: 1 1/2" = 1'-0"



4 FACE LAYOUT: 3t-RG.24
Scale: 1 1/2" = 1'-0"

- LETTERING (TYPEFACES) / SYMBOLS / ARROWS:**
- L5** Pedestrian Wayfinding Typeface: ClearviewText Medium
 - S2** Universal Symbols: use only official HAS wayfinding symbols

- COLORS:**
- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1** White: 3M 7725-20 White Opaque
 - D5** Dark Gray: match PMS 433C
 - D13** A Green: PMS 349C



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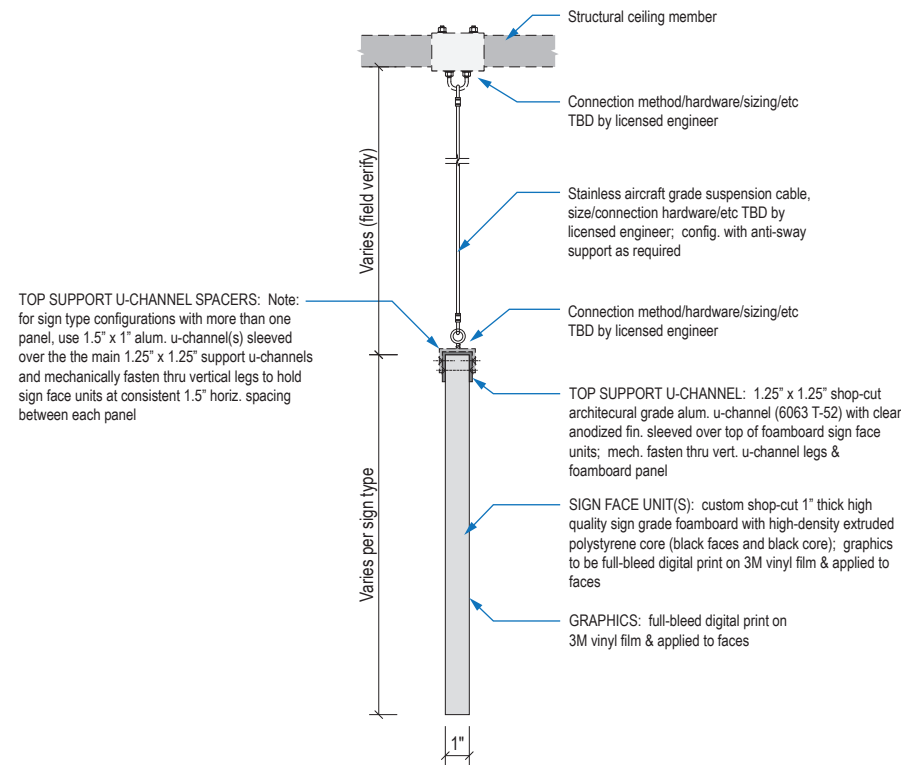


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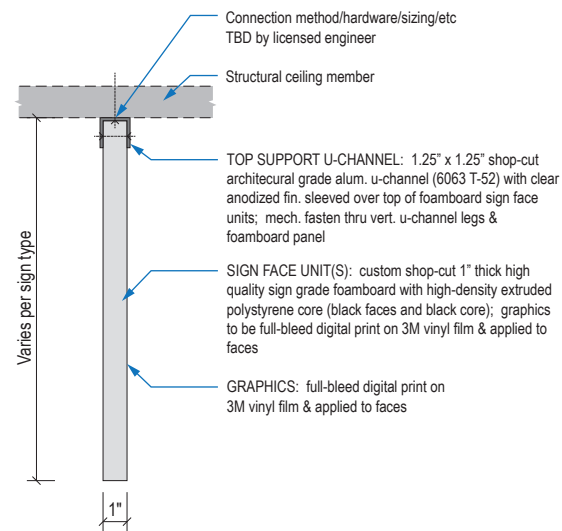
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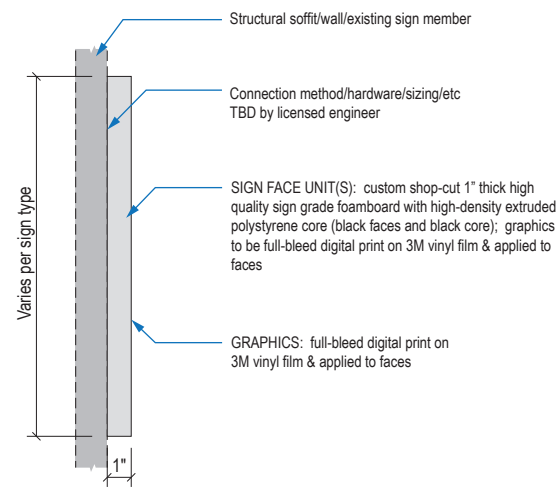
2.9 DESIGN INTENT - TERMINAL A CURBSIDE: REGULATORY



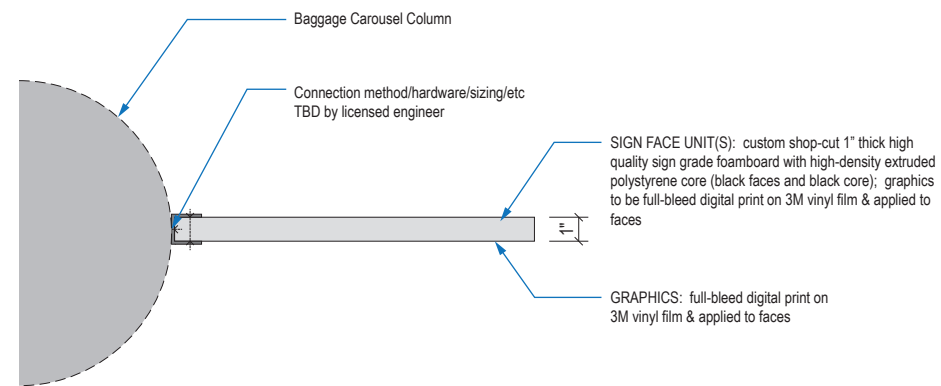
A SECTION CUT DETAIL: Typ. Ceiling Suspended
Scale: 1 1/2" = 1'-0"



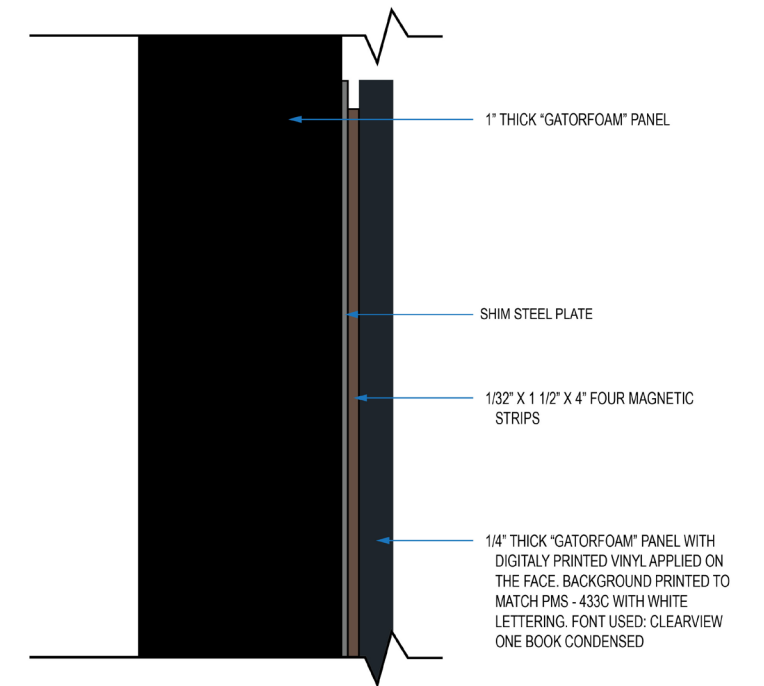
B SECTION CUT DETAIL: Typ. Ceiling Mount (Flush Top)
Scale: 1 1/2" = 1'-0"



C SECTION CUT DETAIL: Typ. Soffit/Wall/Existing Sign Structure Mount
Scale: 1 1/2" = 1'-0"



D SECTION CUT DETAIL: Typ. Flag Mount
Scale: 1 1/2" = 1'-0"



E SIDE VIEW: Magnetic Panel
Scale: N.T.S.

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DESIGN INTENT DETAIL NOTES:

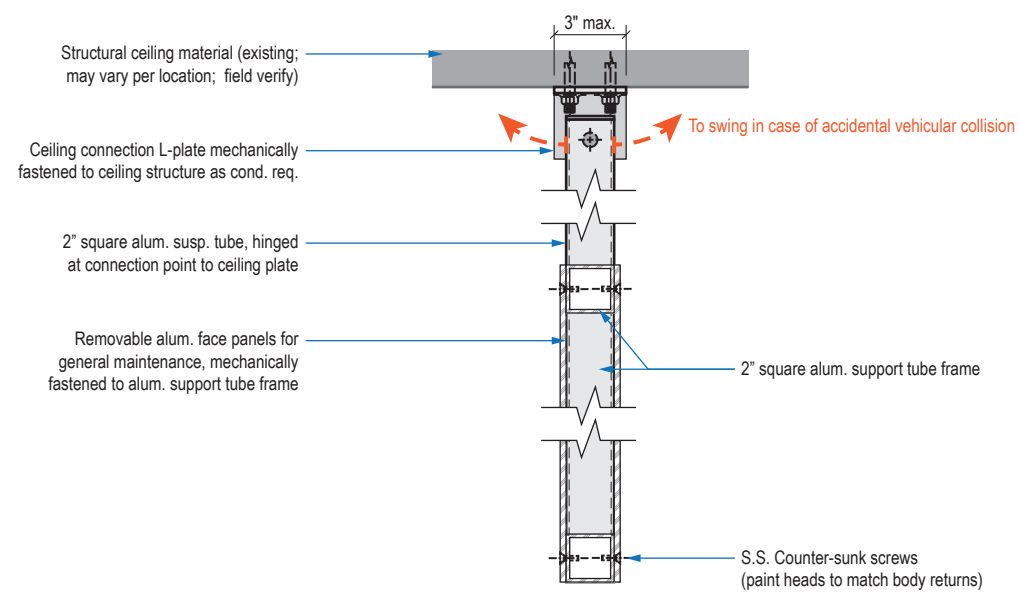
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- Fabricator to provide prototype mock-ups of all fabrication types for each individual sign type for final approval by HAS prior to final fabrication production run & installation.

GENERAL NOTES

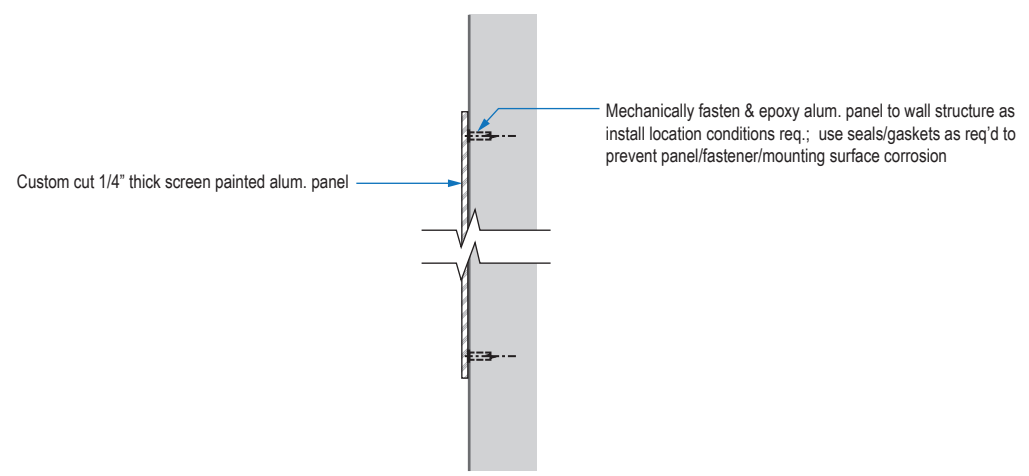
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DESIGN INTENT DETAIL NOTES:

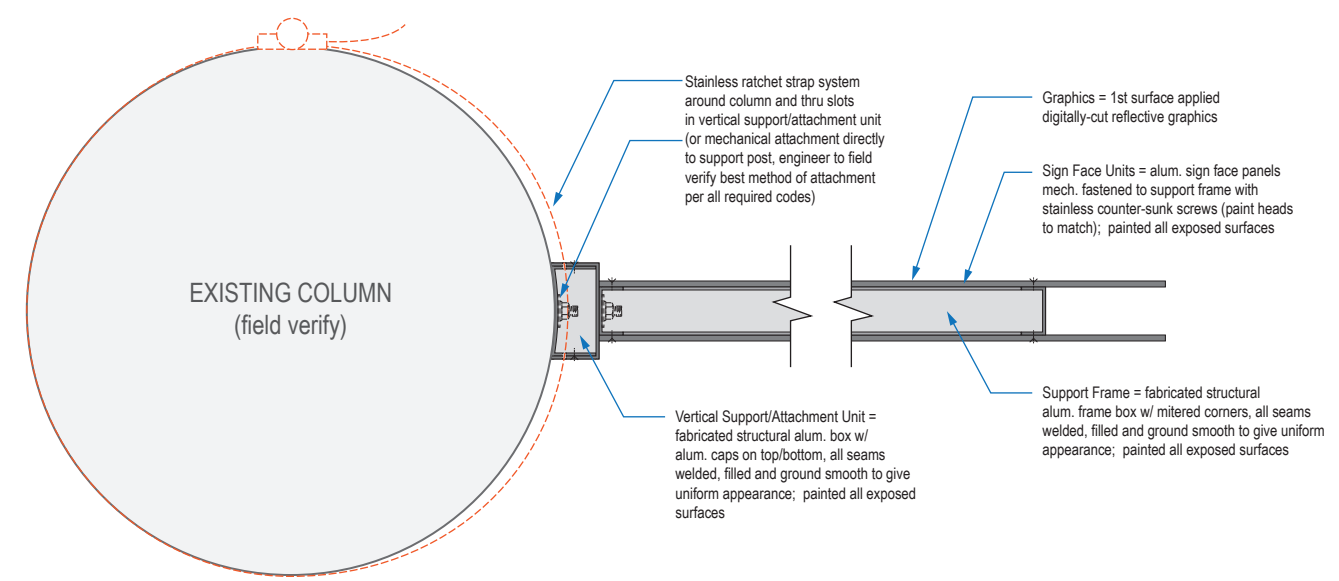
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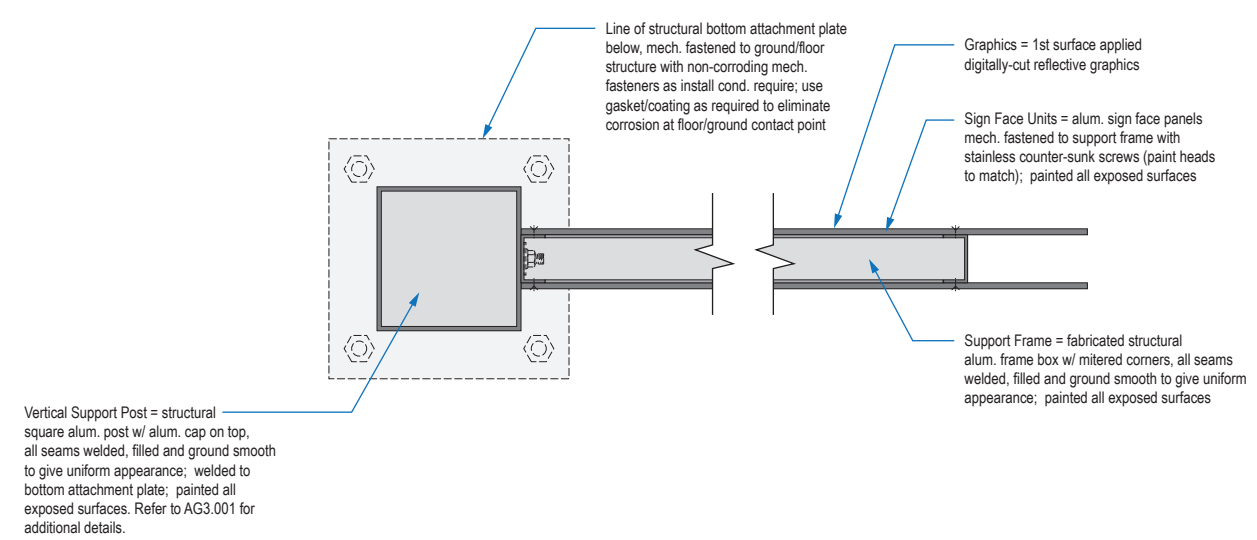
A SECTION CUT DETAIL: Ceiling Suspended
Scale: 1 1/2" = 1'-0"



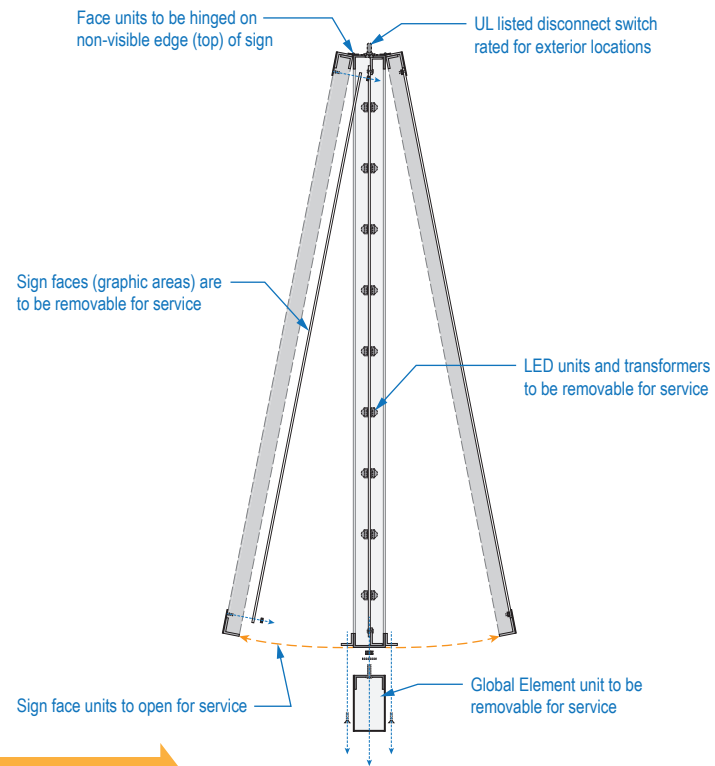
B SECTION CUT DETAIL: Wall Mount
Scale: 1 1/2" = 1'-0"



C SECTION CUT DETAIL: Typical Flag Mount Ground Trans. ID @ Columns
Scale: 1 1/2" = 1'-0"

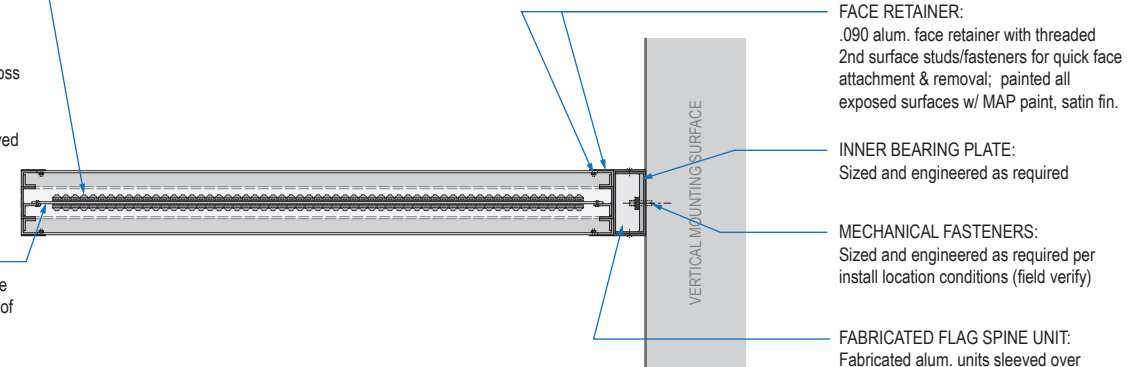


D SECTION CUT DETAIL: Typical Post/Floor Mount Ground Trans. ID
Scale: 1 1/2" = 1'-0"



LED FACE ILLUMINATION MODULES:
Sign grade white LED lighting modules (min. specs to match AGI Light Pro 115 65K-2G3 or approved equal) to cast consistent white color & brightness across faces (no hot/dark spots are allowed); quantity and mounting pattern of LED modules TBD by Fabricator and approved by HAS through mock-up/illumination review process

LED MODULE MOUNTING PANEL:
Center mounted 3mm pre-finished white Dibond panel, pop-riveted at perimeter of panel to alum. angle mounting flanges



A VERT. SECTION CUT DETAIL: Typical Flag Mount Ground Trans. ID @ Columns
Scale: 1 1/2" = 1'-0"

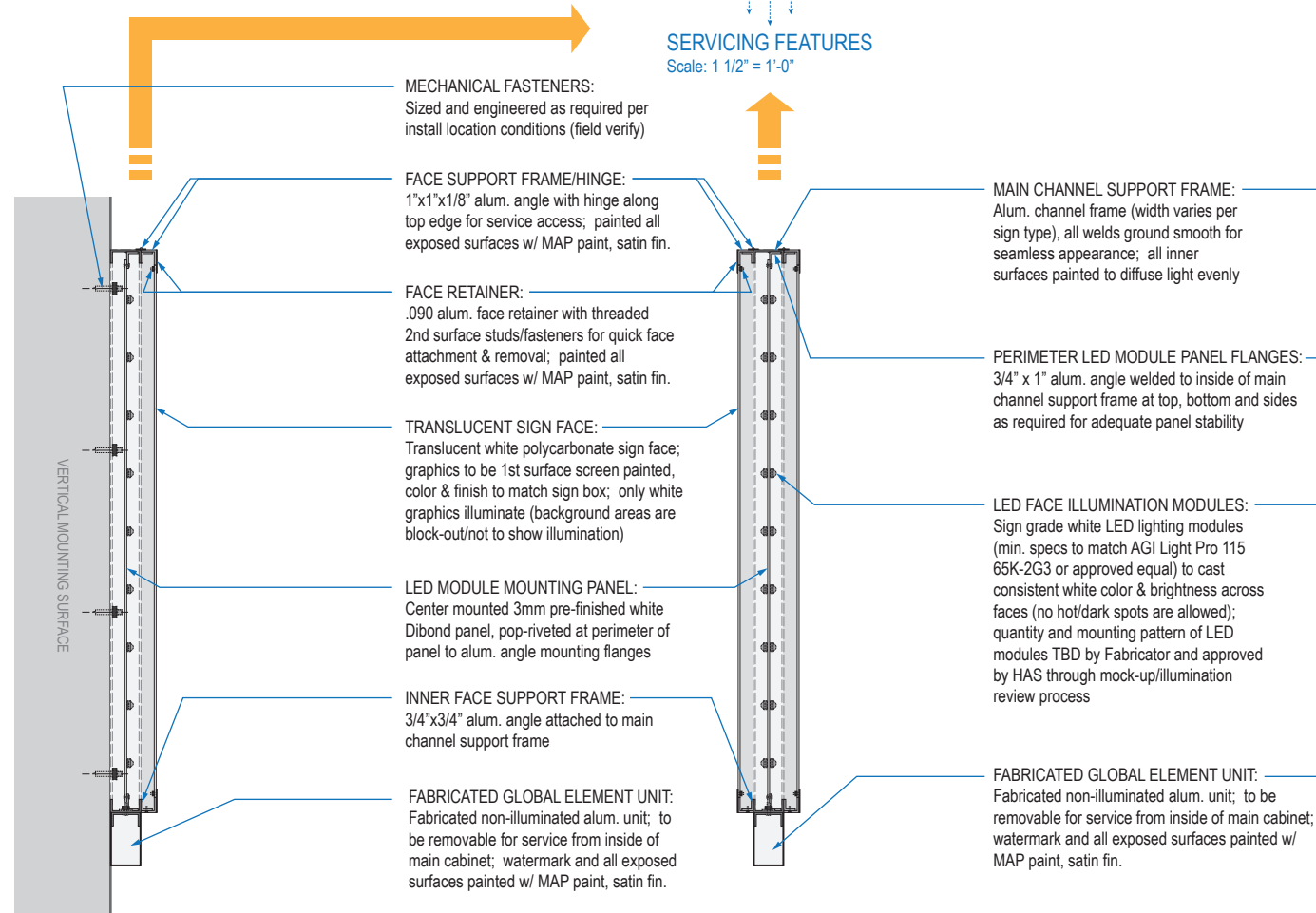
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- Fabricator to provide prototype mock-ups of all fabrication types for each individual sign type for final approval by HAS prior to final fabrication production run & installation.
- All features/engineering for illuminated signage must be rated for exterior locations, including UL rated components/weep holes/etc.

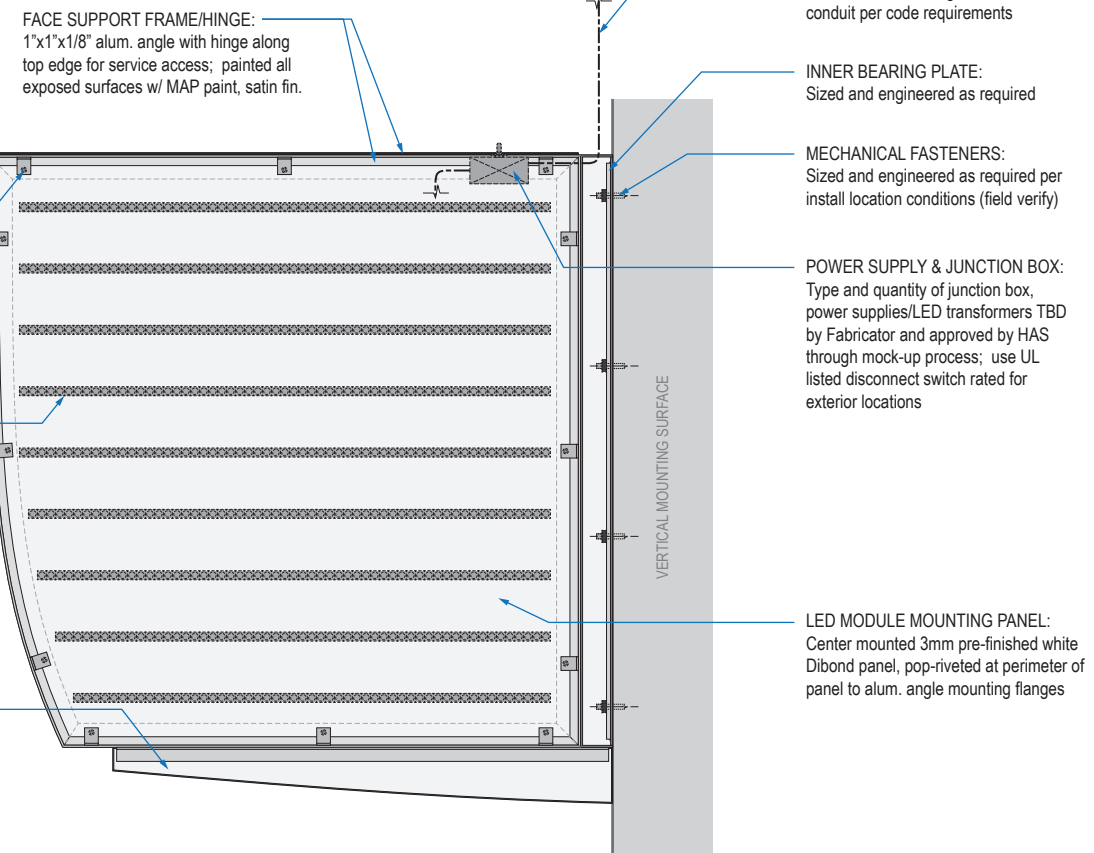
SERVICING FEATURES
Scale: 1 1/2" = 1'-0"



B1 VERT. SECTION CUT DETAIL: Typical Wall Mount (1-Sided)
Scale: 1 1/2" = 1'-0"

B2 VERT. SECTION CUT DETAIL: Typical Flag Mount (2-Sided)
Scale: 1 1/2" = 1'-0"

B3 VERT. SECTION CUT DETAIL: Typical Flag Mount Ground Trans. ID @ Columns
Scale: 1 1/2" = 1'-0"



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3.3 DETAILS - CURBSIDE SIGNS: ILLUMINATED (TYPICAL)

(1 of 1)

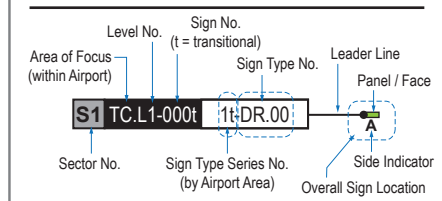
Sheet: 3-3

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
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SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

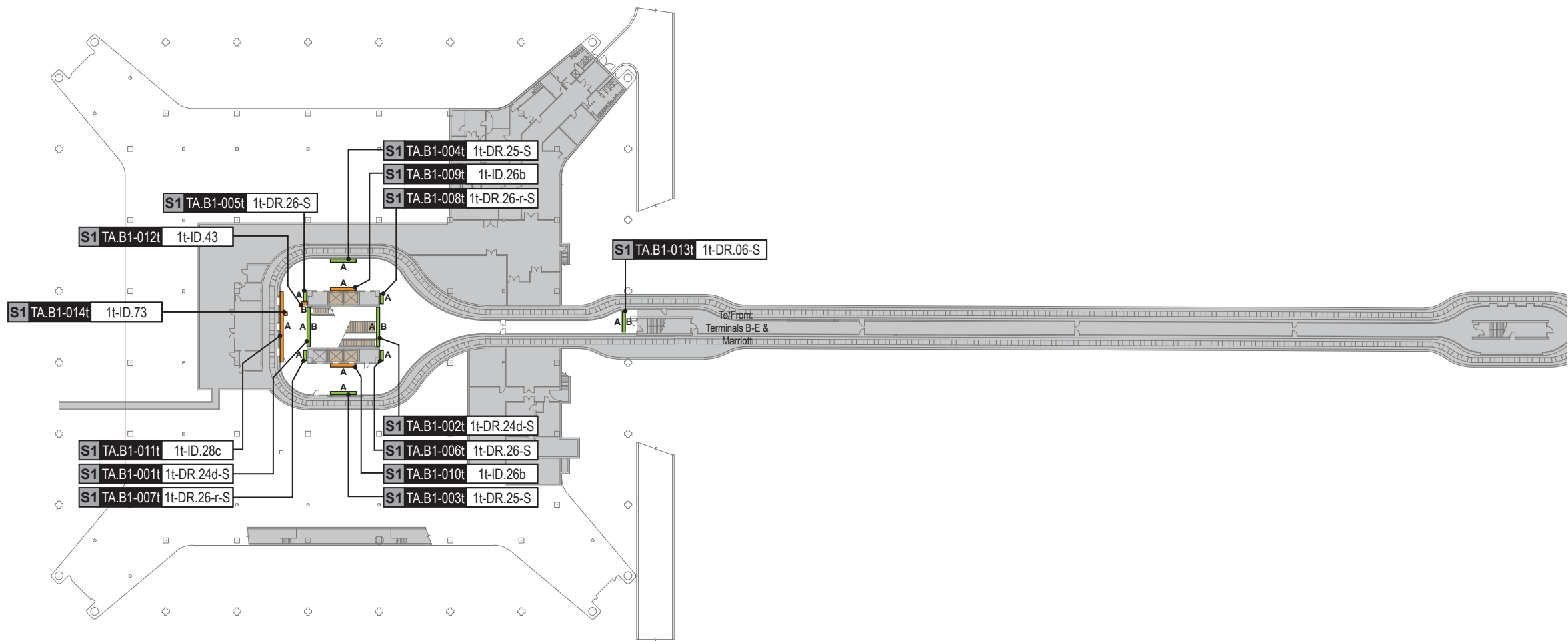
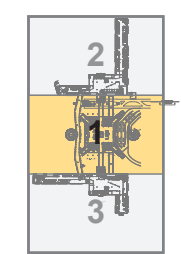
- | | |
|--|---|
| AREA OF FOCUS:
(location within Airport) | SIGN TYPE SERIES NO.:
(by Airport Area) |
| TA = Terminal A | 1- = Terminals/Concourses |
| TB = Terminal B | 1t- = Terminals/Concourses: Transitional |
| TC = Terminal C | 2- = CBP Areas |
| TD = Terminal D | 3- = Curbside/Ground Trans. |
| TE = Terminal E | 4- = Roadways |
| | 5- = Parking |

- WAYFINDING SIGN TYPE:**
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

- | | |
|------------------------------|---|
| WAYFINDING SIGN LOC.: | AREAS: |
| A = Directional (DR) | [Grey Box] = Not In Scope areas |
| B = Identification (ID) | [Brown Box] = Existing public access vertical circulation areas |
| A = Informational (IN) | [Blue Box] = Existing public access restrooms |

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

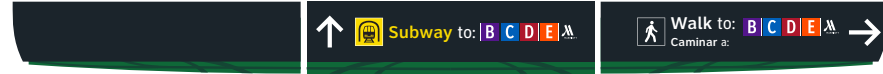


S1 TA.B1-001t 1t-DR.24d-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required

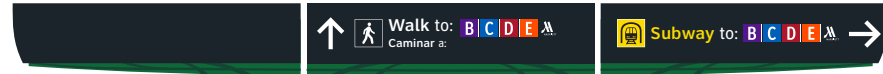
S1 TA.B1-005t 1t-DR.26-S

Side A



S1 TA.B1-002t 1t-DR.24d-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required

S1 TA.B1-006t 1t-DR.26-S

Side A



S1 TA.B1-003t 1t-DR.25-S

Side A



S1 TA.B1-007t 1t-DR.26-r-S

Side A



S1 TA.B1-004t 1t-DR.25-S

Side A



S1 TA.B1-008t 1t-DR.26-r-S

Side A



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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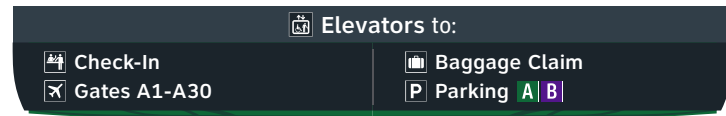
4.2 MESSAGE SCHEDULE - TERMINAL A LEVEL B1: SECTOR 1

(1 of 2)

Sheet: 4-2

S1 TA.B1-009t 1t-ID.26b

Side A



NOTES:

- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

S1 TA.B1-013t 1t-DR.06-S

Side A

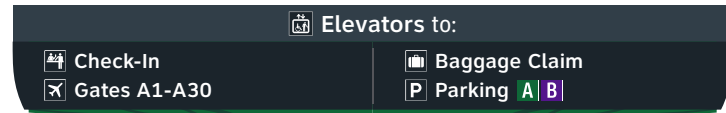


Side B



S1 TA.B1-010t 1t-ID.26b

Side A

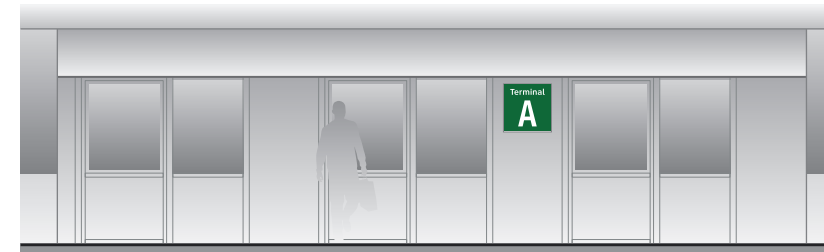


NOTES:

- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

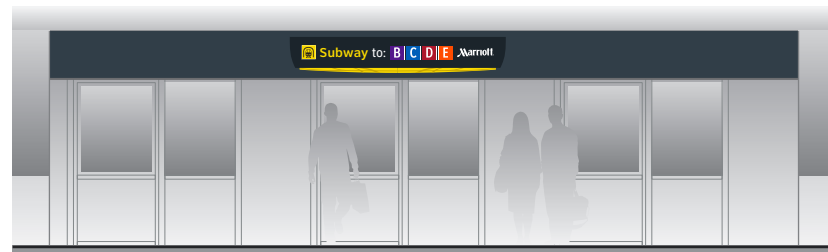
S1 TA.B1-014t 1t-ID.73

Side A



S1 TA.B1-011t 1t-ID.28c

Side A



NOTES:

- Cover or remove existing signs on all sides of existing soffit structure above train entry doors; Fabricator to patch/repair and re-face with opaques required
- Attach new temporary wayfinding sign panel to existing sign face/structure as required; Fabricator to field verify and specify attachment method

END OF LEVEL B1 - SECTOR 1 WAYFINDING SIGN MESSAGES

S1 TA.B1-012t 1t-ID.43

Side A



Side B



NOTES:

- Final AED Symbol TBD by client



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

WARNING:

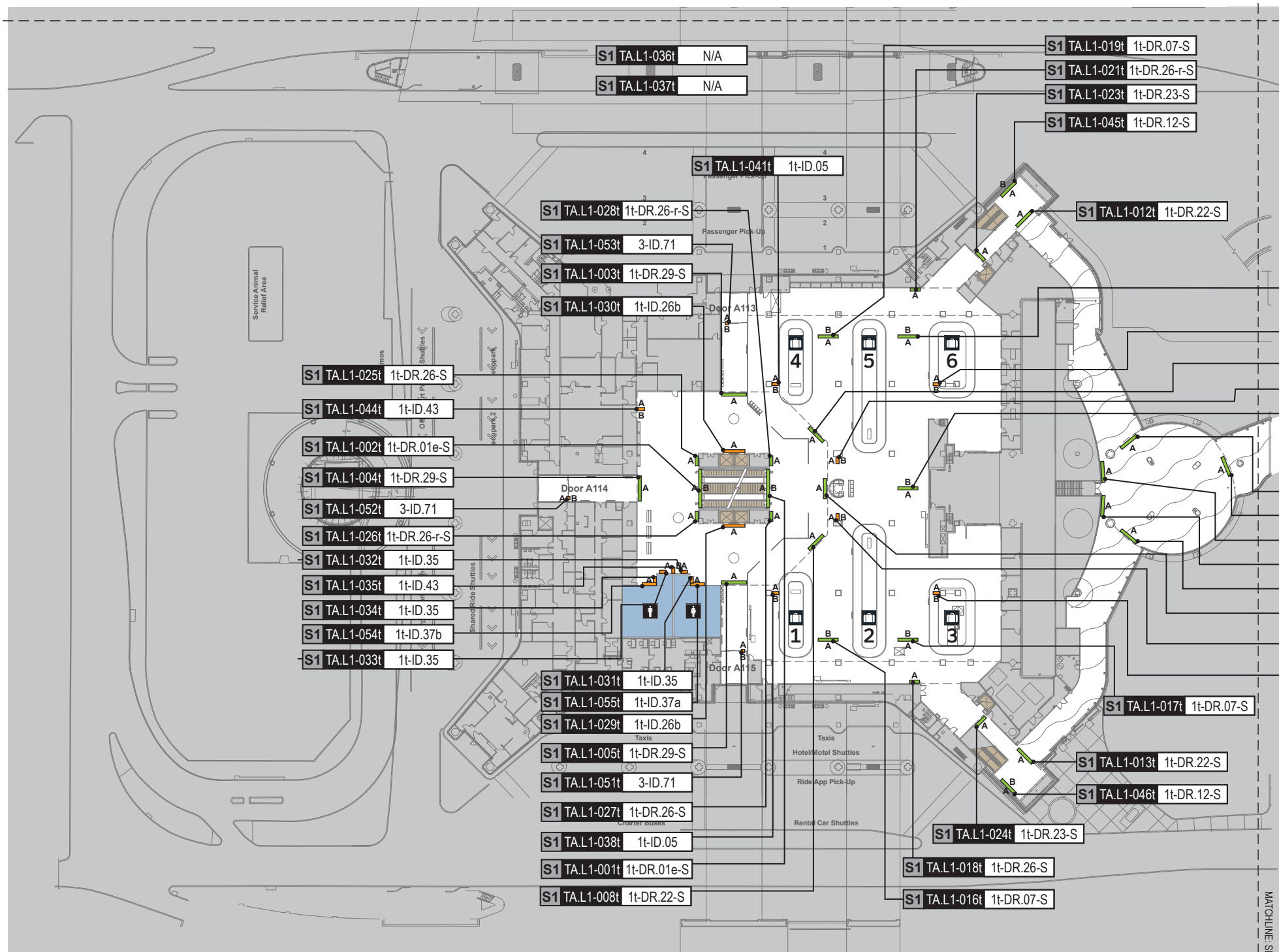
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4.2 MESSAGE SCHEDULE - TERMINAL A LEVEL B1: SECTOR 1

(2 of 2)

Sheet: 4-3

MATCHLINE: SEE PAGE 4-13

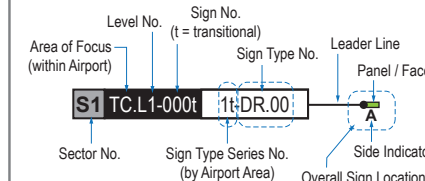


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SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

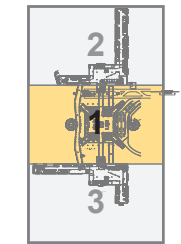
- | | |
|--|---|
| AREA OF FOCUS:
(location within Airport) | SIGN TYPE SERIES NO.:
(by Airport Area) |
| TA = Terminal A | 1- = Terminals/Concourses |
| TB = Terminal B | 1t- = Terminals/Concourses: Transitional |
| TC = Terminal C | 2- = CBP Areas |
| TD = Terminal D | 3- = Curbside/Ground Trans. |
| TE = Terminal E | 4- = Roadways |
| | 5- = Parking |

- WAYFINDING SIGN TYPE:**
- DR.xx = Directional
 - ID.xx = Identification
 - IN.xx = Informational

- | | |
|------------------------------|---|
| WAYFINDING SIGN LOC.: | AREAS: |
| A = Directional (DR) | ■ = Not In Scope areas |
| B = Identification (ID) | ■ = Existing public access vertical circulation areas |
| C = Informational (IN) | ■ = Existing public access restrooms |

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

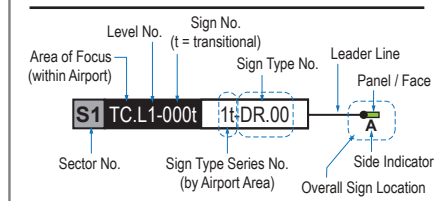


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SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

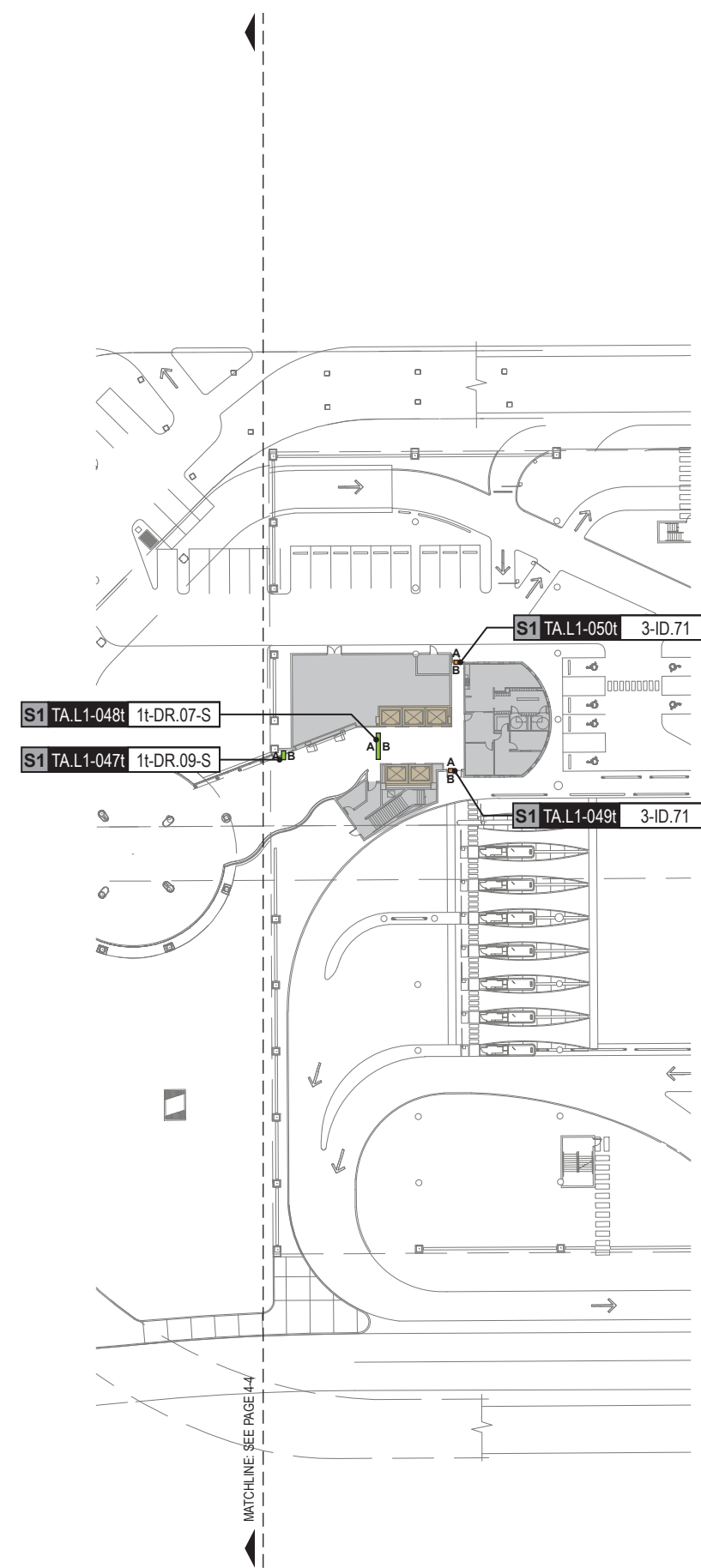
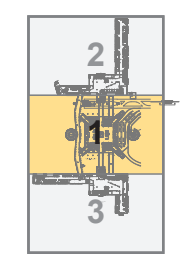
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TE = Terminal E	4- = Roadways
	5- = Parking

WAYFINDING SIGN TYPE:
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

WAYFINDING SIGN LOC.:	AREAS:
A = Directional (DR)	■ = Not In Scope areas
B = Identification (ID)	■ = Existing public access vertical circulation areas
A = Informational (IN)	■ = Existing public access restrooms
B = Informational (IN)	

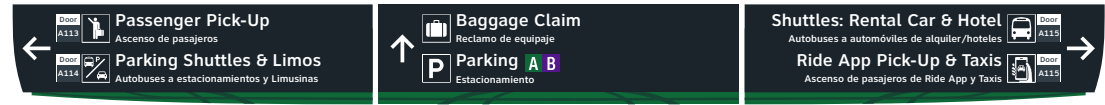
LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

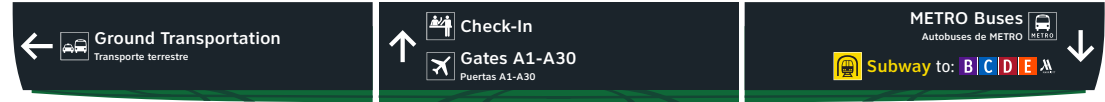


S1 TAL.1-001t 1t-DR.01e-S

Side A



Side B

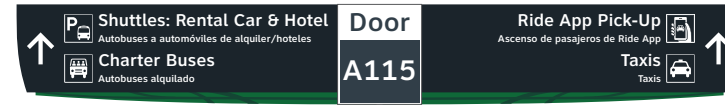


NOTES:

- Remove existing overhead ceiling mount sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to underside of vertical core soffit/ceiling; Fabricator to field verify and specify attachment method

S1 TA.L1-005t 1t-DR.29-S

Side A

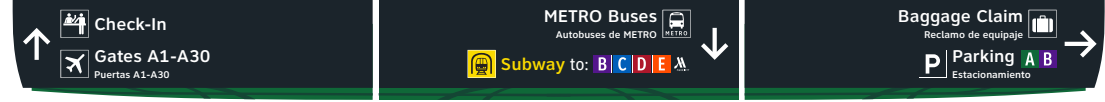


NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method

S1 TAL.1-002t 1t-DR.01e-S

Side A



Side B

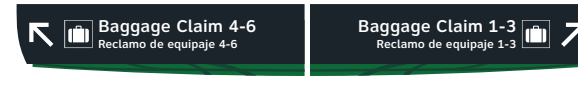


NOTES:

- Remove existing overhead ceiling mount sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to underside of vertical core soffit/ceiling; Fabricator to field verify and specify attachment method

S1 TAL.1-006t 1t-DR.25-S

Side A



NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method

S1 TAL.1-003t 1t-DR.29-S

Side A

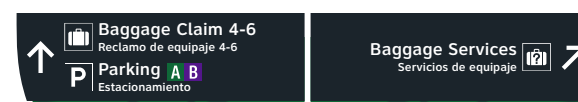


NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method

S1 TAL.1-007t 1t-DR.22-S

Side A



NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method

S1 TAL.1-004t 1t-DR.29-S

Side A



NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method

S1 TAL.1-008t 1t-DR.22-S

Side A



NOTES:

- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit/wall (NOTE: do not block existing air vents or egress exit signs); Fabricator to field verify and specify attachment method



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(1 of 7)

Sheet: 4-6

S1 TAL1-009t 1t-DR.22-S

Side A



NOTES:
- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit; Fabricator to field verify and specify attachment method

S1 TAL1-013t 1t-DR.22-S

Side A



NOTES:
- Remove existing wayfinding sign on escalator rail; Fabricator to patch/repair as required

S1 TAL1-010t 1t-DR.25-S

Side A



NOTES:
- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit; Fabricator to field verify and specify attachment method

S1 TAL1-014t 1t-DR.25d-r-S

Side A



NOTES:
- Remove existing ceiling mount wayfinding sign over stair core entrance; fabricator to patch/repair as required
- Contractor to provide additional magnetic airline rectangle panels. Confirm qty. with owner
- Provide magnetic strips and shim steel plate at airline rectangle panels

S1 TAL1-011t 1t-DR.22-S

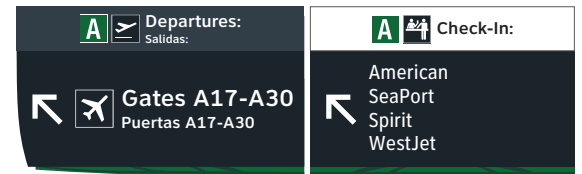
Side A



NOTES:
- Remove existing wayfinding sign; Fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit; Fabricator to field verify and specify attachment method

S1 TAL1-015t 1t-DR.25d-S

Side A



NOTES:
- Remove existing ceiling mount wayfinding sign over stair core entrance; fabricator to patch/repair as required
- Contractor to provide additional magnetic airline rectangle panels. Confirm qty. with owner
- Provide magnetic strips and shim steel plate at airline rectangle panels

S1 TAL1-012t 1t-DR.22-S

Side A



NOTES:
- Remove existing wayfinding sign; fabricator to patch/repair as required
- Attach new temporary wayfinding sign panels to overhead soffit; fabricator to field verify and specify attachment method

S1 TAL1-016t 1t-DR.07-S

Side A



Side B



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(2 of 7)

Sheet: 4-7

S1 TAL1-017t 1t-DR.07-S

Side A



Side B



S1 TAL1-018t 1t-DR.26-S

Side A



S1 TAL1-019t 1t-DR.07-S

Side A



Side B



S1 TAL1-020t 1t-DR.07-S

Side A



Side B



S1 TAL1-021t 1t-DR.26-r-S

Side A



S1 TAL1-022t 1t-DR.07-S

Side A

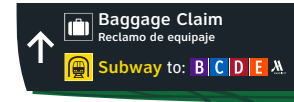


Side B



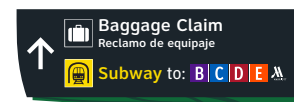
S1 TAL1-023t 1t-DR.23-S

Side A



S1 TAL1-024t 1t-DR.23-S

Side A



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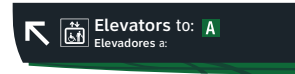
4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(3 of 7)

Sheet: 4-8

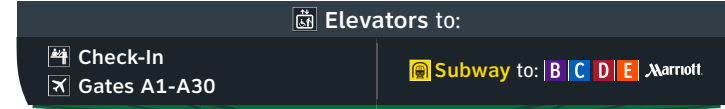
S1 TAL1-025t 1t-DR.26-S

Side A



S1 TA.L1-029t 1t-ID.26b

Side A



NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

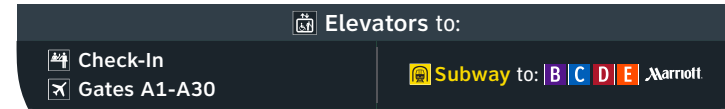
S1 TAL1-026t 1t-DR.26-r-S

Side A



S1 TAL1-030t 1t-ID.26b

Side A



NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

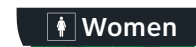
S1 TAL1-027t 1t-DR.26-S

Side A



S1 TA.L1-031t 1t-ID.35

Side A



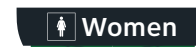
S1 TAL1-028t 1t-DR.26-r-S

Side A



S1 TA.L1-032t 1t-ID.35

Side A



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(4 of 7)

Sheet: 4-9

S1 TA.L1-033t 1t-ID.35

Side A



S1 TA.L1-034t 1t-ID.35

Side A



S1 TA.L1-035t 1t-ID.43

Side A



Side B



S1 TA.L1-036t N/A

NOT USED

S1 TA.L1-037t N/A

NOT USED

S1 TA.L1-038t 1t-ID.05

Side A



Side B



S1 TA.L1-039t 1t-ID.05

Side A



Side B



S1 TA.L1-040t 1t-ID.05

Side A



Side B



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4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(5 of 7)

Sheet: 4-10

S1 TAL1-041t 1t-ID.05

Side A



Side B



S1 TAL1-042t 1t-ID.05

Side A



Side B



S1 TAL1-043t 1t-ID.05

Side A



Side B



S1 TAL1-044t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client

S1 TA.L1-045t 1t-DR.12-S

Side A



Side B



NOTES:
- Remove existing wayfinding sign on escalator rail; fabricator to patch/repair as required

S1 TAL1-046t 1t-DR.12-S

Side A



Side B



NOTES:
- Remove existing wayfinding sign on escalator rail; fabricator to patch/repair as required

S1 TAL1-047t 1t-DR.09-S

Side A



Side B



S1 TAL1-048t 1t-DR.07-S

Side A



Side B



S1 TAL.1-049t 3-ID.71

Side A

Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.L1-053t 3-ID.71

Side A

Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

S1 TAL.1-050t 3-ID.71

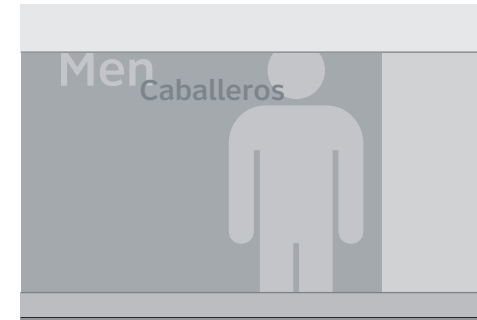
Side A

Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

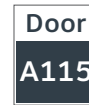
S1 TAL.1-054t 1t-ID.37b



S1 TAL.1-051t 3-ID.71

Side A

Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.L1-055t 1t-ID.37a



S1 TAL.1-052t 3-ID.71

Side A

Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

END OF LEVEL 1 - SECTOR 1 WAYFINDING SIGN MESSAGES



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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4.4 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 1

(7 of 7)

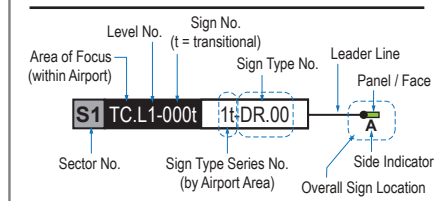
Sheet: 4-12

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities / property-line / other existing signage interferences & must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to the sign locations shown in these drawings must be documented by the Fabricator/Installer, and provided to project staff & Wayfinding Design Consultants for final approval.

NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are NOT IN SCOPE for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

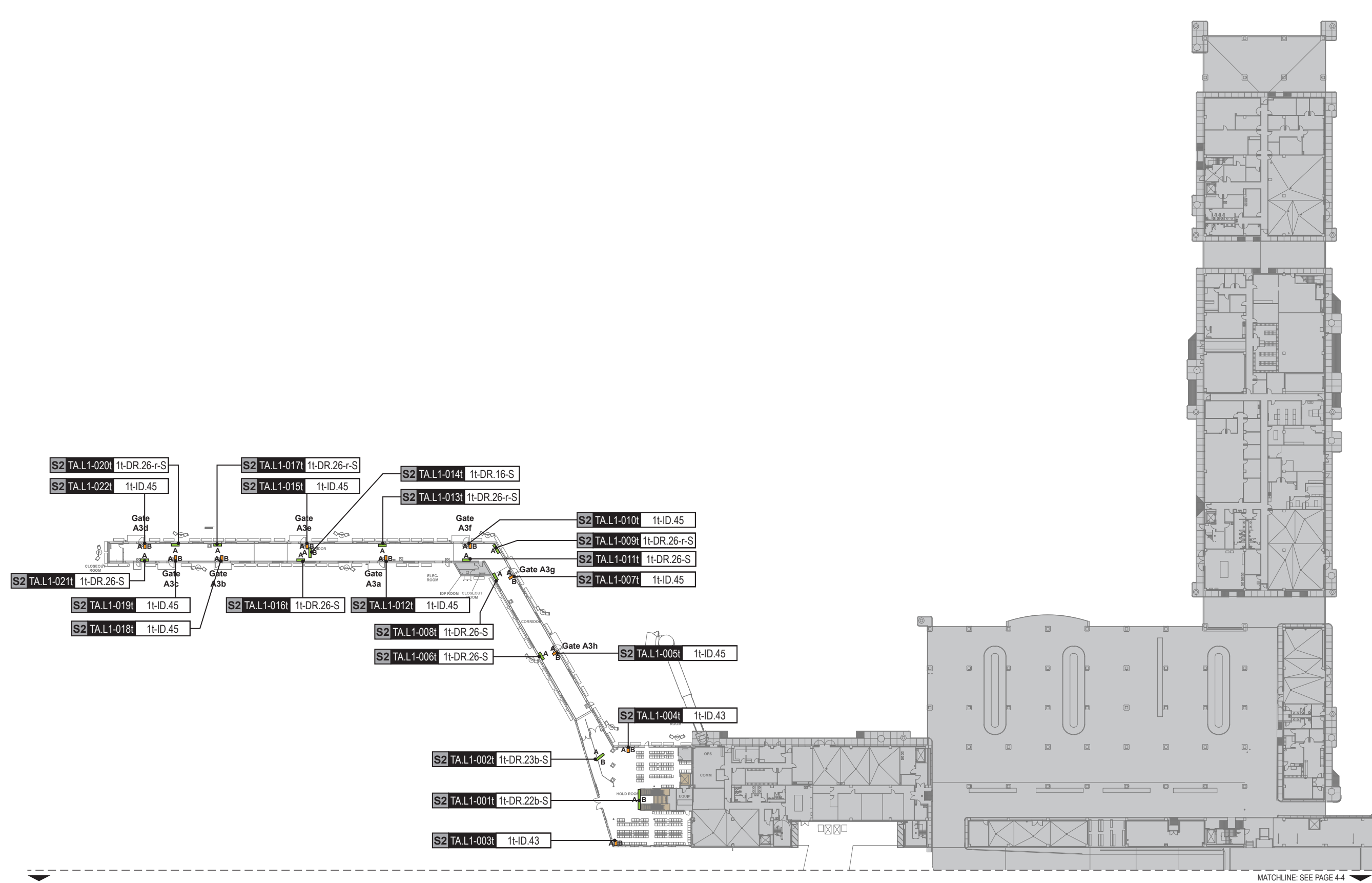
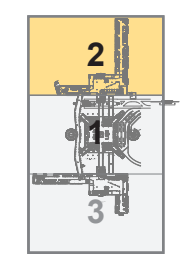
- | | |
|--|---|
| AREA OF FOCUS:
(location within Airport) | SIGN TYPE SERIES NO.:
(by Airport Area) |
| TA = Terminal A | 1- = Terminals/Concourses |
| TB = Terminal B | 1t- = Terminals/Concourses: Transitional |
| TC = Terminal C | 2- = CBP Areas |
| TD = Terminal D | 3- = Curbside/Ground Trans. |
| TE = Terminal E | 4- = Roadways |
| | 5- = Parking |

- WAYFINDING SIGN TYPE:**
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

- | | |
|------------------------------|---|
| WAYFINDING SIGN LOC.: | AREAS: |
| A = Directional (DR) | Not In Scope areas |
| B = Identification (ID) | Existing public access vertical circulation areas |
| A/B = Informational (IN) | Existing public access restrooms |

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)



MATCHLINE: SEE PAGE 4-4

S2 TAL1-001t 1t-DR.22b-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify

S2 TA.L1-005t 1t-ID.45

Side A



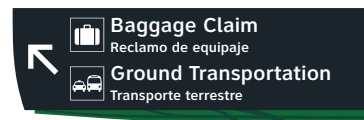
Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL1-002t 1t-DR.23b-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify

S2 TA.L1-006t 1t-DR.26-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign

S2 TAL1-003t 1t-ID.43

Side A



Side B



NOTES:
- Field verify location
- Remove existing signs if applicable

S2 TAL1-007t 1t-ID.45

Side A



Side B



NOTES:
- Remove existing signs and install new interim sign

S2 TAL1-004t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client
- Field verify location
- Remove existing signs if applicable

S2 TA.L1-008t 1t-DR.26-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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4.6 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 2

(1 of 3)

Sheet: 4-14

S2 TAL.1-009t 1t-DR.26-r-S

Side A



NOTES:
- Remove existing sign and install new interim sign

S2 TA.L1-013t 1t-DR.26-r-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign

S2 TAL.1-010t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL.1-014t 1t-DR.16-S

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL.1-011t 1t-DR.26-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign

S2 TA.L1-015t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL.1-012t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TA.L1-016t 1t-DR.26-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign



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4.6 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 2

(2 of 3)

Sheet: 4-15

S2 TAL1-017t 1t-DR.26-r-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign

S2 TA.L1-021t 1t-DR.26-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign

S2 TAL1-018t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL1-022t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

END OF LEVEL 1 - SECTOR 2 WAYFINDING SIGN MESSAGES

S2 TAL1-019t 1t-ID.45

Side A

Side B



NOTES:
- Remove existing sign and install new interim sign

S2 TAL1-020t 1t-DR.26-r-S

Side A



NOTES:
- Remove existing sign (if applicable) and install new interim sign



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Terminal A - Transitional Signage

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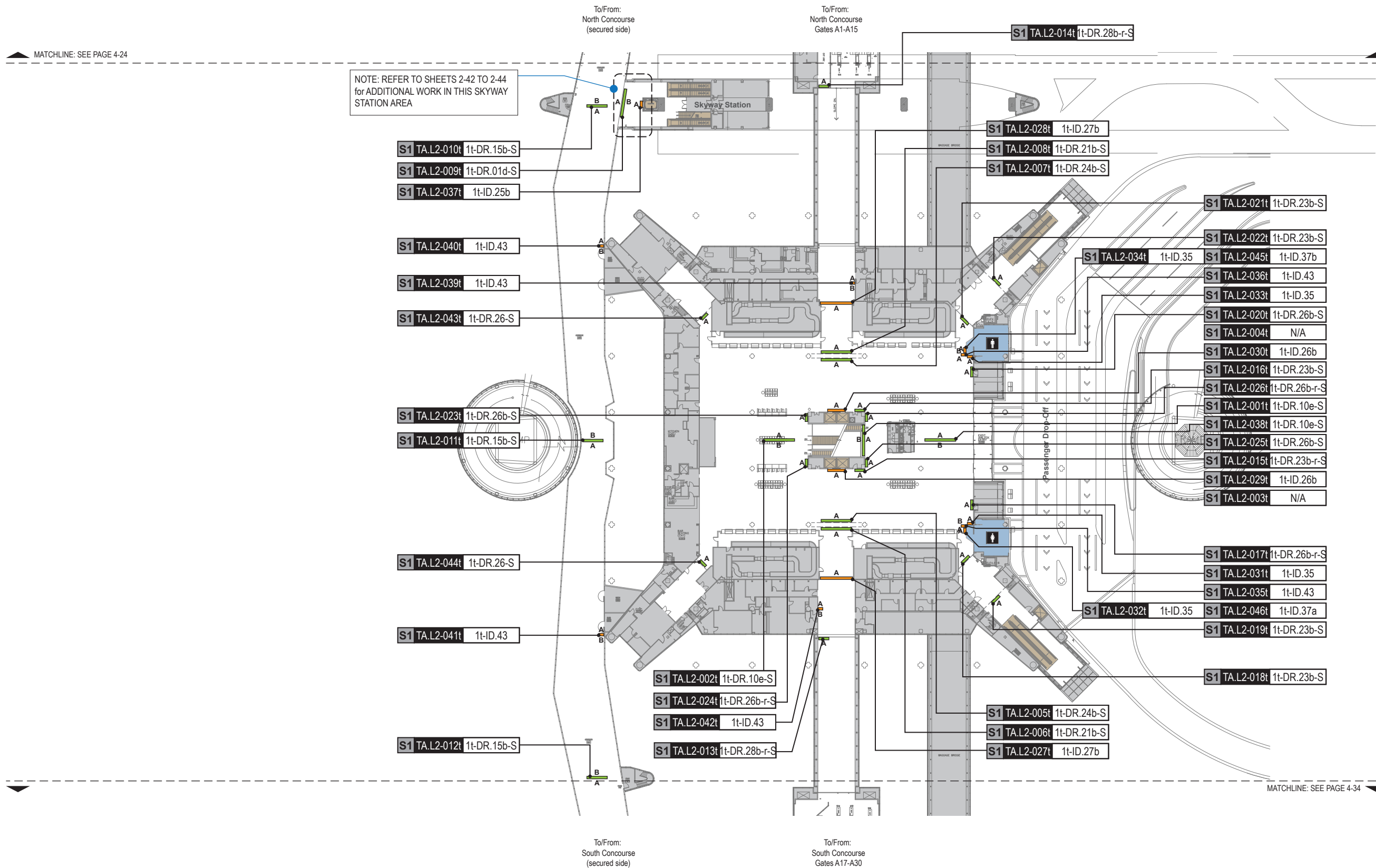
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4.6 MESSAGE SCHEDULE - TERMINAL A LEVEL 1: SECTOR 2

(3 of 3)

Sheet: 4-16

NOTE: REFER TO SHEETS 2-41, 2-42 and 2-44 for ADDETAIL E/3-1 FOR MAGNETIC PANEL DETAIL

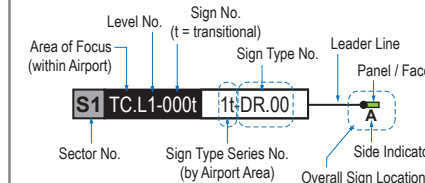


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NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are NOT IN SCOPE for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

- | | |
|---|--|
| AREA OF FOCUS:
(location within Airport) | SIGN TYPE SERIES NO.:
(by Airport Area) |
| TA = Terminal A | 1- = Terminals/Concourses |
| TB = Terminal B | 1t- = Terminals/Concourses: Transitional |
| TC = Terminal C | 2- = CBP Areas |
| TD = Terminal D | 3- = Curbside/Ground Trans. |
| TE = Terminal E | 4- = Roadways |
| | 5- = Parking |

WAYFINDING SIGN TYPE:

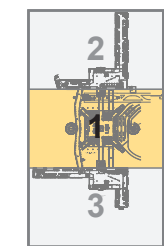
- DR.xx = Directional
- ID.xx = Identification
- IN.xx = Informational

WAYFINDING SIGN LOC.:

- | | | |
|---|-----------------------|---|
| A | = Directional (DR) | Not In Scope areas |
| B | = Identification (ID) | Existing public access vertical circulation areas |
| A | = Informational (IN) | Existing public access restrooms |
| B | | |

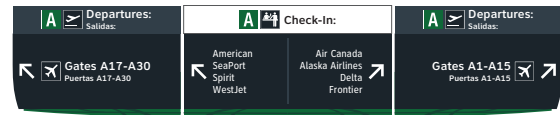
LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

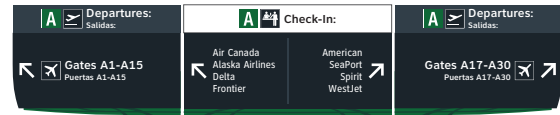


S1 TA.L2-001t 1t-DR.10e-S

Side A



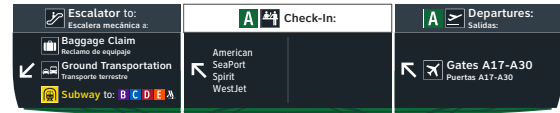
Side B



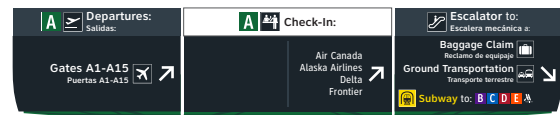
NOTES:
- Remove existing ceiling suspended wayfinding sign; fabricator to patch/repair as required
- Fabricator to field verify
- Contractor to provide additional magnetic airline rectangle panels. Confirm qty. with owner
- Provide magnetic strips and shim steel plate at airline rectangle panels
- NOTE: use u-channel along top edges for additional support if teh cantilever of new temp. faces is too far for adequate attachment

S1 TA.L2-002t 1t-DR.10e-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; fabricator to patch/repair as required
- Fabricator to field verify
- Contractor to provide additional magnetic airline rectangle panels. Confirm qty. with owner
- Provide magnetic strips and shim steel plate at airline rectangle panels
- NOTE: use u-channel along top edges for additional support if teh cantilever of new temp. faces is too far for adequate attachment

S1 TA.L2-003t N/A

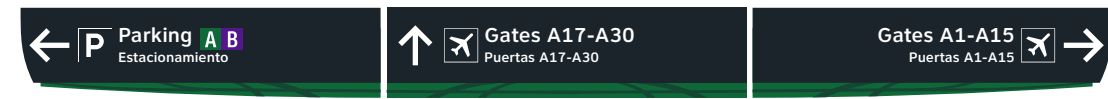
NOT USED

S1 TA.L2-004t N/A

NOT USED

S1 TA.L2-005t 1t-DR.24b-S

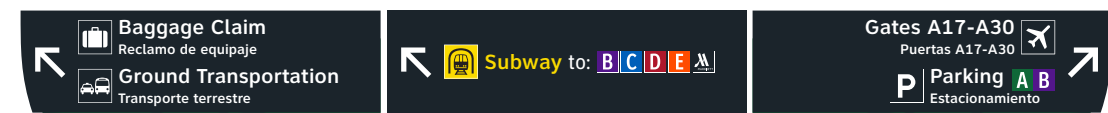
Side A



NOTES:
- Attach new temporary wayfinding sign panels above existing FID structure as required; fabricator to field verify and specify attachment method
- Fabricator to protect existing structure as required

S1 TA.L2-006t 1t-DR.21b-S

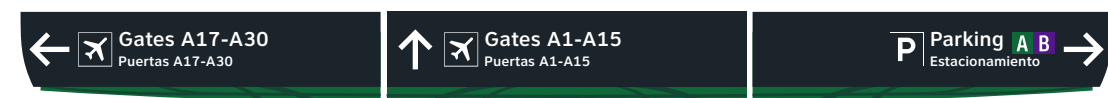
Side A



NOTES:
- Attach new temporary wayfinding sign panels above existing FID structure as required; fabricator to field verify and specify attachment method
- Fabricator to protect existing structure as required

S1 TA.L2-007t 1t-DR.24b-S

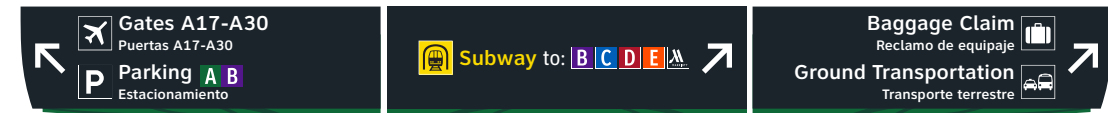
Side A



NOTES:
- Attach new temporary wayfinding sign panels above existing FID structure as required; fabricator to field verify and specify attachment method
- Fabricator to protect existing structure as required

S1 TA.L2-008t 1t-DR.21b-S

Side A



NOTES:
- Attach new temporary wayfinding sign panels above existing FID structure as required; fabricator to field verify and specify attachment method
- Fabricator to protect existing structure as required



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INTERCONTINENTAL AIRPORT
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Terminal A - Transitional Signage

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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(1 of 6)

Sheet: 4-18

S1 TA.L2-009t 1t-DR.01d-S

Side A



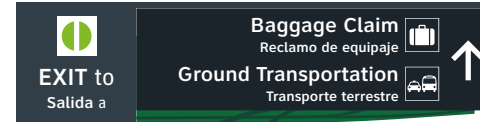
Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify
- NOTE: use u-channel along top edges for additional support if the cantilever of new temp. faces is too far for adequate attachment

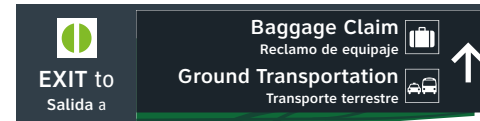
S1 TA.L2-013t 1t-DR.28b-r-S

Side A



S1 TA.L2-014t 1t-DR.28b-r-S

Side A



S1 TA.L2-010t 1t-DR.15b-S

Side A



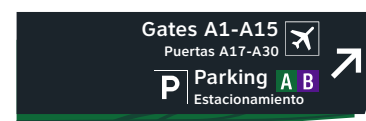
Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify

S1 TA.L2-015t 1t-DR.23b-r-S

Side A



S1 TA.L2-011t 1t-DR.15b-S

Side A



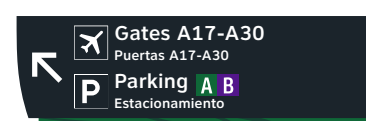
Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify

S1 TA.L2-016t 1t-DR.23b-S

Side A



S1 TA.L2-012t 1t-DR.15b-S

Side A



Side B



NOTES:
- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(2 of 6)

Sheet: 4-19

S1 TA.L2-017t 1t-DR.26b-r-S

Side A



S1 TA.L2-021t 1t-DR.23b-S

Side A



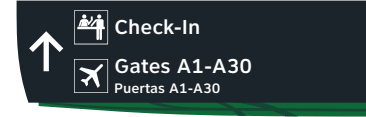
S1 TA.L2-018t 1t-DR.23b-S

Side A



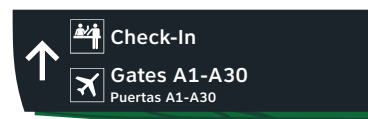
S1 TA.L2-022t 1t-DR.23b-S

Side A



S1 TA.L2-019t 1t-DR.23b-S

Side A



S1 TA.L2-023t 1t-DR.26b-S

Side A



S1 TA.L2-020t 1t-DR.26b-S

Side A



S1 TA.L2-024t 1t-DR.26b-r-S

Side A



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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(3 of 6)

Sheet: 4-20

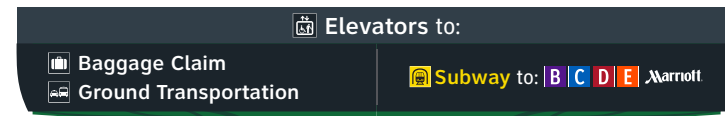
S1 TA.L2-025t 1t-DR.26b-S

Side A



S1 TA.L2-029t 1t-ID.26b

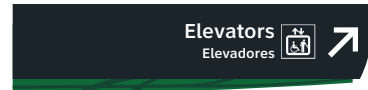
Side A



NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

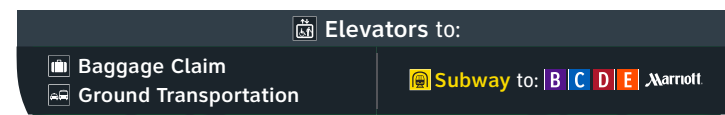
S1 TA.L2-026t 1t-DR.26b-r-S

Side A



S1 TA.L2-030t 1t-ID.26b

Side A



NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

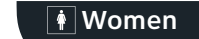
S1 TA.L2-027t 1t-ID.27b

Side A



S1 TA.L2-031t 1t-ID.35

Side A



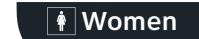
S1 TA.L2-028t 1t-ID.27b

Side A



S1 TA.L2-032t 1t-ID.35

Side A



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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(4 of 6)

Sheet: 4-21

S1 TA.L2-033t 1t-ID.35

Side A



S1 TA.L2-034t 1t-ID.35

Side A



S1 TA.L2-035t 1t-ID.43

Side A



Side B



S1 TA.L2-036t 1t-ID.43

Side A

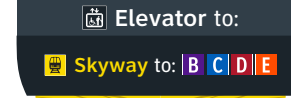


Side B



S1 TA.L2-037t 1t-ID.25b

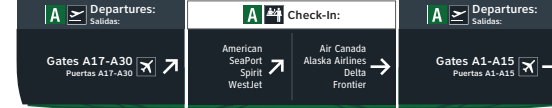
Side A



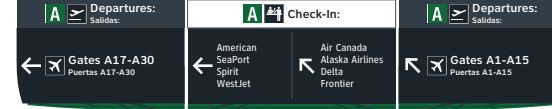
NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required

S1 TA.L2-038t 1t-DR.10e-S

Side A



Side B



NOTES:
- Fabricator to field verify & specify attachment method
- Contractor to provide additional magnetic airline rectangle panels. Confirm qty. with owner
- Provide magnetic strips and shim steel plate at airline rectangle panels

S1 TA.L2-039t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client

S1 TA.L2-040t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client



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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(5 of 6)

Sheet: 4-22

S1 TA.L2-041t 1t-ID.43

NOTES:
- Final AED symbol TBD by client

Side A



Side B



S1 TA.L2-042t 1t-ID.43

NOTES:
- Final AED symbol TBD by client

Side A



Side B



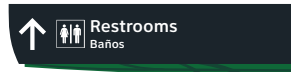
S1 TA.L2-043t 1t-DR.26-S

Side A



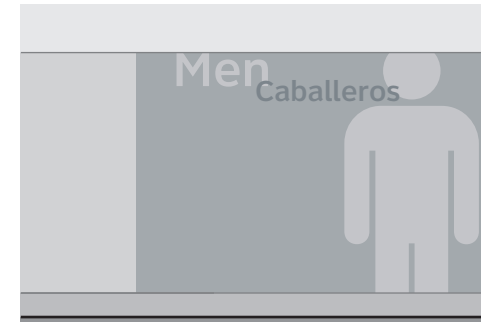
S1 TA.L2-044t 1t-DR.26-S

Side A



S1 TA.L2-045t 1t-ID.37b

NOTES:
- Field verify dimensions and location



S1 TA.L2-046t 1t-ID.37a

NOTES:
- Field verify dimensions and location



END OF LEVEL 2 - SECTOR 1 WAYFINDING SIGN MESSAGES



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4.8 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 1

(6 of 6)

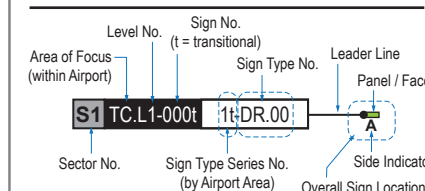
Sheet: 4-23

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities / property-line / other existing signage interferences & must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to the sign locations shown in these drawings must be documented by the Fabricator/Installer, and provided to project staff & Wayfinding Design Consultants for final approval.

NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are NOT IN SCOPE for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

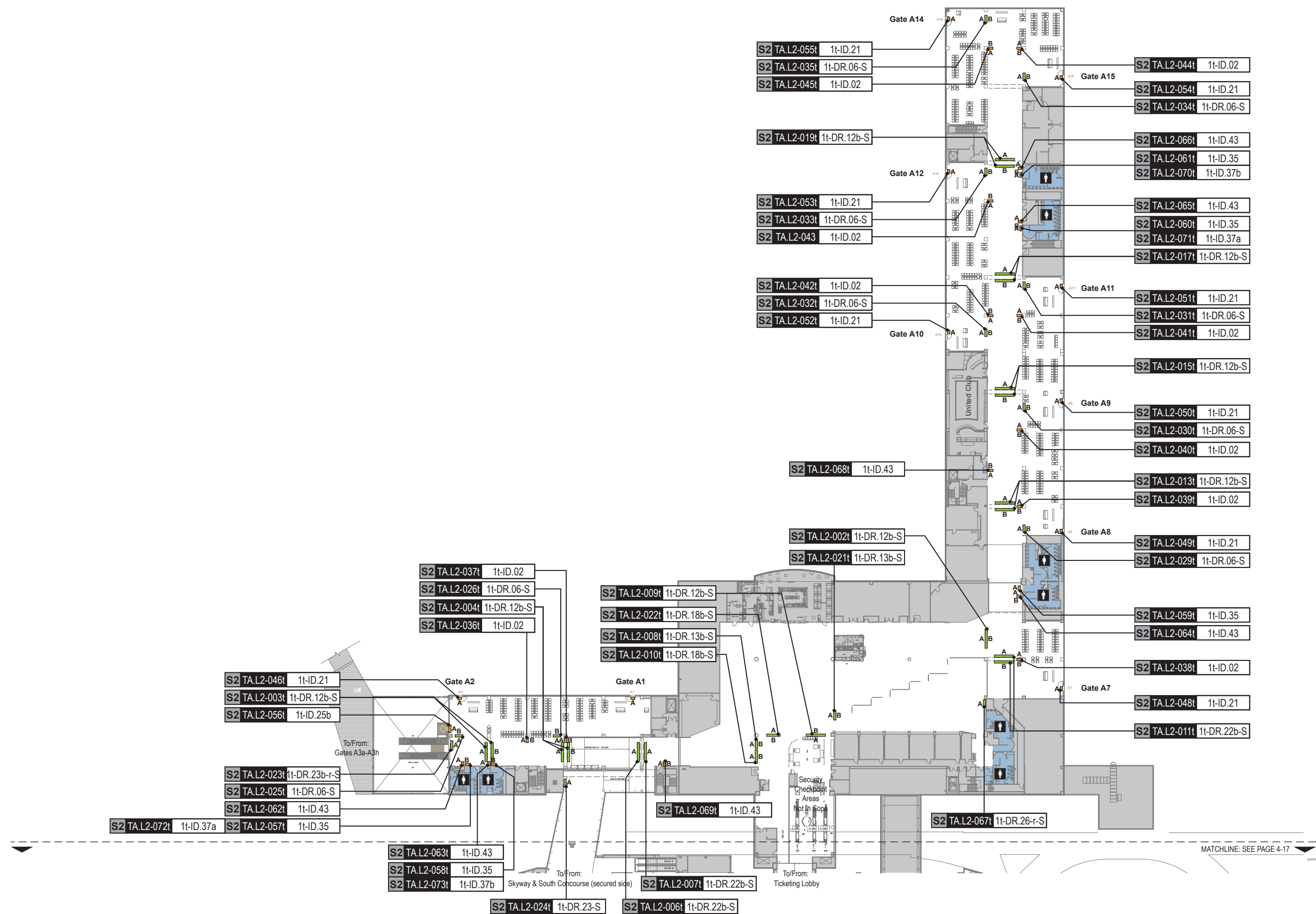
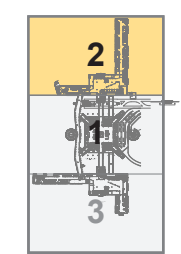
- AREA OF FOCUS: (location within Airport)
- TA = Terminal A
 - TB = Terminal B
 - TC = Terminal C
 - TD = Terminal D
 - TE = Terminal E
- SIGN TYPE SERIES NO.: (by Airport Area)
- 1t = Terminals/Concourses
 - 1t = Terminals/Concourses: Transitional
 - 2- = CBP Areas
 - 3- = Curbside/Ground Trans.
 - 4- = Roadways
 - 5- = Parking

- WAYFINDING SIGN TYPE:
- DR.xx = Directional
 - ID.xx = Identification
 - IN.xx = Informational

- WAYFINDING SIGN LOC.:
- A = Directional (DR)
 - B = Identification (ID)
 - A = Informational (IN)
 - B = Informational (IN)
- AREAS:
- [Grey Box] = Not In Scope areas
 - [Brown Box] = Existing public access vertical circulation areas
 - [Blue Box] = Existing public access restrooms

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

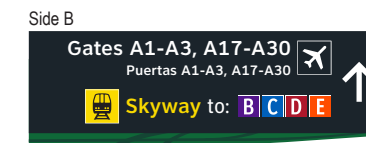


NOT USED

NOT USED



NOTES:
 - Remove existing nearby wall mount wayfinding sign (located over FIDS units); Fabricator to patch/repair as required



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required

S2 TA.L2-009t 1t-DR.12b-S

Side A



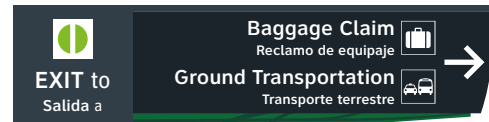
Side B



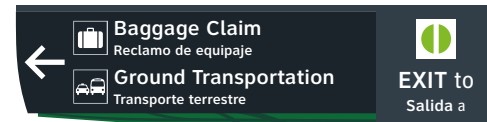
NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify

S2 TA.L2-010t 1t-DR.18b-S

Side A



Side B



S2 TA.L2-011t 1t-DR.22b-S

Side A



Side B



S2 TA.L2-012t N/A

NOT USED

S2 TA.L2-013t 1t-DR.12b-S

Side A



Side B



S2 TA.L2-014t N/A

NOT USED

S2 TA.L2-015t 1t-DR.12b-S

Side A



Side B



S2 TA.L2-016t N/A

NOT USED

S2 TA.L2-017t 1t-DR.12b-S

Side A



Side B



S2 TA.L2-018t N/A

NOT USED

S2 TA.L2-019t 1t-DR.12b-S

Side A



Side B

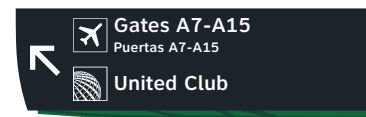


S2 TA.L2-020t N/A

NOT USED

S2 TA.L2-021t 1t-DR.13b-S

Side A



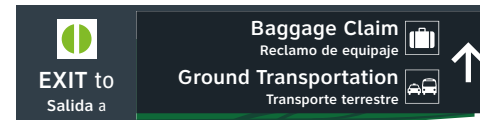
Side B



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify

S2 TA.L2-022t 1t-DR.18b-S

Side A



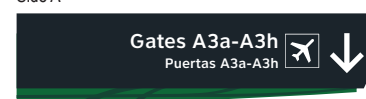
Side B



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify

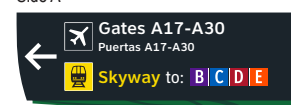
S2 TA.L2-023t 1t-DR.23b-r-S

Side A



S2 TA.L2-024t 1t-DR.23-S

Side A



S2 TA.L2-025t 1t-DR.06-S

Side A



Side B



S2 TA.L2-029t 1t-DR.06-S

Side A



Side B



S2 TA.L2-026t 1t-DR.06-S

Side A



Side B



S2 TA.L2-030t 1t-DR.06-S

Side A



Side B



S2 TA.L2-027t N/A

NOT USED

S2 TA.L2-031t 1t-DR.06-S

Side A



Side B



S2 TA.L2-028t N/A

NOT USED

S2 TA.L2-032t 1t-DR.06-S

Side A



Side B



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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(4 of 10)

Sheet: 4-28

S2 TA.L2-033t 1t-DR.06-S

Side A



Side B



S2 TA.L2-034t 1t-DR.06-S

Side A



Side B



S2 TA.L2-035t 1t-DR.06-S

Side A



Side B



S2 TA.L2-036t 1t-ID.02

Side A



Side B



S2 TA.L2-037t 1t-ID.02

Side A



Side B



S2 TA.L2-038t 1t-ID.02

Side A



Side B



S2 TA.L2-039t 1t-ID.02

Side A



Side B



S2 TA.L2-040t 1t-ID.02

Side A



Side B



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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(5 of 10)

Sheet: 4-29

S2 TA.L2-041t 1t-ID.02

Side A



Side B



S2 TA.L2-042t 1t-ID.02

Side A



Side B



S2 TA.L2-043 1t-ID.02

Side A



Side B



S2 TA.L2-044t 1t-ID.02

Side A



Side B



S2 TA.L2-045t 1t-ID.02

Side A



Side B



S2 TA.L2-046t 1t-ID.21

Side A



S2 TA.L2-047t 1t-ID.21

Side A



S2 TA.L2-048t 1t-ID.21

Side A



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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(6 of 10)

Sheet: 4-30

S2 TA.L2-049t 1t-ID.21

Side A

A8

S2 TA.L2-050t 1t-ID.21

Side A

A9

S2 TA.L2-051t 1t-ID.21

Side A

A11

S2 TA.L2-052t 1t-ID.21

Side A

A10

S2 TA.L2-053t 1t-ID.21

Side A

A12

S2 TA.L2-054t 1t-ID.21

Side A

A15



S2 TA.L2-055t 1t-ID.21

Side A

A14

S2 TA.L2-056t 1t-ID.25b

Side A

 Elevator to:
 Gates A3a-A3h

NOTES:
- Remove all existing elevator wayfinding signs;
- Fabricator to patch/repair or re-face as required



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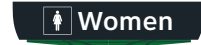
4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(7 of 10)

Sheet: 4-31

S2 TA.L2-057t 1t-ID.35

Side A



S2 TA.L2-061t 1t-ID.35

Side A



S2 TA.L2-058t 1t-ID.35

Side A



S2 TA.L2-062t 1t-ID.43

Side A



Side B



S2 TA.L2-059t 1t-ID.35

Side A



S2 TA.L2-063t 1t-ID.43

Side A

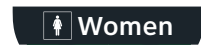


Side B



S2 TA.L2-060t 1t-ID.35

Side A



S2 TA.L2-064t 1t-ID.43

Side A



Side B



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HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

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Issue Date: 08.31.2020

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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(8 of 10)

Sheet: 4-32

S2 TA.L2-065t 1t-ID.43

Side A



Side B



S2 TA.L2-066t 1t-ID.43

Side A



Side B



S2 TA.L2-067t 1t-DR.26-r-S

Side A



NOTES:
- Remove existing restroom directional signage

S2 TA.L2-068t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client

S2 TA.L2-069t 1t-ID.43

Side A

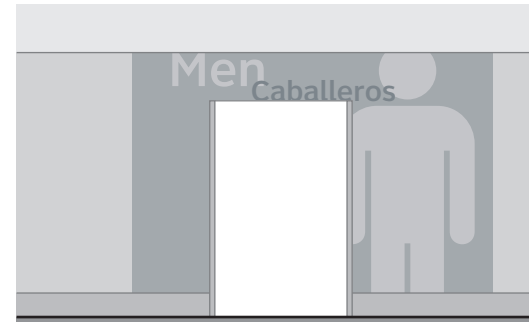


Side B

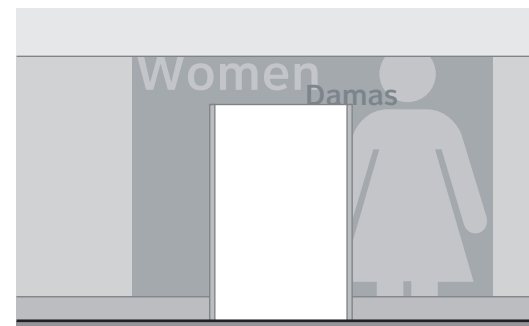


NOTES:
- Final AED symbol TBD by client

S2 TA.L2-070t 1t-ID.37b

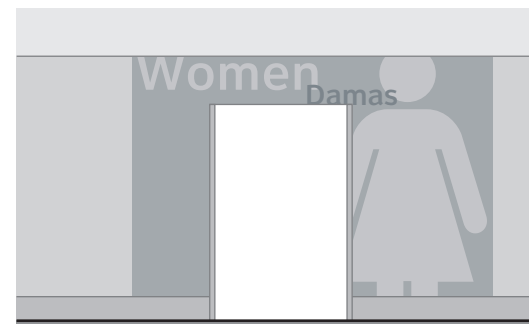


S2 TA.L2-071t 1t-ID.37a



S2 TA.L2-072t 1t-ID.37a

Side A



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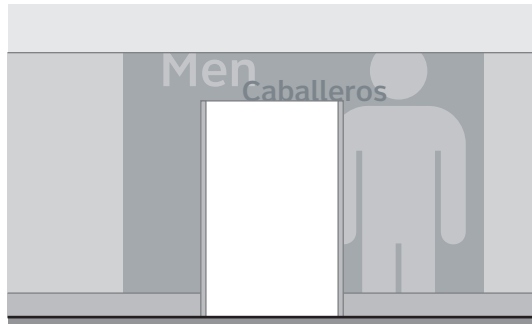
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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(9 of 10)

Sheet: 4-33



END OF LEVEL 2 - SECTOR 2 WAYFINDING SIGN MESSAGES



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4.10 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 2

(9 of 10)

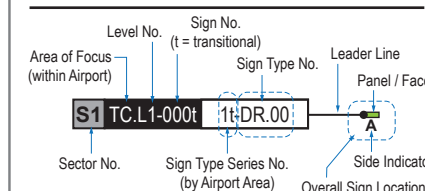
Sheet: 4-34

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities / property-line / other existing signage interferences & must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to the sign locations shown in these drawings must be documented by the Fabricator/Installer, and provided to project staff & Wayfinding Design Consultants for final approval.

NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are NOT IN SCOPE for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

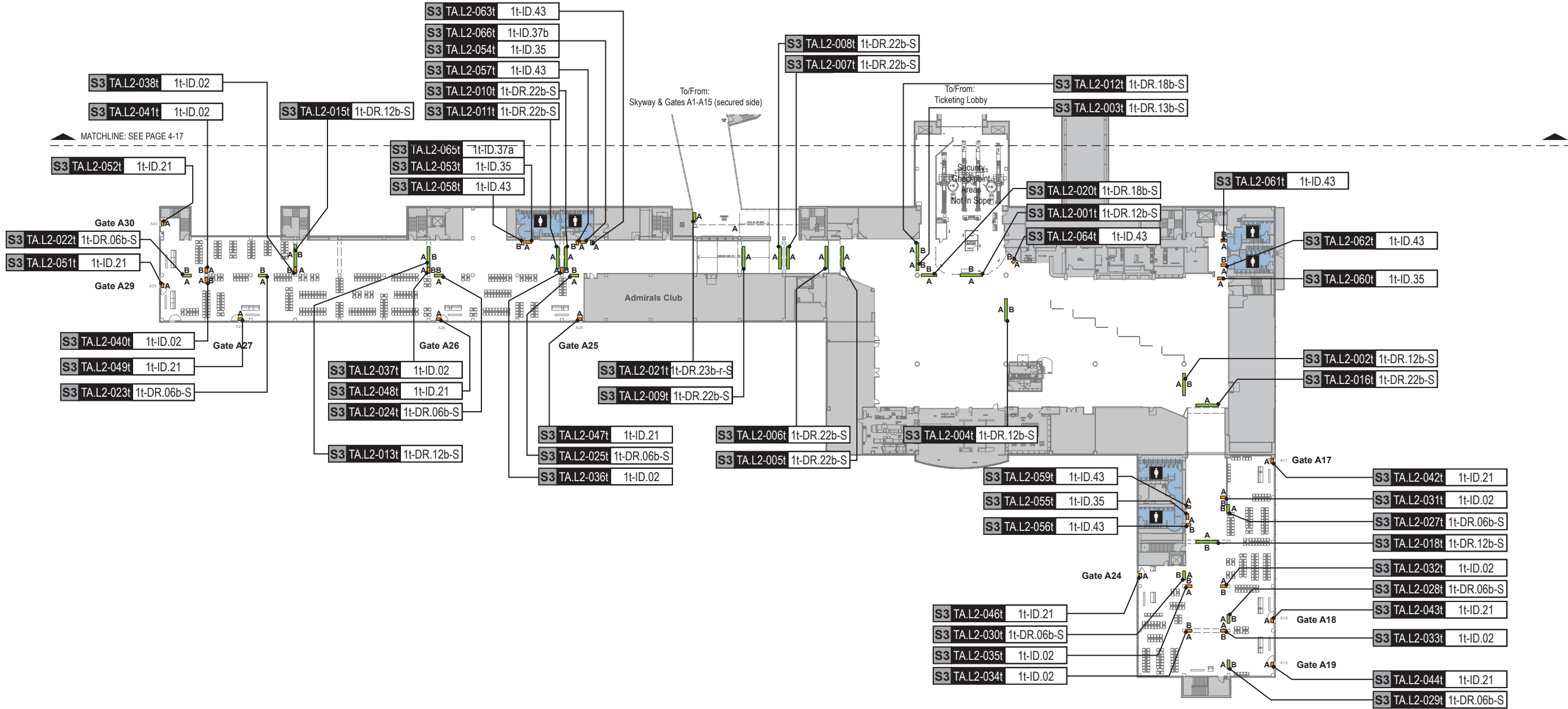
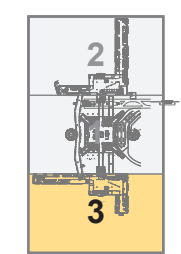
- AREA OF FOCUS:** (location within Airport)
 TA = Terminal A
 TB = Terminal B
 TC = Terminal C
 TD = Terminal D
 TE = Terminal E
- SIGN TYPE SERIES NO.:** (by Airport Area)
 1- = Terminals/Concourses
 1t- = Terminals/Concourses: Transitional
 2- = CBP Areas
 3- = Curbside/Ground Trans.
 4- = Roadways
 5- = Parking

- WAYFINDING SIGN TYPE:**
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

- WAYFINDING SIGN LOC.:**
 A = Directional (DR)
 B = Identification (ID)
 A = Informational (IN)
 B = Informational (IN)
- AREAS:**
 [Grey Box] = Not In Scope areas
 [Brown Box] = Existing public access vertical circulation areas
 [Blue Box] = Existing public access restrooms

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)



S3 TA.L2-001t 1t-DR.12b-S

Side A



Side B



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify

S3 TA.L2-005t 1t-DR.22b-S

Side A



S3 TA.L2-006t 1t-DR.22b-S

Side A



S3 TA.L2-002t 1t-DR.12b-S

Side A



Side B



NOTES:
 - Remove existing nearby wall mount wayfinding sign (located over FIDS units); Fabricator to patch/repair as required

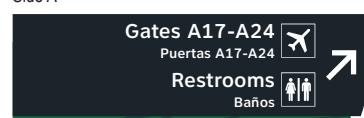
S3 TA.L2-007t 1t-DR.22b-S

Side A

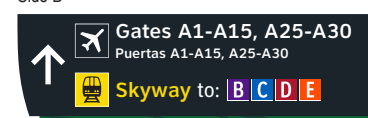


S3 TA.L2-003t 1t-DR.13b-S

Side A



Side B



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify

S3 TA.L2-008t 1t-DR.22b-S

Side A



S3 TA.L2-004t 1t-DR.12b-S

Side A



Side B



NOTES:
 - Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
 - Fabricator to field verify



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Terminal A - Transitional Signage

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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(1 of 9)

Sheet: 4-36

S3 TA.L2-009t 1t-DR.22b-S

Side A



S3 TA.L2-010t 1t-DR.22b-S

Side A



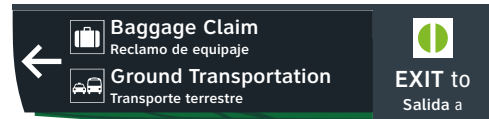
S3 TA.L2-011t 1t-DR.22b-S

Side A

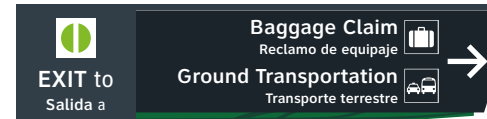


S3 TA.L2-012t 1t-DR.18b-S

Side A



Side B



S3 TA.L2-013t 1t-DR.12b-S

Side A



Side B



S3 TA.L2-014t N/A

NOT USED

S3 TA.L2-015t 1t-DR.12b-S

Side A



Side B



S3 TA.L2-016t 1t-DR.22b-S

Side A



S3 TA.L2-017t N/A

NOT USED

S3 TA.L2-021t 1t-DR.23b-r-S

Side A



S3 TA.L2-018t 1t-DR.12b-S

Side A



Side B



S3 TA.L2-022t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-019t N/A

NOT USED

S3 TA.L2-023t 1t-DR.06b-S

Side A

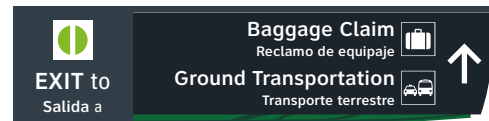


Side B



S3 TA.L2-020t 1t-DR.18b-S

Side A



Side B



NOTES:

- Remove existing ceiling suspended wayfinding sign; Fabricator to patch/repair as required
- Fabricator to field verify

S3 TA.L2-024t 1t-DR.06b-S

Side A



Side B



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Terminal A - Transitional Signage

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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(3 of 9)

Sheet: 4-38

S3 TA.L2-025t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-029t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-026t N/A

NOT USED

S3 TA.L2-030t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-027t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-031t 1t-ID.02

Side A



Side B



S3 TA.L2-028t 1t-DR.06b-S

Side A



Side B



S3 TA.L2-032t 1t-ID.02

Side A



Side B



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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(4 of 9)

Sheet: 4-39

S3 TA.L2-033t 1t-ID.02

Side A



Side B



S3 TA.L2-034t 1t-ID.02

Side A



Side B



S3 TA.L2-035t 1t-ID.02

Side A



Side B



S3 TA.L2-036t 1t-ID.02

Side A



Side B



S3 TA.L2-037t 1t-ID.02

Side A



Side B



S3 TA.L2-038t 1t-ID.02

Side A



Side B



S3 TA.L2-039t N/A

NOT USED

S3 TA.L2-040t 1t-ID.02

Side A



Side B



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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(5 of 9)

Sheet: 4-40

S3 TA.L2-041t 1t-ID.02

Side A

A30

Side B

A30

S3 TA.L2-042t 1t-ID.21

Side A

A17

S3 TA.L2-043t 1t-ID.21

Side A

A18

S3 TA.L2-044t 1t-ID.21

Side A

A19

S3 TA.L2-045t N/A

NOT USED

S3 TA.L2-046t 1t-ID.21

Side A

A24

S3 TA.L2-047t 1t-ID.21

Side A

A25

S3 TA.L2-048t 1t-ID.21

Side A

A26



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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(6 of 9)

Sheet: 4-41

S3 TA.L2-049t 1t-ID.21

Side A

A27

S3 TA.L2-050t N/A

NOT USED

S3 TA.L2-051t 1t-ID.21

Side A

A29

S3 TA.L2-052t 1t-ID.21

Side A

A30

S3 TA.L2-053t 1t-ID.35

Side A

Women

S3 TA.L2-054t 1t-ID.35

Side A

Men

S3 TA.L2-055t 1t-ID.35

Side A

Restrooms

S3 TA.L2-056t 1t-ID.43

Side A

Side B



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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(7 of 9)

Sheet: 4-42

S3 TA.L2-057t 1t-ID.43

Side A



Side B



S3 TA.L2-058t 1t-ID.43

Side A



Side B



S3 TA.L2-059t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client

S3 TA.L2-060t 1t-ID.35

Side A



S3 TA.L2-061t 1t-ID.43

Side A



Side B



S3 TA.L2-062t 1t-ID.43

Side A



Side B



S3 TA.L2-063t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client

S3 TA.L2-064t 1t-ID.43

Side A



Side B



NOTES:
- Final AED symbol TBD by client



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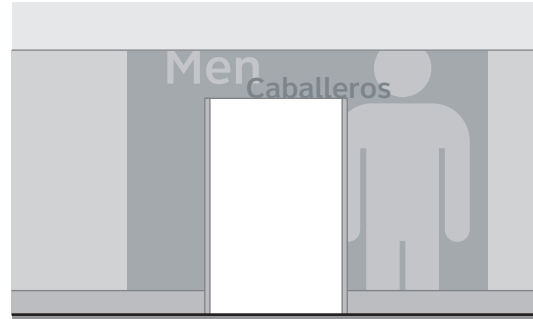
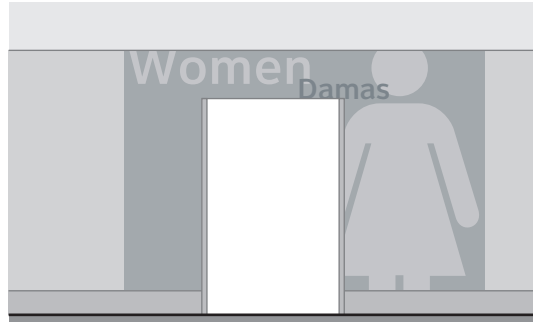
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4.12 MESSAGE SCHEDULE - TERMINAL A LEVEL 2: SECTOR 3

(8 of 9)

Sheet: 4-43



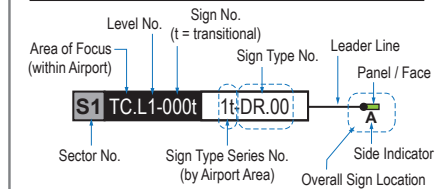
END OF LEVEL 2 - SECTOR 3 WAYFINDING SIGN MESSAGES

GENERAL NOTES

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NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are **NOT IN SCOPE** for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

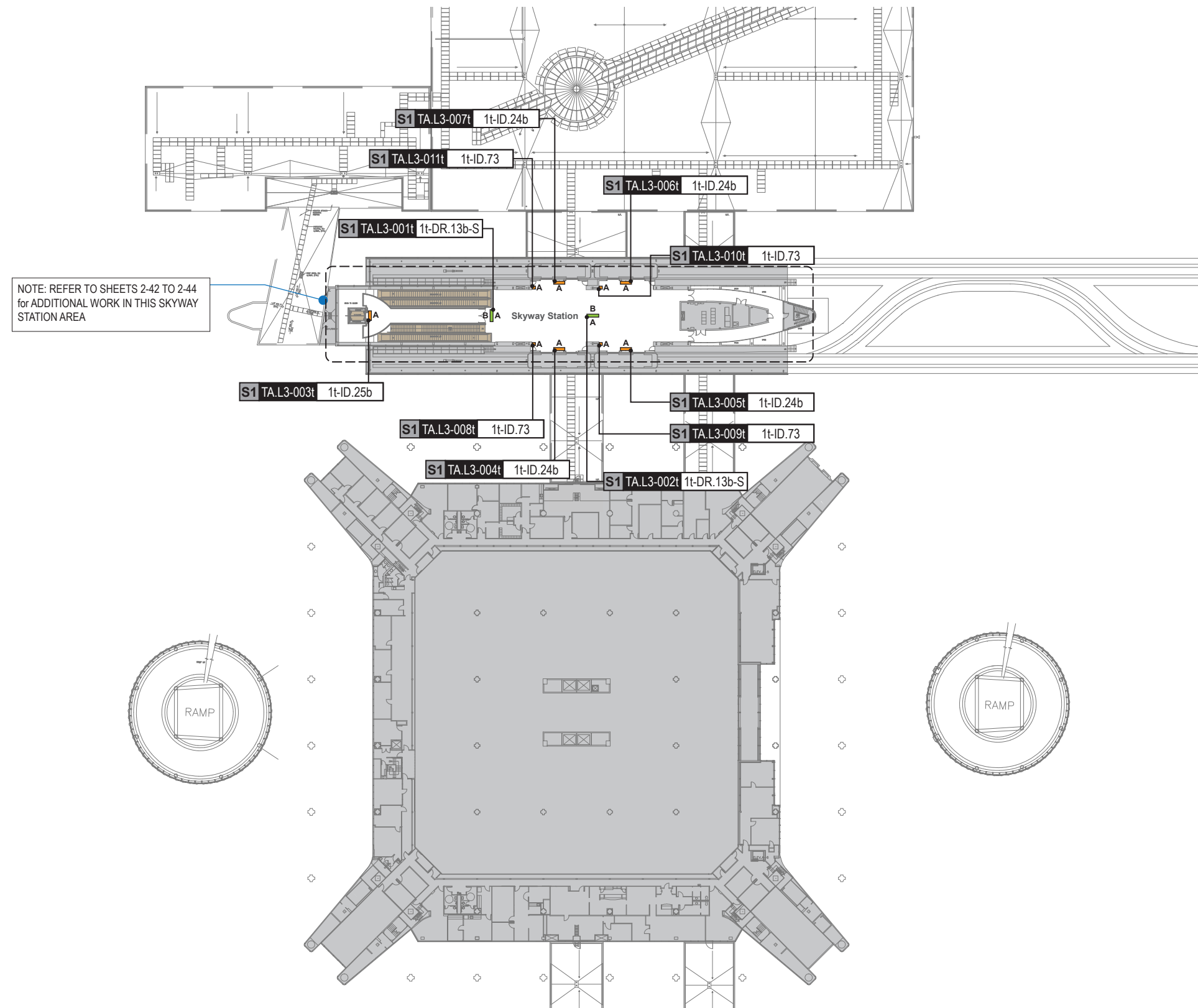
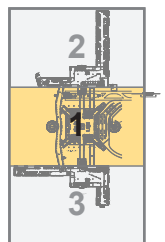
AREA OF FOCUS: (location within Airport)	SIGN TYPE SERIES NO.: (by Airport Area)
TA = Terminal A	1- = Terminals/Concourses
TB = Terminal B	1t- = Terminals/Concourses: Transitional
TC = Terminal C	2- = CBP Areas
TD = Terminal D	3- = Curbside/Ground Trans.
TE = Terminal E	4- = Roadways
	5- = Parking

WAYFINDING SIGN TYPE:
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

WAYFINDING SIGN LOC.:	AREAS:
A = Directional (DR)	= Not In Scope areas
B = Identification (ID)	= Existing public access vertical circulation areas
A B = Informational (IN)	= Existing public access restrooms

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)



NOTE: REFER TO SHEETS 2-42 TO 2-44 for ADDITIONAL WORK IN THIS SKYWAY STATION AREA



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 HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
 Issue Date: 08.31.2020

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4.13 SIGN LOCATION PLAN - TERMINAL A LEVEL 3: SECTOR 1

(1 of 1)

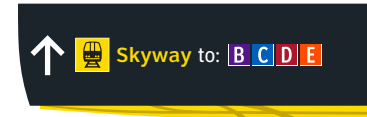
Sheet: 4-45

S1 TA.L3-001t 1t-DR.13b-S

Side A



Side B



NOTES:
- Remove all existing wayfinding signs;
Fabricator to patch/
repair as required
- Fabricator to field verify & specify attachment
method

S1 TA.L3-005t 1t-ID.24b

Side A



NOTES:
- Remove all existing train ID
wayfinding signs;
- Fabricator to patch/repair or
re-face as required

S1 TA.L3-002t 1t-DR.13b-S

Side A



Side B



NOTES:
- Remove all existing wayfinding signs;
Fabricator to patch/repair as required
- Fabricator to field verify & specify attachment
method

S1 TA.L3-006t 1t-ID.24b

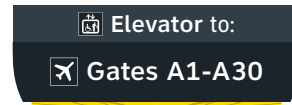
Side A



NOTES:
- Remove all existing train ID
wayfinding signs;
- Fabricator to patch/repair or
re-face as required

S1 TA.L3-003t 1t-ID.25b

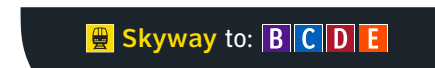
Side A



NOTES:
- Remove all existing elevator
wayfinding signs;
- Fabricator to patch/repair or
re-face as required

S1 TA.L3-007t 1t-ID.24b

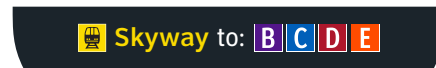
Side A



NOTES:
- Remove all existing train ID
wayfinding signs;
- Fabricator to patch/repair or
re-face as required

S1 TA.L3-004t 1t-ID.24b

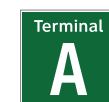
Side A



NOTES:
- Remove all existing train ID
wayfinding signs;
- Fabricator to patch/repair or
re-face as required

S1 TA.L3-008t 1t-ID.73

Side A



NOTES:
- Remove all existing train ID
wayfinding signs;
- Fabricator to patch/repair or
re-face as required



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Terminal A - Transitional Signage

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4.14 MESSAGE SCHEDULE - TERMINAL A LEVEL 3: SECTOR 1

(1 of 2)

Sheet: 4-46

S1 TA.L3-009t 1t-ID.73

Side A



S1 TA.L3-010t 1t-ID.73

Side A



S1 TA.L3-011t 1t-ID.73

Side A



END OF LEVEL 3 - SECTOR 1 WAYFINDING SIGN MESSAGES



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4.14 MESSAGE SCHEDULE - TERMINAL A LEVEL 3: SECTOR 1

(2 of 2)

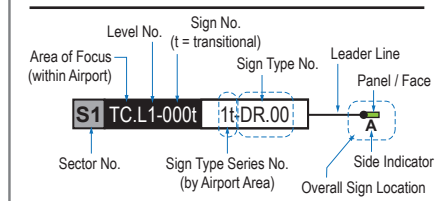
Sheet: 4-47

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities / property-line / other existing signage interferences & must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to the sign locations shown in these drawings must be documented by the Fabricator/Installer, and provided to project staff & Wayfinding Design Consultants for final approval.

NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are NOT IN SCOPE for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

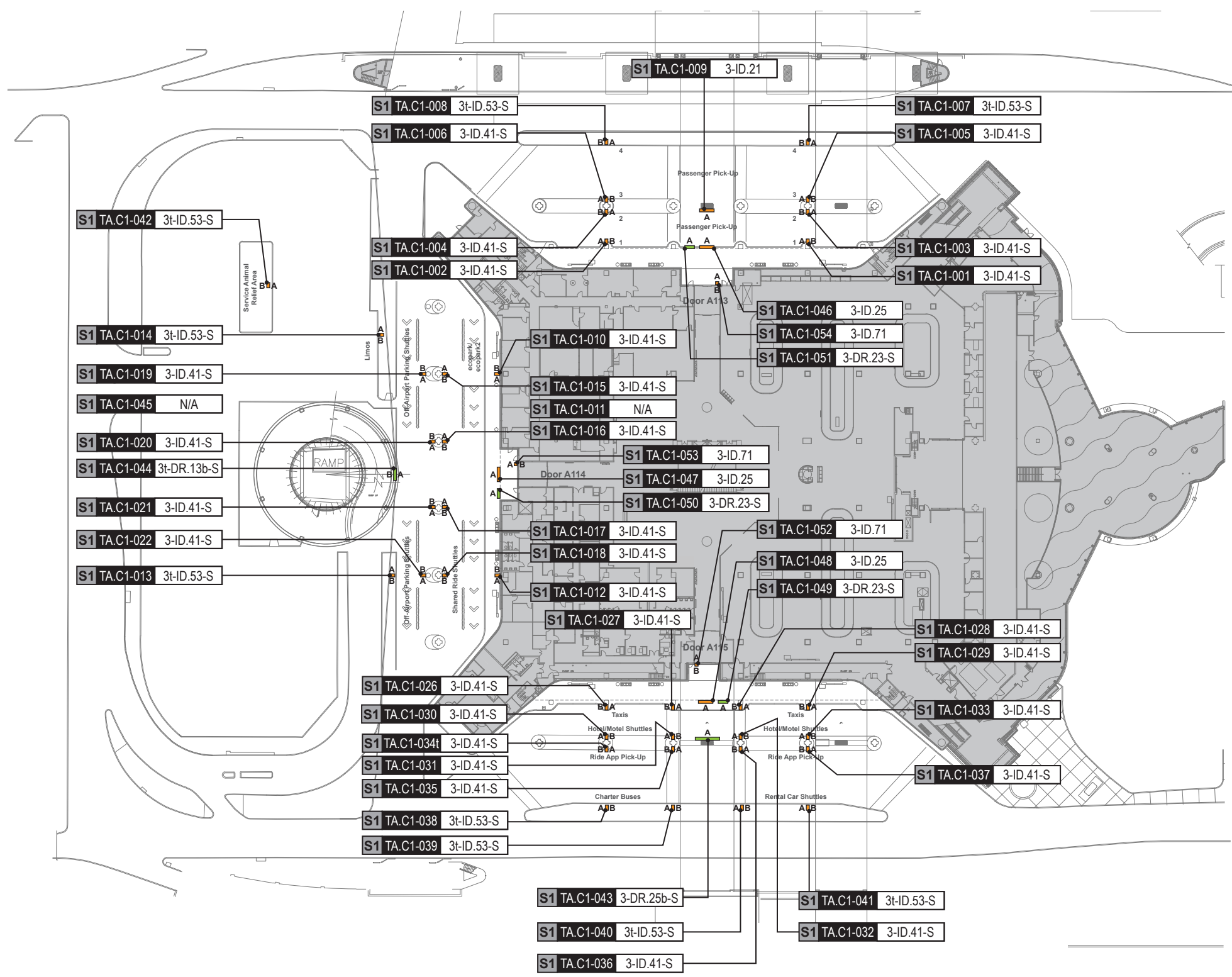
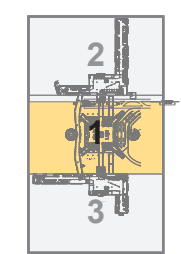
- AREA OF FOCUS:**
(location within Airport)
TA = Terminal A
TB = Terminal B
TC = Terminal C
TD = Terminal D
TE = Terminal E
- SIGN TYPE SERIES NO.:**
(by Airport Area)
1- = Terminals/Concourses
1t- = Terminals/Concourses: Transitional
2- = CBP Areas
3- = Curbside/Ground Trans.
4- = Roadways
5- = Parking

- WAYFINDING SIGN TYPE:**
DR.xx = Directional
ID.xx = Identification
IN.xx = Informational

- WAYFINDING SIGN LOC.:**
A = Directional (DR)
B = Identification (ID)
A/B = Informational (IN)
- AREAS:**
[Grey Box] = Not In Scope areas
[Brown Box] = Existing public access vertical circulation areas
[Blue Box] = Existing public access restrooms

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)



S1 TA.C1-001 3-ID.41-S

Side A

Side B



S1 TA.C1-002 3-ID.41-S

Side A

Side B



S1 TA.C1-003 3-ID.41-S

Side A

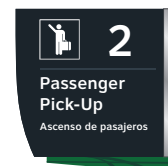
Side B



S1 TA.C1-004 3-ID.41-S

Side A

Side B



S1 TA.C1-005 3-ID.41-S

Side A

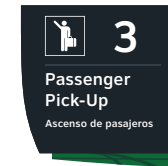
Side B



S1 TA.C1-006 3-ID.41-S

Side A

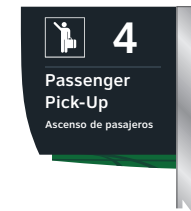
Side B



S1 TA.C1-007 3-ID.53-S

Side A

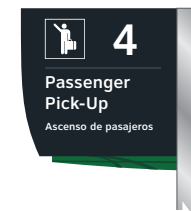
Side B



S1 TA.C1-008 3-ID.53-S

Side A

Side B



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4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(1 of 7)

Sheet: 4-49

S1 TA.C1-009 3-ID.21

Side A



S1 TA.C1-010 3-ID.41-S

Side A



Side B



S1 TA.C1-011 N/A

NOT USED

S1 TA.C1-012 3-ID.41-S

Side A

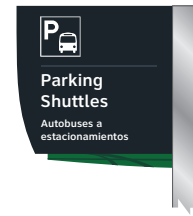


Side B



S1 TA.C1-013 3t-ID.53-S

Side A

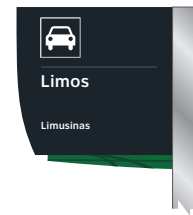


Side B



S1 TA.C1-014 3t-ID.53-S

Side A



Side B



S1 TA.C1-015 3-ID.41-S

Side A



Side B



S1 TA.C1-016 3-ID.41-S

Side A



Side B



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4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(2 of 7)

Sheet: 4-50

S1 TA.C1-017 3-ID.41-S

Side A

Side B



S1 TA.C1-018 3-ID.41-S

Side A

Side B



S1 TA.C1-019 3-ID.41-S

Side A

Side B



S1 TA.C1-020 3-ID.41-S

Side A

Side B



S1 TA.C1-021 3-ID.41-S

Side A

Side B



S1 TA.C1-022 3-ID.41-S

Side A

Side B



S1 TA.C1-023 N/A

NOT USED

S1 TA.C1-024 N/A

NOT USED



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4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(3 of 7)

Sheet: 4-51

S1 TA.C1-025 N/A

NOT USED

S1 TA.C1-026 3-ID.41-S



S1 TA.C1-027 3-ID.41-S



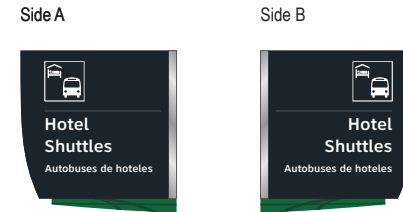
S1 TA.C1-028 3-ID.41-S



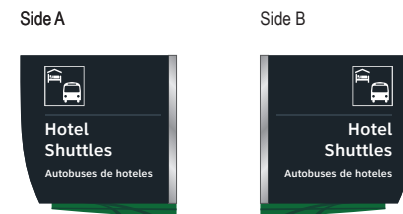
S1 TA.C1-029 3-ID.41-S



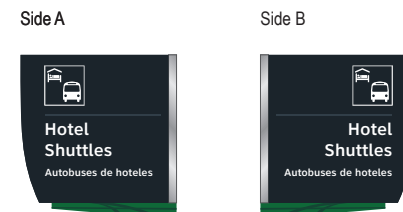
S1 TA.C1-030 3-ID.41-S



S1 TA.C1-031 3-ID.41-S



S1 TA.C1-032 3-ID.41-S



S1 TA.C1-033 3-ID.41-S

Side A

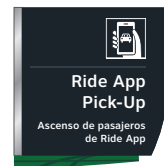
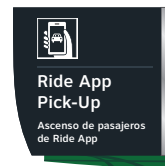
Side B



S1 TA.C1-034 3-ID.41-S

Side A

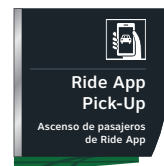
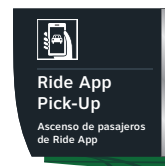
Side B



S1 TA.C1-035 3-ID.41-S

Side A

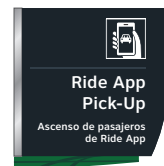
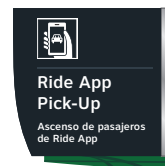
Side B



S1 TA.C1-036 3-ID.41-S

Side A

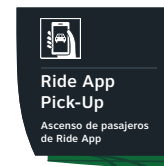
Side B



S1 TA.C1-037 3-ID.41-S

Side A

Side B



S1 TA.C1-038 3-ID.53-S

Side A

Side B



S1 TA.C1-039 3-ID.53-S

Side A

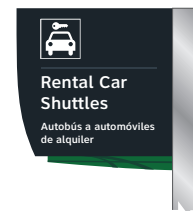
Side B



S1 TA.C1-040 3-ID.53-S

Side A

Side B



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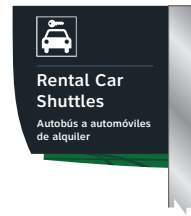
4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(5 of 7)

Sheet: 4-53

S1 TA.C1-041 3t-ID.53-S

Side A

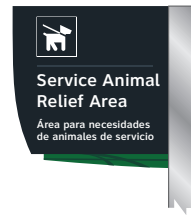


Side B



S1 TA.C1-042 3t-ID.53-S

Side A



Side B



S1 TA.C1-043 3-DR.25b-S

Side A

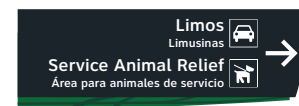


S1 TA.C1-044 3t-DR.13b-S

Side A



Side B

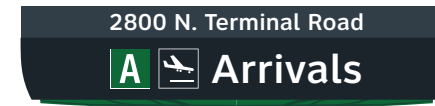


S1 TA.C1-045 N/A

NOT USED

S1 TA.C1-046 3-ID.25

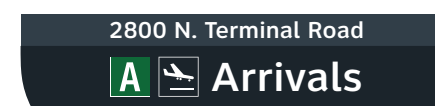
Side A



NOTE: Address shown here is a placeholder only; Fabricator to verify the final address with HAS at each door entrance and adjust as required prior to final fabrication/installation

S1 TA.C1-047 3-ID.25

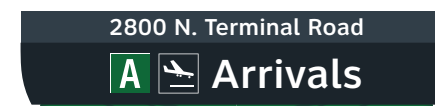
Side A



NOTE: Address shown here is a placeholder only; Fabricator to verify the final address with HAS at each door entrance and adjust as required prior to final fabrication/installation

S1 TA.C1-048 3-ID.25

Side A



NOTE: Address shown here is a placeholder only; Fabricator to verify the final address with HAS at each door entrance and adjust as required prior to final fabrication/installation



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4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(6 of 7)

Sheet: 4-54

S1 TA.C1-049 3-DR.23-S

Side A



S1 TA.C1-053 3-ID.71

Side A



Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.C1-050 3-DR.23-S

Side A



S1 TA.C1-054 3-ID.71

Side A



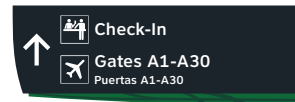
Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.C1-051 3-DR.23-S

Side A



END OF LEVEL 1 CURBSIDE WAYFINDING SIGN MESSAGES

S1 TA.C1-052 3-ID.71

Side A



Side B



NOTES:
- Remove existing Door ID badge circle
- Apply new Door ID badge to both sides of glass at location shown



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
Issue Date: 08.31.2020

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4.16 MESSAGE SCHEDULE - TERMINAL A LEVEL 1 CURBSIDE

(7 of 7)

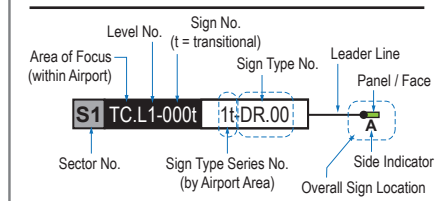
Sheet: 4-55

GENERAL NOTES

- Sign locations & orientations shown here are approximations based on the most current plan drawings as provided to the designer by the architect at the time of this document's completion. These sign locations are for general design intent & wayfinding planning purposes only. They should not be construed or deemed as absolute or final locations. Field verification, marking & documentation of each final location is to be performed by the Fabricator/Installer & coordinated with project staff & Wayfinding Design Consultants for final approval.
- All final install locations must be marked and verified in the field for proper structural integrity, adequate line of sight, utilities / property-line / other existing signage interferences & must be in complete compliance with all local, state and national codes prior to fabrication or installation.
- Adjustments to the sign locations shown in these drawings must be documented by the Fabricator/Installer, and provided to project staff & Wayfinding Design Consultants for final approval.

NOTE: Only priority wayfinding signage & locations as shown in this wayfinding plan package are in scope. All other signage not shown (including traffic control) are **NOT IN SCOPE** for this project/contract.

SIGN LOCATION ANNOTATION LEGEND



LOCATION CODE DEFINITIONS:

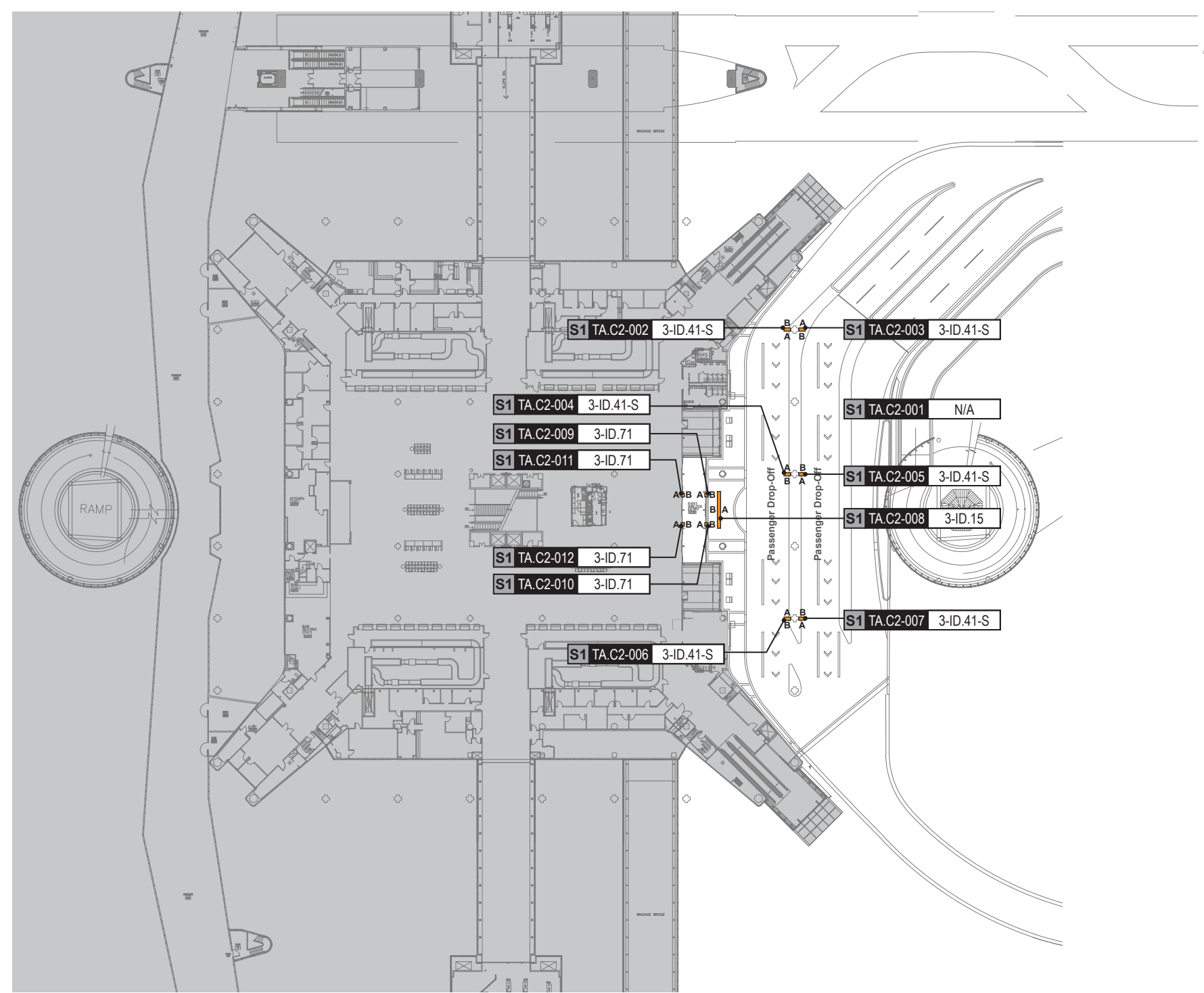
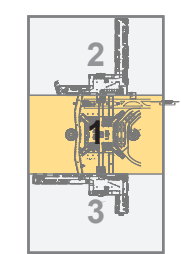
AREA OF FOCUS: (location within Airport)	SIGN TYPE SERIES NO.: (by Airport Area)
TA = Terminal A	1- = Terminals/Concourses
TB = Terminal B	1t- = Terminals/Concourses: Transitional
TC = Terminal C	2- = CBP Areas
TD = Terminal D	3- = Curbside/Ground Trans.
TE = Terminal E	4- = Roadways
	5- = Parking

WAYFINDING SIGN TYPE:
 DR.xx = Directional
 ID.xx = Identification
 IN.xx = Informational

WAYFINDING SIGN LOC.:	AREAS:
= Directional (DR)	= Not In Scope areas
= Identification (ID)	= Existing public access vertical circulation areas
= Informational (IN)	= Existing public access restrooms

LOCATION PLAN SCALE: 1" = 75'

KEY PLAN (Scale: NTS)

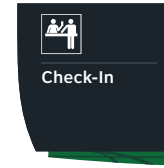


S1 TA.C2-001 N/A

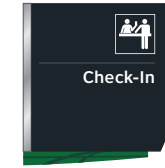
NOT USED

S1 TA.C2-005 3-ID.41-S

Side A



Side B

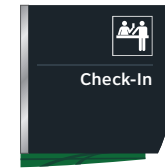


S1 TA.C2-002 3-ID.41-S

Side A

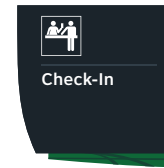


Side B

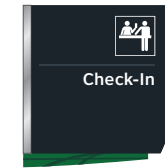


S1 TA.C2-006 3-ID.41-S

Side A

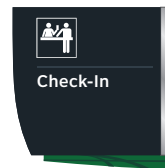


Side B

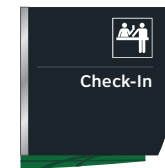


S1 TA.C2-003 3-ID.41-S

Side A

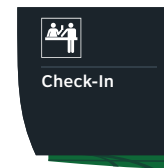


Side B

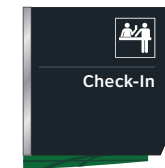


S1 TA.C2-007 3-ID.41-S

Side A

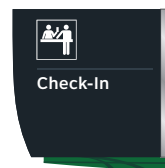


Side B

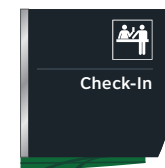


S1 TA.C2-004 3-ID.41-S

Side A

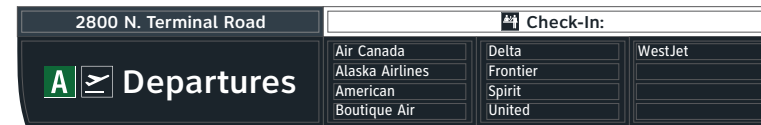


Side B



S1 TA.C2-008 3-ID.15

Side A



Side B



NOTE:
 - Address shown here is a placeholder only; Fabricator to verify the final address with HAS at each door entrance and adjust as required prior to final fabrication/installation
 - Refer to detail E/3-1 for magnetic panel detail



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INTERCONTINENTAL AIRPORT
 HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

100% Design
 Issue Date: 08.31.2020

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4.18 MESSAGE SCHEDULE - TERMINAL A LEVEL 2 CURBSIDE

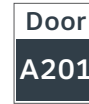
(1 of 2)

Sheet: 4-57

S1 TA.C2-009 3-ID.71

Side A

Side B

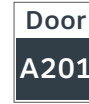


NOTES:
- Remove existing Door ID badge circles at all locations
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.C2-010 3-ID.71

Side A

Side B

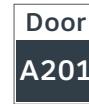


NOTES:
- Remove existing Door ID badge circles at all locations
- Apply new Door ID badge to both sides of glass at location shown

S1 TA.C2-011 3-ID.71

Side A

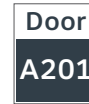
Side B



S1 TA.C2-012 3-ID.71

Side A

Side B



END OF LEVEL 2 CURBSIDE WAYFINDING SIGN MESSAGES



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INTERCONTINENTAL AIRPORT
HAS Wayfinding System - Signage Design Intent Documents:
Terminal A - Transitional Signage

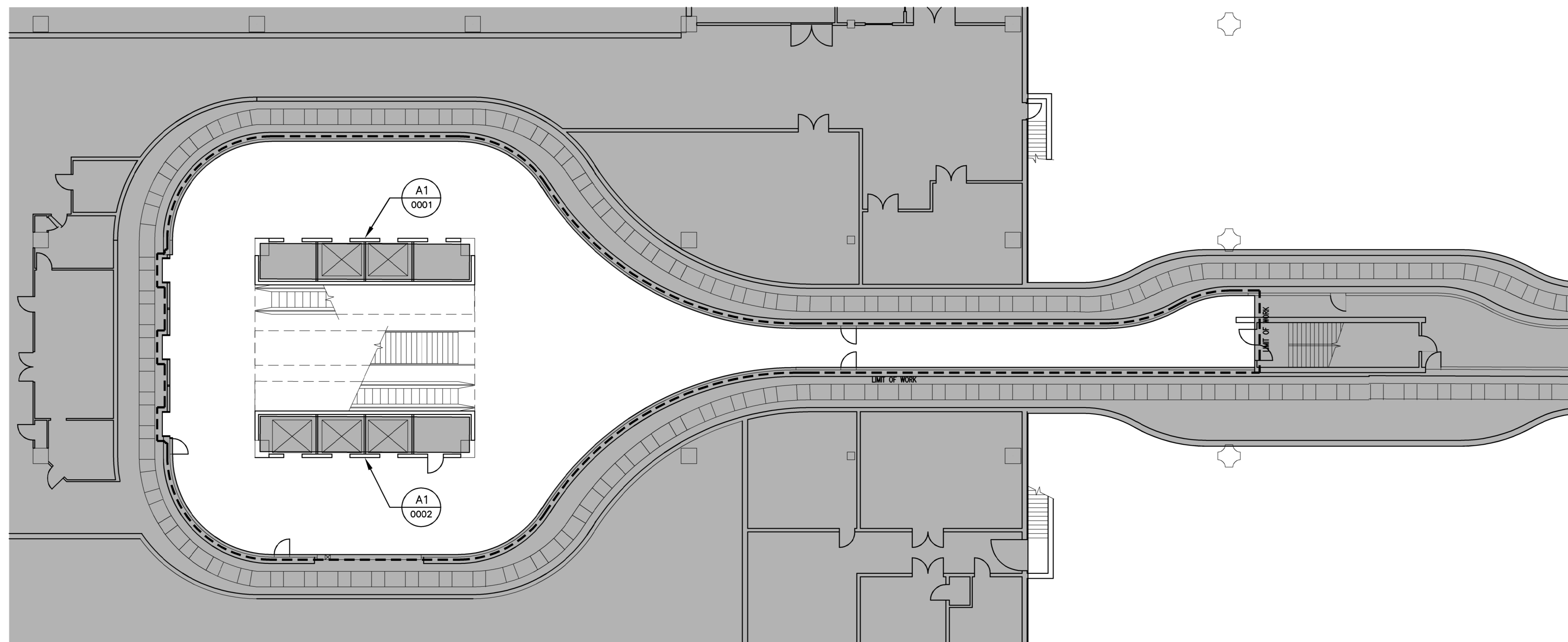
100% Design
Issue Date: 08.31.2020

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4.18 MESSAGE SCHEDULE - TERMINAL A LEVEL 2 CURBSIDE

(2 of 2)

Sheet: 4-58



FLOOR PLAN - SUBWAY LEVEL | N.T.S. | 1

LEGEND

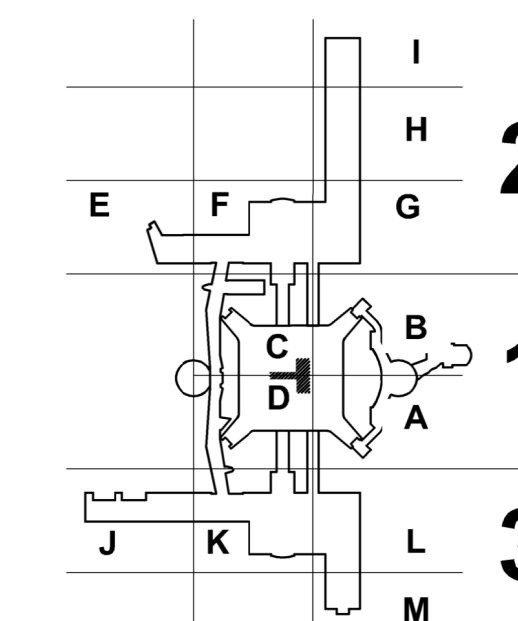
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

1. REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



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 77032
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ARCHITECT



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 [F] 713 968 9333
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 DIRECTOR OF DESIGN
 REPRESENTATIVE
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PROJECT NAME

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 & WAYFINDING

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PROJECT LOCATION

IAH TERMINAL A
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

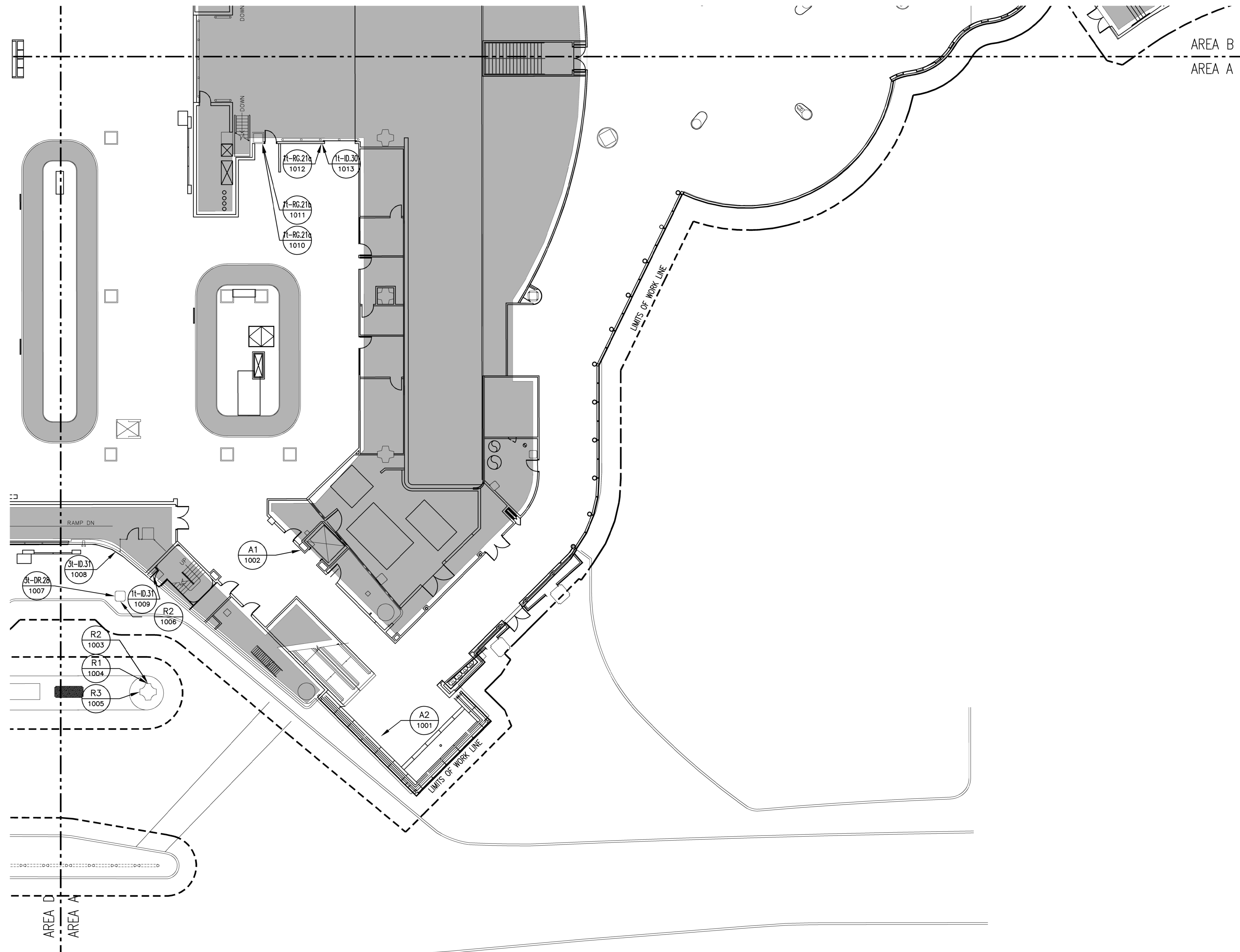
SHEET TITLE

FLOOR PLAN -
 SUBWAY LEVEL

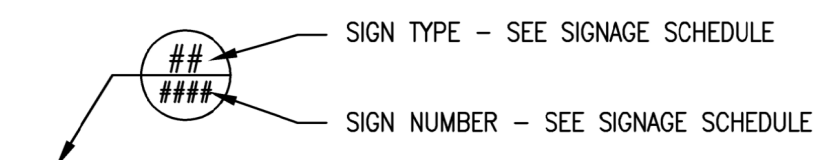
SHEET NUMBER

A2.001

FILE NAME: A2.101A (100% FINAL) WORKING LDRG - AREA A (22/04).DWG
 DATE STAMP: 8/27/2020 2:14:27 PM



LEGEND

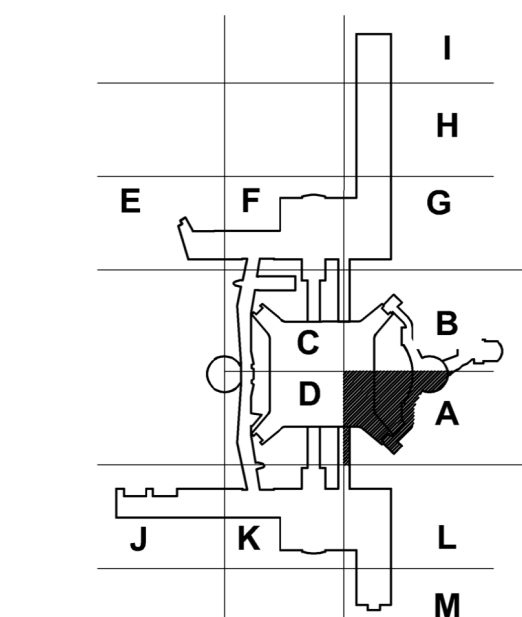


GENERAL NOTES

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3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
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5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



FLOOR PLAN - LEVEL BAGGAGE - AREA A N.T.S. (1)

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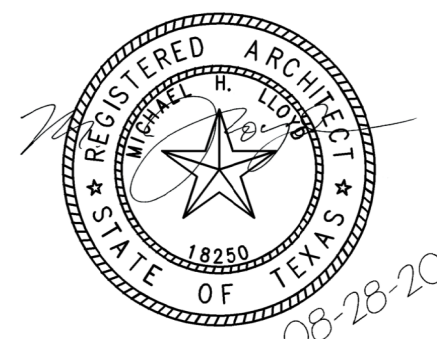


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 DIRECTOR OF DESIGN
 REPRESENTATIVE
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 TERMINAL A SIGNAGE & WAYFINDING
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PROJECT LOCATION
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 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

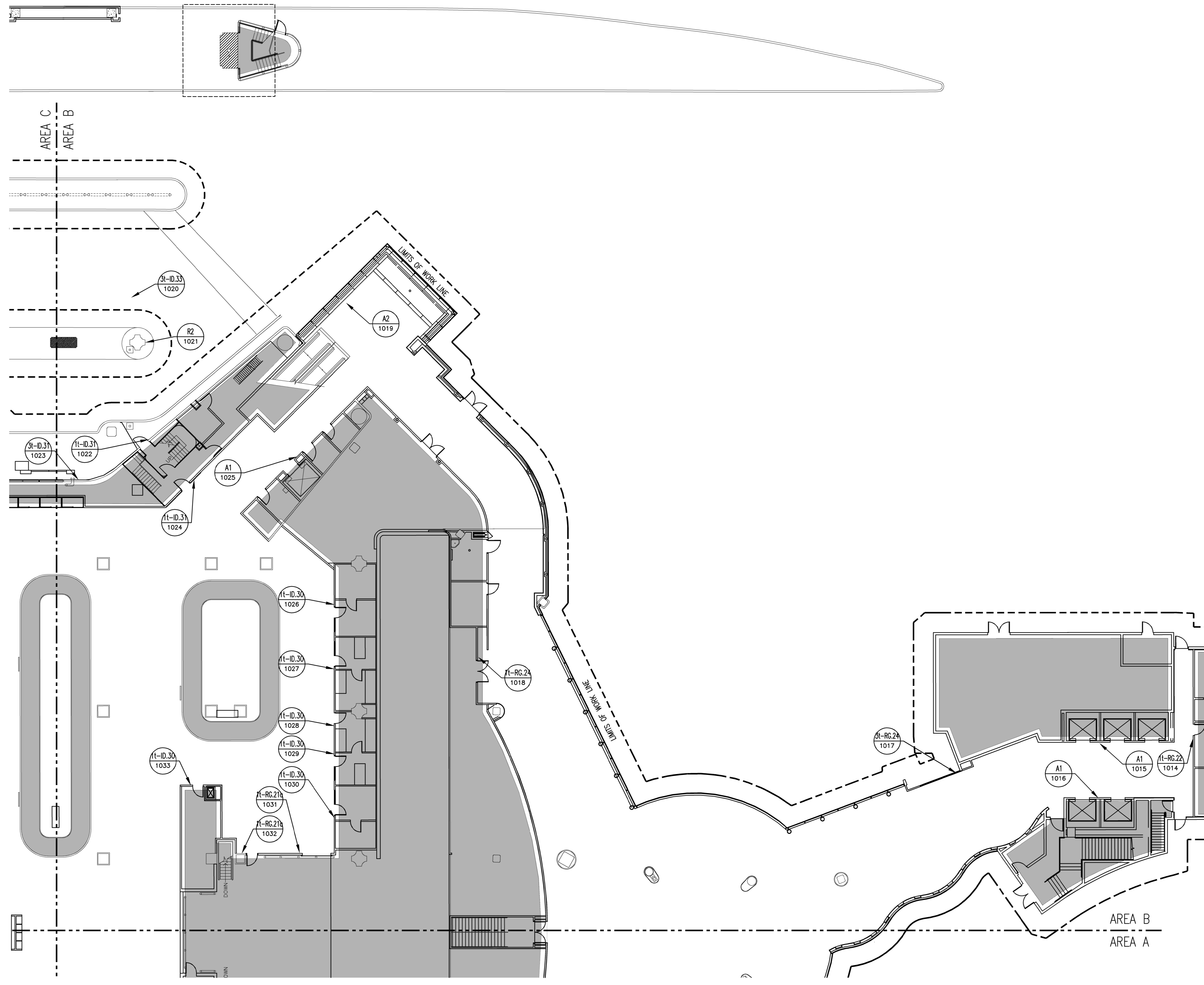
SHEET TITLE

FLOOR PLAN -
 LEVEL BAGGAGE
 SECTOR 01 - AREA A

SHEET NUMBER

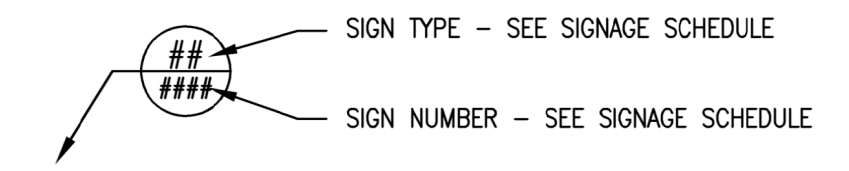
A2.101A

FILE NAME: A2.101B FLOOR PLAN WORK LINE AREA B (22/04/20)
 DATE STAMP: 8/27/2020 2:15:31 PM



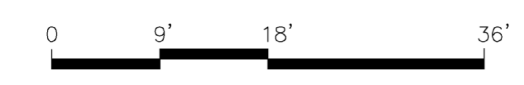
FLOOR PLAN - LEVEL BAGGAGE - AREA B N.T.S. 1

LEGEND

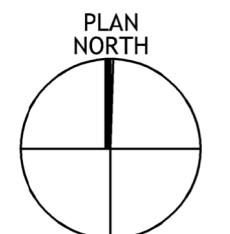
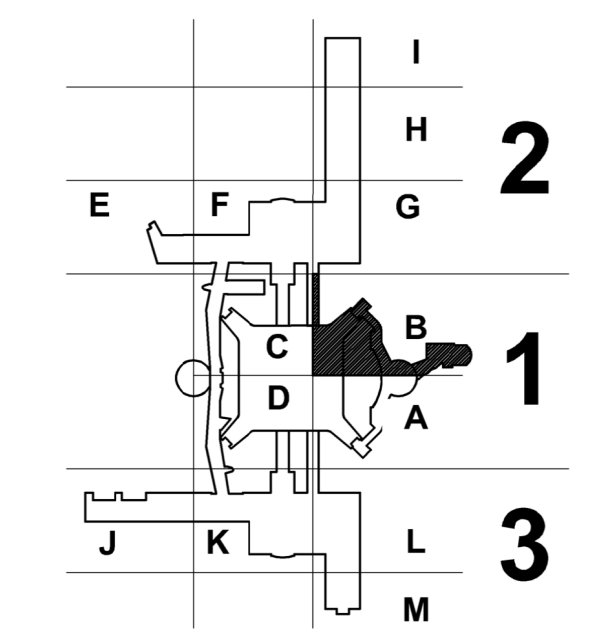


GENERAL NOTES

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2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



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ARCHITECT



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HAS REPRESENTATIVE

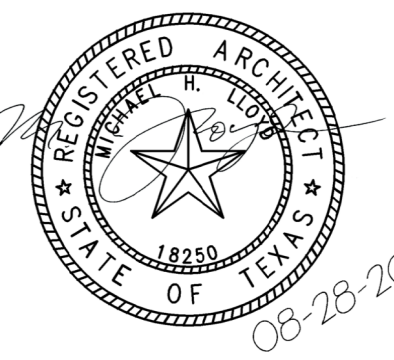
DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE
 DATE:
 HAS TIP # 2575 -IAH

PROJECT NAME

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 TERMINAL A SIGNAGE & WAYFINDING

REGISTRATION

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PROJECT LOCATION

IAH TERMINAL A
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 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

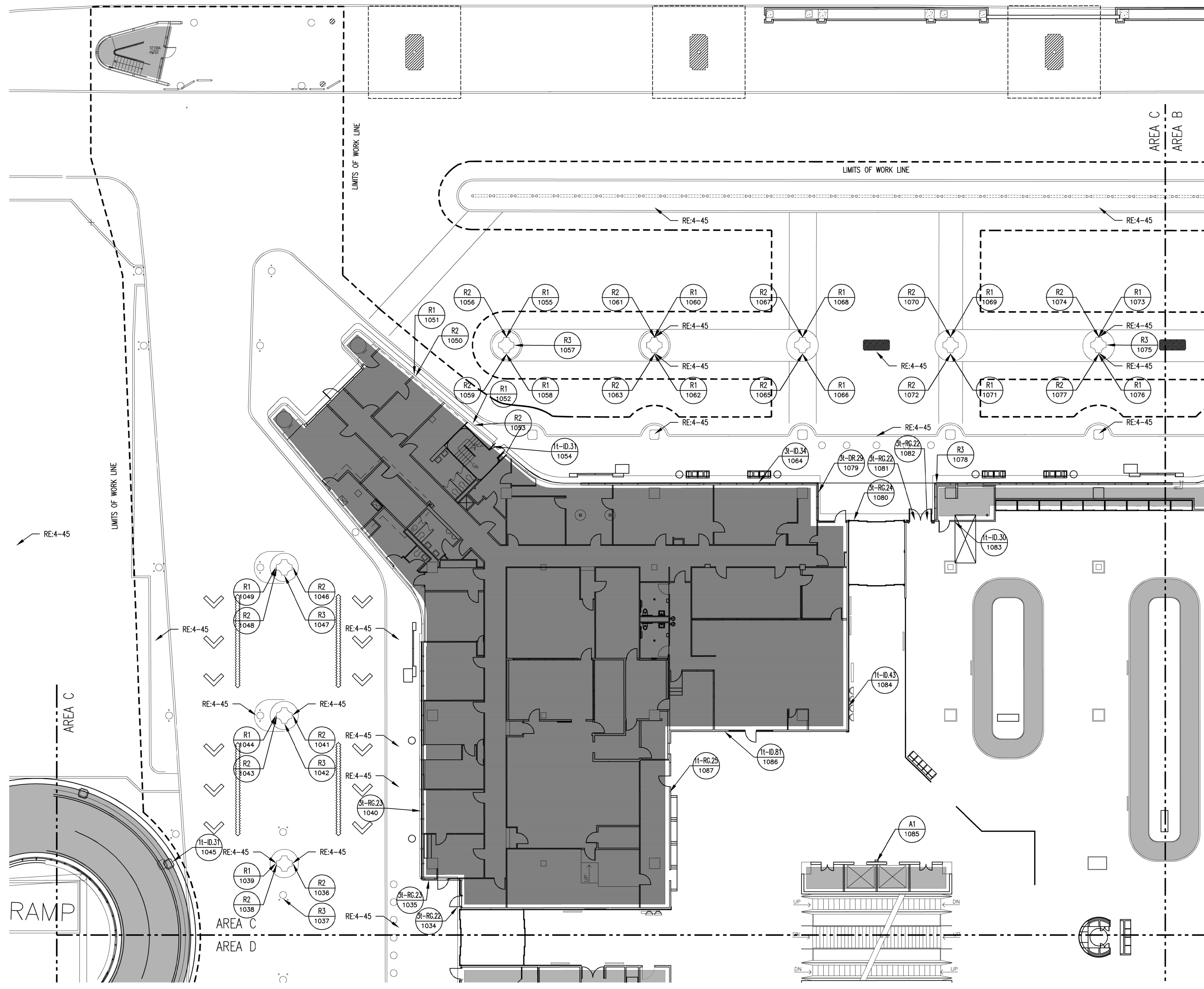
SHEET TITLE

FLOOR PLAN -
 LEVEL BAGGAGE
 SECTOR 01 - AREA B

SHEET NUMBER

A2.101B

FILE NAME: A2.101C - FLOOR PLAN WORK AREA C (22/04/19)
 DATE STAMP: 8/27/2020 2:06:46 PM



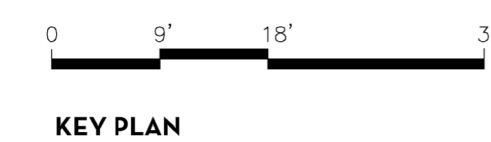
FLOOR PLAN - LEVEL BAGGAGE - AREA C | N.T.S. | 1

LEGEND

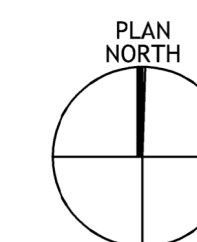
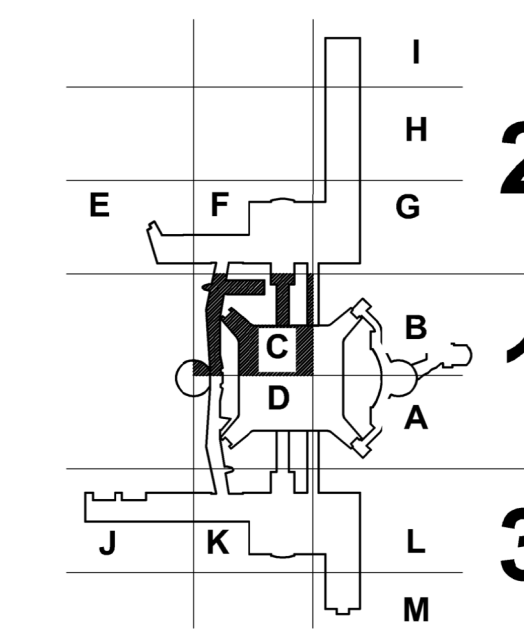
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



CLIENT



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ARCHITECT



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HAS REPRESENTATIVE

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 RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE
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 HAS TIP # 2575 -IAH

PROJECT NAME
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PROJECT LOCATION
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 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

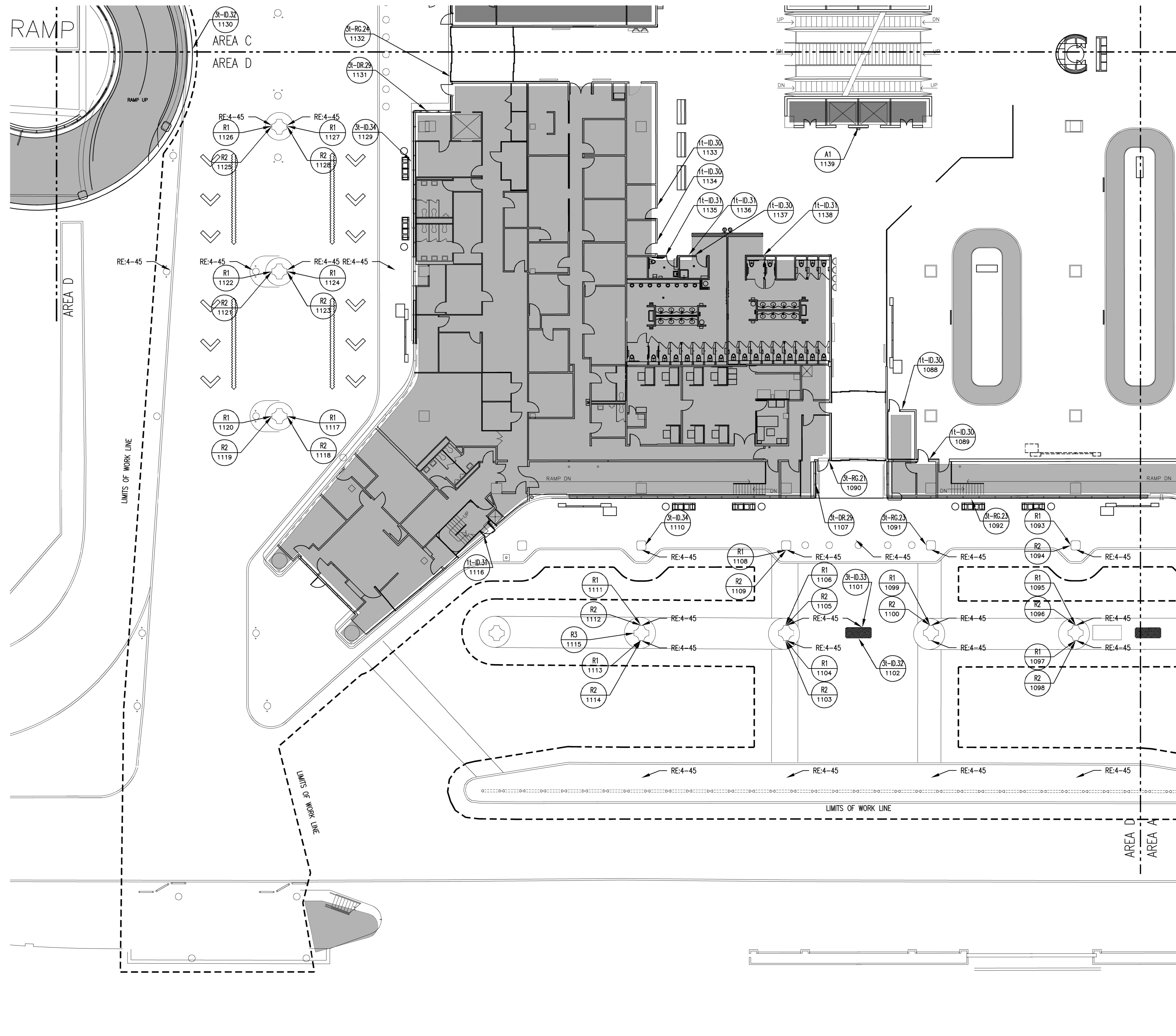
SHEET TITLE

FLOOR PLAN -
 LEVEL BAGGAGE
 SECTOR 01 - AREA C

SHEET NUMBER

A2.101C

FILE NAME: A2.101D (1000) FLOOR PLAN WORK AREA AREA 0 (22/04/19)
 DATE STAMP: 8/27/2020 2:56:42 PM



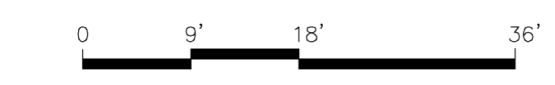
FLOOR PLAN - LEVEL BAGGAGE - AREA D | N.T.S. 1

LEGEND

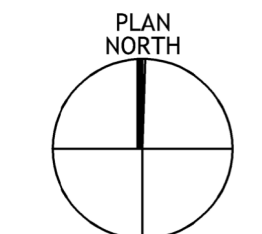
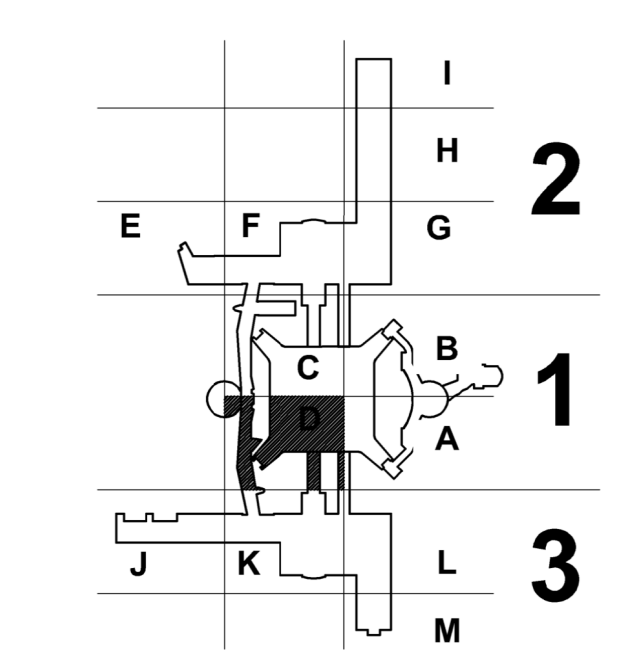
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

1. REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



CLIENT



HAS AVIATION DEPT.
 16930 JOHN F. KENNEDY
 BLVD. HOUSTON TX
 77032
 [T] (281) 233-1757
 [F] (281) 233-1800

ARCHITECT



3131 BRIARPARK DRIVE
 SUITE 200
 HOUSTON, TX 77042
 [T] 713 622 1444
 [F] 713 968 9333
 www.pgal.com

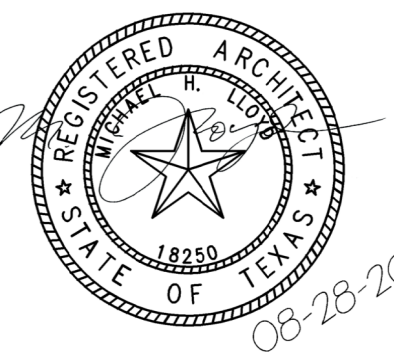
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

SHEET TITLE

FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA D

SHEET NUMBER

A2.101D



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16930 JOHN F. KENNEDY
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ARCHITECT



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HAS REPRESENTATIVE

DEPARTMENT OF
AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OR DESIGN
REPRESENTATIVE
DATE:
HAS TIP # 2575 -IAH

PROJECT NAME
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PROJECT LOCATION
IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

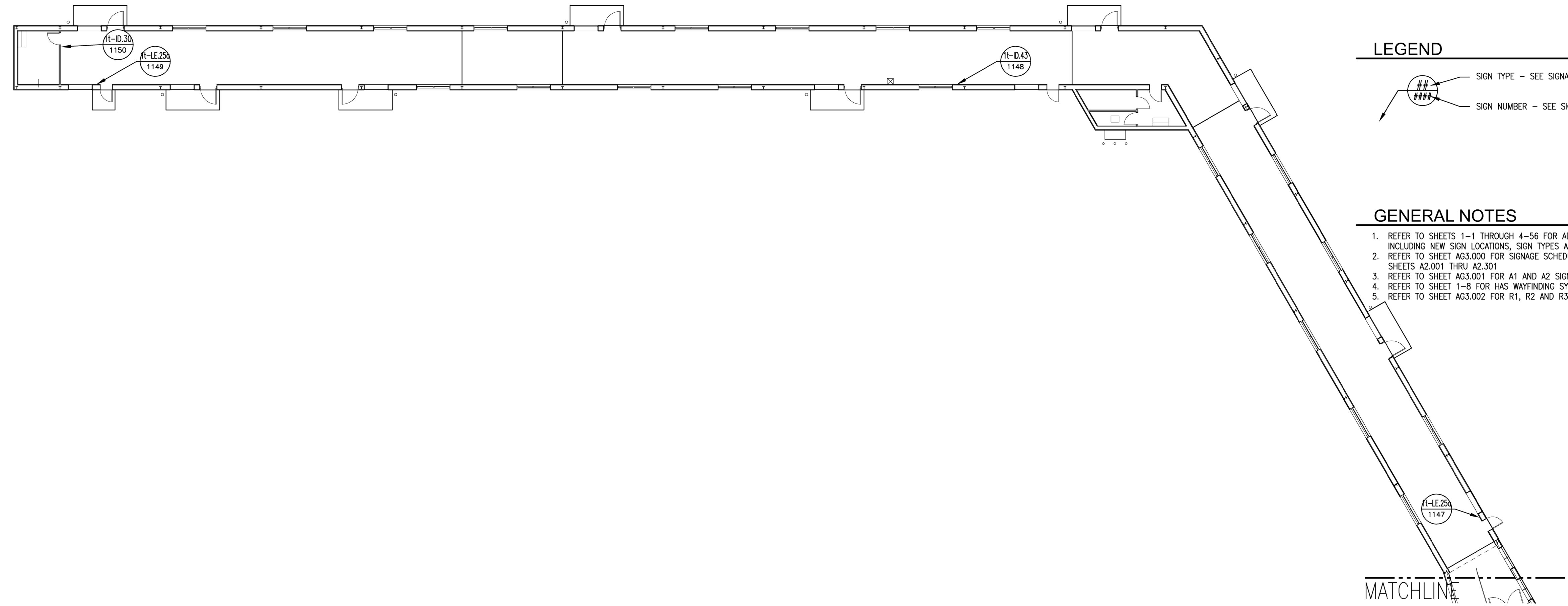
PROJECT NUMBER
1003770

SHEET TITLE

FLOOR PLAN -
LEVEL BAGGAGE
SECTOR 02 - AREA E

SHEET NUMBER

A2.102E



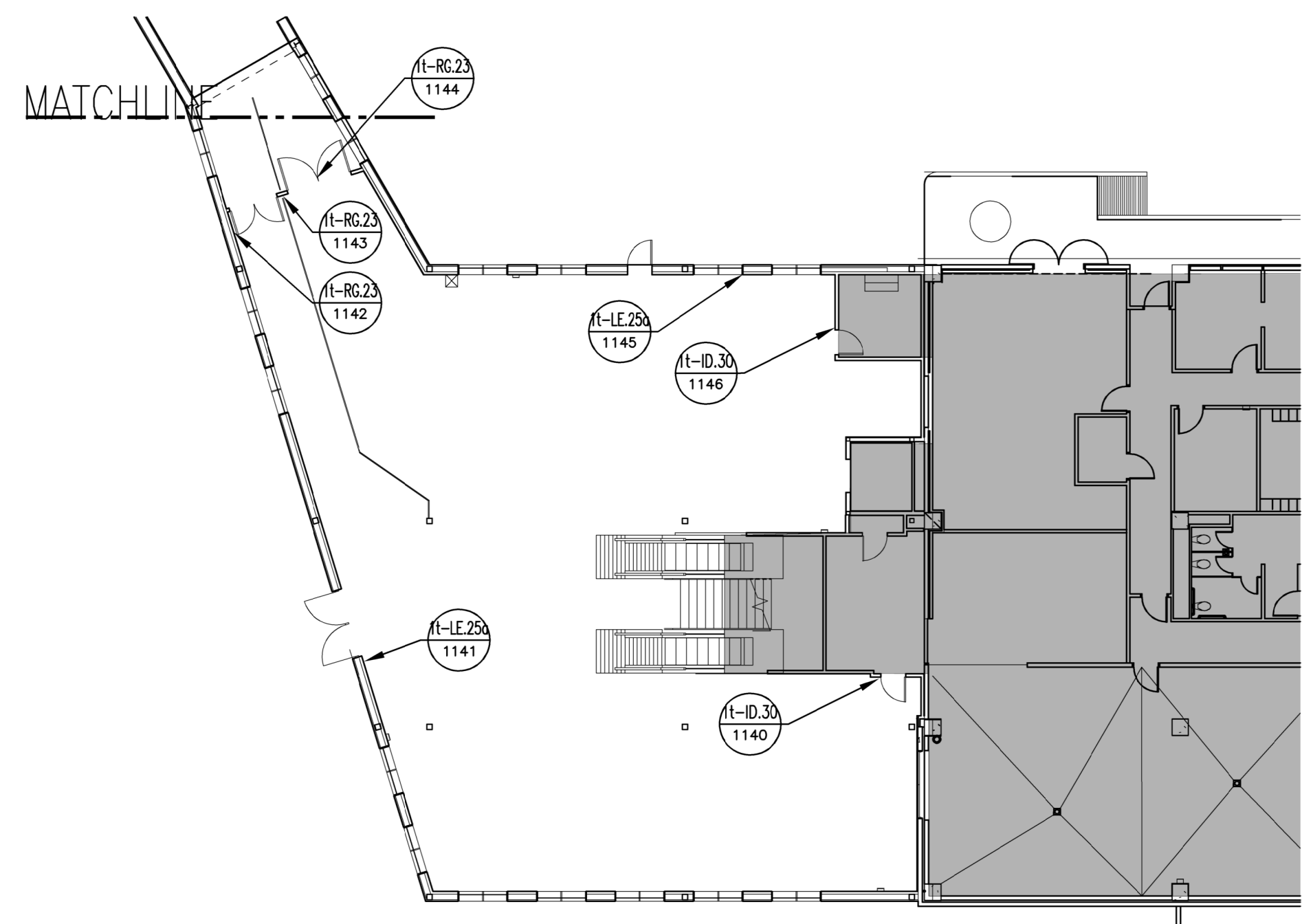
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- ### SIGN NUMBER - SEE SIGNAGE SCHEDULE

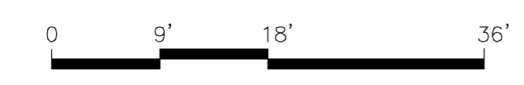
GENERAL NOTES

- REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
- REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
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- REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
- REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES

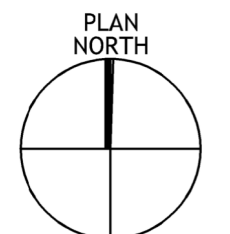
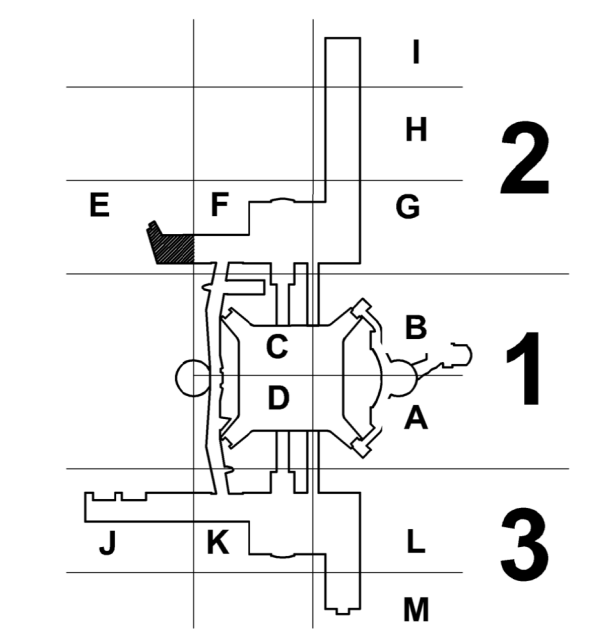
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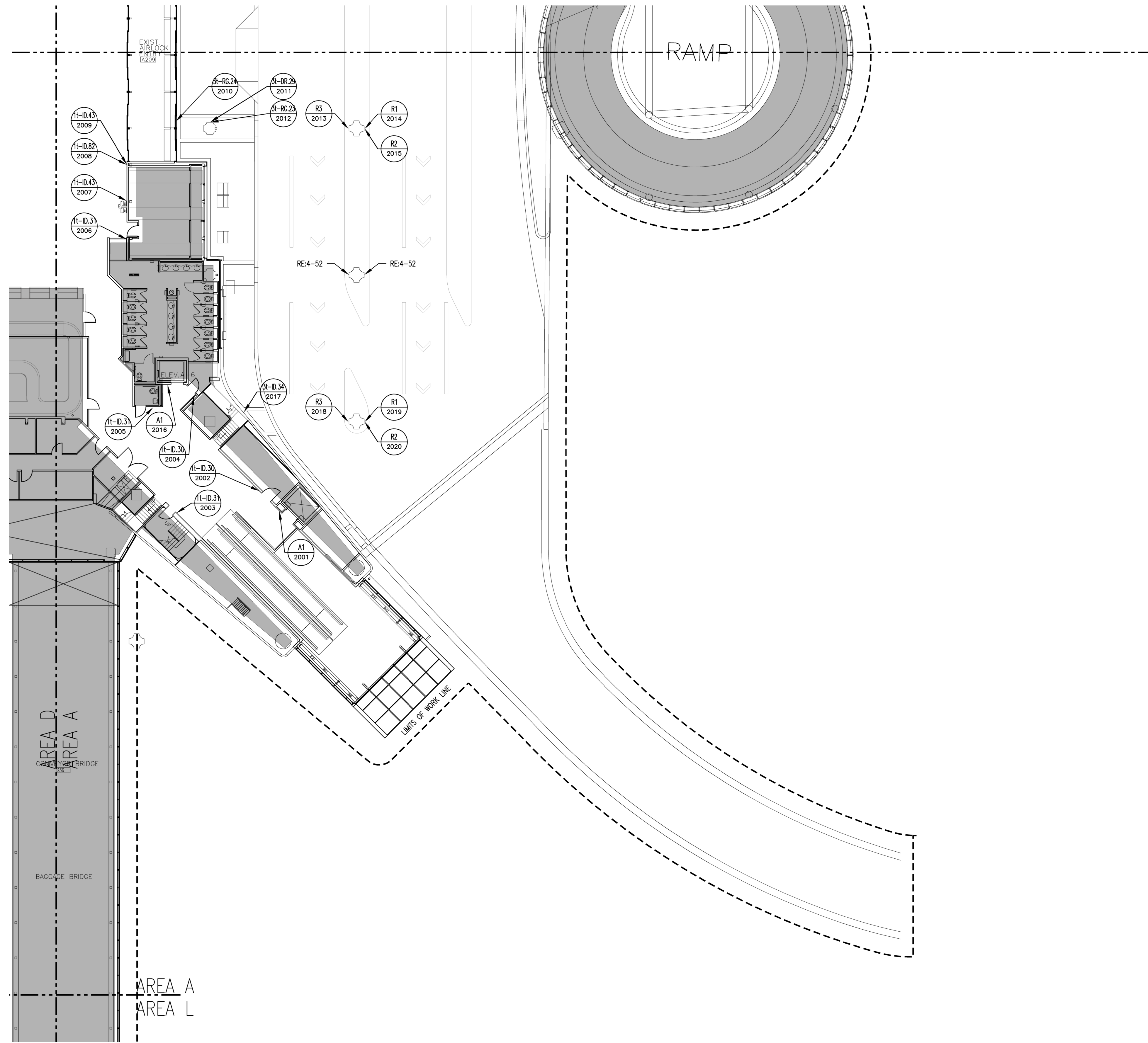
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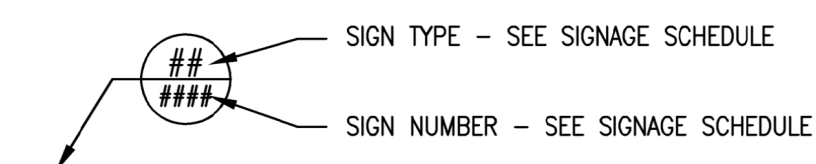
KEY PLAN



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 DATE STAMP: 8/27/2020 2:02:02 PM

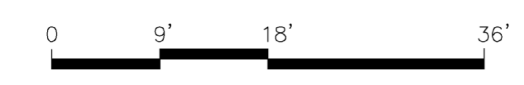


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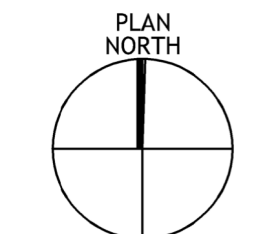
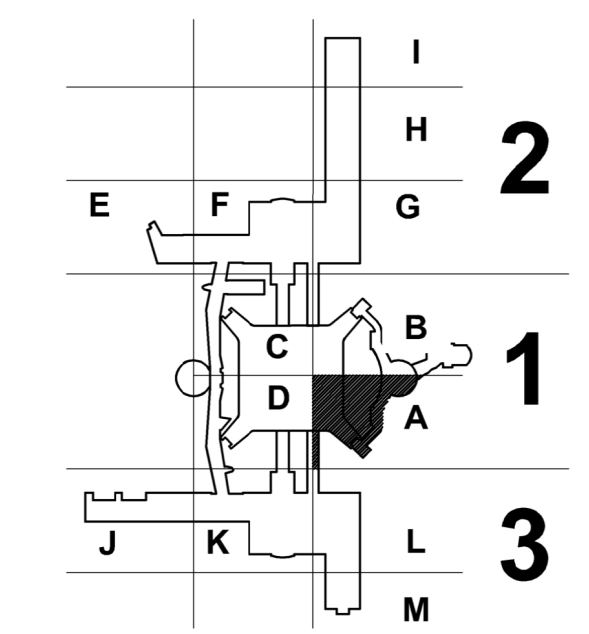


GENERAL NOTES

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5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



FLOOR PLAN - LEVEL TICKETING - AREA A | N.T.S. | 1

CLIENT



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ARCHITECT



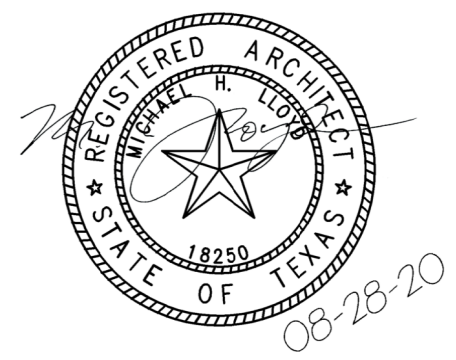
3131 BRIARPARK DRIVE
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 HOUSTON, TX 77042
 [T] 713 622 1444
 [F] 713 968 9333
 www.pgal.com

HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME
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PROJECT LOCATION
 IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

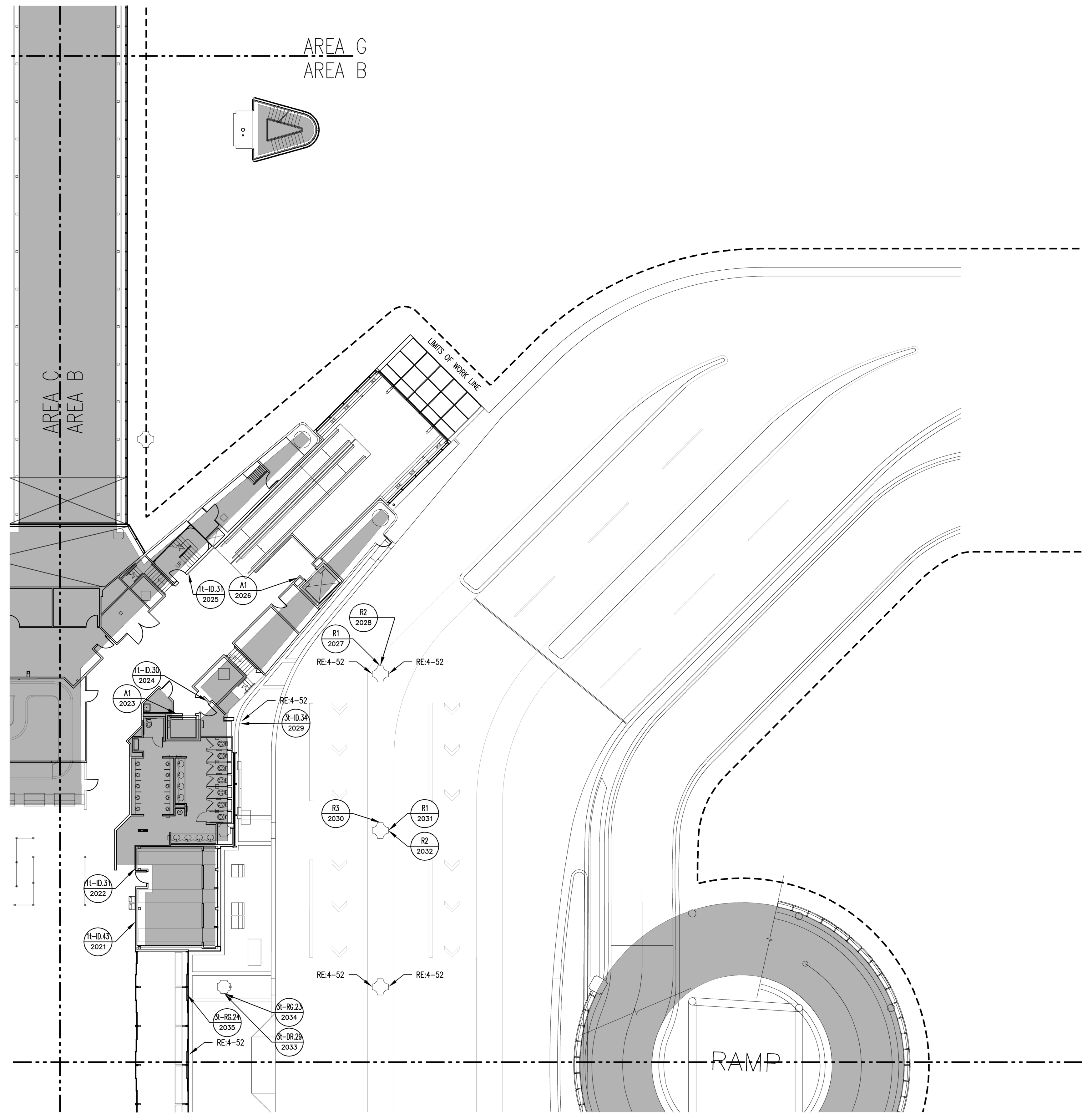
PROJECT NUMBER
 1003770

SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 01 - AREA A

SHEET NUMBER
 A2.201A

FILE NAME: A2.201B (1000 PLAN) DWG. LVD. AREA B (2/20/20) DWG
 DATE STAMP: 8/27/2020 15:02 PM



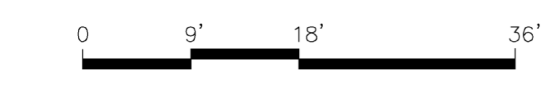
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LEGEND

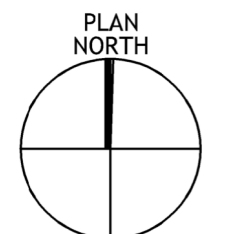
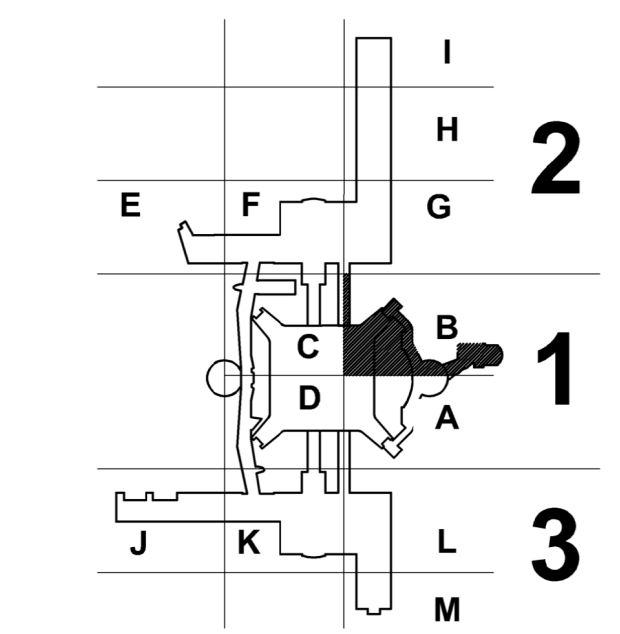
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



CLIENT



HAS AVIATION DEPT.
 16930 JOHN F. KENNEDY
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 [F] (281) 233-1800

ARCHITECT



3131 BRIARPARK DRIVE
 SUITE 200
 HOUSTON, TX 77042
 [T] 713 622 1444
 [F] 713 968 9333
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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE

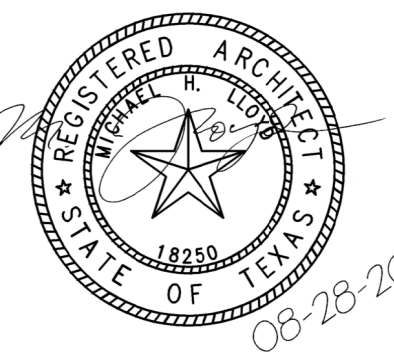
DATE:
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM
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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

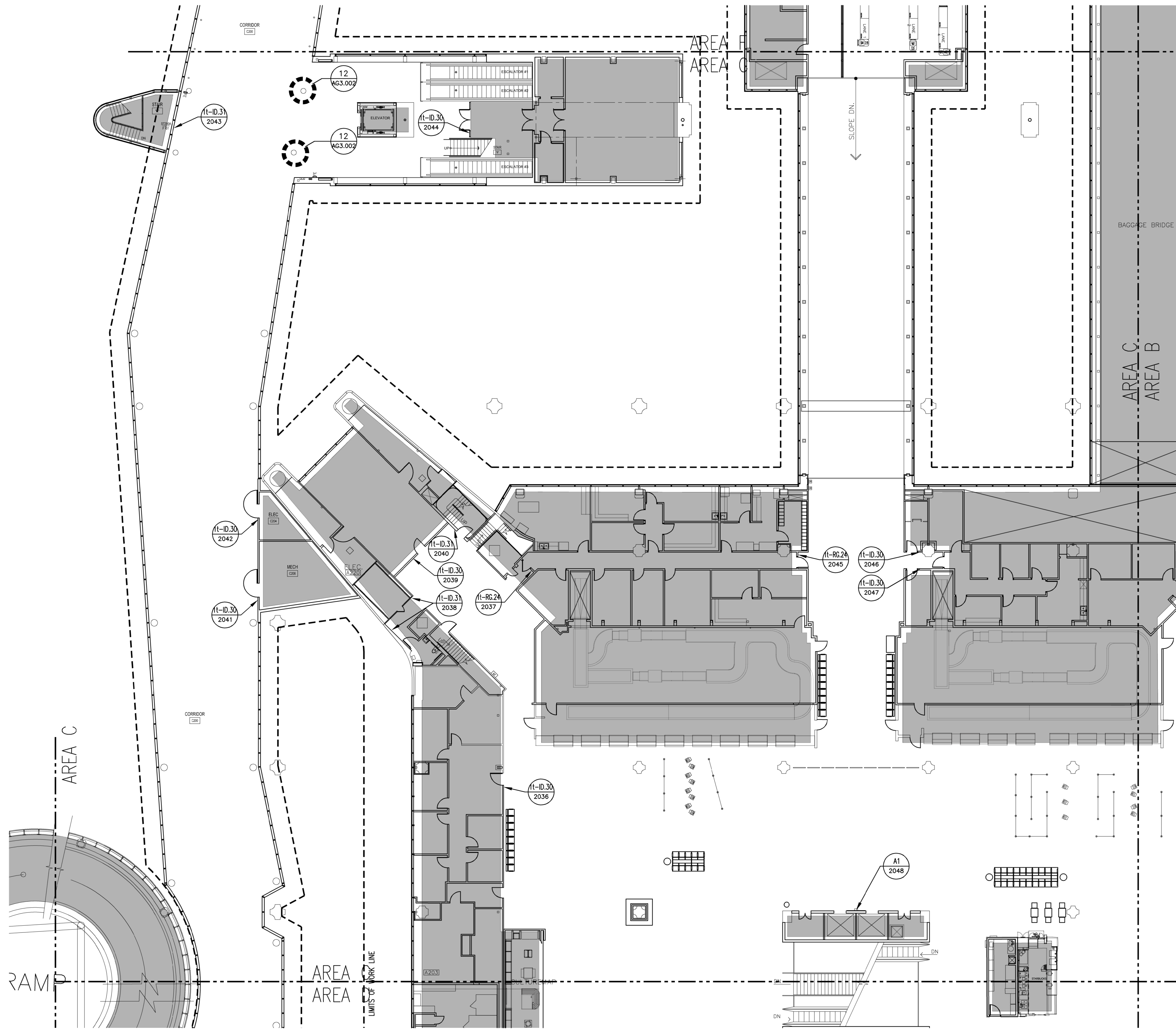
SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 01 - AREA B

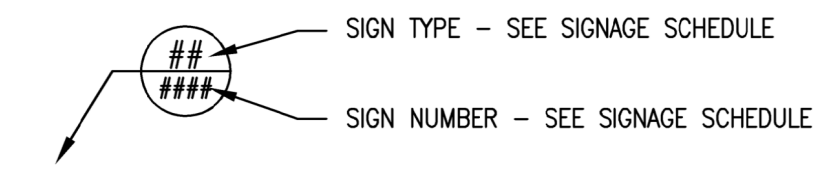
SHEET NUMBER

A2.201B

FILE NAME: A2.201C - 100% PLAN DRAWING - IAH - AREA C - (2/20/20)DWG
 DATE STAMP: 8/27/2020 15:25:25 PM



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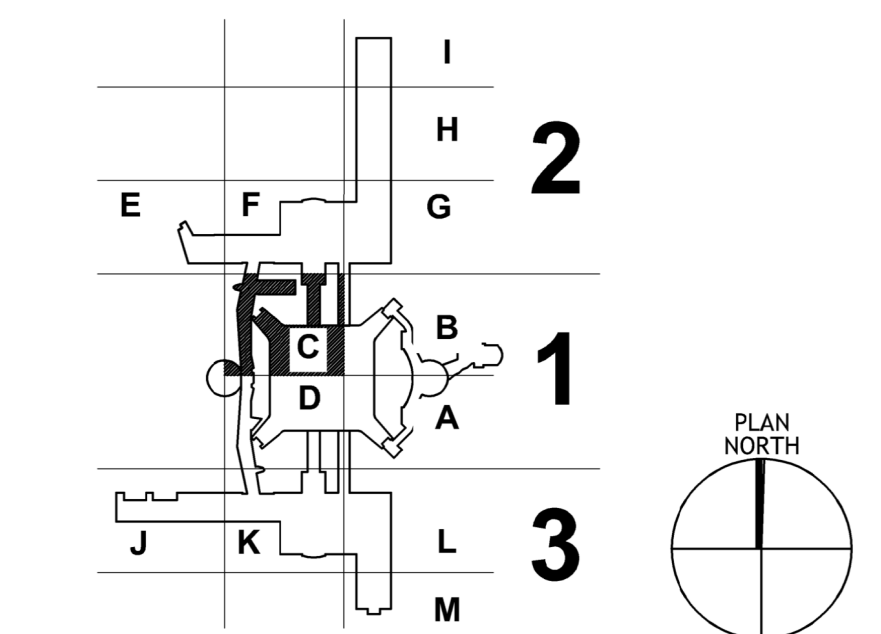


GENERAL NOTES

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4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



HAS AVIATION DEPT.
 16930 JOHN F. KENNEDY
 BLVD. HOUSTON TX
 77032
 [T] (281) 233-1575
 [F] (281) 233-1800



3131 BRIARPARK DRIVE
 SUITE 200
 HOUSTON, TX 77042
 [T] 713 622 1444
 [F] 713 968 9333
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HAS REPRESENTATIVE

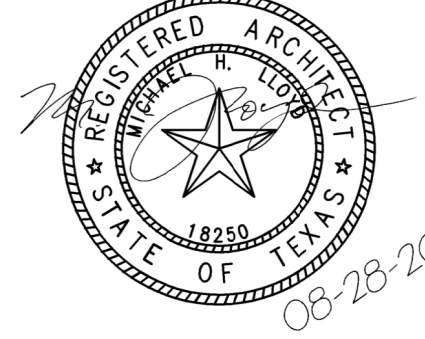
DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM
 TERMINAL A SIGNAGE
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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

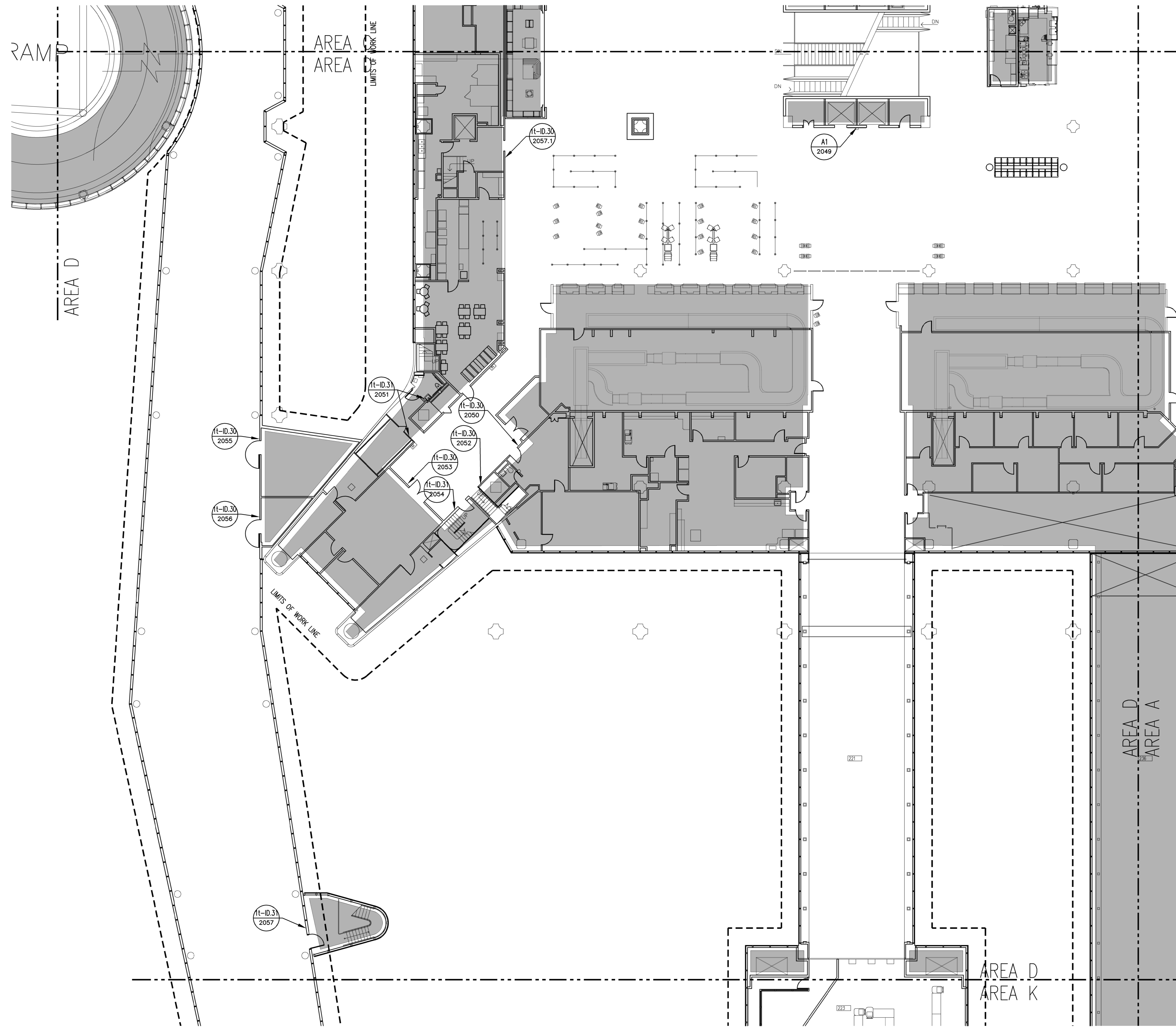
SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 01 - AREA C

SHEET NUMBER

A2.201C

FILE NAME: A2.201D (100% FINAL) DWG. LVD. AEA © (2/20/20) DWG
 DATE STAMP: 8/27/2020 15:423 PM



FLOOR PLAN - LEVEL TICKETING - AREA D N.T.S. ①

LEGEND

SIGN TYPE - SEE SIGNAGE SCHEDULE
 SIGN NUMBER - SEE SIGNAGE SCHEDULE

- GENERAL NOTES**
1. REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
 2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
 3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
 4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
 5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES

0 9' 18' 36'

KEY PLAN

PLAN NORTH

CLIENT



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 16930 JOHN F. KENNEDY
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 77032
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 [F] (281) 233-1800

ARCHITECT



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 SUITE 200
 HOUSTON, TX 77042
 [T] 713 622 1444
 [F] 713 968 9333
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HAS REPRESENTATIVE

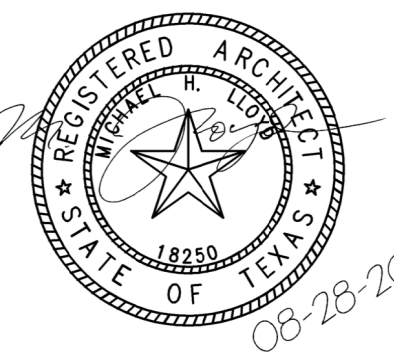
DEPARTMENT OF AVIATION
 RECOMMENDED:

HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
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DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME
 HOUSTON AIRPORT SYSTEM
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 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
 1003770

SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 01 - AREA D

SHEET NUMBER

A2.201D

CLIENT



HAS AVIATION DEPT.
16930 JOHN F. KENNEDY
BLVD. HOUSTON TX
77032
[T] (281) 233-1757
[F] (281) 233-1800

ARCHITECT



3131 BRIARPARK DRIVE
SUITE 200
HOUSTON, TX 77042
[T] 713 622 1444
[F] 713 968 9333
www.pgal.com

HAS REPRESENTATIVE

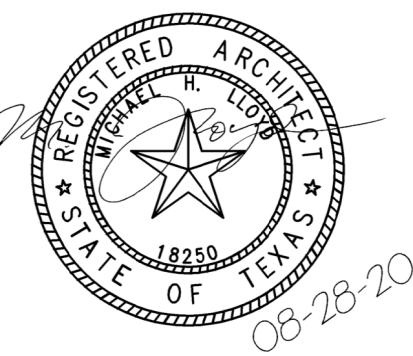
DEPARTMENT OF AVIATION RECOMMENDED:	HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE	DATE:
	HAS TIP # 2575 -IAH	

PROJECT NAME

HOUSTON
AIRPORT SYSTEM
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PROJECT LOCATION

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HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

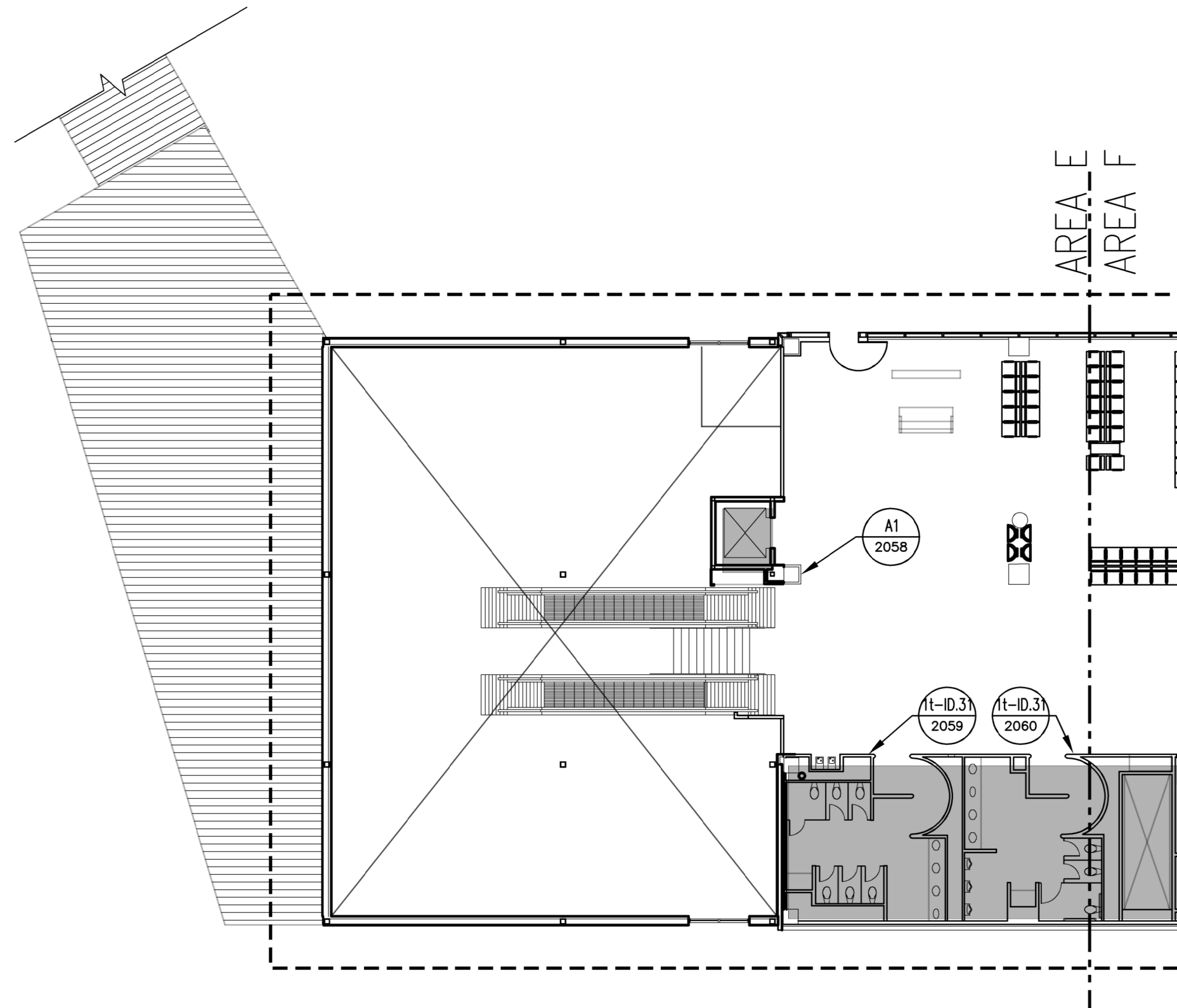
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SHEET TITLE

FLOOR PLAN -
LEVEL TICKETING
SECTOR 02 - AREA E

SHEET NUMBER

A2.202E



LEGEND

- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

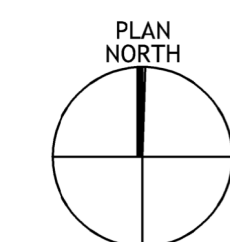
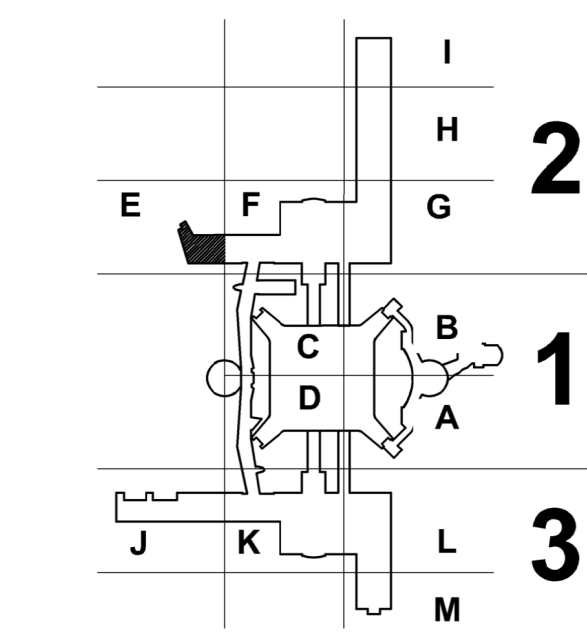
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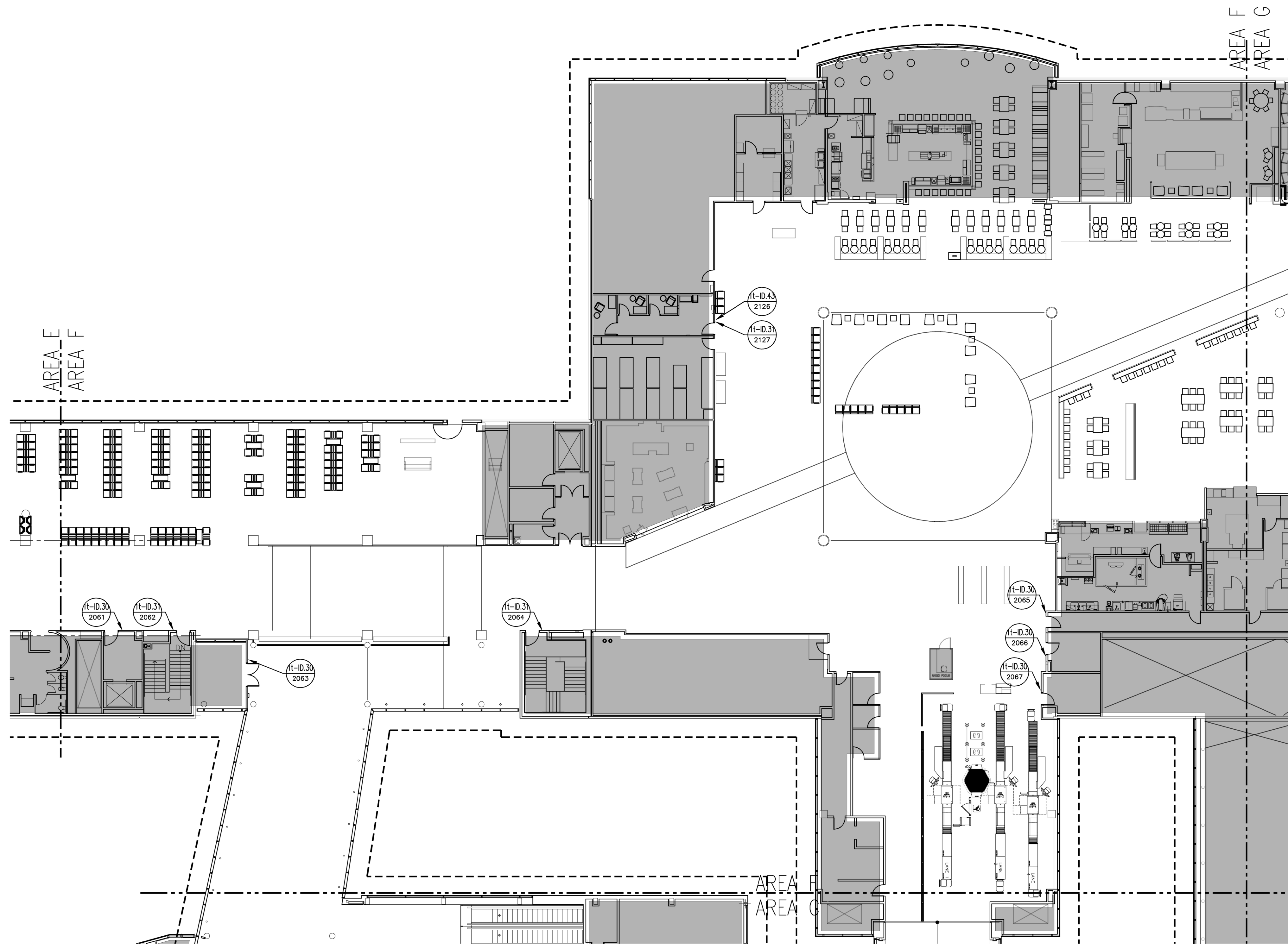
GENERAL NOTES

- REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
- REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
- REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
- REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
- REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



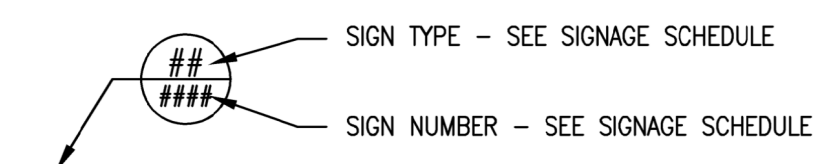
KEY PLAN





FLOOR PLAN - LEVEL TICKETING - AREA F | N.T.S. ①

LEGEND

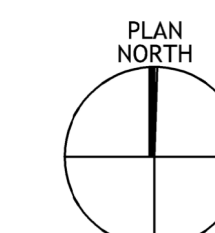
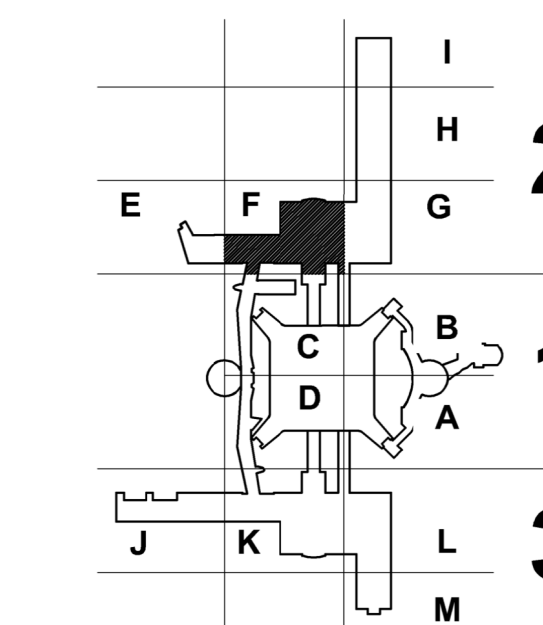


GENERAL NOTES

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4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



CLIENT



HAS AVIATION DEPT.
 16930 JOHN F. KENNEDY
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ARCHITECT



3131 BRIARPARK DRIVE
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 [T] 713 622 1444
 [F] 713 968 9333
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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

REGISTRATION

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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

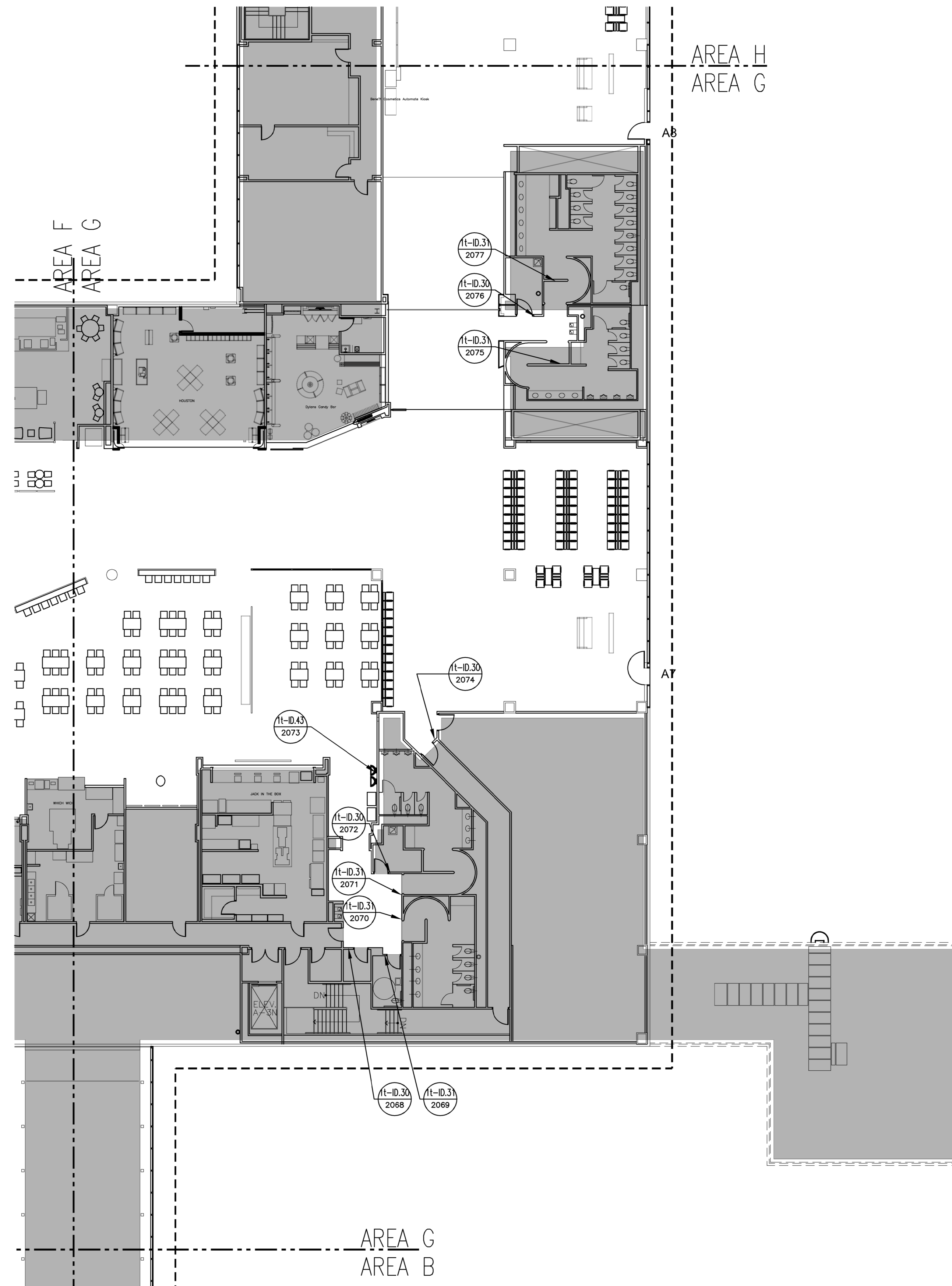
1003770

SHEET TITLE

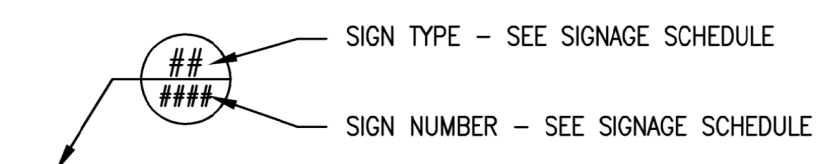
FLOOR PLAN - LEVEL TICKETING
 SECTOR 02 - AREA F

SHEET NUMBER

A2.202F



LEGEND

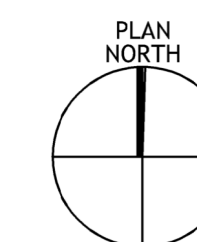
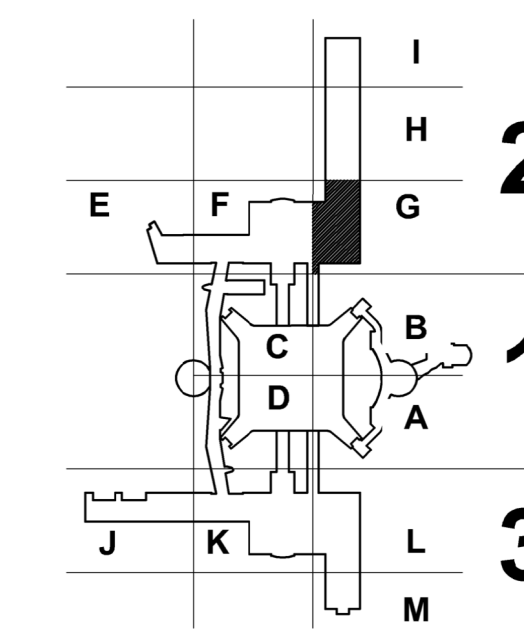


GENERAL NOTES

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5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



FLOOR PLAN - LEVEL TICKETING - AREA G | N.T.S. | 1

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ARCHITECT



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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE
 DATE:
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM
 TERMINAL A SIGNAGE
 & WAYFINDING

REGISTRATION

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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

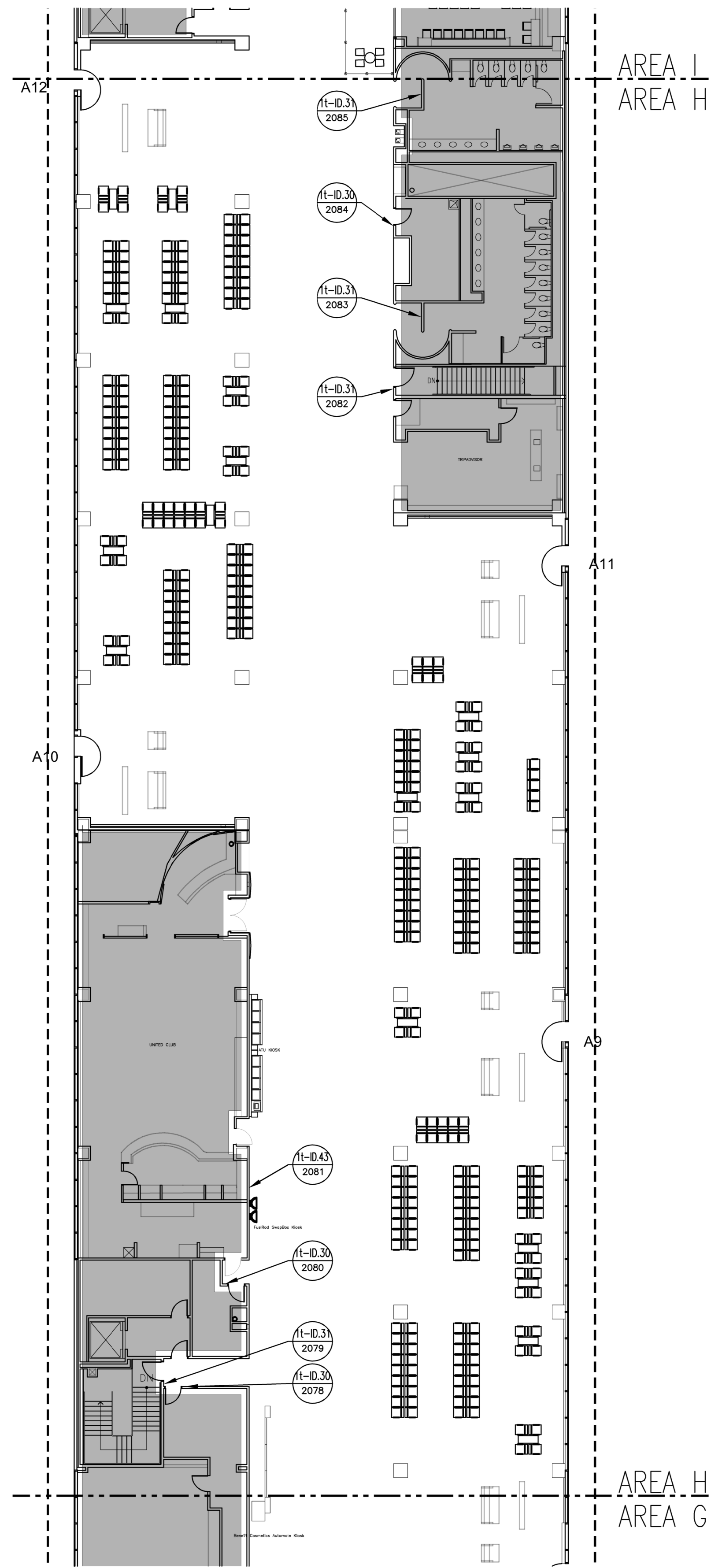
1003770

SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 02 - AREA G

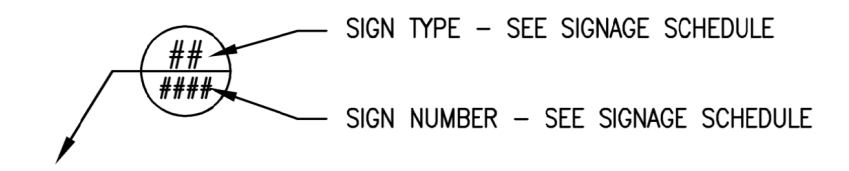
SHEET NUMBER

A2.202G



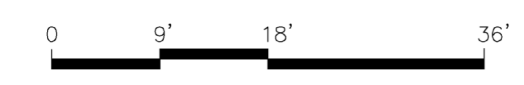
FLOOR PLAN - LEVEL TICKETING - AREA H | N.T.S. (1)

LEGEND

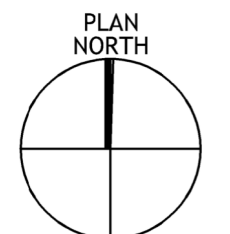
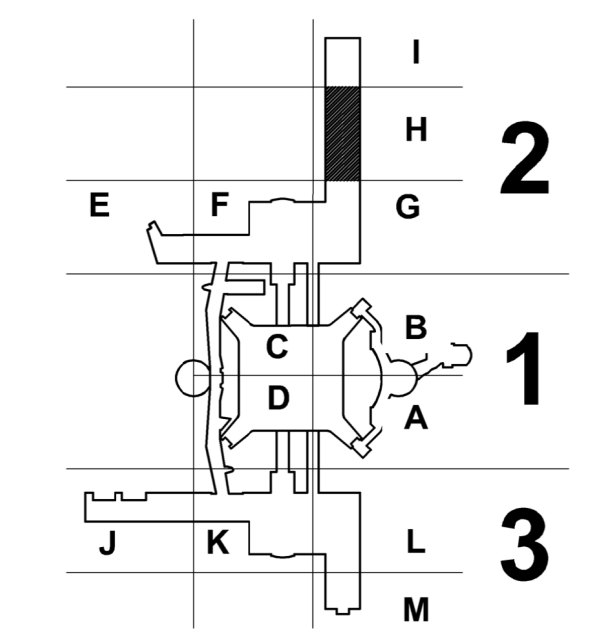


GENERAL NOTES

1. REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS
2. REFER TO SHEET AG3.000 FOR SIGNAGE SCHEDULE IN REFERENCE TO SHEETS A2.001 THRU A2.301
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



CLIENT



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 [F] (281) 233-1800

ARCHITECT



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 [T] 713 622 1444
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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION	RECOMMENDED:	DATE:
	HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE	HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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IAH TERMINAL A
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

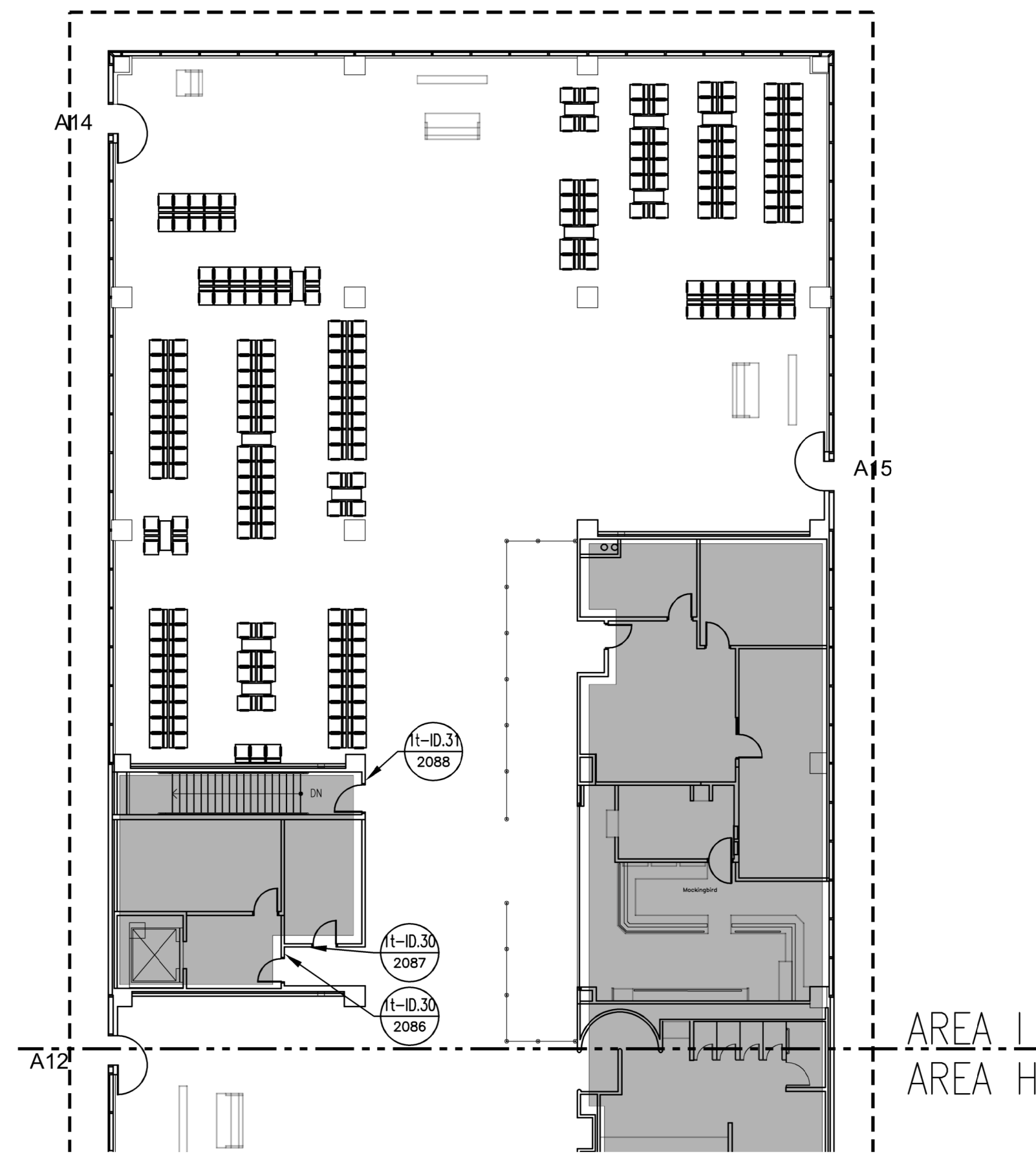
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SHEET TITLE

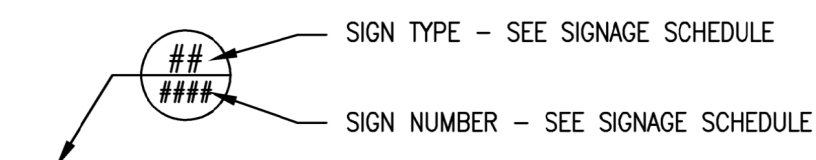
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SHEET NUMBER

A2.202H



LEGEND

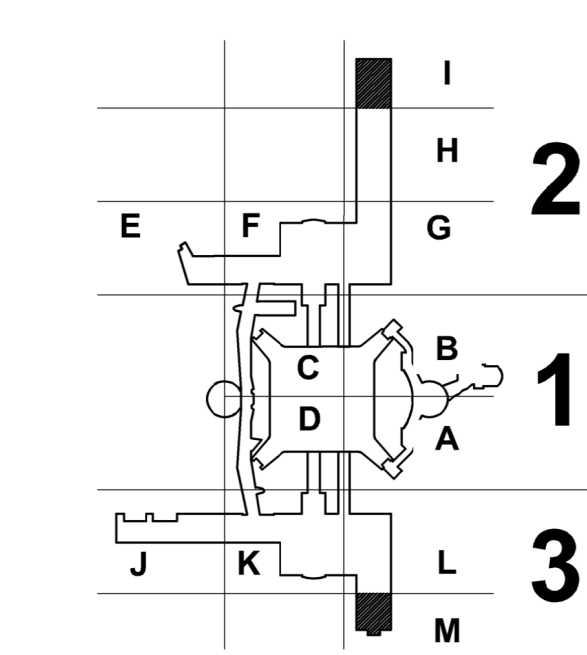


GENERAL NOTES

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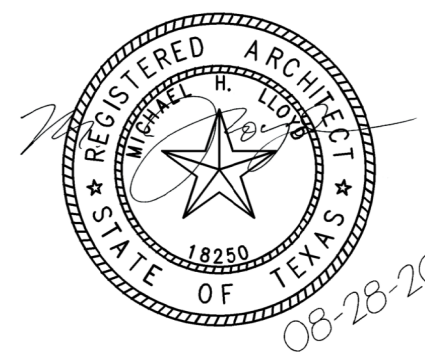
DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OR DESIGN
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

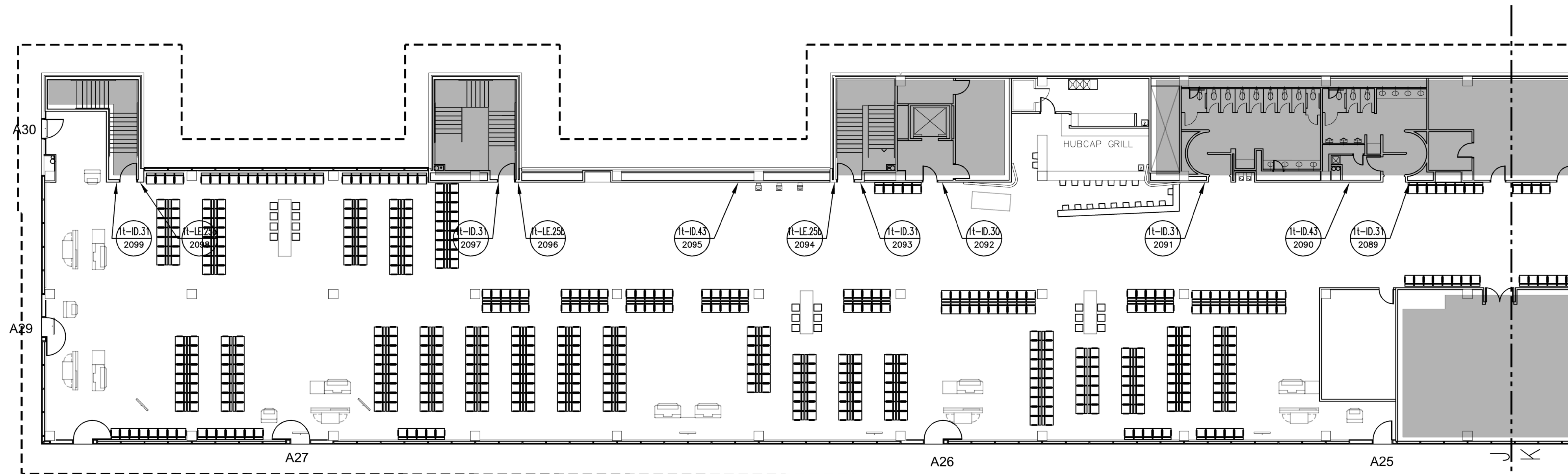
SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 02 - AREA I

SHEET NUMBER

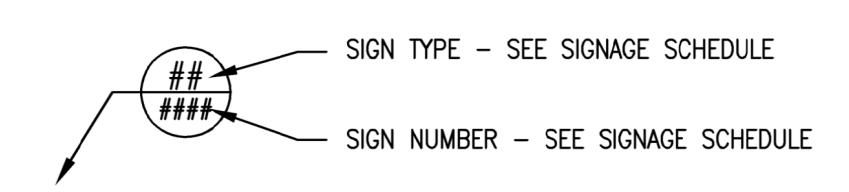
A2.2021

FILE NAME: A203 1000 P&ID.DWG DATE: 08/21/20
 DATE STAMP: 8/27/2020 1:52:34 PM



FLOOR PLAN - LEVEL TICKETING - AREA J | N.T.S. ①

LEGEND

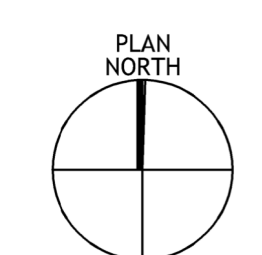
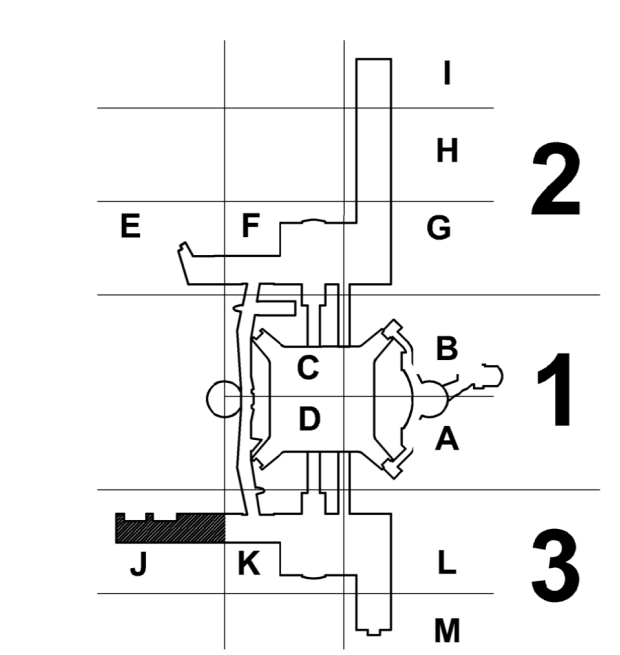


GENERAL NOTES

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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE

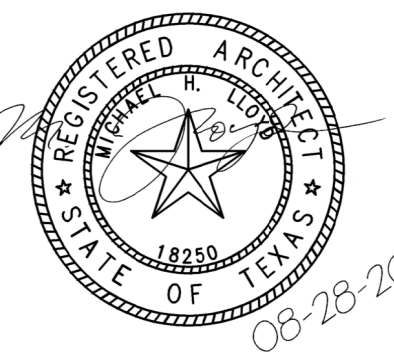
DATE: _____
 HAS TIP # 2575 -IAH

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IAH TERMINAL A
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

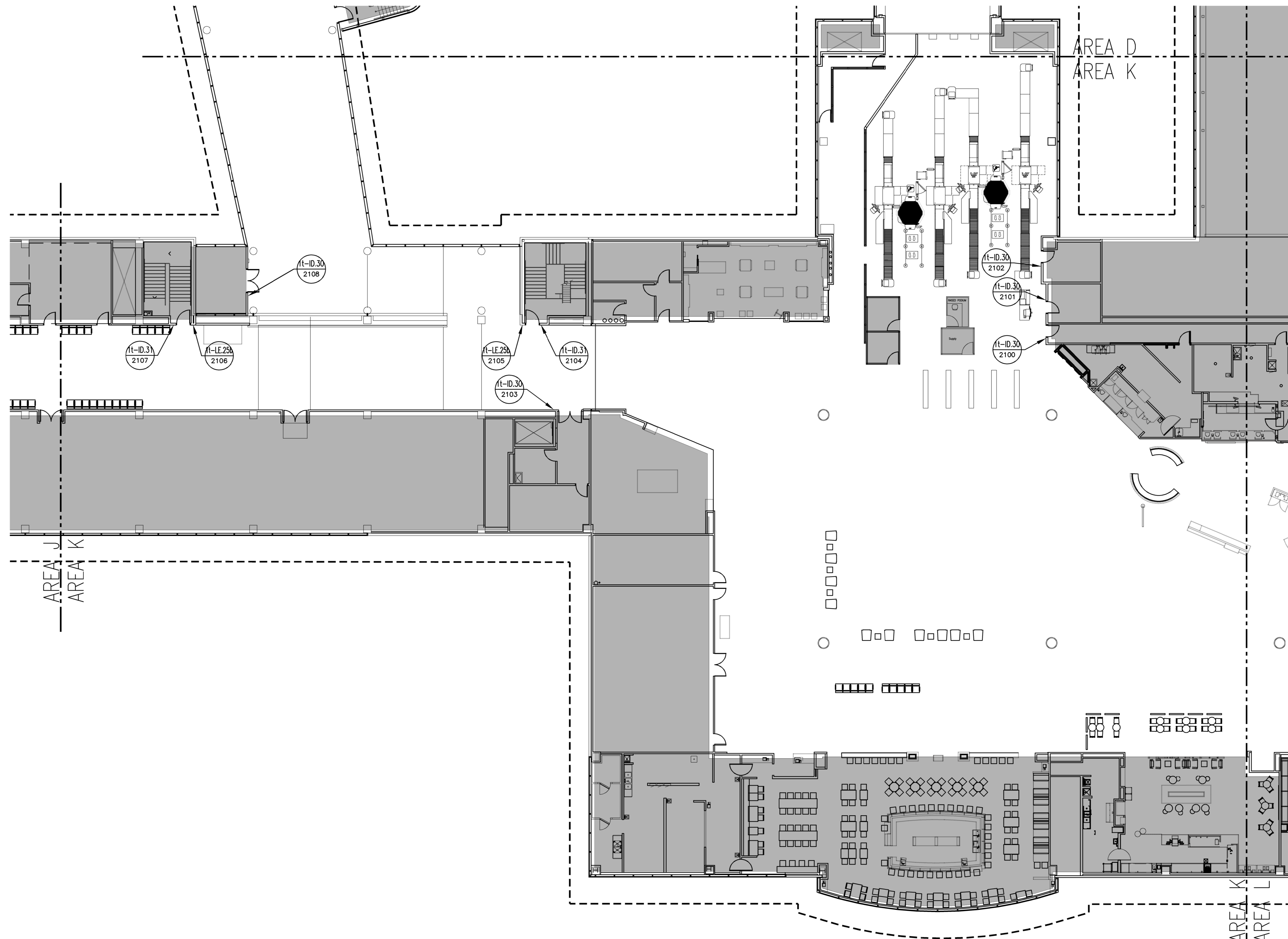
SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 03 - AREA J



SHEET NUMBER

A2.203J

FILE NAME: A2.203K (100% PLAN) DRAWING: LEVEL TICKETING - AREA K (2/20/20) DWG
 DATE STAMP: 8/27/2020 1:46:47 PM



LEGEND

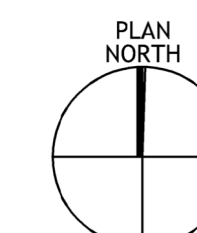
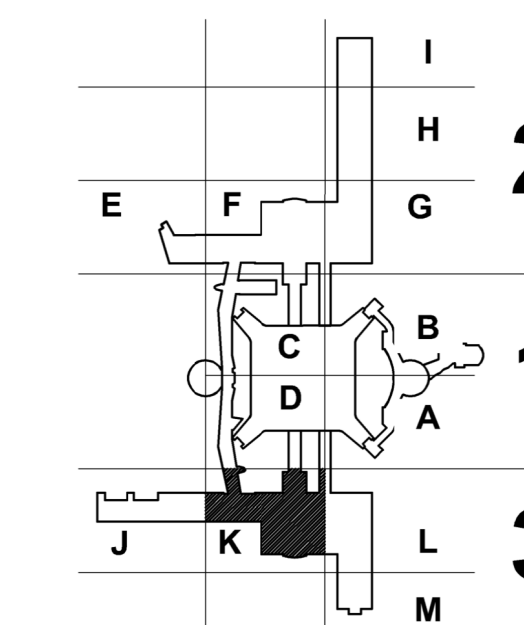
-  SIGN TYPE - SEE SIGNAGE SCHEDULE
-  SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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KEY PLAN



FLOOR PLAN - LEVEL TICKETING - AREA K | N.T.S. | 1

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ARCHITECT



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 [F] 713 968 9333
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HAS REPRESENTATIVE

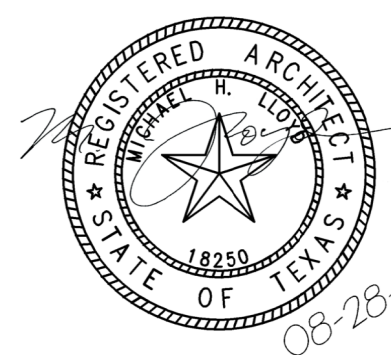
DEPARTMENT OF AVIATION
 RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
 DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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IAH TERMINAL A
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DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

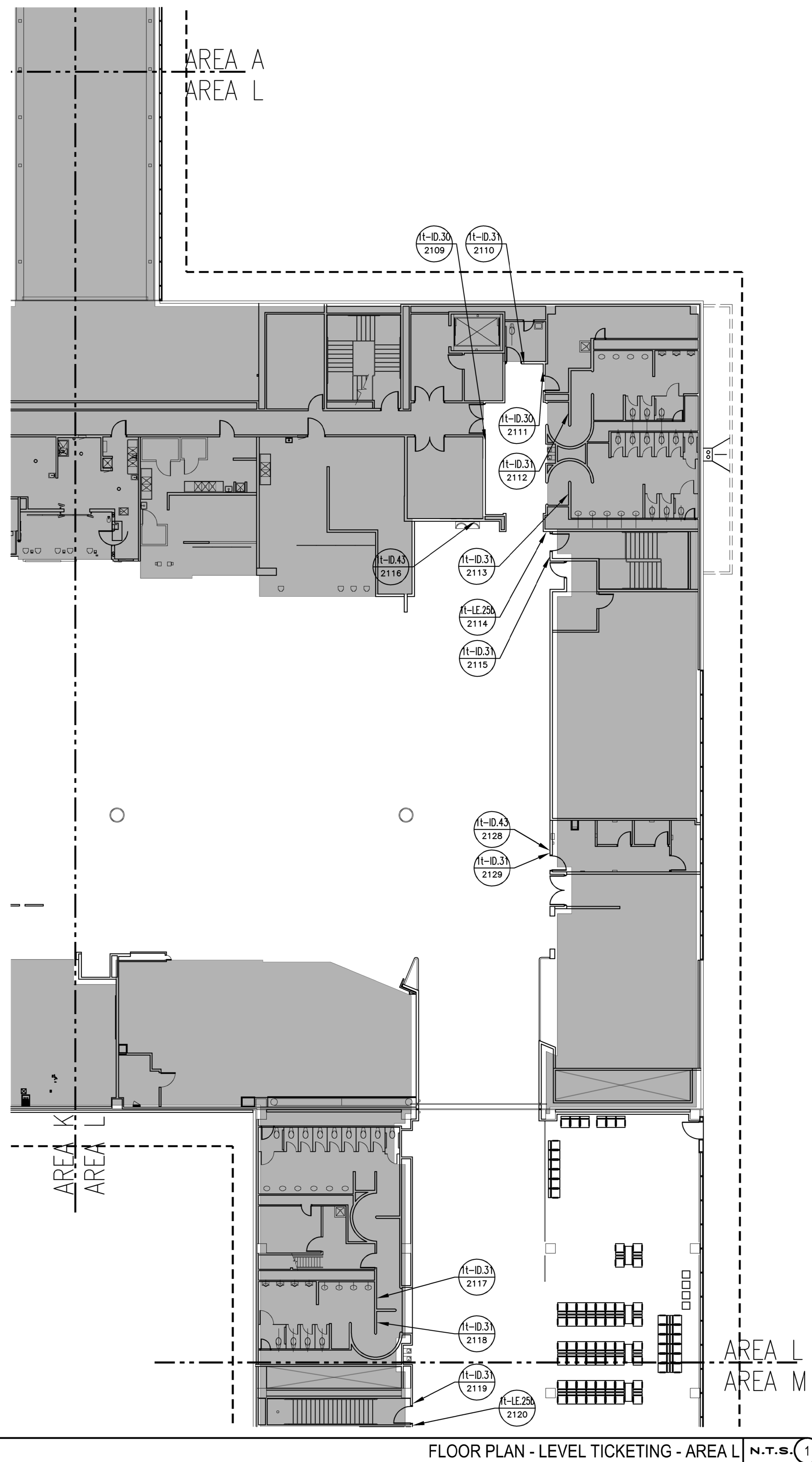
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SHEET TITLE

FLOOR PLAN - LEVEL TICKETING SECTOR 03 - AREA K

SHEET NUMBER

A2.203K



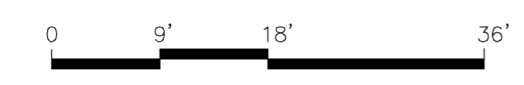
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LEGEND

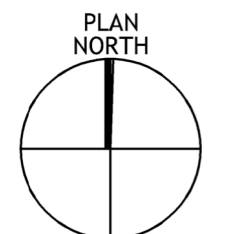
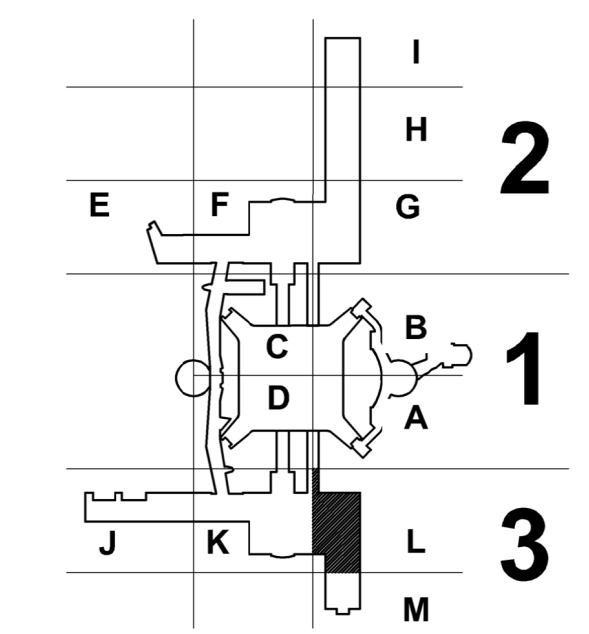
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



KEY PLAN



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 [F] (281) 233-1800

ARCHITECT



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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE

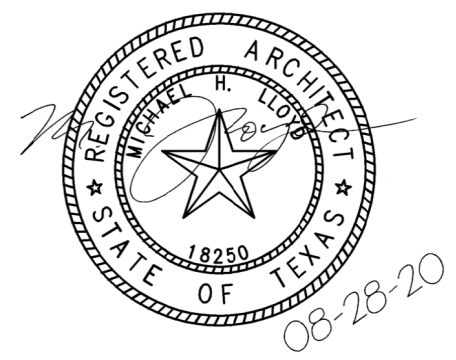
DATE: _____
 HAS TIP # 2575 -IAH

PROJECT NAME

HOUSTON AIRPORT SYSTEM
 TERMINAL A SIGNAGE
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PROJECT LOCATION

IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER

1003770

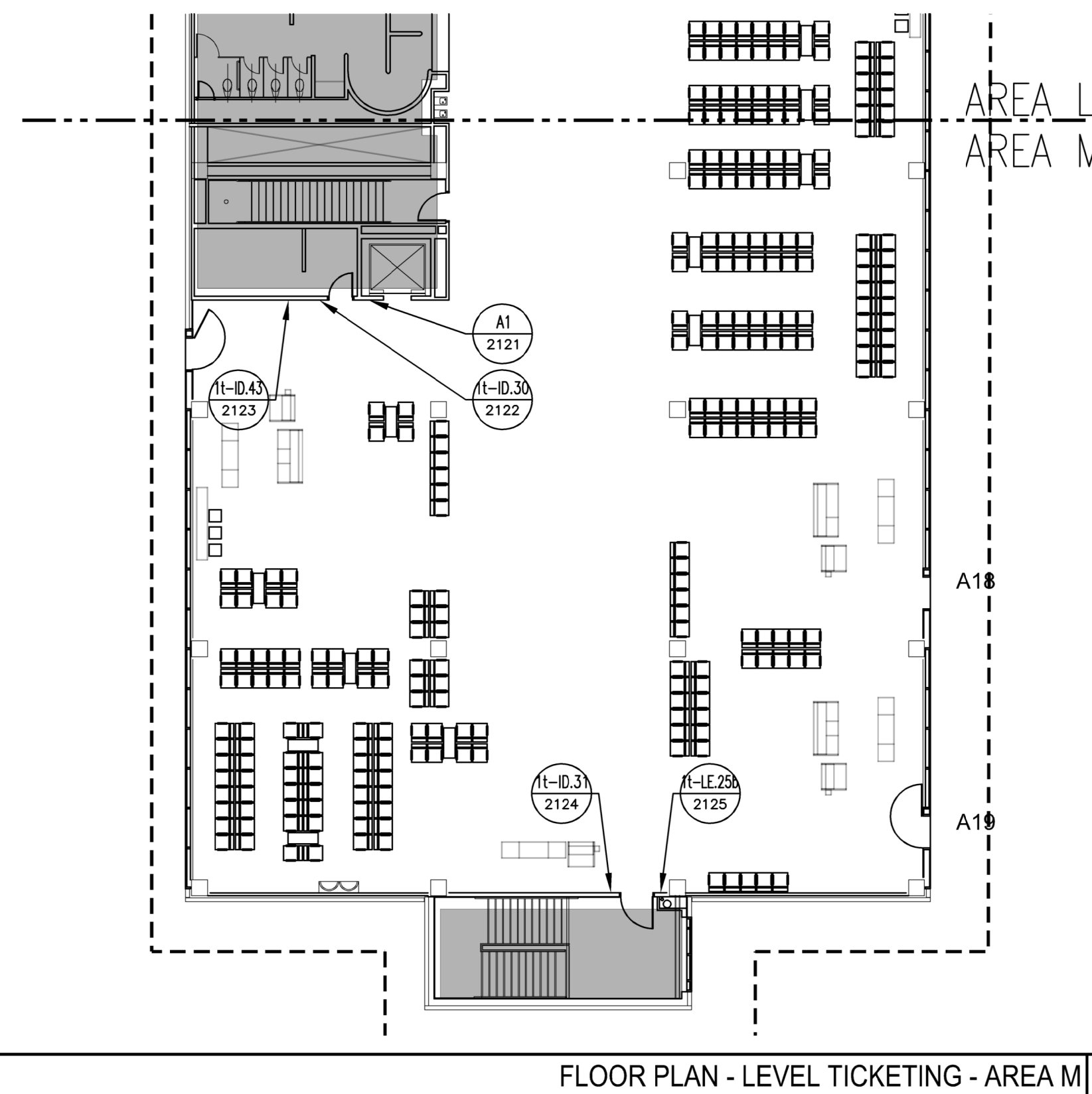
SHEET TITLE

FLOOR PLAN -
 LEVEL TICKETING
 SECTOR 03 - AREA L

SHEET NUMBER

A2.203L

FILE NAME: A2.203M - 100% PLAN - TICKETING - LEVEL AREA M (2/20/20) JMG
 DATE STAMP: 8/27/2020 1:38:22 PM



FLOOR PLAN - LEVEL TICKETING - AREA M | N.T.S. | 1

LEGEND

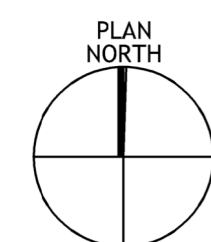
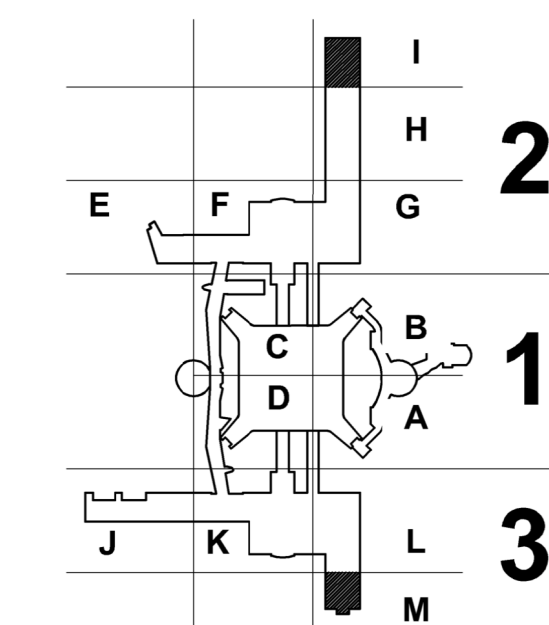
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



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 [F] (281) 233-1800

ARCHITECT



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 [F] 713 968 9333
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HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE

DATE: _____

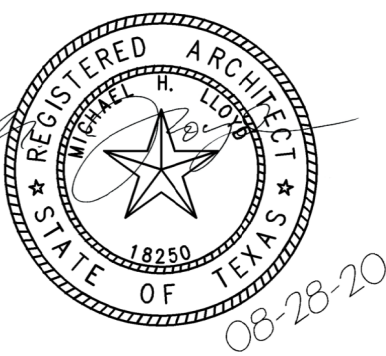
HAS TIP # 2575 -IAH

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HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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IAH TERMINAL A
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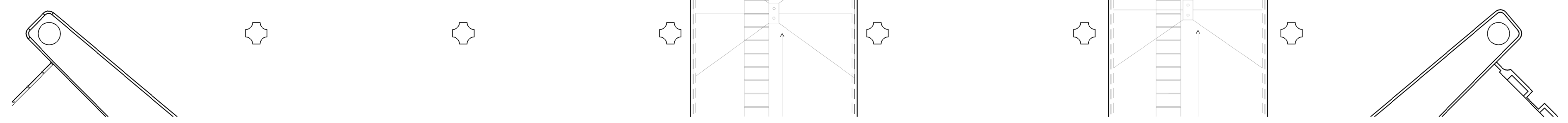
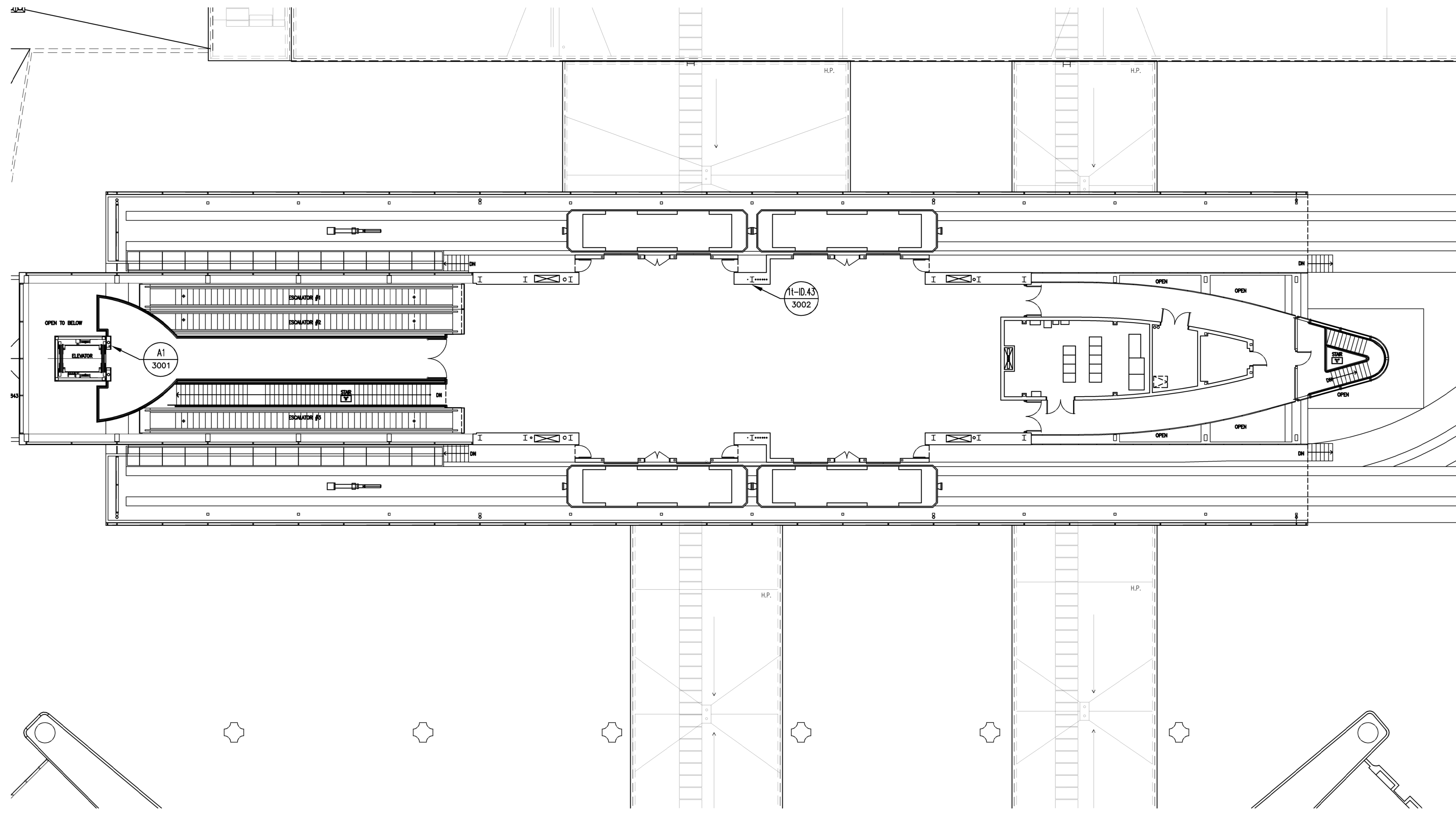
SHEET TITLE

FLOOR PLAN - LEVEL TICKETING SECTOR 03 - AREA M

SHEET NUMBER

A2.203M

FILE NAME: A2.301 FLOOR PLAN MEZZANINE ELEVING
 DATE STAMP: 8/27/2020 2:40:00 PM



FLOOR PLAN - LEVEL MEZZANINE | N.T.S. | 1

LEGEND

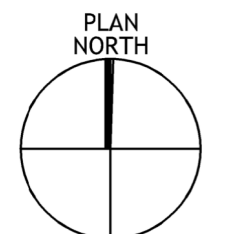
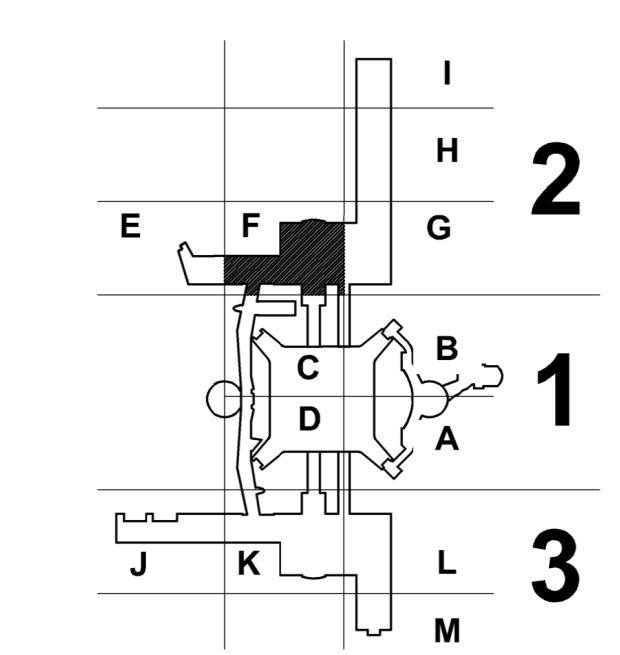
- SIGN TYPE - SEE SIGNAGE SCHEDULE
- SIGN NUMBER - SEE SIGNAGE SCHEDULE

GENERAL NOTES

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4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES



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HAS REPRESENTATIVE

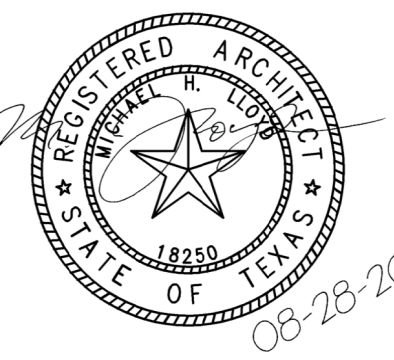
DEPARTMENT OF AVIATION
 RECOMMENDED:
 HOUSTON AIRPORT SYSTEM
 DIRECTOR OF DESIGN
 REPRESENTATIVE
 DATE:
 HAS TIP # 2575 -IAH

PROJECT NAME

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PROJECT NUMBER

1003770

SHEET TITLE

FLOOR PLAN -
 LEVEL MEZZANINE

SHEET NUMBER

A2.301

SIGNAGE SCHEDULE

Table with 8 columns: SIGN NUMBER, SIGN TYPE, HAS SYMBOL, TEXT LINE 1, TEXT LINE 2, TEXT LINE 3, REFERENCE PLAN SHEETS. Contains 108 rows of signage data.

SIGNAGE SCHEDULE

Table with 8 columns: SIGN NUMBER, SIGN TYPE, HAS SYMBOL, TEXT LINE 1, TEXT LINE 2, TEXT LINE 3, REFERENCE PLAN SHEET. Contains 108 rows of signage data.

SIGNAGE SCHEDULE

Table with 8 columns: SIGN NUMBER, SIGN TYPE, HAS SYMBOL, TEXT LINE 1, TEXT LINE 2, TEXT LINE 3, REFERENCE PLAN SHEET. Contains 108 rows of signage data, including handwritten annotations like 'ASSISTED (ADA) FAMILY RESTROOMS'.

SIGNAGE SCHEDULE

Table with 8 columns: SIGN NUMBER, SIGN TYPE, HAS SYMBOL, TEXT LINE 1, TEXT LINE 2, TEXT LINE 3, REFERENCE PLAN SHEET. Contains 108 rows of signage data.

GENERAL NOTES

- 1. REFER TO SHEETS 1-1 THROUGH 4-56 FOR ADDITIONAL INFORMATION, INCLUDING NEW SIGN LOCATIONS, SIGN TYPES AND MOUNTING DETAILS.
2. REFER TO GO.002 FOR PROJECT GENERAL NOTES
3. REFER TO SHEET AG3.001 FOR A1 AND A2 SIGN TYPES
4. REFER TO SHEET 1-8 FOR HAS WAYFINDING SYMBOLS
5. REFER TO SHEET AG3.002 FOR R1, R2 AND R3 SIGN TYPES

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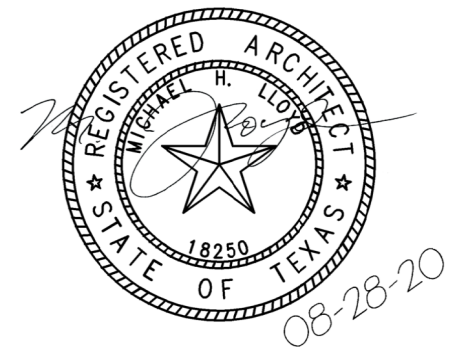
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Table with 3 columns: No, DESCRIPTION, DATE. Shows drawing revision history.

PROJECT NUMBER

1003770

SHEET TITLE

SIGNAGE SCHEDULE

SHEET NUMBER

AG3.000



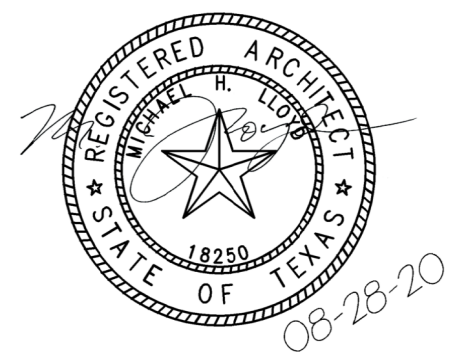
HAS AVIATION DEPT. 16930 JOHN F. KENNEDY BLVD. HOUSTON TX 77032 [T] (281) 233-1757 [F] (281) 233-1800



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HAS REPRESENTATIVE DEPARTMENT OF AVIATION RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE DATE: HAS TIP # 2575 -IAH

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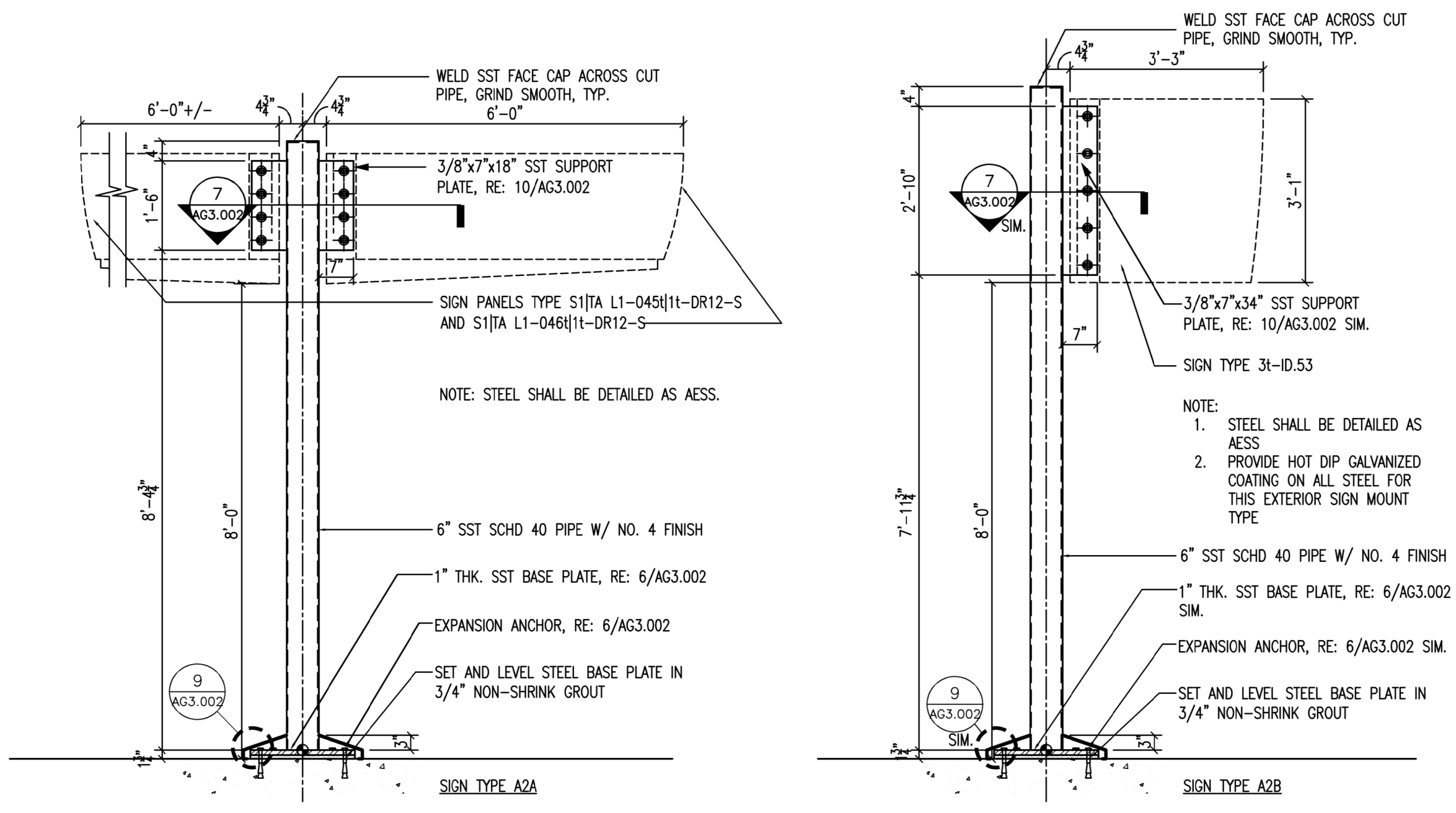
PROJECT LOCATION IAH TERMINAL A 2800 N. TERMINAL RD HOUSTON TX, 77032

DRAWING HISTORY table with columns: No, DESCRIPTION, DATE

PROJECT NUMBER 1003770

SHEET TITLE SIGNAGE DETAILS

SHEET NUMBER AG3.001



FABRICATION NOTES

- NOTE: FOR DETAILED SECTION-CUT VIEWS AND CONSTRUCTION INTENT DETAILS... F1. SIGN FACE PANEL: 1/2" THICK ACRYLIC... F2. BACKGROUND ACCENT PANEL: 1/2" THICK ACRYLIC... F3. SIGN BOXES: FABRICATED "CLAMP-SHAPED" ALUMINUM ANGLE... F4. ACCENT ID BOX: ALUMINUM ANGLE FRAME BOX SKINNED WITH 1/2" THICK ALUMINUM CLADDING...

LETTERING AND TYPEFACE NOTES

- L1 SURFACE APPLIED WHITE ROWMARK BRAND (OR APPROVED EQUAL) RAISED CHARACTERS TO BE APPLIED AFTER PAINTING PROCESS... L2 SURFACE APPLIED WHITE ROWMARK BRAND (OR APPROVED EQUAL) RAISED CHARACTERS TO BE APPLIED AFTER PAINTING PROCESS... L3 TACTILE RASTER (GLASS BEADS) GRADE 2 BRAILLE... L4 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHICS CHARACTERS APPLIED TO SIGN FACE... L5 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHIC CHARACTERS APPLIED TO SIGN FACE...

MOUNTING NOTES

- M1. MOUNTING: MOUNT 2ND SURFACE TO WALL OR DOOR WITH HIGH-BOND STRENGTH SIGN GRADE VHB TAPE... M2. MOUNTING: MOUNT TO CEILING WITH HIDDEN (ABOVE CEILING LINE) FABRICATED UNISTRUT/THREADED ROD SYSTEM... M3. MOUNTING: WALL MOUNTED... M4. MOUNTING: FLAG MOUNTED

SYMBOLS AND ARROWS NOTES

- S1 SURFACE APPLIED WHITE ROWMARK BRAND (OR APPROVED EQUAL) RAISED SYMBOLS TO BE APPLIED AFTER PAINTING PROCESS... S2 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHICS CHARACTERS APPLIED TO SIGN FACE... S3 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHICS APPLIED TO SIGN FACE. ARROW(S): ONLY APPROVED WAYFINDING PROGRAM ARROW ARTWORK TO BE USED...

SIGNAGE COLORS AND DECORATION NOTES

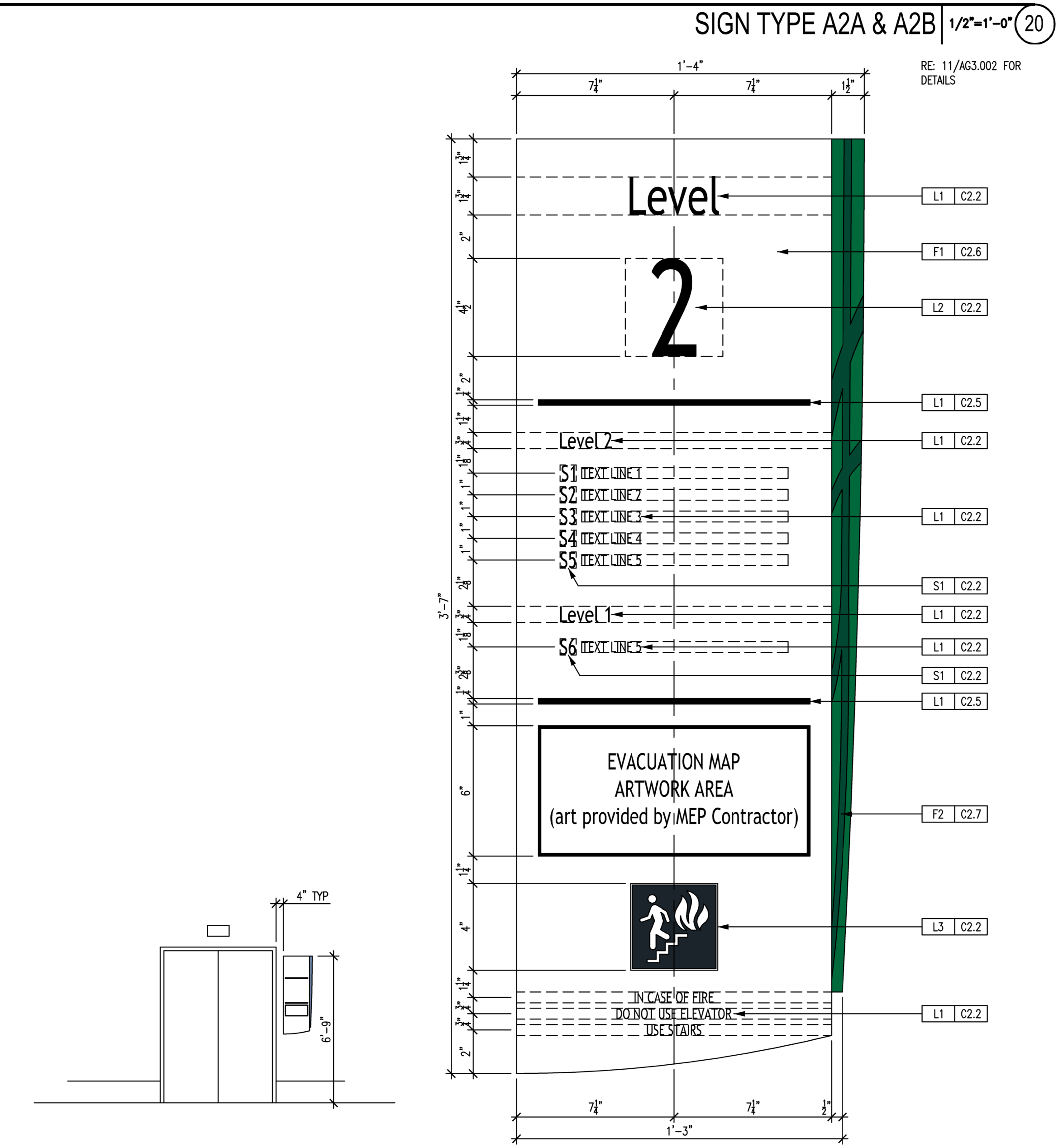
- C1.1 WHITE (OPAQUE): 3M OPAQUE FILM #7725-10... C1.2 BLACK (OPAQUE): 3M OPAQUE FILM (OR APPROVED EQUAL)... C1.3 LIGHT GRAY (OPAQUE): 3M OPAQUE FILM (OR APPROVED EQUAL)... C1.4 CHARCOAL GRAY (OPAQUE): 3M OPAQUE FILM TO MATCH PMS 433C... C1.5 REGULATORY RED (OPAQUE): 3M OPAQUE FILM #7725-263... PAINTS: C2.1 WHITE SCREENED: MAP PAINT #42202SP... C2.2 WHITE TACTILE: ROWARK BRAND ADA TACTILE SATIN WHITE... C2.3 BRIGHT SILVER: MAP PAINT #41342SP... C2.4 LIGHT GRAY: MATCH PMS 427C... C2.5 MEDIUM GRAY DIVIDER LINE SCREENED: MAP PAINT TO MATCH PMS 432C... C2.6 CHARCOAL GRAY: MATCH PMS 433C... C2.7 TERMINAL A GREEN: MAIN BACKGROUND = MATCH PMS 349C... C2.8 GATE ID FLAG IDENTIFIER: 1/2" ACRYLIC PIN MOUNTED NUMBERS... C2.9 TERMINALINK/TERMINAL ID'S SCREENED: MATCH PMS COLORS... C2.10 BRUSHED ALUMINUM: MATCH MATTHEWS ACRYLIC POLYURETHANE (MAP) #41342SP

LETTERING AND TYPEFACE NOTES

- L1 SURFACE APPLIED WHITE ROWMARK BRAND (OR APPROVED EQUAL) RAISED CHARACTERS TO BE APPLIED AFTER PAINTING PROCESS... L2 SURFACE APPLIED WHITE ROWMARK BRAND (OR APPROVED EQUAL) RAISED CHARACTERS TO BE APPLIED AFTER PAINTING PROCESS... L3 TACTILE RASTER (GLASS BEADS) GRADE 2 BRAILLE... L4 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHICS CHARACTERS APPLIED TO SIGN FACE... L5 ELECTRONIC CUT OPAQUE 3M FILM (OR APPROVED EQUAL) GRAPHIC CHARACTERS APPLIED TO SIGN FACE...

SYMBOLS AND ARROWS NOTES

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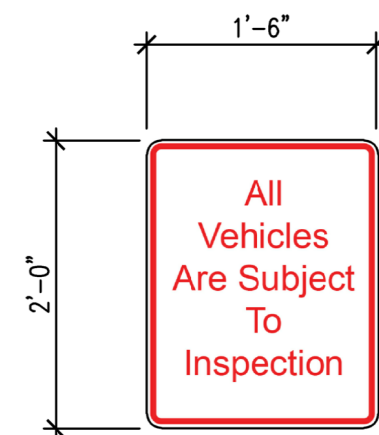
MOUNTING HEIGHTS 1/4'-1'-0" (21)

SIGN TYPE A1 3'-1'-0" (16)

SIGNAGE NOTES (11)

SIGNAGE NOTES (6)

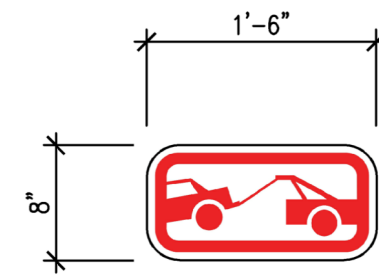
GENERAL NOTES (1)



SIGN TYPE R3 - SUBJECT TO INSPECTION 3/4=1'-0" (23)

NOTES:

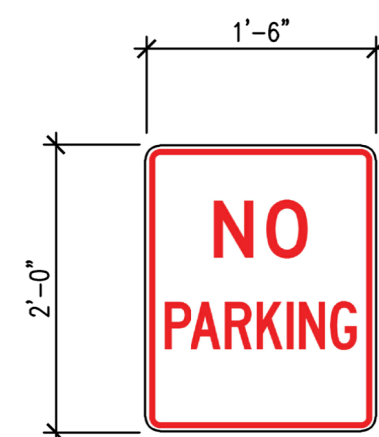
- SIGN SHALL COMPLY WITH ALL TXDOT STANDARDS
- SIGN TO BE CONSTRUCTED OF 80 MIL ALUMINUM PLATE
- SIGN FACE SHALL HAVE DIAMOND GRADE REFLECTIVE FINISH
- SIGN BACKGROUND SHALL BE WHITE
- SIGN TEXT SHALL BE RED
- SIGN SHALL REPLACE EXISTING SIGN TO BE REMOVED PER DEMO PLANS



SIGN TYPE R2 - TOW AWAY ZONE 3/4=1'-0" (22)

NOTES:

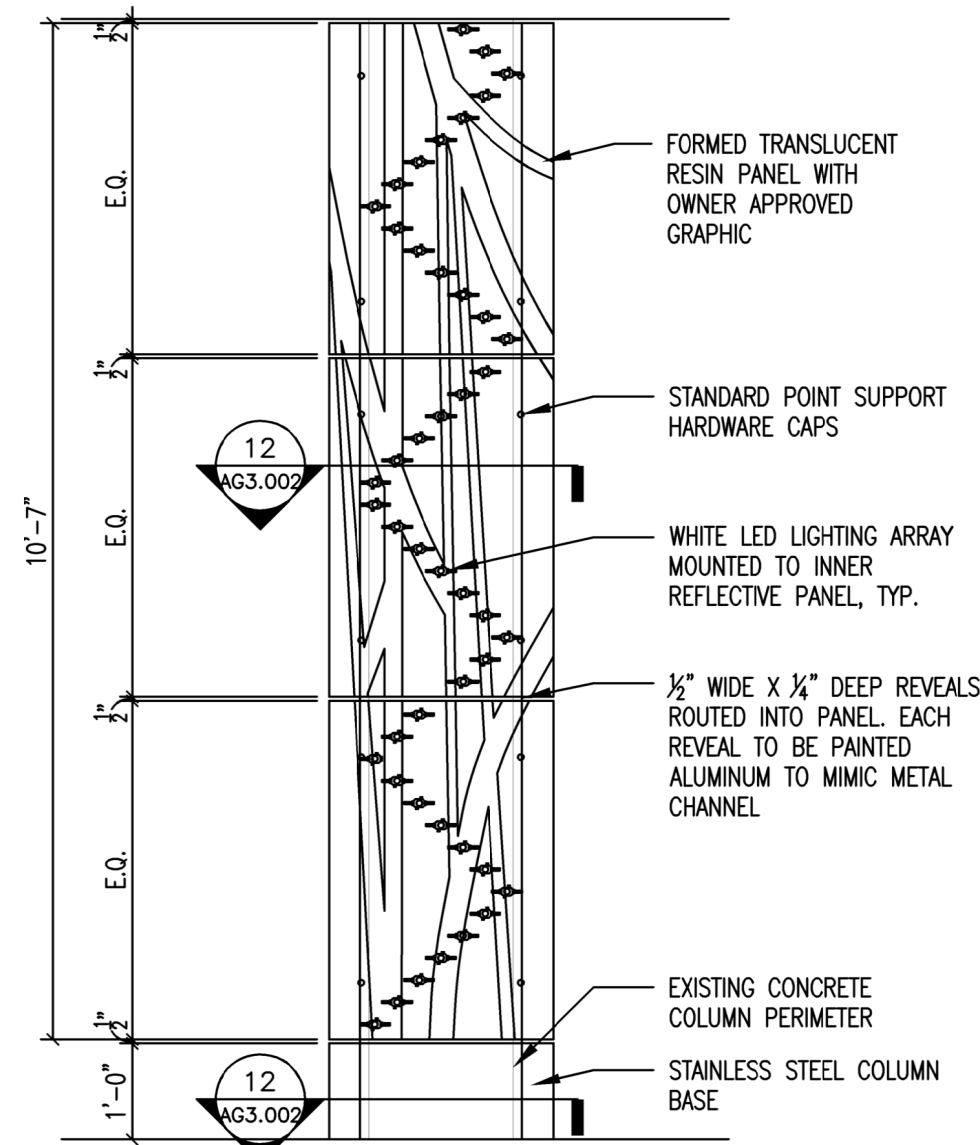
- SIGN SHALL COMPLY WITH ALL TXDOT STANDARDS
- SIGN TO BE CONSTRUCTED OF 80 MIL ALUMINUM PLATE
- SIGN FACE SHALL HAVE DIAMOND GRADE REFLECTIVE FINISH
- SIGN BACKGROUND SHALL BE WHITE
- SIGN TEXT SHALL BE RED
- SIGN SHALL REPLACE EXISTING SIGN TO BE REMOVED PER DEMO PLANS



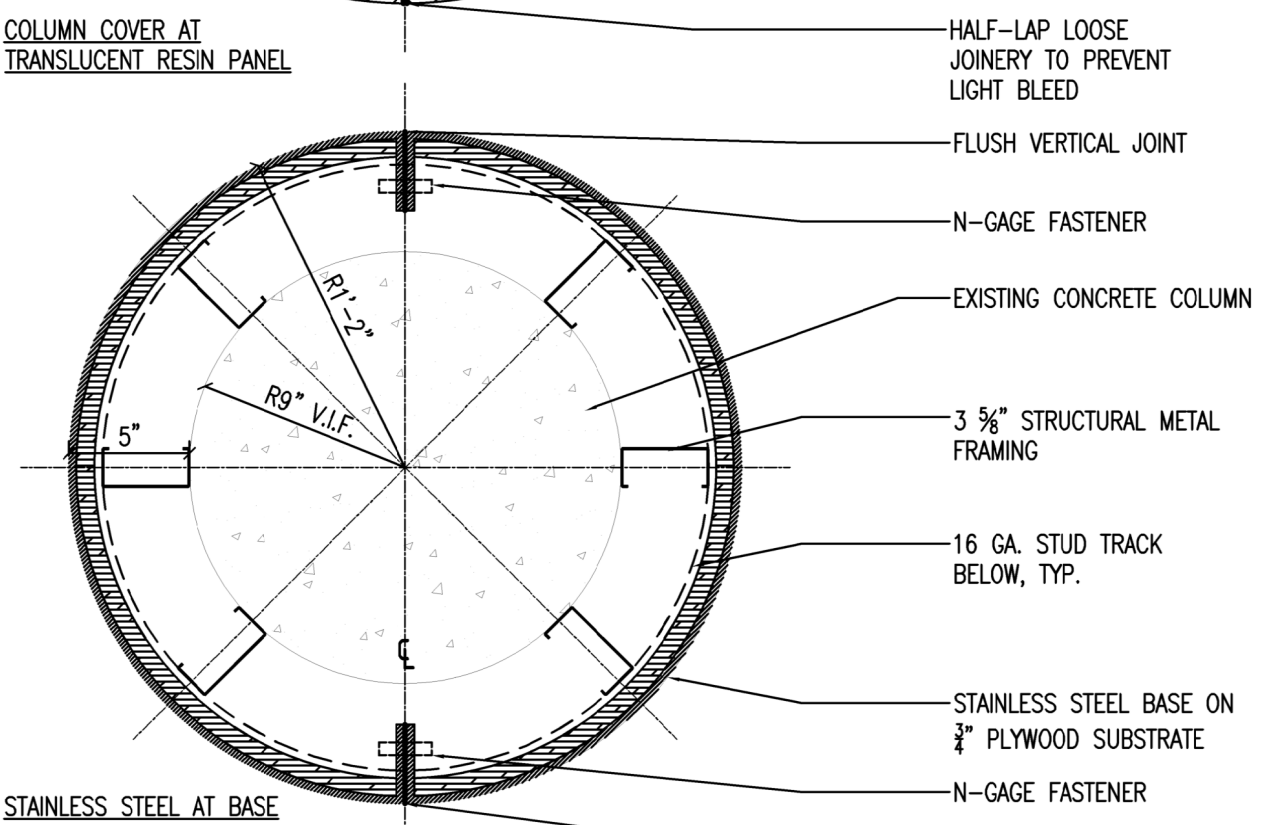
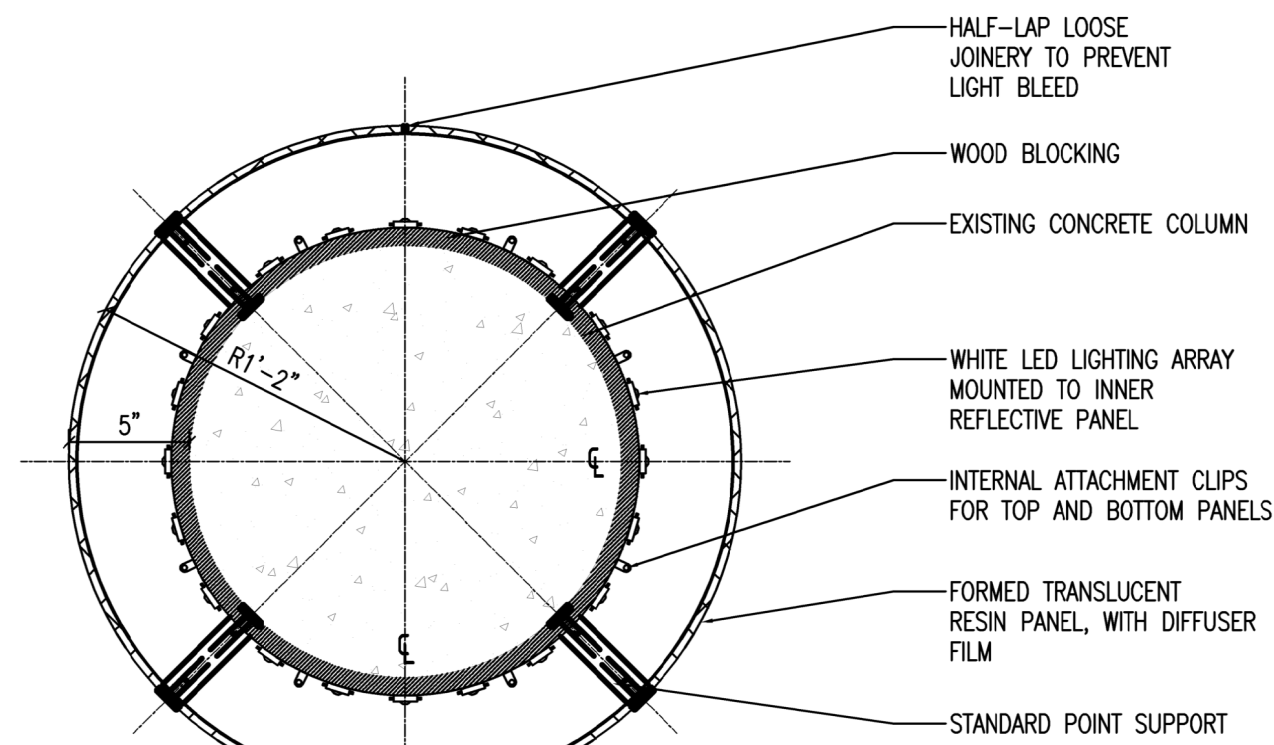
SIGN TYPE R1 - NO PARKING 3/4=1'-0" (21)

NOTES:

- SIGN SHALL COMPLY WITH ALL TXDOT STANDARDS
- SIGN TO BE CONSTRUCTED OF 80 MIL ALUMINUM PLATE
- SIGN FACE SHALL HAVE DIAMOND GRADE REFLECTIVE FINISH
- SIGN BACKGROUND SHALL BE WHITE
- SIGN TEXT SHALL BE RED
- SIGN SHALL REPLACE EXISTING SIGN TO BE REMOVED PER DEMO PLANS



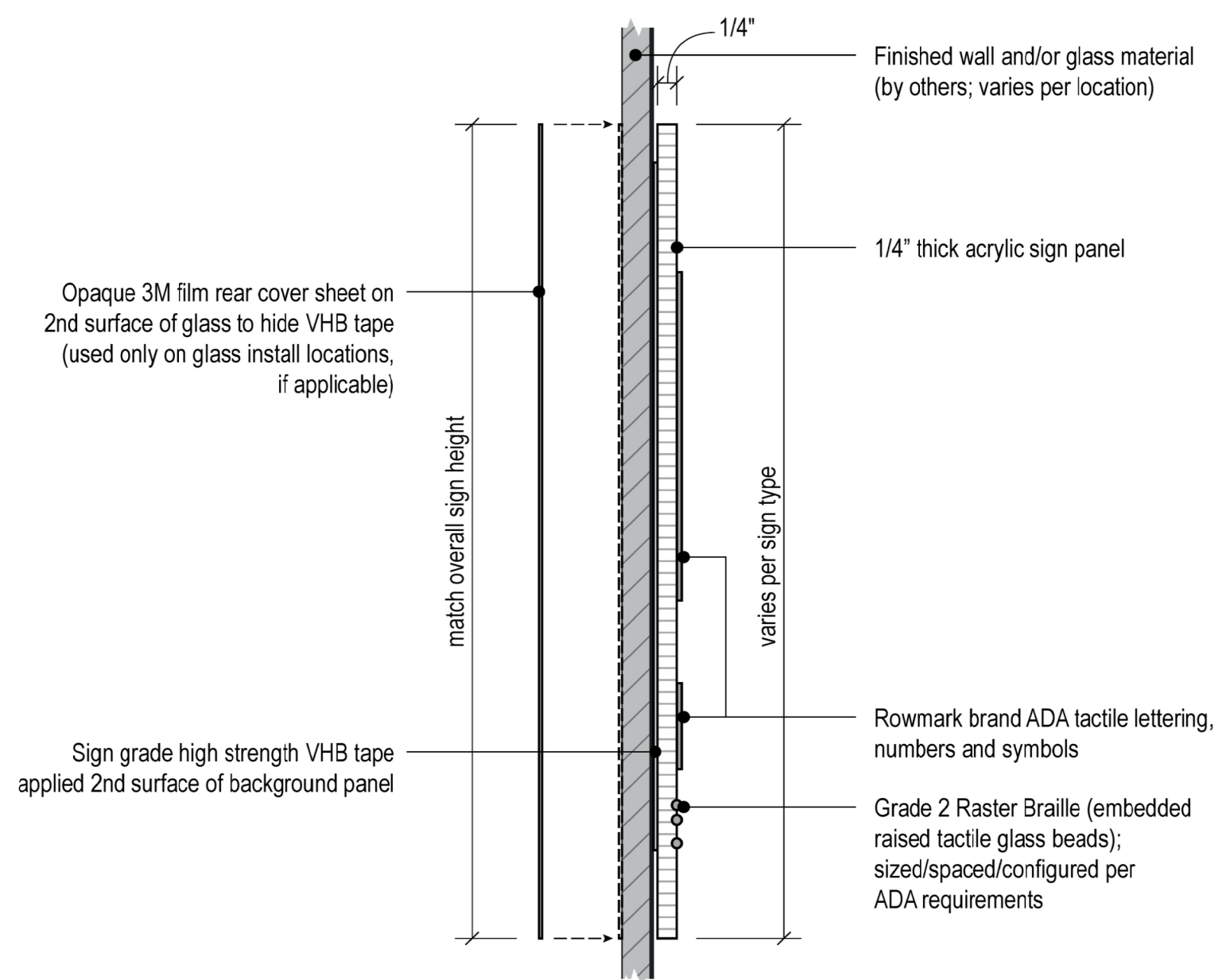
SKYWAY COLUMN ELEVATIONS 1/2=1'-0" (17)



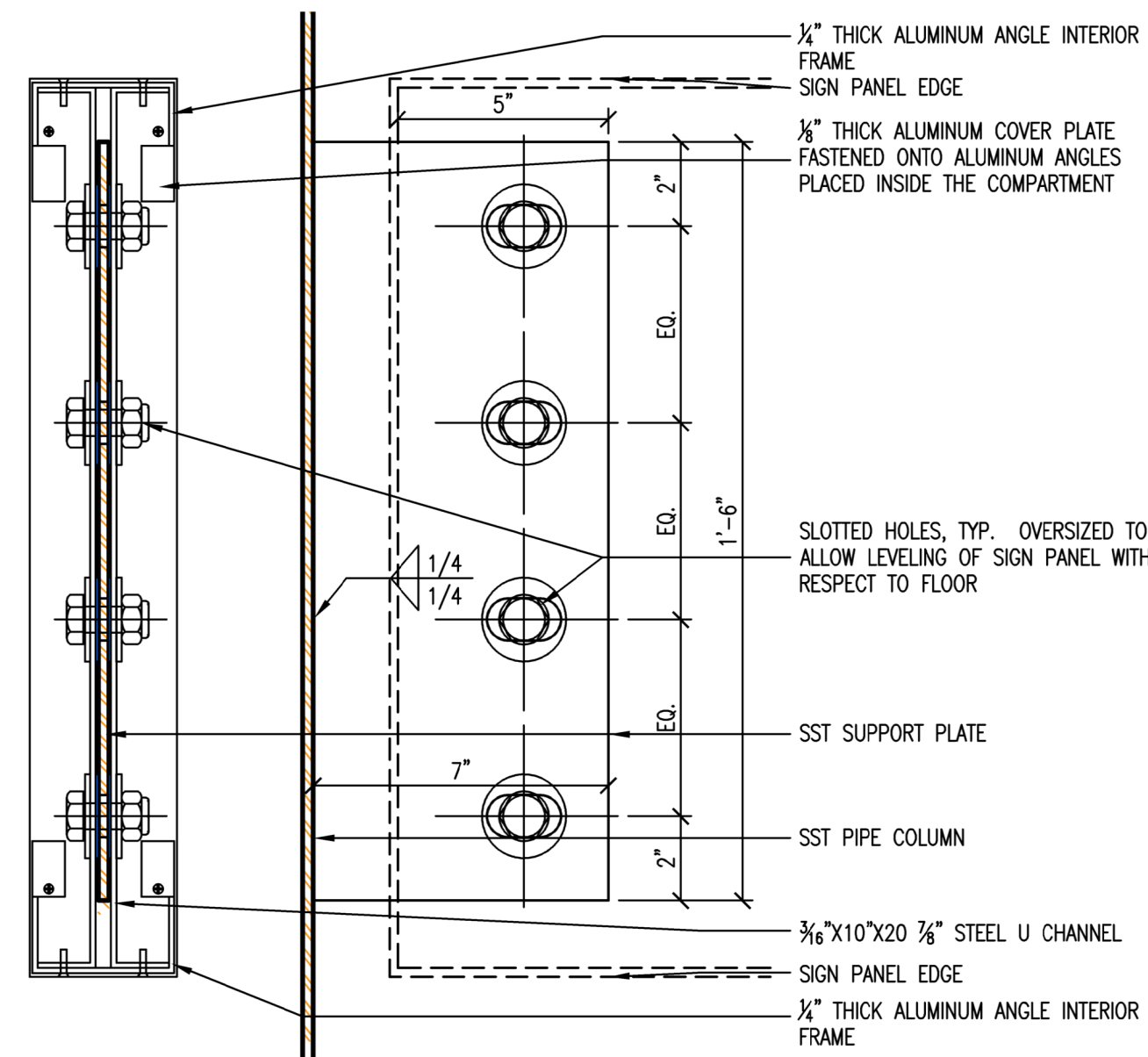
NOTES:

- PROVIDE EVEN ILLUMINATION FROM LED ARRAY, NO HOT SPOTS OR DIM ILLUMINATION AREAS.
- PROVIDE SAMPLE WHITE LED'S PRIOR TO FABRICATION TO TEST COLOR, BRIGHTNESS AND INTENSITY.
- A PROTOTYPE COLUMN FIXTURE IS TO BE PROVIDED AND APPROVED PRIOR TO FABRICATION.
- ALL ILLUMINATED COLUMN FIXTURES LOCATED AT SKYWAYS TO MAINTAIN THE SAME COLOR, CONSISTENCY AND ILLUMINATION AIRPORT WIDE
- ALL REQUIRED CONDUIT/DEVICES TO BE WITHIN COLUMN COVER AND NOT VISIBLE

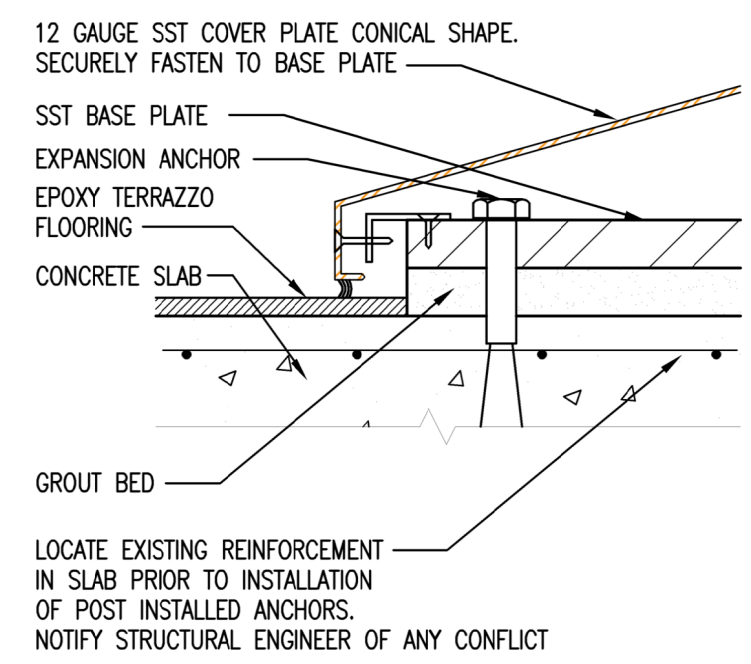
SKYWAY COLUMN DETAIL 1 1/2=1'-0" (12)



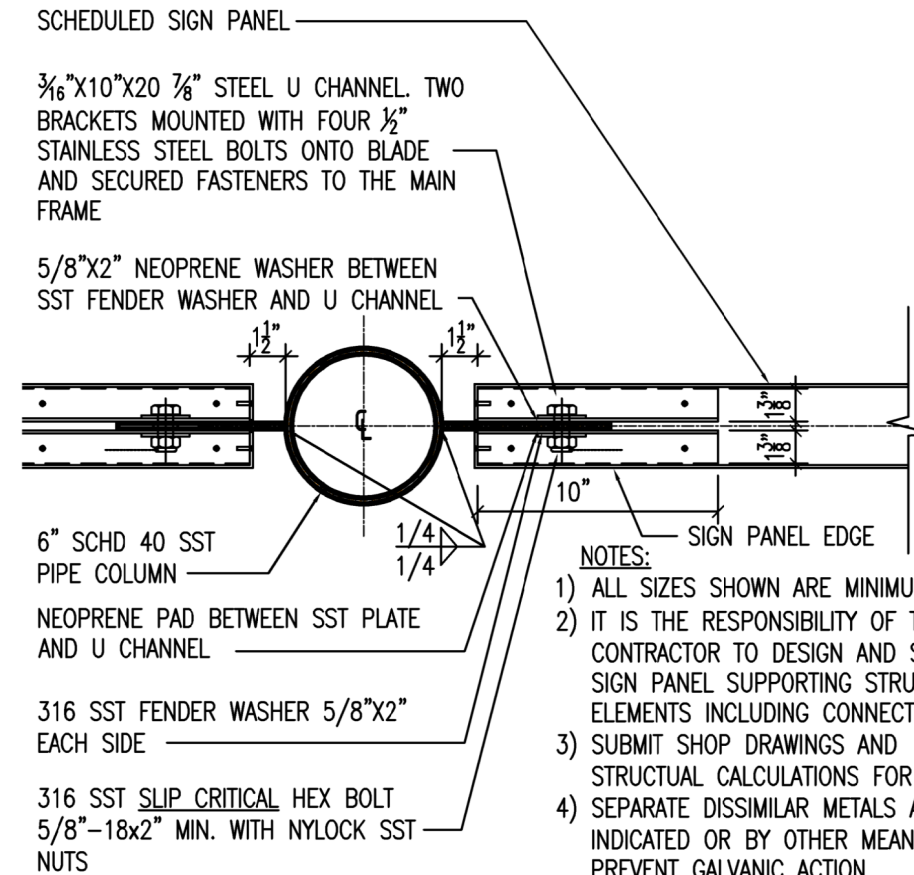
SIGNAGE DETAIL N.T.S. (11)



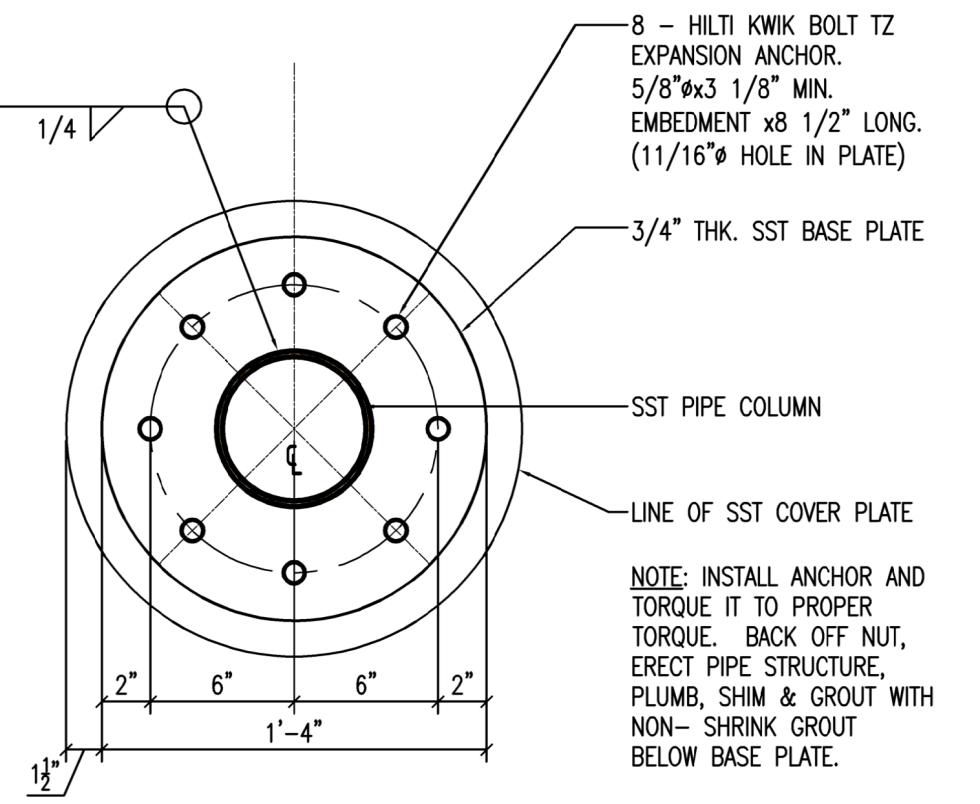
SUPPORT PLATE ELEVATION 3=1'-0" (10)



COVER PLATE SECTION 3=1'-0" (9)



SUPPORT PLAN DETAIL 1 1/2=1'-0" (7)



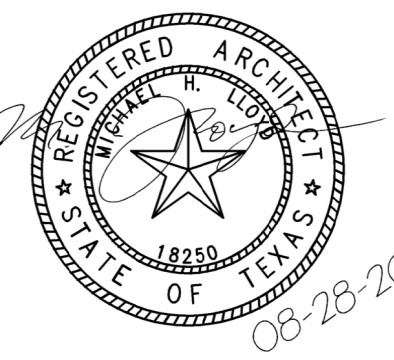
BASE PLATE PLAN DETAIL 1 1/2=1'-0" (6)

HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:	DATE:	HAS TIP # 2575 -IAH
	HOUSTON AIRPORT SYSTEM DIRECTOR OF DESIGN REPRESENTATIVE	

PROJECT NAME
HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

REGISTRATION
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PROJECT LOCATION
**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

DRAWING HISTORY

No.	DESCRIPTION	DATE
01	100% CONSTRUCTION DOCUMENTS	08-28-20

PROJECT NUMBER
1003770

SHEET TITLE

SIGNAGE DETAILS & REGULATORY SIGNS

SHEET NUMBER
AG3.002

BINDING EDGE 30 X 42

ELECTRICAL ABBREVIATIONS	
SYMBOL	DESCRIPTION
A	AMPERES
AC	ALTERNATING CURRENT
AC	AIR CONDITIONING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CATV	CABLE TELEVISION
CB	CRITICAL BRANCH
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CIR	CIRCUIT
CKT	CIRCUIT
CU	COPPER
DC	DIRECT CURRENT
DIA	DIAMETER
EB	EQUIPMENT BRANCH
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ELEV	ELEVATOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EP	EMERGENCY POWER
EPO	EMERGENCY POWER OFF (BUTTON OR SWITCH)
ER	EXISTING TO BE REMOVED
ETR	EXISTING TO BE RELOCATED
EWCC	ELECTRIC WATER COOLER
EX	EXISTING TO REMAIN
F	FUSE
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR PANEL
FLA	FULL LOAD AMPERES
FMC	FLEXIBLE METAL CONDUIT
G, GND	GROUND
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRC	GALVANIZED RIGID METAL CONDUIT
HOA	HAND-OFF-AUTOMATIC SWITCH
HVAC	HEATING, VENTILATION, AIR CONDITIONING
Hz	HERTZ
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT - AMPERES
LPMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LTG	LIGHTING
LRA	LOCK ROTOR AMPS
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MLO	MAIN LUGS ONLY
MTD	MOUNTED
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
NO	NORMALLY OPEN OR NUMBER
P	POLE
PB	PUSH BUTTON, PANIC BUTTON OR PULLBOX
PNL	PANEL
PWR	POWER
QTY	QUANTITY
REQ	REQUIRED
RMC	RIGID METAL CONDUIT
RNC	RIGID NON-METALLIC CONDUIT
RTS	REMOTE TEST STATION
RTU	ROOF TOP UNIT
SP	SPARE
ST	SHUNT-TRIP
SW	SWITCH
SYM	SYMMETRICAL
TEL	TELEPHONE
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMCB	THERMAL MAGNETIC CIRCUIT BREAKER
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
V	VOLT
VA	VOLT - AMPERE
W	WATT OR WIRE
WH	WATER HEATER
WP	WEATHERPROOF
XFMR	TRANSFORMER

COMMISSIONING	
1.	THE CONTRACTOR SHALL DEMONSTRATE TO THE REGISTERED DESIGN PROFESSIONAL REPRESENTATIVE BY WAY OF FUNCTIONAL PERFORMANCE TESTING OF ALL AUTOMATIC LIGHTING SYSTEMS. DEMONSTRATE THE PERFORMANCE OF SYSTEMS DESCRIBED HERE IN, INCLUDING: CALIBRATION OF CONTROL HARDWARE AND SOFTWARE, ADJUSTMENT AND PROGRAMMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. DEMONSTRATED THE PLACEMENT, SENSITIVITY AND TIME-OUT ADJUSTMENT FOR OCCUPANT SENSORS. DEMONSTRATE THE TIME SWITCHES AND PROGRAMMABLE SCHEDULE CONTROLS ARE PROGRAMMED TO TURN THE LIGHTS OFF. DEMONSTRATE THE PLACEMENT AND ADJUSTMENT OF PHOTOSENSORS AND DAYLIGHTING CONTROLS ARE AS SPECIFIED.

MISCELLANEOUS	
SYMBOL	DESCRIPTION
	JUNCTION BOX - CEILING MOUNTED
	JUNCTION BOX - WALL MOUNTED
	3/4" PLYWOOD TELEPHONE BACKBOARD
	CONCRETE ENCASED DUCTBANK
	HOMERRUN TO PANEL INDICATED
	NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS
	WIRE IN CONDUIT CONCEALED, #12 AWG SIZE WIRE IN 3/4" CONDUIT MINIMUM UNLESS OTHERWISE NOTED
	WIRE IN CONDUIT CONCEALED BELOW SLAB OR GRADE
	CONDUIT EXPOSED
	FLEXIBLE CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT STUB

LIGHTING	
SYMBOL	DESCRIPTION
	CEILING MOUNTED 1'x4' LUMINAIRE RECESSED OR SURFACE MOUNTED - NORMAL POWER
	CEILING MOUNTED 1'x4' LUMINAIRE RECESSED OR SURFACE MOUNTED - LIFE SAFETY POWER
	DOWNLIGHT LUMINAIRE - NORMAL POWER
	DOWNLIGHT LUMINAIRE - LIFE SAFETY POWER

DEMOLITION NOTES	
1.	IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS.
2.	EXISTING CONDITIONS INDICATED ON THIS DRAWING ARE TAKEN FROM EXISTING DOCUMENTS AND FIELD INVESTIGATION. IT IS RECOMMENDED FOR CONTRACTOR TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
3.	THE CONTRACTOR SHALL INSURE THAT CONDUITS REMAINING WITHIN THE PROJECT AREA ARE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS. CONDUITS THAT ARE ATTACHED TO ITEMS BEING REMOVED DURING DEMOLITION SHALL BE SUPPORTED FROM THE STRUCTURE PRIOR TO REMOVING ITEM.
4.	EXISTING PANEL DIRECTORIES SHALL BE UPDATED TO REFLECT CURRENT CONDITIONS.
5.	CONTRACTOR SHALL PATCH, PAINT AND MATCH FINISH WITH EXISTING SURFACES TO REMAIN WHERE ELECTRICAL DEVICES ARE BEING REMOVED.
6.	CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR DEVICES TO REMAIN PRIOR TO DEMOLITION. EXISTING DEVICES TO REMAIN ARE SHOWN LIGHT IN COLOR.
7.	CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR CIRCUITS TO REMAIN AND BE REUSED FOR NEW DEVICES PRIOR TO DEMOLITION.

CODES AND STANDARDS	
NFPA-70	NATIONAL ELECTRICAL CODE (2020)
NFPA-72	NATIONAL FIRE ALARM CODE (2012)
NFPA 75	STANDARD FOR THE PROTECTION OF ELECTRONIC COMPUTER /
NFPA 90A	DATA PROCESSING EQUIPMENT (2009)
NFPA 92	RECOMMENDED PRACTICE FOR SMOKE CONTROL SYSTEMS (2012)
NFPA 101	LIFE SAFETY CODE (2012)
NFPA 110	STANDARD FOR EMERGENCY AND STAND-BY POWER SYSTEMS (2010)
2012 EDT.	TEXAS BUILDING CODE
2015 I.E.C.C.	INTERNATIONAL ENERGY CONSERVATION CODE (2015 EDITION)

FIELD VERIFY ALL LOCATION	
1.	DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
2.	THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.
3.	BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COST FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.
4.	CONTRACTOR SHALL ACQUIRE REQUIRED BADGING FOR ACCESS INTO ELECTRICAL ROOM AND ASSOCIATED SPACES.
5.	CONTRACTOR SHALL COORDINATE EXACT PROJECT WORK SCHEDULE WITH H.A.S. PROJECT MANAGEMENT STAFF AND ASSOCIATED AIRPORT PERSONNEL FOR APPROVAL. INSTALLATION TIMES SHALL NOT INTERFERE WITH NORMAL AIRPORT OPERATIONS. AFTER HOURS WORK WILL BE REQUIRED TO ENSURE SAFETY OF ALL AIRPORT OCCUPANTS.
6.	COORDINATE ALL POTENTIAL PANEL SHUT DOWNS WITH H.A.S. PROJECT MANAGEMENT AND ASSOCIATED AIRPORT PERSONNEL TO ENSURE POWER SHUT DOWNS WILL NOT INTERFERE WITH NORMAL WORK OPERATIONS

SWITCHES	
SYMBOL	DESCRIPTION
\$A	SINGLE POWER TOGGLE SWITCH (LETTER DENOTES FIXTURE CONTROLLED)
\$S	THREE-WAY TOGGLE SWITCH
\$4	FOUR-WAY TOGGLE SWITCH
\$M	MOTOR SWITCH
\$F	FAN SWITCH
\$SP	THREE POSITION SELECTOR SWITCH
\$T	TIMER SWITCH (60 MINUTES)
\$LV	LOW VOLTAGE SWITCH
\$K	KEY SWITCH
\$WP	SWITCH - WEATHERPROOF
\$OS	WALL SWITCH OCCUPANCY SENSOR
OS	OCCUPANCY SENSOR - CEILING MOUNTED
OS	OCCUPANCY SENSOR - WALL MOUNTED
PC	PHOTOCCELL
LC	LIGHTING CONTACTOR
TC	TIME CLOCK

SHEET INDEX	
NUMBER	NAME
E0.000	ELECTRICAL LEGEND
E1.000	ELECTRICAL SPECIFICATIONS
E2.201A	FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA A
E2.201B	FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA B
E2.201C	FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA C
E2.201D	FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA D
E3.201C	FLOOR PLAN - LEVEL02 SKYWAY
E4.000	ENLARGED PLANS - ELECTRICAL
E5.000	ELECTRICAL RISER DIAGRAM
E6.000	ELECTRICAL PANEL SCHEDULES
E6.001	ELECTRICAL PANEL SCHEDULES

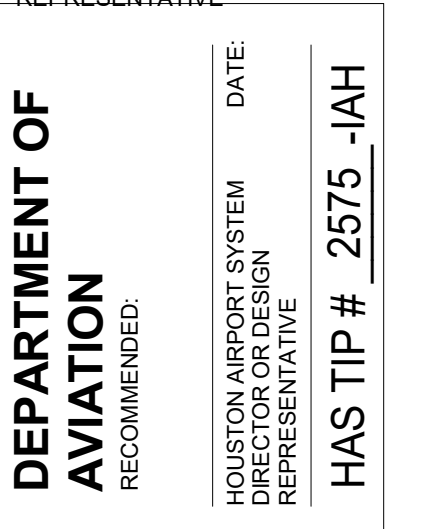
GENERAL NOTES	
1.	ALL SYMBOLS SHOWN MAY NOT BE USED.
2.	#12 AWG NEUTRAL CONDUCTOR SHALL BE INCLUDED FOR EACH BRANCH CIRCUIT UNLESS OTHERWISE NOTED.
3.	#12 AWG GREEN GROUND CONDUCTOR SHALL BE INCLUDED IN EACH RACEWAY UNLESS OTHERWISE NOTED.
4.	HOME RUNS TO PANEL BOARDS SHALL HAVE A MAXIMUM OF THREE (3) PHASE CONDUCTORS (ONE PER PHASE) PLUS DEDICATED NEUTRAL FOR EACH PHASE CONDUCTOR AND GROUND CONDUCTOR IN EACH CONDUIT.
5.	ALL WORK SHALL BE PERFORMED BY A LICENSED MASTER ELECTRICIAN IN A FIRST CLASS NEXT, WORKMANLIKE MANNER.
6.	THE ELECTRICAL INSTALLATION SHALL MEET THE APPROVAL OF THE LOCAL GOVERNING AUTHORITIES AND THE OWNER'S REPRESENTATIVE PRIOR TO ACCEPTANCE.
7.	THE CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING. BID SHALL INCLUDE ALSO INCLUDE ALLOWANCES SHOWN IN SPECIFICATIONS AND GENERAL NOTES.
8.	CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, DEVICES, EQUIPMENT, ACCESSORIES, ETC. REQUIRED FOR FULLY FUNCTIONING SYSTEMS.
9.	IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY DETAIL FOR CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM. PROVIDE EVERYTHING NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
10.	THE CONTRACTOR SHALL NOT SCALE DRAWINGS. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT UNLESS NOTED OTHERWISE.
11.	PROPOSED CONDUIT ROUTINGS SHOWN ON DRAWINGS ARE DIAGRAMMATIC AND DO NOT INTEND TO SHOW THE ACTUAL ROUTING CONDITIONS. THE CONTRACTOR SHALL COORDINATE EXACT CONDUIT ROUTINGS WITH ALL TRADES PRIOR TO COMMENCEMENT OF WORK. PROVIDE PULL BOXES AS REQUIRED PER APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING ACTUAL PROPOSED ROUTING CONDITIONS PER ACTUAL FIELD CONDITIONS AND COORDINATION WITH ALL TRADES.
12.	MAINTAIN THE FIRE RATING OF ALL WALL AND FLOOR PENETRATIONS AS REQUIRED THROUGH WHICH CONDUIT PASSES AND JUNCTION BOXES ARE INSTALLED.
13.	ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
14.	ALL CONDUIT IN PUBLIC AREAS SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
15.	COORDINATE EXACT LOCATIONS FOR EQUIPMENT SPECIFIED BY OTHER TRADES AND VENDORS IN FIELD PRIOR TO ROUGHING IN AND ROUTING CONDUITS. LOCATIONS THAT ARE SHOWN ARE APPROXIMATE AND NOT INTENDED TO BE USED AS EXACT.
16.	CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICAL SERVICE AS REQUIRED FOR USE BY ALL TRADES DURING CONSTRUCTION. REMOVE TEMPORARY POWER AT THE COMPLETION OF THE PROJECT.
17.	THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING: SINGLE LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM, SITE PLANS, AND ELECTRICAL FLOOR PLANS.
18.	AT THE COMPLETION OF WORK THE CONTRACTOR SHALL REMOVE ALL DUST AND DEBRIS CAUSED BY CONSTRUCTION WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT.
19.	CONTRACTOR SHALL PROVIDE ALL LOW VOLTAGE CABLING, RACEWAYS, AND ADDITIONAL ACCESSORIES REQUIRED FOR PROPER INSTALLATION.
20.	CONTRACTOR TO VERIFY ALL MOUNTING HEIGHTS FOR ALL DEVICES INSTALLED ON WALLS PER DRAWINGS.
21.	CONTRACTOR TO VERIFY ALL MOUNTING HEIGHTS FOR ALL DEVICES INSTALLED ON WALLS PER DRAWINGS.
22.	BX (MC) CABLE IS PROHIBITED FOR USE ON THIS PROJECT.
23.	ALL EXTERIOR CONNECTIONS SHALL BE WATER TIGHT RATED.



HAS AVIATION DEPT.
16930 JOHN F. KENNEDY
BLVD. HOUSTON TX
77032
[T] (281) 233-1757
[F] (281) 233-1800



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SUITE 200
HOUSTON, TX 77042
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[F] 713 968 5333
www.pgal.com



5353 West Alabama Suite 400
Houston, TX, 77056
Phone: 832.371.6181
Texas Firm: F-14583
Project No.: 02.18026
HAS
REPRESENTATIVE



PROJECT LOCATION
**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	06/28/2020

PROJECT NUMBER
1003770

SHEET TITLE

ELECTRICAL LEGEND

SHEET NUMBER
E0.000

ELECTRICAL SPECIFICATIONS

SECTION 260100 - BASIC ELECTRICAL SCOPE OF WORK REQUIREMENTS:

- A. ALL WORK SHALL BE IN COMPLIANCE WITH THE LATEST APPLICABLE CODES, LAWS AND ORDINANCES AND THE NATIONAL ELECTRICAL CODE. PROVIDE AND FURNISH ALL LABOR, MATERIALS, PERMITS AND INCIDENTALS REQUIRED TO COMPLETE ALL WORK AS SHOWN ON CONTRACT DOCUMENTS.
- B. PRACTICE INSTALLATIONS (JUNCTION BOXES, LUMINAIRES, AND TERMINATIONS) SHALL BE INSTALLED IN ACCORDANCE TO THE NEC 2017 PLENUM RATED STANDARDS.
- C. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL SCOPE AND ARRANGEMENT OF THE ELECTRICAL INSTALLATION AND ARE NOT INTENDED TO SHOW EVERY CONNECTION, CONDUIT OR EXACT LOCATION AND EXTENT OF WORK. CONTRACTOR SHALL INSTALL THE WORK COMPLETE, INCLUDING DETAILS AND EQUIPMENT NECESSARY TO PERFORM THE FUNCTION INDICATED ON THE DRAWINGS. SUBMIT SHOP DRAWINGS FOR ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH THE PROJECT UNDER ONE SUBMITTAL. SEPARATE SUBMITTALS MAY BE REJECTED. SUBMIT DIMENSIONED ELECTRICAL ROOM LAYOUTS ON 1/4" SCALE WITH MANUFACTURER'S EQUIPMENT LOCATIONS SHOWN THEREIN.
- D. ALL MATERIALS SHALL BE NEW AND FREE OF DEFECTS, AND SHALL BE U.L. LISTED OR BE LISTED WITH AN APPROVED, NATIONALLY RECOGNIZED ELECTRICAL TESTING AGENCY.
- E. INSPECT ALL NEW MATERIAL AND EQUIPMENT PRIOR TO INSTALLATIONS FOR DAMAGES, AND SHALL VERIFY EQUIPMENT OPERATES SATISFACTORILY.
- F. WARRANT ALL MATERIAL AND EQUIPMENT FURNISHED TO COMPLETE ALL WORK FOR ONE YEAR AFTER FINAL ACCEPTANCE OF COMPLETION. MATERIALS AND EQUIPMENT DEFECTS OF FAILURES DUE TO ABUSE, OR WORKMANSHIP NEGLIGENCE SHALL BE MADE GOOD BY THE CONTRACTOR WITHOUT COST TO THE OWNER.
- G. PROVIDE ONLY NEW, STANDARD UNDERWRITER'S LABORATORY INC. LISTED FIRST-GRADE MATERIALS THROUGHOUT, AND SHALL BE MARKED WITH UNDERWRITER'S LABORATORY INC. LISTED AND WITH MANUFACTURER'S BRAND OR TRADEMARK. ALL MATERIALS SHALL BE OF ONE MANUFACTURER.
- H. CONTRACTOR SHALL BE EXPERIENCED IN THEIR TRADE. CONTRACTOR'S WORK SHALL PRESENT A NEAT APPEARANCE UPON COMPLETION. MATERIALS AND EQUIPMENT INSTALLED SHALL BE PLUMB, STRAIGHT, AND LEVEL.
- I. COORDINATE THE INSTALLATION OF WIRING DEVICES AND RACEWAYS WITH TWO-BOLT CONDUIT CLAMPS FOR OWNER-FURNISHED EQUIPMENT PRIOR TO ROUGH-IN. COORDINATE ELECTRICAL EQUIPMENT AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS AND TRADES. REVIEW AND COORDINATE BETWEEN ALL CONSTRUCTION DOCUMENTS AND PROJECT SPECIFICATIONS.
- J. COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SLEEVES TO BE SET IN POURED IN PLACE CONCRETE AND OTHER BUILDING MATERIALS. PROVIDE WIRING DEVICES AND EQUIPMENT WITH LOCAL UTILITY SERVICES TO PATCHING OF BUILDING COMPONENTS TO ACCOMMODATE THE INSTALLATION OF ELECTRICAL EQUIPMENT AND MATERIALS IN RENOVATION PROJECTS.
- K. ALL STRUCTURAL WORK SHALL BE REVIEWED WITH THE BUILDING AND SUBMITTED TO THE BUILDING FOR APPROVAL AFTER STRUCTURAL REVIEW. ALL REMOVAL OF EXISTING STRUCTURAL FIRE PROOFING DUE TO NEW STRUCTURAL WORK SHALL BE REPLACED WITH EQUAL RATING TO MATCH ORIGINAL RATING.
- L. COORDINATE CONNECTION OF ELECTRICAL SYSTEMS AND EQUIPMENT REQUIREMENTS WITH LOCAL UTILITY SERVICES TO PROVIDE AND COMPLY WITH THE REQUIREMENTS FOR EACH SERVICE.
- M. UPON COMPLETION OF WORK, TEST ALL WIRING AND EQUIPMENT INSTALLATION, AND SHALL BE IN PERFECT WORKING CONDITION IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS. MARK DRAWINGS TO INDICATE ACTUAL FIELD CONDITIONS.
- N. THE WORD "PROVIDE" MEANS FOR THE CONTRACTOR TO FURNISH AND INSTALL.
- O. INSTANTANEOUS AMP READINGS SHALL BE CONDUCTED ON ALL OF THE EXISTING PANELS SHOWN ON PLANS OR FOUND TO BE RELATED TO THE SCOPE OF WORK. OBSERVED AMP READINGS SHALL BE PROVIDED TO THE ARCHITECT AND ENGINEERING FIRM PRIOR TO THE COMMENCEMENT OF WORK TO VERIFY THE LOADS AND TO CONFIRM IF THE ALLOWANCES SHOWN ARE APPROPRIATE FOR THE EXISTING SYSTEMS.
- P. EXISTING CONDUITS AND CABLING SHOWN TO REMAIN IN THE AREAS OF EXPOSED/OPEN CEILINGS, SHALL BE NEATLY MOUNTED AND GROUPED TOGETHER.
- Q. ALL INSTALLATIONS SHALL MEET OR EXCEED THE LATEST OBSERVED H.A.S. ELECTRICAL STANDARDS.
- R. CONTRACTOR SHALL BE PROVIDED A \$25,000 ALLOWANCE THAT SHALL BE UTILIZED FOR ANY ELECTRICAL RELATED FIELD MODIFICATIONS THAT MAY BE ENCOUNTERED DUE TO EXISTING CONDITIONS. ANY REMAINDER OF THE ALLOWANCE THAT IS NOT USED SHALL BE ISSUED BACK TO THE OWNER AS A CREDIT.

260519 CONDUCTORS AND CABLES:

- A. WIRING GENERAL: CONDUCTORS SHALL BE COPPER AND HAVE CURRENT CARRYING CAPACITIES AS PER N.E.C. WITH 600 VOLT INSULATION, AND COMPLY WITH NEMA WC 70. ALUMINUM CONDUCTORS MAY BE USED UPON APPROVAL. CONDUCTORS SHALL BE #12 MINIMUM, EXCEPT FOR CONTROLS AND FLEXIBLE WIRE. SOLID FOR #10 AND SMALLER CONDUCTORS, STRANDED FOR #8 AND LARGER.
- B. FEEDERS, BRANCH CIRCUITS, CLASS 1 AND CLASS 2 CIRCUITS SHALL BE INSULATION TYPE XHHW OR THWN, WITH 90 DEG CELSIUS (194F) RATING.
- C. MAINTAIN STANDARD COLOR CODING OF BLACK, RED, AND BLUE FOR 120/208 VOLT 3-PHASE WIRING AND BROWN, ORANGE AND YELLOW FOR 277/480 VOLT 3-PHASE WIRING. COLOR CODING SHALL MATCH EXISTING FACILITIES WHERE THE COLOR CODING IS NOT STANDARD. WHITE NEUTRAL AND GREEN GROUND.
- D. CONCEAL CABLES IN FINISH FLOOR, CEILING, AND FLOORS, UNLESS OTHERWISE INDICATED. INSTALL EXPOSED CABLES PARALLEL AND PERPENDICULAR TO SURFACES OF EXPOSED STRUCTURAL MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.
- E. MAKE SPLICES AND TAPS THAT ARE COMPATIBLE WITH CONDUCTOR MATERIAL AND THAT POSSESS EQUIVALENT OR BETTER MECHANICAL STRENGTH AND INSULATION RATINGS THAN UNSPLICED CONDUCTORS. SERVICE ENTRANCE AND PANEL FEEDERS SHALL NOT BE SPLICED. TERMINATE ELECTRICAL CONDUCTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A AND UL 488B.
- F. WIRING AT OUTLETS: INSTALL CONDUCTOR AT EACH OUTLET, WITH AT LEAST 12 INCHES OF SLACK.
- G. FLEX WHIPS ARE ONLY ALLOWED FROM JUNCTION BOXES TO THE LIGHT FIXTURES, WITH A MAXIMUM LENGTH OF 3'.
- H. ALL CABLING IS PROHIBITED FOR USE ON THIS PROJECT.
- I. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH THE FINISH OF THE CEILING OR WALL WHERE THE CONDUIT IS ROUTED / ATTACHED TO.

260526 GROUNDING AND BONDING:

- A. GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL CODES AND REQUIREMENTS.
- B. FEEDERS AND BRANCH CIRCUITS SHALL HAVE INSTALLED IN THE SAME RACEWAY AS THE CIRCUIT CONDUCTORS, AN INSULATED COPPER GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH NEC.
- C. DESCRIPTION OF SYSTEM: IN GENERAL, ALL ELECTRICAL EQUIPMENT (METALLIC CONDUIT, MOTOR FRAMES, PANEL BOARDS, ETC.) SHALL BE BONDED TOGETHER WITH A GREEN INSULATED OR BARE COPPER SYSTEM GROUNDING CONDUCTOR IN ACCORDANCE WITH SPECIFIC RULES OF ARTICLE 250 OF THE N.E.C. EQUIPMENT GROUNDING CONDUCTORS THROUGH THE RACEWAY SYSTEM SHALL BE CONTINUOUS FROM MAIN SWITCH GROUND BUS TO PANEL GROUND BAR OF EACH PANEL BOARD, AND FROM PANEL GROUNDING BAR OF EACH PANEL BOARD TO BRANCH CIRCUIT EQUIPMENT AND DEVICES. CONNECTORS LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR APPLICATIONS IN WHICH USED, AND FOR SPECIFIC TYPES, SIZES, AND COMBINATIONS OF CONDUCTORS AND OTHER ITEMS CONNECTED. ALL FEEDER METALLIC CONDUITS AND FLEXIBLE METAL CONDUITS CONNECTIONS TO PANEL CABINETS, EQUIPMENT CABINETS, TRANSFORMER ENCLOSURES, ETC. SHALL BE PROVIDED WITH GROUNDING BUSHINGS.
- D. ELECTRICAL ROOM GROUND BUS BARS: NEWTON INSTRUMENT COMPANY INSULATED GROUND BAR, MINIMUM SIZE 1/2" x 4" x 10", COPPER, MANUFACTURER PRE-DRILLED HOLES. ALL GROUND BUS BARS SHALL BE BONDED TO MAIN ELECTRICAL GROUND BUS BAR WITH MINIMUM 30 COPPER GROUND, OR SIZED PER CODE, FOR A CONTINUOUS COPPER GROUNDING SYSTEM. UTILIZING BUILDING STEEL OR FOOTING IS NOT ACCEPTABLE. TELECOMMUNICATIONS, IDF, DATA, COMPUTER, AND SIMILAR ROOMS: NEWTON INSTRUMENT COMPANY INSULATED GROUND BAR, 1/2" x 4" x 20", COPPER, MANUFACTURER PRE-DRILLED HOLES. BOND GROUND BUS BAR TO MAIN ELECTRICAL GROUND BUS BAR WITH MINIMUM 30 AWG COPPER.
- E. GROUND RODS: STANDARD STEEL, SECTIONAL TYPE, 3/4 INCH IN DIAMETER, BY 10 FEET. PROVIDE ADDITIONAL LENGTHS IN 10' SECTIONS TO ACHIEVE SPECIFIED MINIMUM RESISTANCE TO GROUND, MEASURED IN OHMS, AT BUILDING SERVICES GROUNDING SYSTEMS. EXOTHERMIC CADWELD SHALL BE USED FOR BUILDING GROUNDING SYSTEM CONNECTION TO DRIVEN GROUND RODS AND CONNECTION TO LIGHTNING PROTECTION DRIVEN GROUND RODS.
- F. GROUNDING AND BONDING FOR PIPING: METAL WATER SERVICE PIPE: INSTALL INSULATED COPPER GROUNDING CONDUCTORS IN CONDUIT. GROUNDING EQUIPMENT AND CONNECTIONS TO MAIN METAL WATER SERVICE ENTRANCES TO BUILDING. BOND EACH ABOVE GROUND PORTION OF GAS PIPING SYSTEM DOWNSTREAM FROM EQUIPMENT SHUTOFF VALVE. CONCRETE ENCASED ELECTRODE IN BUILDING FOOTER SHALL BE A BARE CONDUCTOR, SAME SIZE AS THE BUILDING SYSTEMS GROUNDING CONDUCTOR, ROUTED MINIMUM 20" AND TIE WIRED TO THE REINFORCING BARS.
- G. PERFORM GROUNDING TEST: PERFORM TESTS BY FALL-OF-POTENTIAL METHOD ACCORDING TO IEEE 81, USING MECHMETER. REPORT MEASURED GROUND RESISTANCES THAT EXCEED 5 OHMS. EXCESSIVE GROUND RESISTANCE: IF RESISTANCE TO GROUND EXCEEDS 5 OHMS, PROVIDE ADDITIONAL DRIVEN GROUNDING RODS UNTIL THE MEASURED GROUND RESISTANCE DOES NOT EXCEED 5 OHMS.

260529 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS:

- A. HANGERS AND SUPPORTS FOR ELECTRICAL EQUIPMENT AND RACEWAYS SHALL COMPLY WITH THE NEC AND NECA 1 AND NECA 101. SPACE SUPPORTS FOR EMT, IMC AND RMC AS REQUIRED BY THE NEC. MINIMUM ROD SIZE SHALL BE 1/2 INCH IN DIAMETER.
- B. CONDUIT AND CABLE SUPPORT DEVICES: STEEL HANGERS, CLAMPS AND ASSOCIATED FITTINGS, DESIGNED FOR TYPES AND SIZES OF RACEWAY OR CABLE TO BE SUPPORTED. EXTERIOR AND WET LOCATIONS SHALL BE STAINLESS STEEL OR ALUMINUM WITH STAINLESS STEEL HARDWARE.
- C. SUPPORT FOR CONDUCTORS IN VERTICAL CONDUIT: FACTORY-FABRICATED ASSEMBLY CONSISTING OF THREADED BODY AND INSULATING WEDGING PLUG OR PLUGS FOR NON-ARMORED ELECTRICAL CONDUCTORS OR CABLES IN RIGID CONDUITS. PLUGS SHALL HAVE NUMBER, SIZE, AND SHAPE OF CONDUCTOR GRIPPING PIECES AS REQUIRED TO SUIT CABLES SUPPORTED. MOUNTING, ANCHORING AND ATTACHMENT COMPONENTS: ITEMS FOR FASTENING ELECTRICAL TO THEIR SUPPORTS TO BUILDING SURFACES INCLUDE: MECHANICAL-EXPANSION ANCHORS, INSERT-WEDGE-TYPE, ZINC-COATED STEEL OR STAINLESS STEEL, FOR USE IN HARDENED PORTLAND CEMENT CONCRETE WITH TENSION, SHEAR, AND PULLOUT CAPACITIES. APPROPRIATE FOR SUPPORTED LOADS AND BUILDING MATERIALS IN WHICH USED. CONCRETE INSERTS, STEEL OR MALLEABLE-IRON, SLOTTED SUPPORT SYSTEM UNITS SIMILAR TO MSS TYPE 18, COMPLYING WITH MFMA-4 OR MISS SP-58. CLAMPS FOR ATTACHMENT TO STEEL STRUCTURAL ELEMENTS, MISS SP-58, TYPE SUITABLE FOR ATTACHED STRUCTURAL ELEMENT. THROUGH BOLTS, STRUCTURAL TYPE, HEX HEAD, AND HIGH STRENGTH. COMPLY WITH ASTM A 325. TOGGLE BOLTS, ALL-STEEL SPRINGHEAD TYPE. HANGER RODS, THREADED, ALL EXISTING EXPOSED STRUCTURAL STEEL DUE TO DEMOLITION WORK AND NEW HANGER MOUNTING TO STRUCTURAL THAT REMOVES EXISTING FIREPROOF SPRAY MATERIALS SHALL BE REPLACED WITH EQUAL FIRE RATING TO MATCH.
- E. STEEL MOUNTING APPARATUS FOR EXTERIOR APPLICATIONS SHALL BE STAINLESS STEEL. EXTERIOR LOCATED SUPPORT APPARATUS SHALL CONSIST OF DIRECT BURIAL CONCRETE POSTS, STAINLESS STEEL OR ALUMINUM CHANNEL, AND STAINLESS STEEL SPRINGS, BOLTS, WASHERS, ETC.
- F. MULTIPLE RACEWAYS OR CABLES SHALL HAVE A TRAPEZE-TYPE SUPPORTS FABRICATED WITH STEEL SLOTTED OR OTHER SUPPORT SYSTEM, SIZED SO CAPACITY CAN BE INCREASED BY AT LEAST 25 PERCENT IN FUTURE WITHOUT EXCEEDING SPECIFIC WORKING LOADS FOR CABLES TO THESE SUPPORTS WITH TWO-BOLT CONDUIT CLAMPS USING SPRING FRCTION ACTION FOR RETENTION IN SUPPORT CHANNEL. SPRING-STEEL CLAMPS DESIGNED FOR SUPPORTING SINGLE CONDUITS WITHOUT BOLTS MAY BE USED FOR 1-1/2-INCH AND SMALLER RACEWAYS SERVING BRANCH CIRCUITS AND COMMUNICATION SYSTEMS ABOVE SUSPENDED CEILINGS, SUPPORTING RACEWAYS VIA OTHER RACEWAYS CABLE TRAYS AND WIREWAYS ARE NOT APPROVED.

260533 RACEWAYS AND BOXES:

- A. LISTING AND LABELING: METAL CONDUITS AND NONMETALLIC CONDUITS, TUBING, AND FITTINGS SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND MARKED FOR INTENDED LOCATION AND APPLICATION.
- B. ALL CONDUIT SHALL MEET THE REQUIRED MINIMUM RATING.
- C. CONDUIT EQUIPMENT RIGID SHALL BE MINIMUM 1" GALVANIZED OUTSIDE AND INSIDE BY HOT DIPPING, E.M.T. SHALL BE MINIMUM 3/4" AND SHALL BE ELECTRO-GALVANIZED. CONDUITS SHALL BE AS MANUFACTURED BY ALLIED, PITTSBURGH STANDARD, REPUBLIC, THOMAS & BETTS, TRIANGLE, WHEATLAND OR YOUNGSTOWN.
- D. RIGID ALUMINUM CONDUIT IS ALLOWED FOR INSTALLATION WITH PRIOR APPROVAL FROM BUILDING ENGINEER AND AIE FIRM. PROVIDE END BUSHINGS IN ALL EMPTY RACEWAYS. PULL STRINGS SHALL HAVE A TENSILE STRENGTH NOT LESS THAN 200 LBS. METALLIC RACEWAY MAY BE BONDED TO CABINETS, BOXES AND PANELBOARDS BY DOUBLE LOCKOUT AND BUSHING TO ENSURE THE METALLIC PARTS ARE ALL EFFECTIVELY GROUNDED.
- F. CONDUIT ABOVE GRADE OR CONCEALED IN WALLS SHALL BE EMT (INTERIOR ONLY), IMC OR GALVANIZED. CONDUIT BELOW GRADE SHALL BE RIGID (SCHEDULE 40), CONNECTION TO VIBRATING EQUIPMENT, INCLUDING TRANSFORMERS AND HYDRAULIC, PNEUMATIC, ELECTRIC SOLENOID OR MOTOR-DRIVEN EQUIPMENT, FMC, EXCEPT USE LFMC IN DAMP OR WET LOCATIONS, MAXIMUM LENGTH 72 INCHES. CONCEAL CONDUIT WITHIN FINISHED WALLS, CEILINGS, AND FLOORS, UNLESS OTHERWISE INDICATED.
- G. CONDUIT OUTSIDE AND EXPOSED TO PHYSICAL DAMAGE OR IN DAMP OR WET LOCATIONS SHALL BE RIGID GALVANIZED (HEAVY WALL).
- H. SEALANT: PROVIDE A CLOSED CELL SILICONE FOAM SEALANT RATED TO PROVIDE A RATING EQUAL TO THE WALL, CEILING, OR FLOOR ASSEMBLY RATING. PROVIDE SEALS FOR THE EXTERIOR OF CONDUIT PENETRATIONS CONSISTING OF A CAST-IN-PLACE SLEEVE WITH A COMPRESSIBLE RUBBER GASKET BETWEEN THE CONDUIT AND THE SLEEVE. PROVIDE SEALS FOR THE INTERIOR OF THE CONDUIT PENETRATIONS CONSISTING OF GLAND TYPE SEALING BUSHING OR CLOSED CELL SILICONE FOAM. PROVIDE DUCT SEAL INSIDE AN APPROPRIATE SEAL-OFF FITTING TO SEAL THE INTERIOR OF THE CONDUIT SYSTEM FROM WATER SEEPAGE OR HAZARDOUS GASES.
- I. COUPLINGS: ALL COUPLINGS AND CONNECTORS FOR EMT SHALL BE OF COMPRESSION TYPE.
- J. OUTLET SHALL BE STANDARD TYPE, WITH KNOCKOUTS, MADE OF HOT DIPPED GALVANIZED STEEL AS MANUFACTURED BY STEEL CITY, RACO OR APPLINGTON. BOX EXTENSIONS USED TO ACCOMMODATE NEW BUILDING FINISHES SHALL BE OF SAME MATERIAL AS RACEWAY.
- K. CEILING OUTLET BOXES SHALL BE 4-INCH OCTAGON 1-1/2 INCH DEEP OR LARGER WHEN REQUIRED DUE FOR NUMBER OF CONDUCTORS OR CONDUIT ENTRY. LUMINAIRE OUTLET BOXES: NON-ADJUSTABLE, DESIGNED FOR ATTACHMENT OF LUMINAIRE WEIGHING 50 LB, OUTLET BOXES DESIGNED FOR ATTACHMENT OF LUMINAIRES WEIGHING MORE THAN 50 LB SHALL BE LISTED AND MARKED FOR THE MAXIMUM ALLOWABLE WEIGHT.
- L. OUTLET BOXES SHALL BE PROVIDED WITH APPROVED 3/8 INCH FIXTURE STUDS WHEN REQUIRED. PROVIDE JUNCTION OR PULL BOXES WHERE SHOWN ON THE DRAWINGS AS REQUIRED TO FACILITATE INSTALLING CONDUCTORS. BOXES SHALL BE SIZED IN ACCORDANCE WITH THE NEC. ALL JUNCTION BOXES SHALL BE ACCESSIBLE. HORIZONTALLY SEPARATE BOXES MOUNTED ON OPPOSITE SIDES OF WALLS SO THEY ARE NOT IN THE SAME VERTICAL CHANNEL AND TO MAINTAIN WALL FIRE RATING.
- M. METAL FLOOR BOXES: CAST METAL FOR SLAB ON SLAB OR GRADE OR SHEET METAL, FULLY ADJUSTABLE. RECTANGULAR METAL FLOOR BOXES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY AND MARKED FOR INTENDED LOCATION AND APPLICATION.
- N. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH EXPOSED CEILING. COORDINATE EXACT FINISH WITH ARCHITECT PRIOR TO INSTALLATION. LABELS AND MARKINGS SHALL BE INSTALLED AFTER PAINT FINISH HAS BEEN APPLIED.

260544 SLEEVES AND SEALS FOR ELECTRICAL RACEWAYS AND CABLING:

- A. COORDINATE SLEEVE SELECTION AND APPLICATION FOR RACEWAYS AND CABLES THROUGH FIRE RATED PENETRATIONS WITH "THROUGH-PENETRATION FIRESTOP SYSTEMS" SPECIFIED IN ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. FOR FIRE-RATED-ASSEMBLY PENETRATIONS, MAINTAIN INDICATED FIRE RATINGS OF WALLS, PARTITIONS, CEILINGS AND FLOORS AT CABLE PENETRATIONS. INSTALL SLEEVES AND SEAL WITH FIRESTOP MATERIALS ACCORDING TO LISTING.
- B. SLEEVE INSTALLATION FOR NON-FIRE-RATED ELECTRICAL PENETRATIONS: WALL SLEEVES, GALVANIZED-STEEL SHEET, 0.0239- INCH MINIMUM THICKNESS; ROUND TUBE CLOSED WITH TABS FOR SCREW-FASTENING THE SLEEVE TO THE BOARD. SLEEVES FOR RECTANGULAR OPENINGS: FOR SLEEVE CROSS-SECTION RECTANGLE PERIMETER LESS THAN 50 INCHES AND WITH NO SIDE LARGER THAN 16 INCHES; WALL SLEEVES SHALL BE 1/2 INCH THICK. FOR SLEEVE CROSS-SECTION RECTANGLE PERIMETER 50 INCHES OR MORE AND ONE OR MORE SIDES LARGER THAN 16 INCHES, THICKNESS SHALL BE 0.138 INCH. CUT SLEEVES TO LENGTH FOR MOUNTING FLUSH WITH BOTH WALL SURFACES. EXTEND SLEEVES INSTALLED IN FLOORS 2 INCHES ABOVE FINISHED FLOOR LEVEL. SIZE PIPE SLEEVES TO PROVIDE 1/4-INCH ANNULAR CLEAR SPACE BETWEEN SLEEVE AND CABLE UNLESS SLEEVE SEAL IS TO BE INSTALLED. SEAL SPACE OUTSIDE OF SLEEVES WITH GROUT FOR PENETRATIONS OF CONCRETE AND MASONRY AND WITH APPROVED JOINT COMPOUND FOR GYPSUM BOARD ASSEMBLIES. ROOF-PENETRATION SLEEVES- SEAL PENETRATION OF INDIVIDUAL CABLES WITH FLEXIBLE BOOT-TYPE FLASHING UNITS APPLIED IN COORDINATION WITH ROOFING WORK. ABOVEGROUND EXTERIOR-WALL PENETRATIONS- SEAL PENETRATIONS USING SLEEVES AND MECHANICAL SLEEVE SEALS AND SIZE SLEEVES TO ALLOW FOR 1-INCH ANNULAR CLEAR SPACE BETWEEN PIPE AND SLEEVE FOR INSTALLING MECHANICAL SLEEVE SEALS. UNDERGROUND EXTERIOR-WALL PENETRATIONS- INSTALL CAST-IRON "WALL PIPES" FOR SLEEVES. SIZE SLEEVES TO ALLOW FOR 1-INCH ANNULAR CLEAR SPACE BETWEEN CABLE AND SLEEVE FOR INSTALLING MECHANICAL SLEEVE SEALS.
- C. ALL CONDUIT SLEEVE INSTALLATIONS SHALL BE SUBMITTED FOR PRIOR APPROVAL BY H.A.S. TER REPRESENTATIVE AGENCY AND A/E FIRMS PRIOR TO COMMENCEMENT OF WORK.

260553 ELECTRICAL IDENTIFICATION:

- A. NAMEPLATES: ENGRAVED PLASTIC LAMINATE NAMEPLATES: PROVIDE ENGRAVING PHENOLIC PLASTIC LAMINATE IN SIZES AND THICKNESS INDICATED, ENGRAVED WITH 1/16 INCH THICK LINES WITH SQUARE STANDARD PICA LETTERING AND WORDING AS SPECIFIED HEREIN. BLACK FACE AND WHITE LETTER FOR NORMAL SIZES AND RED AND WHITE FOR EMERGENCY AND FIRE ALARM SYSTEMS. FINISHING TO INDICATE THE CIRCUITS CONTAINED THEREIN, SOURCE PANEL, AND DESTINATION. PROVIDE ADHESIVE TYPE LABEL, TO INDICATE ELECTRICAL CIRCUITS ON WALL PLATES FOR ALL ELECTRICAL DEVICES (SWITCH, RECEPTACLE, ETC.) INSTALLED. LABEL SHALL BE APPLIED TO THE TOP PORTION OF THE WALL PLATE.
- E. ALL CONDUITS LOCATED IN PLENUM SPACE AND EXPOSED CEILINGS, SHALL BE PROVIDED WITH LABELS (ORANGE BACKGROUND BLACK LETTERING) STATING THE VOLTAGE (120, 208, 277, OR 480V), AND LOAD (LIGHTING, POWER, COMMUNICATIONS, ETC.).
- F. PROVIDE ARC FLASH LABELS ON THE EXTERIOR HOUSING ALL ELECTRICAL DISTRIBUTION DEVICES (PANELS, DISCONNECTS, ETC.).
- G. PROVIDE 3/16" LABEL FOR LIGHT SWITCHES NOT IN SIGHT OF FIXTURES THEY CONTROL.
- H. SPECIAL PURPOSE POWER RECEPTACLES SHALL BE PROVIDED WITH 3/16" LABEL IDENTIFYING VOLTAGE, PHASE, AND SOURCE OF SUPPLY.

262200 LOW VOLTAGE TRANSFORMERS:

- A. ELECTRICAL COMPONENTS, DEVICES AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY AND MARKED FOR INTENDED LOCATION AND APPLICATION. TRANSFORMERS SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, ITE OR SQUARE D.
- B. PROVIDE LOW VOLTAGE LIGHTING TRANSFORMERS. TRANSFORMERS SHALL STEP DOWN 277V TO 120V FOR THE LED LIGHTING SYSTEM WHERE NOT AVAILABLE IN 277V. PANELBOARD. PROVIDE NEUTRAL BUS WITH TERMINALS FOR EACH CIRCUIT IN THE PANEL, INCLUDING FUTURE CIRCUITS.

262416 PANEL BOARDS:

- A. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION. PANELBOARDS SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SIEMENS OR SQUARE D.
- B. PROVIDE PANEL BOARDS WITH MAIN BREAKER OR MAIN LUGS WHERE SHOWN ON THE DRAWINGS, OF A DEAD FRONT, DISTRIBUTED PHASE SEQUENCE DESIGN. PANEL BOARDS SHALL BE EQUIPPED WITH HINGED TRIM FRONT COVER AND KEYPAD ALIKE.
- C. PANELBOARD SHALL BE PROVIDED WITH DOOR IN DOOR CONSTRUCTION THAT IS CAPABLE OF BEING OPENED WITHOUT THE REMOVAL OF ANY SCREWS TO VIEW THE INTERIOR COMPARTMENT OF THE PANEL.
- D. DISTRIBUTION TYPE PANELBOARDS SHALL BE USED FOR 600 AMP AND LARGER PANEL BOARDS. CIRCUIT BREAKERS AND MAIN CIRCUIT BREAKERS SHALL BE ELECTRONIC TRIP CIRCUIT BREAKERS WITH RMS SENSING, FIELD-REPLACEABLE RATING PLUG OR ELECTRONIC TRIP, WITH FIELD-ADJUSTABLE SETTINGS FOR INSTANTANEOUS TRIP, LONG- AND SHORT-TIME PICKUP AND ADJUSTABLE LEVELS. FRAME AND TRIP SIZES INDICATED IN THE SCHEDULES. MAIN CIRCUIT BREAKERS SHALL BE 100 PERCENT RATED MAINS.
- E. LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARDS SHALL BE PROVIDED FOR 400 AMP AND SMALLER PANEL BOARDS AND MAIN CIRCUIT BREAKERS SHALL BE ELECTRONIC TRIP CIRCUIT BREAKERS WITH RMS SENSING. FIELD-REPLACEABLE RATING PLUG OR ELECTRONIC TRIP. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER. BREAKERS SHALL TRIP FREE OF THE HANDLE AND TRIPPING SHALL BE INDICATED BY THE HANDLE ASSUMING A POSITION BETWEEN OFF AND ON. MULTI-POLE BREAKERS SHALL BE INTERNAL. COMMON TRIP WITH SINGLE OPERATING HANDLE; EXTERNAL HANDLE TIES ARE NOT ACCEPTABLE.
- F. PROVIDE CEILING SPACE OR SPACE DESIGNATED TO BE CEILING SPACE IN THE FUTURE. ARRANGE CONDUCTORS IN GUTTERS INTO GROUPS AND BUNDLE AND WRAP WITH WIRE TIES.
- G. FIELD QUALITY CONTROL: PERFORM TESTS AND INSPECTIONS. TEST INSULATION RESISTANCE FOR EACH PANELBOARD BUS, COMPONENT, CONNECTING SUPPLY, FEEDER AND CONTROL CIRCUIT. TEST CONTINUITY OF EACH CIRCUIT. PERFORM AND REPORT TESTS AND INSPECTION AND ELECTRICAL TESTING TO ARCHITECT FOR ACCEPTANCE TESTING SPECIFICATION. CERTIFY COMPLIANCE WITH TEST PARAMETERS AND CORRECT MALFUNCTIONING UNITS ON-SITE, WHERE POSSIBLE, AND RETEST TO DEMONSTRATE COMPLIANCE; OTHERWISE, REPLACE WITH NEW UNITS AND RE-TEST.
- H. DIRECTORIES: A TYPED PANEL BOARD DIRECTORY SHALL BE PROVIDED FOR EACH PANELBOARD AND SHALL INDICATE THE LOCATION AND NUMBER USED. CIRCUIT BREAKERS SHALL BE BOLT ON QUICK MAKE, QUICK-BREAK THERMAL-MAGNETIC TYPE WITH FRAME AND TRIP SIZES INDICATED IN THE SCHEDULES. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER. BREAKERS SHALL TRIP FREE OF THE HANDLE AND TRIPPING SHALL BE INDICATED BY THE HANDLE ASSUMING A POSITION BETWEEN OFF AND ON. MULTI-POLE BREAKERS SHALL BE INTERNAL. COMMON TRIP WITH SINGLE OPERATING HANDLE; EXTERNAL HANDLE TIES ARE NOT ACCEPTABLE.
- I. PER BUILDING STANDARDS ALL MECHANICAL DEVICES SHALL BE CONNECTED EITHER VIA ELECTRICAL PANEL AND BREAKERS. TO AN ENERGY MONITORING SYSTEM AND BREAKERS SHALL VERIFY AND CONFIRM CONNECTIONS PRIOR TO INSTALLATION. PROVIDE ADDITIONAL E-MON-DMON DEVICES WHERE REQUIRED.
- J. MINIMUM BUS RATING SHALL BE 225 AMPS. PROVIDE COPPER GROUND BUS IN ALL PANELBOARDS. PROVIDE NEUTRAL BUS WITH TERMINALS FOR EACH CIRCUIT IN THE PANEL, INCLUDING FUTURE CIRCUITS.

262726 WIRING DEVICES:

- A. WIRING DEVICES, COMPONENTS AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY AND MARKED FOR INTENDED LOCATION AND APPLICATION. WIRING DEVICES SHALL BE AS MANUFACTURED BY COOPER, HUBBELL, LEVITON OR PASS & SEYMOUR.
- B. PROVIDE WHITE COLORED DEVICES FOR NORMAL POWER, UNLESS OTHERWISE NOTED. PROVIDE RED COLORED DEVICES FOR EMERGENCY POWER. PROVIDE BRUSHED STAINLESS STEEL COVER PLATES. COORDINATE WITH ARCHITECT FOR FINAL COLOR SELECTION OF DEVICES AND COVER PLATES.
- C. RECEPTACLES: SPECIFICATION GRADE 20A, 125V, 3W GROUNDED, MOUNTED 18" A.F.F. TO THE CENTERLINE UNLESS NOTED OTHERWISE. COLOR SHALL MATCH TOGGLE SWITCHES.
- D. TOGGLE SWITCHES: SPECIFICATION GRADE 20AMP, 120/277 VAC, HEAVY DUTY, QUIET TYPE: SINGLE POLE, TWO POLE, THREE WAY OR FOUR WAY AS REQUIRED FOR APPLICATION.
- E. OCCUPANCY SENSOR SWITCHES, 120/277 VAC, WALL MOUNTED SINGLE POLE-LEVITON OR EQUIVALENT.
- F. LED DIMMERS: PRESET TOGGLE CONTROL: LUTRON OR EQUIVALENT, COMPATIBLE WITH DIMMABLE DRIVER. SLIDE AND ROTARY DIMMERS ARE NOT ALLOWED FOR INSTALLATION.
- G. TIMER SWITCHES: PROVIDE WITH LCD DISPLAY AND SHALL BE PROGRAMMABLE UP TO 24 HOURS AND SHALL BE FIELD ADJUSTABLE.
- H. INSTALL DEVICE PLATES IN FULL CONTACT WITH WALL SURFACE OR SURFACE MOUNTED BOX. PLATES SHALL NOT PROJECT OUT FROM THE WALL OR FROM THE EDGE OF THE BOX.
- I. ALL DEVICE PLATES FOR RECEPTACLES AND SWITCHES SHALL BE LABELED TO SHOW PANEL DESIGNATION AND BRANCH CIRCUIT SERVING EACH RECEPTACLE.
- J. CONTRACTOR SHALL PROVIDE SUBMITTAL DOCUMENTS THAT SHOW SENSOR COVERAGE AND LOCATIONS OF ALL OCCUPANCY SENSORS BY THE SELECTED APPROVED MANUFACTURER PRIOR TO ORDERING ANY DEVICE.
- K. PROVIDE ALL POWER PACKS, RELAYS, ETC. REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO MANUFACTURER INSTRUCTIONS FOR DETAILS AND SUPPLIES.
- L. ALL DEVICES (FLOOR BOXES, RACKS, ETC.) SHALL BE APPROVED BY H.A.S. I.T. PERSONNEL PRIOR TO ORDERING. CONTRACTOR SHALL COORDINATE EXACT REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK.
- M. CONTRACTOR SHALL PROVIDE A MINIMUM OF ONE (1) SPARE DEVICES FOR EACH TYPE OCCUPANCY SENSORS AND TIME SWITCH SHOWN ON PLANS (CEILING AND WALL MOUNTED). SPARE DEVICES SHALL BE USED FOR FUTURE USE AND REPLACEMENTS.
- N. ALL DEVICES MANUFACTURER SHALL BE:
 - A. RECEPTACLES: LEGRAND, EATON, LEVITON
 - B. MOTOR SWITCHES: HUBBELL, LEVITON, SQUARE D
 - C. LIGHTING CONTROL DEVICES: COOPER/EATON, PHILIPS, LEGRAND
 - D. PROVIDE LEGRAND EVOLUTION 6 FOR ALL FLOOR BOXES SHOWN.
 - P. COORDINATE ALL FINISHES (WALL PLATES, COVERS, TRIMS, ETC.) WITH ARCHITECT PRIOR TO SUBMITTALS.

265100 INTERIOR LIGHTING:

- A. LUMINAIRES SHALL BE FURNISHED AS SHOWN IN THE LUMINAIRE SCHEDULE AND BE LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY AND MARKED FOR INTENDED LOCATION AND APPLICATION. IT SHALL SPECIFICALLY BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXACT TYPE OF CEILING AND RECESSING DEPTH OF ALL RECESSED FIXTURES AND TO FURNISH THE MOUNTING TRIMS AND ACCESSORIES OF THE SPECIFIED AND / OR APPROVED FIXTURES FOR THE CEILING TO BE INSTALLED. FIXTURES SHALL BE SUPPORTED FROM BUILDING STRUCTURE, INDEPENDENTLY OF CEILING SYSTEMS.
- B. ALL LUMINAIRES SHALL BE INSTALLED WITH TWO(2) #14 GAUGE WIRES ATTACHED TO OPPOSITE CORNERS OF EACH FIXTURE FROM STRUCTURE ABOVE.
- C. LED LUMINAIRES SHALL BE UL 8750 LISTED AND TESTED IN ACCORDANCE WITH LM-79 AND LM-80 STANDARDS. THE LED LUMINAIRE SHALL HAVE A LUMINOUS EFFICACY OF AT LEAST 90 LUMENS/W. A COLOR TEMPERATURE OF 3500K, A CRI OF AT LEAST 80, AN ESTIMATED LIFE OF AT LEAST 50,000 HOURS (DIM BASE LAMPS) AND 50,000 HOURS (BOARD TYPE) AT L70 LUMEN MAINTENANCE AND SHALL INCLUDE A MINIMUM 5-YEAR WARRANTY ON THE ENTIRE LUMINAIRE INCLUDING THE DRIVER.
- D. ALL LED DOWNLIGHTS SHALL BE FULLY ACCESSIBLE FROM BELOW AND PROVIDED WITH SHALLOW HOUSINGS WITH WIDE DISTRIBUTION OPTICS.
- E. ALL DOWNLIGHTS AND FIXTURES SHALL BE PROVIDED WITH DIMMABLE DRIVERS AND LENS UNLESS NOTED OTHERWISE.
- F. ALL LED FIXTURES SHALL MEET OR EXCEED THE LISTED LUMENS LEVELS STATED ON THE FIXTURE SCHEDULE.
- G. CONTRACTOR SHALL SUBMIT EQUALS FOR APPROVAL PRIOR TO SUBMISSION FOR BID.
- H. ALL LED DOWNLIGHTS SHALL BE PROVIDED WITH DIMMABLE DRIVERS AND LENS UNLESS NOTED OTHERWISE.
- I. ALL LIGHT FIXTURES SHALL BE IN ACCORDANCE WITH THE APPROVED BUILDING STANDARDS LIGHTING MANUFACTURES AND FIXTURE TYPES.
- J. LIGHTING PHOTOMETRIC CALCULATIONS SHALL BE SUBMITTED FOR PRIOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

SUBMITTALS FOR REVIEW / APPROVAL:

- A. PROVIDE PRODUCT SPECIFIC CUT SHEETS FOR APPROVAL OF ALL POWER, LIGHTING, AND ALL ASSOCIATED DEVICES/SYSTEMS (PANELS, WIRING DEVICES, LIGHT FIXTURES, LIGHTING CONTROLS, CONDUIT CONDUIT, ETC.).
- B. CONTRACTOR SHALL PERFORM TEST OF ALL EXISTING ELECTRICAL DISTRIBUTION DEVICES CURRENTLY SERVING THE PROPOSED WORK SPACE PRIOR TO COMMENCEMENT OF WORK. TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER DETAILING THE AMPERAGE LOADS, HEAT RATINGS AND FUNCTIONALITY TESTS.
- C. LIGHTING CONTROL SUBMITTALS SHALL REFLECT THE FOLLOWING ITEMS, OCCUPANCY SENSOR COVERAGE AREA, WALL AND CEILING MOUNTED SENSOR LOCATIONS, AND DEVICE QUANTITIES.

BINDING EDGE 30 X 42

FILE NAME: E:\HOUA\CONSTRUCTION\ DATE STAMP: 06/28/2020 09:10

CLIENT



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Texas Firm #: 14583
Project No.: 02.18026

REPRESENTATIVE

DEPARTMENT OF
AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OR DESIGN
REPRESENTATIVE

DATE:

DATE:

HAS TIP # 2575 -IAH

PROJECT NAME

**HOUSTON
AIRPORT SYSTEM
TERMINAL A SIGNAGE
& WAYFINDING**

REGISTRATION

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06/28/2020

PROJECT LOCATION

**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	06/28/2020

PROJECT NUMBER

1003770

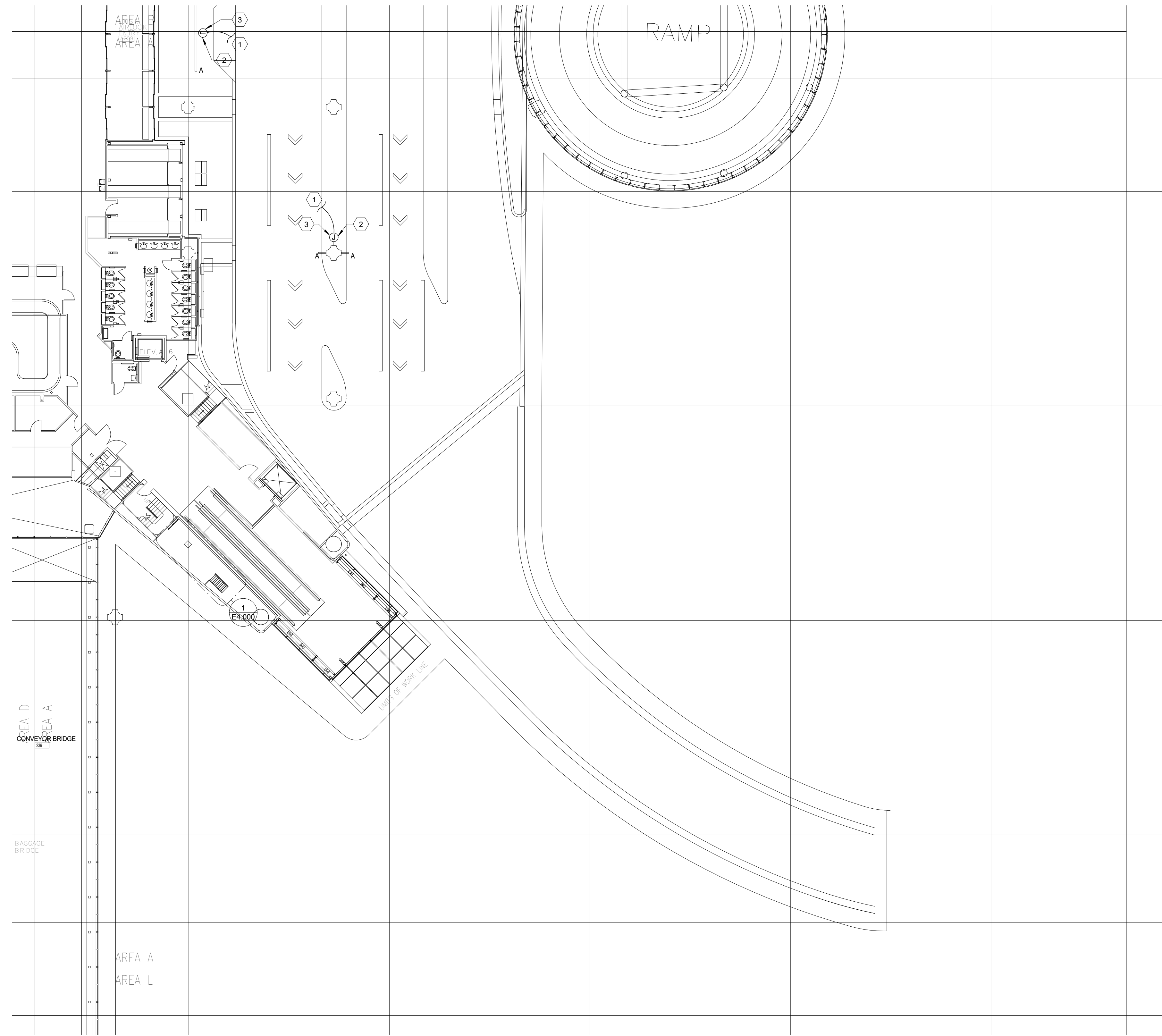
SHEET TITLE

ELECTRICAL
SPECIFICATIONS

SHEET NUMBER

E1.000

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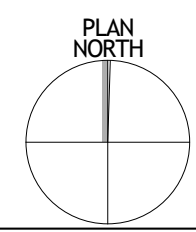
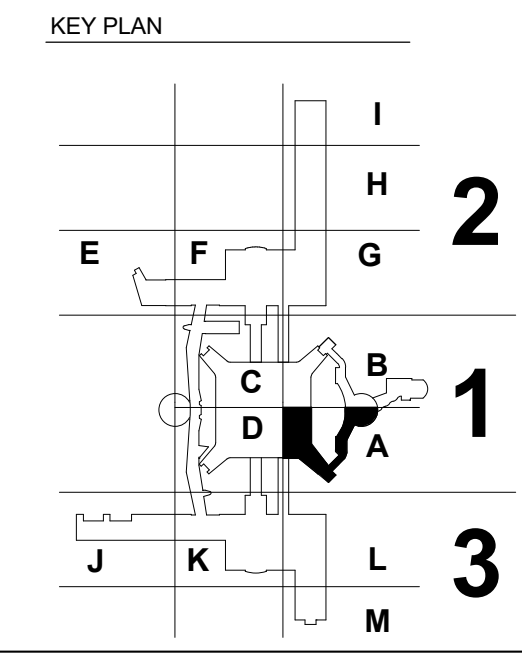
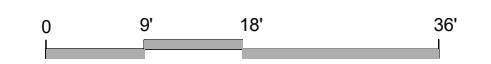


GENERAL NOTES

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- B. CONTRACTOR SHALL PROVIDE ALL MOUNTING EQUIPMENT AND ACCESSORIES REQUIRED FOR PROPER MOUNTING OF LED SIGNAGE AND CONDUITS.
- C. CONTRACTOR IS TO VERIFY THAT EXISTING BRANCH CIRCUIT CAN SUPPORT THE THE ADDED LOAD TO THE CIRCUIT PRIOR TO INTERCEPTING THE EXISTING CIRCUIT. CONTRACTOR IS TO USE BRANCH CIRCUITS LABELED EXISTING COFFER LIGHTS.
- D. CONTRACTOR IS TO REFER TO ARCHITECTURAL DRAWINGS FOR EXACT QUANTITY, LOCATIONS AND MOUNTING HEIGHTS OF LED WAYFINDING SIGNAGE.
- E. CONTRACTOR SHALL PROVIDE ALL DEVICES, POWER SUPPLIES, ACCESSORIES, ETC. NEEDED FOR A FULLY FUNCTIONING WAYFINDING SIGNAGE SYSTEM.

KEYNOTES

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| 2 | ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH EXISTING CEILING AND COLUMN FINISH. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR EXACT COLOR AND FINISH PER LOCATION. |
| 3 | ROUTE CONDUIT AND CONDUCTORS DOWN TO WAYFINDING SIGNAGE FROM J-BOX. |



FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA A | N.T.S ①

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Texas Firm: F-14583
Project No.: 02.18026
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:
HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
DATE: _____
HAS TIP # 2575 - IAH

PROJECT NAME
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REGISTRATION
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PROJECT LOCATION
**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

DRAWING HISTORY

NO.	DESCRIPTION	DATE
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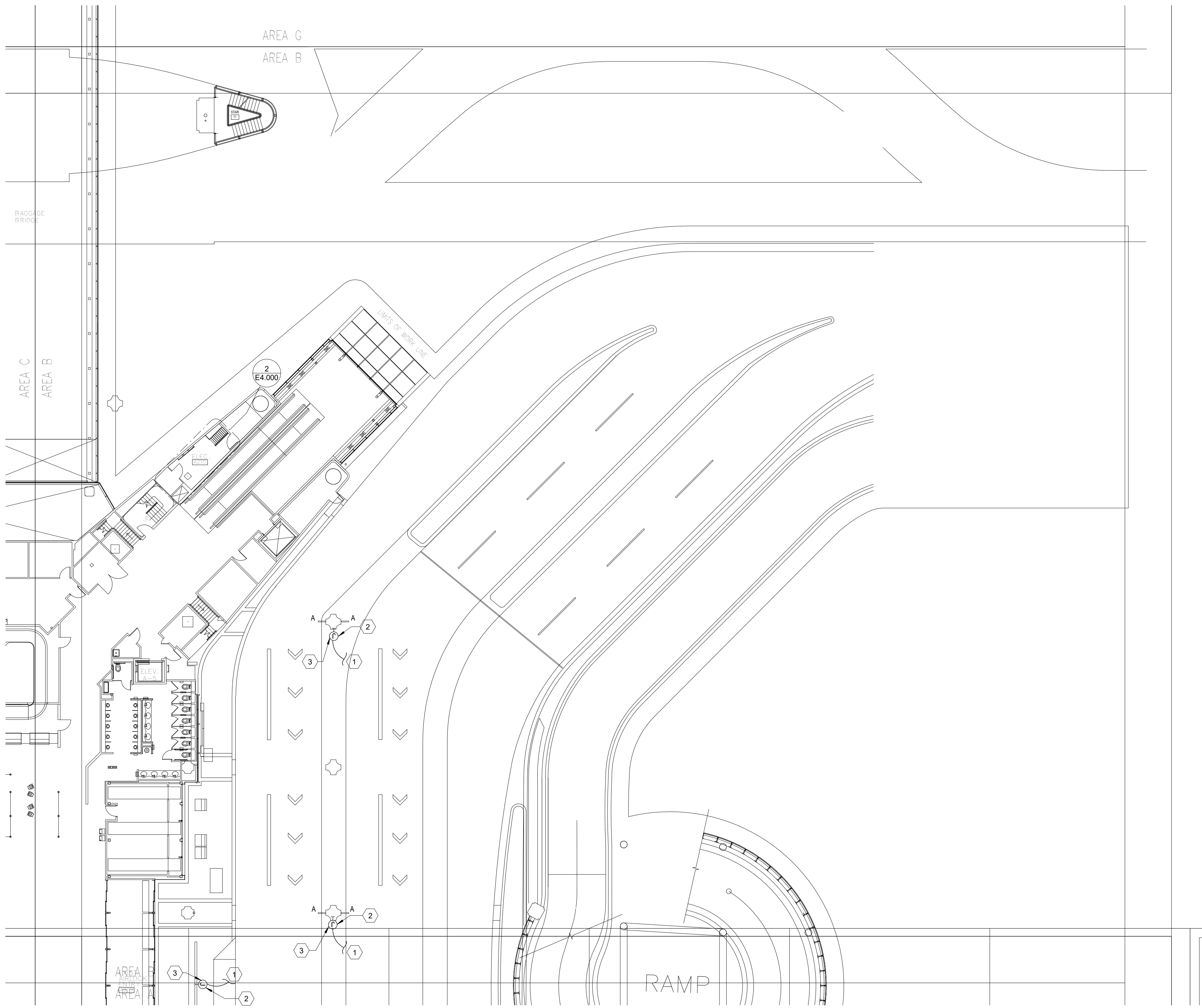
PROJECT NUMBER
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SHEET TITLE

FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA A

SHEET NUMBER
E2.201A

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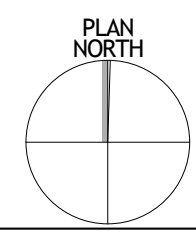
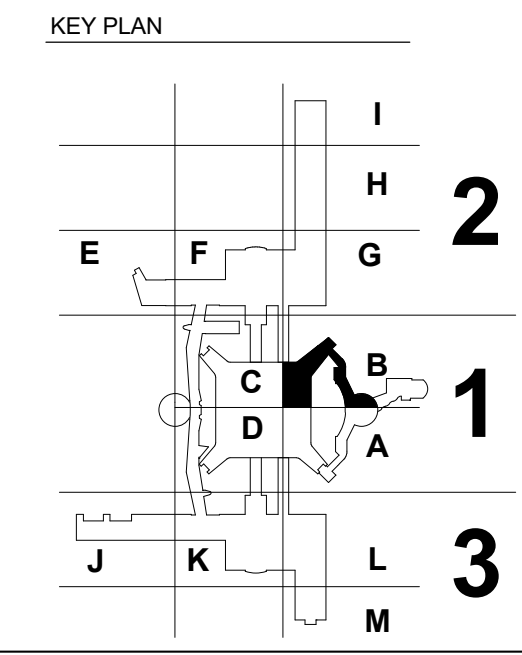
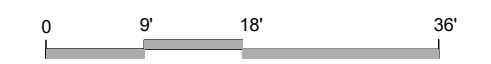


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FLOOR PLAN - LEVEL TICKETING - AREA B | N.T.S ①

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CLIENT

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Texas Firm: F-14583
Project No.: 02.18026
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:

HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE

HAS TIP # 2575 -IAH

PROJECT NAME

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PROJECT LOCATION

**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

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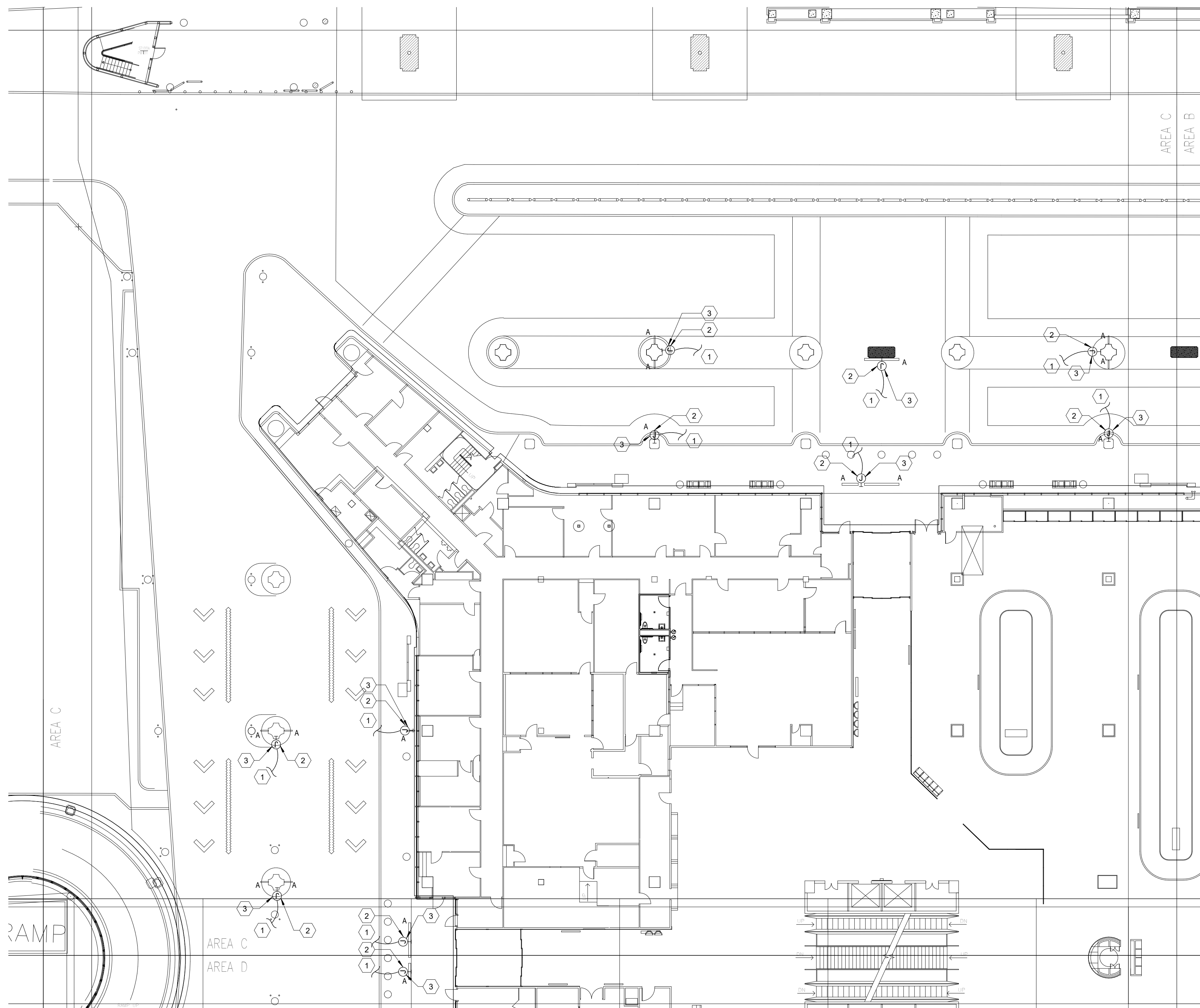
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FLOOR PLAN - LEVEL TICKETING SECTOR 01 - AREA B

SHEET NUMBER

E2.201B

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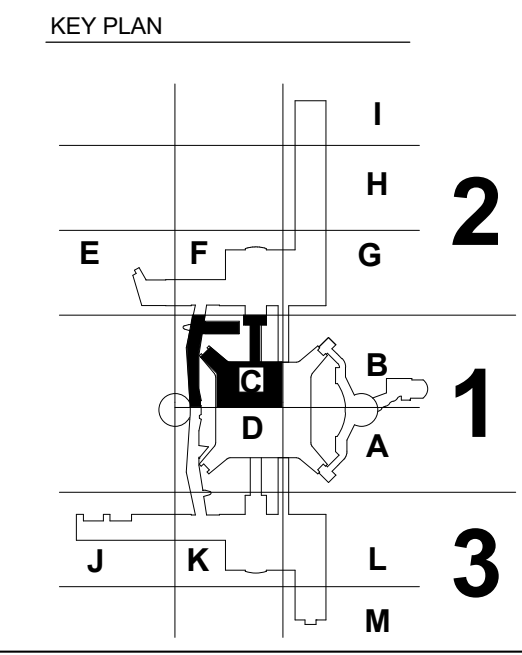
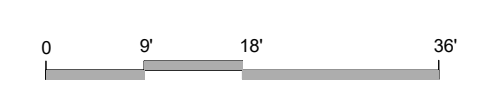


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KEYNOTES

NUMBER	NOTES
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FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA C N.T.S. ①

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Project No.: 02.18026
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HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
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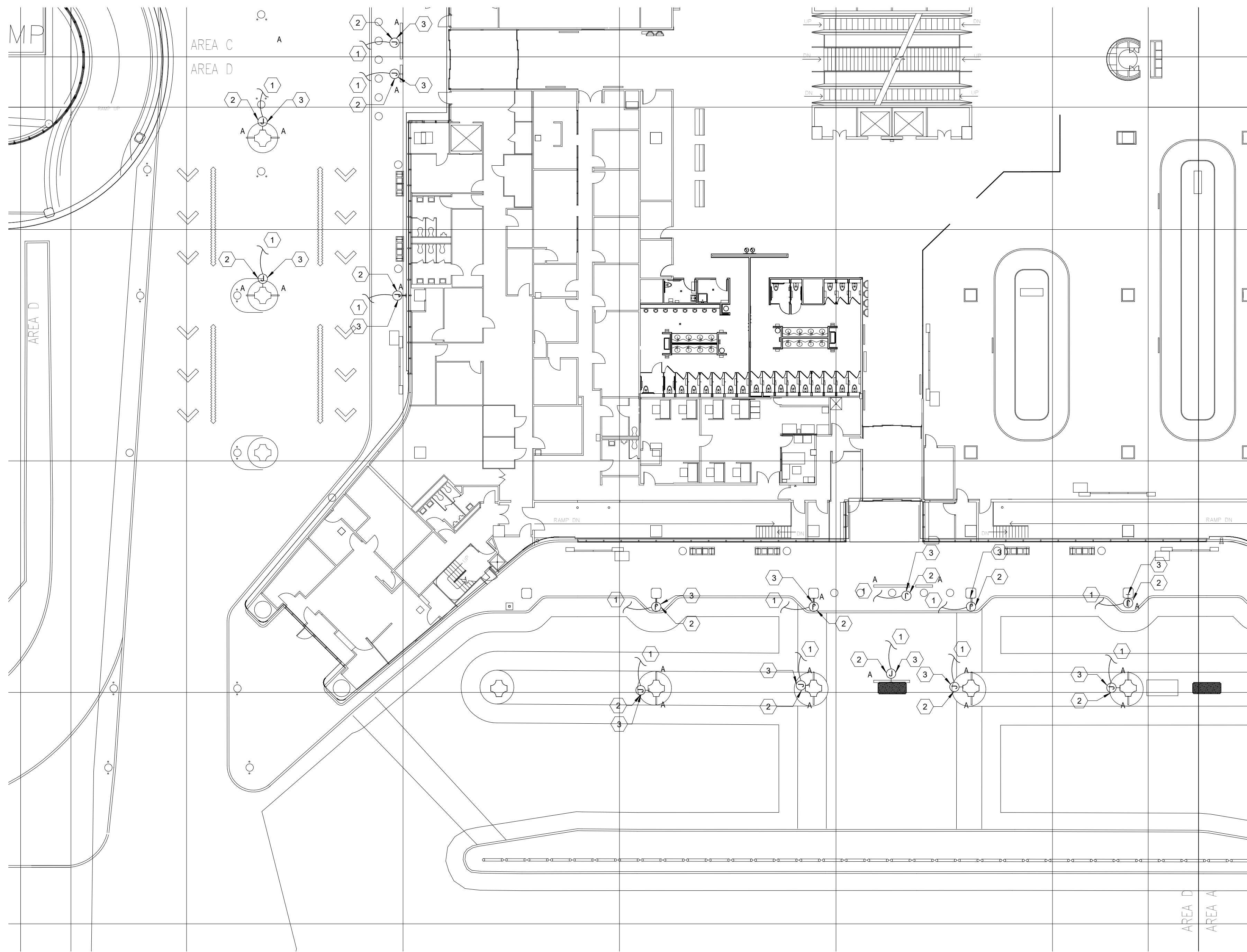
PROJECT NUMBER
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SHEET TITLE

FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA C

SHEET NUMBER
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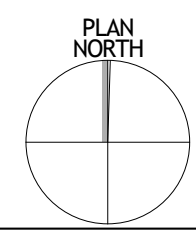
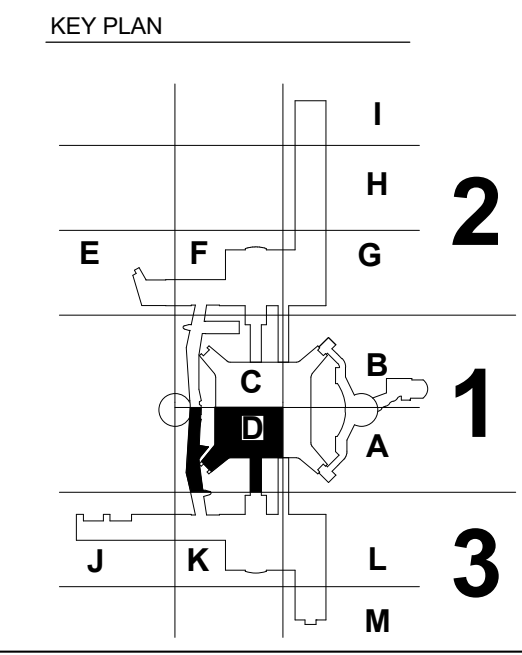
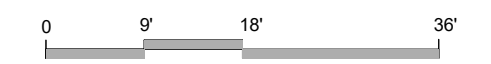


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KEYNOTES

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3 ROUTE CONDUIT AND CONDUCTORS DOWN TO WAYFINDING SIGNAGE FROM J-BOX.



FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA D | N.T.S 1

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Texas Firm: F-14583
Project No.: 02.18026
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE HAS TIP # 2575 -IAH

PROJECT NAME: HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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PROJECT LOCATION: IAH TERMINAL A, 2800 N. TERMINAL RD, HOUSTON TX, 77032

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PROJECT NUMBER: 1003770

SHEET TITLE

FLOOR PLAN - LEVEL BAGGAGE SECTOR 01 - AREA D

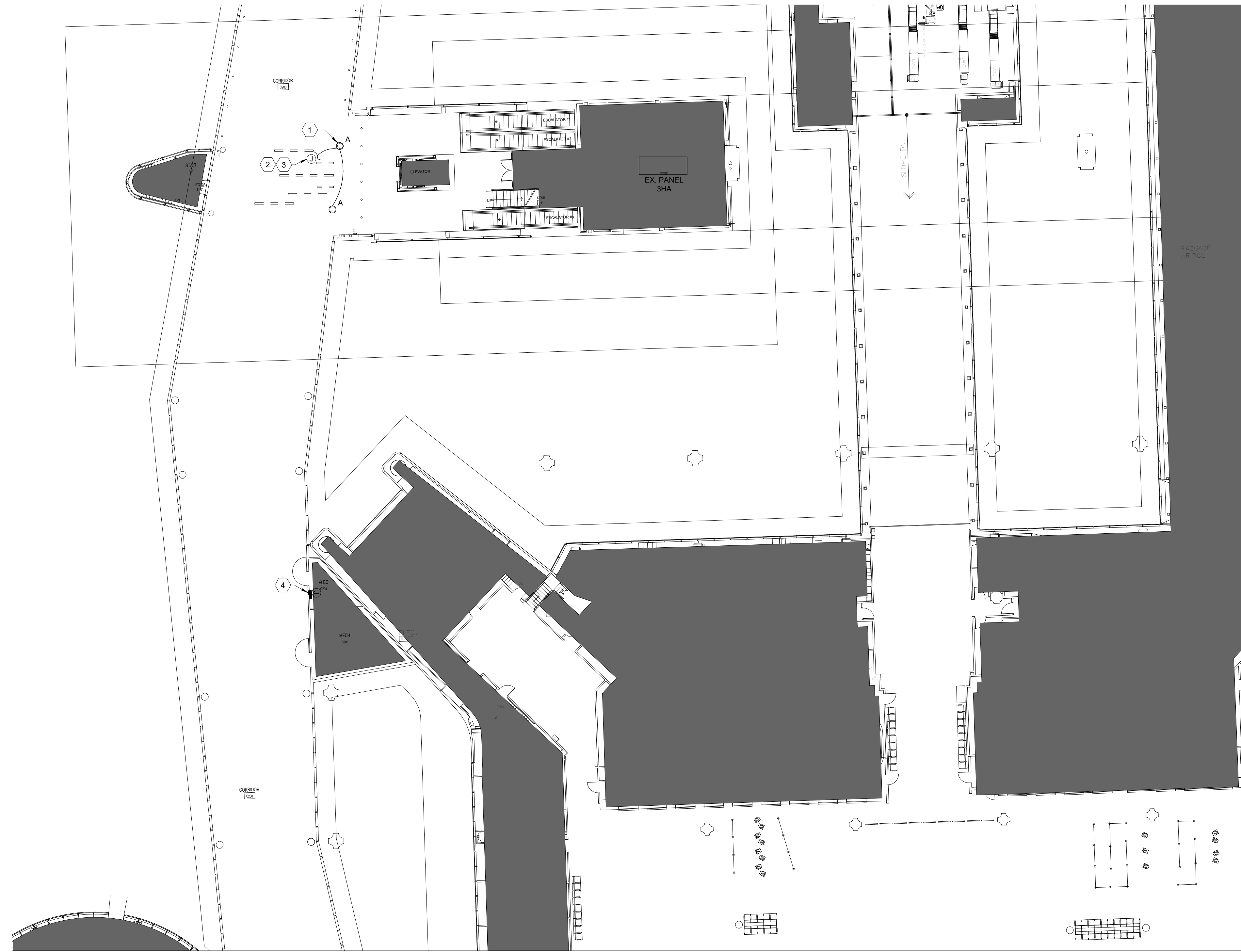
SHEET NUMBER

E2.201D

FILE NAME: F:\BIDDING\CONSULTING\...
DATE STAMP: 06/23/2020 14:08:59

LUMINAIRE SCHEDULE					
IMAGE	TYPE	DESCRIPTION	MANUFACTURER	LAMP TYPE	Comments
	A	BACKLIT LED WAYFINDING SIGN	LS-PRO115-ASW-2G LUMA FILM	LED	SURFACE

- ### LUMINAIRE SCHEDULE NOTES
1. FINAL FIXTURE COLORS, FINISHES, AND MOUNTING HEIGHTS SHALL BE SELECTED AND APPROVED BY OWNER/ARCHITECT
 2. ALL LED LAMPS SHALL BE 4000 KELVIN COLOR TEMPERATURE, WITH 277V DIMMABLE DRIVERS (UNLESS NOTED OTHERWISE).
 3. CONTRACTOR SHALL COORDINATE WITH LIGHTING REP ONCE PROJECT HAS BEEN AWARDED TO REDUCE LONG LEAD TIMES.
 4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE LOW VOLTAGE WIRING FOR THE 0-10V DIMMING.
 5. PROVIDE ALL MOUNTING EQUIPMENT AND ACCESSORIES REQUIRED FOR PROPER INSTALLATION.
 6. CONTRACTOR SHALL BE PROVIDED AN ADDITIONAL \$2,500 ALLOWANCE THAT SHALL BE USED FOR ANY LIGHTING MODIFICATIONS AND OR REVISIONS. ALLOWANCE SHALL BE USED FOR LIGHTING AND CONTROLS.
 7. CONTRACTOR SHALL COORDINATE WITH ARCHITECT TO ENSURE EXACT LIGHTING MODULE TYPE AND QUANTITY.

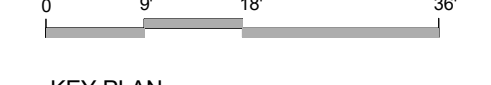


GENERAL NOTES - LIGHTING

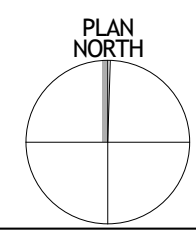
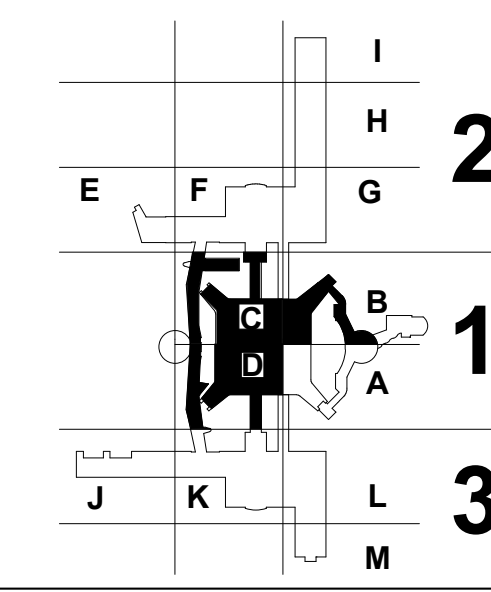
- ELECTRICAL CONTRACTOR SHALL REFER TO THE ELECTRICAL SPECIFICATIONS FOR ADDITIONAL DESIGN STANDARDS. THE ELECTRICAL SPECIFICATIONS ARE A BINDING PART OF THE CONSTRUCTION DOCUMENTS.
- CONTRACTOR SHALL PROVIDE ALL MOUNTING EQUIPMENT AND ACCESSORIES REQUIRED FOR PROPER MOUNTING OF LED SIGNAGE AND CONDUITS.
- CONTRACTOR IS TO VERIFY THAT EXISTING BRANCH CIRCUIT CAN SUPPORT THE THE ADDED LOAD TO THE CIRCUIT PRIOR TO INTERCEPTING THE EXISTING CIRCUIT. CONTRACTOR IS TO USE BRANCH CIRCUITS LABELED EXISTING COFFER LIGHTS.
- CONTRACTOR IS TO REFER TO ARCHITECTURAL DRAWINGS FOR EXACT QUANTITY, LOCATIONS AND MOUNTING HEIGHTS OF LED WAYFINDING SIGNAGE.
- CONTRACTOR SHALL PROVIDE ALL DEVICES, POWER SUPPLIES, ACCESSORIES, ETC. NEEDED FOR A FULLY FUNCTIONING WAYFINDING SIGNAGE SYSTEM.
- ANY CONDUIT PASSING OVER EXPANSION JOINT SHALL USE UL LISTED EXPANSION FITTINGS. (THE USE OF SEALTITE FOR EXPANSION JOINTS SHALL BE PROHIBITED.) THERE SHALL BE COMPRESSION FITTINGS USED FOR EMT. PROPER STRAPPING PER NEC.
- ALL CONDUIT FOR INTERIOR SPACES SHALL BE CONCEALED.
- CONTRACTOR SHALL SCHEDULE PRE-CONSTRUCTION MEETING WITH OWNER TO COORDINATE PROPOSED WORK SCHEDULES AND REVIEW RGB COLOR OPTION FOR LED COLUMN WRAP. PRICING FOR RGB OPTION SHALL BE INCLUDED IN THE BID CONTRACT AS AN ADD ALTERNATED IF SELECTED BY OWNER.
- LIGHTING SYSTEM HAS BEEN DESIGNED FOR 277V POWER. PROVIDE ALL POWER PACKS, CONTROLLERS, DRIVERS, ETC. WITH 277V OPERATION. IF 277V IS NOT AVAILABLE PROVIDE 120V DEVICES WITH ASSOCIATED ACCESSORIES. PROVIDE AND INSTALL ALL NEW CONDUITS, CONDUCTORS, CONTROL WIRING, BREAKERS, TO THE NEAREST 120/208V PANEL.
- PROVIDE CLASS 2 MODULE FOR LED WRAP. MIN. 60W MODULE SHALL BE UTILIZED
- CONTRACTOR SHALL PAINT ALL EXPOSED CONDUIT TO MATCH THE COLUMN AND CEILING FINISH. REFER TO ARCHITECTURAL PLANS FOR EXACT COLOR FINISH PER LOCATION.
- PROVIDE LOW-PROFILE WIREMOLD RACEWAYS FOR ALL EXPOSED CONDUIT.
- PATCH, CAULK, AND PAINT ALL PENETRATIONS PERFORMED DURING INSTALLATION. REPLACE ANY DAMAGED PORTION OF THE CEILING PANEL TO MATCH THE EXISTING MATERIAL CURRENTLY INSTALLED.

KEYNOTES

- | NUMBER | NOTES |
|--------|---|
| 1 | PROVIDE AND INSTALL LED WRAP AND FILM. INSTALL POWER SUPPLY AND ASSOCIATED DEVICES ABOVE ACCESSIBLE CEILING IN CONCOURSE CORRIDOR. |
| 2 | ALL CONDUIT SHOWN SHALL BE CONCEALED IN PLENUM SPACE ABOVE CEILING. ONLY ONE CONDUIT, ROUTED UP AND OVER TO THE CEILING OF CORRIDOR SHALL BE EXPOSED. |
| 3 | INTERCEPT EXISTING CORRIDOR CIRCUIT 3HA - 7.9 AT NEAREST JUNCTION BOX. EXTEND EXISTING CIRCUIT TO SERVE NEW LED WRAP AT COLUMNS. CONCEAL CONDUIT AS TO ONLY SHOW ELBOWS INTO CEILING OF CORRIDOR. PROVIDE MATCHING RACEWAYS TO ROUTE CONDUIT FOR LED WRAP. |
| 4 | WHERE RGB OPTION IS SELECTED BY OWNER CONTRACTOR SHALL PROVIDE SURFACE MOUNTED JUNCTION BOX (MINIMUM 6"x6") WITH ACCESS PANEL COVER FOR RGB CONTROLLER AND WALL SWITCH FOR ON/OFF FUNCTION. FIELD VERIFY EXACT LOCATION FOR PROPER INSTALLATION PRIOR TO COMMENCEMENT OF WORK. PANEL COVER SHALL MATCH FINISH OF EXISTING WALL. |



KEY PLAN



FLOOR PLAN - LEVEL TICKETING - AREA C - LIGHTING | N.T.S. ①

BINDING EDGE 30 X 42

FILE NAME: P:\PROJECTS\CONSTRUCTION\1003770\1003770.dwg
DATE STAMP: 08/28/2020 14:08:00

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Texas Firm: F-14583
Project No. 02.18026
HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:
HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
DATE: _____
HAS TIP # 2575 - IAH

PROJECT NAME
HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING
REGISTRATION
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PROJECT LOCATION
**IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032**

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	08/28/2020

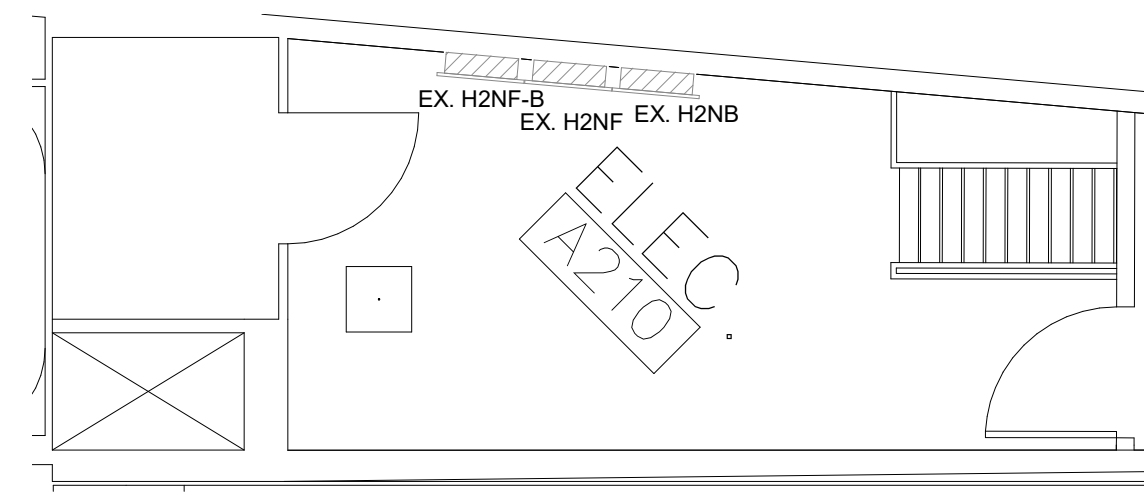
PROJECT NUMBER
1003770

SHEET TITLE

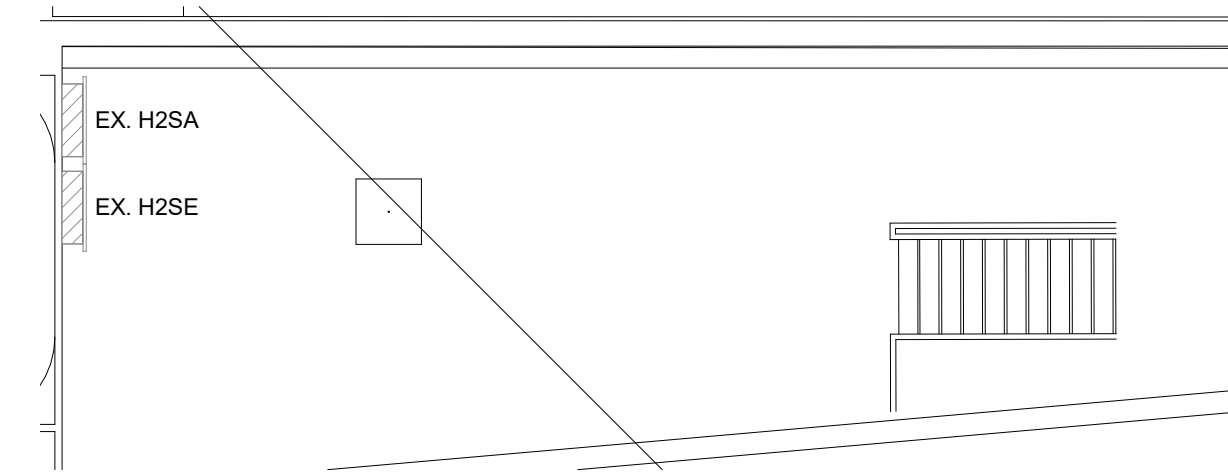
**FLOOR PLAN - LEVEL02
SKYWAY**

SHEET NUMBER
E3.201C

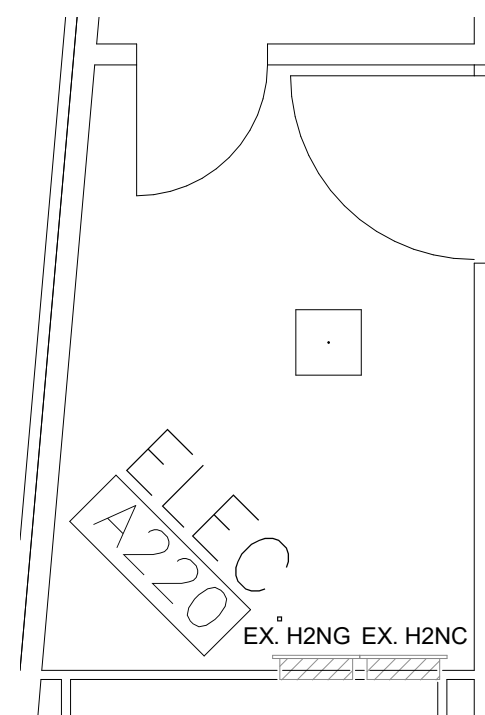
BINDING EDGE 30 X 42



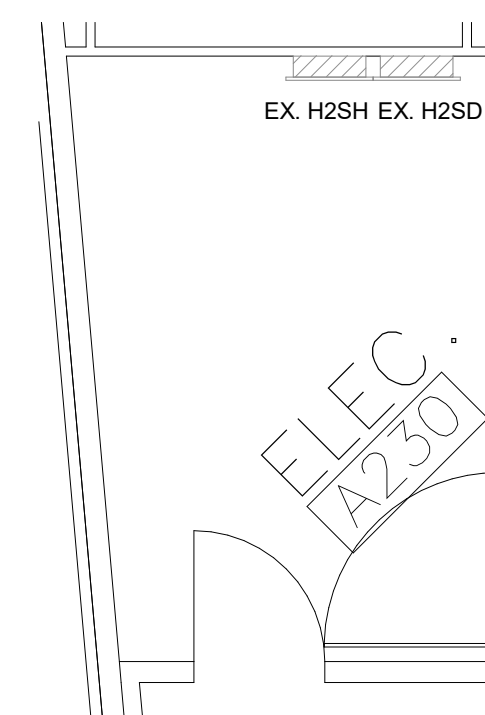
② FLOOR PLAN - LEVEL TICKETING - AREA B - ELECTRICAL ROOM
1/4" = 1'-0"



① FLOOR PLAN - LEVEL TICKETING - AREA A - ELECTRICAL ROOM
1/4" = 1'-0"



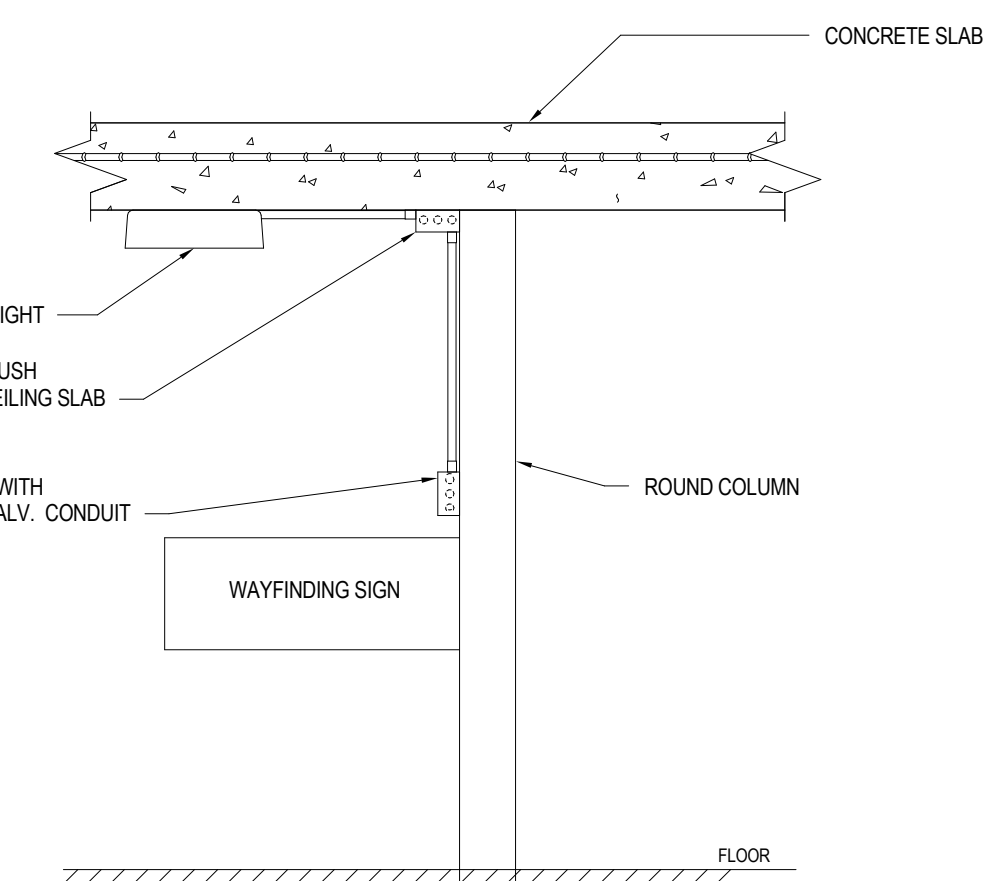
④ FLOOR PLAN - LEVEL TICKETING - AREA C - ELECTRICAL ROOM
1/4" = 1'-0"



③ FLOOR PLAN - LEVEL TICKETING - AREA D - ELECTRICAL ROOM
1/4" = 1'-0"



TYPICAL WAYFINDING AREA TERMINAL 'A'



NOTE:
CONDUIT LENGTH TO BE DETERMINED BASED ON CEILING DROP, SIGNAGE MOUNTING HEIGHTS NOTED ON THE ARCHITECTURAL DRAWINGS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WAYFINDING SIGNS.

B

TYPICAL WAYFINDING SIGN INSTALLATION DETAIL

A

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Project No.: 02.18026
HAS
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DEPARTMENT OF
AVIATION
RECOMMENDED:
HOUSTON AIRPORT SYSTEM
DIRECTOR OR DESIGN
REPRESENTATIVE
DATE:
HAS TIP # 2575 - IAH

PROJECT NAME
HOUSTON
AIRPORT SYSTEM
TERMINAL A SIGNAGE
& WAYFINDING

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PROJECT LOCATION
IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	08/28/2020

PROJECT NUMBER
1003770

SHEET TITLE

ENLARGED PLANS -
ELECTRICAL

SHEET NUMBER

E4.000

FILE NAME: P:\2020\CONSULTING\...
DATE STAMP: 08/28/2020 14:58:39

LUMINAIRE SCHEDULE WAYFINDING

IMAGE	TYPE	DESCRIPTION	MODEL #	LAMP TYPE
	A	BACKLIT LED WAYFINDING SIGN	LS-PRO115-ASW-2G3	LED

LEGEND

	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN

FEEDER SCHEDULE (COPPER)

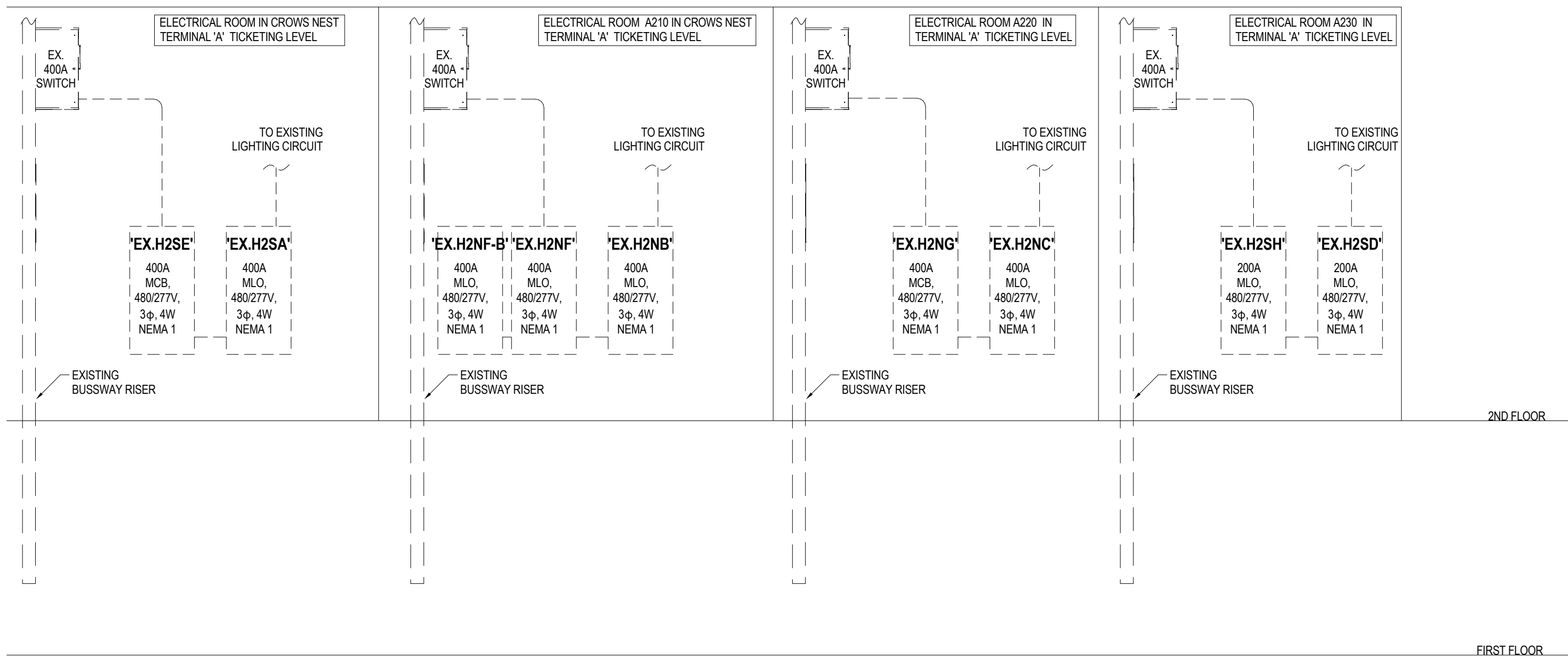
BASED ON NEG. TABLE 310-16 FOR TYPE THWN COPPER CONDUCTORS

FEEDER MARK	AMPERE RATING	FEEDER (3 PHASE, 4 WIRE WITH GROUND)	CONDUIT NO. SIZE
60A	60	4 #6 & 1 #10 EG	1"
80A	80	4 #4 & 1 #8 EG	1-1/4"
100A	100	4 #3 & 1 #8 EG	1-1/4"
175A	175	4 #20 & 1 #6 EG	2"
200A	200	4 #30 & 1 #6 EG	2"
300A	300	4 #350 KCMIL & 1 #4 EG	3"
400A	400	2 SETS OF 2 #30 & 1 #3 EG	(2) 2"

600 KCMIL AND LARGER CONDUCTORS SHALL BE PROVIDED WITH MAC ADAPTERS AS REQUIRED TO COORDINATE WITH STANDARD CIRCUIT BREAKER LUG SIZES.

GENERAL NOTES

- CONTRACTOR SHALL PERFORM AMPERAGE TEST FOR EXISTING LOADS ON CIRCUITS LABELED EXISTING COFFER LIGHTING AND RECORD THE RESULTS FOR REVIEW BY THE A/E PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL PROVIDE ALL CONDUIT, CONDUCTORS, ETC. FOR PROPER INSTALLATION OF LIGHTING DEVICE.
- WHERE EXISTING BREAKER(S) FOR CIRCUITS EXISTING COFFER LIGHTING IN EX. PANELS 'H2SD', 'H2SA', 'H2NB', 'H2NC' ARE OBSERVED TO NOT HAVE ENOUGH CAPACITY FOR THE PROPOSED LED BACKLIT WAYFINDING SYSTEMS, CONTRACTOR SHALL ROUTE 3#10S IN 3/4" CONDUIT ABOVE CEILING TO ELECTRICAL RM. TERMINATE IN EX. PANELS 'H2SD', 'H2SA', 'H2NB', 'H2NC' IN ELECTRICAL ROOMS. UTILIZE EXISTING 20A SPARE BREAKERS IN EX. PANELS FOR POWER.



ELECTRICAL POWER RISER DIAGRAM

NOT TO SCALE

ELECTRICAL LOAD ANALYSIS 'H2SA'

1. LIGHTING LOADS	15.5344 KVA X 1.25 DF	= 19.418KVA
2. RECP.T. LOADS	0.00 KVA, 1ST 10 KVA + 50% OF REMAINDER	= 0.00 KVA
3. KITCHEN LOADS	0.00 KVA X 0.65 DF	= 0.00 KVA
4. MISC. LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA
5. HVAC LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA

TOTAL DEMAND LOAD = 19.418 KVA
 TOTAL DEMAND LOAD@480V, 3PH = 23 A
 PROPOSED ADDITIONAL LOAD = 24 KVA
 NEW LOAD DOES NOT EXCEED THE TOTAL AMPACITY OF 400A SERVICE

ELECTRICAL LOAD ANALYSIS 'H2NB'

1. LIGHTING LOADS	15.1576 KVA X 1.25 DF	= 18.947KVA
2. RECP.T. LOADS	0.00 KVA, 1ST 10 KVA + 50% OF REMAINDER	= 0.00 KVA
3. KITCHEN LOADS	0.00 KVA X 0.65 DF	= 0.00 KVA
4. MISC. LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA
5. HVAC LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA

TOTAL DEMAND LOAD = 18.947 KVA
 TOTAL DEMAND LOAD@480V, 3PH = 23 A
 PROPOSED ADDITIONAL LOAD = 400 KVA
 NEW LOAD DOES NOT EXCEED THE TOTAL AMPACITY OF 400A SERVICE

ELECTRICAL LOAD ANALYSIS 'H2NC'

1. LIGHTING LOADS	13.34 KVA X 1.25 DF	= 16.675KVA
2. RECP.T. LOADS	0.00 KVA, 1ST 10 KVA + 50% OF REMAINDER	= 0.00 KVA
3. KITCHEN LOADS	0.00 KVA X 0.65 DF	= 0.00 KVA
4. MISC. LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA
5. HVAC LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA

TOTAL DEMAND LOAD = 16.675 KVA
 TOTAL DEMAND LOAD@480V, 3PH = 20 A
 PROPOSED ADDITIONAL LOAD = 720 KVA
 NEW LOAD DOES NOT EXCEED THE TOTAL AMPACITY OF 400A SERVICE

ELECTRICAL LOAD ANALYSIS 'H2SD'

1. LIGHTING LOADS	12.742 KVA X 1.25 DF	= 15.927 KVA
2. RECP.T. LOADS	0.00 KVA, 1ST 10 KVA + 50% OF REMAINDER	= 0.00 KVA
3. KITCHEN LOADS	0.00 KVA X 0.65 DF	= 0.00 KVA
4. MISC. LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA
5. HVAC LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA

TOTAL DEMAND LOAD = 15.927 KVA
 TOTAL DEMAND LOAD@480V, 3PH = 19 A
 PROPOSED ADDITIONAL LOAD = 360 KVA
 NEW LOAD DOES NOT EXCEED THE TOTAL AMPACITY OF 400A SERVICE

BINDING EDGE 30 X 42

FILE NAME: C:\PROJ\CONS\1003770\1003770.dwg
 DATE STAMP: 06/28/2020 14:08:59

CLIENT



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 Texas Firm: F-14583
 Project No.: 02.18026
 HAS

REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:	DATE:
HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE	
HAS TIP # 2575 - IAH	

PROJECT NAME
HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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PROJECT LOCATION
**IAH TERMINAL A
 2800 N. TERMINAL RD
 HOUSTON TX, 77032**

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	06/28/2020

PROJECT NUMBER
1003770

SHEET TITLE

ELECTRICAL RISER DIAGRAM

SHEET NUMBER
E5.000

BINDING EDGE 30 X 42

FILE NAME: IAH-Terminal C-Signage
DATE STAMP: 05/07/2020 10:46:39

Branch Panel: EX. H2SD														
Location:			Volts: 480/277 Wye				A.I.C. Rating: EXT.							
Supply From: EX. H2SH			Phases: 3				Mains Type: MLO							
Mounting: Surface			Wires: 4				Mains Rating: 400 A							
Enclosure: Type 1							MCB Rating: 400 A							
Notes:														
NOTES	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTES		
	1	1	SP. TO 2X2 PARKING LEVEL 3	15 A	3	388 VA	388 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	2	1	
	1	3	--	--		416 VA	416 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	4	1	
	1	5	--	--			334 VA	334 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	6	1	
	1	7	LOBBY LTS.	20 A	1	388 VA	388 VA		1	20 A	LOBBY LTS.	8	1	
	1	9	LOBBY LTS.	20 A	1		416 VA	416 VA	1	20 A	LOBBY LTS.	10	1	
	1	11	LOBBY LTS.	20 A	1			334 VA	334 VA	1	20 A	LOBBY LTS.	12	1
	1	13	LOBBY LTS.	20 A	1	388 VA	388 VA		1	20 A	LOBBY LTS.	14	1	
	1	15	LOBBY LTS.	20 A	1		416 VA	416 VA	1	20 A	LOBBY LTS.	16	1	
	1	17	LOBBY LTS.	20 A	1			334 VA	334 VA	1	20 A	LOBBY LTS.	18	1
	1	19	EXT. COFFER LTS. WEST	20 A	1	388 VA	388 VA		1	20 A	EXT. COFFER LTS. SOUTH	20	1	
	1	21	EXT. COFFER LTS. WEST	20 A	1		416 VA	416 VA	1	20 A	EXT. COFFER LTS. SOUTH	22	1	
	1	23	EXT. COFFER LTS. WEST	20 A	1			334 VA	334 VA	1	20 A	EXT. COFFER LTS. SOUTH	24	1
	1	25	EXT. COFFER LTS. WEST	20 A	1	388 VA	388 VA		1	20 A	EXT. COFFER LTS. SOUTH	26	1	
	1	27	EXT. COFFER LTS. WEST	20 A	1		416 VA	416 VA	1	20 A	EXT. COFFER LTS. SOUTH	28	1	
	1	29	EXT. COFFER LTS. WEST	20 A	1			334 VA	334 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	30	1
	1	31	EXT. COFFER LTS. WEST	20 A	1	388 VA	388 VA		1	20 A	EXT. COFFER LTS. SOUTH	32	1	
	1	33	EXT. COFFER LTS. WEST	20 A	1		416 VA	416 VA	1	20 A	EXT. COFFER LTS. SOUTH	34	1	
	1	35	EXT. COFFER LTS. WEST	20 A	1			334 VA	334 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	36	1
	1	37	EXT. COFFER LTS. WEST	20 A	1	388 VA	388 VA		1	20 A	EXT. COFFER LTS. SOUTH	38	1	
	1	39	UNKNOWN	20 A	1		416 VA	416 VA	1	20 A	EXT. COFFER LTS. SOUTH	40	1	
	1	41	UNKNOWN	20 A	1			334 VA	334 VA	1	20 A	EXT. COFFER LTS. SOUTH	42	1
			Total Load:		5429 VA		5817 VA		4681 VA					
			Total Amps:		20 A		21 A		17 A					
Legend:														
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Spare			15927 VA	100.00%	15927 VA	Total Conn. Load: 15927 VA Total Est. Demand: 15927 VA Total Conn.: 19 A Total Est. Demand: 19 A								
Notes:														
1. EXISTING BREAKERS TO REMAIN.														

Branch Panel: EX. H2SA														
Location:			Volts: 480/277 Wye				A.I.C. Rating: EXT.							
Supply From: EX. H2SE			Phases: 3				Mains Type: MLO							
Mounting: Surface			Wires: 4				Mains Rating: 400 A							
Enclosure: Type 1							MCB Rating: 400 A							
Notes:														
NOTES	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTES		
	1	1	SP. TO 2X2 PARKING LEVEL 3	20 A	1	465 VA	465 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	2	1	
	1	3	SP. TO 2X2 PARKING LEVEL 3	20 A	1		485 VA	485 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	4	1	
	1	5	SP. TO 2X2 PARKING LEVEL 3	20 A	1			437 VA	437 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	6	1
	1	7	LOBBY LTS.	20 A	1	465 VA	465 VA		1	20 A	LOBBY LTS.	8	1	
	1	9	LOBBY LTS.	20 A	1		485 VA	485 VA	1	20 A	LOBBY LTS.	10	1	
	1	11	LOBBY LTS.	20 A	1			437 VA	437 VA	1	20 A	LOBBY LTS.	12	1
	1	13	LOBBY LTS.	20 A	1	465 VA	465 VA		1	20 A	LOBBY LTS.	14	1	
	1	15	LOBBY LTS.	20 A	1		485 VA	485 VA	1	20 A	LOBBY LTS.	16	1	
	1	17	LOBBY LTS.	20 A	1			437 VA	437 VA	1	20 A	LOBBY LTS.	18	1
	1	19	EXT. COFFER LTS. EAST	20 A	1	465 VA	465 VA		1	20 A	EXT. COFFER LTS. SOUTH	20	1	
	1	21	EXT. COFFER LTS. EAST	20 A	1		485 VA	485 VA	1	20 A	EXT. COFFER LTS. SOUTH	22	1	
	1	23	EXT. COFFER LTS. EAST	20 A	1			437 VA	437 VA	1	20 A	EXT. COFFER LTS. SOUTH	24	1
	1	25	EXT. COFFER LTS. EAST	20 A	1	465 VA	465 VA		1	20 A	EXT. COFFER LTS. SOUTH	26	1	
	1	27	EXT. COFFER LTS. EAST	20 A	1		485 VA	485 VA	1	20 A	EXT. COFFER LTS. SOUTH	28	1	
	1	29	EXT. COFFER LTS. EAST	20 A	1			437 VA	437 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	30	1
	1	31	EXT. COFFER LTS. EAST	20 A	1	465 VA	465 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	32	1	
	1	33	EXT. COFFER LTS. EAST	20 A	1		485 VA	485 VA	1	20 A	EXT. COFFER LTS. SOUTH	34	1	
	1	35	EXT. COFFER LTS. EAST	20 A	1			437 VA	437 VA	1	20 A	EXT. COFFER LTS. SOUTH	36	1
	1	37	EXT. COFFER LTS. EAST	20 A	1	465 VA	465 VA		1	20 A	EXT. COFFER LTS. SOUTH	38	1	
	1	39	UNKNOWN	20 A	1		485 VA	485 VA	1	20 A	EXT. COFFER LTS. SOUTH	40	1	
	1	41	UNKNOWN	20 A	1			437 VA	437 VA	1	20 A	EXT. COFFER LTS. SOUTH	42	1
			Total Load:		6509 VA		6787 VA		6122 VA					
			Total Amps:		24 A		25 A		22 A					
Legend:														
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Spare			19418 VA	100.00%	19418 VA	Total Conn. Load: 19418 VA Total Est. Demand: 19418 VA Total Conn.: 23 A Total Est. Demand: 23 A								
Notes:														
1. EXISTING BREAKERS TO REMAIN.														

Branch Panel: EX. H2NB														
Location:			Volts: 480/277 Wye				A.I.C. Rating: EXT.							
Supply From: EX. H2NF			Phases: 3				Mains Type: MLO							
Mounting: Surface			Wires: 4				Mains Rating: 400 A							
Enclosure: Type 1							MCB Rating: 400 A							
Notes:														
NOTES	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTES		
	1	1	SP. TO 2X2 PARKING LEVEL 3	20 A	1	463 VA	463 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	2	1	
	1	3	SP. TO 2X2 PARKING LEVEL 3	20 A	1		473 VA	473 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	4	1	
	1	5	SP. TO 2X2 PARKING LEVEL 3	20 A	1			486 VA	486 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	6	1
	1	7	LOBBY LTS.	20 A	1	463 VA	463 VA		1	20 A	LOBBY LTS.	8	1	
	1	9	LOBBY LTS.	20 A	1		473 VA	473 VA	1	20 A	LOBBY LTS.	10	1	
	1	11	LOBBY LTS.	20 A	1			486 VA	486 VA	1	20 A	LOBBY LTS.	12	1
	1	13	LOBBY LTS.	20 A	1	463 VA	463 VA		1	20 A	LOBBY LTS.	14	1	
	1	15	LOBBY LTS.	20 A	1		473 VA	473 VA	1	20 A	LOBBY LTS.	16	1	
	1	17	LOBBY LTS.	20 A	1			486 VA	486 VA	1	20 A	LOBBY LTS.	18	1
	1	19	EXT. COFFER LTS. EAST	20 A	1	463 VA	463 VA		1	20 A	EXT. COFFER LTS. NORTH	20	1	
	1	21	EXT. COFFER LTS. EAST	20 A	1		473 VA	473 VA	1	20 A	EXT. COFFER LTS. NORTH	22	1	
	1	23	EXT. COFFER LTS. EAST	20 A	1			486 VA	486 VA	1	20 A	EXT. COFFER LTS. NORTH	24	1
	1	25	EXT. COFFER LTS. EAST	20 A	1	463 VA	463 VA		1	20 A	EXT. COFFER LTS. NORTH	26	1	
	1	27	EXT. COFFER LTS. EAST	20 A	1		473 VA	473 VA	1	20 A	EXT. COFFER LTS. NORTH	28	1	
	1	29	EXT. COFFER LTS. EAST	20 A	1			486 VA	486 VA	1	20 A	EXT. COFFER LTS. NORTH	30	1
	1	31	EXT. COFFER LTS. EAST	20 A	1	463 VA	463 VA		1	20 A	EXT. COFFER LTS. NORTH	32	1	
	1	33	EXT. COFFER LTS. EAST	20 A	1		473 VA	473 VA	1	20 A	EXT. COFFER LTS. NORTH	34	1	
	1	35	EXT. COFFER LTS. EAST	20 A	1			486 VA	486 VA	1	20 A	EXT. COFFER LTS. NORTH	36	1
	1	37	EXT. COFFER LTS. EAST	20 A	1	463 VA	463 VA		1	20 A	EXT. COFFER LTS. NORTH	38	1	
	1	39	SPARE	20 A	1		0 VA	473 VA		1	20 A	EXT. COFFER LTS. NORTH	40	1
	1	41	SPARE	20 A	1			0 VA	486 VA	1	20 A	EXT. COFFER LTS. NORTH	42	1
			Total Load:		6482 VA		6149 VA		6315 VA					
			Total Amps:		23 A		22 A		23 A					
Legend:														
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals								
Spare			18947 VA	100.00%	18947 VA	Total Conn. Load: 18947 VA Total Est. Demand: 18947 VA Total Conn.: 23 A Total Est. Demand: 23 A								
Notes:														
1. EXISTING BREAKERS TO REMAIN.														

Branch Panel: EX. H2NC														
Location:			Volts: 480/277 Wye				A.I.C. Rating: EXT.							
Supply From: EX. H2NG			Phases: 3				Mains Type: MLO							
Mounting: Surface			Wires: 4				Mains Rating: 400 A							
Enclosure: Type 1							MCB Rating: 400 A							
Notes:														
NOTES	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTES		
	1	1	SP. TO 2X2 PARKING LEVEL 3	20 A	1	396 VA	396 VA		1	20 A	SP. TO 2X2 PARKING LEVEL 3	2	1	
	1	3	SP. TO 2X2 PARKING LEVEL 3	20 A	1		374 VA	374 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	4	1	
	1	5	SP. TO 2X2 PARKING LEVEL 3	20 A	1			421 VA	421 VA	1	20 A	SP. TO 2X2 PARKING LEVEL 3	6	1
	1	7	LOBBY LTS.	20 A	1	396 VA	396 VA		1	20 A	LOBBY LTS.	8	1	
	1	9	LOBBY LTS.	20 A	1		374 VA	374 VA	1	20 A	LOBBY LTS.	10	1	
	1	11	LOBBY LTS.	20 A	1			421 VA	421 VA	1	20 A	LOBBY LTS.	12	1
	1	13	LOBBY LTS.	20 A	1	396 VA	396 VA		1	20 A	LOBBY LTS.	14	1	
	1	15	LOBBY LTS.	20 A	1		374 VA	374 VA	1	20 A	LOBBY LTS.	16	1	
	1	17	LOBBY LTS.	20 A	1			421 VA	421 VA	1	20 A	LOBBY LTS.	18	1
	1	19	EXT. COFFER LTS. WEST											

BINDING EDGE 30 X 42

Branch Panel: EX. H2SH

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 480/277 Wye Phases: 3 Wires: 4

A.I.C. Rating: EXT. Mains Type: MLO Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with columns: NOTES, CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT, NOTES. Includes a legend and load classification table.

Load Classification table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals.

Notes: 1. EXISTING BREAKERS TO REMAIN. 2. BREAKERS ARE ONLY SHOWN AS FEED THRU FOR SUB PANEL.

Branch Panel: EX. H2NG

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 480/277 Wye Phases: 3 Wires: 4

A.I.C. Rating: EXT. Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with columns: NOTES, CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT, NOTES. Includes a legend and load classification table.

Load Classification table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals.

Notes: 1. EXISTING BREAKERS TO REMAIN. 2. BREAKERS ARE ONLY SHOWN AS FEED THRU FOR SUB PANEL.

Branch Panel: EX. H2SE

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 480/277 Wye Phases: 3 Wires: 4

A.I.C. Rating: EXT. Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with columns: NOTES, CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT, NOTES. Includes a legend and load classification table.

Load Classification table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals.

Notes: 1. EXISTING BREAKERS TO REMAIN. 2. BREAKERS ARE ONLY SHOWN AS FEED THRU FOR SUB PANEL.

Branch Panel: EX. H2NF

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 480/277 Wye Phases: 3 Wires: 4

A.I.C. Rating: EXT. Mains Type: MLO Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with columns: NOTES, CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT, NOTES. Includes a legend and load classification table.

Load Classification table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals.

Notes: 1. EXISTING BREAKERS TO REMAIN. 2. BREAKERS ARE ONLY SHOWN AS FEED THRU FOR SUB PANEL.

CLIENT



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ARCHITECT



3131 BRIARPARK DRIVE SUITE 200 HOUSTON, TX 77042

VOLT AIR CONSULTING ENGINEERS

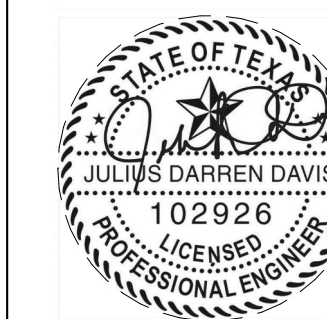
5353 West Alabama Suite 400 Houston, TX, 77056 Phone: 832.371.6181

REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED: HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE HAS TIP # 2575 - IAH

PROJECT NAME HOUSTON AIRPORT SYSTEM TERMINAL A SIGNAGE & WAYFINDING

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PROJECT LOCATION IAH TERMINAL A 2800 N. TERMINAL RD HOUSTON TX, 77032

DRAWING HISTORY table with columns: No., Description, Date

PROJECT NUMBER 1003770

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E6.001

FILE NAME: E:\2020\CONSULTING\... DATE STAMP: 06/28/2020 10:48:59

CLIENT



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Texas Firm: F-14583
Project No.: 02.18026

HAS REPRESENTATIVE

DEPARTMENT OF AVIATION RECOMMENDED:
HOUSTON AIRPORT SYSTEM DIRECTOR OR DESIGN REPRESENTATIVE
DATE: _____
HAS TIP # 2575 - IAH

PROJECT NAME
HOUSTON AIRPORT SYSTEM
TERMINAL A SIGNAGE & WAYFINDING

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PROJECT LOCATION
IAH TERMINAL A
2800 N. TERMINAL RD
HOUSTON TX, 77032

DRAWING HISTORY

NO.	DESCRIPTION	DATE
01	100% ISSUE FOR PRICING & PERMIT	06/28/2020

PROJECT NUMBER
1003770

SHEET TITLE

ELECTRICAL PANEL SCHEDULES AND RISER DIAGRAMS

SHEET NUMBER
E6.002

FEEDER SCHEDULE (COPPER)
BASED ON NEC TABLE 310.16 FOR TYPE THHN COPPER CONDUCTORS

FEEDER MARK	AMPERE RATING	FEEDER (3 PHASE, 4 WIRE WITH GROUND)	CONDUIT NO. - SIZE
60A	60	4 #6 & 1 #10 EG	1"
80A	80	4 #4 & 1 #8 EG	1-1/4"
100A	100	4 #3 & 1 #8 EG	1-1/4"
125A	125	4 #1 & 1 #6 EG	1-1/2"
150A	150	4 #1/0 & 1 #6 EG	2"
175A	175	4 #2/0 & 1 #6 EG	2"
200A	200	4 #3/0 & 1 #6 EG	2"

600 KCMIL AND LARGER CONDUCTORS SHALL BE PROVIDED WITH MAC ADAPTERS AS REQUIRED TO COORDINATE WITH STANDARD CIRCUIT BREAKER LUG SIZES.

LEGEND

	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN

GENERAL NOTES

- CONTRACTOR SHALL PERFORM AMPERAGE TEST FOR EXISTING LOADS ON CIRCUITS 3HA-7.9 AND RECORD THE RESULTS FOR REVIEW BY THE A/E PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL PROVIDE ALL CONDUIT, CONDUCTORS, ETC. FOR PROPER INSTALLATION OF LIGHTING DEVICE.
- WHERE EXISTING BREAKER(S) FOR CIRCUITS #7.9 IN EX. PANEL '3HA' ARE OBSERVED TO NOT HAVE ENOUGH CAPACITY FOR THE PROPOSED LED WRAP SYSTEMS, CONTRACTOR SHALL ROUTE ROUTE 3#12S IN 3/4" CONDUIT ABOVE CEILING TO ELECTRICAL RM. C204. TERMINATE IN EX. PANEL '2HA' IN ELECTRICAL ROOM C204. UTILIZE EXISTING 20A SPARE BREAKERS IN EX. PANEL '2HA' FOR POWER.

Branch Panel: EX. PANEL 3HA

Location: _____
Supply From: _____
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: EXT.
Mains Type: MLO
Mains Rating: 200 A
MCB Rating: 200 A

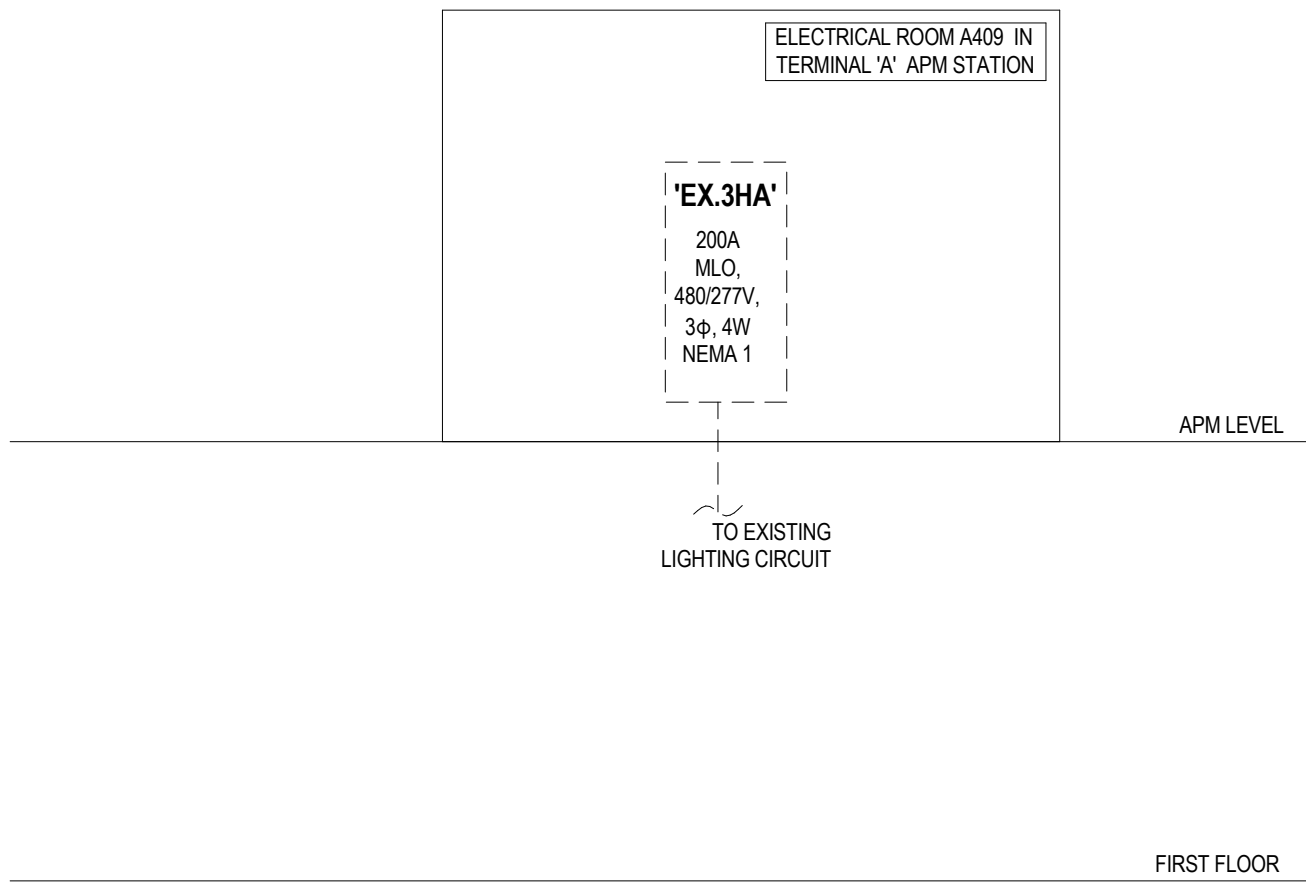
Notes:
CONTRACTOR SHALL FIELD VERIFY EXISTING BREAKER SERVING EXISTING CORRIDOR LIGHTING CIRCUITS NEAR COLUMNS.

NOTES	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTES		
	1	Existing Circuit	20 A	1	3324...	3324...			1	20 A	Existing Circuit	2		
	3	Existing Circuit	20 A	1		3324...	3324...		1	20 A	Existing Circuit	4		
	5	Existing Circuit	20 A	1			3324...	3324...	1	20 A	Existing Circuit	6		
	7	Existing Circuit	20 A	1	3324...	3324...			1	20 A	Existing Circuit	8		
	9	Lighting	20 A	1		500 VA	3324...		1	20 A	Existing Circuit	10		
	11	Existing Circuit	20 A	1			3324...	3324...	1	20 A	Existing Circuit	12		
	13	Existing Circuit	20 A	1	3324...	3324...			1	20 A	Existing Circuit	14		
	15	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	16		
	17	Space	--	--			0 VA	3324...	1	20 A	Existing Circuit	18		
	19	Space	--	--	0 VA	3324...			1	20 A	Existing Circuit	20		
	21	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	22		
	23	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	24		
	25	Space	--	--	0 VA	3324...			1	20 A	Existing Circuit	26		
	27	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	28		
	29	Space	--	--			0 VA	3324...	1	20 A	Existing Circuit	30		
	31	Space	--	--	0 VA	3324...			1	20 A	Existing Circuit	32		
	33	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	34		
	35	Space	--	--		0 VA	3324...		1	20 A	Existing Circuit	36		
	37	Space	--	--	0 VA	3324...			1	20 A	Existing Circuit	38		
	39	Space	--	--		0 VA	0 VA		--	--	Space	40		
	41	Space	--	--				0 VA	0 VA	--	--	Space	42	
		Total Load:			33240 VA	23744 VA		26592 VA						
		Total Amps:			122 A	86 A		98 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	500 VA	125.00%	625 VA	
Spare	83100 VA	100.00%	83100 VA	
				Total Conn. Load: 83575 VA
				Total Est. Demand: 83694 VA
				Total Conn.: 101 A
				Total Est. Demand: 101 A

Notes:
1. CONTRACTOR SHALL CONDUCT AMP TEST ON BREAKERS TO VERIFY ADEQUATE SPARE CAPACITY IS AVAILABLE AT THE EXISTING BREAKER. NOT TO EXCEED 4KVA / 15A.
2. UTILIZE EXISTING BREAKER TO SERVE POWER TO LED WRAP LIGHTING.



ELECTRICAL POWER RISER DIAGRAM
NOT TO SCALE

ELECTRICAL LOAD ANALYSIS

1. LIGHTING LOADS	7.789 KVA X 1.25 DF	= 0.625KVA
2. RECPY. LOADS	93.020 KVA, 1ST 10 KVA + 50% OF REMAINDER	= 0.00 KVA
3. KITCHEN LOADS	0.00 KVA X 0.65 DF	= 0.00 KVA
4. MISC. LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA
5. HVAC LOADS	0.00 KVA @ 1.00 DF	= 0.00 KVA

TOTAL DEMAND LOAD = 83.695 KVA
TOTAL DEMAND LOAD @ 480V, 3PH = 101 A
PROPOSED ADDITIONAL LOAD = 1.00 KVA
NEW LOAD DOES NOT EXCEED THE TOTAL AMPACITY OF 225A SERVICE



TERMINAL A - AREA C COLUMNS A

BINDING EDGE 30 X 42

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DATE STAMP: 05/25/2020 1:48:59