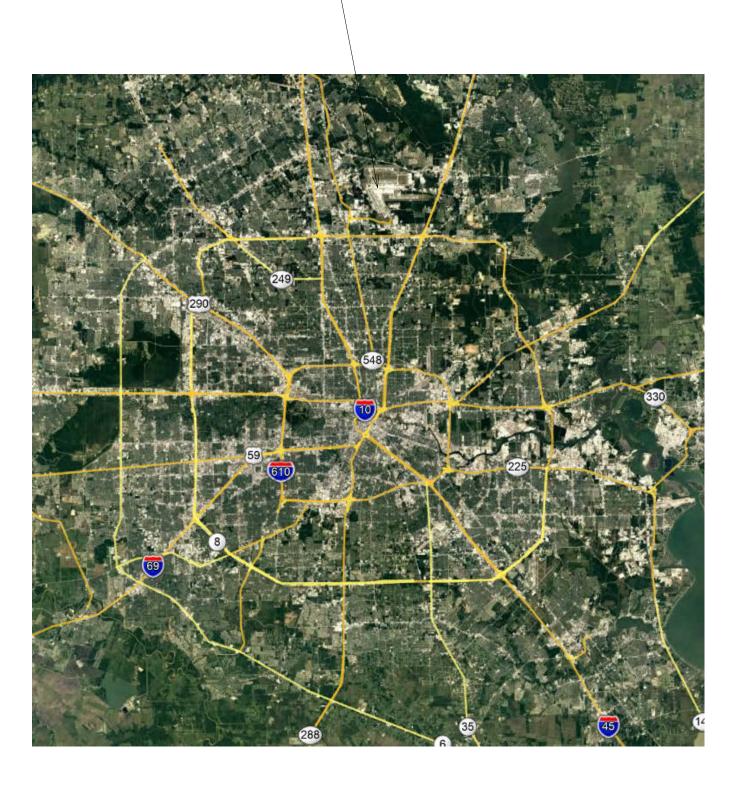
MAYOR SYLVESTER TURNER

CITY COUNCIL MEMBERS AMY PECK - DISTRICT A JERRY DAVIS - DISTRICT B ABBIE KAMIN - DISTRICT C CAROLYN EVANS-SHABAZZ - DISTRICT D **DAVID MARTIN - DISTRICT E** TIFFANY D. THOMAS - DISTRICT F GREG TRAVIS - DISTRICT G KARLA CISNEROS - DISTRICT H

IAH TERMINAL A - VESTIBULE EFFICIENCY UPGRADES DEPARTURES LEVEL AT GEORGE BUSH INTERCONTINENTAL AIRPORT



PROJECT LOCATION

AREA MAP - N.T.S.

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



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

PREPARED BY

RDLR

02/03/23

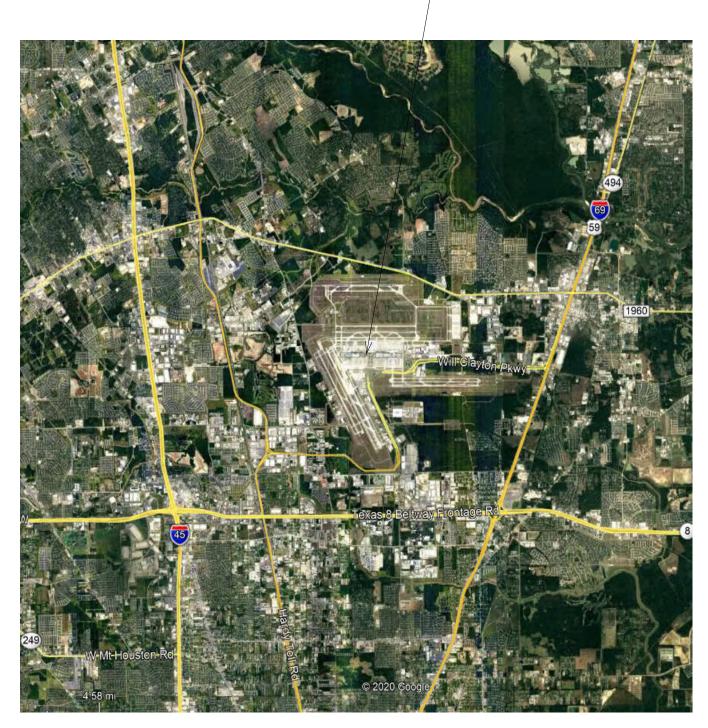
HOUSTON AIRPORT SYSTEM

MARIO C. DIAZ - DIRECTOR

CONTROLLER CHRIS B. BROWN

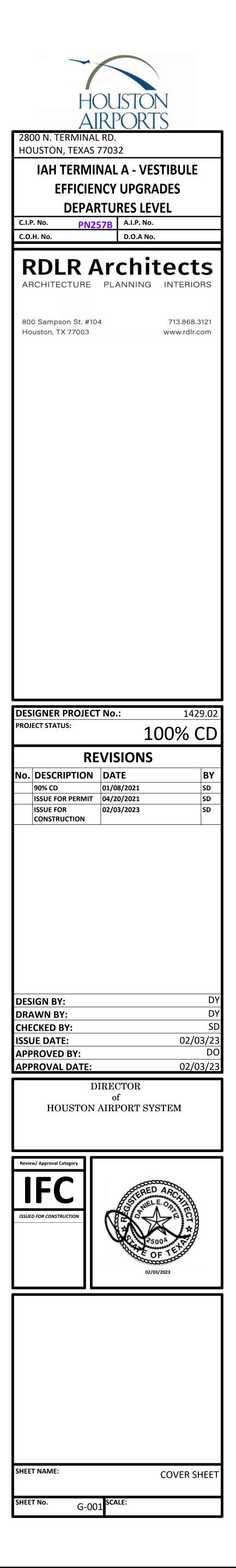
CITY COUNCIL MEMBERS ROBERT GALLEGOS - DISTRICT | EDWARD POLLARD - DISTRICT J MARTHA CASTEX-TATUM - DISTRICT K MIKE KNOX - AT LARGE POSITION 1 **DAVID ROBINSON - AT LARGE POSITION 2** MICHAEL KUBOSH - AT LARGE POSITION 3 **LETITIA PLUMMER - AT LARGE POSITION 4** SALLIE ALCORN - AT LARGE POSITION 5

PROJECT LOCATIO



VICINITY MAP - N.T.S.

Aconex File Name:



PLOT DATE: DOA DWG FI OLD DOA No

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	COL CONS CONT CORF CPR CPT CT CTR DBL DEFS
2	DEG DEP DET DF DIA DIAG DIM DIV DN DV DN DR DS DWG E EA EF EIFS
_	EJ EL ELEC ELEV EMER ENCL ENG EOD

&	AND
@	AT
A	ANGLE
A/C	AIR CONDITIONER / CONDITIONING
ABV	ABOVE
ACCS	ACCESSORIES
ACSDR	ACCESS DOOR
ACSFLR	ACCESS FLOOR
ACST / ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING
AD	AREA DRAIN
ADA	AMERICANS WITH
ADDL	DISABILITIES ACT ADDITIONAL
ADDM	ADDENDUM
ADJ	ADJUSTABLE /
ADMIN	ADJACENT ADMINISTRATION
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AGGR	AGGREGATE
AHR	ANCHOR
AHU	AIR HANDLING UNIT
AL / ALUM	ALUMINUM
ALNMT	ALIGNMENT
ALT	ALTERNATE
ANOD	ANODIZED
AP	ACCESS PANEL
APC	ACOUSTICAL PANEL
APPROX	CEILING APPROXIMATELY
APPVD	APPROVED
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY FOR
AUTO	TESTING MATERIALS AUTOMATIC
AVG	AVERAGE
BD	BOARD
BG	BUMPER GUARD
BITUM	BITUMINOUS
BL	BLACK
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BMS	BALANCE MAGNETIC
BOS	SWITCH BOTTOM OF STEEL
BOT	BOTTOM
BS	BOTH SIDES
CAB	CABINET
CAS	CASEWORK
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CF	CUBIC FOOT
CG	CORNER GUARD
CH	CEILING HEIGHT
CHAM	CHAMFER
CHBD	CHALKBOARD
CI	CAST IRON
CI	CONTRACTOR
CIP	INSTALLED CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY
со	UNIT CLEAN/CLEAR OUT
	COLUMN CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CPR	COPPER
CPT	CARPET(ED)(ING)
CT	CERAMIC TILE
CTR DBL DEFS	
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM
DEG	DEGREE
DEMO	DEMOLISH
DEP	DEPRESSION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
E	EAST
EA	EACH
EF	EACH FREE
EIFS	EXTERIOR INSULATION
EJ	AND FINISH SYSTEM EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSED / ENCLOSURE
ENG	ENGINEER
EOD	EDGE OF DECK
EOS	EDGE OF SLAB
EQ	EQUAL(LY)
EQPT	EQUIPMENT
EST	ESTIMATE
EWC	ELECTRIC WATER
EXIST	COOLER EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAST	FASTEN(ER)
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET FIRE EXTINGUISHER
FEC (R) FEC (SR)	FIRE EXTINGUISHER CABINET, RECESSED FIRE EXTINGUISHER
- (-,,)	CABINET, SEMI-RECESSED
FEW	FIRE EXTINGUISHER, WALL MOUNTED
FF	FINISHED FLOOR
FGL	FIBERGLASS

FLUOR FOC	FLUORESCENT FACE OF CONCRETE
FOF FOM	FACE OF FINISH FACE OF MASONRY
FOS FOW	FACE OF STUDS FACE OF WALL
FP	FIREPROOF
FPL FR	FIREPLACE FRAME
FRC	FIBER REINFORCED CONCRETE
FRGP	FIBER REINFORCED GYPSUM PLASTER
FRT	FIRE RETARDANT
FS	TREATED FLOOR SINK
FTG FURR	FOOTING FURRING
FUT	FUTURE
FV GA	FIELD VERIFY GAUGE
GALV GB	GALVANIZE(D) GRAB BAR
GC	GENERAL CONTRACTOR
GL GND	GLASS / GLAZING GROUND
GR GRV	GRADE GRAVEL
GT	GLASS TILE
GYP GYP BD	GYPSUM GYPSUM BOARD
HB HC	HOSE BIB HOLLOW CORE
НСР	HANDICAPPED
HD HD	HEAVY DUTY HARD
HDR HDWR	HEADER HARDWARE
н	HIGH
HM HMI	HOLLOW METAL HOLLOW METAL
HOR /	INSULATED HORIZONTAL
HORIZ	
HR	HANDRAIL
HR HT	Hour Height
HVAC	HEATING / VENTILATION / AIR CONDITIONING
HW	HARDWARE
HYD ID	HYDRANT INSIDE DIAMETER
IN INCL	INCH / INCHES INCLUDE(D) / INCLUDING
INSUL	INSULATE / INSULATION
INT JAN	INTERIOR JANITOR
JT KIT	JOINT KITCHEN
LAB	LABORATORY
LAM LAV	LAMINATE(D) LAVATORY
LB(S) LF	POUND(S) LINEAR FOOT (FEET)
LH	LEFT HAND
LIB LKR	LIBRARY LOCKER
LNS LNT	LINOLEUM SHEET LINOLEUM TILE
LP	LOW POINT
LT LVR	LIGHT LOUVER
LWT MACH	LIGHT WEIGHT MACHINE
MAINT	MAINTENANCE
MATL MAX	MATERIAL MAXIMUM
MC ME	MEDICINE CABINET MECHANICAL
	EQUIPMENT
MECH MEZZ	MECHANICAL MEZZANINE
MFR MH	MANUFACTURE(R) MANHOLE
MIN	MINIMUM
MIR MISC	MIRROR MISCELLANEOUS
MLD / MLDG	MOULDING
MO	MASONRY OPENING
MR MTD	MOISTURE RESISTANT MOUNTED
MTL MUL	METAL MULLION
N	NORTH
NA OR N/A	NOT AVAILABLE / APPLICABLE
NFPA	NATIONAL FIRE PROTECTION
NIC	ASSOCIATION NOT IN CONTRACT
NO / #	NUMBER
NOM NTS	NOMINAL NOT TO SCALE
OA OBS	OVERALL OBSCURE
OC OD	ON CENTER OUTSIDE DIAMETER
OFCI	OWNER FURNISHED
	CONTRACTOR INSTALLED
off opg /	OFFICE OPENING
OPNG OPP	OPPOSITE
OZ	OUNCE
PART PAT	PARTIAL PATTERN
PBD PC / PCC	PARTICLE BOARD PRECAST CONCRETE
PED	PEDESTAL
PER PERF	PERIMETER PERFORATED
PERP PF	PERPENDICULAR PRE-FINISHED
PIP	POURED-IN-PLACE
PL PL	PROPERTY LINE PLATE
PLAM PLAS	PLASTIC LAMINATE PLASTER
PLYWD	PLYWOOD PRESSED METAL
	FRAMES
POP PR	POINT OF PRESENCE PAIR
PRCST PREFAB	PRE-CAST PREFABRICATED
PROP	PROPERTY PORCELAIN TILE
PRT PSF	POUNDS PER SQUARE
PSI	FOOT POUNDS PER SQUARE
РТ	INCH POINT
PTD	PAPER TOWEL DISPENSER

PTD/WR	PAPER TOWEL
	DISPENSER &WASTE RECEPTACLE
PTDF	PRESSURE TREATED DOUGLAS FIR
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PVC	POLYVINYL CHLORIDE
Q QT	QUARTZ QUARRY TILE
QTY	QUANTITY
R RAD	RISER RADIUS
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF REFR	REFERENCE REFRIGERATOR
REG	REGISTER
REINF REQ	REINFORCE(D) REQUIRED
RESIL	RESILIENT
RESS REST	RESILIENT SHEET RESILIENT TILE
RET	RETAINING
REV RFG	REVISE / REVISION ROOFING
RFL	REFLECTED
RH RM	RIGHT HAND ROOM
RO	ROUGH OPENING
RS	RUBBER SHEET FLOORING
RST	RUBBER STAIR TREADS
RSTR	RUBBER STAIR TREADS & RISERS
RT	RUBBER TILE
RWD RWL	REDWOOD RAIN WATER LEADER
S	SOUTH
SC SCD	SOLID CORE SEAT COVER DISPENSER
SCHED	SCHEDULE
SCN SCR	SCREEN SCREEN
SD	SOAP DISPENSER /
SDC	STORM DRAIN SEALED CONCRETE
SECT	SECTION
SF SHT	SQUARE FEET SHEET
SHTG	SHEATHING
SHWR SIM	SHOWER SIMILAR
SND	SANITARY NAPKIN
SNR	DISPENSER SANITARY NAPKIN
	RECEPTACLE
SOG SPEC	SLAB ON GRADE SPECIFY / SPECIFICATION
SPK	SPEAKER
SQ SQFT	SQUARE SQUARE FEET
SQIN	SQUARE INCH(ES)
SS ST	STAINLESS STEEL STONE
STA	STATION
STC STD	STAINED CONCRETE STANDARD
STDS	STUDS
STIFF STL	STIFFENER STEEL
STN	STAINED
STOR STRUCT	STORAGE STRUCTURE /
	STRUCTURAL
SUSP SW	SUSPENDED SWITCH
SYM	SYMMETRICAL
SYN SYS	SYNTHETIC SYSTEM
T&B	
T&G TB	TONGUE AND GROOVE TOWEL BAR
TBD TC	TO BE DETERMINED TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY / TEMPERATURE
TER	TERRAZZO
THK THRU	THICK THROUGH
тос	TOP OF CONCRETE
TOS TOW	TOP OF SLAB TOP OF WALL
TPD	TOILET PAPER
TPTN	DISPENSER TOILET PARTITION
τν	TELEVISION
TYP UC	TYPICAL UNDERCUT
UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORY
UNF / UNFIN	UNFINISHED
UON	UNLESS OTHERWISE
UPS	NOTED UNINTERRUPTIBLE
UR	POWER SUPPLY URINAL
V	VOLT
VAC	
VB VCT	VAPOR BARRIER VINYL COMPOSITION TILE
VB VCT VENT	VINYL COMPOSITION TILE VENTILATE
VB VCT	VINYL COMPOSITION TILE
VB VCT VENT VERT VEST VIF	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD
VB VCT VENT VERT VEST	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE
VB VCT VENT VERT VEST VIF VNR VOL VST	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS
VB VCT VENT VERT VEST VIF VNR VOL	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME
VB VCT VENT VERT VEST VIF VNR VOL VST	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINTYL STAIR TREADS &
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VT VT VTR VWC	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VVC W W/ W/O	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VSTR VT VTR VTR VWC W W/	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VVC W W/ W/O WC WCV WD	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VVC W W/ W/O W/O WC WCV WD WF	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VSTR VT VTR VTR VVC W W/ W/O W/O W/O WCV WD WF WG WH	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VVC W W/ W/O WC WCV WD WF WG WH WI	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VSTR VT VTR VTR VVC W W/ W/O W/O W/O WCV WD WF WG WH	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VTR VTR VWC W/ W/ W/O WC W/ W/O WC W/ W/O WC W/ W/ W/O WC W/ W/ W/O WC W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK WAINSCOT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VT VTR VVC W W/ W/O WC WCV WD WF WG WH WI WIN WK	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VTR VWC W/ W/ W/O WC W/ W/ W/O WC W/ W/ W/O WC W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/ W/	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK WATER PROOF(ING) WORK POINT WATER RESISTANT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VT VTR VVC W W/ W/O WC WC W/ W/O WC WC WD WF WC WD WF WG WH WI WIN WIN WK WNSCT WP WPT	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK WAINSCOT WATERPROOF(ING) WORK POINT
VB VCT VENT VERT VEST VIF VNR VOL VST VSTR VT VTR VTR VTR VWC W/ W/ W/O WC W/ W/O WC W/ W/O WC WD WF WCV WD WF WG WH WI WIN WIN WIN WIN WNSCT WP WR WRR	VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VERER VOLUME VINYL STAIR TREADS VINYL STAIR TREADS & RISERS VINYL TILE VENT THRU ROOF VINYL WALLCOVERING WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WIRE GLASS WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK WAINSCOT WATER RESISTANT WATER RESISTANT WOOD RISER

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	<u>SECTION</u>

ACOUSTICAL CEILING

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FINISH(ED)

FIXTURE FLOOR FLASH(ING)

FIN

FIXT

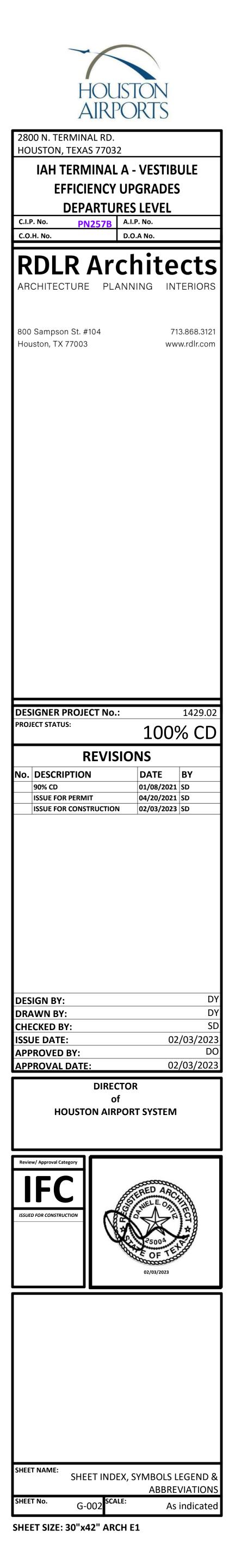
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FLASH

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ECTION		ELEVATION		ROOM IDENTIFICATION
	CONCRETE			- ROOM NAME - ROOM NUMBER
	PRECAST CONCRETE			DOOR NUMBERING SIDELIGHT (PART OF DOOR ASSEMBLY) DOOR NUMBER TO COINCIDE WITH ADJOINING ROOM
	СМИ			NUMBER
	BRICK			REVISION REFERENCE - REVISION REFERENCE MARK - REVISION CLOUD
	CAST/CUT STONE		1 SIM A101	DETAIL/SECTION DESIGNATOR – DETAIL OR SECTION NUMBER – DRAWING NO. (WHERE DETAIL OR SECTION IS DRAWN) (OMIT WHEN ON THE SAME DRAWING)
	NATURAL STONE			- AREA OF ENLARGEMENT
	STEEL			BUILDING WALL SECTION SECTION
	ALUMINUM			SECTION IDENTIFICATION
	BRASS/BRONZE		1- A101	DETAIL SECTION
	FINISHED WOOD			DRAWING NUMBER WHERE DRAWN ELEVATION NUMBER
	EXTERIOR PLASTER AND LATHE		A1 / A101	EXTERIOR BUILDING ELEVATION
	CERAMIC/QUARRY TILE			DRAWING NUMBER WHERE DRAWN ELEVATION NUMBER
			A1 / A101	INTERIOR ROOM ELEVATIONS
	GLASS/MIRROR			ELEVATION NUMBER
	EARTH		A123	PARTITION TYPE REFERENCE REFER TO SHEETS
	GRAVEL		XX	WINDOW TYPE REFERENCE REFER TO SHEETS
	SAND			
	CONT. WOOD BLOCKING			COLUMN LINES
	DISCONT. WOOD BLOCKING		(?)	KEYNOTE
	PLYWOOD			FURNISHINGS
	SPRAY APPLIED FIREPROOFING			
	BATT/BLANKET INSULATION			
	RIGID INSULATION			
	GYPSUM BOARD			
<u>p</u>	BACKER ROD & SEALANT			
I	JOINT FILLER			

SHEET INDEX				
Sheet Number	Sheet Name	Issue for Permit	Issue for Construction	
General				
G-001	COVER SHEET	X	Х	
G-002	SHEET INDEX, SYMBOLS LEGEND & ABBREVIATIONS	Х	Х	
G-003	GENERAL NOTES & SPECIFICATIONS	Х	Х	
G-004	TEXAS ACCESSIBILITY STANDARDS	X	Х	
G-031	LIFE SAFETY LEVEL 2 PLAN AND CODE REVIEW	Х	Х	
G-032	CONSTRUCTION PHASING PLAN	Х	Х	
Architecture				
AD-100	LEVEL 1 - OVERALL DEMOLITION PLAN	X	Х	
A-110	OVERALL FLOOR PLAN - LEVEL 2	X	Х	
A-130	OVERALL REFLECTED CEILING PLAN - LEVEL 2	X	Х	
A-140	ENLARGED PLANS & RCPS	Х	Х	
A-200	ELEVATIONS	X	Х	
A-201	SECTIONS	X	Х	
A-501	DETAILS	Х	Х	
A-610	DOOR & MATERIAL SCHEDULE AND DETAILS	Х	Х	
MEP				
E-301	ELECTRICAL DETAILS	X	Х	



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PLOT

- THE GENERAL NOTES HEREIN ADDRESS ARCHITECTURAL AREAS, INCLUDING MECHANICAL, ELECTRICAL, DOCUMENTS.
- ELEMENTS INDICATED ON THE ARCHITECTURAL CEILING INTENT. NOTIFY ARCHITECT OF ANY REQUIRED MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
- THE CONTRACTOR SHALL REFER TO THE 3. ARCHITECTURAL PLANS FOR THE LOCATION OF ALL EXPOSED MECHANICAL. ELECTRICAL AND PLUMBING SPECIFIC MEP PLANS, BUT ONLY AFTER VERIFICATION
- WHERE DISCREPANCIES OCCUR BETWEEN 4. INDICATED SHALL APPLY.

FROM ARCHITECT.

- PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
- NOTES HEREIN AND DRAWINGS, DETAILS, OR COMMENCEMENT OF SYSTEM INSTALLATION.

- WIDTH AND 6'-8" IN HEIGHT **REQUIRE MORE THAN ONE OPERATION.** LATCHING AND LOCKING DOORS THAT ARE HAND TYPE HARDWARE, BY PANIC BARS, OR OTHER HAND ACTIVATED DOOR HARDWARE SHALL BE CENTERED 4. BETWEEN 30" AND 44" ABOVE THE FLOOR. LESS THAN 32" WHERE A PAIR OF DOORS IS PROVIDED, AT LEAST ONE OF
- THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING THE DOOR SWING OF 48". THE STRIKE EDGE FOR INTERIOR DOORS. OF THE DOOR ON THE OPPOSITE SIDE TO WHICH THE LATCH AND CLOSER.
- HA7ARD 12. INTERIOR DOORS. CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE 13.
- OR SIMILAR MATERIALS SHALL BE PROVIDED WITH AISLES LEADING TO AN EXIT. IF SERVING BOTH SIDES.
- HALLS, PASSAGEWAYS OR AISLES. FREE STANDING OBJECTS MOUNTED ON POSTS MAY 17. FINISHED FLOOR. PARALLEL APPROACH BY A PERSON USING A
- 19.
- THAN 15" ABOVE THE FLOOR. GREATER THAN 5 LBS.
- ACCOMMODATE A SINGLE STATIONARY WHEELCHAIR IS PASSAGE SHALL BE 32" AT A POINT AND 36" CONTINUOUSLY.
- 23. SHALL BE 60". THE MINIMUM CLEAR WIDTH REQUIRED FOR A 48" IN LENGTH.
- OF ACCESSIBILITY.
- TEXAS ACCESSIBILITY STANDARDS.

С

REFLECTED CEILING PLAN NOTES

DESIGN INTENT FOR ALL BUILDING SYSTEM COMPONENTS INSTALLED ABOVE THE FLOOR AND WITHIN THE CEILING PLUMBING, AND ARCHITECTURAL. CONTRACTOR SHALL REFER TO THESE GENERAL NOTE REQUIREMENTS FOR CLARIFICATION ON ARCHITECTURAL DESIGN INTENT FOR ALL EXPOSED BUILDING COMPONENTS AND SYSTEMS. FURTHERMORE, CONTRACTOR SHALL ISSUE A RFI REQUEST FOR CLARIFICATION ON ANY RELATED ITEMS EXPOSED TO VIEW, FOR WHICH INFORMATION IS GIVEN HERE, AND CONTRADICTED ELSEWHERE WITHIN THE

PLANS, INCLUDING LIGHTS, AIR DIFFUSERS, SPRINKLER HEADS (WHERE INDICATED), DUCT RUNS, PIPING, SPEAKERS, ETC., INDICATE THE ARCHITECTURAL DESIGN VARIATIONS TO THE INDICATED DESIGN INTENT PRIOR TO SUBMITTING BIDS FOR THE WORK, PURCHASING

COMPONENTS, INCLUDING DUCTS, DIFFUSERS, RETURN GRILLES, THERMOSTATS, LIGHT FIXTURES, CONDUITS, SENSORS, SWITCHES, OUTLETS, FIRE SPRINKLER PIPES, SPRINKLER HEADS AND EQUIPMENT REQUIRING VISIBLE ACCESS HATCHES, INCLUDING JUNCTION BOXES, PULL BOXES, CLEAN OUTS, VALVES, SWITCHES, ETC., WHERE THE EXPOSED MECHANICAL. ELECTRICAL OR PLUMBING COMPONENT IS IMPORTANT TO THE ARCHITECTURAL DESIGN INTENT, AND INDICATED ON THE ARCHITECTURAL PLANS. WHERE ITEMS ARE NOT SPECIFICALLY INDICATED ON THE ARCHITECTURAL PLANS, THE CONTRACTOR SHALL FOLLOW THE LAYOUTS INDICATED ON THE

ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, INCLUDING THE QUANTITY OF FIXTURES INDICATED. THE CONTRACTOR SHALL ASK THE **ARCHITECT IN WRITING FOR AN INTERPRETATION PRIOR** TO PLACING A BID FOR THE WORK. OTHERWISE, THE LARGEST QUANTITY AND/OR MOST EXPENSIVE PRODUCT

ALL KNOWN CEILING ELEMENTS HAVE BEEN INDICATED ON THE ARCHITECTURAL PLANS, INCLUDING LIGHT FIXTURES. AIR DIFFUSERS, AND DUCT WORK. ITEMS NOT INDICATED INCLUDE EXPOSED CONDUIT. NOTIFY ARCHITECT OF ANY REQUIRED VARIATIONS TO THE INDICATED ARCHITECTURAL LAYOUTS PRIOR TO

NOTIFY ARCHITECT OF ANY VARIATIONS BETWEEN THE SPECIFICATIONS PRIOR TO PURCHASING MATERIALS OR

ACCESSIBILITY NOTES

1. ALL REQUIRED EXIT DOORWAYS SHALL BE OF SIZE TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3'

> MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE PROHIBITED. WHEN EXIT DOORS USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR URFACEMOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT

ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT **REQUIRING THE ABILITY TO GRASP THE HARDWARE.**

EXIT DOORS SHALL OPEN TO A CLEAR WIDTH OF NOT

THE DOORS SHALL PROVIDE A CLEAR OPENING WIDTH OF

ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60" AND A LENGTH OPPOSITE THE DIRECTION OF

THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18" PAST PROVIDE A CLEAR SPACE OF 12" PAST THE STRIKE EDGE

DOOR SWINGS IF THE DOOR IS EQUIPPED WITH BOTH A THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.

THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR

THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 15 LBS FOR EXTERIOR DOORS AND 5 LBS FOR

SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS BUT SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH. EVERY PORTION OF EVERY BUILDING IN WHICH ARE INSTALLED SEATS, TABLES, MERCHANDISE, EQUIPMENT,

EVERY AISLE SHALL NOT BE LESS THAN 3' WIDTH IF SERVING ONLY ONE SIDE, AND NOT LESS THAN 3'-8" WIDTH

OBJECTS PROTRUDING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS,

OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE 18. CLEAR FLOOR SPACE THAT ALLOWS A FORWARD OR

WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT. THE HIGHEST AND LOWEST OPERABLE PART OF ALL CONTROLS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN 48" OF THE FLOOR BUT NOT LOWER THAN 15" IF FORWARD APPROACHED AND WITHIN 54" BUT NOT LOWER THAN 9" IF SIDE APPROACHED. ELECTRICAL AND COMMUNICATION

SYSTEM RECEPTACLES SHALL NOT BE PLACED LESS CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST. THE FORCE

REQUIRED TO OPERATE CONTROLS SHALL BE NO THE MINIMUM CLEAR FLOOR SPACE REQUIRED TO

10.

30" BY 48". THE MINIMUM CLEAR FLOOR SPACE MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH. THE MINIMUM CLEAR WIDTH FOR A SINGLE WHEELCHAIR THE MINIMUM CLEAR WIDTH FOR 2 WHEELCHAIRS TO PASS

WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36" WHERE THE OBSTRUCTION IS 48" OR MORE IN LENGTH AND 42" WHERE THE OBSTRUCTION IS LESS THAN

25. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL

CONTRACTOR SHALL NOTIFY ARCHITECT SHOULD ANY OF THE ABOVE GENERAL NOTES BE IN CONFLICT WITH THE

ARCHITECTURAL SYSTEMS AND FINISHES

COLORS INDICATED ON THE MATERIALS AND FINISH KEY ARE CUSTOM COLORS TO MATCH THE COLOR INDICATED COLORS FROM MANUFACTURER'S STANDARD CHARTS WILL NOT BE ACCEPTED UNLESS THOSE COLORS MATCH THE COLORS INDICATED. CONTRACTOR MAY USE ANY ACCEPTABLE ALTERNATE PAINT MANUFACTURER THAT CAN MATCH THE SPECIFIED COLOR.

ALL EXTERIOR WALL STUD FRAMING SHALL BE STRUCTURAL COLD FORMED STUDS, DESIGNED AND ENGINEERED BY THE CONTRACTOR FOR ANY APPLIED DESIGN LOADS OR ANCHORAGE OF ADJACENT BUILDING COMPONENTS. STUD GAUGES INDICATED ON THE DRAWINGS ARE MINIMUMS ONLY. AND DO NOT REPRESENT AN ENGINEERED DESIGN FOR THE DETAILED APPLICATION.

NON-LOAD BEARING INTERIOR STUDS SUBJECT TO LOCALIZED STRUCTURAL LOADS FROM OTHER BUILDING SYSTEMS OR COMPONENTS, INCLUDING BUT NOT LIMITED TO, ANCHORAGE REQUIREMENTS FOR DOORS, WINDOWS, STOREFRONTS, CURTAINWALLS, CABINETS, BUILT-IN FURNITURE, ETC. SHALL BE DESIGNED AND ENGINEERED BY THE CONTRACTOR, IF SUCH DESIGN IS NOT SPECIFICALLY INDICATED IN THE DOCUMENTS.

- FOR INTERIOR NON-LOAD BEARING PARTITIONS, MINIMUM BASE METAL THICKNESS IS 25 GAUGE, UNO, FOR **OPENING FRAMING, MINIMUM BASE METAL THICKNESS IS** 20 GAUGE, UNO, MINIMUM BASE METAL THICKNESS OF CFMF AT AUTOMATIC SLIDING DOORS SHALL BE DESIGNED AND ENGINEERED BY THE CONTRACTOR.
- MISCELLANEOUS STUD FRAMING FOR SOFFITS AND OTHER ARCHITECTURAL ELEMENTS ARE INDICATED FOR GENERAL DESIGN INTENT AND PROFILE ONLY. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AND FRAMING AS NECESSARY TO MEET THE DESIGN AND DEFLECTION CRITERIA.
- INTERIOR WALL, SOFFIT, AND CEILING FRAMING SHALL MEET A MINIMUM OF 5 PSF WIND LOAD AND L/240 **DEFLECTION DESIGN CRITERIA. INTERIOR ELEVATOR OR** MECHANICAL SHAFT FRAMING SHALL MEET A MINIMUM OF 10 PSF WIND LOAD AND L/240 DEFLECTION DESIGN CRITERIA. EXTERIOR OR STRUCTURAL FRAMING SHALL MEET SPECIFIC DESIGN CRITERIA SPECIFIED ELSEWHERE IN THE DOCUMENTS.
- LIMITING HEIGHTS ARE CONTRACTOR'S RESPONSIBILITY. TO BE BASED ON STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) LIMITING WALL HEIGHT TABLES. ALL PARTITIONS SHALL BE BRACED AS REQUIRED TO MEET MINIMUM DEFLECTION CRITERIA.

SEALANT JOINTS DESIGNED AS REVEALS ARE INDICATED GRAPHICALLY AS RECESSED, AND MAY ALSO BE NOTED AS "RECESSED". MAINTAIN A CONSISTENT BACK OF REVEAL DEPTH.

ALL WOOD BLOCKING TO BE TREATED FIRE-RETARDANT EXTERIOR ENCLOSURE GENERAL NOTES

- IN ADDITION TO THE INTENT OF THE WORK INDICATED ON THE DRAWINGS, ALL EXTERIOR ENCLOSURE WORK SHALL COMPLY WITH THE SPECIFIC TECHNICAL REQUIREMENTS OF THE PROJECT SPECIFICATION AND THE FOLLOWING CRITERIA.
- THE EXTERIOR ENCLOSURE SYSTEM INCLUDES, BUT IS NOT LIMITED TO, PLASTER, BUILDING CLADDING SYSTEMS, WEATHER BARRIERS AND MEMBRANES, MOISTURE AND VAPOR BARRIERS, METAL FABRICATIONS, COLD FORMED METAL STUD FRAMING, BUILDING INSULATION, FLASHING AND SHEET METAL, GLAZING SYSTEMS, AND ANY OTHER MATERIAL, COMPONENT, FINISH, OR SUPPORT SYSTEM FOR THE BUILDING SKIN, INTENDED TO PROTECT THE BUILDING FROM THE EXTERIOR ENVIRONMENT.

THE PROFILES, SHAPES, RELATIONSHIPS, CONNECTIONS DETAILS, AND MATERIALS INDICATED ARE A SCHEMATIC **REPRESENTATION OF THE DESIGN AND TECHNICAL** INTENT. THE CONCEPT INDICATED IS TO BE DEVELOPED, ENGINEERED, AND DETAILED BY THE CONTRACTOR AS REQUIRED TO PROVIDE A HIGH-QUALITY WATER TIGHT, AIR TIGHT, AND THERMALLY RESISTANT EXTERIOR ENCLOSURE SYSTEM COMPLYING WITH ALL INDICATED DESIGN AND TECHNICAL INTENT CRITERIA. PROVIDE ALL REQUIRED DESIGN, ENGINEERING, TESTING, MATERIALS, FASTENERS, ANCHORS, BRACING, SUPPORTS, WEEP SYSTEMS, FLASHINGS, SEALANTS, FABRICATION, ERECTION, ETC. REQUIRED TO FABRICATE AND INSTALL A HIGH QUALITY EXTERIOR ENCLOSURE.

THE EXTERIOR ENCLOSURE SYSTEM DESIGN AND INSTALLATION SHALL ACCOMMODATE THE FOLLOWING: BUILDING MOVEMENT DUE TO GRAVITY LOADS, DEFLECTION AND VIBRATION:

- BUILDING LOADS DUE TO WIND LOADS,
- DEFLECTION AND VIBRATION; BUILDING MOVEMENT AND LOADING OF RAIN AND
- **RECOGNIZED SEISMIC FORCES;** THERMAL EXPANSION AND CONTRACTION; DIFFERENTIAL AIR PRESSURE;
- DIFFERENTIAL VAPOR PRESSURE.

THE EXTERIOR ENCLOSURE SYSTEM DESIGN AND INSTALLATION SHALL PROVIDE THE REQUIRED **RESISTIVITY TO THE FOLLOWING AND THEIR COMBINED** EFFECTS:

WATER INFILTRATION; DIFFERENTIAL AIR PRESSURE; DIFFERENTIAL VAPOR PRESSURE;

- THERMAL DIFFERENTIALS. ALL EXTERIOR SOFFITS AND CEILING PLANES SHALL BE RIGIDLY FRAMED TO RESIST POSITIVE AND NEGATIVE WIND LOADS, IN ADDITION TO GRAVITY AND OTHER LOADS.
- THE EXTERIOR WALL ASSEMBLY SHALL HAVE A MINIMUM THERMAL TRANSMISSION RESISTIVITY ("R") VALUE OF R19 IN VERTICAL WALLS, SOFFITS AND HORIZONTAL CEILINGS. PROVIDE CONTINUOUS INSULATION WITHIN THE VERTICAL AND HORIZONTAL EXTERIOR ENCLOSURE.
- ANCHORAGE ASSEMBLIES ARE TO BE DESIGNED AS REQUIRED TO BE NOISELESS IN ACCOMMODATED DYNAMIC MOVEMENTS INCLUDING THERMAL CONTRACTION AND EXPANSION, WIND, AND SEISMIC DRIFT. ANCHORAGE ASSEMBLIES SHALL TRANSMIT EXTERIOR ENCLOSURE DEAD LOADS AND DYNAMIC LOADS TO THE BUILDING STRUCTURE.
- PROVIDE SUPPORT FRAMING AND/OR STEEL REQUIRED FOR THE ANCHORAGE AND SUPPORT OF EXTERIOR ENCLOSURE SYSTEMS AND COMPONENTS, INCLUDING STEEL NOT INDICATED ON THE STRUCTURAL DRAWINGS. PROVIDE ENGINEERING CALCULATIONS AND DETAILS FOR ALL PROPOSED MODIFICATIONS REQUIRED TO ANCHOR THE EXTERIOR ENCLOSURE SYSTEM(S).
- ALL REQUIRED SEALANTS AND FILLERS ARE TO BE **INSTALLED TO PROVIDE A COMPLETE WEATHER TIGHT** SYSTEM WITH WEEPS AS REQUIRED TO DRAIN INTERNAL MOISTURE TO THE EXTERIOR. EXTERIOR SEALANTS ARE TO BE 20-YEAR WARRANTED OF APPROPRIATE MODULUS FOR ANTICIPATED MOVEMENT CONDITIONS.
- **PROVIDE POSITIVE DRAINAGE ON ALL SURFACES EXPOSED TO DIRECT OR INDIRECT WATER OR MOISTURE** ACCUMULATION. SUCH SURFACES SHALL WEEP WATER OR MOISTURE TO THE EXTERIOR.

GENERAL NOTES

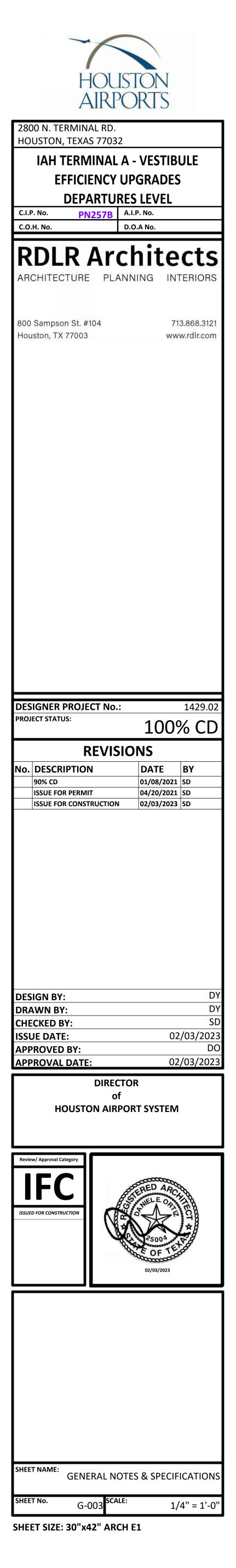
- THE WORK PERFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL TOOLS, EQUIPMENT, MATERIALS, SUPPLIES, TRANSPORTATION, SERVICES, POWER AND WATER, ESSENTIAL COMMUNICATIONS, AND THE PERFORMANCE OF ALL LABOR, WORK, REQUIRED CALCULATIONS, TESTING, OR OPERATIONS REQUIRED FOR THE FULFILLMENT OF THE CONTRACT. IN STRICT ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND SCHEDULES, ALL OF WHICH ARE MADE A PART HEREOF, INCLUDING DETAIL SKETCHES AS MAY BE FURNISHED BY **ARCHITECT OR ENGINEER FROM TIME TO TIME DURING** CONSTRUCTION IN EXPLANATION OF THE PLANS. THE WORK SHALL BE COMPLETE AND ALL MATERIAL, SERVICES, INCIDENTALS, QUALITY OR NOT SPECIFICALLY CALLED FOR QUALITY AND CONDITIONS NOTED, IN THE SPECIFICATIONS, OR NOT SHOWN ON THE PLANS WHICH MAY BE NECESSARY FOR THE COMPLETE AND PROPER CONSTRUCTION TO CARRY OUT THE CONTRACT IN GOOD FAITH AND IN A SATISFACTORY MANNER SHALL BE PERFORMED, FURNISHED, AND INSTALLED BY THE CONTRACTOR AT NO INCREASE IN COST TO THE STATE.
- THE WORK PREFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE INSTALLATION OF ALL **BUILDING SYSTEMS. BUILDING COMPONENTS, SPECIFIED** EQUIPMENT, AND MATERIALS / FINISHES IDENTIFIED IN THE DOCUMENTS. SUCH WORK SHALL INCLUDE ALL SUPPORTING MATERIALS AND COMPONENTS NECESSARY TO COMPLETE THE INSTALLATION FOR A FULLY OPERATIONAL, FUNCTIONAL AND STRUCTURALLY ANCHORED SYSTEM. CONSISTENT WITH STANDARD PRACTICES, MANUFACTURER'S RECOMMENDATIONS, AND GOVERNING CODES.
- THE CONTRACT DOCUMENTS ARE COMPLIMENTARY, AND WHAT IS CALLED FOR IN ONE PART SHALL BE AS BINDING AS IF CALLED FOR BY ALL. THE INTENT OF THE DOCUMENTS IS TO INCLUDE ALL WORK CONSISTENT THEREWITH AND REASONABLY INFERABLE THEREFROM AS BEING NECESSARY FOR THE COMPLETION OF THE CONTRACT, MATERIALS OR WORK DESCRIBED IN WORDS THAT INDICATE PROPER EXECUTION AND WELL KNOWN TECHNICAL OR TRADE DESIGNATION SHALL BE HELD TO **REFER TO RECOGNIZED STANDARDS.**
- ARCHITECT DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS. DIMENSIONS INDICATED BY FIGURES OR NUMERALS SHALL GOVERN. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
- OMISSIONS FROM THE PLANS AND SPECIFICATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING, MAKING, OR INSTALLING ALL ITEMS REQUIRED BY LAW OR USUALLY FURNISHED, MADE, OR INSTALLED IN ACCORDANCE WITH RECOGNIZED STANDARDS, FOR A PROJECT OF THE SCOPE AND CHARACTER INDICATED ON THE PLANS AND SPECIFICATIONS.

5.

- THE PLANS SHOW CONDITIONS AS THEY ARE SUPPOSED OR BELIEVED TO EXIST. BUT IT IS NOT INTENDED OR INFERRED THAT THE CONDITIONS AS SHOWN CONSTITUTE A REPRESENTATION OR WARRANTY EXPRESSED OR IMPLIED, THAT SUCH CONDITIONS ACTUALLY EXIST.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE CONTRACT DOCUMENTS. UPON DISCOVERY, ALL DEFECTIVE OR NONCOMPLIANT WORK SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR. FAILURE OF THE ARCHITECT TO **IDENTIFY NONCONFORMING WORK SHALL NOT** CONSTITUTE ACCEPTANCE OR IMPLIED ACCEPTANCE OF SUCH WORK.
- ANY DELAYS OR IMPACTS ARISING ON THE WORK AS A **RESULT OF CONSTRUCTION, FABRICATION OR DELIVERY** OF NONCONFORMING WORK OR MATERIALS SHALL BE THE CONTRACTOR'S SOLE EXPENSE, WITHOUT **REIMBURSEMENT FOR EXTENDED OVERHEAD.**
- THE CONTRACT DOCUMENTS INDICATE THE SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL DESIGN CONCEPT. THE DIMENSIONS OF THE MAJOR ARCHITECTURAL ELEMENTS, AND THE MAJOR DESIGN OF THE SYSTEMS. BASED ON THE SCOPE DESCRIBED HEREIN. PROVIDE ALL ITEMS, SYSTEMS, PRODUCTS AND LABOR REQUIRED OR INFERRED FOR THE PROPER **EXECUTION AND COMPLETE INSTALLATION OF THE** SPECIFIED PRODUCT.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE CONSTRUCTION ON THE SITE
- DETAILS NOT SHOWN ARE SIMILAR IN NATURE TO THOSE 12. DETAILED, WHERE CONDITIONS ARE SIMILAR. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CAN NOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK. TYPICAL DETAILS OCCUR AT ALL SIMILAR CONDITIONS, WHETHER REFERENCED OF NOT.
- WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS BY 13. VARIOUS TRADES. THE CONTRACTOR SHALL CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 14. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE BEST POSSIBLE INSTALLATION OF ALL BUILDING COMPONENTS AND EQUIPMENT.
- WHEN DISCREPANCIES EXIST WITHIN THE DRAWINGS, AND 15. BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE COSTLIER CONDITION SHALL APPLY.
- THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, PRIOR TO STARTING THE WORK, A COMPREHENSIVE LAYOUT INDICATING DIMENSIONAL CRITERIA FOR ALL VISIBLE BUILDING ELECTRICAL, SECURITY, LIFE SAFETY, CONTROLS, AND OTHER EQUIPMENT.
- PROPRIETARY PRODUCTS AND MATERIALS IDENTIFIED IN 17 THE DRAWINGS SHALL BE INTERPRETED AS THE BASIS OF DESIGN AND SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS AND COMPONENTS INDICATED IN THE SPECIFICATIONS. ALTERNATE PRODUCTS INDICATED WITHIN THE SPECIFICATIONS MAY BE USED IF EQUAL TO THE BASIS OF DESIGN. ALTERNATE PRODUCTS SHALL MATCH THE PERFORMANCE, QUALITY, AND PROFILE OF THE "BASIS OF DESIGN" PRODUCT AND MEET THE HOUSTON AIRPORT SYSTEM STANDARDS. CONTRACTOR SHALL CONSULT WITH ARCHITECT BEFORE PROCEEDING WITH AN ALTERNATE PRODUCT TO WHAT IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS
- SCAN EXISTING SLAB PRIOR TO DRILLING, 18. CUTTING, CORING OR SHOOTING INTO THE SLAB. **PROVIDE GPR OR BETTER X-RAY SCANNING PER HAS** STANDARDS. SCANS TO BE SUBMITTED BEFORE WORK CAN BE PERFORMED. SEAL SLAB PENETRATIONS TO MAINTAIN FIRE RATING.
- 19. PROVIDE GRAPHICS ON CONSTRUCTION BARRIER WALLS COORDINATE WITH HAS. 20
- DEVELOP A CONSTRUCTION PHASING PLAN IN COORDINATION WITH OWNER. COORDINATE WITH OWNER AND OPERATIONS CONSTRUCTION PHASING. SCHEDULES AND AFTER BUSINESS HOUR WORK REQUIREMENTS.

DELEGATED DESIGN

- THE FOLLOWING BUILDING SYSTEMS SHALL BE DESIGN/BUILD BY THE CONTRACTOR AND SHALL BE SUBMITTED FOR SEPARATE REVIEW TO THE AUTHORITIES HAVING JURISDICTION:
- NON-STRUCTURAL MISCELLANEOUS STEEL FABRICATIONS.
- COLD FORMED METAL FRAMING



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TEXAS ACCESSIBLITY 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.

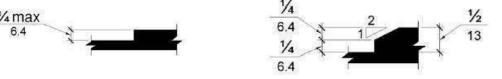


FIG. 303.2 VERTICAL CHANGE IN LEVEL FIG. 303.3 BEVELED CHANGE IN LEVEL

304 TURNING SPACE

304.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A

304.3.1 CIRCULAR SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES

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

INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF

1525

36 min

FIG. 304.3.2 T-SHAPED TURNING 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

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

FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT

305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES (760 MM)

FIG. 305.3 CLEAR FLOOR OR GROUND SPACE

30 min

MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES (610 MM).

MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES (380 MM).

forward

CLEAR FLOOR OR GROUND SPACE.

С

ACCORDANCE WITH 305.7.1 AND 305.7.2.

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR

305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE

FIG. 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

305.6 APPROACH. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR

IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF

305.7.1 FORWARD APPROACH. ALCOVES SHALL BE 36 INCHES (915 MM)WIDE

305.7.2 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES (1525 MM) WIDE

36 min

FIG. 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

60 min

FIG. 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER

305.7 MANEUVERING CLEARANCE. WHERE A CLEAR FLOOR OR GROUND SPACE

THREE SIDES, ADDITIONAL MANEUVERING CLEARANCE SHALL BE PROVIDED IN

parallel

GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE

SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN

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

(1525 MM) DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE

304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE

PERMITTED.

PERMITTED.

COMPLYING WITH 306.

ELEMENT.

304.3 SIZE. TURNING SPACE SHALL COMPLY WITH 304.3.1 OR 304.3.2.

TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT

304.1 GENERAL. TURNING SPACE SHALL COMPLY WITH 304.

KNEE AND TOE CLEARANCE COMPLYING WITH 306.

EITHER THE BASE OR ONE ARM.

24 min

12 min

305 CLEAR FLOOR OR GROUND SPACE

MINIMUM BY 48 INCHES (1220 MM) MINIMUM

307 PROTRUDING OBJECTS

402 ACCESSIBLE ROUTES

403 WALKING SURFACES

NOT BE STEEPER THAN 1:48.

COMPLYING WITH 403.5.

THE INTERSECTION.

COMPLY WITH 505.

42 min

X < 48/

180 degree turn

42 min

36 min

X < 48

180 degree turn

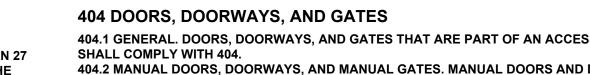
(Exception)

36 min

MINIMUM.

COMPLY WITH 302.

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 (2030 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

402.1 GENERAL. ACCESSIBLE ROUTES SHALL COMPLY WITH 402.

403.1 GENERAL. WALKING SURFACES THAT ARE A PART OF AN

THE APPLICABLE REQUIREMENTS OF CHAPTER 4.

ACCESSIBLE ROUTE SHALL COMPLY WITH 403.

42 INCHES (1065 MM) MINIMUM LEAVING THE TURN.

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

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL

403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE

STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL

403.4 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 303.

403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE

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

APPROACHING THE TURN, 48 INCHES (1220 MM) MINIMUM AT THE TURN AND

(1220 MM) WIDE, CLEAR WIDTH SHALL BE 42 INCHES (1065 MM) MINIMUM

403.5.3 PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH

LESS THAN 60 INCHES (1525 MM) SHALL PROVIDE PASSING SPACES AT

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

403.6 HANDRAILS. WHERE HANDRAILS ARE PROVIDED ALONG WALKING

FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL

INTERVALS OF 200 FEET (61 M) MAXIMUM. PASSING SPACES SHALL BE

CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (915 MM)

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES

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

404.2 MANUAL DOORS, DOORWAYS, AND MANUAL GATES. MANUAL DOORS AND DOORWAYS

404.1 GENERAL. DOORS, DOORWAYS, AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE

EXCEED 4 INCHES (100 MM).

DOOR OR GATE.

COMPLY WITH 302 AND 303.

SECONDS MINIMUM.

PLATES SHALL BE CAPPED.

LEAVES IN THE OPEN POSITION.

SHALL COMPLY WITH 404.2.6.

Approach Direction

From front

From front

From hinge side

From hinge side

From hinge side

From latch side

From latch side

3. Bevond hinge side.

Approach Direction

From Front

From side¹

From pocket/hinge side

front approach, pull side

front approach, push side, door provided with both closer and latch

42 min

From stop/latch side

"REFERENCED STANDARDS" IN CHAPTER 1).

SIDES.

FOLLOWS:

404.2.4

WITH 404.2.5.

DOOR SWING.

MODE.

LEVEL ARE NOT PERMITTED.

DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 404.2.3 AND 404.2.4.

MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (865 MM) ABOVE THE FINISH

404.2.3 CLEAR WIDTH. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (815 MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 OPENING OF 36 INCHES (915 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE

404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND

GATES SHALL COMPLY WITH 404.2.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL

404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE

404.2.4.3 RECESSED DOORS AND GATES. MANEUVERING CLEARANCES FOR FORWARD

APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES (455

404.2.4.4 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACE WITHIN

404.2.5 THRESHOLDS. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH (13 MM)

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

OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 309.4. OPERABLE PARTS OF

MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY

404.2.8.1 DOOR CLOSERS AND GATE CLOSERS. DOOR CLOSERS AND GATE CLOSERS

REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5

SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME

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

404.2.7 DOOR AND GATE HARDWARE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER

OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH

404.2.8 CLOSING SPEED. DOOR AND GATE CLOSING SPEED SHALL COMPLY WITH 404.2.8.

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

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR

404.2.10 DOOR AND GATE SURFACES. SWINGING DOOR AND GATE SURFACES WITHIN 10

INCHES (255 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 (1.6 MM) OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK

STANDARDS" IN CHAPTER 1). LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19 (1997 OR 2002 EDITION) (INCORPORATED BY REFERENCE, SEE

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

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

404.3.3 THRESHOLDS. THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY

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

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

Table 404.2.4.2 Maneuvering Clearances at Doorways without Doors or Gates,

Manual Sliding Doors, and Manual Folding Doors

Perpendicular to Doorway

48 inches (1220 mm)

42 inches (1065 mm)

42 inches (1065 mm)

42 inches (1065 mm)

Perpendicular to

60 inches (1525 mm)

48 inches (1220 mm)

60 inches (1525 mm)

54 inches (1370 mm)

42 inches (1065 mm)²

48 inches (1220 mm)4

42 inches (1065 mm)₄

Minimum Maneuvering Clearance

Doorway

404.3.7 REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES. REVOLVING DOORS,

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

Door or Gate Side

Push

Pull

Push

Pull

18 mir

1. Add 12 inches (305 mm) if closer and latch are provided. 2. Add 6 inches (150 mm) if closer and latch are provided.

4. Add 6 inches (150 mm) if closer is provided.

Push

Type of Use

404.3.4 DOORS IN SERIES AND GATES IN SERIES. DOORS IN SERIES AND GATES IN SERIES

404.3 AUTOMATIC AND POWER-ASSISTED DOORS AND GATES. AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH 404.3. FULL-POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10 (INCORPORATED BY REFERENCE, SEE "REFERENCED

DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS

SUCH HARDWARE SHALL BE 34 INCHES (865 MM) MINIMUM AND 48 INCHES (1220 MM)

HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL

REQUIRED MANEUVERING CLEARANCES SHALL COMPLY WITH 302. CHANGES IN

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

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

WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING

MANEUVERING CLEARANCES COMPLYING WITH TABLE 404.2.4.1.

CLEARANCES COMPLYING WITH TABLE 404.2.4.2.

PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE.

TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM.

1.INTERIOR HINGED DOORS AND GATES: 5 POUNDS (22.2 N) MAXIMUM.

2.SLIDING OR FOLDING DOORS: 5 POUNDS (22.2 N) MAXIMUM.

FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (865 MM) AND 80 INCHES (2030 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT

hinge approach, pull side

22 inches (560 mm)² 24 inches (610 mm) 1. Doorway with no door only. 2. Beyond pocket/hinge side.

Minimum Maneuvering Clearance

Parallel to Doorway

(beyond latch side

18 inches (455 mm)

0 inches (0 mm)

36 inches (915 mm)

42 inches (1065 mm)

24 inches (610 mm)

24 inches (610 mm)

Parallel to Doorway (beyond

stop/latch side unless

noted)

0 inches (0 mm)

0 inches (0 mm)

22 inches (560 mm)³

unless noted)

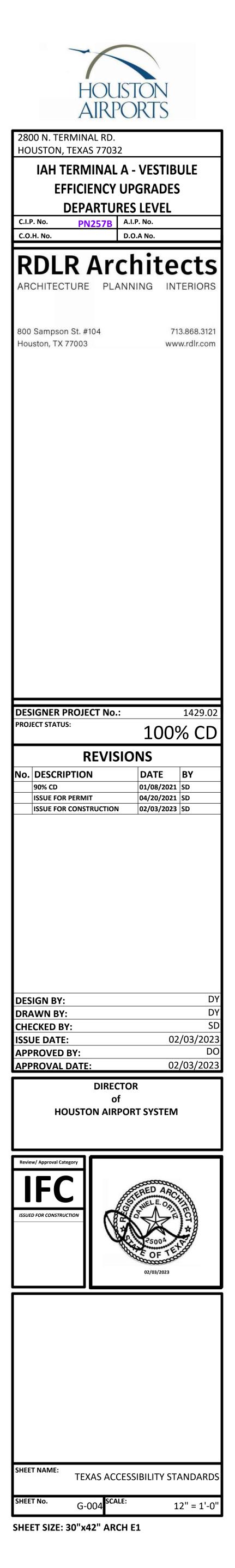
front approach, push side _____ 915 hinge approach, pull side

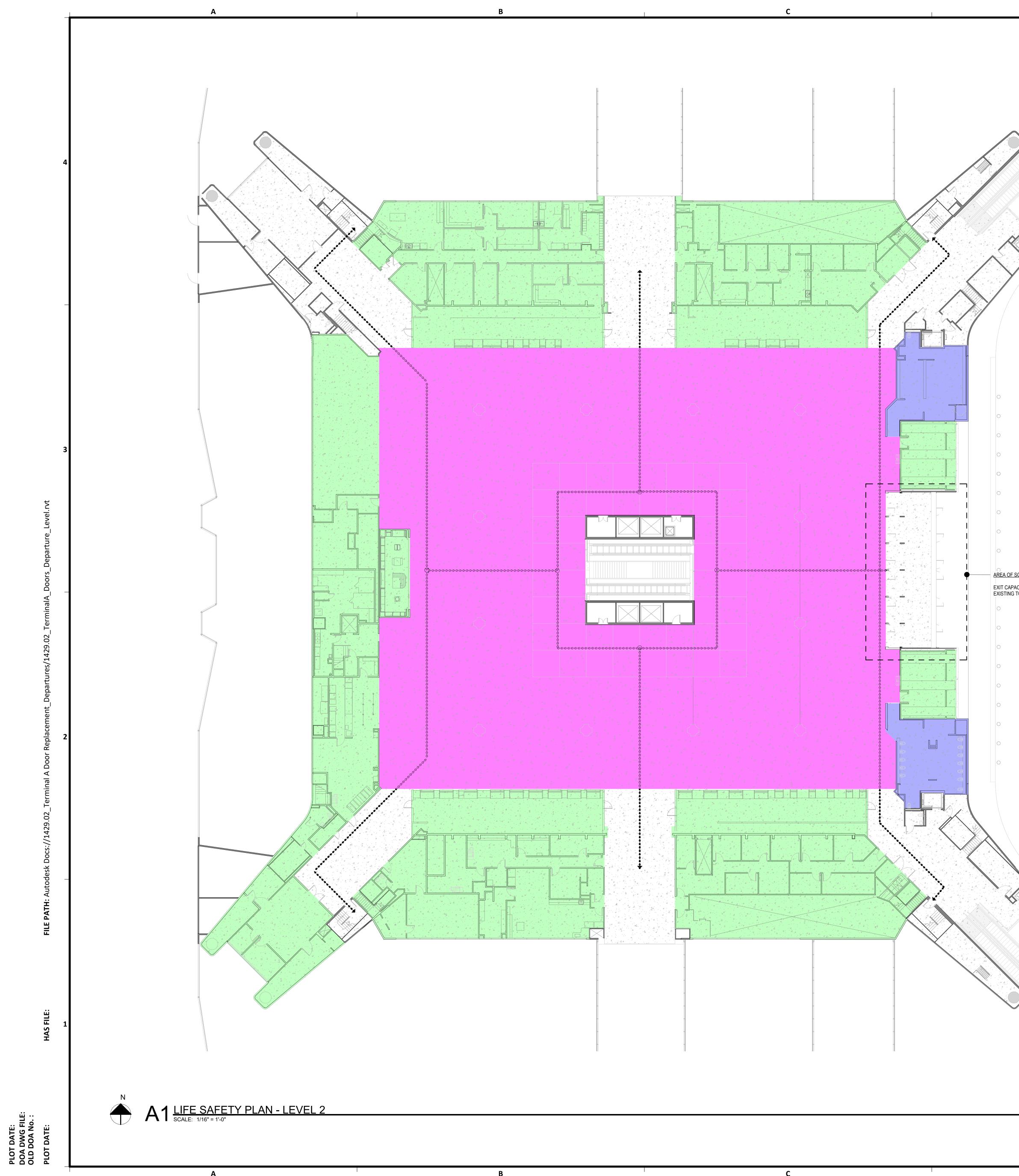
22 min

hinge approach, push side

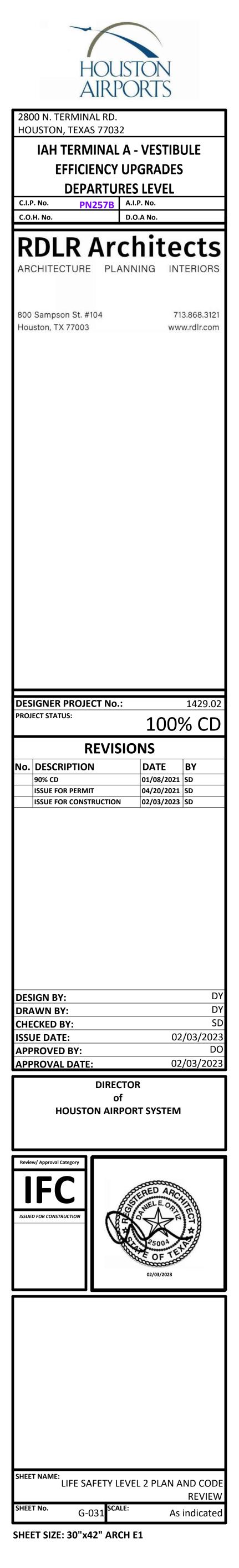
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	APPLICABLE BUILDING CODES 2012 INTERNATIONAL BUILDING CODE WITH CITY OF HOUSTON AMENDMENTS 2012 INTERNATIONAL FIRE CODE WITH CITY OF HOUSTON AMENDMENTS 2012 UNIFORM MECHANICAL CODE WITH CITY OF HOUSTON AMENDMENTS 2012 UNIFORM PLUMBING CODE 2017 NATIONAL ELECTRICAL CODE	
	2015 INTERNATIONAL ENERGY CONSERVATION CODE CITY OF HOUSTON AMENDMENTS STATE OF TEXAS ACCESSIBILITY STANDARDS ARCHITECTURAL BARRIERS PROJECT REGISTRATION: PROJECT DESCRIPTION: REPLAEMENT OF EXISTING SLIDING DOORS WITH NEW	
	AND EXPAND DEPTH OF VESTIBUE 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 LOADAIRPORT TERMINALCONCOURSE100 GSF/OCCUPANTBUSINESSBUSINESS AREAS100 GSF/OCCUPANTTICKETING AREAS15 GSF/OCCUPANTBAGGAGE HANDELING / SUPPORT SPACES300 GSF/OCCUPANTOCCUPANT LOAD IS EXISTING TO REMIANEGRESS 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'	
E SCOPE OF WORK PACITY MATCHES G TOTAL OF 465"		
	THE FOLLOWING SYMBOLS INDICATE NUMBERS OF GIVEN OCCUPANTS IN A GIVEN ROOM OR AREA:	
	XX XX Image: Constraint of the second secon	
	101 B-2 XXXX SF OCCUPANCY LOAD FACTOR FLOOR FINISH ROOM AREA AND OCCUPANCY TYPE TRAVEL PATH	
	XX' TOTAL TRAVEL DISTANCE TO EXIT FROM START OF EGRESS	



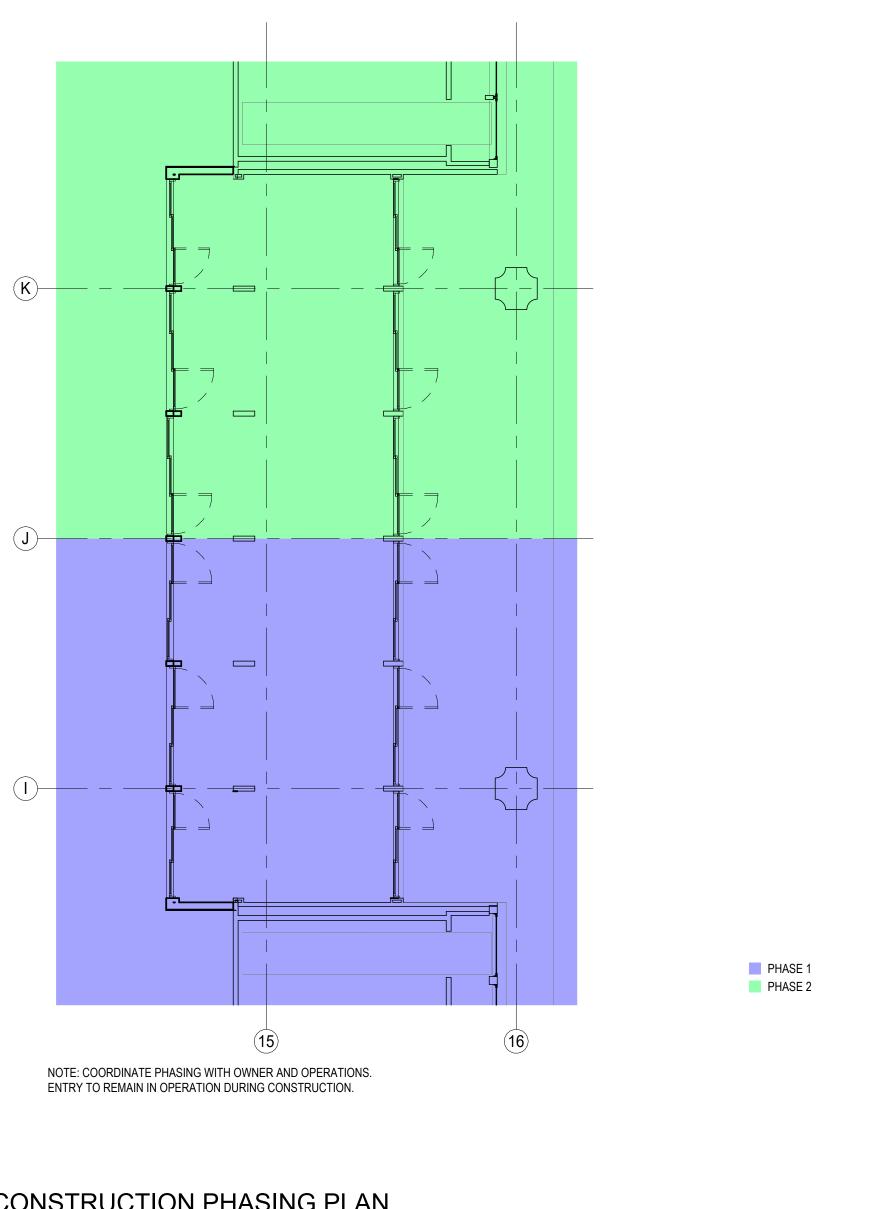
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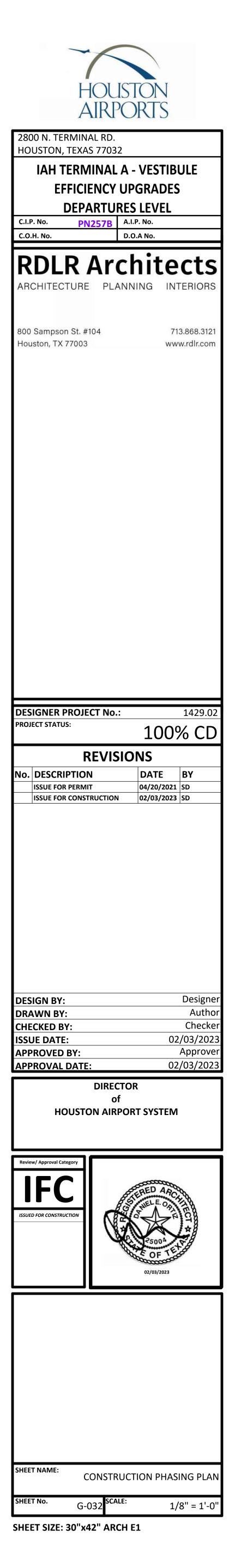
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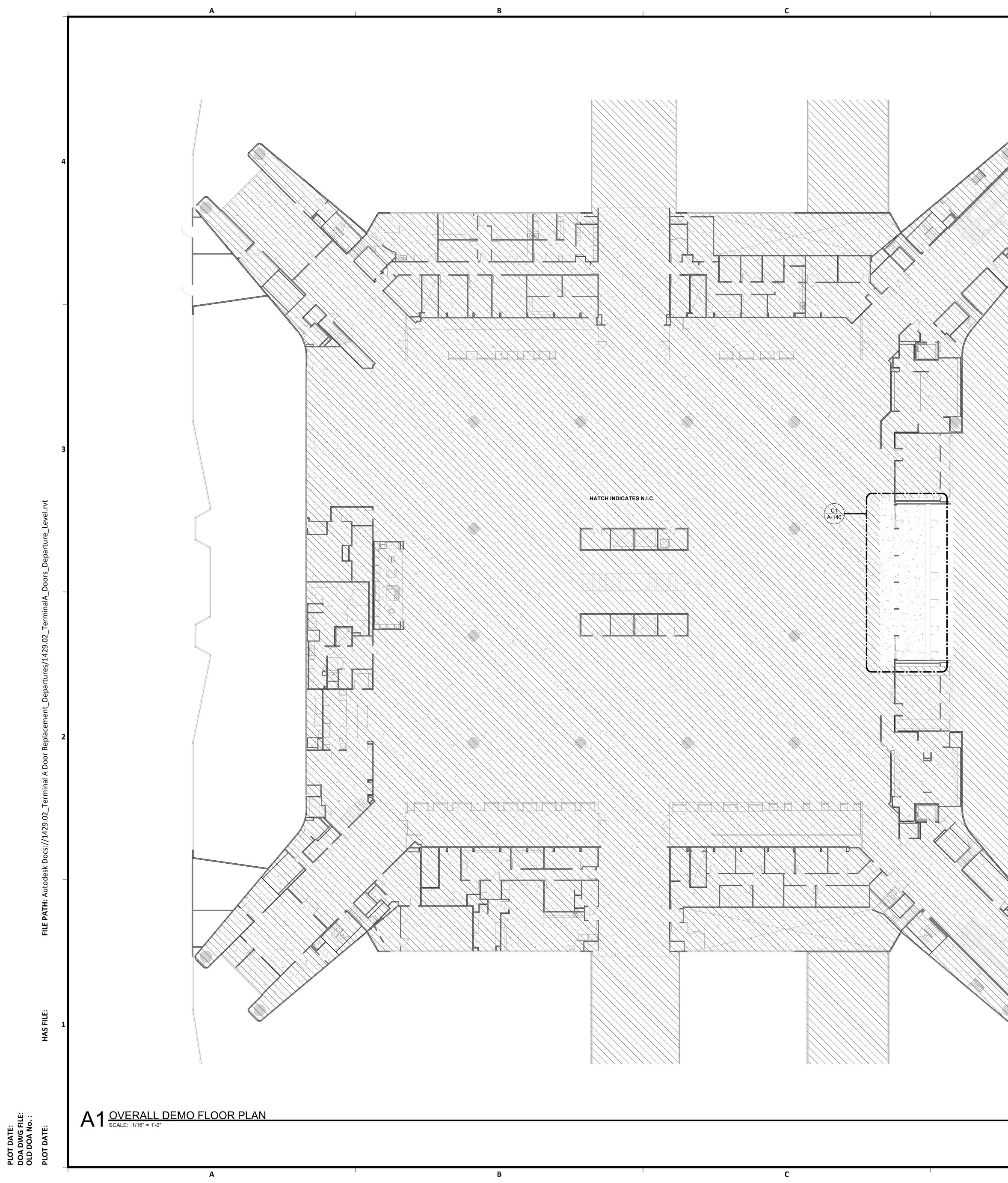
D1 <u>CONSTRUCTION PHASING PLAN</u> SCALE: 1/8" = 1'-0"

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D







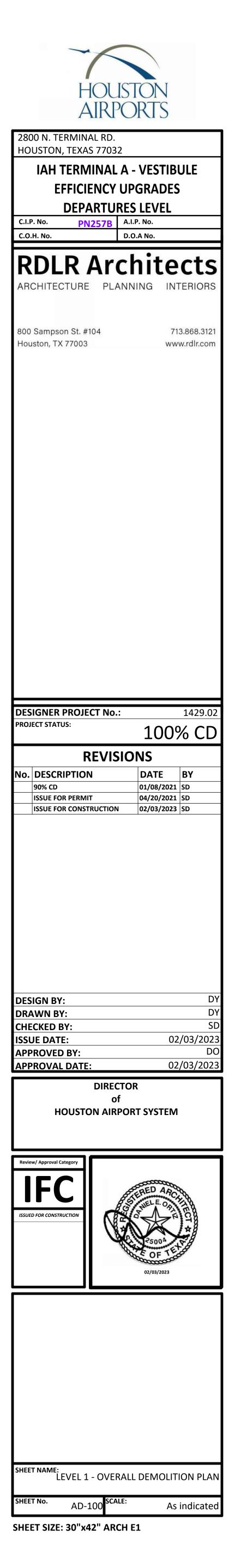
1. REFER TO SHEET G-002 FOR SYMBOL LEGENDS & ABBREVIATIONS. REFER TO G-003 FOR GENERAL NOTES

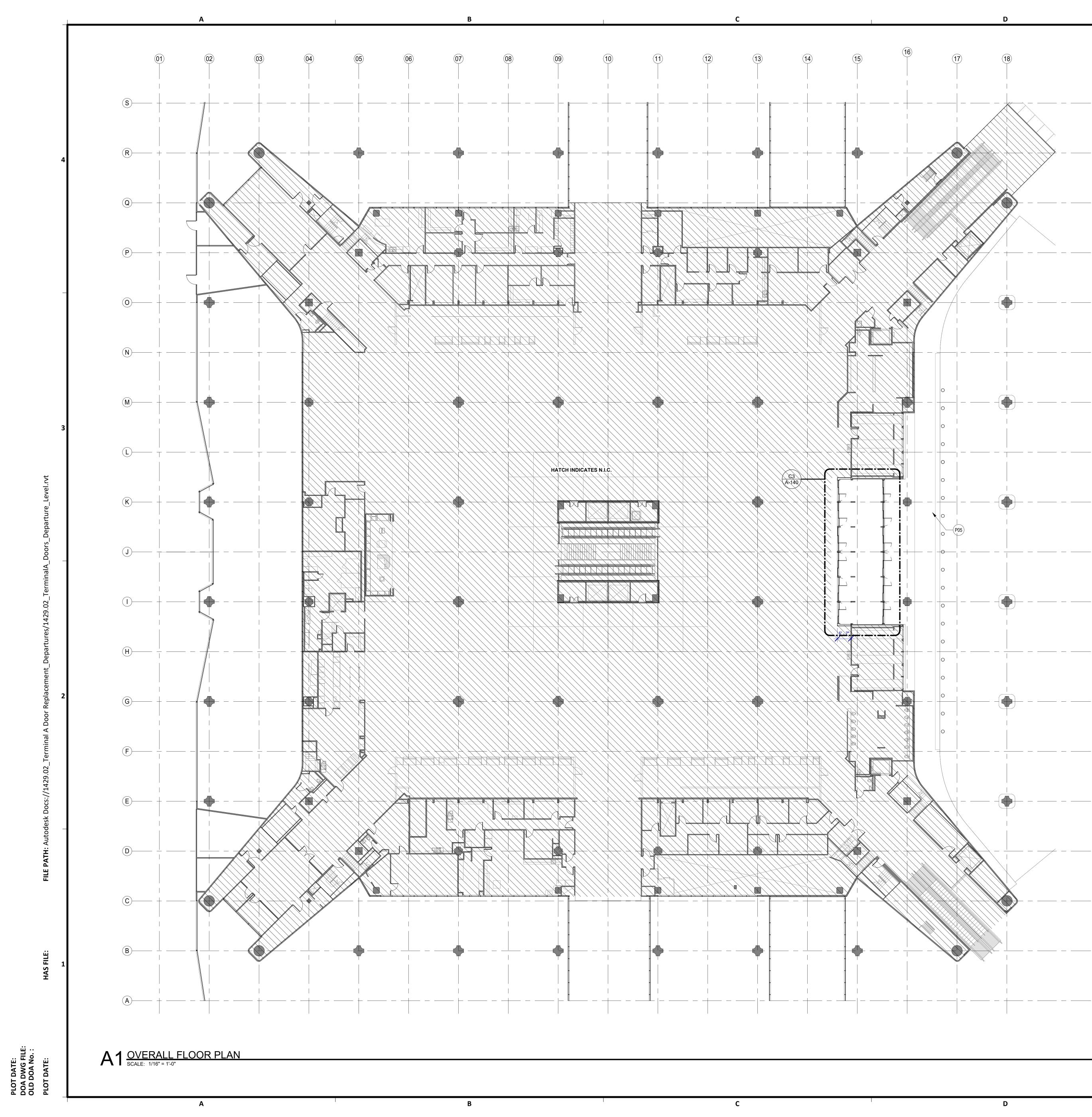
2. PROTECT ALL EXISTING FLOORING, WALLS, CEILINGS, LIGHT FIXTURES & MECHANICAL DEVICES DURING DEMOLITION. REPAIR AND REPLACE ANY DAMAGES AS A RESULT OF WORK AT NO COST TO THE OWNER.

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.







_____ ___



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 ACCESSIBLITY 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

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.

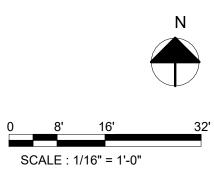
6. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.

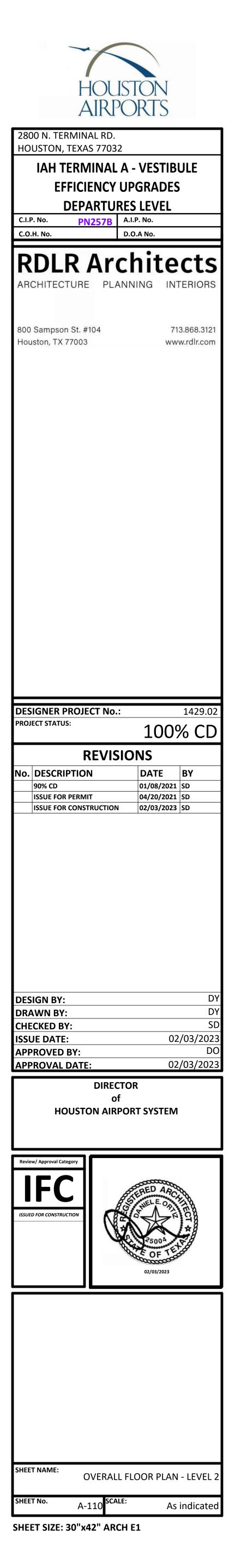
ROUGH-IN.

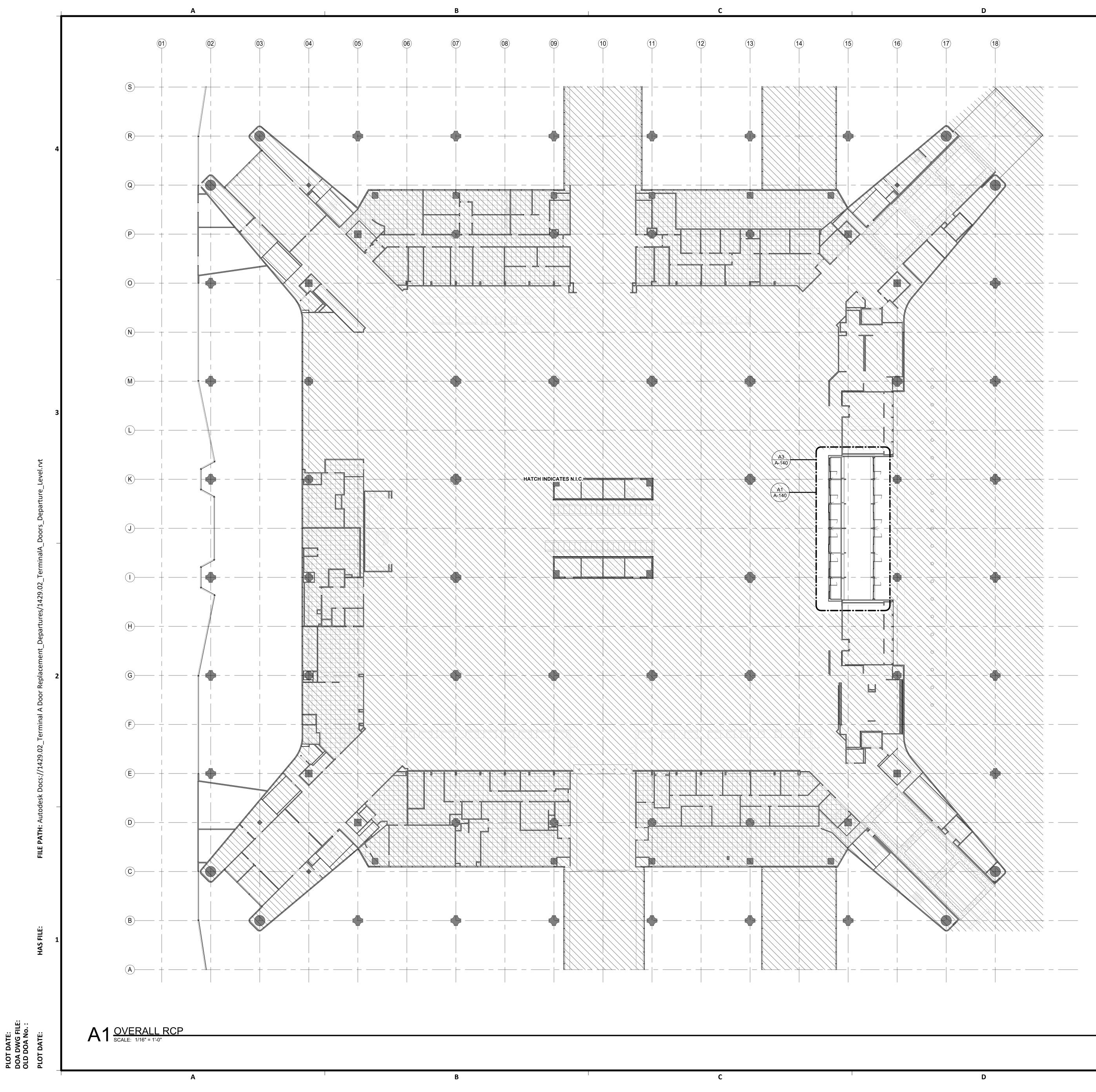
KEY VALUE

KEYNOTE LEGEND KEYNOTE TEXT

PRESSURE WASH SIDEWALK AND CURBS. P05





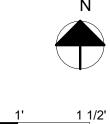


RCP GENERAL NOTES

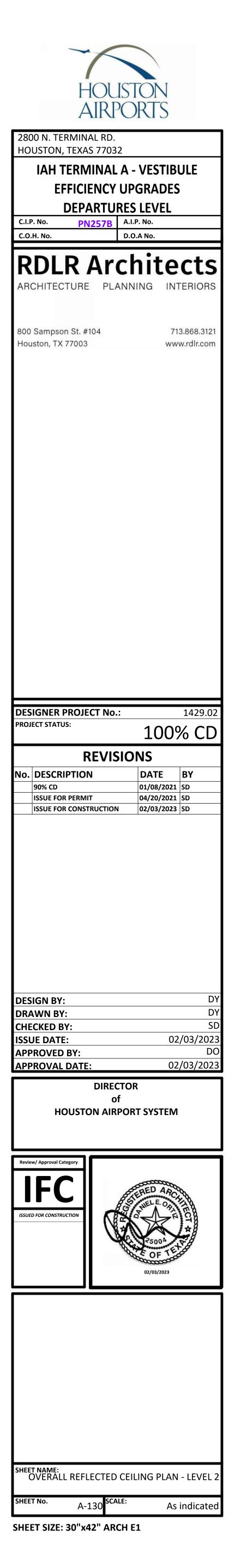
1. ALL LIGHT FIXTURES TO REMAIN.

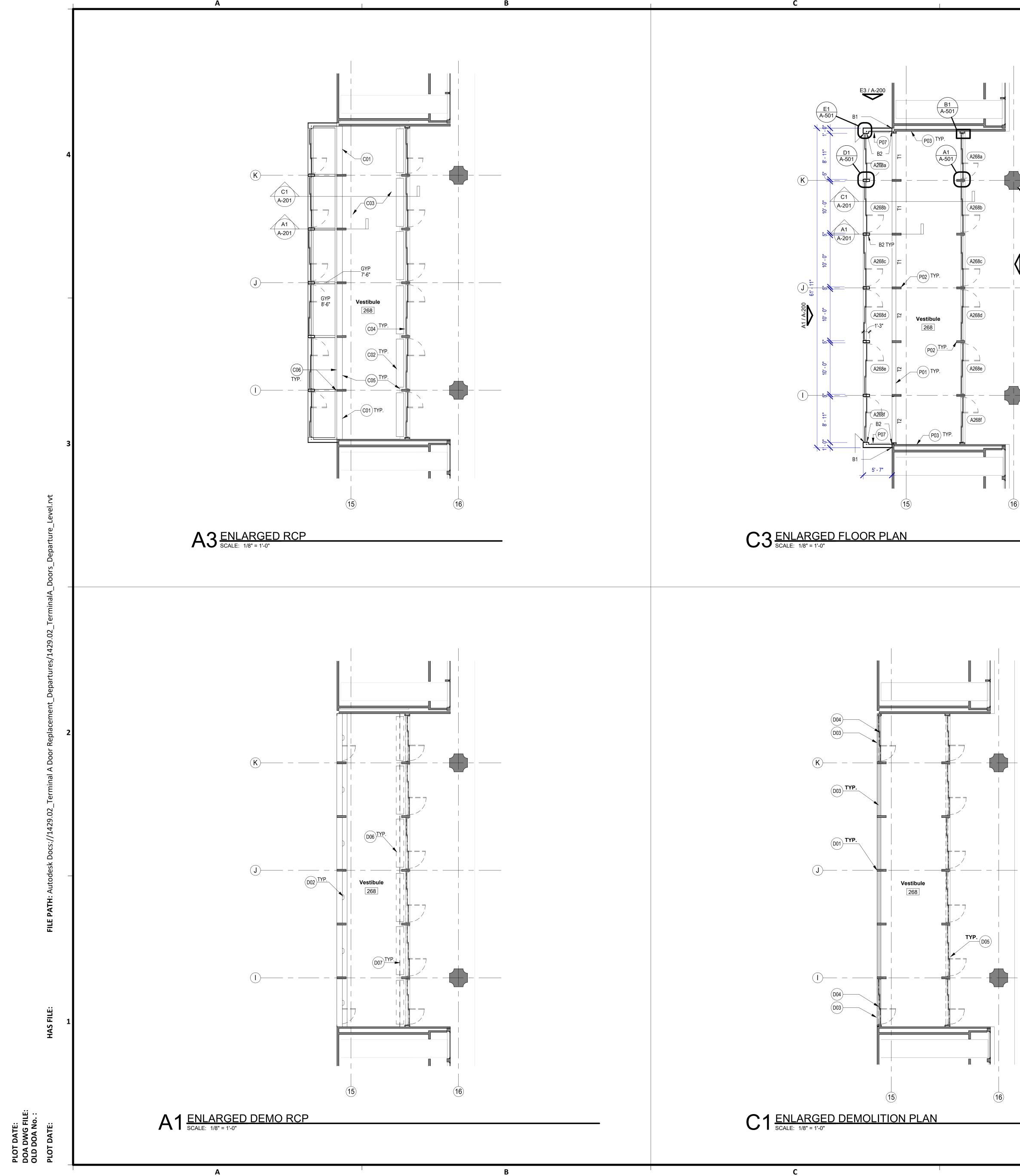
2. REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS. 3. EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED.

4. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.



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





-(P04)

(P04

1. REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS

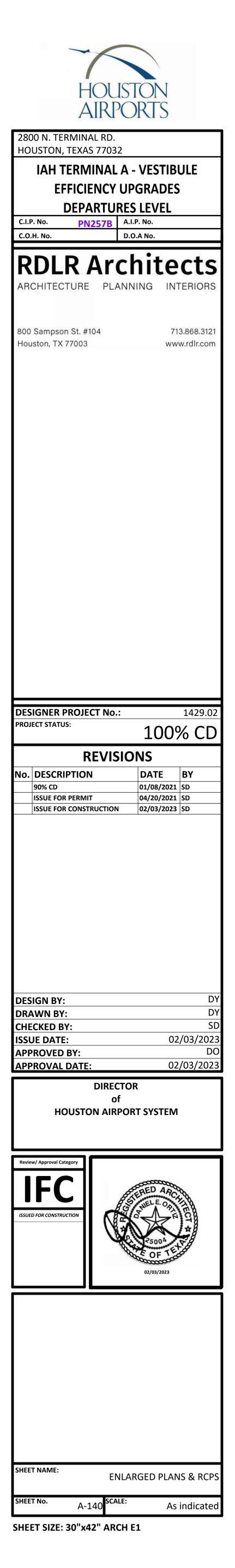
2. REFER TO G-003 FOR GENERAL NOTES & G-004 FOR TEXAS ACCESSIBLITY STANDARDS 3. ALL LOCATIONS OF ELECTRICAL DEVICES, FIRE ALARM DEVICES, SECURITY DEVICES AND ACCESS PANELS SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.

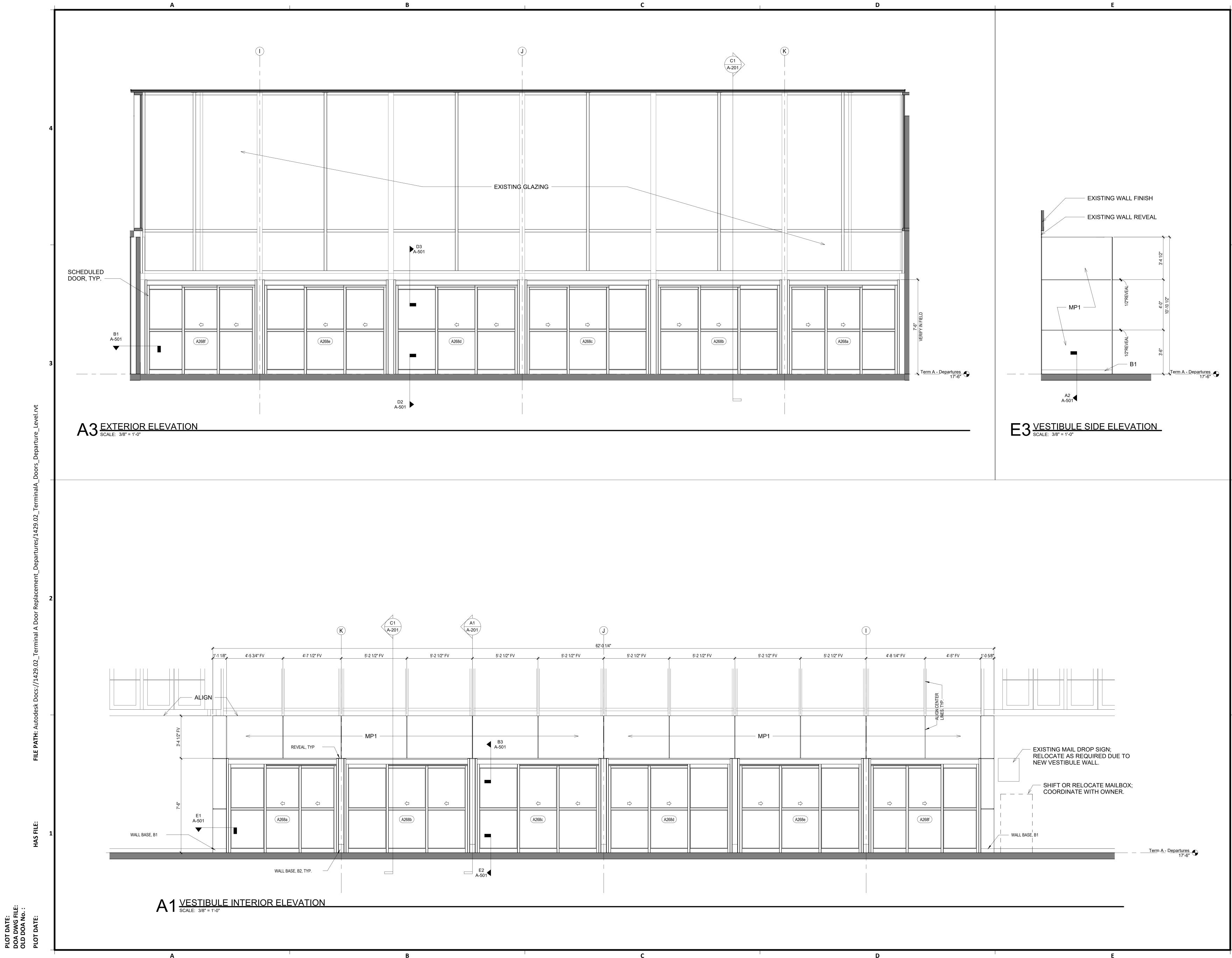
4. CONTRACTOR TO VERIFY ALL OPENING MEASUREMENTS IN FIELD PRIOR TO INSTALLATION.

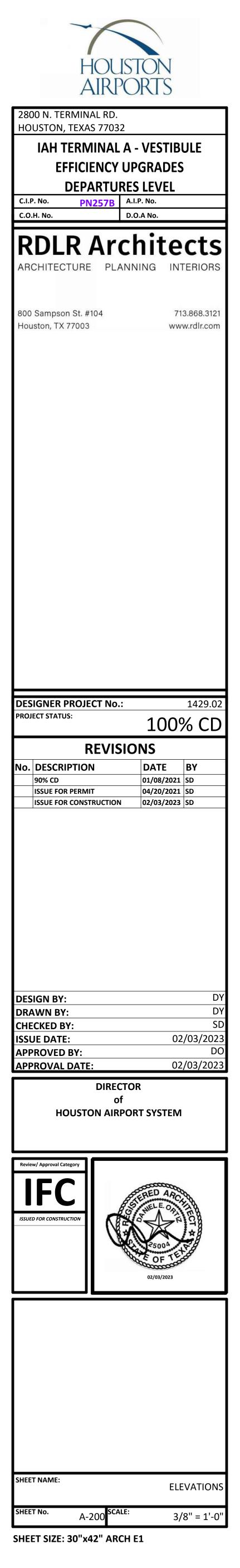
5. EXISTING WALLS AT VESTIBULE TO BE REPAINTED. MATCH EXISTING COLOR. EXISTING CURTAINWALL AND MULLIONS TO BE CLEANED. 6. REFER TO A110 FOR ADDITIONAL SCOPE AT EXTERIOR.

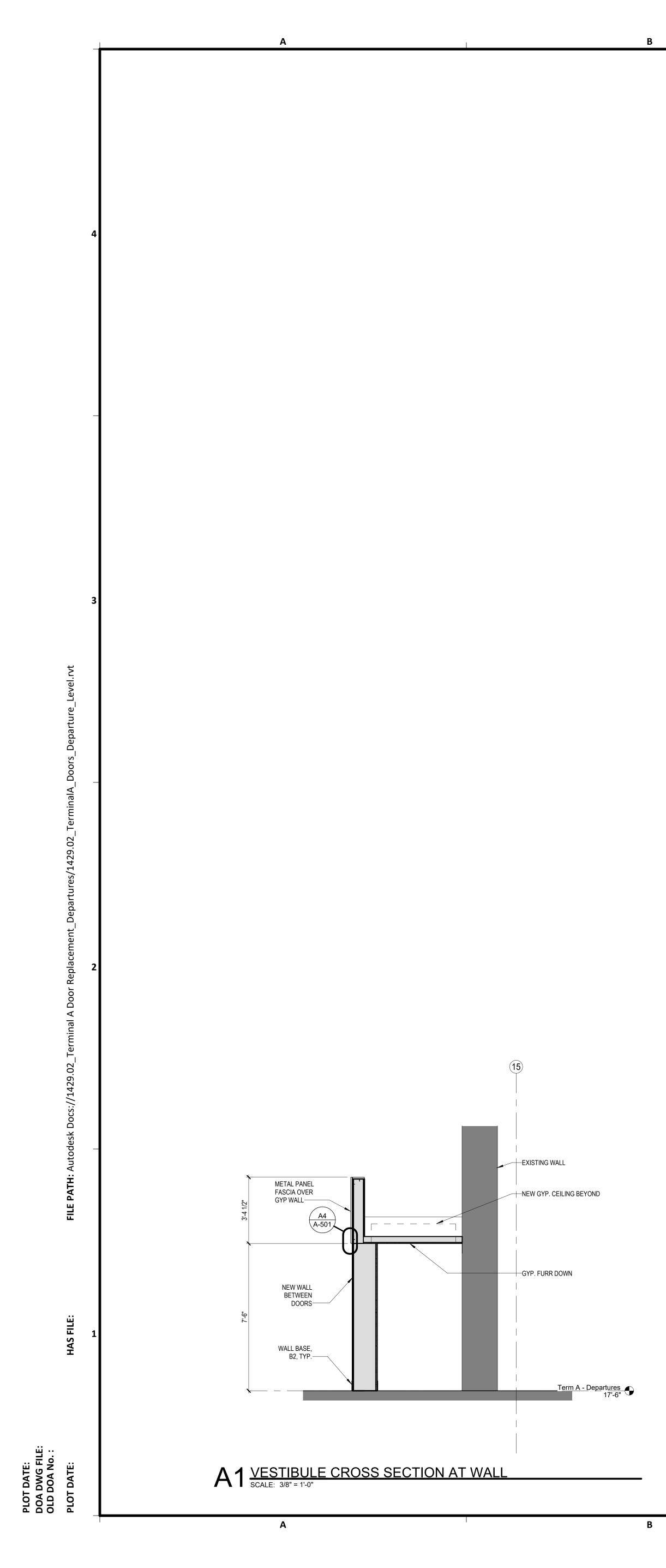
KEY VALUE	KEYNOTE TEXT						
KET VALUE							
C01	PROVIDE GYP FUR DOWN TO MATCH EXISTING CONDITION OF ADJACENT EXISTING OPENINGS.						
C02	NEW AIR CURTAIN, REFER TO MECHANICAL DRAWINGS.						
C03	CLEAN CEILING; REPLACE DAMAGED TILES WITH NEW AS REQUIRED. GYPSUM CEILING SURFACES TO BE CLEANED AND PAINTED IN VESTIBULE.						
C04	CLEAN EXISTING CURTAIN WALL MULLIONS IN VESTIBULE.						
C05	PAINT HEADER ABOVE DOORS AND OPENINGS.						
C06	NEW CEILING FRAMING TO ATTACH TO EXISITNG HEADER AND WALL FRAMING. DEMO EXISITNG FINISH AS REQUIRED AND PATCH, REPAIR ANI PAINT.						
D01	REPAIR EXISTING WALLS; REMOVE HARDWARE, PATCH HOLES, AND REPAINT. REPLACE DAMAGED CORNER TRIM AS REQUIRED.						
D02	REMOVE ABANDONED DOOR SENSORS ABOVE AND PATCH, REPAIR, AND REPAINT 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 CURTAIN 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 EXISITNG 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.						

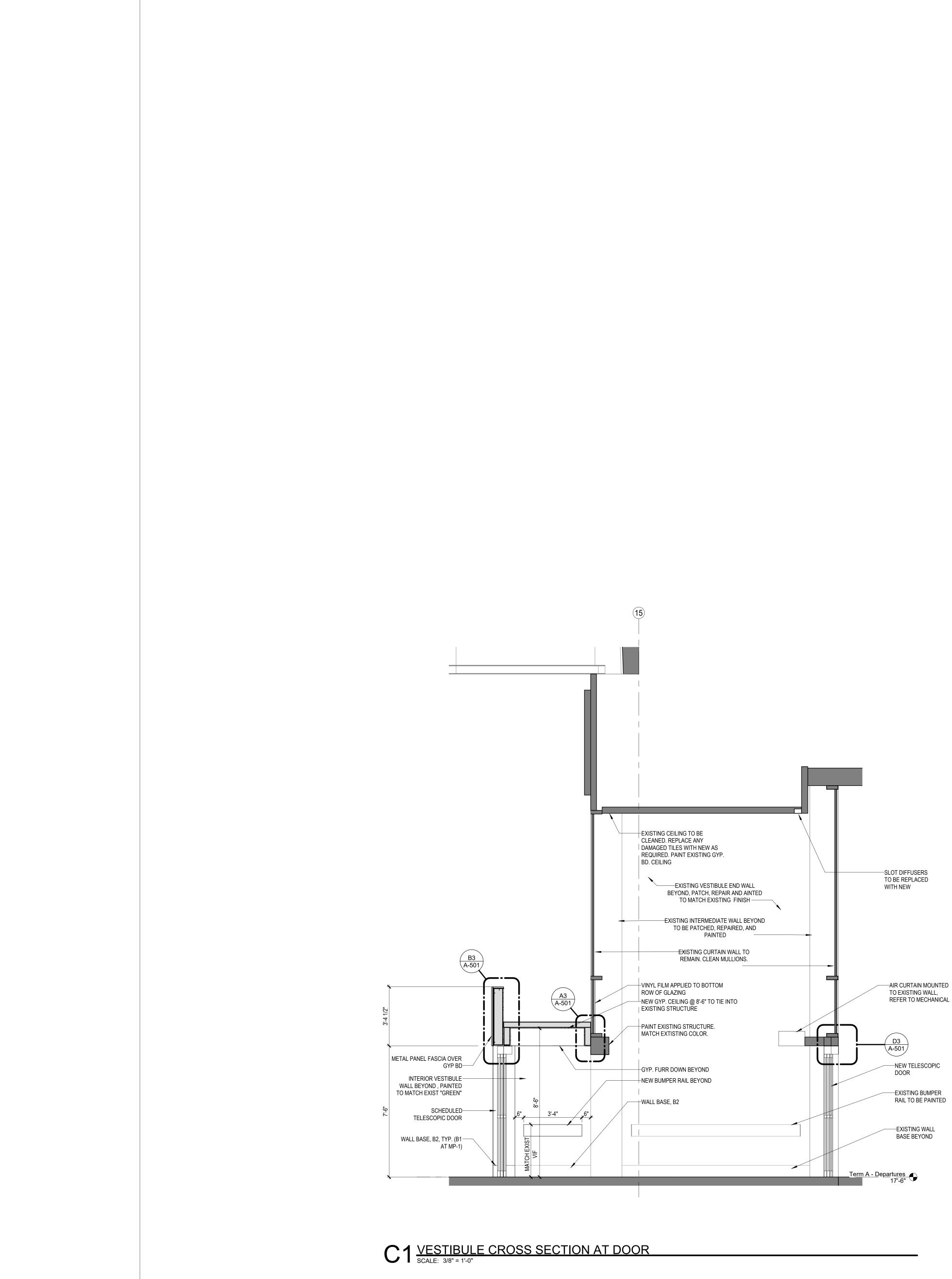
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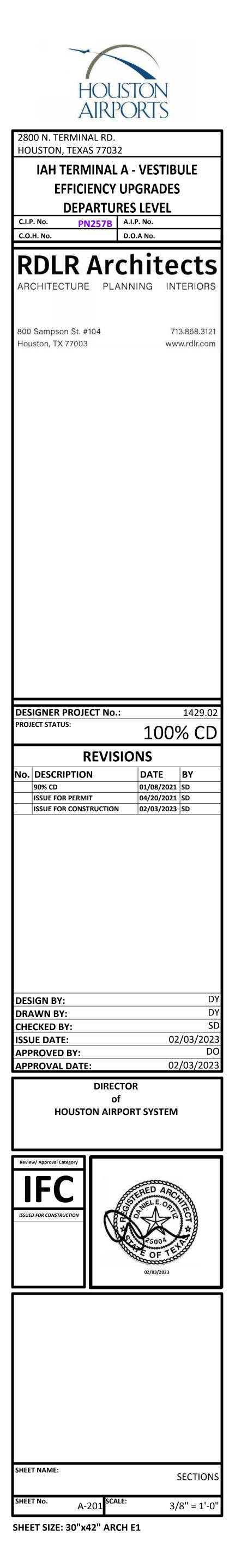


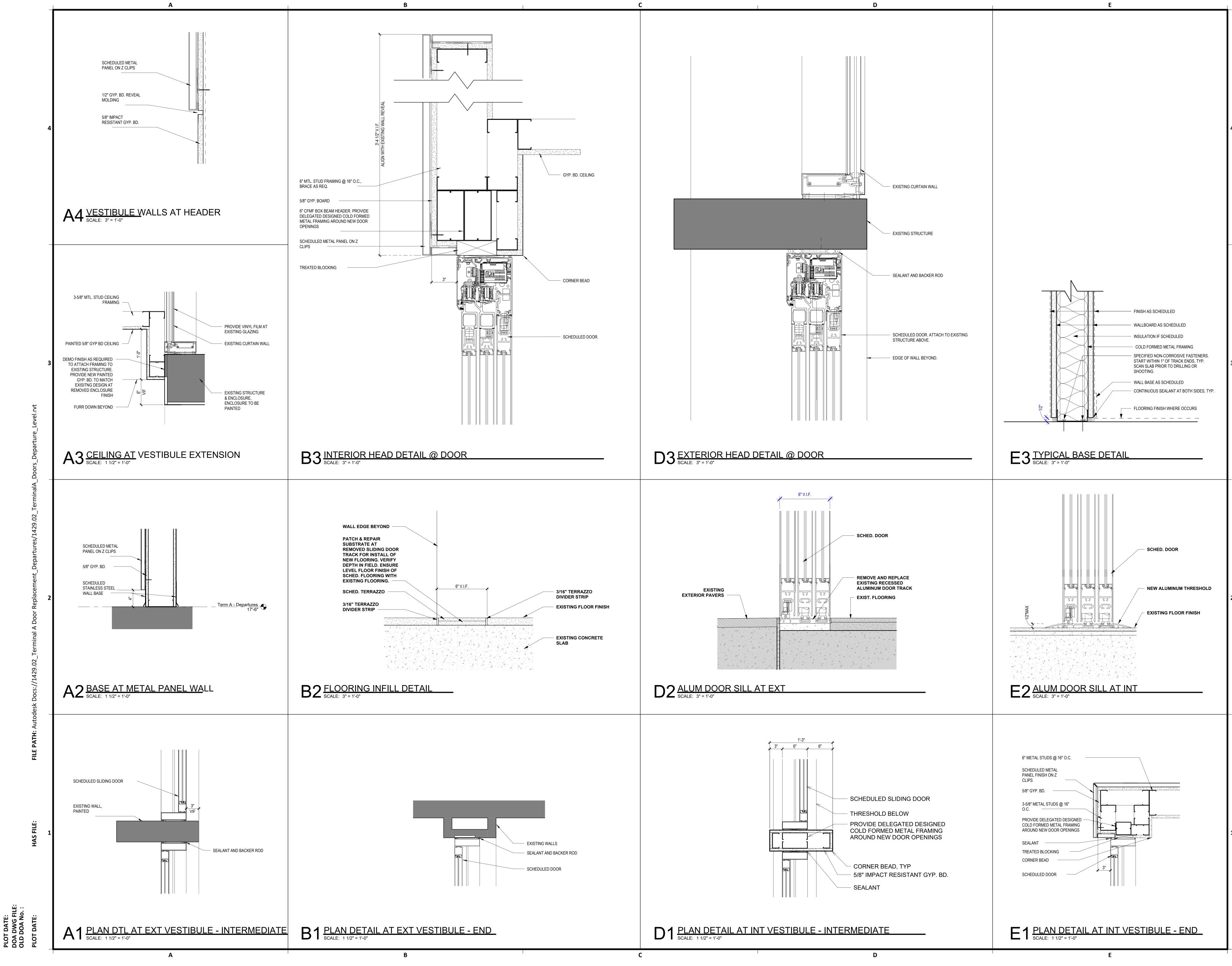




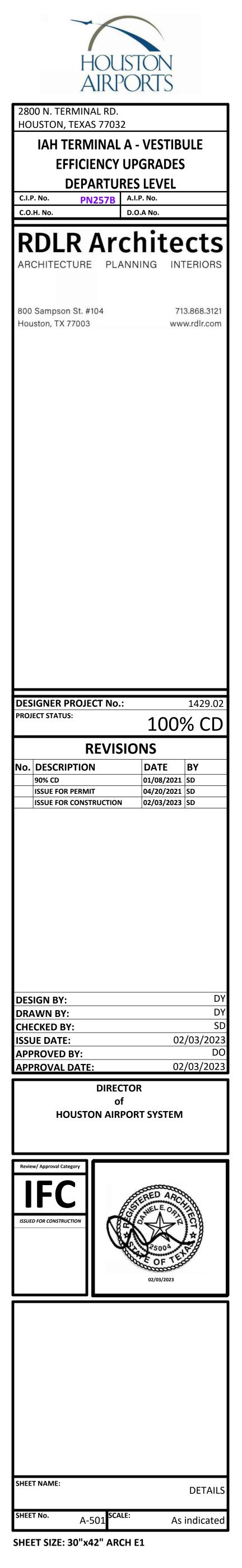








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			MATE	ERIALS & FINISH KEY
			<u>GENERAL NO</u>	TE - MATERIALS & FINISHES ARE INTENDED TO MATCH EXISTING
			<u>GLAZING</u>	
			GL1 GL2	1/2" STRENGTHENED SAFETY GLAZING- INTERIOR USE 1" INSULATED SAFETY GLAZING- EXTERIOR USE
			<u>SEALANT</u>	
		4		GRAY Y ALL SEALANT AND CAULK COLORS AND LOCATIONS IN THE
			FIELD WITH A	RCHITECT
			<u>PAINT</u> P1	TO MATCH EXISTING WALL AND CEILING COLOR AND FINISH
			P1	TO MATCH EXISTING WALL AND CEILING COLOR AND FINISH
			<u>METAL PANE</u> MP1	L BASIS OF DESIGN:
				MANUFACTURER - GORDON, WALL SYSTEMS - SMOOTH ALUMINUM, FINISH TBD
		_	<u>TERRAZZO</u> T1	MATCH EXISTING ADJACENT "WHITE" TERRAZZO FLOORING
			T2	MATCH EXISTING ADJACENT "GREY" TERRAZZO FLOORING
			BASE	
			B1 B2	4" STAINLESS STEEL, #4 SATIN POLISH 16 GA STAINLESS STEEL, #4 SATIN POLISH 16 GA, MATCH HEIGHT
				OF EXISTING BASE INSIDE VESTIBULE
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DO	OR SCHE	DULE								
				DOOR FR	RAME			DETAILS		
MARK	LOCATION	GLAZIN G TYPE	FRAME HEIGHT	FRAME WIDTH	MATERIA L	FINISH	JAMB	HEAD	THRESHOLD	REMARKS
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	Vetsibule - 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

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DOOR GENERAL NOTES

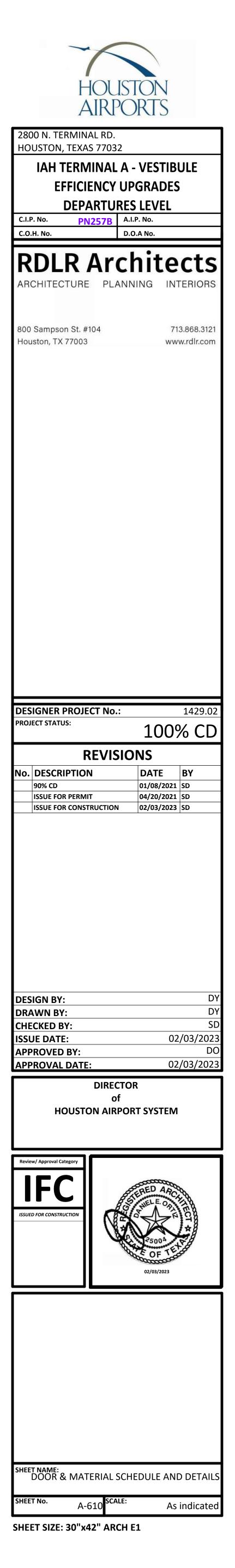
- . ALL UNDERCUT DOOR REQUIREMENTS FOR VARIOUS FLOOR FINISHES SHALL BE VERIFIED AND COORDINATED BY THE CONTRACTOR.
- ALL DOOR OPENINGS, FRAMES, AND HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.
- COORDINATE ALL DOORS AND DETAILS TO PROVIDE ADEQUATE CLEA
- COORDINATE ALL DOORS AND 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

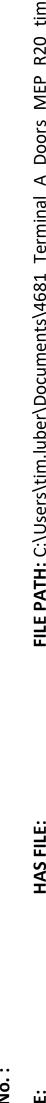
- 1. BASIS OF DESIGN ASSA ABLOY BESAM SL500 AUTOMATIC TELESCOPIC SLIDING DOOR
- 2. FIELD VERIFY EXISTING DOOR OPENINGS

MATERIALS AND FINISHES GENERAL NOTES

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



		Α	В
	ABBREV.	DESCRIPTION	GENERAL DEMOLITION NOTES:
	& Ø	AND PHASE	A. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF
	A, AMP A.I.P. AIC ASHRAE	AMPERES AIRPORT IMPROVEMENT PROGRAM AMPERES INTERRUPTING CAPACITY AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	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 SHAL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING
	AWG B.S.G. BH1	AMERICAN WIRE GAUGE BUILDING SERVICES GROUP BREAKER	CONDITIONS. B. CONTRACTOR SHALL FIELD VERIFY AS NECESSARY THE EXACT LOCATION OF FIXTURES, PIPING, AND EQUIPMENT TO BE REMOVED REFER TO ARCHITECTURAL DRAWINGS FOR CLARIFICATION AS
	BX		C. PRIOR TO PROCEEDING WITH ANY WORK, VISIT THE SITE AND
4	C.I.P. COH, C.O.H.	CAPITAL IMPROVEMENT PROGRAM CITY OF HOUSTON	COMPARE THE EXISTING FIELD CONDITIONS TO THESE DRAWINGS. NOTIFY IMMEDIATELY THE ARCHITECT OF ANY INCONSISTENCIES
	D.O.A. DISC	DEPARTMENT OF AVIATION DISCONNECT	BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS. IF THE CONTRACTOR DETERMINES THAT ANY CONDITIONS EXIST THAT WIL MATERIALLY AFFECT THE PROJECT, INFORM THE OWNER
	EMT	ELECTRICAL METALLIC TUBING	IMMEDIATELY AND DO NOT PERFORM ANY WORK BEFORE RESOLUTION OF THE PROBLEM.
	FIS	FEDERAL INSPECTION SERVICES	D. NOTIFY IMMEDIATELY THE ARCHITECT IF ANY DEMOLITION OR NEW CONSTRUCTION WORK (AS INDICATED IN THE CONSTRUCTION DOCUMENTS) CANNOT BE PERFORMED DUE TO EXISTING FIELD
	G, GND GFCI	GROUND GROUND FAULT CIRCUIT INTERRUPTER	CONDITIONS. E. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH A
	HAS, H.A.S. HT	HOUSTON AIRPORT SYSTEM HEIGHT, HEIGHTH	CODES AND ORDINANCES AS SET FORTH BY ALL AUTHORITIES HAV JURISDICTION (AHJ).
	HVAC HZ	HEATING, VENTILATING AND AIR-CONDITIONING HERTZ	F. ALL WORK WILL BE PERFORMED IN THE BEST WORKMANSHIP POSSIBLE IN ACCORDANCE WITH THAT TRADE'S BEST INDUSTRY STANDARDS.
	IAH IFP ITRP	INTRCONTINENTAL AIRPORT, HOUSTON ISSUE FOR PERMIT INTERNATIONAL TERMINAL REDEVELOPMENT PROGRAM	 G. WHEN WORK MUST BE PERFORMED ON OPERATING EQUIPMENT, U PERSONNEL EXPERIENCED IN SUCH OPERATIONS. H. THE CONTRACTOR SHALL NOT CUT EXISTING OR NEW STRUCTURA WORK IN ANY MANNER THAT MAY RESULT IN A REDUCTION OF LOA
	J-BOX		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
	JIC KAIC	JOINT INDUSTRIAL COUNSEL	ADVANCE FROM THE ARCHITECT AND STRUCTURAL ENGINEER.
	LED LTG	CAPACITY LIGHT EMITTING DIODE LIGHTING	HAZARDOUS MATERIAL, THE CONTRACTOR SHALL IMMEDIATYELY 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 SHALI
	MAX MIN	MAXIMUM MINIMUM	IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. J. PRIOR TO THE START OF ANY OTHER DEMOLITION, THE CONTRACT SHALL REMOVE LAMPS THAT ARE SCHEDULED FOR DISPOSAL SHAL
	MLO	MAIN LUGS ONLY	BE REMOVED AND DISPOSED OF AS MERCURY-CONTAMINATED WASTE. K. THE CONTRACTOR SHALL REMOVE ALL LIGHT FIXTURES AS INDICAT
3	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NATIONAL FIRE PROTECTION ASSOCIATION	ON THE DRAWINGS. THE CONTRACTOR SHALL EXAMINE SAID LIGHT FIXTURES TO DETERMINE IF ANY LIGHT FIXTURE BALLAST CONTAIN PCB'S. IF ANY LIGHT FIXTURE BALLASTS ARE FOUND TO CONTAIN PCB'S THE CONTRACTOR SHALL REMOVE BALLAST FROM LIGHT
	No. NTS	NUMBER NOT TO SCALE	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 DISPOSA
	PH PMT PVC	PHASE PROJECT MANAGEMENT TEAM POLYVINYL CHLORIDE (PLASTIC)	
	QA QC	QUALITY ASSURANCE QUALITY CONTROL	
	RE, REF RM	REFER TO, REGARDING, REFERENCE ROOM	
	SW SWBD SWGR	SWITCH SWITCHBOARD SWITCHGEAR	
	THWN TYP	THERMOPLASTIC HEAT AND WATER-RESISTANT NYLON-COATED TYPICAL	
	UL UON	UNDERWRITER'S LABORATORY UNLESS OTHERWISE NOTED	
	V VA VAV	VOLTS VOLT AMPERES VARIABLE AIR VOLUME	
	VFD W W/	VARIABLE FREQUENCY DRIVE WIRE, WATTS WITH	
	WP XFMR	TRANSFORMER	
	Y		
2	Υ-Δ	WYE-DELTA	
1			



OTES:

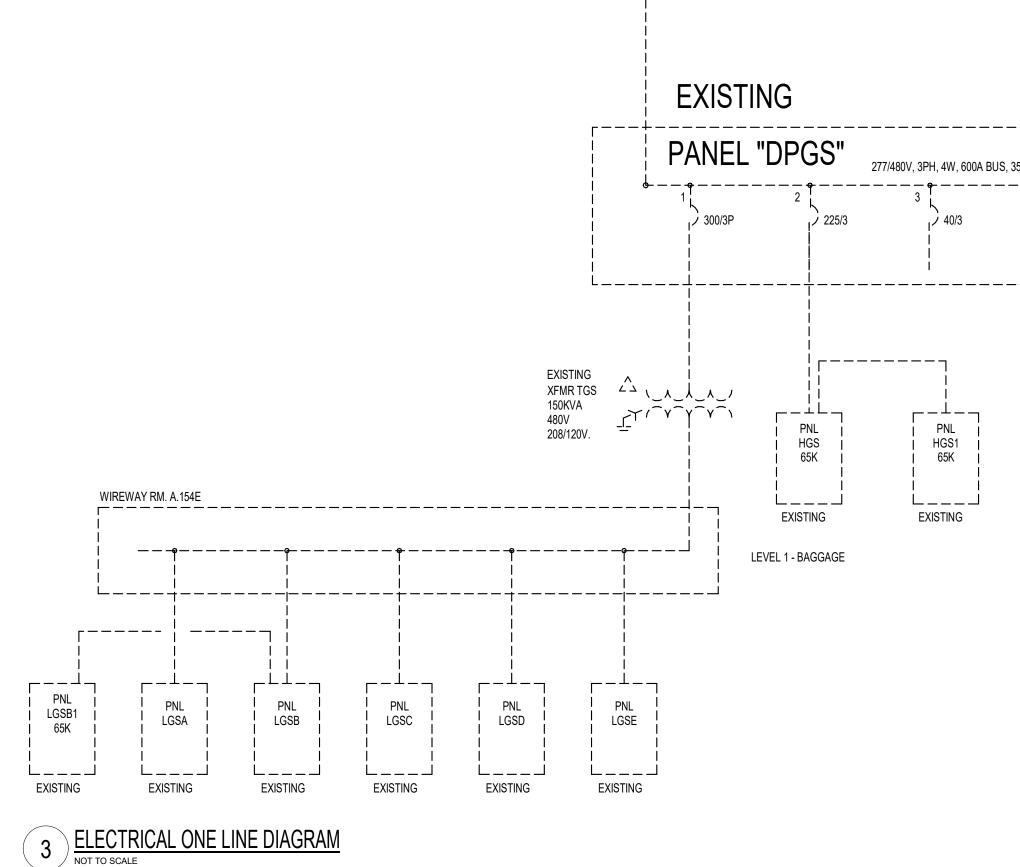
IE SCOPE OF ICATE EVERY PIPE, MUST BE REMOVED S NOT SHOWN NOR E BEEN DEVELOPED AND THEY MAY NOT CONTRACTOR SHALL D VERIFY EXISTING

- SARY THE EXACT NT TO BE REMOVED. ARIFICATION AS THE SITE AND THESE DRAWINGS.
- DITIONS. IF THE IONS EXIST THAT WILL E OWNER K BEFORE
- EMOLITION OR NEW CONSTRUCTION EXISTING FIELD
- NFORMANCE WITH ALL L AUTHORITIES HAVING
- ORKMANSHIP BEST INDUSTRY
- TING EQUIPMENT, USE
- R NEW STRUCTURAL REDUCTION OF LOAD TIO. THE F ALL STRUCTURAL L CAN BE OBTAINED IN JRAL ENGINEER.
- CONTAIN ANY LL IMMEDIATYELY RITING. NOTE: HE HAZARDOUS OWNER AND SHALL BE OCAL REGULATIONS. ION, THE CONTRACTOR
- FOR DISPOSAL SHALL CONTAMINATED IXTURES AS INDICATED EXAMINE SAID LIGHT E BALLAST CONTAINS OUND TO CONTAIN
- AST FROM LIGHT PPROVED DISPOSAL OWNER SHALL BE CAL, STATE AND
- COSTS OF DISPOSAL.

В

- M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF REMAINING LUMINARE PARTS AND ANY NON-PCB FIXTURES PER LOCAL, STATE AND FEDERAL REGULATIONS AND PAY FOR ALL ASSOCIATED COSTS OF DISPOSAL.
- N. 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.
- O. 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.
- P. 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.
- Q. 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.
- R. 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.
- S. ALL SYSTEM CHANGEOVERS BE COMPLETED IN OVERTIME, NOT DURING NORMAL WORKING HOURS.
- T. PRIOR TO INTERUPTING 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.
- U. 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.
- V. 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.

- W. NOISE AND DUST IS NOT TO BE DISRUPTIVE TO THE OCCUPIED AREA OF THE BUILDING. PROVIDE TEMPORARY PARTITIONS AS REQUIRED.
- X. 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.
- Y. 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.
- Z. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING HVAC PIPING AND DUCTWORK NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
- AA. 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.
- BB. 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.
- CC. 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.
- DD. 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.
- EE. EXTEND EXISTING INSTALLATIONS USING MATERIAL AND METHODS COMPATIBLE WITH EXISTING MECHANICAL INSTALLATIONS, OR AS SPECIFIED FOR INTENDED SERVICE.
- FF. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- GG. 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.
- HH. 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.
- II. DISCONNECT AND REMOVE MECHANICAL DEVICES AND EQUIPMENT SERVING EQUIPMENT THAT HAS BEEN REMOVED.



Load Analysis

Removed Automatic Doors New Automatic Door

NO LOAD ADDED

277/480V, 3 PHASE, 4 WIRE SERVICE

SYMBOL LEGEND

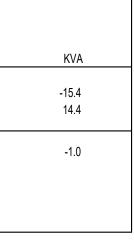
	SYMBOL LEG	END
JJ. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS WHICH	SWITCHES	
REMAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.	\$	SWITCH, SPST, 20A, 120/277V
KK. GENERAL SCOPE OF ELECTRICAL DEMOLITION CONSISTS OF DISCONNECTING AND REMOVING ALL LUMINAIRES, WIRING DEVICES,	\$ 3	SWITCH, 20A, 120/277V, "2" DENOTES DPST, "3" DENOTES THREE-WAY, "4" DENOTES FOUR-WAY
EQUIPMENT, BRANCH CIRCUIT WIRING AND CONDUIT WITHIN THE CONFINES OF THE DEMOLITION AREA, AS DEFINED ON THE	\$ oc	WALL MOUNTED OCCUPANT SENSOR WITH 0-10V DIMMER. PROVIDE ENOUGH SENSORS(CEILING OR WALL MOUNTED) FOR FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM
DEMOLITION DRAWINGS. LUMINAIRES AND OTHER ELECTRICAL ITEMS OR EQUIPMENT AS DEFINED BY THE OWNER SHALL BE TURNED OVER		THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%). EATON #VSW-P-010
TO THE OWNER. LL. WHERE EQUIPMENT OR DEVICES ARE NOTED AS "REMOVE", REMOVE	\$ _M	SWITCH, MOTION SENSOR, NOVITAS #01-133
ALL CONDUCTORS ASSOCIATED WITH THESE ITEMS TO THE LAST ACTIVE ITEM ON THE CIRCUIT, OR TO THE BRANCH CIRCUIT BREAKER	Lie	HASH MARKS INDICATE NUMBER OF CONDUCTORS PHASE/NEUTRAL/SWITCH LEG/GROUND FROM LEFT TO RIGHT.
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.		NO HASH MARKS INDICATES 2#12, 1#12G, UNLESS OTHERWISE NOTED.
CONDUITS RUN CONCEALED IN WALLS OR FLOOR SLABS SHALL BE CUT OFF FLUSH WITH SURFACE AND ABANDONED. ALL VOIDS IN		UNDER GROUND CONDUIT
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.	RECEPTACL	ES AND OUTLETS
MM. THE CONTRACTOR SHALL REROUTE AND RECONNECT ANY CIRCUIT OR CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH NEW CONSTRUCTION.	⊖ ⊕	DUPLEX WALL RECEPTACLE, NEMA 5-15R, 15A, 125V OR NEMA 5-20R, 20A, 125V, RE: SPECIFICATIONS,
NN. EXISTING JUNCTION BOXES TO REMAIN SHALL HAVE COVERS. PROVIDE COVERS AND INDICATE THE TYPE OF CIRCUIT OR CIRCUIT	€®WP	DOT INDICATES ABOVE COUNTER. DUPLEX WALL RECEPTACLE. "WP" DENOTES WEATHERPROOF,
NUMBERS PASSING THROUGH THE BOX.		"TP" DENOTES SAFETY TYPE, "GFI" DENOTES GROUND FAULT PROTECTION, DOT INDICATES ABOVE COUNTER.
GRADE AT ANY PLUMBING FLOOR PENETRATIONS NO LONGER REQUIRED.	⊕	FOURPLEX WALL RECEPTACLE. NEMA 5-15R, 15A, 125V DOT INDICATES ABOVE COUNTER.
PP. CONTRACTOR SHALL REMOVE ALL PIPING AND ASSOCIATED SUPPORTS FROM ABOVE SLAB ON GRADE TO BELOW ROOF WHICH		SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED DOT INDICATES ABOVE COUNTER.
WAS PREVIOUSLY ABANDONED OR WHICH SERVES PLUMBING FIXTURES AND EQUIPMENT DESIGNATED FOR REMOVAL. REFER TO	€	FLOOR OUTLET
PLUMBING FLOOR PLANS FOR NEW FIXTURES OR EQUIPMENT TO BE INSTALLED IN THOSE LOCATIONS. PRIOR TO ANY REMOVAL, FIELD	J	JUNCTION BOX
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.	\bigcirc	DIRECT CONNECTION TO EQUIPMENT TELEPHONE WALL OUTLET. PROVIDE 2"X4" OUTLET
QQ. MECHANICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE		BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.
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.	\triangleleft	DATA WALL OUTLET. PROVIDE 2"X4" OUTLET BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.
RR. THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, (WHICH INCLUDES BUT INS NOT LIMITED TO DEVICES, FIXTURES, WIRING (CIRCUITRY), CABLING, CONDUIT, ETC.,)		COMBINATION RECEPTACLE/TELEPHONE/DATA FLOOR OUTLET
AS DESCRIBED AND SHALL GIVE THE OWNER AN OPPORTUNITY TO KEEP DEMOLISHED ELECTRICAL EQUIPMENT PRIOR TO THEM BEING DISCARDED.	000	HUBBELL #B4333 FLOOR BOX HUBBELL 1 - #S3825 AND 2 - #S3625 COVER
DISCARDED.		HUBBELL, #SB3085 CARPET FLANGE
	00	HUBBELL #B4233 FLOOR BOX HUBBELL 1 - #S3825 COVER AND 1 - #S3625 COVER
		HUBBELL, #SB3084 CARPET FLANGE HUBBELL #B2436 FLOOR BOX
		HUBBELL #S3825 COVER HUBBELL, #SB3083 CARPET FLANGE
	ELECTRICA	L EQUIPMENT
		DISTRIBUTION PANEL
		PLYWOOD TERMINAL BOARD, TYPE AS NOTED, 4' X 8' X 3/4" UNLESS NOTED OTHERWISE
EXISTING PANELS AND FEEDERS ARE SHOWN FOR INFORMATION ONLY, ALL DEVICES SHOWN	Т	TRANSFORMER
ARE EXISTING TO REMAIN.	MOTORS AI	ND CONTROLS
		SINGLE OR THREE PHASE MOTOR
		DISCONNECT (SAFETY) SWITCH "200/3/150" DENOTES AMPERES/POLE/FUSE, "NF" DENOTES NON-FUSED
		COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER, "30/3/15/#0" DENOTES AMPERES/POLES/FUSE/ STARTER SIZE "NE" DENOTES NON FUSED
	\$ m	STARTER SIZE, "NF" DENOTES NON-FUSED. MANUAL MOTOR STARTING WITH THERMAL OVERLOAD
	FIRE ALARM	1
	FACP	
		CEILING SPEAKER/STROBE
		WALL SPEAKER/STROBE
		WALL STROBE
	(s)	SPEAKER
		MANUAL PULL STATION
	(2)	AREA SMOKE DETECTOR, "H" HEAT DETECTOR, "DD" DUCT DETECTOR.

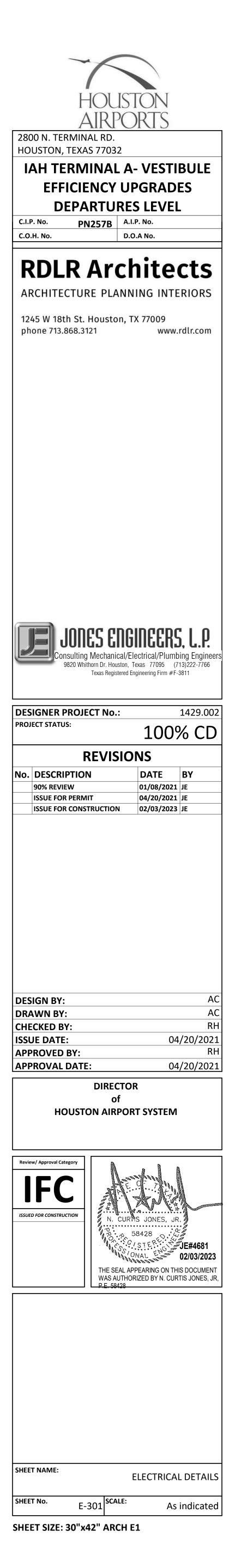
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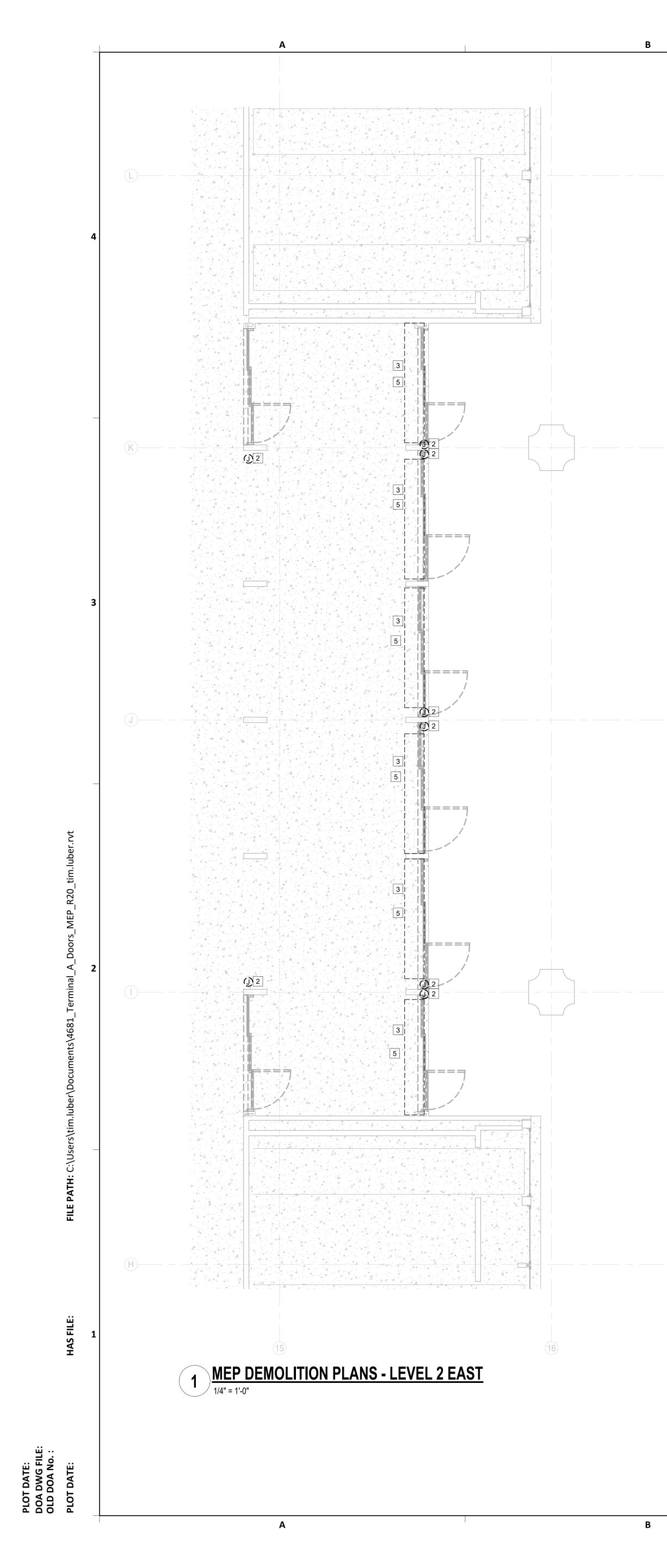
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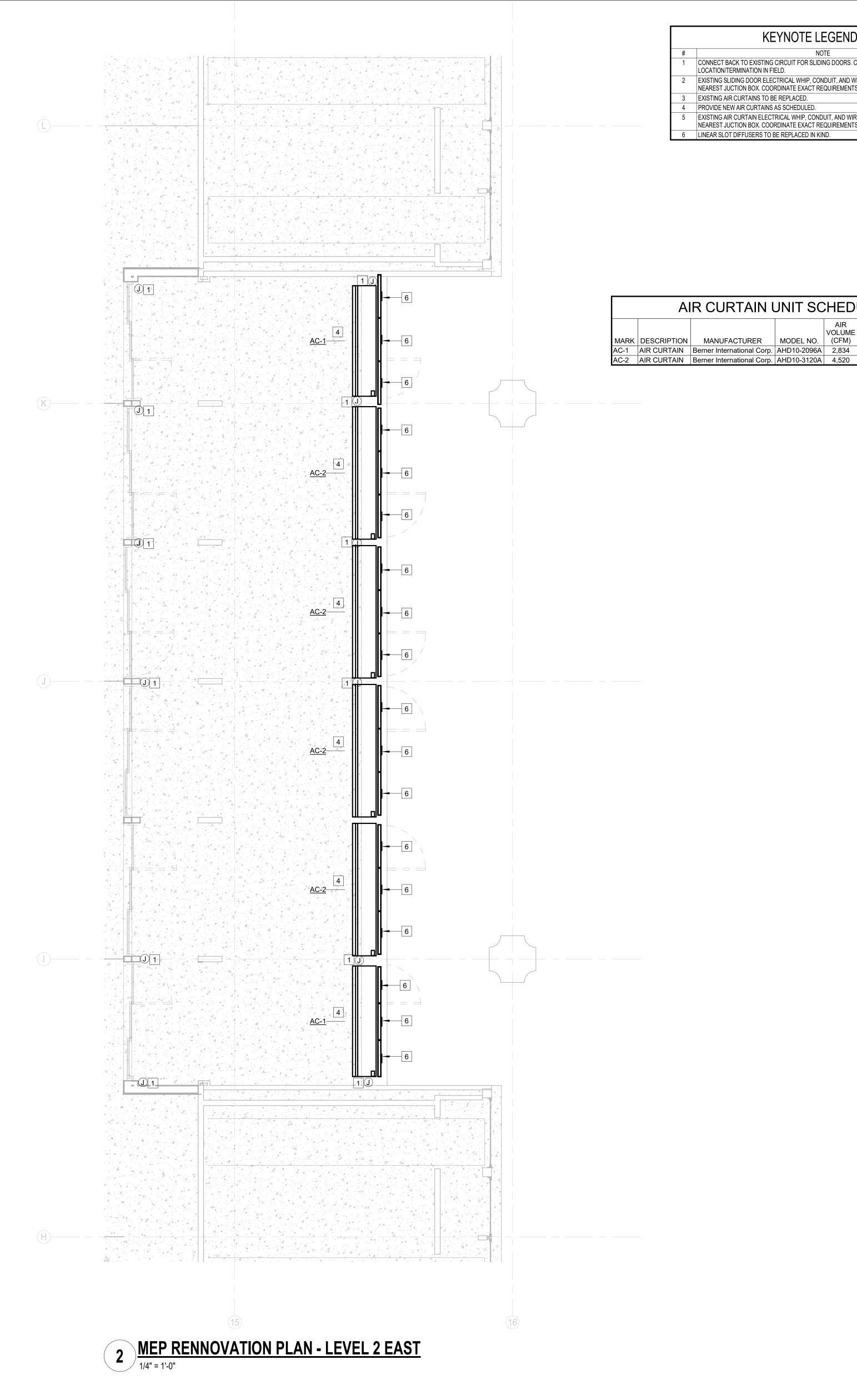
SPRINKLER FLOW SWITCH

VALVE SUPERVISORY SWITCH









	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 JUCTION 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 JUCTION BOX. COORDINATE EXACT REQUIREMENTS IN FIELD.
6	LINEAR SLOT DIFFUSERS TO BE REPLACED IN KIND.

AIR CURTAIN UNIT SCHEDULE

AIR ELECTRIC VOLUME AL

PH REMARKS

GENERAL HAS ELECTRICAL NOTES:

1. 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.

2. GUARANTEE LABOR AND MATERIALS FOR 1 YEAR. 3. 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".

4. REUSED ELECTRICAL EQUIPMENT, WIRING DEVICES, SIRING 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.

5. ANY ELECTRICAL WORK AFFECTING THE LIGHTING ON THE AOA MUST BE COORDINATED WITH IAH ELECTRICAL DEPARTMENT.

6. FOR ALL TELEPHONES/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 INACCESSIBLE 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 BUSHING.

7. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUIT DESIGNATIONS AND SHALL MAKE CORRECTIONS AS NEEDED.

8. 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.

9. 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.

10. 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.

11. ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

12. SEAL NEW OR EXISTING PENETRATIONS IN OF FLOORS, RATED PARTITIONS, AND CORRIDOR WALLS. 13. SECURE ALL PERMITS AND PROVIDE ANY REQUIRED TEMPORARY UTILITIES.

14. 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.

15. CONTRACTOR TO PROVIDE "AS-BUILT" DRAWINGS INDICATING THE CONFIGURATION OF THE CONSTRUCTED WORK.

16. REPAIR ANY DAMAGE THAT OCCURS TO ANY ELECTRICAL EQUIPMENT DURING DEMOLITION.

17. SUBMIT INFORMATION ON ALL NEW EQUIPMENT IN THE FORM OF SHOP DRAWINGS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR THE CORRECT PROCEDURE.

18. PROVIDE 3 COPIES OF THE OPERATION AND MAINTENANCE MANUALS TO THE OWNER. PROVIDE INSTRUCTION ON THE SYSTEM OPERATION TO THE OWNER.

19. 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.

20. 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, "DAISY CHAINING" OF FIXTURES IS NOT ALLOWED. LIGHTING FIXTURE WHIPS MUST BE 6 FEET LONG OR LESS.

NO AC (BX) OR MC CABLE ALLOWED. ALL GROUND RODS TO BE STAINLESS STEEL, 3/4" x 10'.

21. BOXES - ALL BOXES TO BE GALVANIZED STEEL SUITABLE FOR LOCATION AND SIZED PER THE N.E.C. AND SUPPORTED SEPARATELY FROM CONDUIT.

22. 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 #1121I OR EQUAL RECEPTACLES -COMMERCIAL GRADE 20 AMP., 120V., NEMA 5-20R, HUBBELL 5262I 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 1121I OR EQUAL. FLOOR BOX WITH BRASS CARPET FLANGE SHALL BE HUBBELL B2536 OR EQUAL.

23. 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 UL 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 SALES AREAS.

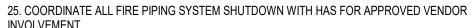
24. CONDUCTORS: A. MINIMUM WIRE SIZE FOR BRANCH CIRCUITS BE NO. 12 AWG COPPER.

- 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 "FIXTURE 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. CONDUCT COLOR CODING SHALL BE CONSISTENT ALONG THE ENTIRE LENGTH OF A CIRCUIT. COLOR



<u>240Y / 120V</u>, 1Ø, 3W AØ - Black CØ - Red N - White Grnd - Bare lso Grnd - Green



26. COORDINATE ALL UTILITY SHUTDOWNS WITH HAS AND FOLLOW HAS W.A.N. PROCEDURES BEFORE SHUTDOWN. 27. PER 2017 NEC, HAS STANDARDS AND FAA STANDARDS. ANY CONDUIT CROSSING ANY EXPANSION OR DEFLECTION JOING HALL USA A UL LISTED EXPANSION FITTING WITH BONDING JUMPER (HAS STD. PAGE

