



2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

**IAH TERMINAL A - VESTIBULE  
EFFICIENCY UPGRADES  
DEPARTURES LEVEL**

C.I.P. No. **PN257B** A.I.P. No.  
C.O.H. No. D.O.A. No.

**RDLR Architects**  
ARCHITECTURE PLANNING INTERIORS

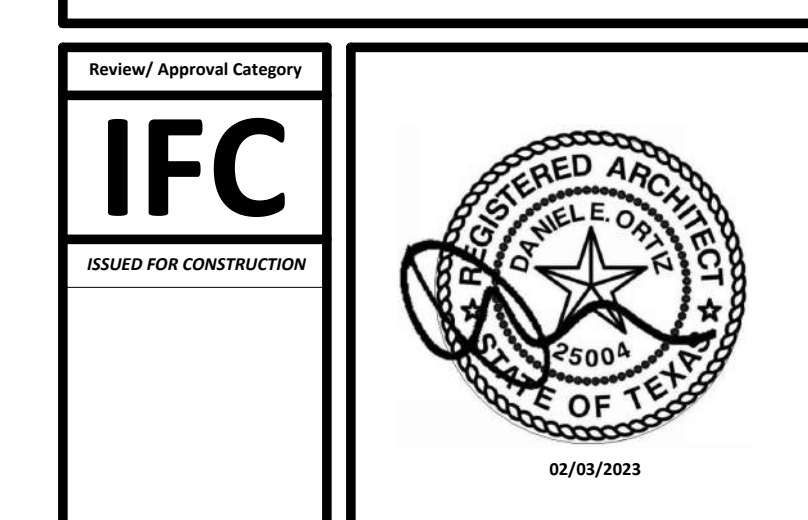
800 Sampson St. #104 Houston, TX 77003 713.868.3121 www.rdlr.com

DESIGNER PROJECT No.: 1429.02  
PROJECT STATUS: **100% CD**

REVISIONS			
No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: DY  
DRAWN BY: DY  
CHECKED BY: SD  
ISSUE DATE: 02/03/23  
APPROVED BY: DO  
APPROVAL DATE: 02/03/23

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM



SHEET NAME: COVER SHEET  
SHEET No. G-001 SCALE:



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SYLVESTER TURNER

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JERRY DAVIS - DISTRICT B

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DAVID MARTIN - DISTRICT E

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CHRIS B. BROWN

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DAVID ROBINSON - AT LARGE POSITION 2

MICHAEL KUBOSH - AT LARGE POSITION 3

LETITIA PLUMMER - AT LARGE POSITION 4

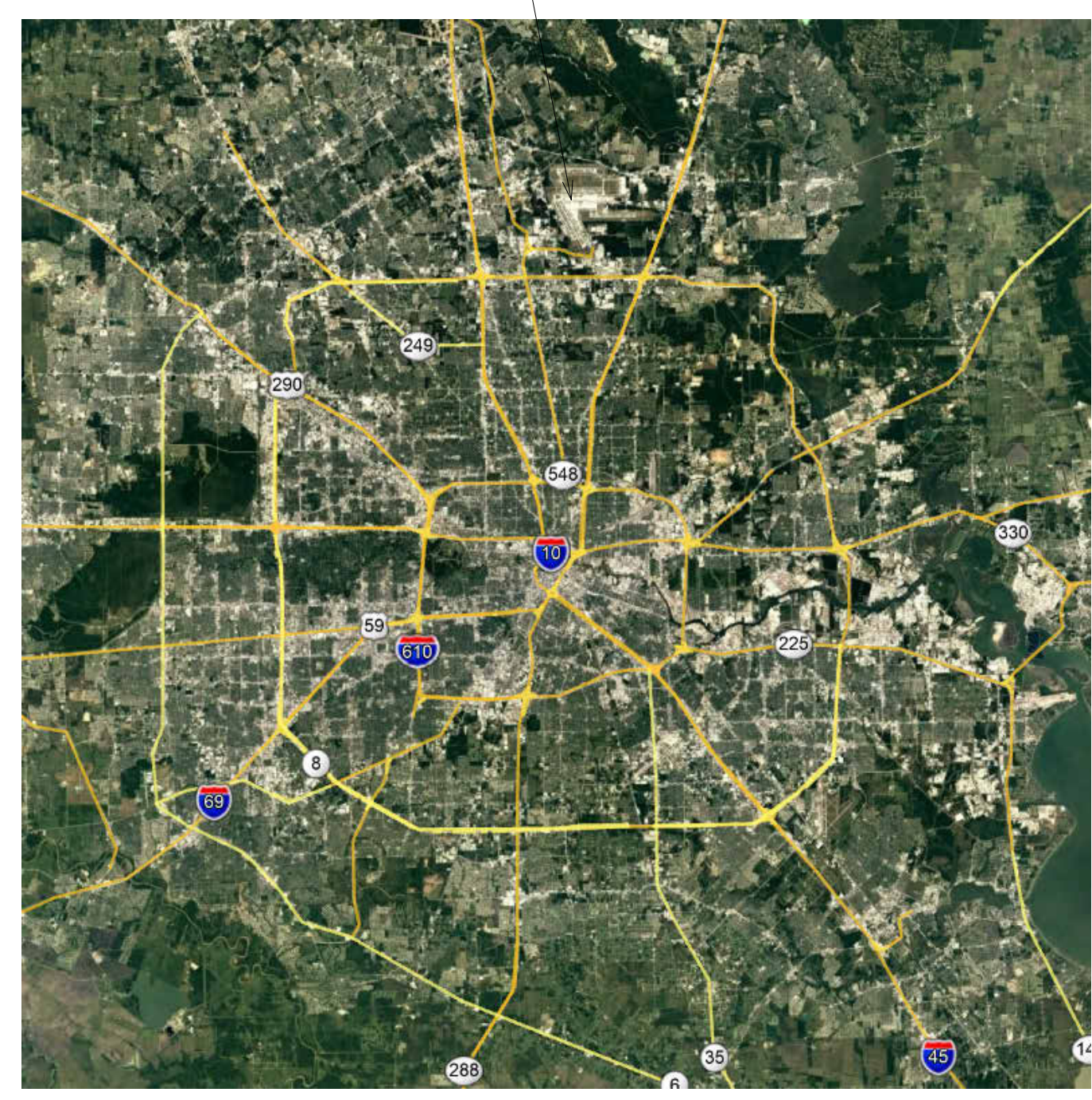
SALLIE ALCORN - AT LARGE POSITION 5

# IAH TERMINAL A - VESTIBULE EFFICIENCY UPGRADES DEPARTURES LEVEL

AT

## GEORGE BUSH INTERCONTINENTAL AIRPORT

PROJECT LOCATION



AREA MAP - N.T.S.

TIP NO. TIP-21-72-IAH  
BSG PROJECT NO. BSG-2021-77-IAH

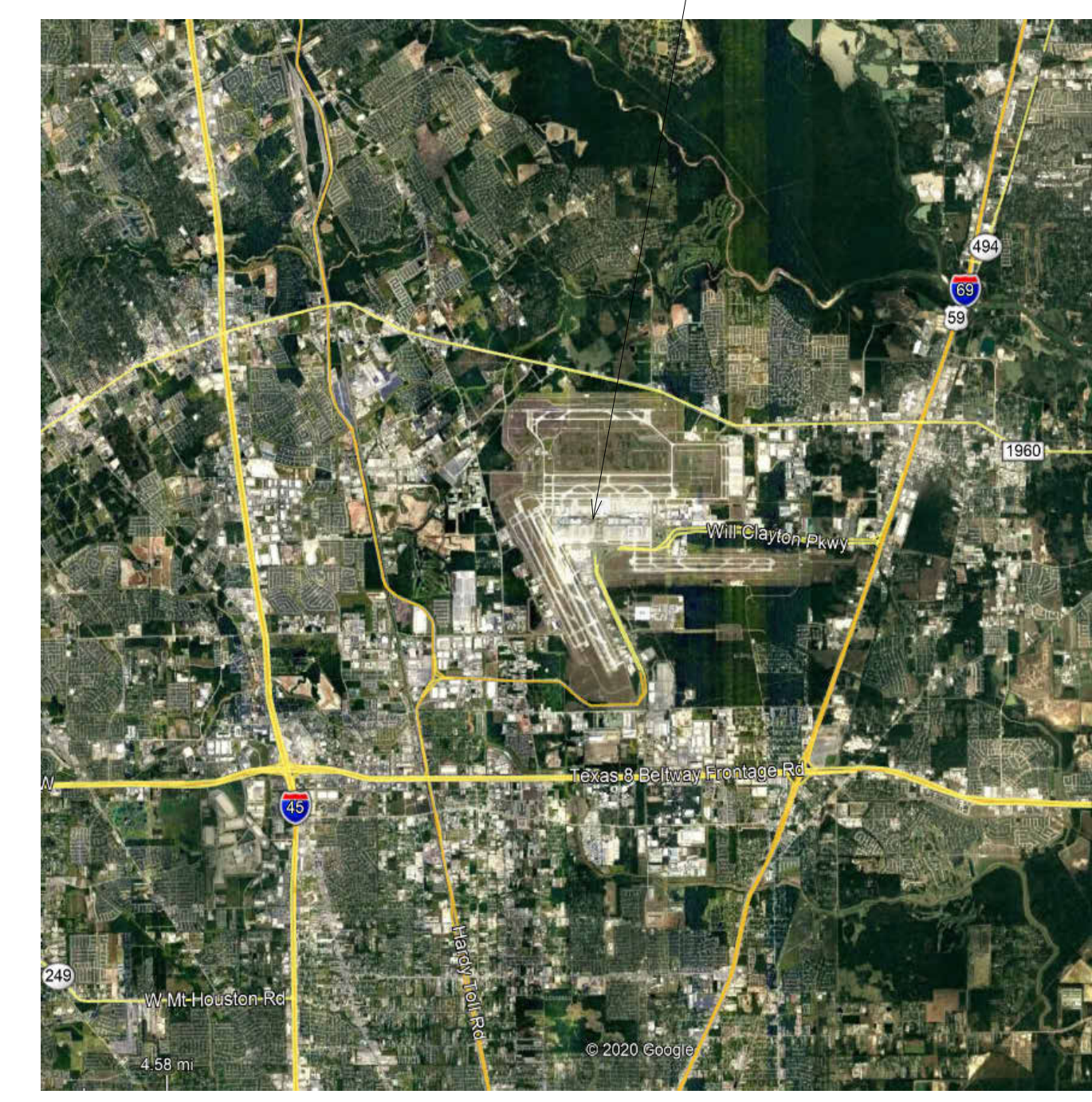
PREPARED BY  
**RDLR**

02/03/23

## HOUSTON AIRPORT SYSTEM

MARIO C. DIAZ - DIRECTOR

PROJECT LOCATION



VICINITY MAP - N.T.S.

FILE PATH: AutodesK Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt  
PLOT DATE: DOA DWG FILE: OLD DOA No.: HAS FILE: PLOT DATE:





**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
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DESIGN BY: DY

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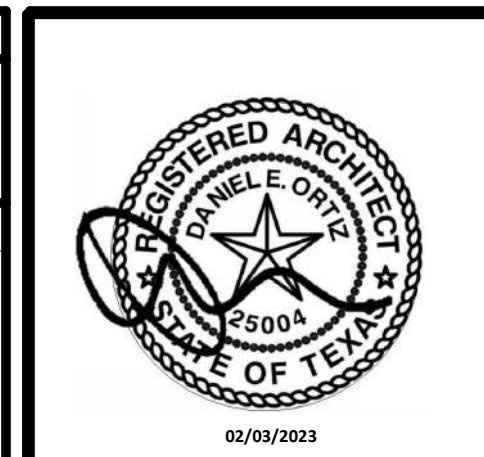
CHECKED BY: SD

ISSUE DATE: 02/03/2023

APPROVED BY: DO

APPROVAL DATE: 02/03/2023

**DIRECTOR**  
of  
**HOUSTON AIRPORT SYSTEM**



SHEET NAME: TEXAS ACCESSIBILITY STANDARDS

SHEET No. G-004 SCALE: 12" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

**TEXAS ACCESSIBILITY STANDARDS**

**302 FLOOR OR GROUND SURFACES**

302.1 GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH 302.  
302.2 CARPET, CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE 1/2 INCH (13 MM) MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH 303.  
302.3 OPENINGS. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH (13 MM) DIAMETER EXCEPT AS ALLOWED IN 407.4.3, 409.4.3, 410.4, 810.5.3 AND 810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.  
303 CHANGES IN LEVEL  
303.1 GENERAL. WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES, THEY SHALL COMPLY WITH 303.  
303.2 VERTICAL. CHANGES IN LEVEL OF 1/4 INCH (6.4 MM) HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL.  
303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4 INCH (6.4 MM) HIGH MINIMUM AND 1/2 INCH (13 MM) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.  
303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2 INCH (13 MM) HIGH SHALL BE RAMPED, AND SHALL COMPLY WITH 405 OR 406.



FIG. 303.2 VERTICAL CHANGE IN LEVEL FIG. 303.3 BEVELED CHANGE IN LEVEL

**304 TURNING SPACE**

304.1 GENERAL. TURNING SPACE SHALL COMPLY WITH 304.  
304.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.  
304.3 SIZE. TURNING SPACE SHALL COMPLY WITH 304.3.1 OR 304.3.2.  
304.3.1 CIRCULAR SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES (1525 MM) DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.  
304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH (1525 MM) SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES (915 MM) WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES (305 MM) MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES (610 MM) MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

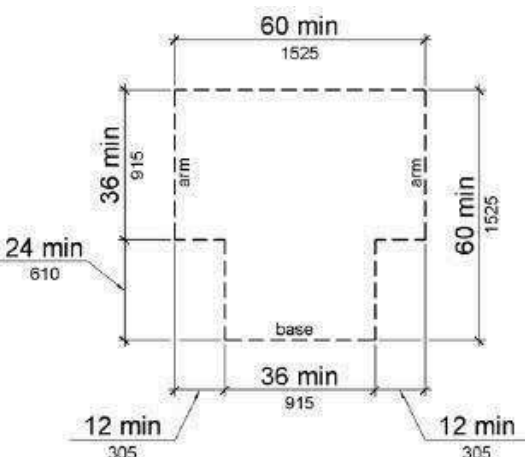


FIG. 304.3.2 T-SHAPED TURNING SPACE

304.4 DOOR SWING. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES.

**305 CLEAR FLOOR OR GROUND SPACE**

305.1 GENERAL. CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 305.  
305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.  
305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES (762 MM) MINIMUM BY 48 INCHES (1220 MM) MINIMUM

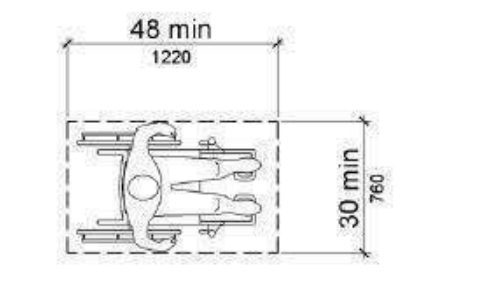


FIG. 305.3 CLEAR FLOOR OR GROUND SPACE

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306.  
305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT.

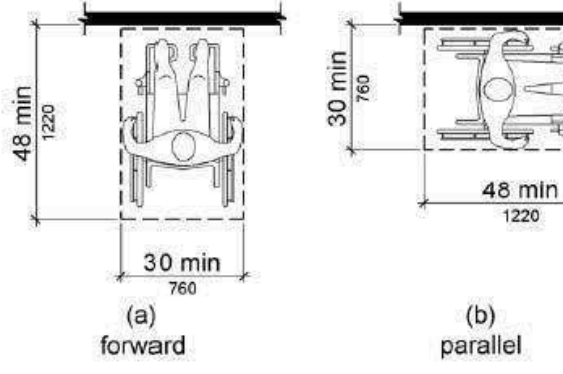


FIG. 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.  
305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH 305.7.1 AND 305.7.2.  
305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES (915 MM) WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES (610 MM).  
305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES (380 MM).

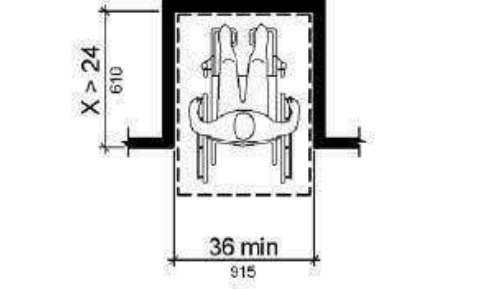


FIG. 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

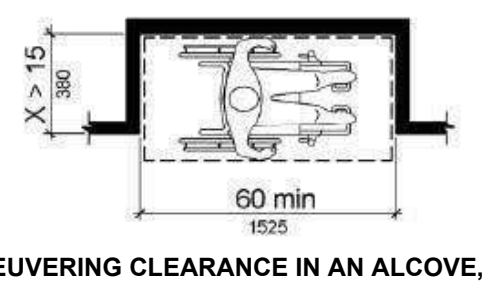


FIG. 305.7.2 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

**307 PROTRUDING OBJECTS**

307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH 307.  
307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (685 MM) AND NOT MORE THAN 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES (100 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH

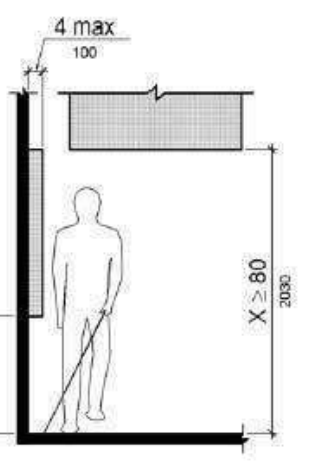


FIG. 307.2 LIMITS OF PROTRUDING OBJECTS

**402 ACCESSIBLE ROUTES**

402.1 GENERAL. ACCESSIBLE ROUTES SHALL COMPLY WITH 402.  
402.2 COMPONENTS. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20, DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORM LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF CHAPTER 4.

**403 WALKING SURFACES**

403.1 GENERAL. WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 403.  
403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.  
403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.  
403.4 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 303.  
403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.5.1 AND 403.5.2.  
403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (915 MM) MINIMUM.  
403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES (1220 MM) WIDE, CLEAR WIDTH SHALL BE 42 INCHES (1065 MM) MINIMUM APPROACHING THE TURN, 48 INCHES (1220 MM) MINIMUM AT THE TURN AND 42 INCHES (1065 MM) MINIMUM LEAVING THE TURN.  
403.5.3 PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES (1525 MM) SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET (61 M) MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES (1525 MM) MINIMUM BY 60 INCHES (1525 MM) MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES (1220 MM) MINIMUM BEYOND THE INTERSECTION.  
403.6 HANDRAILS. WHERE HANDRAILS ARE PROVIDED ALONG WALKING SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL COMPLY WITH 505.

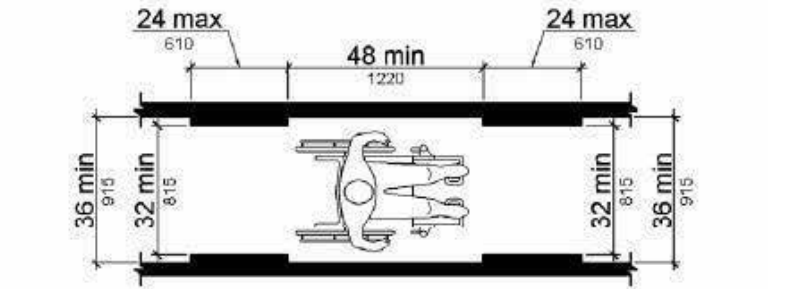


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

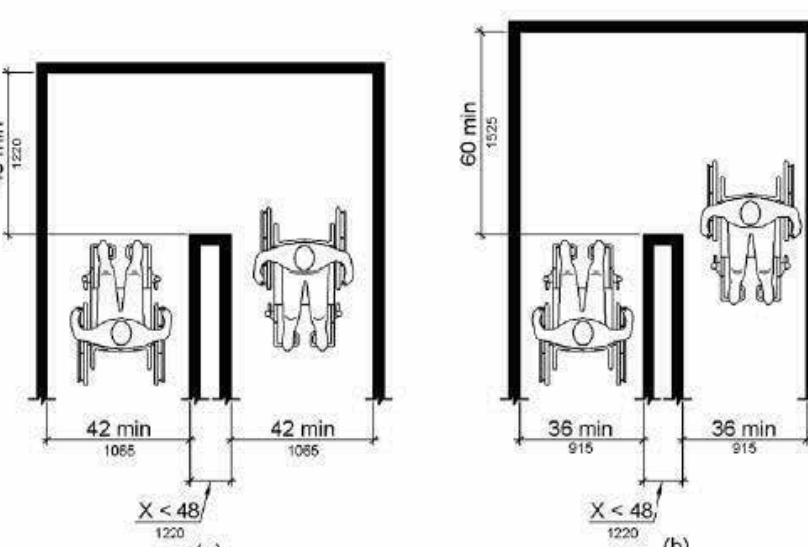


FIG. 403.5.2 180 DEGREE TURN (EXCEPTION)

**404 DOORS, DOORWAYS, AND GATES**

404.1 GENERAL. DOORS, DOORWAYS, AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 404.  
404.2 MANUAL DOORS, DOORWAYS, AND MANUAL GATES. MANUAL DOORS AND DOORWAYS AND MANUAL GATES INTENDED FOR USER PASSAGE SHALL COMPLY WITH 404.2.  
404.2.1 REVOLVING DOORS, GATES, AND TURNSTILES. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.  
404.2.2 DOUBLE-LEAF DOORS AND GATES. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 404.2.3 AND 404.2.4.  
404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (815 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (915 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (865 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (865 MM) AND 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (100 MM).  
404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 404.2.4.1. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1.  
404.2.4.2 DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36 INCHES (915 MM) WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.2.  
404.2.4.3 RECESSED DOORS AND GATES. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES (455 MM) OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8 INCHES (205 MM) BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.  
404.2.4.4 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT PERMITTED.

404.2.5 THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (13 MM) HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.  
404.2.6 DOORS IN SERIES AND GATES IN SERIES. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES (1220 MM) MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.

404.2.7 DOOR AND GATE HARDWARE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 309.4. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES (865 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND, WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.  
404.2.8 CLOSING SPEED. DOOR AND GATE CLOSING SPEED SHALL COMPLY WITH 404.2.8.1 AND 404.2.8.2.  
404.2.8.1 DOOR CLOSERS AND GATE CLOSERS. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.  
404.2.8.2 SPRING HINGES. DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

404.2.9 DOOR AND GATE OPENING FORCE. FIRE DOORS SHALL HAVE A MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:  
1. INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2 N) MAXIMUM.  
2. SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 N) MAXIMUM.  
THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.  
404.2.10 DOOR AND GATE SURFACES. SWINGING DOOR AND GATE SURFACES WITHIN 18 INCHES (455 MM) OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH (1.5 MM) OF THE SAME PLANE AS THE OTHER. GAVES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.

404.3 AUTOMATIC AND POWER-ASSISTED DOORS AND GATES. AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH 403. FULL-POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10 (INCORPORATED BY REFERENCE. SEE "REFERENCED STANDARDS" IN CHAPTER 1). LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.10 (1997 OR 2002 EDITION) (INCORPORATED BY REFERENCE. SEE "REFERENCED STANDARDS" IN CHAPTER 1).  
404.3.1 CLEAR WIDTH. DOORWAYS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES (815 MM) MINIMUM IN POWER-ON AND POWER-OFF MODE. THE MINIMUM CLEAR WIDTH FOR AUTOMATIC DOOR SYSTEMS IN A DOORWAY SHALL BE BASED ON THE CLEAR OPENING PROVIDED BY ALL LEAVES IN THE OPEN POSITION.  
404.3.2 MANEUVERING CLEARANCE. CLEARANCES AT POWER-ASSISTED DOORS AND GATES SHALL COMPLY WITH 404.2.4. CLEARANCES AT AUTOMATIC DOORS AND GATES WITHOUT STANDBY POWER AND SERVING AN ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH 404.2.4.  
404.3.3 THRESHOLDS. THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 404.2.5.  
404.3.4 DOORS IN SERIES AND GATES IN SERIES. DOORS IN SERIES AND GATES IN SERIES SHALL COMPLY WITH 404.2.6.  
404.3.5 CONTROLS. MANUALLY OPERATED CONTROLS SHALL COMPLY WITH 309. THE CLEAR FLOOR SPACE ADJACENT TO THE CONTROL SHALL BE LOCATED BEYOND THE ARC OF THE DOOR SWING.  
404.3.6 BREAK OUT OPENING. WHERE DOORS AND GATES WITHOUT STANDBY POWER ARE A PART OF A MEANS OF EGRESS, THE CLEAR BREAK OUT OPENING AT SWINGING OR SLIDING DOORS AND GATES SHALL BE 32 INCHES (815 MM) MINIMUM WHEN OPERATED IN EMERGENCY MODE.

404.3.7 REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.

Approach Direction	Door or Gate Side	Minimum Maneuvering Clearance	
		Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)
From front	Push	60 inches (1525 mm)	18 inches (455 mm)
From front	Pull	48 inches (1220 mm)	0 inches (0 mm)
From hinge side	Push	60 inches (1525 mm)	36 inches (915 mm)
From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)
From latch side	Push	42 inches (1065 mm) <sup>2</sup>	22 inches (560 mm) <sup>2</sup>
From latch side	Pull	48 inches (1220 mm)	24 inches (610 mm)
From latch side	Push	42 inches (1065 mm)	24 inches (610 mm)

1. Add 12 inches (305 mm) if closer and latch are provided.  
2. Add 9 inches (229 mm) if closer and latch are provided.  
3. Beyond hinge side.  
4. Add 6 inches (150 mm) if closer is provided.

Table 404.2.4.2 Minimum Maneuvering Clearances at Doorways without Doors or Gates, Manual Sliding Doors, and Manual Folding Doors

Approach Direction	Minimum Maneuvering Clearance	
	Perpendicular to Doorway	Parallel to Doorway (beyond stop/latch side unless noted)
From Front	48 inches (1220 mm)	0 inches (0 mm)
From side <sup>1</sup>	42 inches (1065 mm)	0 inches (0 mm)
From pocket/hinge side	42 inches (1065 mm)	22 inches (560 mm) <sup>2</sup>
From stop/latch side	42 inches (1065 mm)	24 inches (610 mm)

1. Doorway with no door only.  
2. Beyond pocket/hinge side.

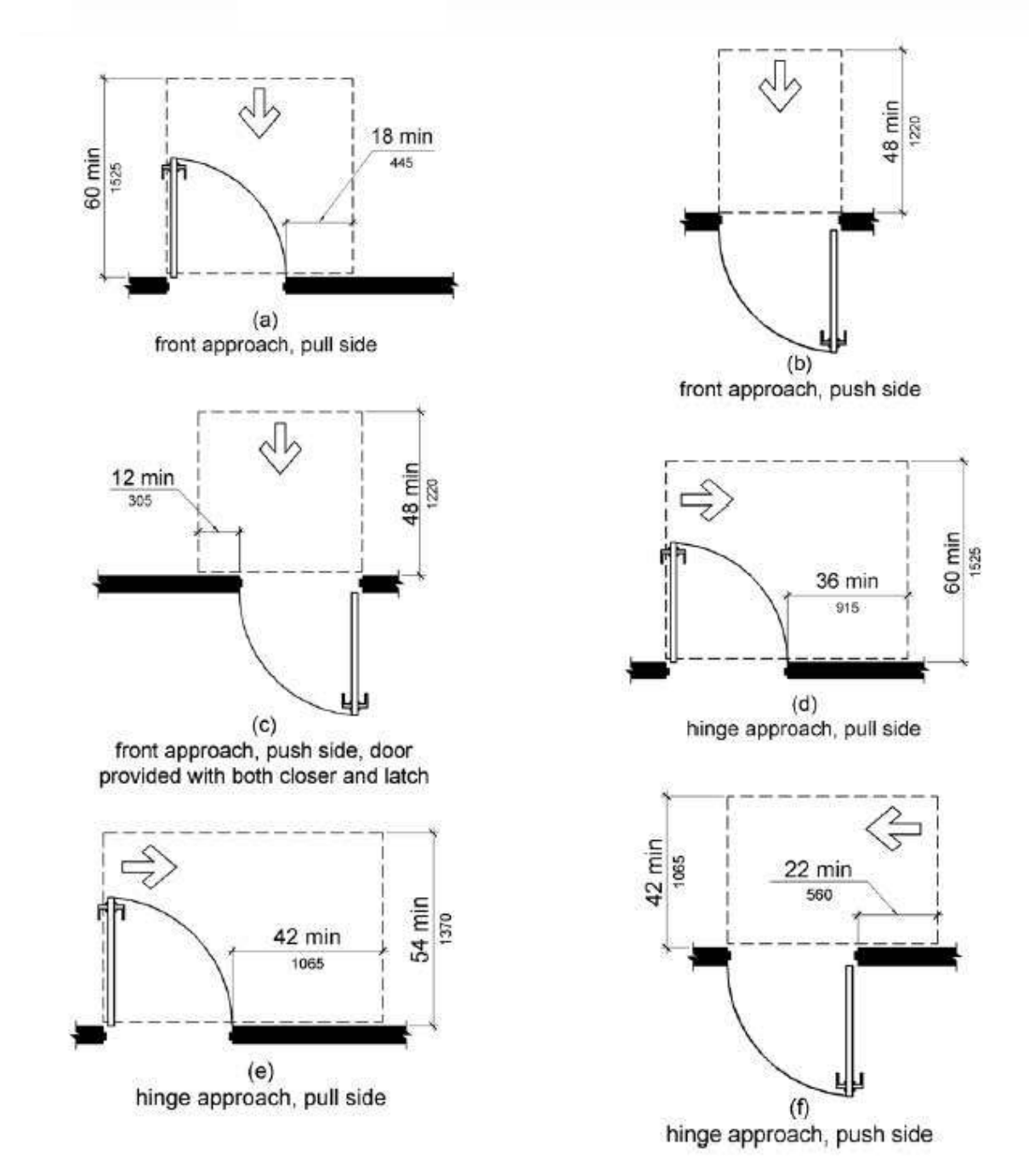


FIG. 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR GATES, MANUAL SLIDING DOORS, AND MANUAL FOLDING DOORS

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PLOT DATE: DOA DWG FILE: OLD DOA No.:  
PLOT DATE: HAS FILE:



2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

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EFFICIENCY UPGRADES  
DEPARTURES LEVEL**

C.I.P. No. **PN257B** A.I.P. No.  
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**RDLR Architects**  
ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104 713.868.3121  
Houston, TX 77003 www.rdlr.com

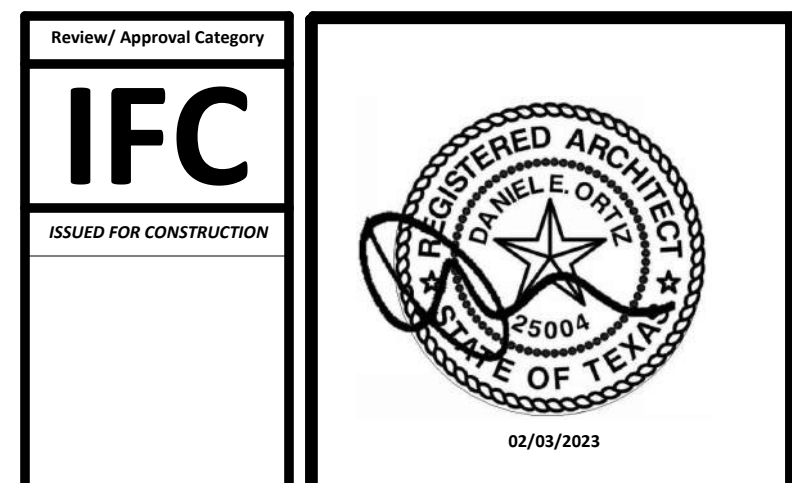
DESIGNER PROJECT No.: 1429.02  
PROJECT STATUS: **100% CD**

**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: \_\_\_\_\_ DY  
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 CHECKED BY: \_\_\_\_\_ SD  
 ISSUE DATE: 02/03/2023  
 APPROVED BY: \_\_\_\_\_ DO  
 APPROVAL DATE: 02/03/2023

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM



SHEET NAME:  
LIFE SAFETY LEVEL 2 PLAN AND CODE REVIEW  
SHEET No. G-031 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

**APPLICABLE BUILDING CODES**

2012 INTERNATIONAL BUILDING CODE WITH CITY OF HOUSTON AMENDMENTS  
2012 INTERNATIONAL FIRE CODE WITH CITY OF HOUSTON AMENDMENTS  
2012 UNIFORM MECHANICAL CODE WITH CITY OF HOUSTON AMENDMENTS  
2012 UNIFORM PLUMBING CODE  
2017 NATIONAL ELECTRICAL CODE  
2015 INTERNATIONAL ENERGY CONSERVATION CODE  
CITY OF HOUSTON AMENDMENTS  
STATE OF TEXAS ACCESSIBILITY STANDARDS

ARCHITECTURAL BARRIERS PROJECT REGISTRATION:  
PROJECT DESCRIPTION: REPLACEMENT OF EXISTING SLIDING DOORS WITH NEW AND EXPAND DEPTH OF VESTIBULE AT THE WEST BUILDING EXIT / ENTRANCE.

**BUILDING CODE SUMMARY**

OCCUPANCY CLASSIFICATION

GROUP A-3: WAITING AREAS IN TRANSPORTATION TERMINALS

GROUP B: BUSINESS

CONSTRUCTION TYPE

TYPE IB

ALLOWABLE HEIGHT & BUILDING AREA - CONSTRUCTION TYPE I-B

TABLE 503	ALLOWABLE HEIGHT	UNLIMITED
	ALLOWABLE AREA	UNLIMITED
	HEIGHT MODIFICATIONS	NONE REQUIRED

SQUARE FOOTAGE

LEVEL 2: 79,167 SF (CONNECTING SKY BRIDGES EXCLUDED)

OCCUPANT LOAD

AIRPORT TERMINAL	CONCOURSE	100 GSF/OCCUPANT
BUSINESS	BUSINESS AREAS	100 GSF/OCCUPANT
TICKETING AREAS		15 GSF/OCCUPANT
BAGGAGE HANDLING / SUPPORT SPACES		300 GSF/OCCUPANT

OCCUPANT LOAD IS EXISTING TO REMAIN  
EGRESS PATH AND EXITING WIDTH IS EXISTING TO REMAIN

EXIT ACCESS

TABLE 1016.2 EXIT ACCESS TRAVEL DISTANCE

OCCUPANCY B WITH SPRINKLER - 300'  
OCCUPANCY A WITH SPRINKLER - 250'

THE FOLLOWING SYMBOLS INDICATE NUMBERS OF GIVEN OCCUPANTS IN A GIVEN ROOM OR AREA:

DOOR	STAIR	← OCCUPANT LOAD
XX	XX	← REQUIRED EXIT WIDTH
XX	XX	← PROVIDED EXIT WIDTH

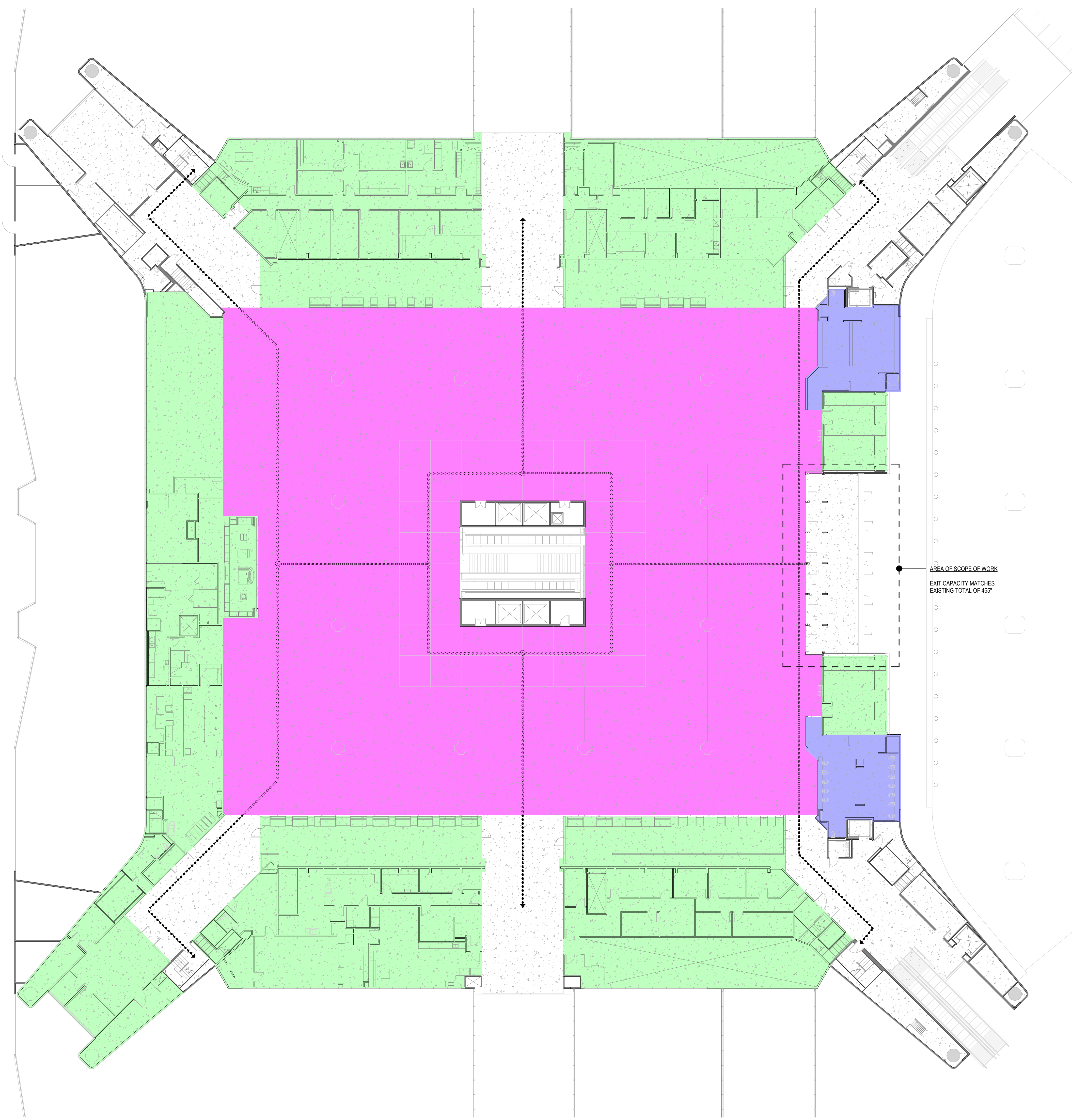
  

ROOM NAME	← ROOM NUMBER
[01] B-2	← OCCUPANCY LOAD FACTOR
XXXX SF	← ROOM AREA AND OCCUPANCY TYPE
FLOOR FINISH	

● → → → TRAVEL PATH

XX' TOTAL TRAVEL DISTANCE TO EXIT FROM START OF EGRESS



AREA OF SCOPE OF WORK  
EXIT CAPACITY MATCHES EXISTING TOTAL OF 465'

**A1 LIFE SAFETY PLAN - LEVEL 2**  
SCALE: 1/16" = 1'-0"

FILE PATH: Autodesk Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt  
PLOT DATE: \_\_\_\_\_  
DOA DWG FILE: \_\_\_\_\_  
OLD DOA No.: \_\_\_\_\_  
PLOT DATE: \_\_\_\_\_



2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

**IAH TERMINAL A - VESTIBULE  
EFFICIENCY UPGRADES  
DEPARTURES LEVEL**

C.I.P. No. **PN257B** A.I.P. No.  
C.O.H. No. D.O.A. No.

**RDLR Architects**  
ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104 713.868.3121  
Houston, TX 77003 www.rdlr.com

DESIGNER PROJECT No.: 1429.02  
PROJECT STATUS: **100% CD**

**REVISIONS**

No.	DESCRIPTION	DATE	BY
1	ISSUE FOR PERMIT	04/20/2021	SD
2	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: Designer  
 DRAWN BY: Author  
 CHECKED BY: Checker  
 ISSUE DATE: 02/03/2023  
 APPROVED BY: Approver  
 APPROVAL DATE: 02/03/2023

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

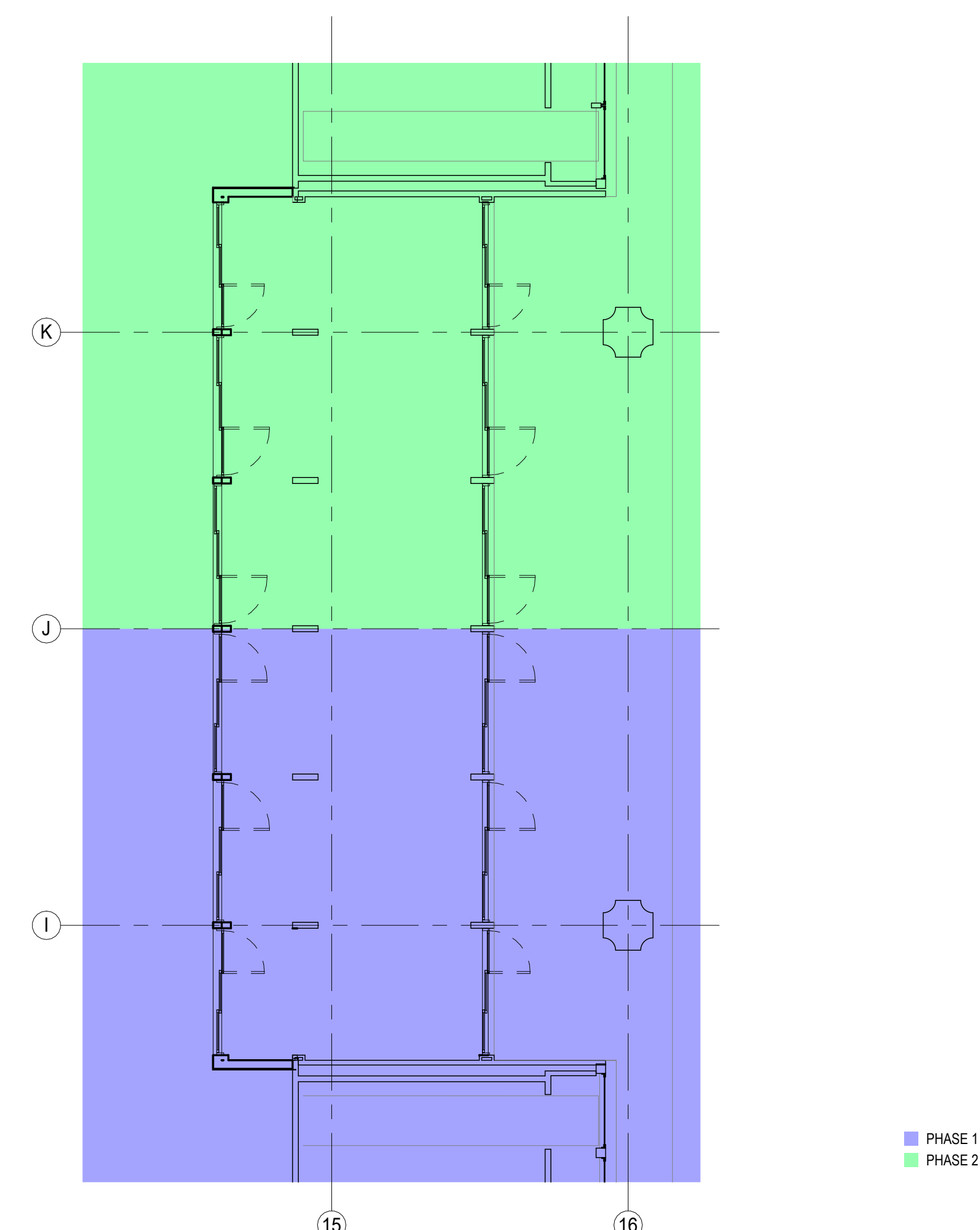
IFC  
ISSUED FOR CONSTRUCTION



SHEET NAME: CONSTRUCTION PHASING PLAN

SHEET No. G-032 SCALE: 1/8" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1



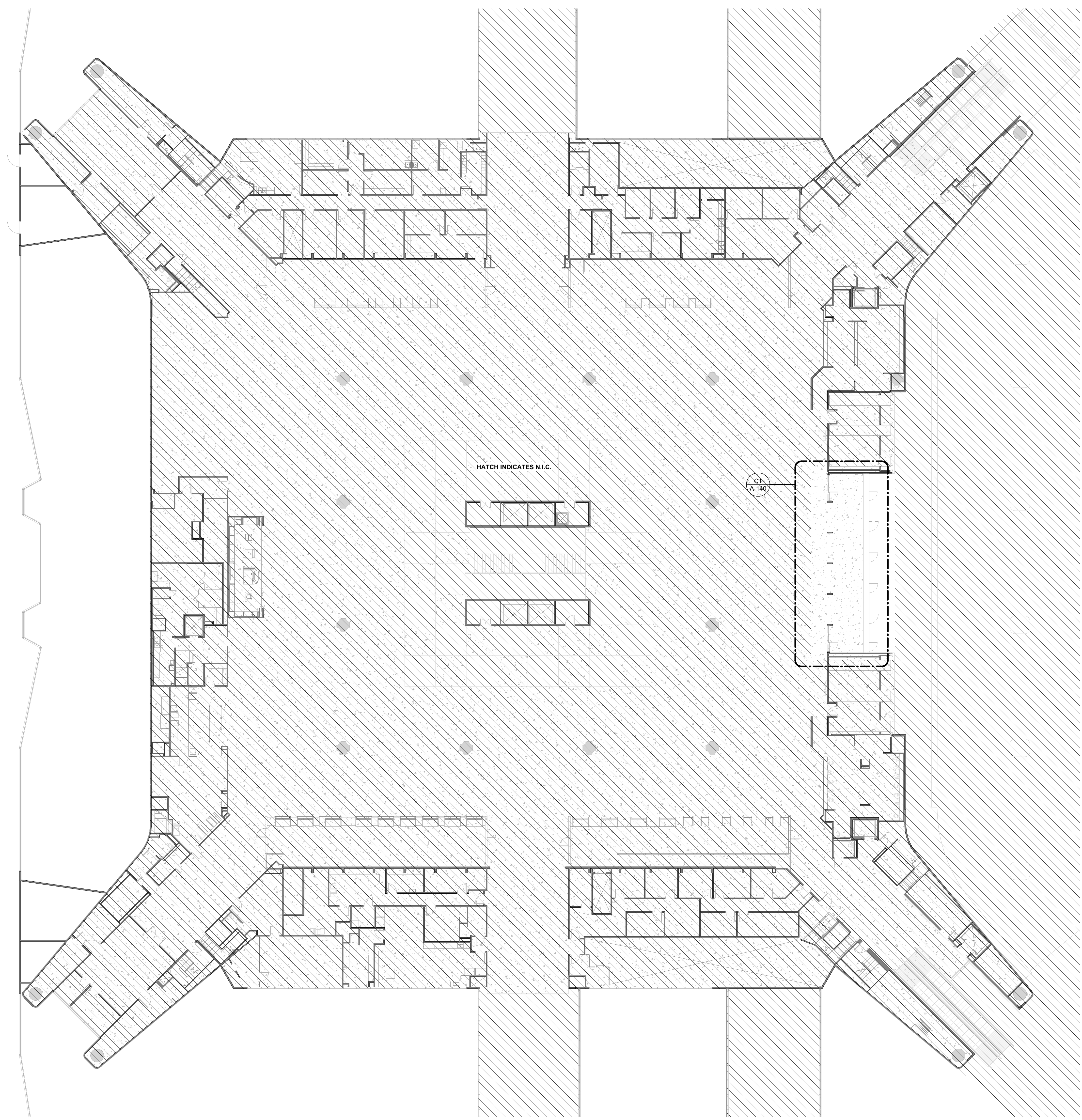
NOTE: COORDINATE PHASING WITH OWNER AND OPERATIONS.  
ENTRY TO REMAIN IN OPERATION DURING CONSTRUCTION.

**D1 CONSTRUCTION PHASING PLAN**  
SCALE: 1/8" = 1'-0"

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt HAS FILE:

**GENERAL NOTES - DEMOLITION PLAN**

1. REFER TO SHEET G-002 FOR SYMBOL LEGENDS & ABBREVIATIONS. REFER TO G-003 FOR GENERAL NOTES
2. PROTECT ALL EXISTING FLOORING, WALLS, CEILINGS, LIGHT FIXTURES & MECHANICAL DEVICES DURING DEMOLITION. REPAIR AND REPLACE ANY DAMAGES AS A RESULT OF WORK AT NO COST TO THE OWNER.
3. EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED.
4. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.



HATCH INDICATES N.I.C.

CL-  
A-140

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt HAS FILE:

**A1 OVERALL DEMO FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

**IAH TERMINAL A - VESTIBULE  
EFFICIENCY UPGRADES  
DEPARTURES LEVEL**

C.I.P. No. **PN257B** A.I.P. No.  
C.O.H. No. D.O.A. No.

**RDLR Architects**  
ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104 713.868.3121  
Houston, TX 77003 www.rdlr.com

DESIGNER PROJECT No.: 1429.02  
PROJECT STATUS: **100% CD**

**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: DY  
DRAWN BY: DY  
CHECKED BY: SD  
ISSUE DATE: 02/03/2023  
APPROVED BY: DO  
APPROVAL DATE: 02/03/2023

**DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM**

Review/Approval Category

**IFC**  
ISSUED FOR CONSTRUCTION

SHEET NAME:  
**LEVEL 1 - OVERALL DEMOLITION PLAN**

SHEET No. AD-100 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: \_\_\_\_\_ DY  
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ISSUE DATE: 02/03/2023  
APPROVED BY: \_\_\_\_\_ DO  
APPROVAL DATE: 02/03/2023

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/Approval Category

**IFC**  
ISSUED FOR CONSTRUCTION

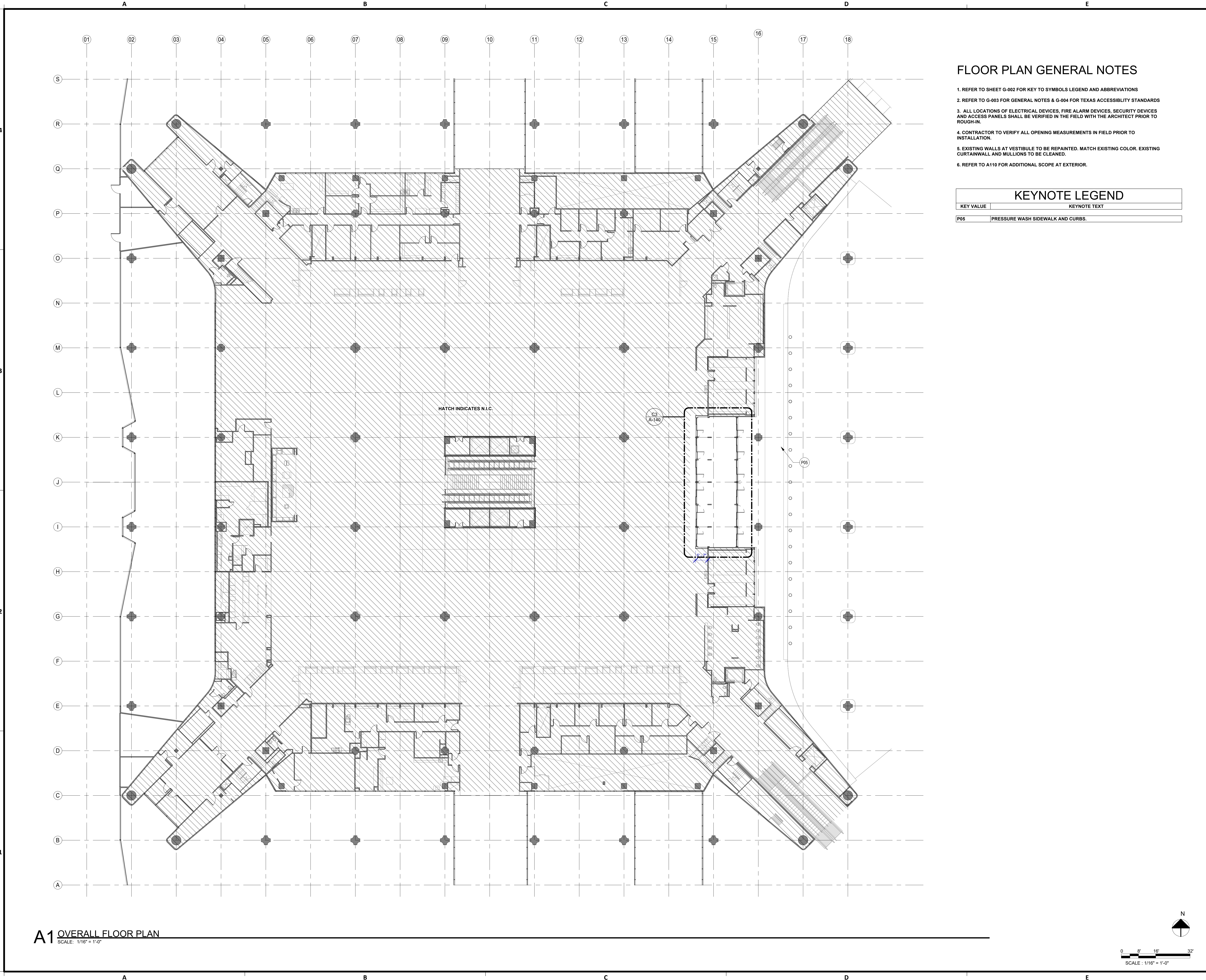
SHEET NAME: OVERALL FLOOR PLAN - LEVEL 2  
SHEET No. A-110 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

**FLOOR PLAN GENERAL NOTES**

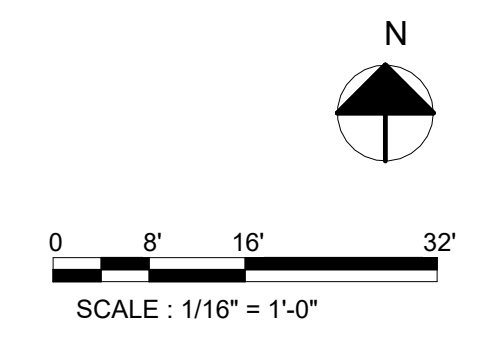
- REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS
- REFER TO G-003 FOR GENERAL NOTES & G-004 FOR TEXAS ACCESSIBILITY STANDARDS
- ALL LOCATIONS OF ELECTRICAL DEVICES, FIRE ALARM DEVICES, SECURITY DEVICES AND ACCESS PANELS SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- CONTRACTOR TO VERIFY ALL OPENING MEASUREMENTS IN FIELD PRIOR TO INSTALLATION.
- EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED.
- REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.

**KEYNOTE LEGEND**

KEY VALUE	KEYNOTE TEXT
P05	PRESSURE WASH SIDEWALK AND CURBS.



**A1 OVERALL FLOOR PLAN**  
SCALE: 1/16" = 1'-0"



PLOT DATE: \_\_\_\_\_  
 DOA DWG FILE: \_\_\_\_\_  
 OLD DOA No.: \_\_\_\_\_  
 PLOT DATE: \_\_\_\_\_  
 HAS FILE: \_\_\_\_\_  
 FILE PATH: Autodesk Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt

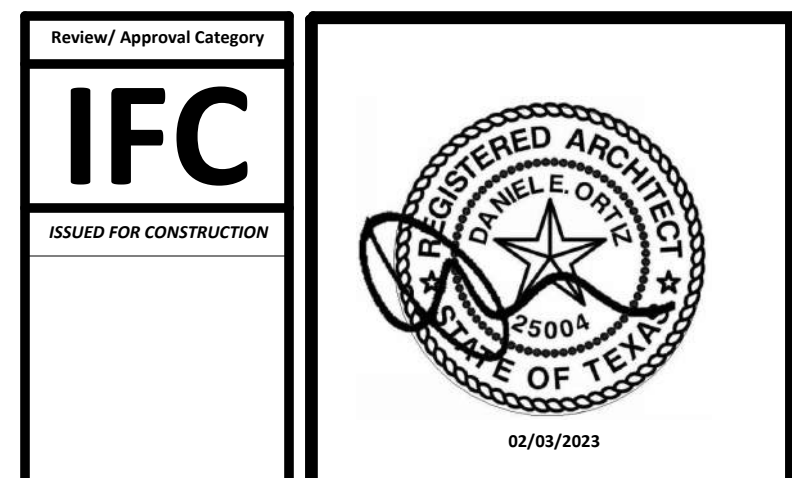


**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
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DESIGN BY: \_\_\_\_\_ DY  
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 APPROVED BY: \_\_\_\_\_ DO  
 APPROVAL DATE: 02/03/2023

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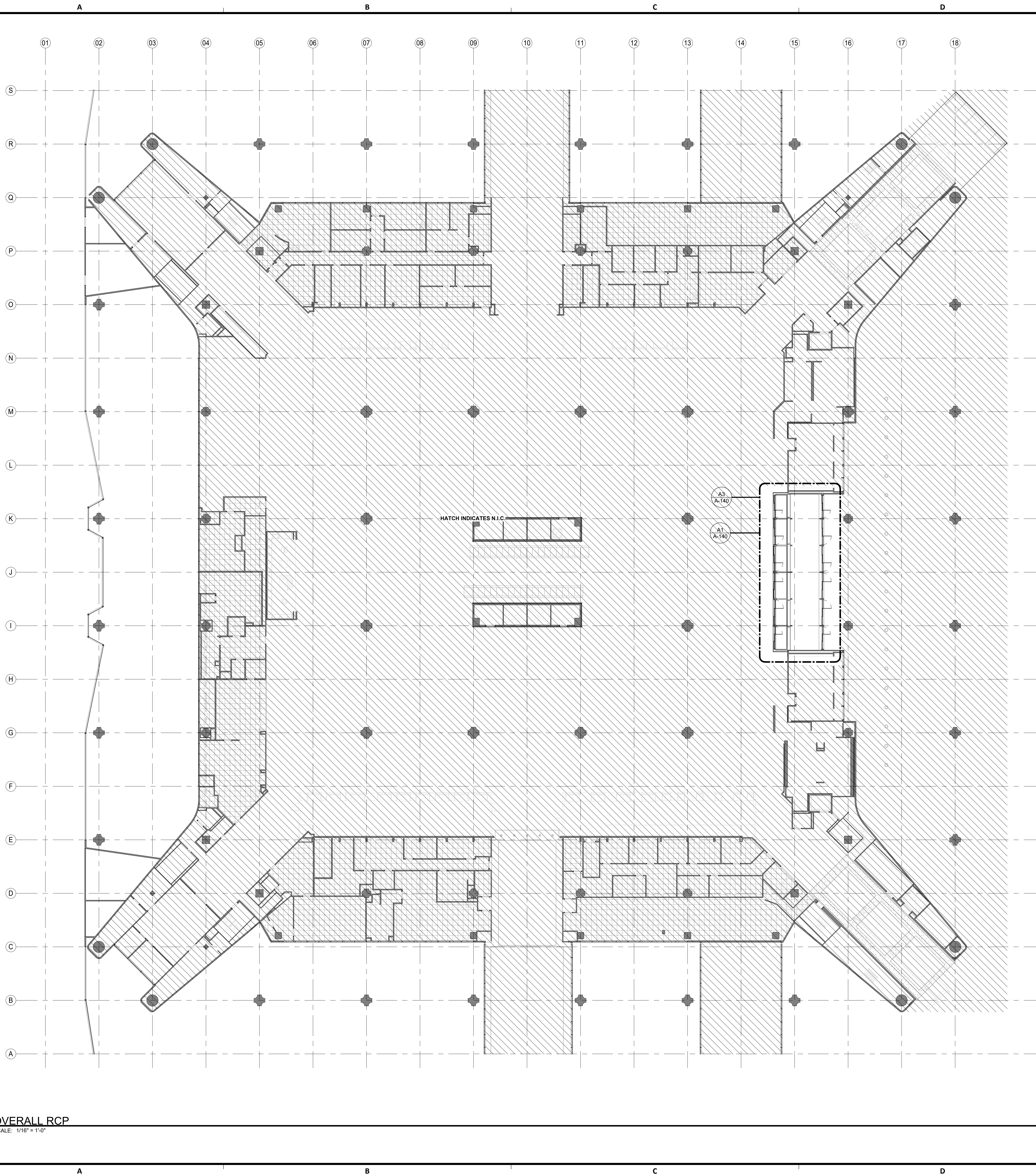
SHEET NAME:  
OVERALL REFLECTED CEILING PLAN - LEVEL 2

SHEET No. A-130 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

**RCP GENERAL NOTES**

1. ALL LIGHT FIXTURES TO REMAIN.
2. REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS.
3. EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED.
4. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.



**A1 OVERALL RCP**  
SCALE: 1/16" = 1'-0"

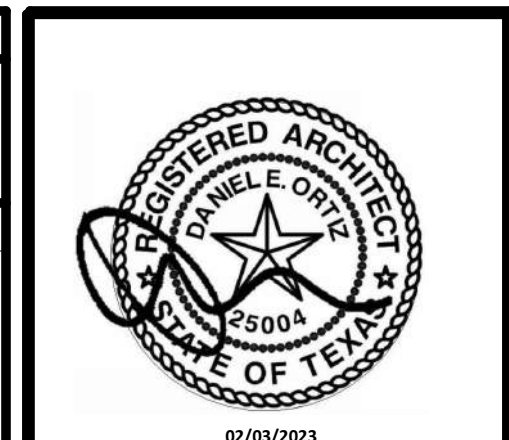
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**REVISIONS**

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DESIGN BY: DY  
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APPROVED BY: DO  
APPROVAL DATE: 02/03/2023

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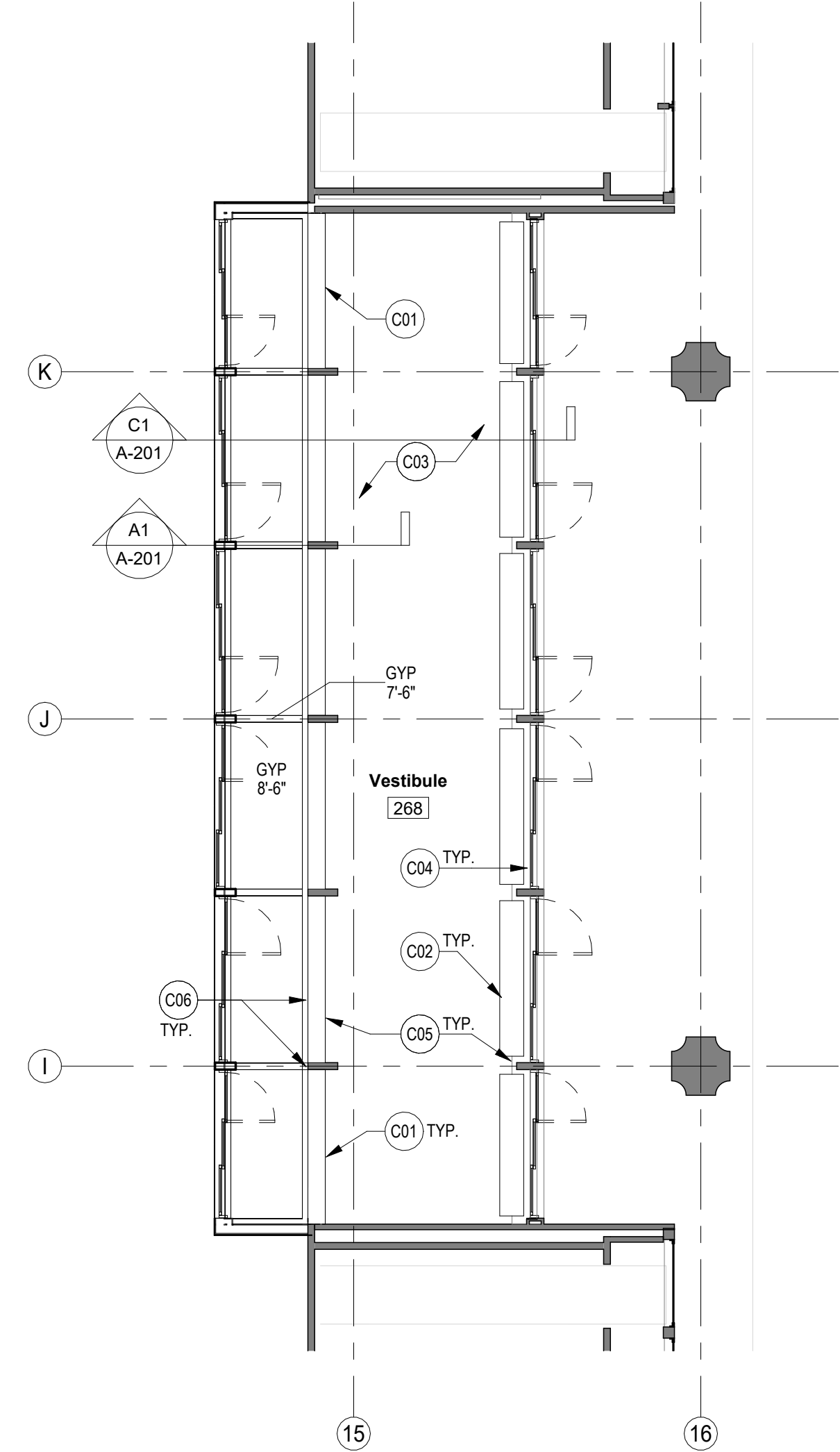


**FLOOR PLAN GENERAL NOTES**

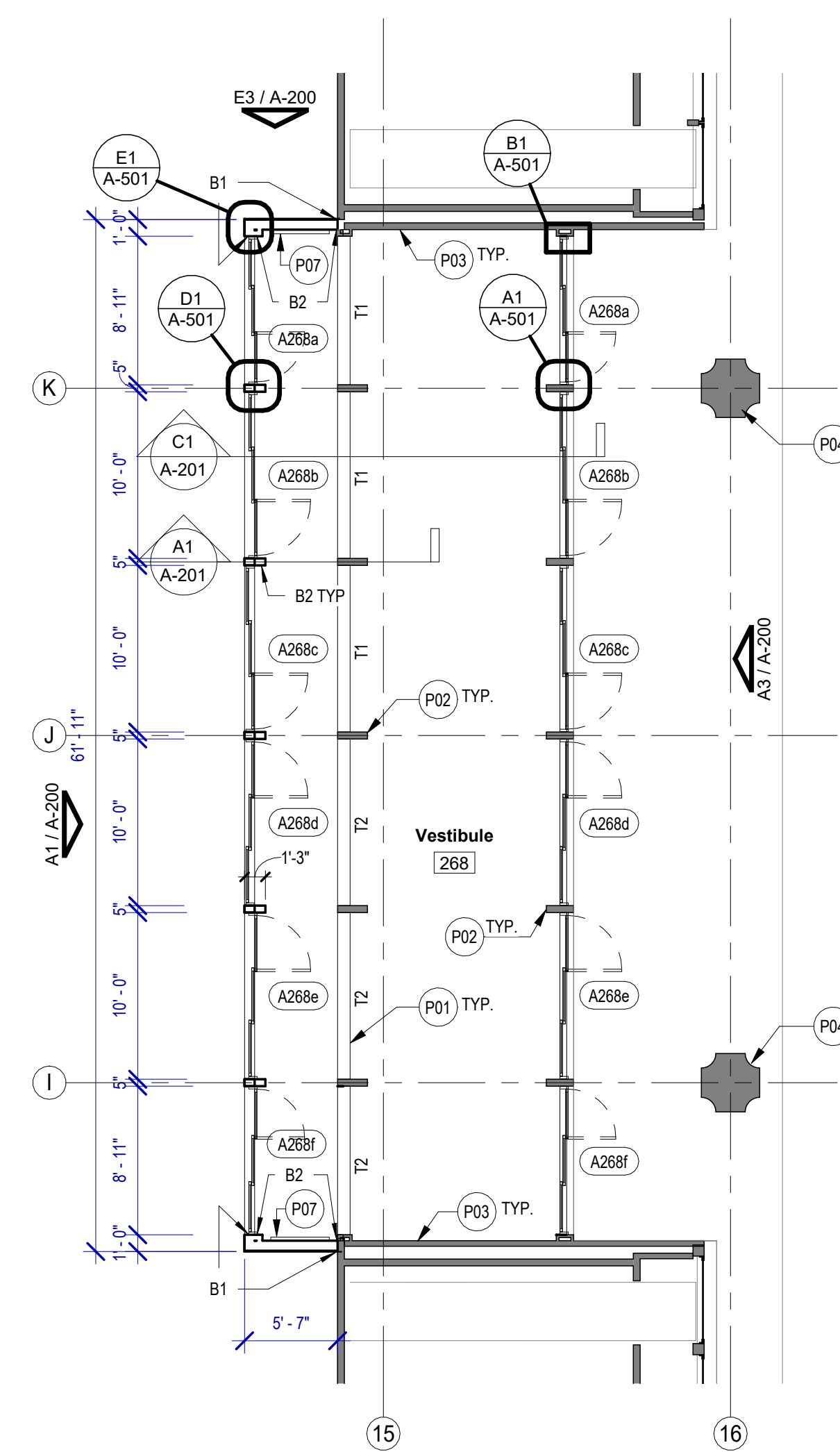
1. REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS
2. REFER TO G-003 FOR GENERAL NOTES & G-004 FOR TEXAS ACCESSIBILITY STANDARDS
3. ALL LOCATIONS OF ELECTRICAL DEVICES, FIRE ALARM DEVICES, SECURITY DEVICES AND ACCESS PANELS SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4. CONTRACTOR TO VERIFY ALL OPENING MEASUREMENTS IN FIELD PRIOR TO INSTALLATION.
5. EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED.
6. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.

**KEYNOTE LEGEND**

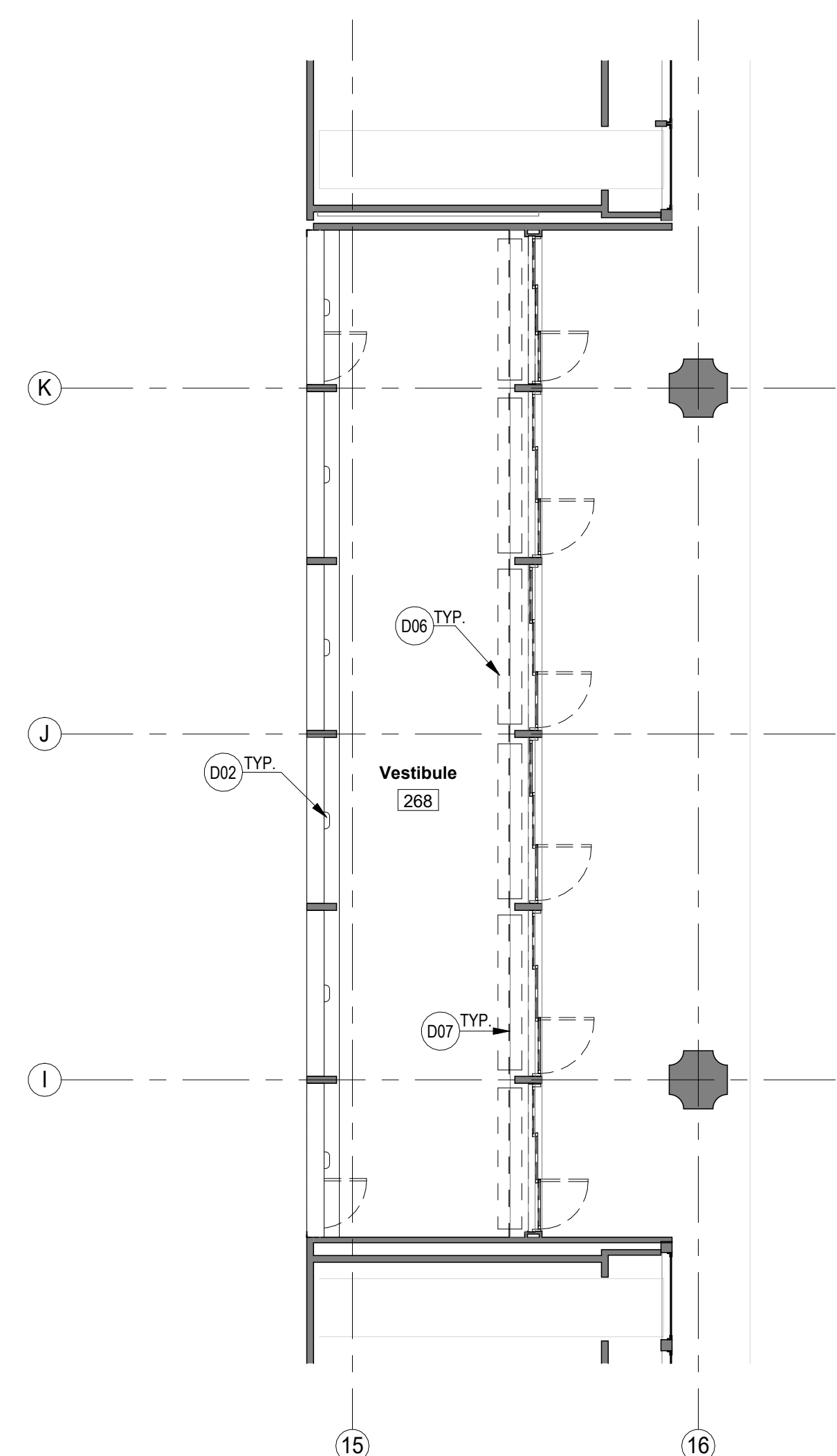
KEY VALUE	KEYNOTE TEXT
C01	PROVIDE GYP FUR DOWN TO MATCH EXISTING CONDITION OF ADJACENT EXISTING OPENINGS.
C02	NEW AIR CURTAIN, REFER TO MECHANICAL DRAWINGS.
C03	CLEAN CEILING; REPLACE DAMAGED TILES WITH NEW AS REQUIRED. GYPSUM CEILING SURFACES TO BE CLEANED AND PAINTED IN VESTIBULE.
C04	CLEAN EXISTING CURTAIN WALL MULLIONS IN VESTIBULE.
C05	PAINT HEADER ABOVE DOORS AND OPENINGS.
C06	NEW CEILING FRAMING TO ATTACH TO EXISTING HEADER AND WALL FRAMING. DEMO EXISTING FINISH AS REQUIRED AND PATCH, REPAIR AND PAINT.
D01	REPAIR EXISTING WALLS; REMOVE HARDWARE, PATCH HOLES, AND REPAIR. REPLACE DAMAGED CORNER TRIM AS REQUIRED.
D02	REMOVE ABANDONED DOOR SENSORS ABOVE AND PATCH, REPAIR, AND REPAIR WALLS.
D03	REMOVE THRESHOLD AND PREP FLOOR FOR TERRAZZO INFILL.
D04	DEMOLISH EXISTING SLIDING DOOR.
D05	EXISTING EXTERIOR SLIDING DOORS TO BE REPLACED.
D06	DEMO AIR CURTAIN AND PREP FOR INSTALLATION OF NEW AIR CURTAINS. REFER TO MECHANICAL DRAWINGS.
D07	DEMO SLOT DIFFUSERS ABOVE AND REPLACE WITH NEW. REFER TO MECHANICAL DRAWINGS.
P01	SCHEDULED TERRAZZO FLOORING, REFER TO B2/A-501.
P02	REPAIR AND PAINT DIVIDER WALLS, TYP. AT EXTERIOR AND INTERIOR OF VESTIBULE.
P03	PAINT VESTIBULE WALLS AND BUMPER RAILS, MATCH EXISTING COLOR AND FINISH.
P04	REPAIR AND REFINISH CONCRETE COLUMN AS REQUIRED.
P07	NEW BUMPER RAIL TO MATCH EXISTING, PROVIDE FIRE-TREATED BLOCKING IN WALL FOR INSTALLATION AND SUPPORT.



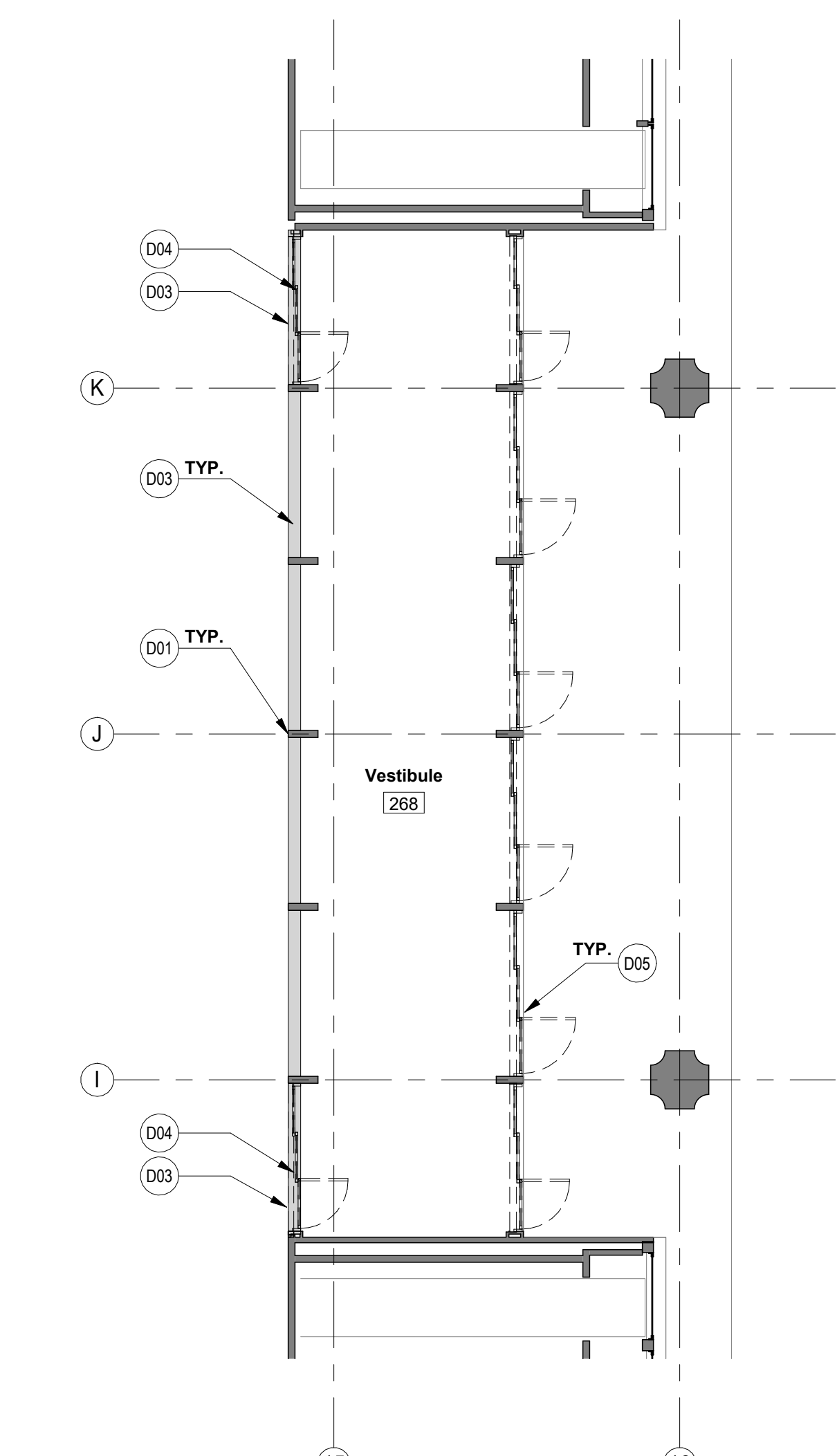
**A3 ENLARGED RCP**  
SCALE: 1/8" = 1'-0"



**C3 ENLARGED FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**A1 ENLARGED DEMO RCP**  
SCALE: 1/8" = 1'-0"



**C1 ENLARGED DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"

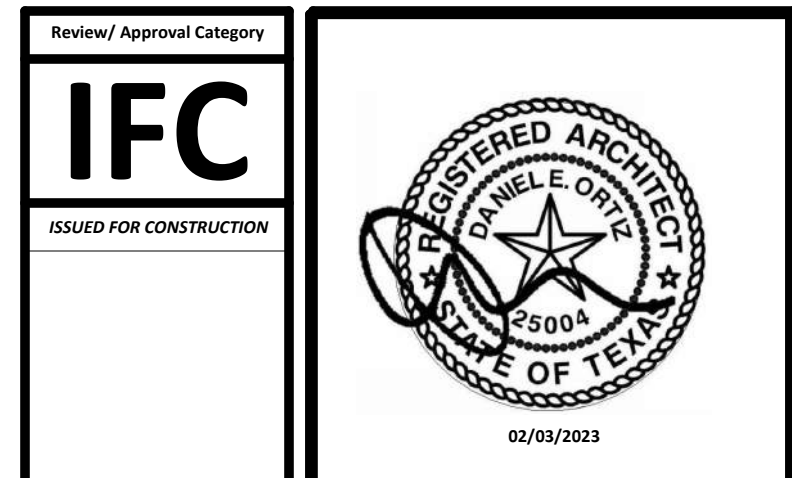
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**REVISIONS**

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: \_\_\_\_\_ DY  
 DRAWN BY: \_\_\_\_\_ DY  
 CHECKED BY: \_\_\_\_\_ SD  
 ISSUE DATE: 02/03/2023  
 APPROVED BY: \_\_\_\_\_ DO  
 APPROVAL DATE: 02/03/2023

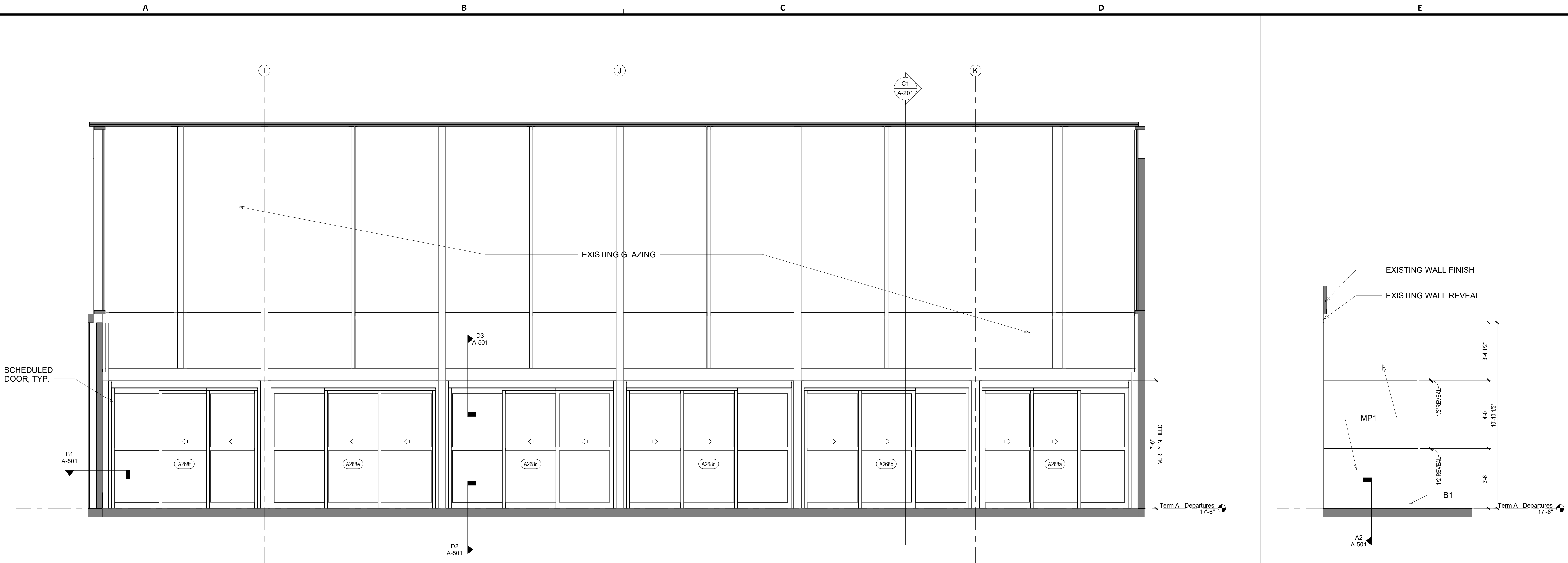
DIRECTOR  
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HOUSTON AIRPORT SYSTEM



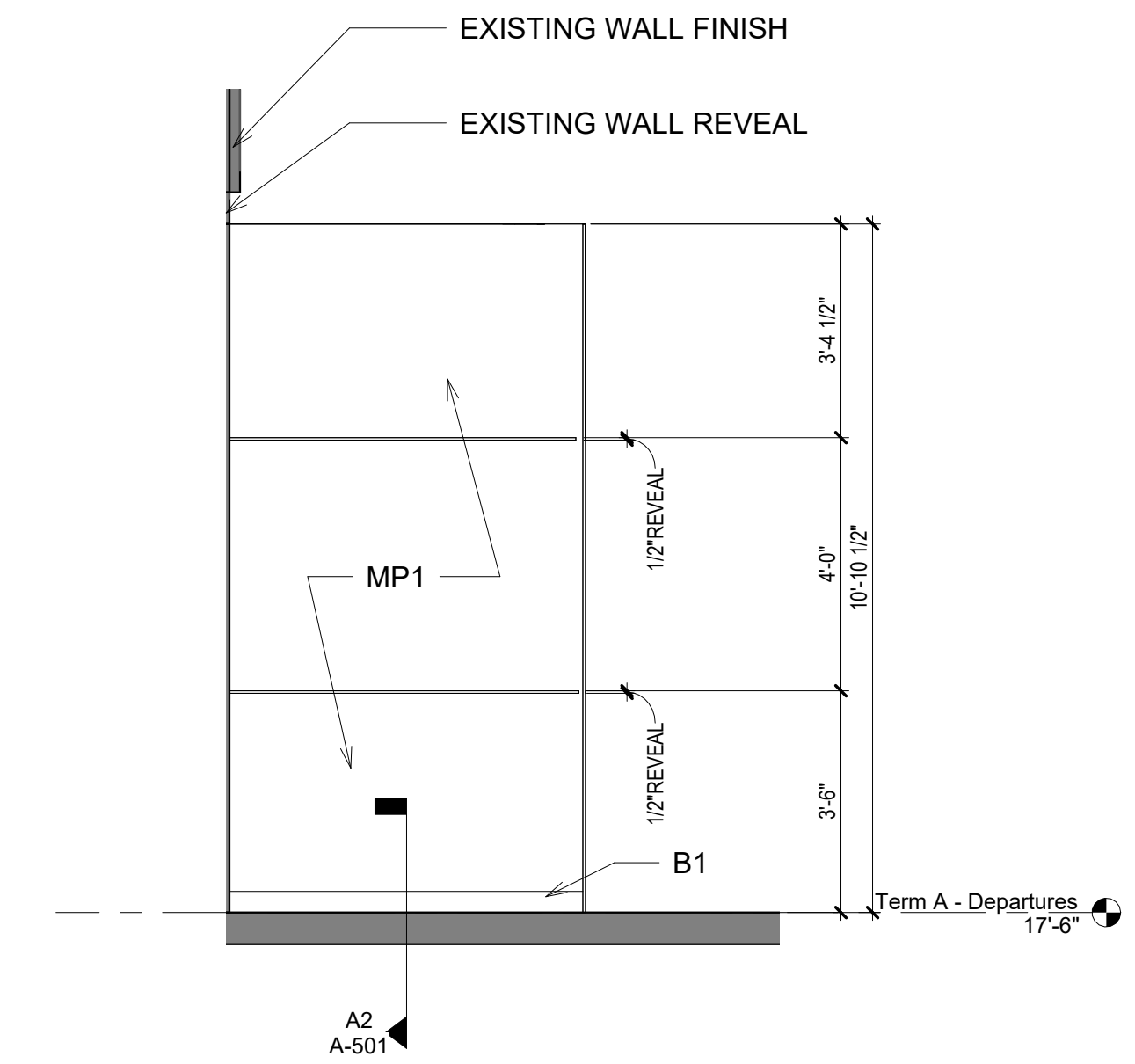
SHEET NAME: ELEVATIONS

SHEET No. A-200 SCALE: 3/8" = 1'-0"

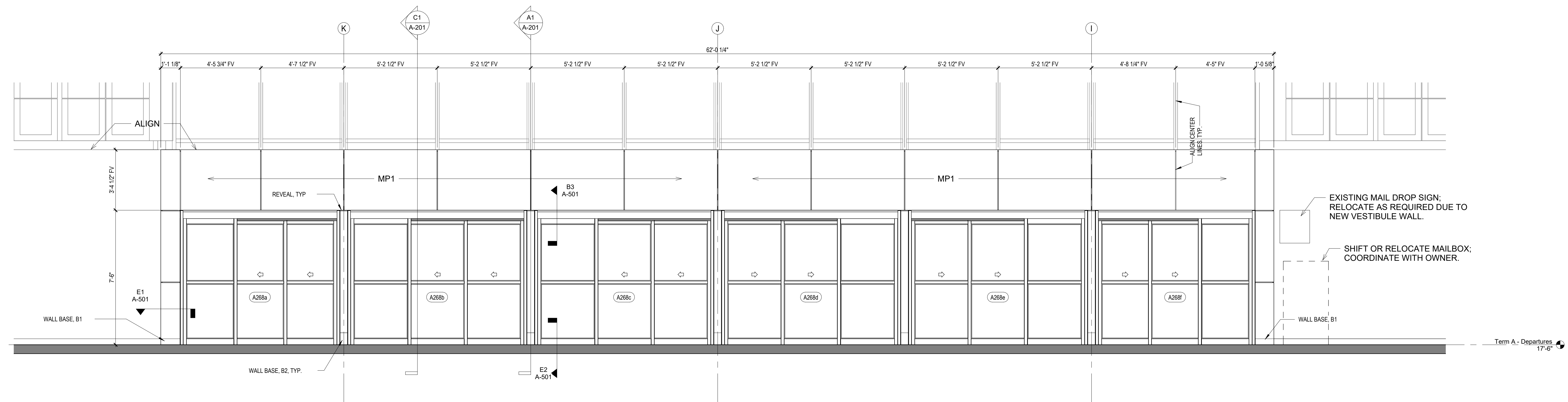
SHEET SIZE: 30"x42" ARCH E1



**A3 EXTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"



**E3 VESTIBULE SIDE ELEVATION**  
SCALE: 3/8" = 1'-0"



**A1 VESTIBULE INTERIOR ELEVATION**  
SCALE: 3/8" = 1'-0"

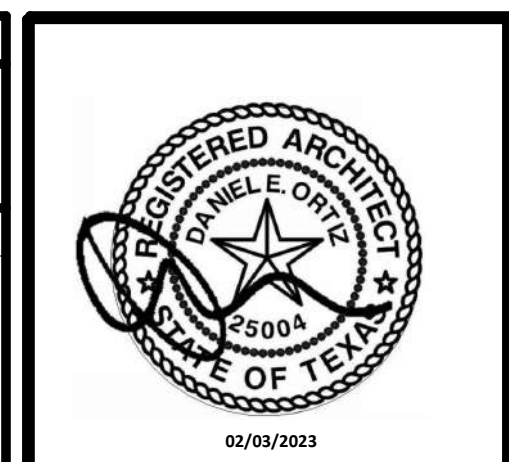
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 HAS FILE: \_\_\_\_\_

**REVISIONS**

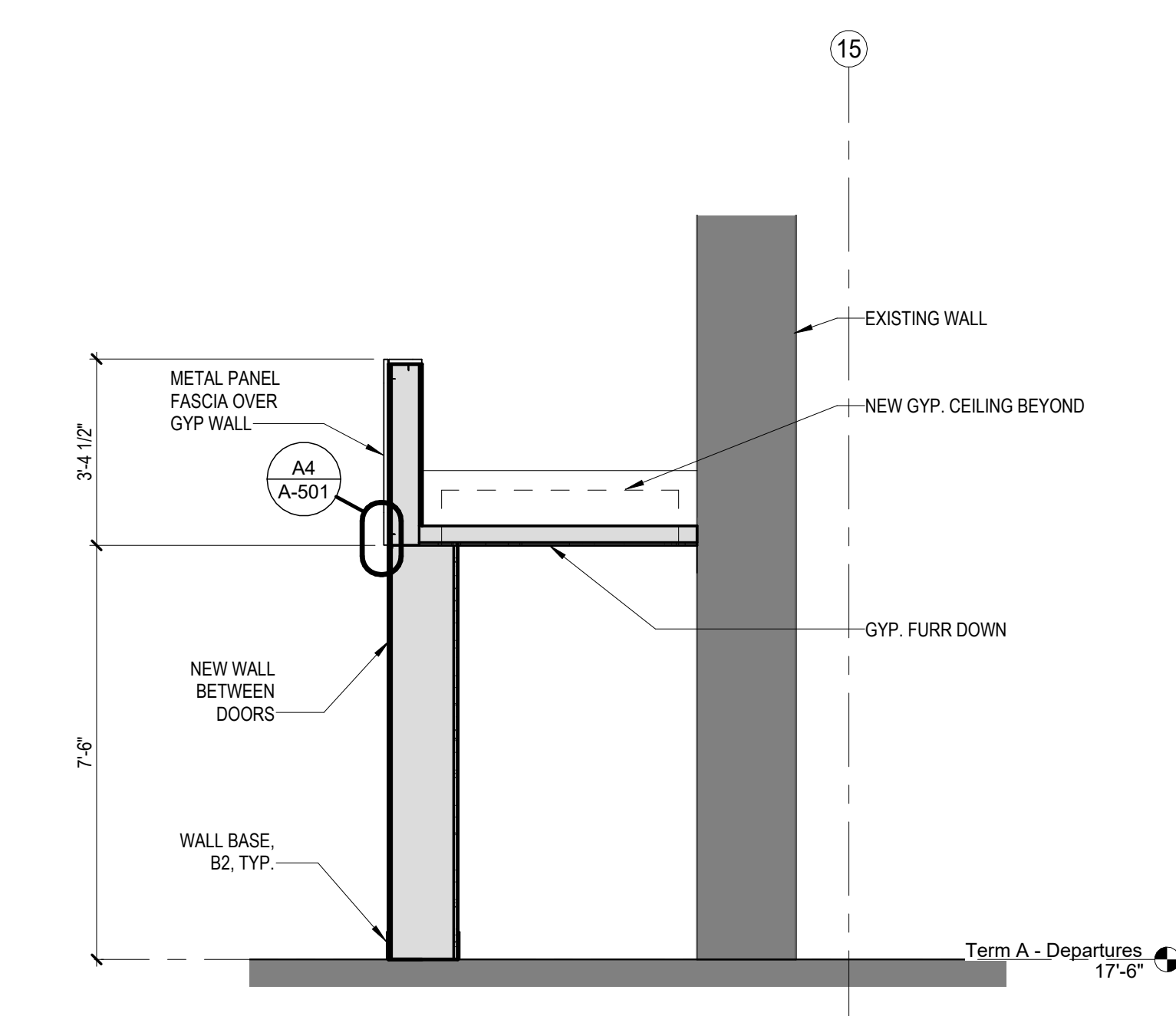
No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

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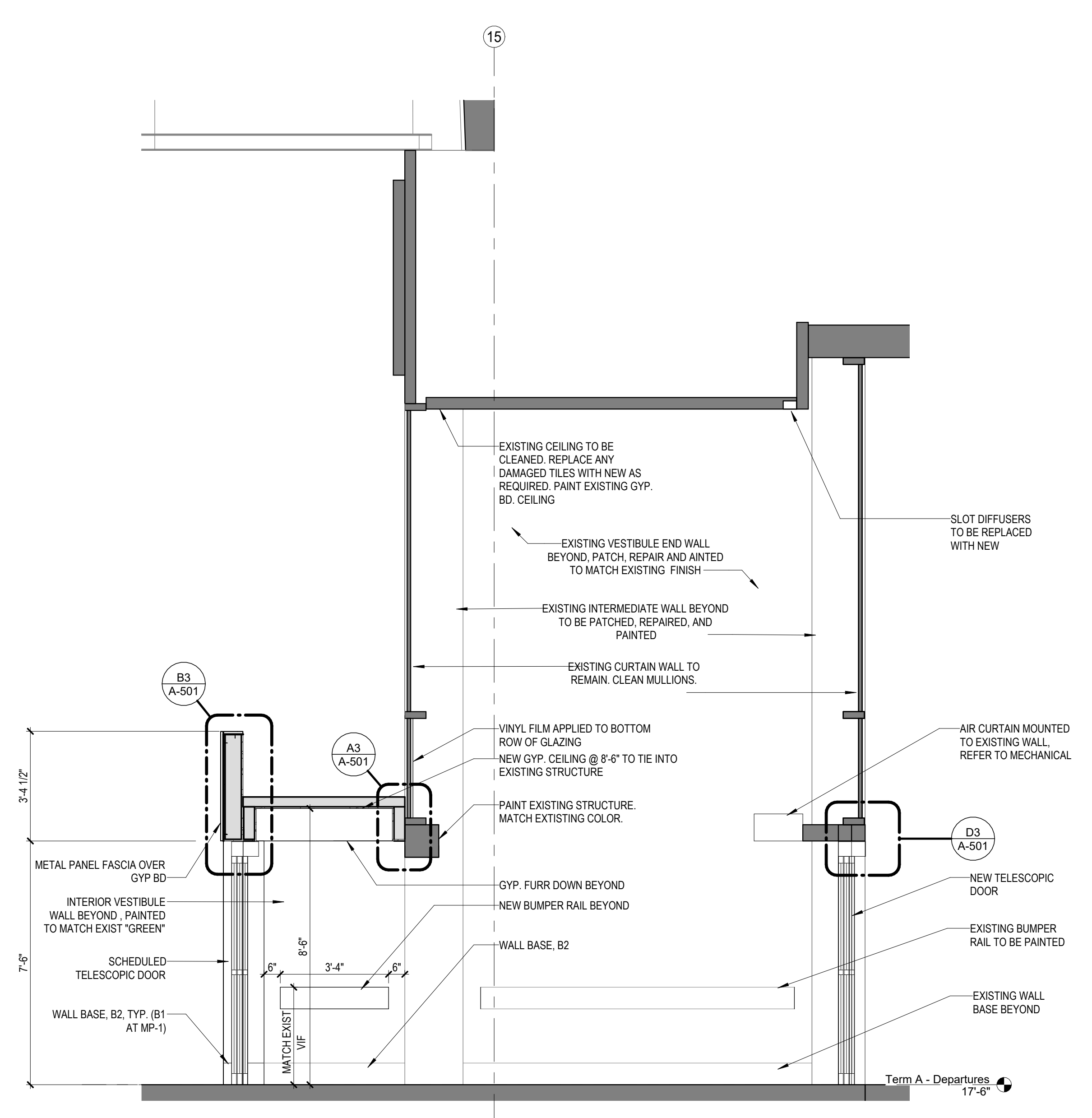
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PLOT DATE: \_\_\_\_\_  
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 PLOT DATE: \_\_\_\_\_  
 HAS FILE: \_\_\_\_\_  
 FILE PATH: AutodesK Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt



**A1 VESTIBULE CROSS SECTION AT WALL**  
SCALE: 3/8" = 1'-0"

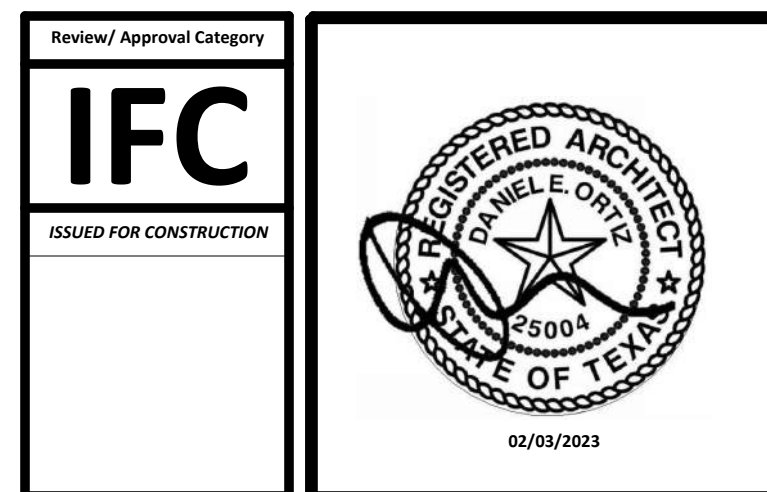


**C1 VESTIBULE CROSS SECTION AT DOOR**  
SCALE: 3/8" = 1'-0"

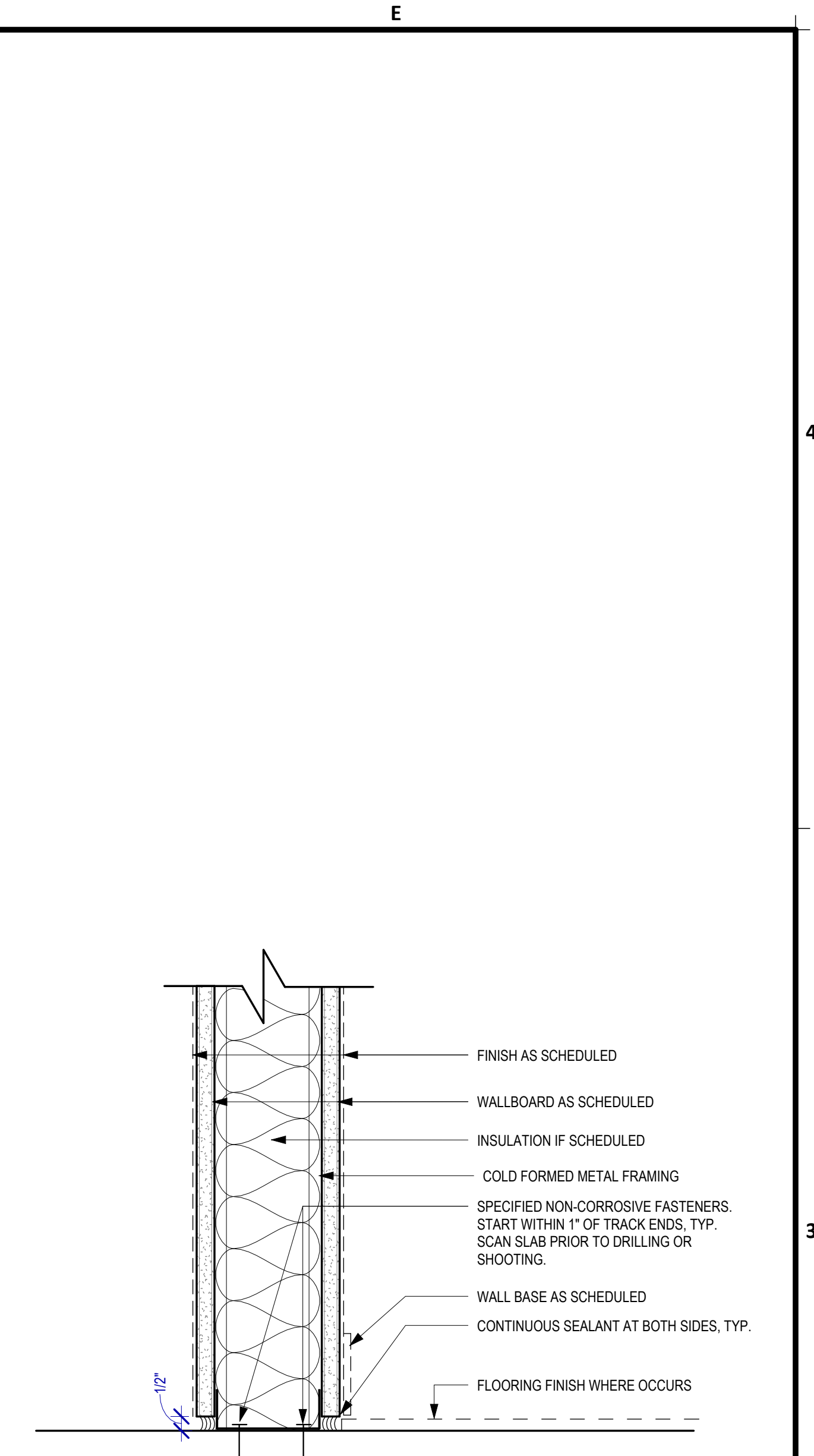
REVISIONS		
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90%	CD	01/08/2021 SD
	ISSUE FOR PERMIT	04/20/2021 SD
	ISSUE FOR CONSTRUCTION	02/03/2023 SD

DESIGN BY:	DY
DRAWN BY:	DY
CHECKED BY:	SD
ISSUE DATE:	02/03/2023
APPROVED BY:	DO
APPROVAL DATE:	02/03/2023

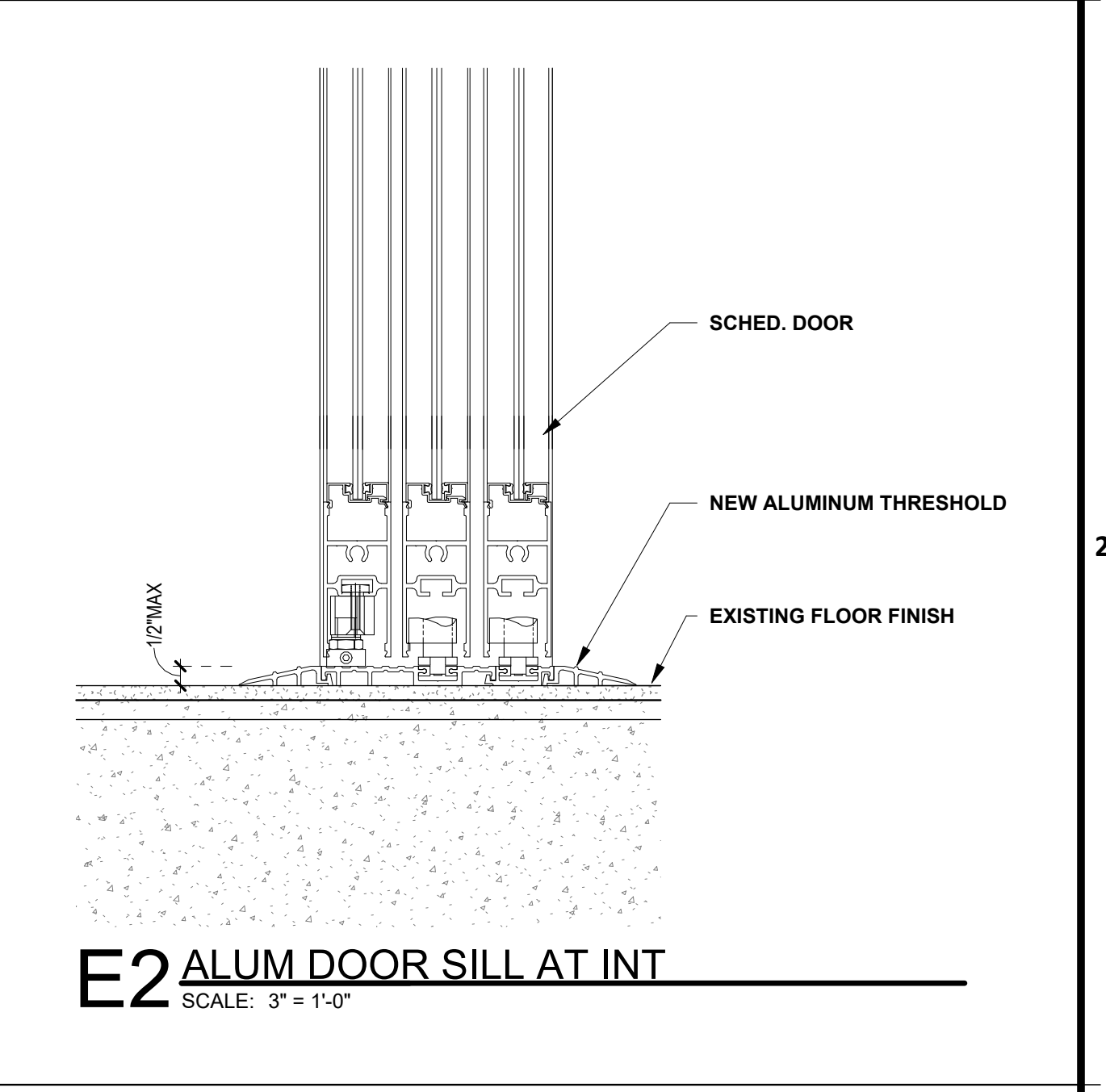
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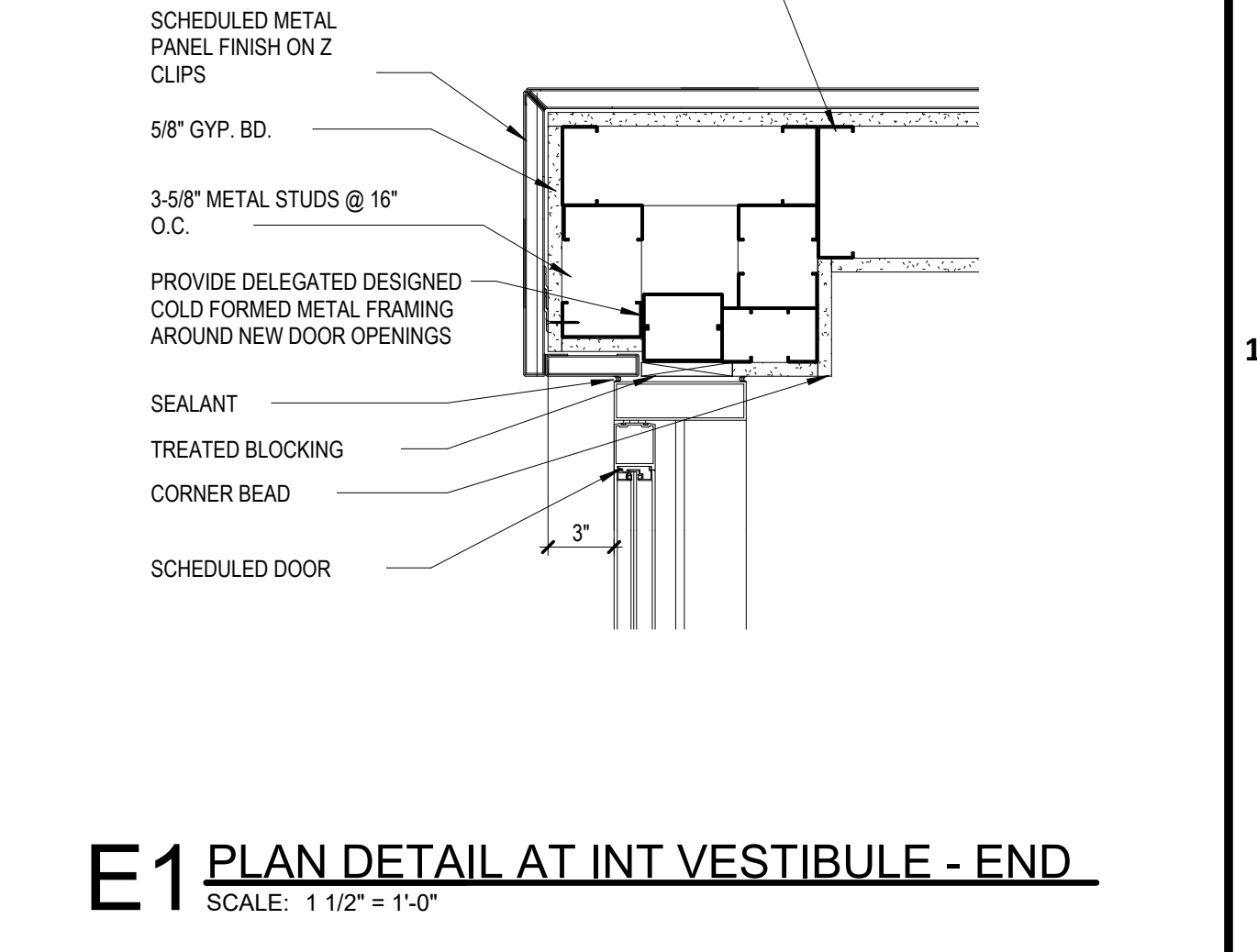
SHEET NAME:	DETAILS
SHEET No.:	A-501
SCALE:	As indicated



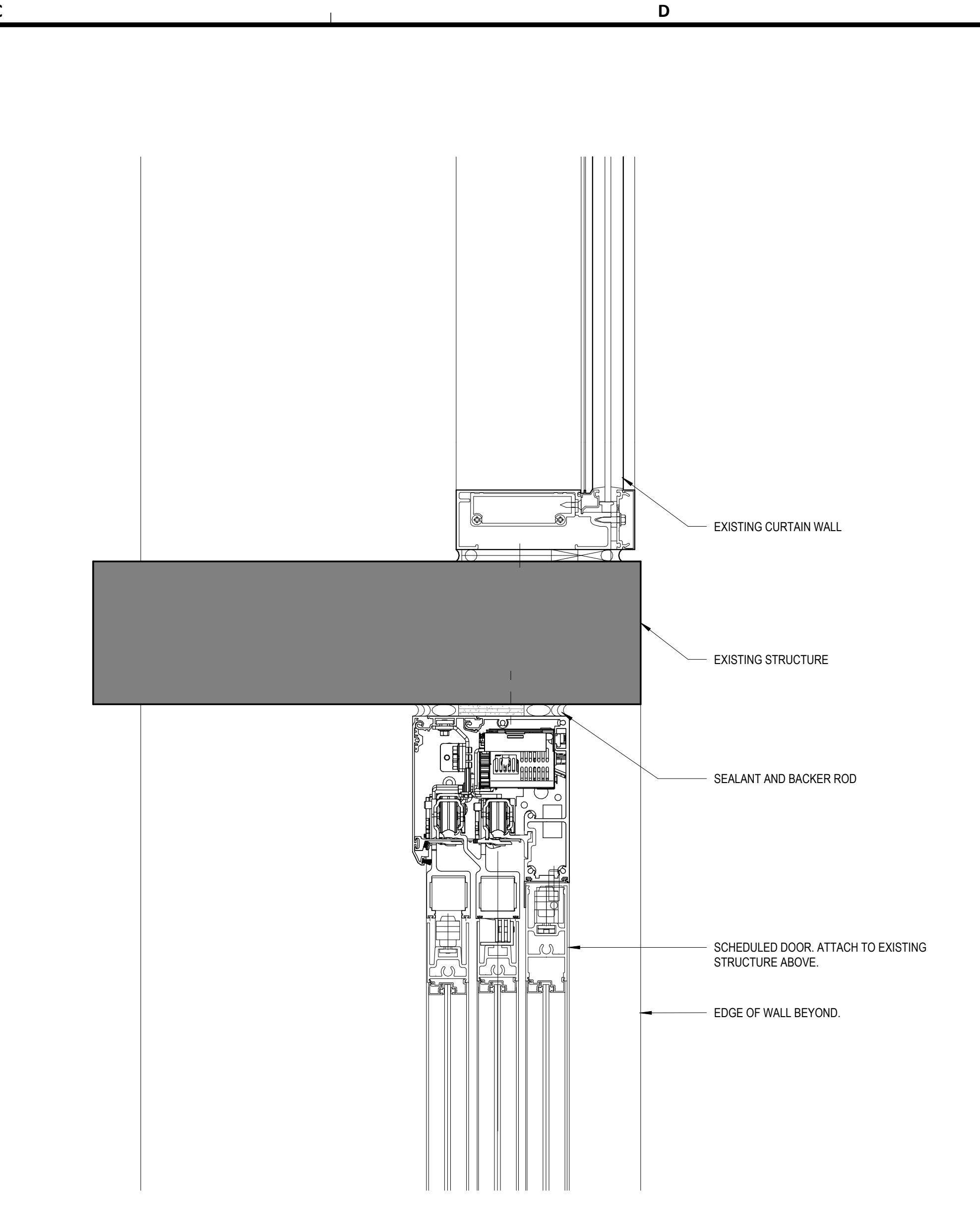
**E3 TYPICAL BASE DETAIL**  
SCALE: 3" = 1'-0"



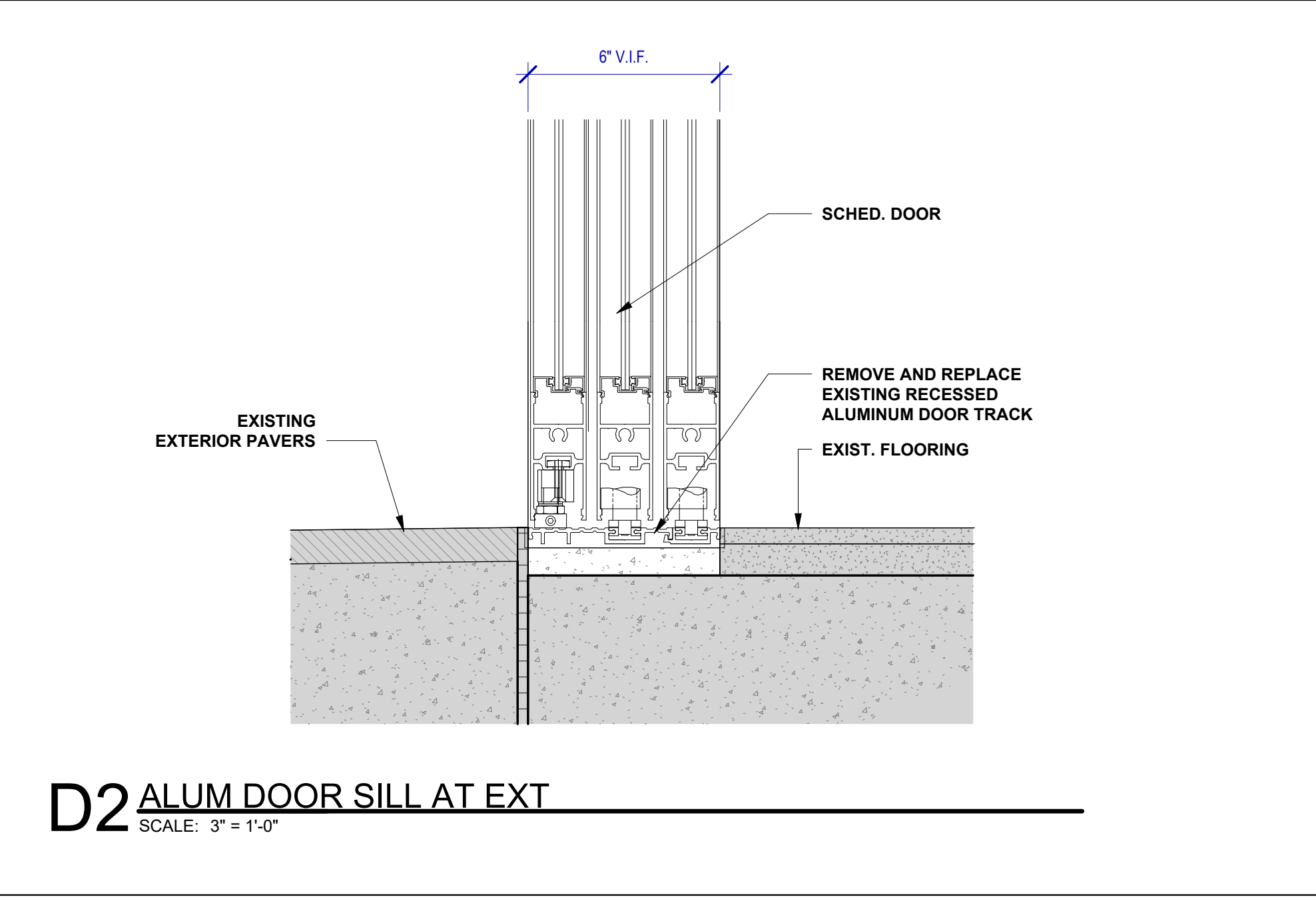
**E2 ALUM DOOR SILL AT INT**  
SCALE: 3" = 1'-0"



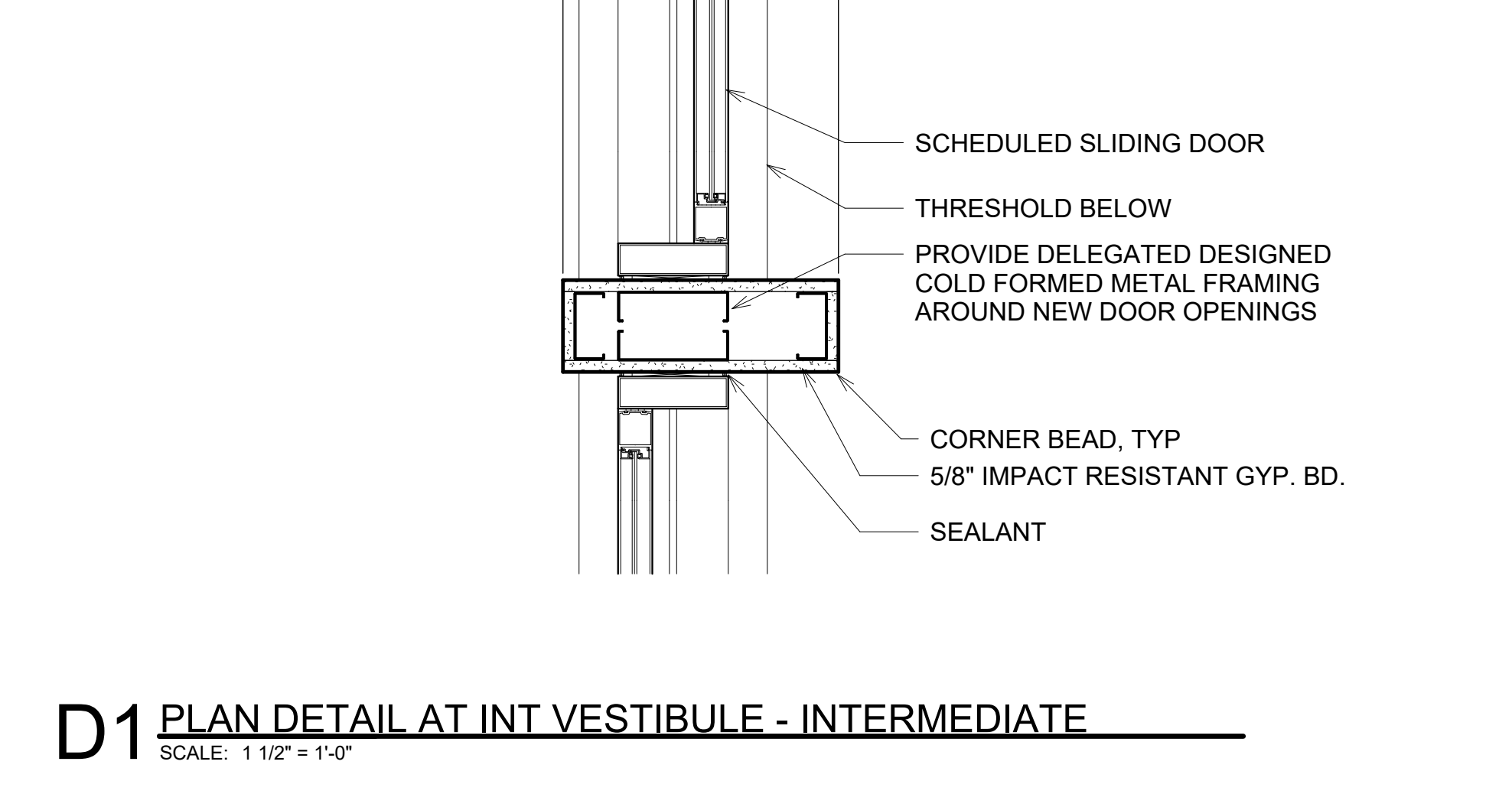
**E1 PLAN DETAIL AT INT VESTIBULE - END**  
SCALE: 1 1/2" = 1'-0"



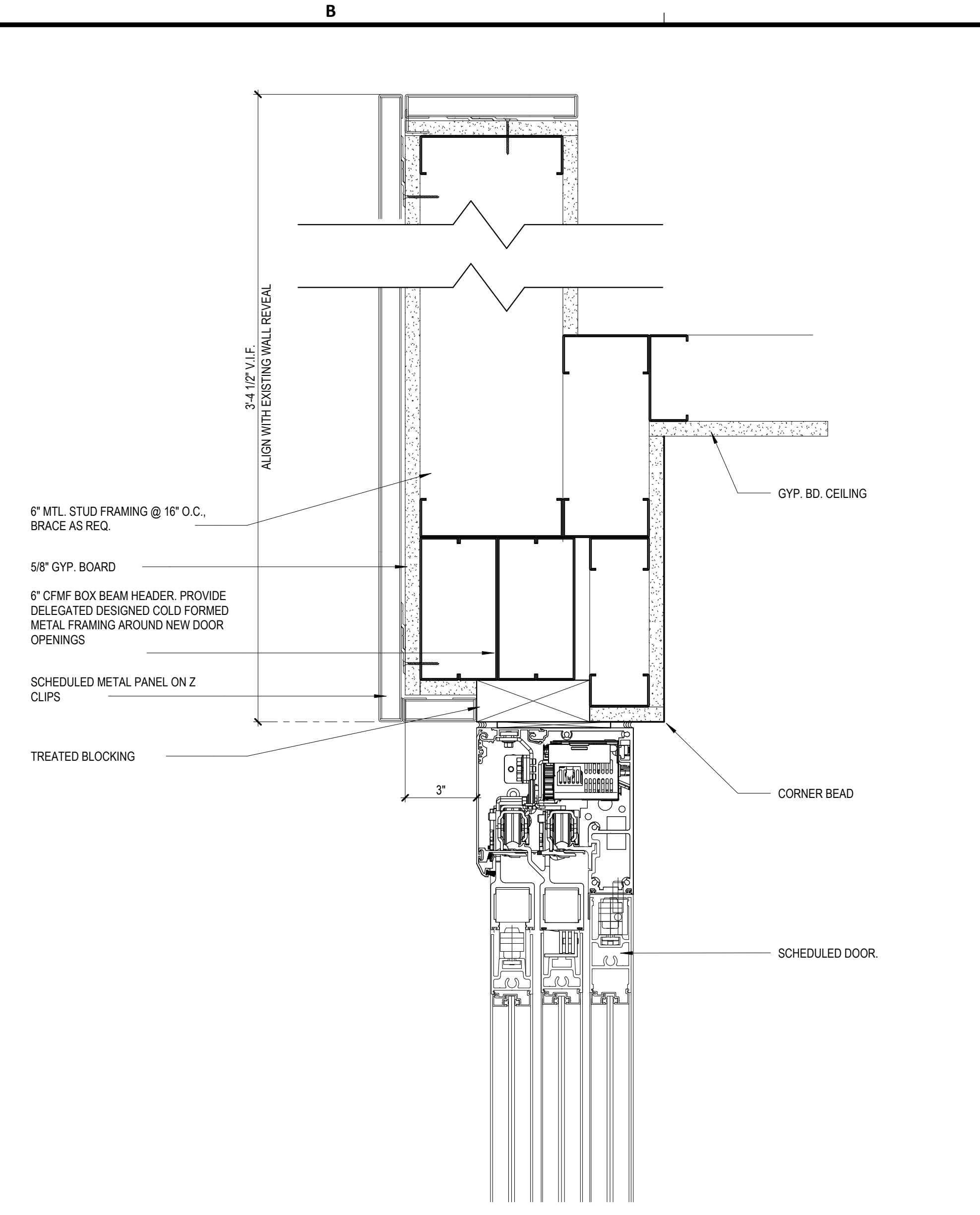
**D3 EXTERIOR HEAD DETAIL @ DOOR**  
SCALE: 3" = 1'-0"



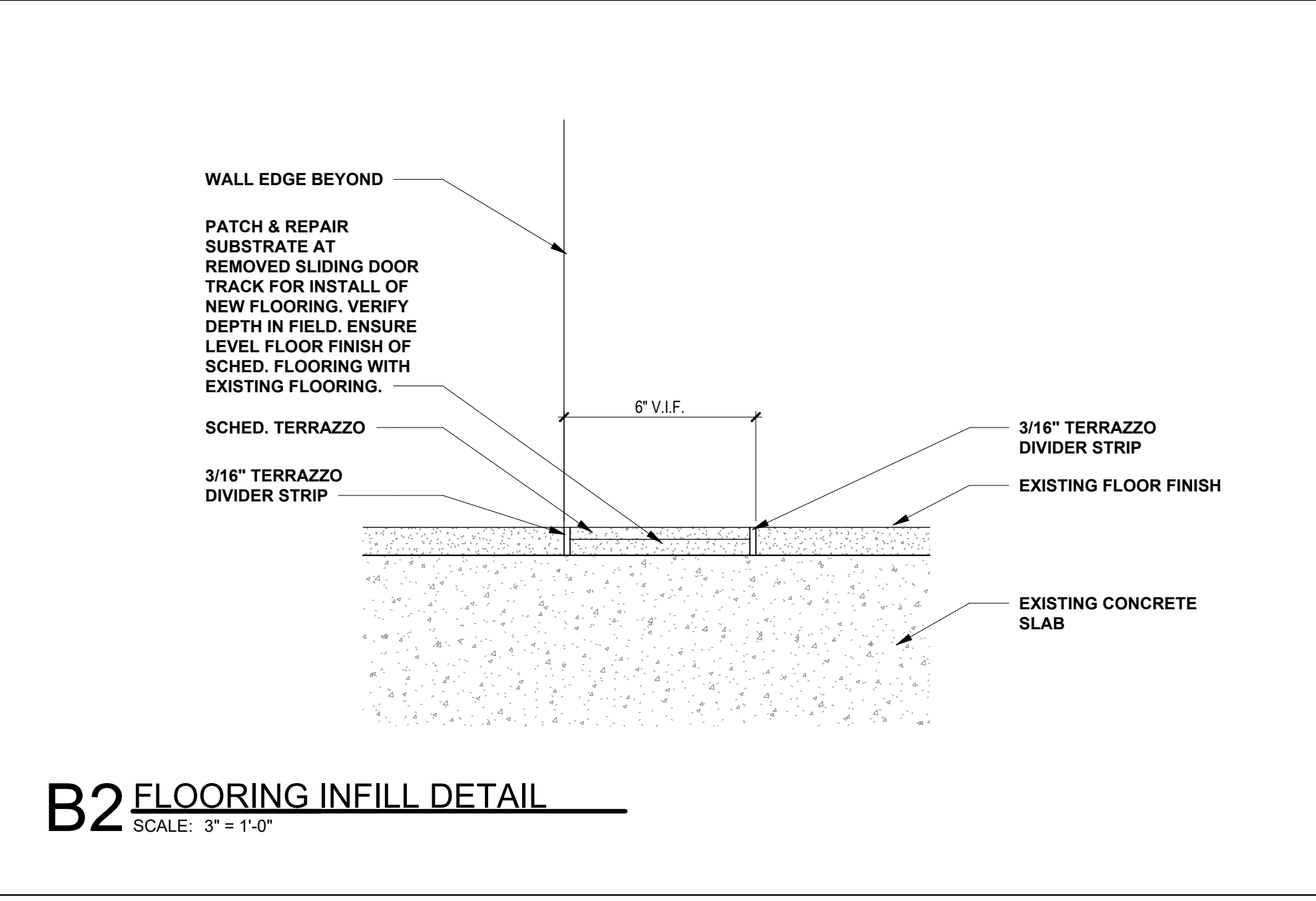
**D2 ALUM DOOR SILL AT EXT**  
SCALE: 3" = 1'-0"



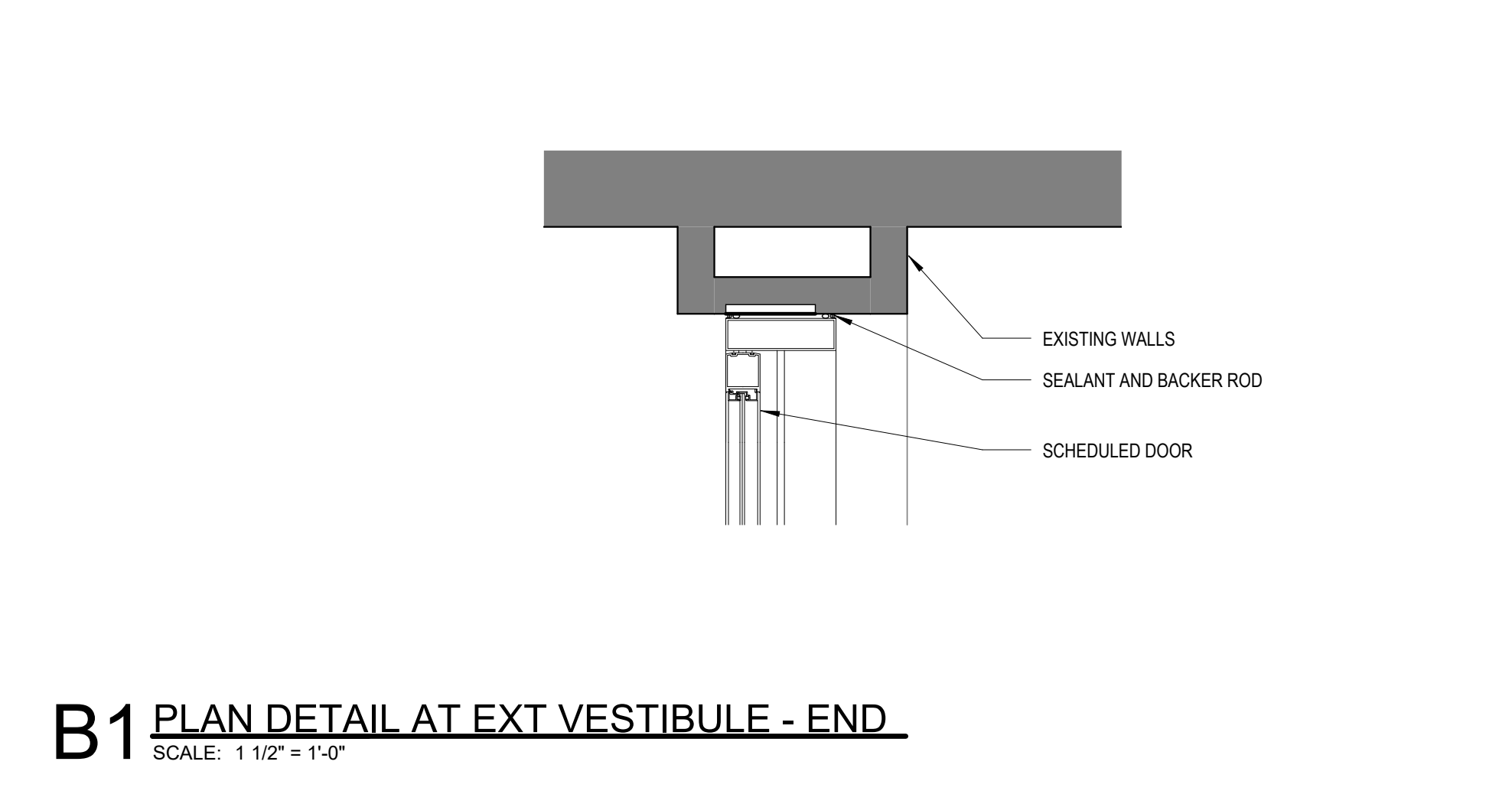
**D1 PLAN DETAIL AT INT VESTIBULE - INTERMEDIATE**  
SCALE: 1 1/2" = 1'-0"



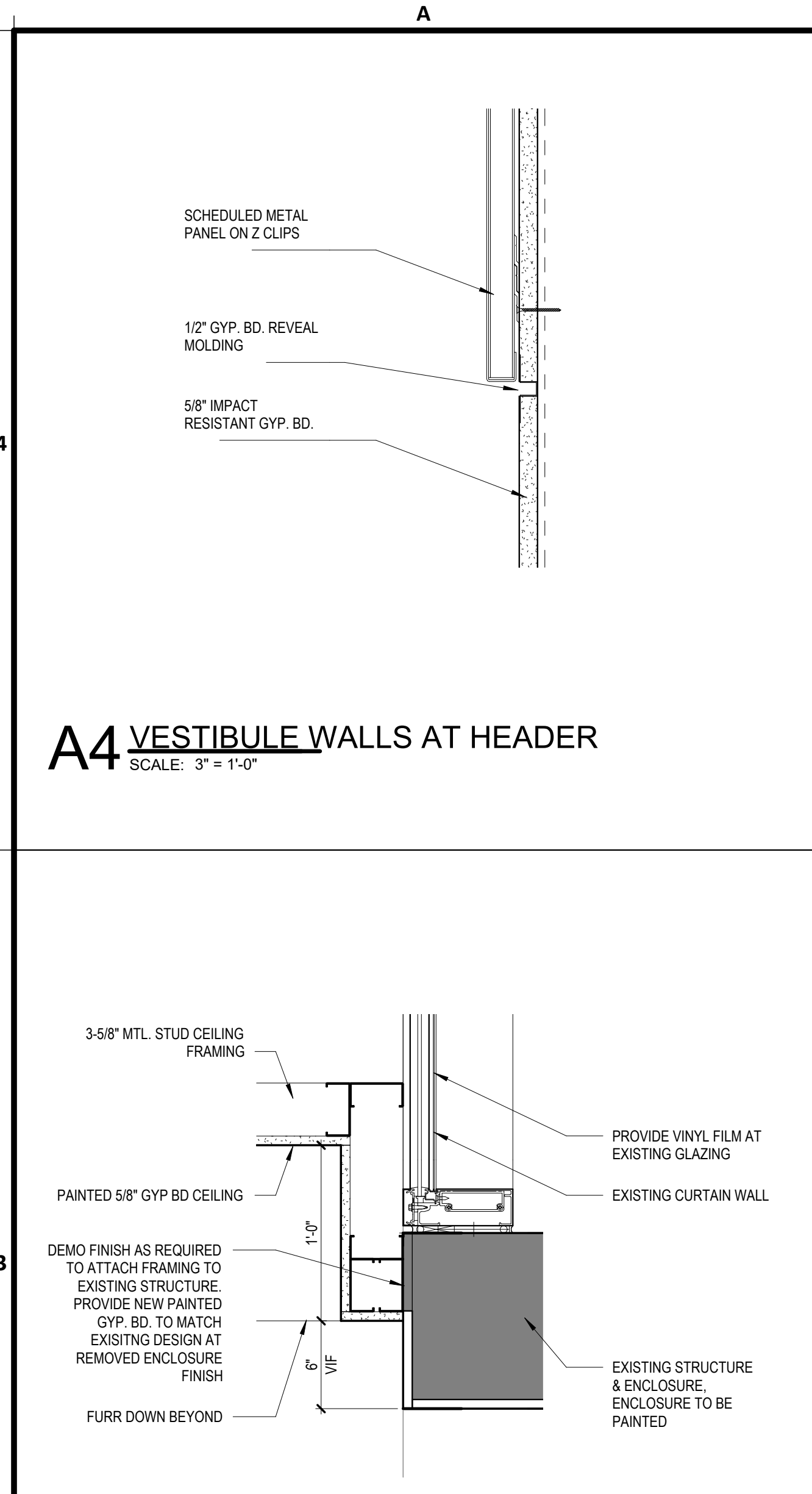
**B3 INTERIOR HEAD DETAIL @ DOOR**  
SCALE: 3" = 1'-0"



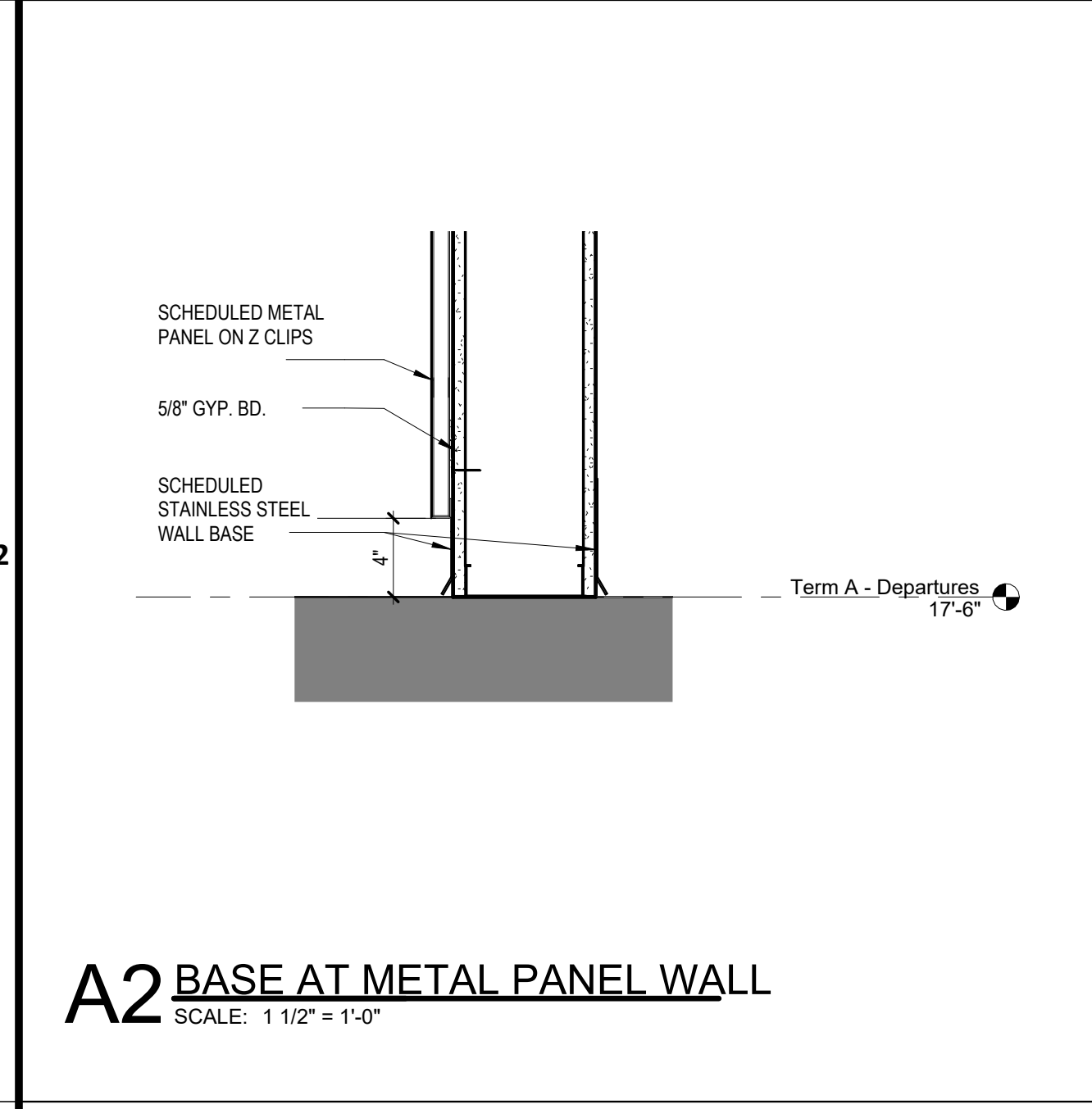
**B2 FLOORING INFILL DETAIL**  
SCALE: 3" = 1'-0"



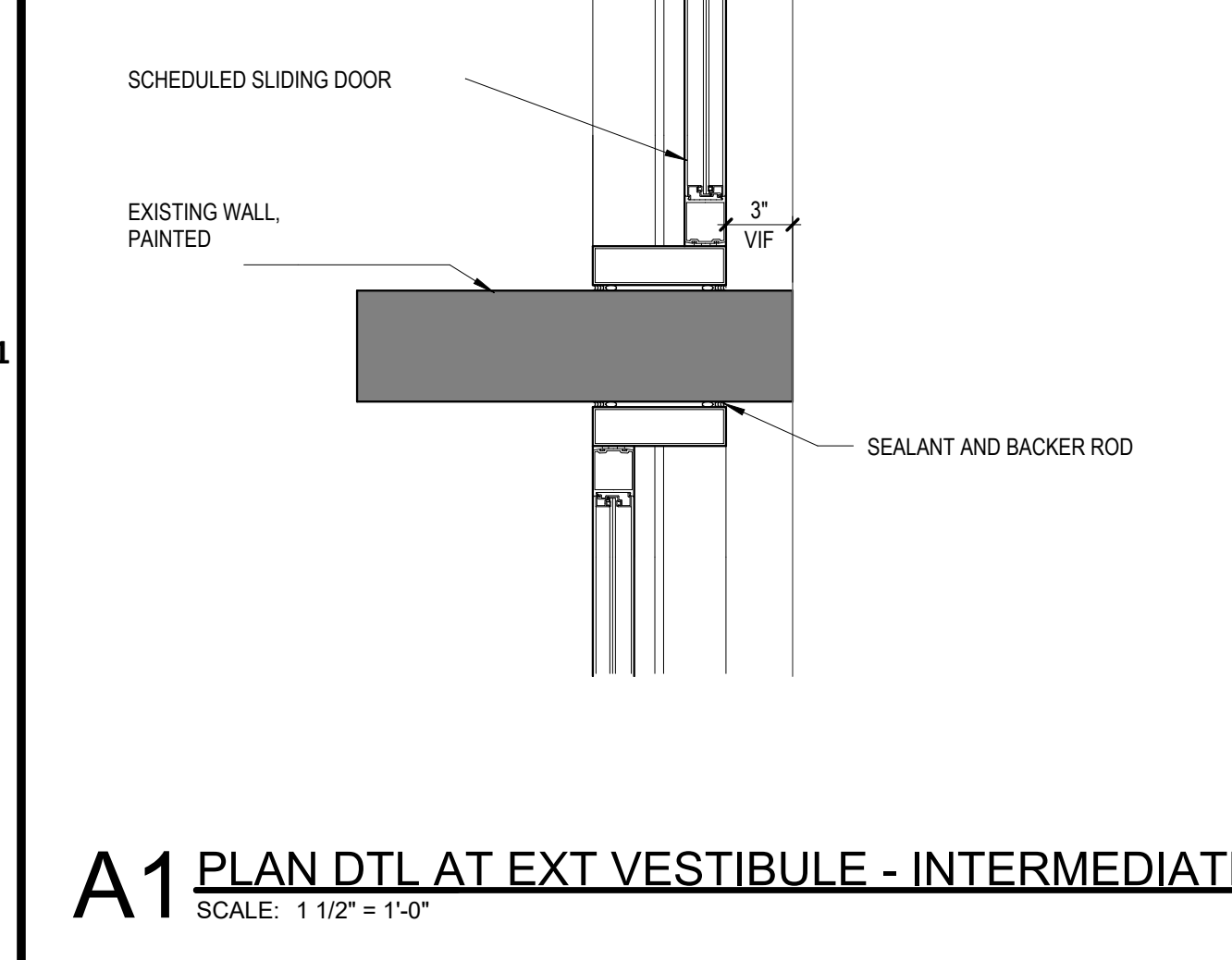
**B1 PLAN DETAIL AT EXT VESTIBULE - END**  
SCALE: 1 1/2" = 1'-0"



**A4 VESTIBULE WALLS AT HEADER**  
SCALE: 3" = 1'-0"



**A2 BASE AT METAL PANEL WALL**  
SCALE: 1 1/2" = 1'-0"



**A1 PLAN DTL AT EXT VESTIBULE - INTERMEDIATE**  
SCALE: 1 1/2" = 1'-0"

FILE PATH: Autodesk Docs://1429.02\_Terminal A Door Replacement\_Departures/1429.02\_TerminalA\_Doors\_Departure\_Level.rvt  
HAS FILE:  
PLOT DATE:  
DOA DWG FILE:  
OLD DOA No.:

## MATERIALS & FINISH KEY

GENERAL NOTE - MATERIALS & FINISHES ARE INTENDED TO MATCH EXISTING

### GLAZING

- GL1 1/2" STRENGTHENED SAFETY GLAZING- INTERIOR USE  
 GL2 1" INSULATED SAFETY GLAZING- EXTERIOR USE

### SEALANT

- S1 GRAY

NOTE: VERIFY ALL SEALANT AND CAULK COLORS AND LOCATIONS IN THE FIELD WITH ARCHITECT

### PAINT

- P1 TO MATCH EXISTING WALL AND CEILING COLOR AND FINISH

### METAL PANEL

- MP1 BASIS OF DESIGN:  
 MANUFACTURER - GORDON, WALL SYSTEMS - SMOOTH ALUMINUM, FINISH TBD

### TERRAZZO

- T1 MATCH EXISTING ADJACENT "WHITE" TERRAZZO FLOORING  
 T2 MATCH EXISTING ADJACENT "GREY" TERRAZZO FLOORING

### BASE

- B1 4" STAINLESS STEEL, #4 SATIN POLISH 16 GA  
 B2 STAINLESS STEEL, #4 SATIN POLISH 16 GA, MATCH HEIGHT OF EXISTING BASE INSIDE VESTIBULE

## DOOR SCHEDULE

MARK	LOCATION	GLAZING TYPE	DOOR FRAME			MATERIAL	FINISH	DETAILS			REMARKS
			HEIGHT	WIDTH	L			JAMB	HEAD	THRESHOLD	
A268a	Vestibule - Interior	GL1	7'-6"	8'-11"	ALUM	Clear Anodized	D1 & E1 / A-501	B3 / A-501	E2 / A-501	1	
A268a	Vestibule - Exterior	GL2	7'-6"	8'-11"	ALUM	Clear Anodized	A1 & B1 / A-501	D3 / A-501	D2 / A-501	1, 2	
A268b	Vestibule - Interior	GL1	7'-6"	10'-0"	ALUM	Clear Anodized	D1 / A-501	B3 / A-501	E2 / A-501	1	
A268b	Vestibule - Exterior	GL2	7'-6"	10'-0"	ALUM	Clear Anodized	A1 / A-501	D3 / A-501	D2 / A-501	1, 2	
A268c	Vestibule - Interior	GL1	7'-6"	10'-0"	ALUM	Clear Anodized	D1 / A-501	B3 / A-501	E2 / A-501	1	
A268c	Vestibule - Exterior	GL2	7'-6"	10'-0"	ALUM	Clear Anodized	A1 / A-501	D3 / A-501	D2 / A-501	1, 2	
A268d	Vestibule - Interior	GL1	7'-6"	10'-0"	ALUM	Clear Anodized	D1 / A-501	B3 / A-501	E2 / A-501	1	
A268d	Vestibule - Exterior	GL2	7'-6"	10'-0"	ALUM	Clear Anodized	A1 / A-501	D3 / A-501	D2 / A-501	1, 2	
A268e	Vestibule - Interior	GL1	7'-6"	10'-0"	ALUM	Clear Anodized	D1 / A-501	B3 / A-501	E2 / A-501	1	
A268e	Vestibule - Exterior	GL2	7'-6"	10'-0"	ALUM	Clear Anodized	A1 / A-501	D3 / A-501	D2 / A-501	1, 2	
A268f	Vestibule - Interior	GL1	7'-6"	8'-11"	ALUM	Clear Anodized	D1 & E1 / A-501	B3 / A-501	E2 / A-501	1	
A268f	Vestibule - Exterior	GL2	7'-6"	8'-11"	ALUM	Clear Anodized	A1 & B1 / A-501	D3 / A-501	D2 / A-501	1, 2	

## DOOR GENERAL NOTES

- ALL UNDERCUT DOOR REQUIREMENTS FOR VARIOUS FLOOR FINISHES SHALL BE VERIFIED AND COORDINATED BY THE CONTRACTOR.
- ALL DOOR OPENINGS, FRAMES, AND HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.
- COORDINATE ALL DOORS AND DETAILS TO PROVIDE ADEQUATE CLEARANCE AND FRAME REINFORCEMENT FOR HARDWARE TYPES.
- DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE LOCATED 4" FROM THE FINISHED WALL TO OUTSIDE OF FINISHED JAMB.

## DOOR SCHEDULE REMARKS LEGEND

- BASIS OF DESIGN ASSA ABLOY BESAM SL500 AUTOMATIC TELESCOPIC SLIDING DOOR
- FIELD VERIFY EXISTING DOOR OPENINGS

## MATERIALS AND FINISHES GENERAL NOTES

- WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS.
- INTERIOR WALL FINISHES ARE REFERENCED FROM THE INTERIOR ELEVATIONS.
- INTERIOR FLOOR FINISHES ARE REFERENCED FROM THE FLOOR PLANS.
- INTERIOR CEILING FINISHES ARE REFERENCED FROM THE REFLECTED CEILING PLANS.
- EXTERIOR BUILDING FINISHES ARE REFERENCED FROM THE BUILDING ELEVATIONS.
- WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
- ALL INTERIOR PAINT SHEENS TO BE EGGSHELL UNLESS OTHERWISE NOTED.



2800 N. TERMINAL RD.  
 HOUSTON, TEXAS 77032

### IAH TERMINAL A - VESTIBULE EFFICIENCY UPGRADES DEPARTURES LEVEL

C.I.P. No. PN257B A.I.P. No.  
 C.O.H. No. D.O.A. No.

### RDLR Architects ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104 713.868.3121  
 Houston, TX 77003 www.rdlr.com

DESIGNER PROJECT No.: 1429.02  
 PROJECT STATUS: 100% CD

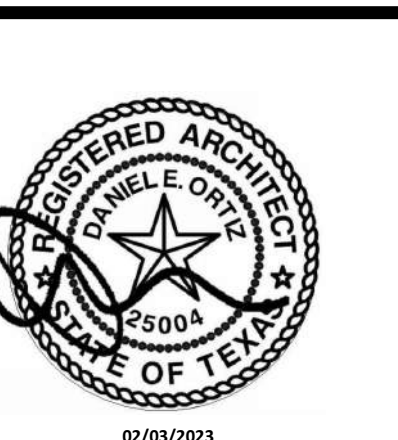
### REVISIONS

No.	DESCRIPTION	DATE	BY
90%	CD	01/08/2021	SD
	ISSUE FOR PERMIT	04/20/2021	SD
	ISSUE FOR CONSTRUCTION	02/03/2023	SD

DESIGN BY: DY  
 DRAWN BY: DY  
 CHECKED BY: SD  
 ISSUE DATE: 02/03/2023  
 APPROVED BY: DO  
 APPROVAL DATE: 02/03/2023

DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

IFC  
 ISSUED FOR CONSTRUCTION



SHEET NAME:  
 DOOR & MATERIAL SCHEDULE AND DETAILS

SHEET No. A-610 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

ABBREV.	DESCRIPTION
&	AND
Ø	PHASE
A, AMP	AMPERES
A.I.P.	AIRPORT IMPROVEMENT PROGRAM
AIC	AMPERES INTERRUPTING CAPACITY
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
AWG	AMERICAN WIRE GAUGE
B.S.G.	BUILDING SERVICES GROUP
BH1	BREAKER
BK	INTERLOCKED ARMORED CABLE
C.I.P.	CAPITAL IMPROVEMENT PROGRAM
COH, C.O.H.	CITY OF HOUSTON
D.O.A.	DEPARTMENT OF AVIATION
DISC	DISCONNECT
EMT	ELECTRICAL METALLIC TUBING
FIS	FEDERAL INSPECTION SERVICES
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HAS, H.A.S.	HOUSTON AIRPORT SYSTEM
HT	HEIGHT, HEIGHT
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING
HZ	HERTZ
IAH	INTRACONTINENTAL AIRPORT, HOUSTON
IFP	ISSUE FOR PERMIT
ITRP	INTERNATIONAL TERMINAL REDEVELOPMENT PROGRAM
J-BOX	JUNCTION BOX
JIC	JOINT INDUSTRIAL COUNSEL
KAIC	THOUSAND AMPERES INTERRUPTING CAPACITY
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
MAX	MAXIMUM
MIN	MINIMUM
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
No.	NUMBER
NTS	NOT TO SCALE
PH	PHASE
PMT	PROJECT MANAGEMENT TEAM
PVC	POLYVINYL CHLORIDE (PLASTIC)
QA	QUALITY ASSURANCE
QC	QUALITY CONTROL
RE, REF	REFER TO, REGARDING, REFERENCE
RM	ROOM
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
THWN	THERMOPLASTIC HEAT AND WATER-RESISTANT NYLON-COATED TYPICAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT AMPERES
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE, WATTS
W	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER
Y	WYE
Y-Δ	WYE-DELTA

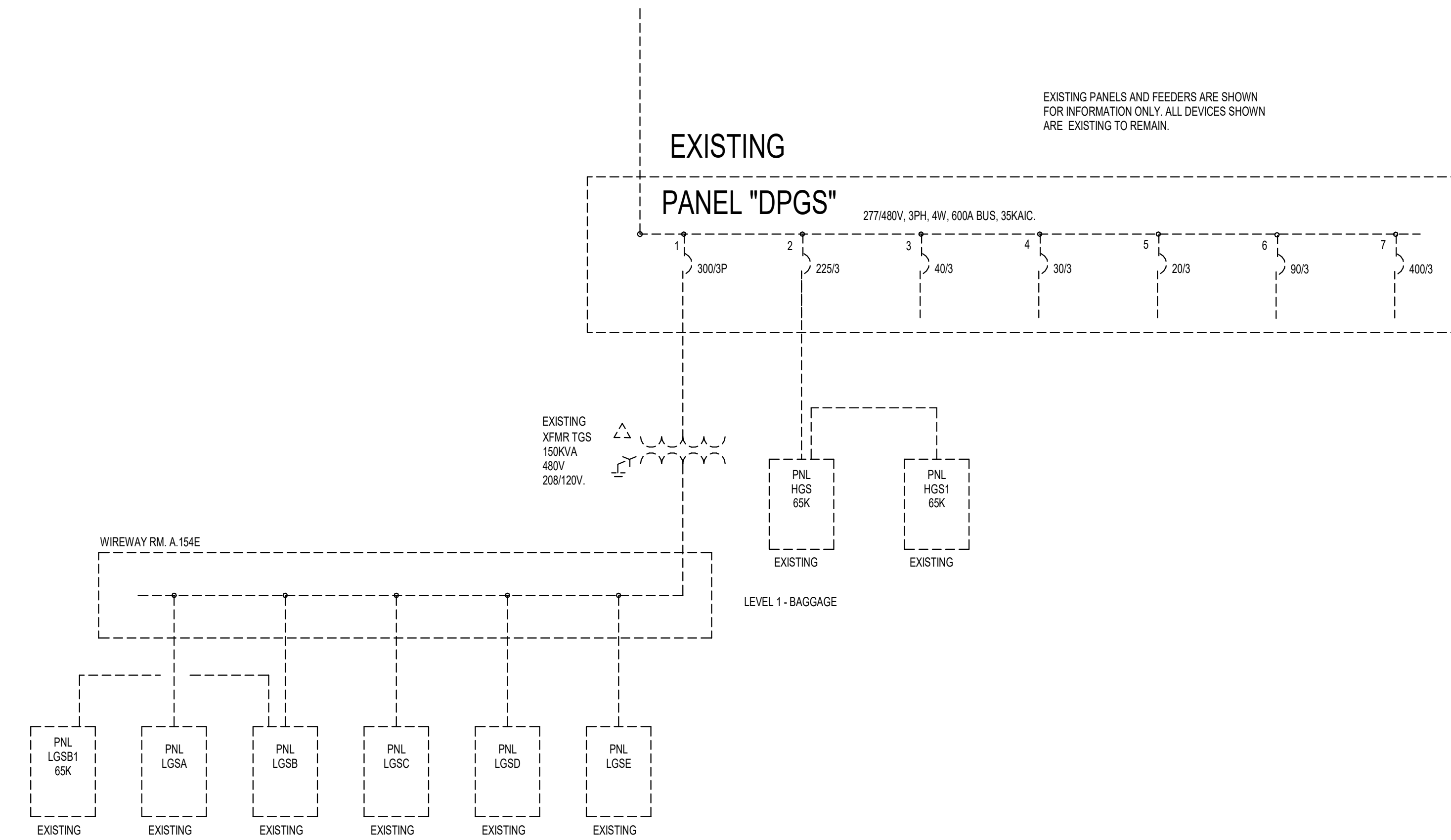
### GENERAL DEMOLITION NOTES:

- THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF DEMOLITION WORK REQUIRED AND DO NOT INDICATE EVERY PIPE, DUCT, FIXTURE OR PIECE OF EQUIPMENT THAT MUST BE REMOVED. ACCESSIBILITY OF EQUIPMENT AND SYSTEMS IS NOT SHOWN NOR SHOULD IT BE INFERRED. THE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS AND SURVEY DATA AND THEY MAY NOT REFLECT ALL ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
- CONTRACTOR SHALL FIELD VERIFY AS NECESSARY THE EXACT LOCATION OF FIXTURES, PIPING, AND EQUIPMENT TO BE REMOVED. REFER TO ARCHITECTURAL DRAWINGS FOR CLARIFICATION AS REQUIRED.
- PRIOR TO PROCEEDING WITH ANY WORK, VISIT THE SITE AND COMPARE THE EXISTING FIELD CONDITIONS TO THESE DRAWINGS. NOTIFY IMMEDIATELY THE ARCHITECT OF ANY INCONSISTENCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS. IF THE CONTRACTOR DETERMINES THAT ANY CONDITIONS EXIST THAT WILL MATERIALLY AFFECT THE PROJECT, INFORM THE OWNER IMMEDIATELY AND DO NOT PERFORM ANY WORK BEFORE RESOLUTION OF THE PROBLEM.
- NOTIFY IMMEDIATELY THE ARCHITECT IF ANY DEMOLITION OR NEW CONSTRUCTION WORK (AS INDICATED IN THE CONSTRUCTION DOCUMENTS) CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS.
- DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY ALL AUTHORITIES HAVING JURISDICTION (A.H.).
- ALL WORK WILL BE PERFORMED IN THE BEST WORKMANSHIP POSSIBLE IN ACCORDANCE WITH THAT TRADE'S BEST INDUSTRY STANDARDS.
- WHEN WORK MUST BE PERFORMED ON OPERATING EQUIPMENT, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.
- THE CONTRACTOR SHALL NOT CUT EXISTING OR NEW STRUCTURAL WORK IN ANY MANNER THAT MAY RESULT IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD/DEFLECTION RATIO. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL STRUCTURAL CUTS PRIOR TO EXECUTION SO THAT APPROVAL CAN BE OBTAINED IN ADVANCE FROM THE ARCHITECT AND STRUCTURAL ENGINEER.
- WHERE EXISTING CONSTRUCTION IS FOUND TO CONTAIN ANY HAZARDOUS MATERIAL, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE ARCHITECT IN WRITING. NOTE: REMOVAL, DISPOSAL AND REPLACEMENT OF THE HAZARDOUS MATERIAL IS THE SOLE RESPONSIBILITY OF THE OWNER AND SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- PRIOR TO THE START OF ANY OTHER DEMOLITION, THE CONTRACTOR SHALL REMOVE LAMPS THAT ARE SCHEDULED FOR DISPOSAL SHALL BE REMOVED AND DISPOSED OF AS MERCURY-CONTAMINATED WASTE.
- THE CONTRACTOR SHALL REMOVE ALL LIGHT FIXTURES AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL EXAMINE SAID LIGHT FIXTURES TO DETERMINE IF ANY LIGHT FIXTURE BALLAST CONTAINS PCB'S. IF ANY LIGHT FIXTURE BALLASTS ARE FOUND TO CONTAIN PCB'S THE CONTRACTOR SHALL REMOVE BALLAST FROM LIGHT FIXTURES AND DISPOSE OF THE BALLASTS IN APPROVED DISPOSAL CONTAINERS PROVIDED BY THE OWNER. THE OWNER SHALL BE RESPONSIBLE FOR PROPER DISPOSAL PER LOCAL, STATE AND FEDERAL LAWS AND PAY FOR ALL ASSOCIATED COSTS OF DISPOSAL.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF REMAINING LUMINAIRE PARTS AND ANY NOISE FIXTURES PER LOCAL, STATE AND FEDERAL REGULATIONS AND PAY FOR ALL ASSOCIATED COSTS OF DISPOSAL.
- CONFIRM THE LOCATIONS OF EXISTING UTILITIES AND SERVICES WITHIN THE INDICATED CONSTRUCTION AREA. MAINTAIN EXISTING SERVICES TO ADJACENT AREAS THAT WILL REMAIN IN OPERATION AND SERVED BY THESE SERVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF DAMAGES TO EXISTING SERVICES OR UTILITIES.
- PRIOR TO BEGINNING EXCAVATIONS OR DEMOLITION OF ANY NATURE WHATSOEVER, CONTRACTOR SHALL LOCATE ALL SERVICES AND UTILITIES OCCURRING WITHIN THE BOUNDS OF THE PROJECT. THE CONTRACTOR SHALL THEN PROCEED WITH CAUTION IN HIS WORK SO THAT NO UTILITY OR LINE SERVING AREAS THAT ARE TO REMAIN IS DAMAGED WITH A RESULTANT LOSS OF SERVICE. VERIFY THE SOURCE AND SERVICE OF EACH AND EVERY LINE ENCOUNTERED AND RECORD EACH SERVICE, SIZE, AND LOCATION ON RECORD DRAWINGS.
- COORDINATE EACH AND EVERY INTERRUPTION OF SERVICES AND UTILITIES IN ADVANCE WITH THE OWNER, FIRE DEPARTMENT, AND UTILITY COMPANIES TO ENSURE MINIMAL SHUT DOWN TIMES THAT ARE ACCEPTABLE TO THE OWNER AND AUTHORITIES.
- DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF THE NORMAL DAILY FUNCTIONS WITHIN THE AREAS TO REMAIN IN OPERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY POWER AS MAY BE REQUIRED TO MAINTAIN SERVICE FOR THE AREAS TO REMAIN IN OPERATION. PROVIDE ALL EQUIPMENT, MAKE ALL ARRANGEMENTS, AND MAKE ALL CONNECTIONS REQUIRED FOR TEMPORARY POWER. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION.
- OPERATING SYSTEMS, UTILITIES AND SERVICES SERVING THE EXISTING SITE SHALL BE MAINTAINED IN OPERATION TO SERVE THE NEEDS OF PORTIONS OF THE BUILDING AND SITE NOT INVOLVED IN THE WORK UNDER THIS CONTRACT AT ALL TIMES DURING THE PROGRESS OF THE WORK UNDER THIS CONTRACT, EXCEPT FOR SUCH SHORT PERIODS AS ARE ABSOLUTELY NECESSARY TO PERFORM THE WORK. SUCH OPERATING SYSTEMS, UTILITIES AND SERVICES INCLUDE BUT ARE NOT LIMITED TO WATER, ELECTRICITY, HVAC, SANITARY, SEWER, FIRE ALARM, TELEPHONE AND SECURITY.
- ALL SYSTEM CHANGEOVERS BE COMPLETED IN OVERTIME, NOT DURING NORMAL WORKING HOURS.
- PRIOR TO INTERRUPTING OR OTHERWISE AFFECTING ANY SUCH OPERATING SYSTEM, UTILITY OR SERVICE, CONTRACTOR SHALL CONSULT WITH OWNER'S REPRESENTATIVE TO ESTABLISH A MUTUALLY SATISFACTORY SCHEDULE FOR CUT OVER, CUT OFF, DISRUPTION OR OTHER CHANGE IN THE OPERATION OF THE AFFECTED SYSTEM, UTILITY OR SERVICE.
- EXISTING WATER SYSTEM: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER AT LEAST 72 HOURS BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MINIMIZE OUTAGE DURING OPERATION.
- EXISTING ELECTRICAL SYSTEMS: MAINTAIN SERVICE TO ALL FIXTURES, DEVICES AND EQUIPMENT UNTIL NEW WORK IS INSTALLED. OBTAIN PERMISSION FROM OWNER AT LEAST 72 HOURS BEFORE SHUTTING DOWN SYSTEM FOR ANY REASON. MAKE CHANGEOVER TO NEW WORK WITH MINIMUM OUTAGE. DO NOT DISCONNECT ANY EMERGENCY OR LIFE-SAFETY DEVICES OR EQUIPMENT UNTIL NEW WORK IS IN PLACE AND OPERATIONAL.

- NOISE AND DUST IS NOT TO BE DISRUPTIVE TO THE OCCUPIED AREA OF THE BUILDING. PROVIDE TEMPORARY PARTITIONS AS REQUIRED.
- THE CONTRACTOR SHALL TAKE DUE CARE DURING DEMOLITION NOT TO DAMAGE OR DISTURB ANY EXISTING CONDITIONS THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING-TO-REMAIN MATERIALS AND FINISHES WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING EQUIPMENT THAT COULD BE DAMAGED DUE TO CONSTRUCTION. EXISTING EQUIPMENT DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AT NO COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING HVAC PIPING AND DUCTWORK NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
- CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING SPRINKLER PIPING, PLUMBING PIPING, HVAC PIPING, AND DUCTWORK NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
- CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH CEILING SYSTEM DISASSEMBLY AND REASSEMBLY TO ACCOMMODATE THIS WORK. CONTRACTOR TO SALVAGE, STORE, AND REINSTALL ALL CEILING MOUNTED DEVICES.
- CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL PENETRATIONS CREATED BY REMOVAL OF EQUIPMENT, DUCTWORK, PIPING, ETC. TO MATCH EXISTING. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK. PATCH TO MATCH ORIGINAL CONSTRUCTION. VERIFY ALTERNATIVE OR SPECIAL REPAIR METHODS WITH ARCHITECT/ENGINEER BEFORE PROCEEDING WITH DEMOLITION. COORDINATE ALL REQUIREMENTS WITH DIVISION 01, 01 73 29 CUTTING AND PATCHING.
- ANY OPENINGS CREATED IN A FIRE OR SMOKE RATED WALL BY PROVISION OR REMOVAL OF ANY ELECTRICAL DEVICE OR CONDUIT, SHALL BE SEALED AFTER THE WORK IS COMPLETED WITH A UL APPROVED FIRE/SMOKE SEALANT APPROPRIATE TO RE-ESTABLISH THE PREVIOUS RATING OF THE WALL. SEE ARCHITECTURAL PLANS FOR FIRE RATED WALLS, FLOORS AND THEIR RATING.
- EXTEND EXISTING INSTALLATIONS USING MATERIAL AND METHODS COMPATIBLE WITH EXISTING MECHANICAL INSTALLATIONS, OR AS SPECIFIED FOR INTENDED SERVICE.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- REMOVE ABANDONED DUCTS AND PIPING TO SOURCE OF SUPPLY AND/OR MAIN LINES AND CAP OR MAKE READY FOR RECONNECTION IF SERVICE IS EXTENDED AS PART OF NEW WORK.
- REMOVE EXPOSED ABANDONED PIPING AND DUCTS, INCLUDING ABANDONED PIPING AND DUCTS ABOVE ACCESSIBLE CEILING FINISHES. CUT DUCTS FLUSH WITH WALLS AND FLOORS. CAP DUCT THAT REMAINS, AND PATCH SURFACES. CUT PIPING ABOVE CEILINGS, BELOW FLOORS, AND BEHIND WALLS. CAP REMAINING LINES. REMOVE ALL ASSOCIATED CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING AND DUCT REMOVAL.
- DISCONNECT AND REMOVE MECHANICAL DEVICES AND EQUIPMENT SERVING EQUIPMENT THAT HAS BEEN REMOVED.

- MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- GENERAL SCOPE OF ELECTRICAL DEMOLITION CONSISTS OF DISCONNECTING AND REMOVING ALL LUMINAIRES, WIRING DEVICES, EQUIPMENT, BRANCH CIRCUIT WIRING AND CONDUIT WITHIN THE CONFINES OF THE DEMOLITION AREA, AS DEFINED ON THE DEMOLITION DRAWINGS. LUMINAIRES AND OTHER ELECTRICAL ITEMS OR EQUIPMENT AS DEFINED BY THE OWNER SHALL BE TURNED OVER TO THE OWNER.
- WHERE EQUIPMENT OR DEVICES ARE NOTED AS "REMOVE" REMOVE ALL CONDUCTORS ASSOCIATED WITH THESE ITEMS TO THE LAST ACTIVE ITEM ON THE CIRCUIT, OR TO THE BRANCH CIRCUIT BREAKER IF ALL ITEMS ON THE CIRCUIT ARE REMOVED. EXISTING CONDUITS THAT WILL NOT BE REUSED SHALL BE REMOVED WHERE THEY ARE RUN EXPOSED, RUN ABOVE CEILING OR IN FLOOR PLENUMS. CONDUITS RUN CONCEALED IN WALLS OR FLOOR SLABS SHALL BE CUT OFF FLUSH WITH SURFACE AND ABANDONED. ALL VOIDS IN WALLS OR FLOOR LEFT BY THE REMOVAL OF ELECTRICAL EQUIPMENT OR CONDUITS SHALL BE FILLED WITH NON-SHRINK GROUT AND FINISHED TO MATCH EXISTING ADJACENT SURFACES.
- THE CONTRACTOR SHALL REROUTE AND RECONNECT ANY CIRCUIT OR CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH NEW CONSTRUCTION.
- EXISTING JUNCTION BOXES TO REMAIN SHALL HAVE COVERS. PROVIDE COVERS AND INDICATE THE TYPE OF CIRCUIT OR CIRCUIT NUMBERS PASSING THROUGH THE BOX.
- PLUG PIPES AND PATCH FLOOR FLUSH WITH EXISTING SLAB ON GRADE AT ANY PLUMBING FLOOR PENETRATIONS NO LONGER REQUIRED.
- CONTRACTOR SHALL REMOVE ALL PIPING AND ASSOCIATED SUPPORTS FROM ABOVE SLAB ON GRADE TO BELOW ROOF WHICH WAS PREVIOUSLY ABANDONED OR WHICH SERVES PLUMBING FIXTURES AND EQUIPMENT DESIGNATED FOR REMOVAL. REFER TO PLUMBING FLOOR PLANS FOR NEW FIXTURES OR EQUIPMENT TO BE INSTALLED IN THOSE LOCATIONS. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY FIXTURES OR EQUIPMENT TO REMAIN. CAP REMOVED BRANCH LINES AS CLOSE AS POSSIBLE TO EXISTING MAINS.
- MECHANICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
- THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, WHICH INCLUDES BUT IS NOT LIMITED TO DEVICES, FIXTURES, WIRING (CIRCUITRY), CABLING, CONDUIT, ETC.) AS DESCRIBED AND SHALL GIVE THE OWNER AN OPPORTUNITY TO KEEP DEMOLISHED ELECTRICAL EQUIPMENT PRIOR TO THEM BEING DISCARDED.



3 ELECTRICAL ONE LINE DIAGRAM NOT TO SCALE

Load Analysis		KVA
Removed Automatic Doors		-15.4
New Automatic Door		14.4
<b>Total</b>		<b>-1.0</b>
<b>NO LOAD ADDED</b>		
277/480V, 3 PHASE, 4 WIRE SERVICE		

### SYMBOL LEGEND

SWITCHES	
SWITCH, SPST, 20A, 120/277V	SWITCH, 20A, 120/277V, 2" DENOTES DPST, 3" DENOTES THREE-WAY, 4" DENOTES FOUR-WAY
WALL MOUNTED OCCUPANT SENSOR WITH 9-10V DIAMETER. PROVIDE ENOUGH SENSOR/CEILING OR WALL MOUNTED FOR FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%). EATON #59H-P-010	
SWITCH, MOTION SENSOR, NOVITAS #01-133	HASH MARKS INDICATE NUMBER OF CONDUCTORS
PHASE NEUTRAL SWITCH LEG GROUND FROM LEFT TO RIGHT.	NO HASH MARKS INDICATES 2#12, 1#12G, UNLESS OTHERWISE NOTED.
UNDER GROUND CONDUIT	
RECEPTACLES AND OUTLETS	
DUPLEX WALL RECEPTACLE, NEMA 5-15R, 125V OR NEMA 5-20R, 20A, 125V, RE. SPECIFICATIONS. DOT INDICATES ABOVE COUNTER.	DUPLEX WALL RECEPTACLE, "WP" DENOTES WEATHERPROOF, "TP" DENOTES SAFETY TYPE, "GFF" DENOTES GROUND FAULT PROTECTION, DOT INDICATES ABOVE COUNTER.
FOURPLEX WALL RECEPTACLE, NEMA 5-15R, 15A, 125V DOT INDICATES ABOVE COUNTER.	SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED DOT INDICATES ABOVE COUNTER.
FLOOR OUTLET	JUNCTION BOX
DIRECT CONNECTION TO EQUIPMENT	TELEPHONE WALL OUTLET, PROVIDE 2"x4" OUTLET
BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.	DATA WALL OUTLET, PROVIDE 2"x4" OUTLET
BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.	COMBINATION RECEPTACLE/TELEPHONE DATA FLOOR OUTLET
HUBBELL #B4333 FLOOR BOX	HUBBELL 1 - #S3825 AND 2 - #S3825 COVER
HUBBELL #S3803 CARPET FLANGE	HUBBELL #B4333 FLOOR BOX
HUBBELL 1 - #S3825 COVER AND 1 - #S3825 COVER	HUBBELL #S3804 CARPET FLANGE
HUBBELL #S3804 CARPET FLANGE	HUBBELL #B4246 FLOOR BOX
HUBBELL #S3825 COVER	HUBBELL #S3803 CARPET FLANGE
HUBBELL #S3803 CARPET FLANGE	
ELECTRICAL EQUIPMENT	
DISTRIBUTION PANEL	PLYWOOD TERMINAL BOARD, TYPE AS NOTED, 4" X 8" X 3/4"
TRANSFORMER	UNLESS NOTED OTHERWISE
MOTORS AND CONTROLS	
SINGLE OR THREE PHASE MOTOR	DISCONNECT (SAFETY) SWITCH "200/150" DENOTES AMPERES/POLES/FUSE, "NF" DENOTES NON-FUSED
MOTOR STARTER	COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER "300/15W" DENOTES AMPERES/POLES/FUSE/STARTER SIZE, "NF" DENOTES NON-FUSED.
MANUAL MOTOR STARTING WITH THERMAL OVERLOAD	
FIRE ALARM	
FACP	FIRE ALARM CONTROL PANEL (FLUSH/SURFACE)
CEILING SPEAKER/STROBE	WALL SPEAKER/STROBE
CEILING STROBE	WALL STROBE
SPEAKER	MANUAL PULL STATION
AREA SMOKE DETECTOR, "H" HEAT DETECTOR, "SD" DUCT DETECTOR.	SPRINKLER FLOW SWITCH
VALVE SUPERVISORY SWITCH	



2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

### IAH TERMINAL A- VESTIBULE EFFICIENCY UPGRADES DEPARTURES LEVEL

C.I.P. No.	PN257B	A.I.P. No.	
C.O.H. No.		D.O.A. No.	

### RDLR Architects ARCHITECTURE PLANNING INTERIORS

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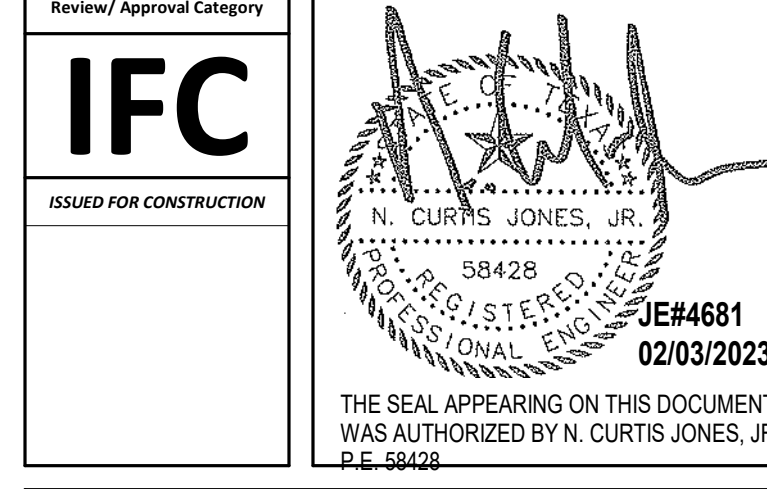


DESIGNER PROJECT No.: 1429.002  
PROJECT STATUS: 100% CD

REVISIONS			
No.	DESCRIPTION	DATE	BY
90%	REVIEW	01/08/2021	JE
	ISSUE FOR PERMIT	04/20/2021	JE
	ISSUE FOR CONSTRUCTION	02/03/2023	JE

DESIGN BY:	AC
DRAWN BY:	AC
CHECKED BY:	RH
ISSUE DATE:	04/20/2021
APPROVED BY:	RH
APPROVAL DATE:	04/20/2021

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM



SHEET NAME:		ELECTRICAL DETAILS
SHEET No.	E-301	SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

FILE PATH: C:\Users\jim.luber\Documents\4681\_Terminal\_A\_Doors MEP\_R20 Jim.luber.rvt  
 HAS FILE:  
 PLOT DATE:  
 PLOT DATE:  
 PLOT DATE:  
 PLOT DATE:



2800 N. TERMINAL RD.  
HOUSTON, TEXAS 77032

### IAH TERMINAL A- VESTIBULE EFFICIENCY UPGRADES DEPARTURES LEVEL

C.I.P. No. **PN257B** A.I.P. No.  
C.O.H. No. D.O.A. No.

## RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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DESIGNER PROJECT No.: 1429.002  
PROJECT STATUS: 100% CD

### REVISIONS

No.	DESCRIPTION	DATE	BY
90% REVIEW		01/08/2021	JE
ISSUE FOR PERMIT		04/20/2021	JE
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 APPROVED BY: RH  
 APPROVAL DATE: 04/20/21

### DIRECTOR of HOUSTON AIRPORT SYSTEM

Review/Approval Category

**IFC**  
ISSUED FOR CONSTRUCTION

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 59428

SHEET NAME: MEP PLANS - DEPARTURES LEVEL

SHEET No. MEP-102 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

#### KEYNOTE LEGEND

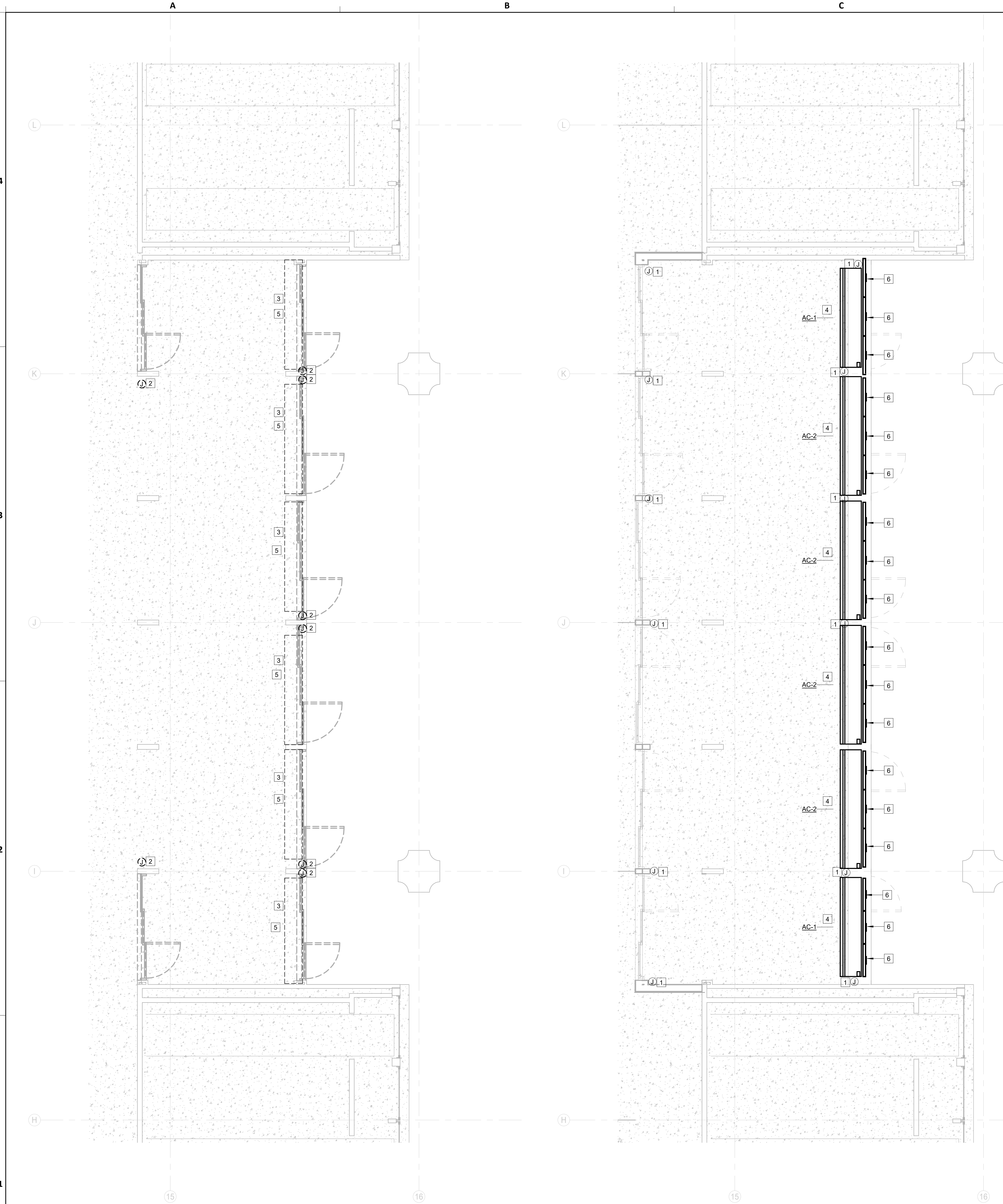
#	NOTE
1	CONNECT BACK TO EXISTING CIRCUIT FOR SLIDING DOORS. COORDINATE EXACT LOCATION/TERMINATION IN FIELD.
2	EXISTING SLIDING DOOR ELECTRICAL WHIP, CONDUIT, AND WIRE TO BE REMOVED BACK TO NEAREST JUNCTION BOX. COORDINATE EXACT REQUIREMENTS IN FIELD.
3	EXISTING AIR CURTAINS TO BE REPLACED.
4	PROVIDE NEW AIR CURTAINS AS SCHEDULED.
5	EXISTING AIR CURTAIN ELECTRICAL WHIP, CONDUIT, AND WIRE TO BE REMOVED BACK TO NEAREST JUNCTION BOX. COORDINATE EXACT REQUIREMENTS IN FIELD.
6	LINEAR SLOT DIFFUSERS TO BE REPLACED IN KIND.

#### GENERAL HAS ELECTRICAL NOTES:

- THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND WERE MADE FROM THE BEST INFORMATION AVAILABLE. CONFIRM ALL LOCATIONS AND DIMENSIONS IN THE FIELD. VISIT THE SITE PRIOR TO BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONDITIONS AS THEY EXIST AND NO ADDITIONAL COSTS WILL BE ALLOWED FOR READILY OBSERVABLE CONDITIONS.
- GUARANTEE LABOR AND MATERIALS FOR 1 YEAR.
- ALL NEW OR ADDITIONAL POWER DISTRIBUTION EQUIPMENT SHALL BE THE SAME MANUFACTURER AS THE ORIGINAL BUILDING EQUIPMENT AND SHALL BE PROVIDED WITH BLACK PHENOLIC NAMEPLATES WITH WHITE LETTERS (MIN. 5/16" HT.). PANELBOARDS SHALL BE EMBOSSED OR ENGRAVED METAL NAMEPLATE TO INDICATE VOLTAGE, PHASE, BUSSING, AND SHORT CIRCUIT BRACING. SUPPLY NEW, ACCURATE PANEL DIRECTORIES FOR EACH PANEL BOARD OR DISTRIBUTION PANEL IN WHICH ANY WORK IS PERFORMED. PROVIDE NEW BREAKERS IN EXISTING SPACES AS REQUIRED FOR THIS INSTALLATION. BREAKERS FOR ABANDONED CIRCUITS SHALL BE LABELED "SPARES".
- REUSED ELECTRICAL EQUIPMENT, WIRING DEVICES, SIRMING DEVICE COVER PLATED, CONDUIT AND WIRE WHICH ARE DAMAGED SHALL BE RESTORED TO ORIGINAL INTEGRITY. ALL MATERIALS USED FOR REPAIRS SHALL MEET ORIGINAL SPECIFICATIONS. ABANDONED ELECTRICAL DATA, OR COMMUNICATIONS ELEMENTS SHALL BE REMOVED BACK TO ORIGINAL SOURCE, AND RETURNED TO LANDLORD. REFER TO DATA AND TELEPHONE CONTRACTOR, FOR COORDINATION.
- ANY ELECTRICAL WORK AFFECTING THE LIGHTING ON THE AOA MUST BE COORDINATED WITH IAH ELECTRICAL DEPARTMENT.
- FOR ALL TELEPHONE/DATA OUTLETS, PROVIDE AN OPENING, PLASTER RING, AND DEVICE PLATE AT NORMAL RECEPTACLE HEIGHT UNLESS OTHERWISE INDICATED AND A PULLSTRING TO THE ACCESSIBLE CEILING SPACE ABOVE. WHERE THE WALL IS LOCATED BELOW AN ACCESSIBLE CEILING SPACE, PROVIDE A 4" SQUARE JUNCTION BOX WITH A SINGLE DEVICE PLASTER RING, MOUNTED FLUSH WITH FINISHED WALL AT NORMAL RECEPTACLE HEIGHT, UNLESS OTHERWISE NOTED. ALL TELECOMMUNICATION CONDUIT TO BE 1" MINIMUM AND ROUTED TO IDF ROOM AND/OR TO ABOVE CABLE TRAY WITH BUSSING.
- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUIT DESIGNATIONS AND SHALL MAKE CORRECTIONS AS NEEDED.
- ALL FIRE ALARM SYSTEM DEVICES AND EXIT SIGNAGE SHALL BE INTERFACED WITH BUILDING FIRE ALARM SYSTEM. ALL NEW DEVICES SHALL BE FULLY COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM. FIRE ALARM SYSTEM CONTRACTOR SHALL VERIFY LOCATION AND QUANTITY OF FIRE ALARM SYSTEM INITIATING, AUTOMATIC INITIATING AND AUDIBLE DEVICES AS REQUIRED BY EXISTING BUILDING SYSTEM. PROVIDE ADDITIONAL FIRE ALARM SIGNALING DEVICES AS REQUIRED TO INSURE ADEQUATE COVERAGE THROUGHOUT THE LEASE AREA. ADDITIONAL FIRE ALARM DEVICES SHALL BE ADDED TO MEET BUILDING STANDARDS AND FIRE ALARM SYSTEM CODE REQUIREMENTS. ALL FIRE ALARMS RELATED WORK INCLUDING FIRE ALARM SYSTEM SHUTDOWNS, MUST BE COORDINATED WITH OWNER AND HAS VENDOR.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH HAS CONSTRUCTION REQUIREMENTS, WORK THAT INTERFERES WITH EXISTING TENANT OR BUILDING ACTIVITIES MAY REQUIRE SPECIAL TIME. THE ELECTRICAL CONTRACTOR SHALL COORDINATE SPECIAL TIME WITH BUILDING MANAGEMENT AND INCLUDE THESE COSTS IN HIS BID PROPOSAL.
- ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING, PLUMBING, AND MECHANICAL CODES, NFPA 90A, 70 AND ANY OTHER APPLICABLE CODES. ELECTRICAL WORK MUST COMPLY WITH NEC-2017, CITY ELECTRIC CODE, AND HAS-ELECTRIC STANDARDS. BASE BUILDING STANDARDS AND SPECIFICATIONS SHALL APPLY TO ALL WORK SHOWN ON THESE DRAWINGS.
- ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
- SEAL NEW OR EXISTING PENETRATIONS IN OF FLOORS, RATED PARTITIONS, AND CORRIDOR WALLS.
- SECURE ALL PERMITS AND PROVIDE ANY REQUIRED TEMPORARY UTILITIES.
- ALL WORK AND SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER SUCH THAT THE WORK IS PERFORMED AT THE OWNERS CONVENIENCE. THIS MAY BE DURING EVENINGS AND WEEKENDS.
- CONTRACTOR TO PROVIDE "AS-BUILT" DRAWINGS INDICATING THE CONFIGURATION OF THE CONSTRUCTED WORK.
- REPAIR ANY DAMAGE THAT OCCURS TO ANY ELECTRICAL EQUIPMENT DURING DEMOLITION.
- SUBMIT INFORMATION ON ALL NEW EQUIPMENT IN THE FORM OF SHOP DRAWINGS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR THE CORRECT PROCEDURE.
- PROVIDE 3 COPIES OF THE OPERATION AND MAINTENANCE MANUALS TO THE OWNER. PROVIDE INSTRUCTION ON THE SYSTEM OPERATION TO THE OWNER.
- AS PER 2017 NEC AND ALL HAS STANDARDS ALL PANELS, DISCONNECTS, TRANSFORMERS SHALL HAVE PHENOLIC TAGS STATING ELECTRICAL ROOM, CIRCUIT NUMBER AND VOLTAGE WITH ARC FLASH STICKERS WHERE APPLICABLE. ALL RECEPTACLES ON TABLES OR BAR AREA SHALL BE GFCI PROTECTED. CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION FITTING PER NEC.
- WIRING - ALL WIRING SHALL BE COPPER, MINIMUM SIZE #12 AWG, THWN, RATED AT 600 VOLTS. PROVIDE GREEN GROUNDING CONDUCTOR WITH ALL POWER AND RECEPTACLE CIRCUITS. ALL WIRING TO BE IN CONDUIT. LIGHTING FIXTURES MUST HAVE INDIVIDUAL FEEDS TO EACH FIXTURE. DAILY CHAINING OF FIXTURES IS NOT ALLOWED. LIGHTING FIXTURE WHIPS MUST BE 6 FEET LONG OR LESS.  
NO AC, BXI OR MC CABLE ALLOWED.  
ALL GROUND RODS TO BE STAINLESS STEEL, 3/4" x 10'.
- BOXES - ALL BOXES TO BE GALVANIZED STEEL, SUITABLE FOR LOCATION AND SIZED PER THE N.E.C. AND SUPPORTED SEPARATELY FROM CONDUIT.
- DEVICES: SWITCHES - SINGLE POLE, 3-WAY AND 4-WAY SWITCHES TO BE 20 AMP., 120/240 OR 277/480 VOLT AS APPLICABLE. MOUNT SWITCHES AS SHOWN ON PLAN. SWITCHES AND DEVICE PLATES SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. HUBBELL #11211 OR EQUAL RECEPTACLES COMMERCIAL GRADE 20 AMP., 120V, NEMA 5-20R, HUBBELL 52521 OR EQUAL. INSTALL RECEPTACLES AS SHOWN ON PLAN. RECEPTACLES AND DEVICE PLATES SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. ISOLATED GROUND RECEPTACLES TO BE ORANGE HUBBELL 11211 OR EQUAL. FLOOR BOX WITH BRASS CARPET FLANGE SHALL BE HUBBELL 52536 OR EQUAL.
- CONDUIT - CONDUIT SHALL BE 3/4" MINIMUM GALVANIZED EMT W/ COMPRESSION FITTINGS. SUPPORT CONDUIT FROM STRUCTURE, NOT TO EXCEED 10' BETWEEN SUPPORTS. DO NOT SUPPORT FROM DUCTWORK OR PIPING. ROUTE CONDUIT AS DIRECTLY AS POSSIBLE WITH LARGE RADIUS BENDS AND INSTALLED PER N.E.C. PROVIDE LISTED EXPANSION FITTINGS IF CONDUIT CROSSES EXPANSION JOINT. CLEAN CONDUIT INTERIOR AFTER INSTALLATION. COAT SCRATCHES WITH ZINC PAINT. PROVIDE PULL WIRE FOR ALL EMPTY CONDUIT. CONDUIT UNDER SLAB SHALL BE SCHEDULE 40 PVC. ALL CONDUIT SHALL BE CONCEALED IN THE SLAB AREAS.
- CONDUCTORS:  
A. MINIMUM WIRE SIZE FOR BRANCH CIRCUITS BE NO. 12 AWG COPPER.  
a. NO. 14 AWG MAY BE USED FOR CONTROL CIRCUIT WIRING WHEN OVER CURRENT PROTECTION IS PROVIDED IN COMPLIANCE WITH THE APPLICABLE NEC, NFPA AND JIC STANDARDS.  
b. NO. 14 AWG OR NO. 16 AWG MAY BE USED FOR "WHIPS" FOR INDIVIDUAL FIXTURES WHEN USING INDIVIDUAL FUSE PROTECTION FOR EACH FIXTURE.  
B. ALUMINUM WIRE SHALL BE USED ONLY FOR OVERHEAD SPANS FROM POLE TO POLE, POLE TO BUILDING, OR BUILDING TO BUILDING APPLICATIONS.  
C. STRANDED WIRE SMALLER THAN NO. 8 AWG MAY BE FOR BRANCH CIRCUITS PROVIDING:  
a. THEY ARE CONNECTED TO WIRING DEVICES THAT UTILIZE CLAMP TYPE TERMINATIONS RATHER THAN BINDER HEAD SCREW CONNECTIONS.  
b. THEY ARE TERMINATED WITH SPADE TYPE LUGS FOR BINDER HEAD SCREW CONNECTIONS.  
c. THEY ARE SPLICED TO SOLID CONDUCTORS FOR BINDER HEAD SCREW CONNECTIONS.  
D. STRANDED CONDUCTORS SHALL BE USED FOR ALL MOTOR AND CONTROL CIRCUIT WIRING.  
E. CONDUCTORS FEEDING COMPUTER OUTLETS (OR IN CLOSE PROXIMITY TO A TELECOMMUNICATIONS OUTLET) SHALL HAVE A NEUTRAL ONE SIZE LARGER THAN THE PHASE CONDUCTOR.  
F. CONDUIT COLOR CODING SHALL BE CONSISTENT ALONG THE ENTIRE LENGTH OF A CIRCUIT. COLOR CODING SHALL BE AS FOLLOWS:  
480Y/277V, 3Ø, 4W: AØ - Black, BØ - Purple, CØ - Yellow, N - Gray, Gnd - Bare, Iso Gnd - Green  
208Y/120V, 3Ø, 4W: AØ - Black, BØ - Red, CØ - Blue, N - White, Gnd - Bare, Iso Gnd - Green  
240Y/120V, 1Ø, 3W: AØ - Black, CØ - Red, N - White, Gnd - Bare, Iso Gnd - Green
- COORDINATE ALL FIRE PIPING SYSTEM SHUTDOWN WITH HAS FOR APPROVED VENDOR INVOLVEMENT.
- COORDINATE ALL UTILITY SHUTDOWNS WITH HAS AND FOLLOW HAS W.A.N. PROCEDURES BEFORE SHUTDOWN.
- PER 2017 NEC, HAS STANDARDS AND FAA STANDARDS. ANY CONDUIT CROSSING ANY EXPANSION OR DEFLECTION JOINT HALL USA A UL LISTED EXPANSION FITTING WITH BONDING JUMPER (HAS STD. PAGE 21.1.1 W AND NEC 300.7B).
- ANY CEILING THAT IS OPENED UP TO BE REWORKED SHALL HAVE AN INSPECTION AND REPAIR ANY OPEN BOXES, OPEN WIRING ON THE REMOVAL OF ANY CONDUIT OR WIRING OF ANY CRAFT SHALL BE REMOVED BACK TOTHE SOURCE PER 2017 NEC SECTION 110.10(A).

#### AIR CURTAIN UNIT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	AIR VOLUME (CFM)	ELECTRIC AL		REMARKS
					V	PH	
AC-1	AIR CURTAIN	Berner International Corp.	AHD10-2096A	2,834			
AC-2	AIR CURTAIN	Berner International Corp.	AHD10-3120A	4,520			



**1 MEP DEMOLITION PLANS - LEVEL 2 EAST**  
1/4" = 1'-0"

**2 MEP RENNOVATION PLAN - LEVEL 2 EAST**  
1/4" = 1'-0"

#### KEY PLAN

NOT TO SCALE

FILE PATH: C:\Users\jim.luber\Documents\4681\_Terminal\_A\_Doors MEP\_R20\_rim.luber.rvt  
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DOA DWG FILE:  
OLD DOA No.: