



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

MAYOR
JOHN WHITMIRE

CITY COUNCIL MEMBERS

AMY PECK - DISTRICT A
TARSHA JACKSON - DISTRICT B
ABBIE KAMIN - DISTRICT C
CAROLYN EVANS-SHABAZZ - DISTRICT D
FRED FLICKINGER - DISTRICT E
TIFFANY D. THOMAS - DISTRICT F
MARY NAN HUFFMAN - DISTRICT G
MARIO CASTILLO - DISTRICT H



CONTROLLER
CHRIS HOLLINS

CITY COUNCIL MEMBERS

JOAQUIN MARTINEZ - DISTRICT I
EDWARD POLLARD - DISTRICT J
MARTHA CASTEX-TATUM - DISTRICT K
JULIAN RAMIREZ - AT LARGE POSITION 1
WILLIE DAVIS - AT LARGE POSITION 2
TWILA CARTER - AT LARGE POSITION 3
LETITIA PLUMMER - AT LARGE POSITION 4
SALLIE ALCORN - AT LARGE POSITION 5

TERMINAL D - PN971 - RESTROOM RENOVATIONS

AT

GEORGE BUSH INTERCONTINENTAL AIRPORT

C.I.P. # PN971
TIP # XXX-XX-XXX

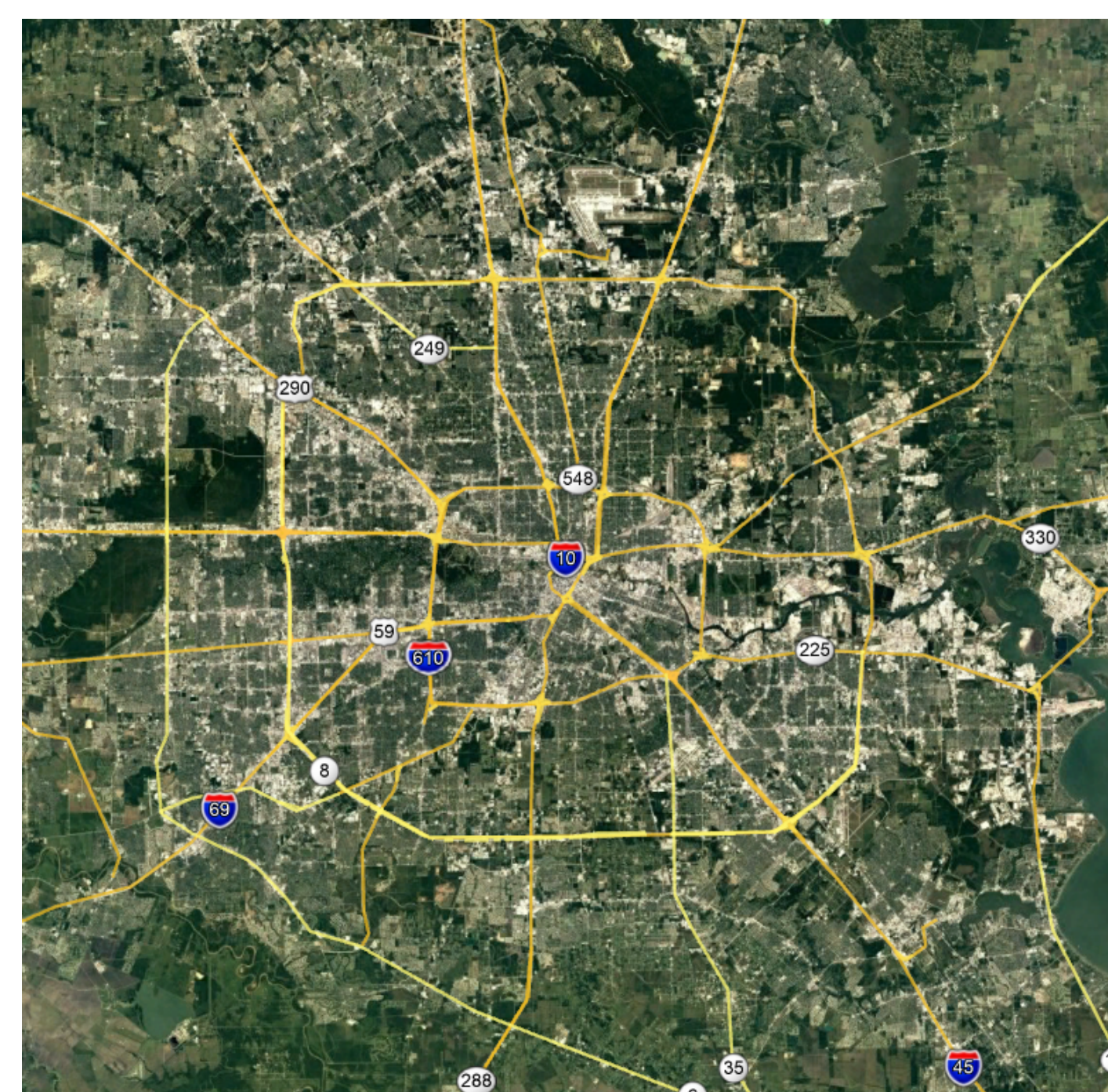
PREPARED BY

RDLR

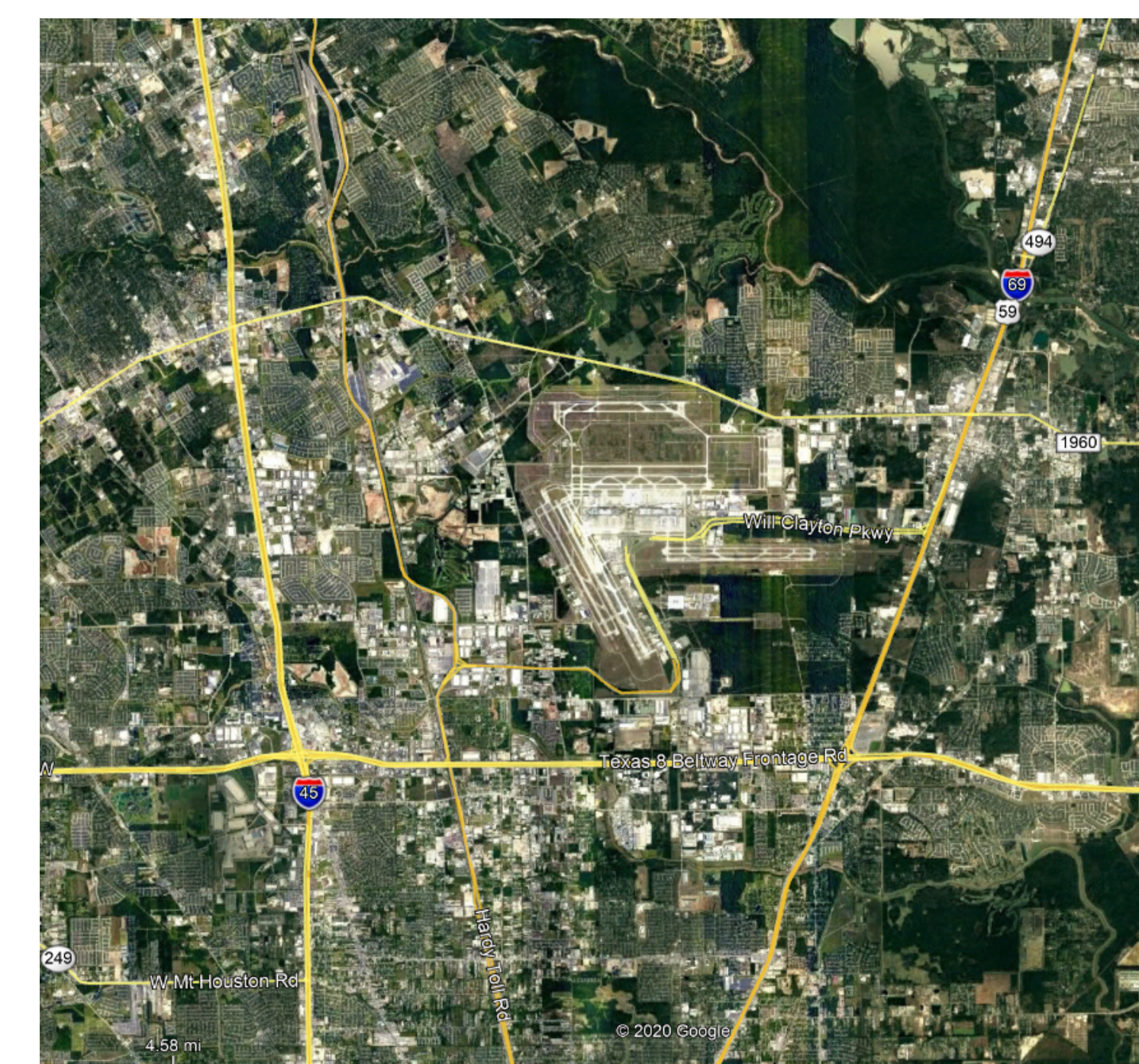
03.15.24

HOUSTON AIRPORT SYSTEM

JAMES SZCZESNIAK - DIRECTOR



AREA MAP - N.T.S.



VICINITY MAP - N.T.S.

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

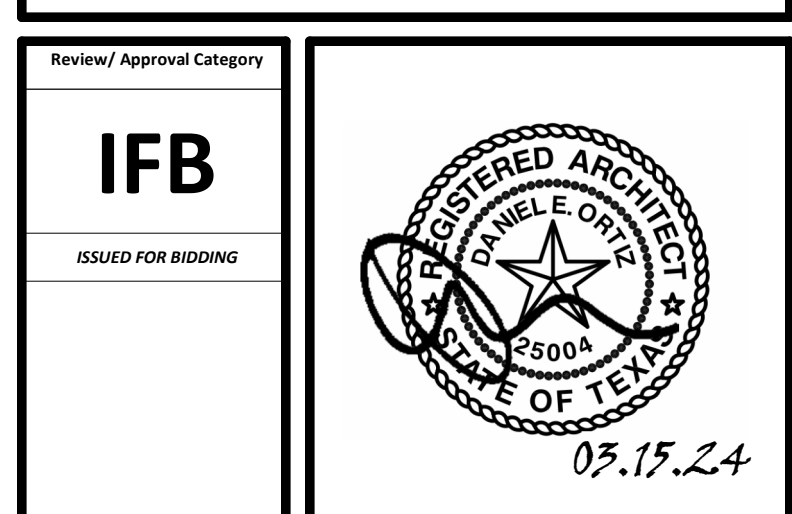


DESIGNER PROJECT No.: 1429.12
PROJECT STATUS: IFB

REVISIONS			
No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP/SF/KF
CHECKED BY: DO
ISSUE DATE: 03.15.24
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME: COVER SHEET

SHEET No. G-000 SCALE:

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: BIM 360://1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt HAS FILE:

ARCHITECTURAL ABBREVIATIONS

&	AND	FP	FIREPROOF	RF	ROOF DRAIN
@	AT	FPL	FIREPLACE	REF	REFERENCE
A	ANGLE	FR	FRAME	REFR	REFRIGERATOR
A/C	AIR CONDITIONER / CONDITIONING	FRC	FIBER REINFORCED CONCRETE	REG	REGISTER
ABV	ABOVE	FRGP	FIBER REINFORCED GYPSUM PLASTER	REIN	REINFORCE(D)
ACCS	ACCESSORIES	FRT	FIRE RETARDANT TREATED	REQ	REQUIRED
ACSDR	ACCESS DOOR	FS	FLOOR SINK	RESIL	RESILIENT
ACSLR	ACCESS FLOOR	FTG	FLOORING	RESS	RESILIENT SHEET
ACST / ACUS	ACOUSTICAL CEILING	FUR	FURRING	RET	RETAINING
ACT	ACOUSTICAL CEILING TILE	FUT	FUTURE	REV	REVISE / REVISION
AD	AREA DRAIN	GA	GALVE	RFB	REFLECTED
ADA	AMERICANS WITH DISABILITIES ACT	GALV	GALVANIZED	RH	RIGHT HAND
ADDL	ADDITIONAL	GB	GRAB BAR	RM	ROOM
ADDM	ADDENDUM	GC	GENERAL CONTRACTOR	RO	ROUGH OPENING
ADJ	ADJUSTABLE / ADJACENT	GL	GLASS / GLAZING	RSS	RUBBER SHEET
ADMIN	ADMINISTRATION	GND	GROUND	RS	RUBBER STAIR TREADS
ADU	ADJUSTABLE / ADJACENT	GR	GRADE	RSTR	RUBBER STAIR TREADS & RISERS
AF	ABOVE FINISHED FLOOR	GRV	GRAVEL	RT	RUBBER TILE
AFG	ABOVE FINISHED GRADE	GT	GLASS TILE	RWD	REDWOOD
AFS	ABOVE FINISHED SLAB	GYP	GYPSUM	RWL	RAIN WATER LEADER
AGGR	AGGREGATE	GYP BD	GYPSUM BOARD	S	SOUTH
AHR	ANCHOR	HC	HOLLOW CORE	SC	SCHEDULE
AHU	AIR HANDLING UNIT	HCP	HANDICAPPED	SCD	SEAT COVER DISPENSER
AL / ALUM	ALUMINUM	HD	HEAVY DUTY	SCHE	SCHEDULE
ALNMT	ALIGNMENT	HD	HARD	SCN	SCREEN
ALT	ALTERNATE	HDR	HARDWARE	SCR	SCREEN
ANOD	ANODIZED	HDWR	HARDWARE	SD	SOAP DISPENSER / STORM DRAIN
AP	ACCESS PANEL	HI	HIGH	SDC	SEALED CONCRETE SECTION
APC	ACOUSTICAL PANEL CEILING	HM	HOLLOW METAL INSULATED	SECT	SECTION
APPROX	APPROXIMATELY	HOR / HORIZ	HORIZONTAL	SFT	SHEET
APPD	APPROVED	HP	HIGH POINT	SHT	SHOWER
ARCH	ARCHITECTURAL	HR	HANDRAIL	SHWR	SHOWER
ASPH	ASPHALT	HR	HANDRAIL	SIM	SIMILAR
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	HR	HOUR	SND	SANITARY NAPKIN DISPENSER
AUTO	AUTOMATIC	HT	HEIGHT	SNR	SANITARY NAPKIN RECEPTACLE
AVG	AVERAGE	HVAC	HEATING / VENTILATION / AIR CONDITIONING	SOG	SLAB ON GRADE
BD	BOARD	HW	HARDWARE	SOG	SLAB ON GRADE
BG	BUMPER GUARD	HYD	HYDRANT	SPEC	SPECIFY / SPECIFICATION
BITUM	BITUMINOUS	ID	INSIDE DIAMETER	SPK	SPEAKER
BLK	BLACK	IN	INCH / INCHES	SO	SQUARE
BLDG	BUILDING	INCL	INCLUDE(D) / INCLUDING	SQ	SQUARE FEET
BLK	BLOCK	INSUL	INSULATE / INSULATION	SQIN	SQUARE INCHES
BLKG	BLOCKING	INT	INTERIOR	SS	STAINLESS STEEL
BM	BEAM	JAN	JANITOR	ST	STONE
BMS	BALANCE MAGNETIC SWITCH	JT	JOINT	STN	STATION
BOS	BOTTOM OF STEEL	KIT	KITCHEN	STC	STAINED CONCRETE
BT	BOTTOM	LAB	LABORATORY	STD	STANDARD
BS	BOTH SIDES	LAM	LAMINATE(D)	STDS	STUDS
CAB	CABINET	LAV	LAVATORY	STIFF	STIFFENER
CAS	CASEWORK	LBS	POUNDS	STL	STEEL
CB	CATCH BASIN	LF	LINEAR FOOT (FEET)	STN	STAINED
CEM	CEMENT	LH	LEFT HAND	STOR	STORAGE
CER	CERAMIC	LIB	LIBRARY	STRUCT	STRUCTURE / STRUCTURAL
CF	CUBIC FOOT	LKR	LOCKER	SUSP	SUSPENDED
CG	CORNER GUARD	LNS	LINOLEUM SHEET	SW	SWITCH
CH	CEILING HEIGHT	LNT	LINOLEUM TILE	SYM	SYMMETRICAL
CHAM	CHAMFER	LP	LOW POINT	SYN	SYNTHETIC
CHBD	CHALKBOARD	LT	LIGHT	SYST	SYSTEM
CJ	CAST IRON	LVR	LOVEYER	T&B	TOP AND BOTTOM
CI	CONTRACTOR INSTALLED	MACH	MACHINE	T&G	TONGUE AND GROOVE
CP	CAST IN PLACE	MAINT	MAINTENANCE	TB	TOWEL BAR
CL	CONTROL JOINT	MATL	MATERIAL	TBD	TO BE DETERMINED
CLG	CENTER LINE	MAX	MAXIMUM	TEL	TELEPHONE
CLD	CEILING	MC	MEDICINE CABINET	TEL	TELEPHONE
CLO	CLOSET	ME	MECHANICAL EQUIPMENT	TEMP	TEMPORARY / TEMPERATURE
CLR	CLEAR	MECH	MECHANICAL	TER	TEMPERATURE
CMU	CONCRETE MASONRY UNIT	MEZZ	MEZZANINE	THK	THICK
CO	CLEAN/CLEAR OUT	MFR	MANUFACTURE(R)	THRU	THROUGH
COL	COLUMN	MH	MANHOLE	TOC	TOP OF CONCRETE
CONC	CONCRETE	MIN	MINIMUM	TOS	TOP OF SLAB
CONST	CONSTRUCTION	MIR	MIRROR	TOW	TOP OF WALL
CONT	CONTINUOUS	MISC	MISCELLANEOUS	TOW	TOP OF WALL
CORR	CORRIDOR	MLD / MLDG	MOULDING	TPD	TOILET PAPER DISPENSER
CPR	COPPER	MO	MASONRY OPENING	TPTN	TOILET PARTITION TELEVISION
CPT	CARPET(ED)ING	MR	MOISTURE RESISTANT	TYP	TYPICAL
CT	CERAMIC TILE	MTD	MOUNTED	UC	UNDERCUT
CTR	COUNTER	MUL	MULLION	UG	UNDERGROUND
DBL	DOUBLE	N	NORTH	UL	UNDERWRITER'S LABORATORY
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM	NA OR N/A	NOT AVAILABLE / NOT APPLICABLE	UNF	UNFINISHED
DEG	DEGREE	NPPA	NATIONAL FIRE PROTECTION ASSOCIATION	UNFIN	UNFINISHED
DEMO	DEMOLISH	NO / #	NUMBER	UNLESS OTHERWISE NOTED	
DEP	DEPRESSION	NOM	NOMINAL	UPS	UNINTERRUPTIBLE POWER SUPPLY
DET	DETAIL	NTS	NOT TO SCALE	UR	URINAL
DF	DRINKING FOUNTAIN	OA	OVERALL	V	VOLT
DIA	DIAMETER	OBS	OBSOLETE	VAC	VACUUM
DIA	DIAGONAL	OC	ON CENTER	VB	VAPOR BARRIER
DIM	DIMENSION	OD	OUTSIDE DIAMETER	VCT	VINYL COMPOSITION TILE
DISP	DISPENSER	OF	OWNER FURNISHED CONTRACTOR INSTALLED	VENT	VENTILATE
DIV	DIVISION	OFF	OFFICE	VERT	VERTICAL
DN	DOWN	OPG / OPNG	OPENING	VEST	VESTIBULE
DR	DOOR	OPN	OPENING	VIF	VERIFY IN FIELD
DS	DOWNSPOUT	OPP	OPPOSITE	VNR	VENER
DWG	DRAWING	OZ	OUNCE	VOL	VOLUME
E	EAST	PART	PARTIAL	VST	VINYL STAIR TREADS & RISERS
EA	EACH	PAT	PATTERN	VSTR	VINYL STAIR TREADS & RISERS
EF	EACH FREE	PBD	PARTICLE BOARD	VWC	VINYL WALLCOVERING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	PCC	PRECAST CONCRETE	W	WEST
EJ	EXPANSION JOINT	PC	PRECAST CONCRETE	WI	WITH
EL	ELEVATION	PE	PEDESTAL	WO	WITHOUT
ELEC	ELECTRICAL	PER	PERIMETER	WC	WATER CLOSET
ELEV	ELEVATOR	PERF	PERFORATED	WCV	WALLCOVERING
EMER	EMERGENCY	PERP	PERPENDICULAR	WD	WOOD
ENCL	ENCLOSED / ENCLOSURE	PF	PRE-FINISHED	WF	WIDE FLANGE
ENG	ENGINEER	PIP	POURED-IN-PLACE	WG	WIRE GLASS
EOD	EDGE OF DECK	PL	PROPERTY LINE	WH	WALL HOSE / HYDRANT
EOS	EDGE OF SLAB	PL	PLATE	WI	WROUGHT IRON
EQ	EQUAL(LY)	PL	PLATE	WIN	WINDOW
EQT	EQUIPMENT	PLM	PLASTIC LAMINATE	WK	WORK
EST	ESTIMATE	PLAS	PLASTER	WNSCT	WAINSCOT
EW	ELECTRIC WATER COOLER	PLYWD	PLYWOOD	WP	WATERPROOF(ING)
EXIST	EXISTING	PMF	PRESSED METAL FRAMES	WPT	WORK POINT
EXP	EXPANSION	POP	POINT OF PRESENCE	WR	WATER RESISTANT
EXT	EXTERIOR	PR	PAIR	WRR	WATER RESISTANT RUBBER
FA	FIRE ALARM	PRCST	PRE-CAST	WT	WEIGHT
FAST	FASTENER	PREFAB	PREFABRICATED	YD	YARD
FCD	FLOOR CLEAN OUT	PROP	PROPERTY		
FD	FLOOR DRAIN	PRT	PORCELAIN TILE		
FDN	FOUNDATION	PSF	POUNDS PER SQUARE FOOT		
FE	FIRE EXTINGUISHER	PSI	POUNDS PER SQUARE INCH		
FEC	FIRE EXTINGUISHER CABINET	PT	POINT		
FEC (R)	FIRE EXTINGUISHER CABINET, RECESSED	PTD	PAPER TOWEL DISPENSER		
FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	PTDWR	PAPER TOWEL DISPENSER WITH WASTE RECEPTACLE		
FEW	FIRE EXTINGUISHER, WALL MOUNTED	PTDF	PRESSURE TREATED DOUGLAS FIR		
FF	FINISHED FLOOR	PTN	PARTITION		
FL	FIBERGLASS	PTR	PAPER TOWEL RECEPTACLE		
FIN	FINISHED	PVC	POLYVINYL CHLORIDE		
FIXT	FIXTURE	Q	QUARTZ		
FL	FLOOR	QT	QUARRY TILE		
FLASH	FLASH(ING)	QTY	QUANTITY		
FLUOR	FLUORESCENT	R	RISER		
FOC	FACE OF CONCRETE	RAD	RADIUS		
FOF	FACE OF FINISH	RB	RUBBER BASE		
FOM	FACE OF MASONRY	RCP	REFLECTED CEILING PLAN		
FOS	FACE OF STUDS				
FOW	FACE OF WALL				

MATERIAL INDICATIONS

SECTION	ELEVATION
CONCRETE	
PRECAST CONCRETE	
CMU	
BRICK	
CASTCUT STONE	
NATURAL STONE	
STEEL	
ALUMINUM	
BRASS/BRONZE	
FINISHED WOOD	
EXTERIOR PLASTER AND LATHE	
CERAMIC/QUARRY TILE	
GLASS/MIRROR	
EARTH	
GRAVEL	
SAND	
CONT. WOOD BLOCKING	
DISCONT. WOOD BLOCKING	
PLYWOOD	
BATT/BLANKET INSULATION	
RIGID INSULATION	
GYPSUM BOARD	
BACKER ROD & SEALANT	
JOINT FILLER	
ACOUSTICAL CEILING	

ARCHITECTURAL SYMBOLS

ROOM IDENTIFICATION
ROOM NAME
ROOM NUMBER
DOOR NUMBERING
SIDE LIGHT (PART OF DOOR ASSEMBLY)
DOOR NUMBER TO COINCIDE WITH ADJOINING ROOM NUMBER
REVISION REFERENCE
REVISION REFERENCE MARK
REVISION CLOUD
DETAIL/SECTION DESIGNATOR
DETAIL OR SECTION NUMBER
DRAWING NO. (WHERE DETAIL OR SECTION IS DRAWN) (OMIT WHEN ON THE SAME DRAWING)
AREA OF ENLARGEMENT
BUILDING SECTION
SECTION IDENTIFICATION
WALL SECTION
DETAIL SECTION
DRAWING NUMBER WHERE DRAWN
ELEVATION NUMBER
EXTERIOR BUILDING ELEVATION
DRAWING NUMBER WHERE DRAWN
ELEVATION NUMBER
INTERIOR ROOM ELEVATIONS
DRAWING NUMBER WHERE DRAWN
ELEVATION NUMBER
PARTITION TYPE REFERENCE
REFER TO SHEETS
WINDOW TYPE REFERENCE
REFER TO SHEETS
COLUMN LINES
COLUMN LINES
KEYNOTE
KEYNOTE
FURNISHINGS
FURNISHINGS

SHEET INDEX

Sheet Discipline	Sheet Number	Sheet Name
01-GENERAL		
01-GENERAL	G-000	COVER SHEET
01-GENERAL	G-002	SYMBOLS LEGENDS, ABBREVIATIONS, SHEET INDEX
01-GENERAL	G-003	GENERAL NOTES
01-GENERAL	G-004	TEXAS ACCESSIBILITY GUIDELINES - 1 OF 2
01-GENERAL	G-005	TEXAS ACCESSIBILITY GUIDELINES - 2 OF 2
01-GENERAL	G-010	INTERIOR PARTITION SCHEDULE
01-GENERAL	G-011	INTERIOR PARTITION DETAILS - TYPICAL
01-GENERAL	G-021	PLUMBING COUNT PLAN AND CODE SUMMARY
01-GENERAL	G-022	CONSTRUCTION PHASING PLAN
03-ARCHITECTURAL DEMOLITION		
03-ARCHITECTURAL DEMOLITION	AD-100	OVERALL PLAN & TERMINAL LEVELS
03-ARCHITECTURAL DEMOLITION	AD-101	ENLARGED DEMO PLANS - CD CONNECTOR
03-ARCHITECTURAL DEMOLITION	AD-102	ENLARGED DEMO PLANS - TERMINAL D
03-ARCHITECTURAL DEMOLITION	AD-141	ENLARGED DEMO RCP PLANS - CD CONNECTOR
03-ARCHITECTURAL DEMOLITION	AD-142	ENLARGED DEMO RCP PLANS - TERMINAL D
04-ARCHITECTURAL		
04-ARCHITECTURAL	A-101	ENLARGED RR FLOOR PLANS - CD CONNECTOR
04-ARCHITECTURAL	A-102	ENLARGED RR FLOOR PLANS - TERMINAL D
04-ARCHITECTURAL	A-141	ENLARGED RR RCP PLAN - CD CONNECTOR
04-ARCHITECTURAL	A-142	ENLARGED RR RCP PLANS - TERMINAL D
04-ARCHITECTURAL	A-200	TYPICAL ELEVATIONS AND PLANS
04-ARCHITECTURAL	A-201	TYPICAL STALL PLANS & ELEVATIONS
04-ARCHITECTURAL	A-202	WOMEN/FAMILY RESTROOM ELEVATIONS - GATE D16-D17
04-ARCHITECTURAL	A-203	MANN/IRISERY RESTROOM ELEVATIONS - GATE D16-D17
04-ARCHITECTURAL	A-204	WOMAN/MAN'S RESTROOM ELEVATION - GATE D7
04-ARCHITECTURAL	A-205	WOMAN/MAN'S RESTROOM ELEVATION - GATE D6
04-ARCHITECTURAL	A-206	WOMEN/MEN'S RESTROOM - GATE D08-D09
04-ARCHITECTURAL	A-207	WOMEN'S RESTROOM ELEVATION - GATE D07
04-ARCHITECTURAL	A-501	PLAN DETAILS
04-ARCHITECTURAL	A-510	SECTION DETAILS
04-ARCHITECTURAL	A-511	SECTION DETAILS
04-ARCHITECTURAL	A-600	ROOM FINISH MATERIALS LEGEND
04-ARCHITECTURAL	A-601	ENLARGED FINISH PLANS - CD CONNECTOR
04-ARCHITECTURAL	A-602	ENLARGED FINISH PLANS - TERMINAL D
04-ARCHITECTURAL	A-603	ROOM SIGNAGE
05-STRUCTURAL		
05-STRUCTURAL	S-001	GENERAL NOTES
05-STRUCTURAL	S-100	OVERALL PLAN & TERMINAL LEVELS
05-STRUCTURAL	S-102	ENLARGED RR FLOOR PLANS - TERMINAL D
05-STRUCTURAL	S-103	ENLARGED FLOOR FRAMING RESTROOMS PLAN
05-STRUCTURAL	S-104	EXISTING ENLARGED RESTROOMS ROOF PLANS AND DETAILS
05-STRUCTURAL	S-400	FRAMING TYPICAL DETAILS
05-STRUCTURAL	S-410	FRAMING DETAILS
06-MECHANICAL		
06-MECHANICAL	M-001	MECHANICAL ABBREVIATIONS, LEGENDS AND NOTES
06-MECHANICAL	M-040	MECHANICAL OVERALL PLAN & TERMINAL LEVELS
06-MECHANICAL	M-101	MECHANICAL ENLARGED RR PLANS - CD CONNECTOR
06-MECHANICAL	M-102	MECHANICAL ENLARGED RR PLANS - TERMINAL D
06-MECHANICAL	M-301	MECHANICAL SCHEDULE AND DETAILS
06-MECHANICAL	MD-101	MECHANICAL ENLARGED DEMO PLANS - CD CONNECTOR
06-MECHANICAL	MD-102	MECHANICAL ENLARGED DEMO PLANS - TERMINAL D
07-ELECTRICAL		
07-ELECTRICAL	E-001	ELECTRICAL ABBREVIATIONS, LEGENDS, AND NOTES
07-ELECTRICAL	E-040	ELECTRICAL OVERALL PLAN & TERMINAL LEVELS
07-ELECTRICAL	E-101	ELECTRICAL POWER ENLARGED RR PLANS - CD CONNECTOR
07-ELECTRICAL	E-102	ELECTRICAL POWER ENLARGED RR PLANS - TERMINAL D
07-ELECTRICAL	E-103	ELECTRICAL POWER ENLARGED RR PLANS - CD CONNECTOR - APRON LEVEL
07-ELECTRICAL	E-200	ELECTRICAL SCHEDULE
07-ELECTRICAL	E-201	ELECTRICAL SCHEDULE
07-ELECTRICAL	E-300	ELECTRICAL DETAIL
07-ELECTRICAL	ED-101	ELECTRICAL POWER ENLARGED DEMO PLANS - CD CONNECTOR
07-ELECTRICAL	ED-102	ELECTRICAL POWER ENLARGED DEMO PLANS - TERMINAL D
07-ELECTRICAL	EL-040	ELECTRICAL LIGHTING OVERALL PLAN & TERMINAL LEVELS
07-ELECTRICAL	EL-141	ELECTRICAL LIGHTING ENLARGED RR RCP PLANS - CD CONNECTOR
07-ELECTRICAL	EL-142	ELECTRICAL LIGHTING ENLARGED RR RCP

ELECTRICAL NOTES

- 1. ALL ELECTRICAL POWER OUTLETS SHALL BE COMMERCIAL GRADE IN ALL AREAS. ALL OUTLET IN RESTROOMS SHALL BE OFI. FACE PLATES SHALL BE STAINLESS STEEL WITH STAINLESS STEEL FLAT HEAD SCREW FASTENERS TO MATCH ALL DEVICE AND FACELATE COLORS ARE TO BE VERIFIED WITH THE ARCHITECT.
2. EXPOSED CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, UNIFORMLY SPACED, AND PARALLEL TO EXPOSED STRUCTURAL ELEMENTS.
3. THE DESIGN INTENT FOR UNDERSLAB CONDUIT IS TO SUPPLY POWER & DATA TO FLOOR RECEPTACLES AND FLOATING WALLS. FLOATING WALLS ARE WALL PARTITIONS WHICH DO NOT CONNECT TO THE ROOF DECK OR STRUCTURE ABOVE, DO NOT CONNECT TO A FINISHED CEILING, OR DO NOT CONNECT TO AN EXTERIOR PERIMETER BUILDING WALL. THE DESIGN INTENT IS TO PREVENT HAVING CONDUIT HANG DOWN OR DROP DOWN FROM THE CEILING INTO VISUALLY EXPOSED OPEN PLENUM SPACE.
4. NO UNDER SLAB CONDUIT SHALL EXTEND TO CEILING MOUNTED DEVICES UNLESS CONCEALED FROM VIEW.
5. NO OVERHEAD OR CEILING MOUNTED CONDUIT SHALL EXTEND DOWN FROM THE CEILING TO FLOOR OR WALL DEVICES UNLESS CONCEALED FROM VIEW.
6. POWER DISTRIBUTION TO OVERHEAD LIGHTS AND OTHER OVERHEAD EQUIPMENT SHALL BE SUPPLIED BY CONDUIT RUNS PLACED IN THE CEILING, WITH CEILING HOVE RUNS LOCATED BELOW STEEL BEAMS AND WITHIN THE OPEN WEB JOIST CAVITY.
7. NO CONDUIT SHALL BE PLACED ON ANY EXPOSED COLUMN SURFACES UNLESS SPECIFICALLY INDICATED WITHIN THE ARCHITECTURAL DETAILS, OR SPECIFICALLY COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION.
8. EXPOSED CEILING CONDUITS SHALL BE GANGED TOGETHER WHEREVER POSSIBLE, AND SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURAL ELEMENTS. DIAGONAL ROUTING SHALL NOT BE ACCEPTED.
9. THERE SHALL BE NO EXPOSED CONDUITS ON/OR SPANNING ACROSS SKYLIGHT AREAS OR CLEARESTORY.
10. EXPOSED CEILING CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, AND UNIFORMLY SPACED.
11. STRUCTURED CEILING SOFFITS SHALL HAVE FEED PWR FROM CONCEALED CONDUITS WHICH EXTEND FROM THE PERIMETER WALL.

REFLECTED CEILING PLAN NOTES

- 1. THE GENERAL NOTES HEREIN ADDRESS ARCHITECTURAL DESIGN INTENT FOR ALL BUILDING SYSTEM COMPONENTS INSTALLED ABOVE THE FLOOR AND WITHIN THE CEILING AREAS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, 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 DOCUMENTS.
2. MINIMIZE EXPOSED ACCESS HATCHES IN LOBBY AREAS, WHERE FINISHED CEILING IS GYP. BOARD, PLACE EQUIPMENT IN ADJACENT ACCESSIBLE CEILING AREAS ADJACENT TO HARD LID GYP. BOARD CEILING.
3. ELEMENTS INDICATED ON THE ARCHITECTURAL CEILING PLANS, INCLUDING LIGHTS, AIR DIFFUSERS, SPRINKLER HEADS (WHERE INDICATED), DUCT RUNS, PIPING, SPEAKERS, ETC. INDICATE THE ARCHITECTURAL DESIGN INTENT. NOTIFY ARCHITECT OF ANY REQUIRED VARIATIONS TO THE INDICATED DESIGN INTENT PRIOR TO SUBMITTING BIDS FOR THE WORK. PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
4. ALL ACCESS HATCHES TO BE KEVED ALIKE.
5. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR THE LOCATION OF ALL EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS, INCLUDING DUCTS, DIFFUSERS, RETURN GRILLES, THERMOSTATS, LIGHT FIXTURES, CONDUITS, SENSORS, SWITCHES, OUTLETS, FIRE SPRINKLER PIPES, SPRINKLER HEADS AND EQUIPMENT REQUIRING VISIBLE ACCESS HATCHES. 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 SPECIFIC MEP PLANS, BUT ONLY AFTER VERIFICATION FROM ARCHITECT.
6. WHERE DISCREPANCIES OCCUR BETWEEN 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 INDICATED SHALL APPLY.
7. 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 PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
8. NOTIFY ARCHITECT OF ANY VARIATIONS BETWEEN THE NOTES HEREIN AND DRAWINGS, DETAILS, OR SPECIFICATIONS PRIOR TO PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.

HAS STANDARD

- 1. THIS PROJECT IS TO FOLLOW HOUSTON AIRPORT SYSTEM (HAS) STANDARDS FOR ALL DESIGN, HAS STANDARDS CAN BE FOUND AT THEIR WEBSITE, HTTP://WWW.HOUSTONAIRPORTS.BID/ZIP.
2. ANY CONFLICTS BETWEEN HAS STANDARDS AND BID/CONSTRUCTION DOCUMENTS ARE TO BE BROUGHT TO THE ARCHITECTS ATTENTION VIA RFI.
3. ANY FLOOR PENETRATION WILL NEED TO BE X-RAY SCANNED. THIS INCLUDES BUT NOT LIMITED TO FLOOR ANCHORS, AND CORE DRILLING. ALL SCANS ARE TO BE SUBMITTED TO HAS / EOR FOR REVIEW BEFORE WORK CAN BE PERFORMED. GPR

SIGNAGE

- 1. ALL FINAL DESIGN, ENGINEERING & AMOUNT/SIZING OF STRUCTURAL SIGN SUPPORT ELEMENTS, MATERIAL TYPES/THICKNESSES, DIMENSIONS AND ATTACHMENT METHODS SHALL BE PERFORMED AND APPROVED BY A LICENSED ENGINEER TO MEET OR EXCEED ALL APPLICABLE LOCAL AND NATIONAL CODES.
2. FINAL ENGINEERING, DIMENSIONS, MATERIALS AND FABRICATION ARE THE RESPONSIBILITY OF THE CONTRACTOR/FABRICATOR/INSTALLER TO ENSURE THE HIGHEST QUALITY FIT AND FINISH FOR ALL COMPONENTS OF THE COMPLETED PRODUCT. ALL FINAL DETAILING AND SPECIFICATIONS TO BE PROVIDED BY THE CONTRACTOR, FABRICATOR, AND/OR INSTALLER WITHIN THEIR FINAL APPROVED FABRICATION-READY SHOP DRAWINGS.
3. WHEREVER DISSIMILAR METALS ARE IN CONTACT ALWAYS SEPARATE CONTACT SURFACES PRIOR TO ASSEMBLY OR INSTALLATION WITH THE NECESSARY PROTECTIVE COATINGS/GASKETS/WASHERS TO PREVENT GALVANIC CORROSION.
4. FINAL FABRICATION METHODS, QUALITY AND FIT / FINISH TO BE REVIEWED & APPROVED BY HAS AND THE WAYFINDING DESIGN CONSULTANTS THRU PROTOTYPE REVIEWS PRIOR TO FINAL PRODUCTION RUN / INSTALLATION PROCESSES.
5. COLORS SHOWN ARE FOR REFERENCE ONLY, AND ARE SUBJECT TO THE LIMITATIONS OF THE PRINTING PROCESS AND /OR VARIANCE OF ELECTRONIC RGB SCREEN DISPLAYS. REFER TO COLOR SYSTEM SWATCHES AND/OR FINAL FINISH SAMPLES FOR ACCURATE REFERENCE.

ARCHITECTURAL SYSTEMS AND FINISHES

- 1. 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 PERFORMANCE OF ALL LABOR. WORK REQUIRED ACCEPTABLE ALTERNATE PAINT MANUFACTURER THAT CAN MATCH THE SPECIFIED COLOR.
2. PROVIDE SHOP DRAWINGS FOR ARCHITECTURAL SYSTEMS & SIGNAGE, INCLUDING BUT NOT LIMITED TO WOOD PLATFORM AND PRECAST TERRAZZO PLANTER. PROVIDE SUBMITTALS INCLUDING PRODUCT DATA WARRANTY, AND COLOR SELECTION (AS APPLICABLE) OF MATERIALS AND FINISHES. PROVIDE SAMPLES FOR EACH MATERIAL FOR EACH COLOR, FINISH, AND TEXTURE TO BE APPLIED. PROVIDE MOCKUP OF WOOD FINISH PLATFORM AND SIGN WALL TO INCLUDE EXPOSED END CONDITIONS AND RETURNING EDGE CONDITIONS.
3. WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED MATERIAL. PLATFORM WOOD FRAMING SHALL BE FIRE RETARDANT TREATED.
4. INTERIOR STUD WALL FRAMING DESIGN IS INDICATED ON THE PARTITION SCHEDULE. SPECIFIED GAUGES ARE MINIMUMS TO BE UTILIZED FOR TYPICAL APPLICATIONS AND CONDITIONS. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AT SPECIFIC LOCATIONS WHERE THE SPECIFIED OR DETAILED STUD APPLICATION WILL NOT MEET THE MINIMUM DESIGN OR DEFLECTION CRITERIA.
5. 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.
6. INTERIOR PARTITIONS AND WALLS MORE THAN 6 FEET IN HEIGHT, INCLUDING THEIR FINISH MATERIALS SHALL HAVE ADEQUATE STRENGTH TO RESIST LOADS THEY ARE SUBJECT TO BUT NOT LESS THAN 5 PSF. DEFLECTION LIMITS OF INTERIOR PARTITIONS AND WALLS (IBC 2015 TABLE 1604.2)
300 FOR WALLS WITH STUCCO AND PLASTER FINISHES 240 FOR OTHER BRITTLE FINISHES 120 WITH FLEXIBLE FINISHES
7. MISCELLANEOUS STUD FRAMING FOR SOFFITS AND OTHER ARCHITECTURAL ELEMENTS ARE INDICATED FOR GENERAL DESIGN INTENT AND INTERPRETATION ONLY. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AND FRAMING AS NECESSARY TO MEET THE DESIGN AND DEFLECTION CRITERIA.
8. 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 5 PSF WIND LOAD AND L/240 DEFLECTION DESIGN CRITERIA. EXTERIOR OR STRUCTURAL FRAMING SHALL MEET SPECIFIC DESIGN CRITERIA SPECIFIED ELSEWHERE IN THE DOCUMENTS.
9. GYP. BOARD CONTROL JOINTS ARE INDICATED FOR GENERAL DESIGN INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING CONTROL JOINTS TO COMPLY WITH ASTM D949. ALL CONTROL JOINT LOCATIONS ARE TO BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO INSTALLATION.
10. SEALANT JOINTS DESIGNED AS REVEALS ARE INDICATED GRAPHICALLY AS RECESSED, AND MAY ALSO BE NOTED AS 'RECESSED'. MAINTAIN A CONSISTENT BACK OF REVEAL DEPTH.

ARCHITECTURALLY EXPOSED STEEL

- 1. ALL EXTERIOR EXPOSED STRUCTURAL STEEL AND MISCELLANEOUS STEEL COMPONENTS INCLUDING ANGLES, PLATES, ANCHORS, AND FASTENERS SHALL BE PAINTED WITH A HIGH-PERFORMANCE COATING, COLOR AS INDICATED IN THE DOCUMENTS.
2. ALL EXPOSED STEEL RAILINGS SHALL BE PAINTED WITH A HIGH-PERFORMANCE COATING, EXCEPT FOR STAINLESS STEEL HANDRAILS.
3. ALL EXPOSED TUBE OR PIPE PROFILES SHALL HAVE CLOSURE PLATES ON ANY EXPOSED ENDS. SUCH PLATES SHALL BE SEAL WELDED TO PREVENT MIGRATION OF WATER AND INTERNAL RUSTING.
4. CONTRACTOR SHALL REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL MISCELLANEOUS STEEL SHAPES AND COMPONENTS THAT FALL WITHIN THE PROJECT SCOPE BUT ARE NOT INDICATED ON THE STRUCTURAL PLANS. SUCH ITEMS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
a. MISCELLANEOUS STEEL SUPPORTS
b. CLOSURE PLATES ON EXPOSED STEEL PROFILES
c. PARTIAL HEIGHT WALL PARTITIONS
d. CEILING MOUNTED PARTITIONS
e. CEILING MOUNTED EQUIPMENT
f. CUSTOM MILLWORK

REVEAL TRIM DESIGN

- 1. THE ENLARGED ELEVATIONS, SECTIONS, AND DETAILS INDICATE TYPICAL REVEALS AT THE INTERFACE BETWEEN ADJOINING MATERIALS, AND AT INTERSECTING PLANES SUCH AS HORIZONTAL AND VERTICAL.
2. ALL REVEALS SHALL BE CONTINUOUS AND SHALL NOT TERMINATE INTO AN INTERSECTING WALL OR CEILING SURFACE. REVEAL DESIGN IS INDICATED ON THE ELEVATIONS, SECTIONS AND DETAILS.
3. EXTRUDED REVEAL TRIM SHALL BE PAINTED TO MATCH THE COLOR OF THE ADJACENT FINISH, UNLESS NOTED OTHERWISE.

SPECIAL INSPECTIONS AND SUBMITTALS

- 1. A MONTHLY REPORT BY THE CONTRACTOR WITH A COPY OF THE QUALITY CONTROL LOG AND A COPY OF ALL NON-COMPLIANCE ITEMS SHALL BE MAINTAINED AND SUBMITTED TO THE OWNER, ARCHITECT.
2. SPECIAL INSPECTIONS ARE REQUIRED FOR THE FOLLOWING WORK, BUT ARE NOT LIMITED TO:
a. CONCRETE.
b. ANCHOR BOLTS INSTALLED IN CONCRETE.
c. REINFORCING STEEL AND REDRESSING STEEL.
d. WELDING.
e. HIGH-STRENGTH BOLTING.
f. STRUCTURAL MASONRY.
3. DEFERRED SUBMITTALS
1. THE FOLLOWING BUILDING SYSTEMS SHALL BE DESIGN/BUILD BY THE CONTRACTOR AND SHALL BE SUBMITTED FOR SEPARATE REVIEW TO THE AUTHORITIES HAVING JURISDICTION.
a. NON-STRUCTURAL MISCELLANEOUS STEEL FABRICATIONS.
b. ELECTRIFIED HARDWARE / ACCESS CONTROL HARDWARE.
c. FIRE SPRINKLER / FIRE ALARM
2. THE FOLLOWING BUILDING SYSTEMS HAVE BEEN SHOWN IN THE CONTRACT DRAWINGS, BUT SHALL BE DESIGN/BUILD BY THE CONTRACTOR BASED ON THE DESIGN IN THE CONSTRUCTION DOCUMENTS
a. METAL STUD FRAMING

GENERAL NOTES

- 1. 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 CITY/HAS.
2. THE WORK PERFORMED 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.
3. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, 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 INFERRABLE 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.
4. 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.
5. 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.
6. THE PLANS SHOW CONDITIONS AS THEY ARE SUPPOSED OR BELIEVED TO EXIST, BUT IT IS NOT INTENDED OR IMPLIED THAT THE CONDITIONS AS SHOWN CONSTITUTE A REPRESENTATION OF WARRANTY EXPRESSED OR IMPLIED, THAT SUCH CONDITIONS ACTUALLY EXIST.
7. 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.
8. 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.
9. 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 STRUCTURAL AND ELECTRICAL SYSTEMS, BASED ON THE SCOPE DESCRIBED HEREIN. PROVIDE ALL ITEMS, SYSTEMS, PRODUCTS AND LABOR REQUIRED OR IMPLIED FOR THE PROPER EXECUTION AND COMPLETE INSTALLATION OF THE SPECIFIED PRODUCT.
10. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.
11. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND THEIR SERVICE CONNECTIONS WITH THE PROPER UTILITY COMPANIES AND AGENCIES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE CONSTRUCTION ON THE SITE.
13. DETAILS NOT SHOWN ARE SIMILAR IN NATURE TO THOSE 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 OR NOT.
14. WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS BY VARIOUS TRADES, THE CONTRACTOR SHALL CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
15. 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.
16. WHEN DISCREPANCIES EXIST WITHIN THE DRAWINGS, AND BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE COSTLIER CONDITION SHALL APPLY.
17. 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.
18. PROPRIETARY PRODUCTS AND MATERIALS IDENTIFIED IN 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. CONTRACTOR SHALL CONSULT WITH ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH AN ALTERNATE PRODUCT TO WHAT IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS. BASIS OF DESIGN PRODUCTS INCLUDE BUT ARE NOT LIMITED TO ITEMS AS SCHEDULED ON ELEVATIONS & FINISH SCHEDULE.
19. SCAN EXISTING SLAB PRIOR TO DRILLING, 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.

LIGHTING GENERAL NOTES

- 1. SCHEDULED LIGHT FIXTURE ARE PROPRIETARY PRODUCTS AND SHALL BE INTERPRETED AS THE BASIS-OF-DESIGN. THE SCHEDULED FIXTURES SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS. ALTERNATIVE FIXTURES MAY BE USED IF EQUAL TO THE BASIS OF DESIGN. ALTERNATIVE FIXTURES SHALL MATCH THE PERFORMANCE, QUALITY, AND LAMPING OF THE BASIS-OF-DESIGN FIXTURE. CONTRACTOR SHALL CONSULT WITH ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH AN ALTERNATIVE PRODUCT TO THAT WHICH IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS.
2. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL LIGHT FIXTURES, FIXTURE MOUNTING HEIGHTS, AND FIXTURE MOUNTING DETAILS. NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN THE INDICATED MOUNTING REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDED INSTALLATION DETAILS PRIOR TO ORDERING AND PURCHASING OF FIXTURES.
3. ALL FIXTURE FINISHES ARE TO BE VERIFIED WITH THE ARCHITECT FOR APPROVAL.
4. SUBMIT PRODUCT DATA FOR ALL LIGHTING SYSTEM COMPONENTS INCLUDING, BUT NOT LIMITED TO, COLOR, FINISH, MOUNTING HARDWARE, AND LAMPING; PROVIDE DETAILS FOR ANY NON-STANDARD MOUNTING CONFIGURATIONS. STANDARD FIXTURE MOUNTING IS ASSUMED TO BE MANUFACTURER'S STANDARD OR CUSTOM LENGTH SUSPENSION SYSTEM AND POWER CORD CONNECTION DIRECTLY TO THE ROOF DECK, ROOF STRUCTURE, AND ROOF DECK MOUNTED J-BOXES, WHERE APPLICABLE.
5. SEE NOTE 7 ON THE REFLECTED CEILING PLAN NOTES.

ACCESSIBILITY NOTES

- 1. AN EXIT IS A CONTINUOUS AND UNOBSTRUCTED MEAN OF EGRESS TO A PUBLIC WAY AND SHALL INCLUDE INTERVENING ROOMS, DOORS, AISLES, AND YARDS. A PUBLIC WAY IS ANY STREET, ALLEY OR SIMILAR PARCEL OF LAND UNOBSTRUCTED FROM GROUND TO SKY WHICH IS DEDICATED FOR PUBLIC USE AND HAVING A CLEAR WIDTH OF NOT LESS THAN 10 FEET.
2. CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS BUT SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH.
3. EVERY PORTION OF EVERY BUILDING IN WHICH ARE INSTALLED SEATS, TABLES, MERCHANDISE, EQUIPMENT, OR SIMILAR MATERIALS SHALL BE PROVIDED WITH HANDLES LEADING TO AN EXIT.
4. OBJECTS PROTRUDING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, PASSAGEWAYS OR AISLES.
5. FREE STANDING OBJECTS MOUNTED ON POSTS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE FINISHED FLOOR.
6. CLEAR FLOOR SPACE THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT. THE MINIMUM CLEAR FLOOR SPACE REQUIRED TO ACCOMMODATE A SINGLE STATIONARY WHEELCHAIR IS 30" BY 48". THE MINIMUM CLEAR FLOOR SPACE MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH. THE MINIMUM CLEAR WIDTH FOR A SINGLE WHEELCHAIR PASSAGE SHALL BE 32" AT A POINT AND 30" CONTINUOUSLY.
9. THE MINIMUM CLEAR WIDTH FOR 2 WHEELCHAIRS TO PASS SHALL BE 60".
10. THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36" WHERE THE OBSTRUCTION IS 40" OR MORE IN LENGTH AND 42" WHERE THE OBSTRUCTION IS LESS THAN 48" IN LENGTH.
11. CONTRACTOR SHALL NOTIFY ARCHITECT SHOULD ANY OF THE ABOVE GENERAL NOTES BE IN CONFLICT WITH THE TEXAS ACCESSIBILITY STANDARDS.

HAS FILE

- 1. HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

PLOT DATE:

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

FILE PATH:

BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

PLOT DATE:

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

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

FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.1.2_Terminal D Restrooms.rvt

HAS FILE: BIM 360/1429.12_Terminal D Restrooms/1429.1.

302 FLOOR OR GROUND SURFACES

302.1 GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND RESISTANT AND SHALL COMPLY WITH 303.1...

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...

302.3 OPENINGS. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE HAVING A DIAMETER OF 1 1/2 INCHES (38 MM) EXCEPT AS ALLOWED IN 407.4.3, 409.4.3, 410.4, 810.5.3 AND 810.10...

302.4 RAMP. RAMP SURFACES SHALL BE STABLE, FIRM, AND RESISTANT AND SHALL COMPLY WITH 303.1...

302.5 GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND RESISTANT AND SHALL COMPLY WITH 303.1...



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 304.2...

304.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302.2...

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...

304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH (1525 MM) SQUARE MINIMUM...

304.3.3 TURNING SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES (1525 MM) DIAMETER MINIMUM...

304.3.4 TURNING SPACE. THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES (1525 MM) DIAMETER MINIMUM...

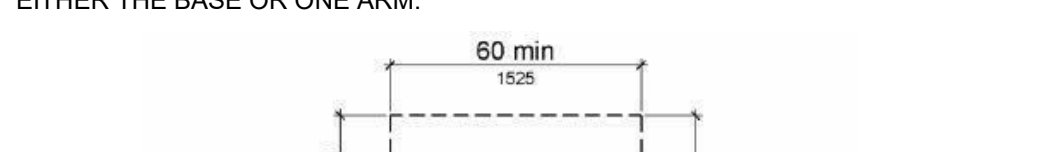


FIG. 304.3.2 T-SHAPED TURNING SPACE

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 305.2...

305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302.2...

305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES (762 MM) MINIMUM BY 48 INCHES (1220 MM) MINIMUM...

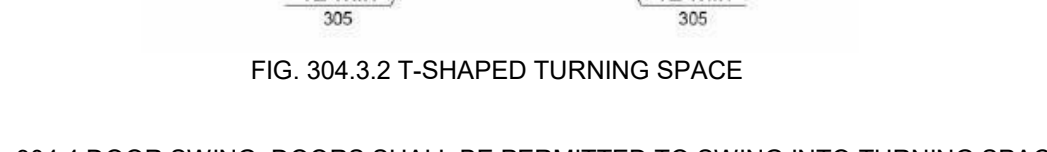


FIG. 305.3 CLEAR FLOOR OR GROUND SPACE

305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE...

305.5 POSITION. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT...

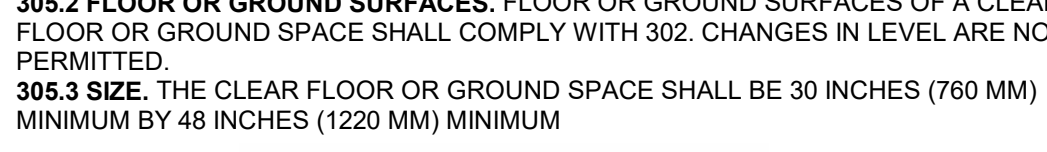


FIG. 305.5 POSITION OF CLEAR FLOOR OR GROUND SPACE

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)...

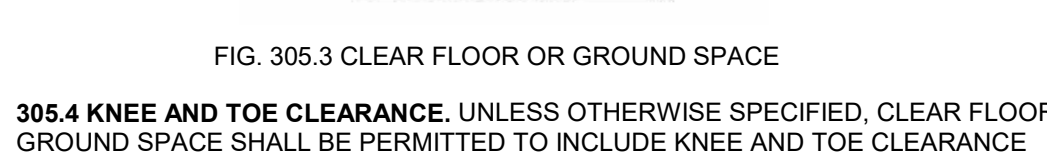


FIG. 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

305.7.3 PARALLEL APPROACH. ALCOVES SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES (380 MM)...

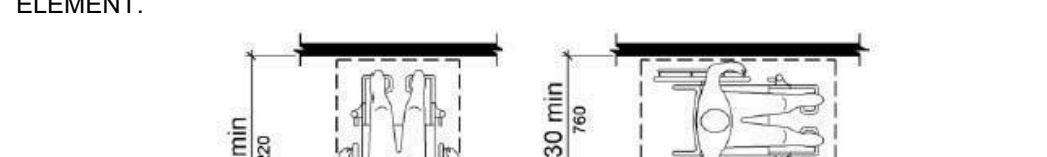


FIG. 305.7.2 MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH

306 KNEE AND TOE CLEARANCE

306.1 GENERAL. WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH 306.2...

306.2 TOE CLEARANCE. GENERAL. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH 306.3...

306.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (430 MM) MINIMUM UNDER THE ELEMENT...

306.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6 INCHES (150 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE...

306.5 WIDTH. TOE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM.

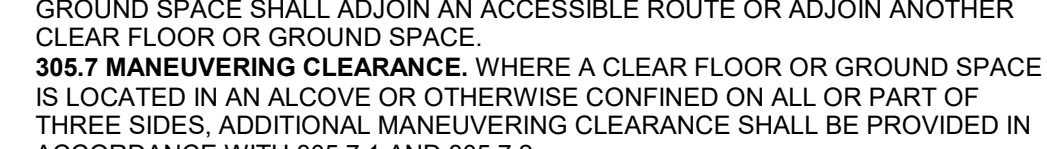


FIG. 306.5 WIDTH OF TOE CLEARANCE

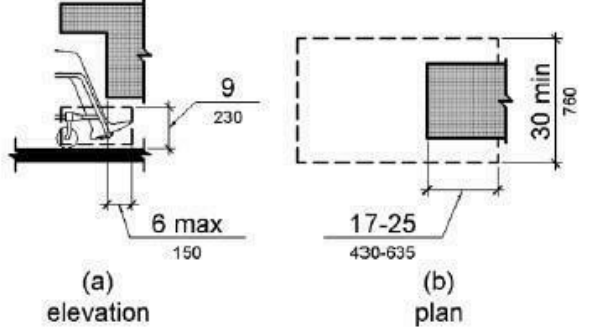


FIG. 306.2 TOE CLEARANCE

306.3 KNEE CLEARANCE

306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES (230 MM) AND 27 INCHES (685 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH 306.3.2...

306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT AT 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR GROUND...

306.3.3 MINIMUM REQUIRED DEPTH. WHERE TOE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES (430 MM) MINIMUM UNDER THE ELEMENT...

306.3.4 ADDITIONAL CLEARANCE. SPACE EXTENDING GREATER THAN 6 INCHES (150 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE...

306.3.5 WIDTH. TOE CLEARANCE SHALL BE 30 INCHES (762 MM) WIDE MINIMUM.

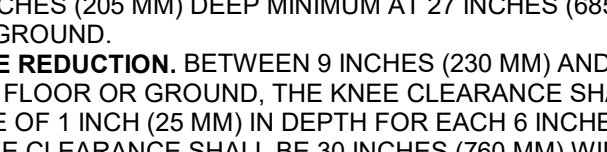


FIGURE 306.3 KNEE CLEARANCE

307 PROTRUDING OBJECTS

307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH 307.2...

307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (685 MM) AND NOT MORE THAN 90 INCHES (2300 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES (100 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH...

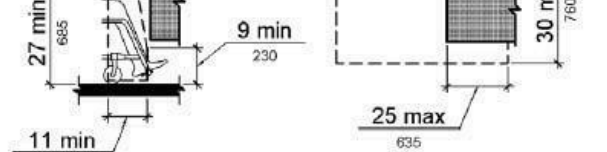


FIG. 307.2 LIMITS OF PROTRUDING OBJECTS

307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PLYONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES (305 MM) MAXIMUM WHEN LOCATED 27 INCHES (685 MM) MINIMUM AND 90 INCHES (2300 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND...

307.3.1 GENERAL. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PLYONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES (305 MM) MAXIMUM WHEN LOCATED 27 INCHES (685 MM) MINIMUM AND 90 INCHES (2300 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND...

307.3.2 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...

307.3.3 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 302.2...

307.3.4 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

307.3.5 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...

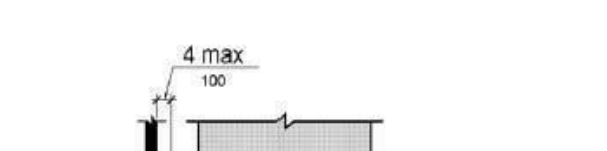


FIG. 307.3.1 POST-MOUNTED PROTRUDING OBJECTS

307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80 INCHES (2030 MM) HIGH MINIMUM OVER THE CLEARING PRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (2030 MM) HIGH...

307.4.1 GENERAL. VERTICAL CLEARANCE SHALL BE 80 INCHES (2030 MM) HIGH MINIMUM OVER THE CLEARING PRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES (2030 MM) HIGH...

307.4.2 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...

307.4.3 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 302.2...

307.4.4 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

307.4.5 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...

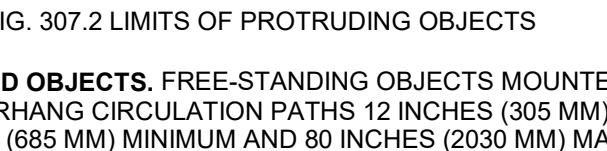


FIG. 307.4 VERTICAL CLEARANCE

308 REACH RANGES

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308.2...

308.2 FORWARD REACH. UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.2 OBSTRUCTED HIGH REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

308.2.3 OBSTRUCTED LOW REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

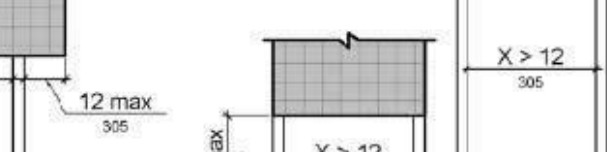


FIG. 308.2.1 UNOBSTRUCTED FORWARD REACH

308.2.4 OBSTRUCTED HIGH REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

308.2.5 OBSTRUCTED LOW REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

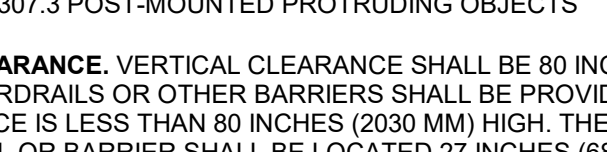


FIG. 308.2.2 OBSTRUCTED HIGH FORWARD REACH

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308.2...

308.2 FORWARD REACH. UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.2 OBSTRUCTED HIGH REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

308.2.3 OBSTRUCTED LOW REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...



FIG. 308.2.3 OBSTRUCTED LOW FORWARD REACH

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308.2...

308.2 FORWARD REACH. UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.2.2 OBSTRUCTED HIGH REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

308.2.3 OBSTRUCTED LOW REACH. WHERE A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE LOW FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM WHERE THE REACH DEPTH IS 20 INCHES (510 MM) MAXIMUM...

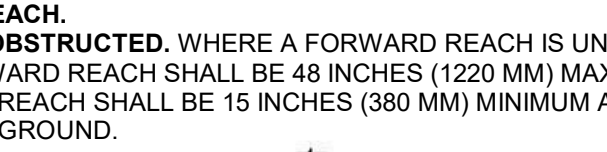


FIG. 308.2.3 OBSTRUCTED LOW FORWARD REACH

308.3 SIDE REACH.

308.3.1 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

308.3.2 UNOBSTRUCTED. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND...

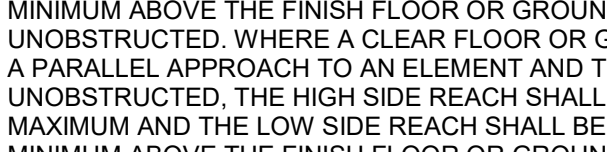


FIG. 308.3.1 UNOBSTRUCTED SIDE REACH

308.3.3 OBSTRUCTED HIGH SIDE REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (865 MM) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610 MM) MAXIMUM...



FIG. 308.3.2 OBSTRUCTED HIGH SIDE REACH

402 ACCESSIBLE ROUTES

402.1 GENERAL. ACCESSIBLE ROUTES SHALL COMPLY WITH 402.2...

402.2 COMPONENTS. ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES, 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.

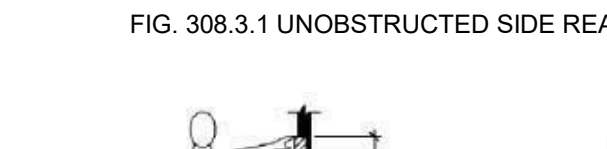


FIG. 402.2 COMPONENTS OF ACCESSIBLE ROUTES

403 WALKING SURFACES

403.1 GENERAL. WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 403.2...

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...

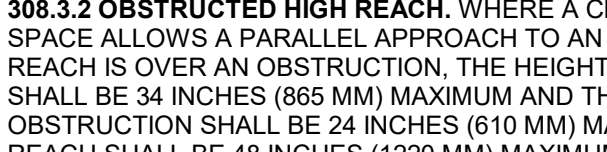


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...



FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...

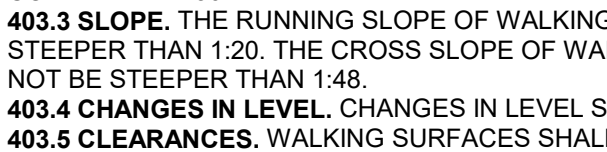


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...

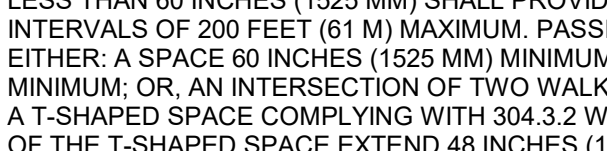


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...

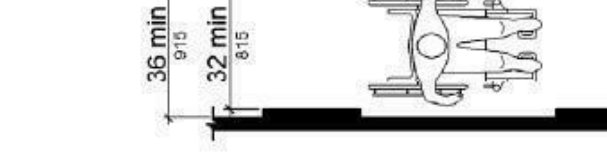


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...

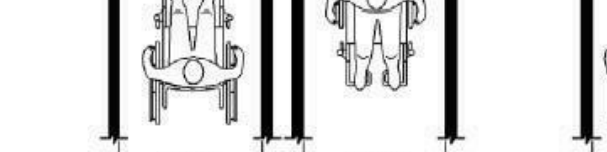


FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

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 302.2...

403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.3...

403.6 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...



FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302.2...

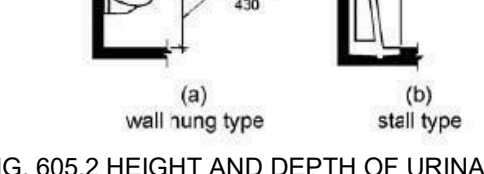
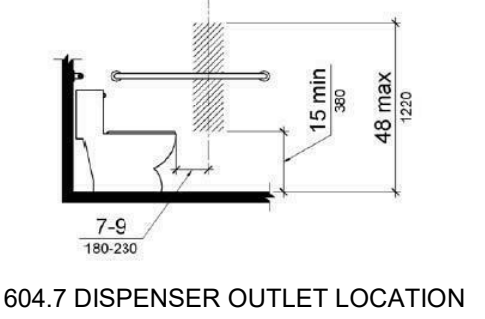
403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STE

604.5 ILLUMINATION. THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS... 604.6 ELEVATOR CAR CONTROLS. WHERE PROVIDED, ELEVATOR CAR CONTROLS... 604.6.1 LOCATION. CONTROLS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308.

605.6 GRIPPING SURFACE. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED... 605.7 CROSS SECTION. HANDRAIL GRIPPING SURFACES SHALL HAVE A CROSS SECTION COMPLYING WITH 605.7.1 OR 605.7.2.

604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL BE 7 INCHES (180 MM) MINIMUM AND 8 INCHES (200 MM) MAXIMUM... 604.8 TOILET COMPARTMENTS. WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS SHALL MEET THE REQUIREMENTS OF 604.8.1 AND 604.8.3.

605.1 URINALS. GENERAL. URINALS SHALL COMPLY WITH 605. 605.2 HEIGHT AND DEPTH. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE... 605.3 CLEAR FLOOR SPACE. CLEAR FLOOR SPACE COMPLYING WITH 305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.



607.4.7 DESIGNATIONS AND INDICATORS OF CAR CONTROLS. DESIGNATIONS AND INDICATORS OF CAR CONTROLS SHALL COMPLY WITH 407.4.7. 407.4.7.1 TYPE. CONTROL BUTTONS SHALL BE IDENTIFIED BY TACTILE CHARACTERS COMPLYING WITH 703.2.

602 DRINKING FOUNTAINS 602.1 GENERAL. DRINKING FOUNTAINS SHALL COMPLY WITH 307 AND 602. 602.2 CLEAR FLOOR SPACE. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT.

604.8.1.1 SIZE. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL... 604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

606 LAVATORIES AND SINKS SHALL COMPLY WITH 606. 606.1 GENERAL. LAVATORIES AND SINKS SHALL COMPLY WITH 305. POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

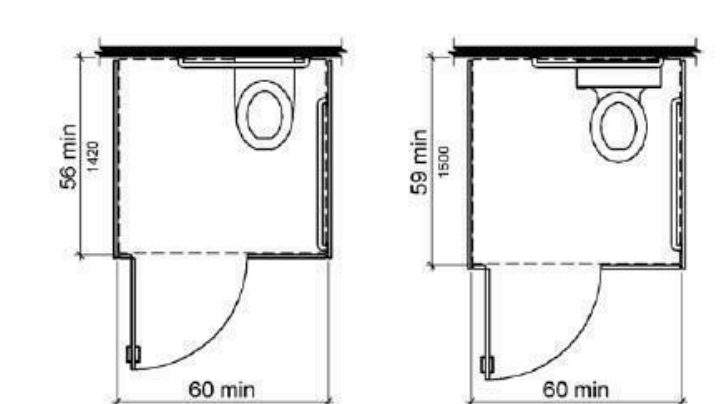


607.4.8 CAR POSITION INDICATORS. AUDIBLE AND VISIBLE CAR POSITION INDICATORS SHALL BE PROVIDED IN ELEVATOR CARS. 607.4.8.1 VISIBLE INDICATORS. VISIBLE INDICATORS SHALL COMPLY WITH 407.4.8.1.

603 TOILET & BATHING ROOMS 603.1 GENERAL. TOILET AND BATHING ROOMS SHALL COMPLY WITH 603. 603.2 CLEARANCES. CLEARANCES SHALL COMPLY WITH 603.2. 603.3 TURNING SPACE. TURNING SPACE COMPLYING WITH 304 SHALL BE PROVIDED WITHIN THE ROOM.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

609 GRAB BARS 609.1 GENERAL. GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL COMPLY WITH 609. 609.2 INSTALLATION. GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH 609.2.1 OR 609.2.2.



602 PARKING SPACES 602.1 GENERAL. CAR AND VAN PARKING SPACES SHALL COMPLY WITH 502, WHERE APPLICABLE. SPACES ARE MARKED WITH LINES, WIDTH MEASUREMENTS OF PARKING SPACES AND ACCESS AISLES SHALL BE MADE FROM THE CENTERLINE OF THE MARKINGS.

604.8.2.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

609.3 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (112 N) IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

603 PASSENGER LOADING ZONES 603.1 GENERAL. PASSENGER LOADING ZONES SHALL COMPLY WITH 303. 603.2 VEHICLE PULL-UP SPACE. PASSENGER LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96 INCHES (2440 MM) WIDE MINIMUM AND 20 FEET (6100 MM) LONG MINIMUM.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

702 FIRE ALARM SYSTEMS 702.1 GENERAL. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE. SEE "REFERENCED STANDARDS" IN CHAPTER 1).

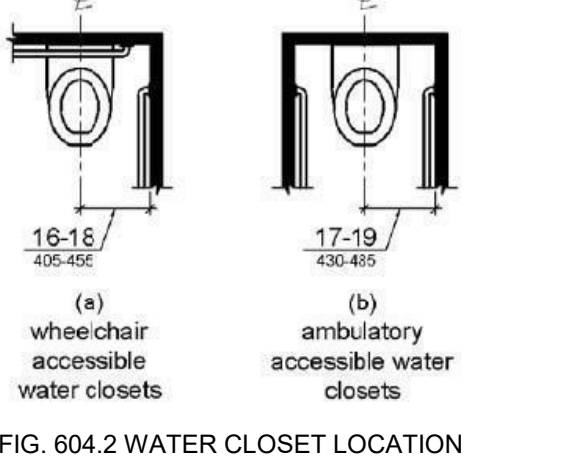


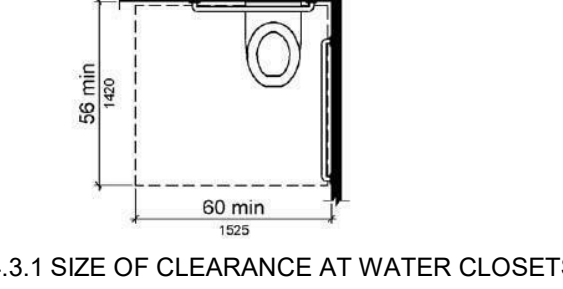
Table with 3 columns: Age group, Water Closet Centerline, Toilet Seat Height, Grab Bar Height, Dispenser Height. Rows include Ages 3 and 4, Ages 5 through 8, and Ages 9 through 12.

604 STAIRWAYS 604.1 GENERAL. STAIRS SHALL COMPLY WITH 504. 604.2 TREADS AND RISERS. ALL STEPS ON ALL FLIGHTS OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

703 SIGNS 703.1 GENERAL. SIGNS SHALL COMPLY WITH 703 WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED. EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.

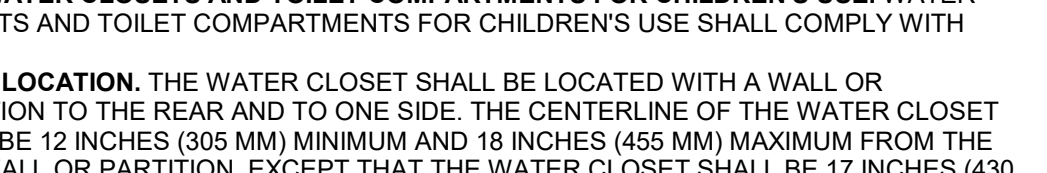
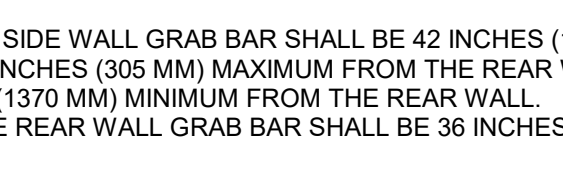


604.3 MARKING. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM. 604.4 FLOOR AND GROUND SURFACES. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL COMPLY WITH 302.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

703.2 CASE. CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A COMBINATION OF BOTH. 703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE TALLOBLIQUE, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.



605 HANDRAILS 605.1 GENERAL. HANDRAILS PROVIDED ALONG WALKING SURFACES COMPLYING WITH 303. 605.2 REQUIRED. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

703.5 VISUAL CHARACTERS. VISUAL CHARACTERS SHALL COMPLY WITH 703.5. 703.5.1 FINISH AND CONTRAST. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL.

604.8.1.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1525 MM) MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL AND 56 INCHES (1420 MM) MAXIMUM FROM THE CENTERLINE OF THE DISPENSER.

703.5.6 HEIGHT FROM FINISH FLOOR OR GROUND. VISUAL CHARACTERS SHALL BE 40 INCHES (1015 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

HOUSTON AIRPORTS 3701 North Terminal Road Houston, Texas 77032 TERMINAL D - RESTROOM RENOVATIONS

RDLR Architects ARCHITECTURE PLANNING INTERIORS 800 Sampson St. #104 Houston, TX 77003 713.668.3121 www.rdlr.com

JONES ENGINEERS, L.P. HENDERSON ROGERS structural engineers 5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

FGA ENGINEERS, INC. DESIGNER PROJECT NO.: PROJECT STATUS: REVISIONS

Table with 3 columns: No., DESCRIPTION, DATE, BY. Includes revision history for the project.

DIRECTOR of HOUSTON AIRPORT SYSTEM

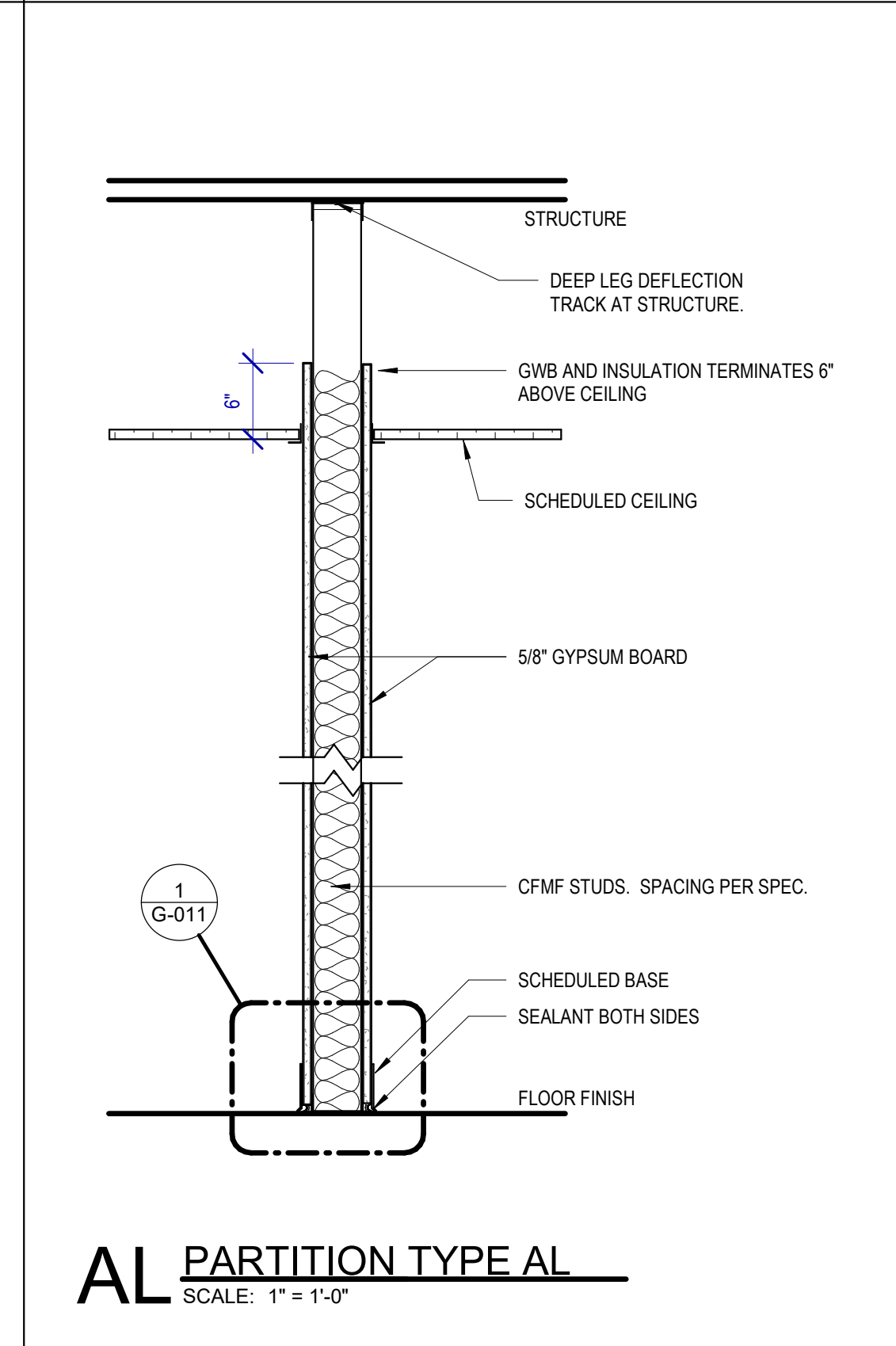
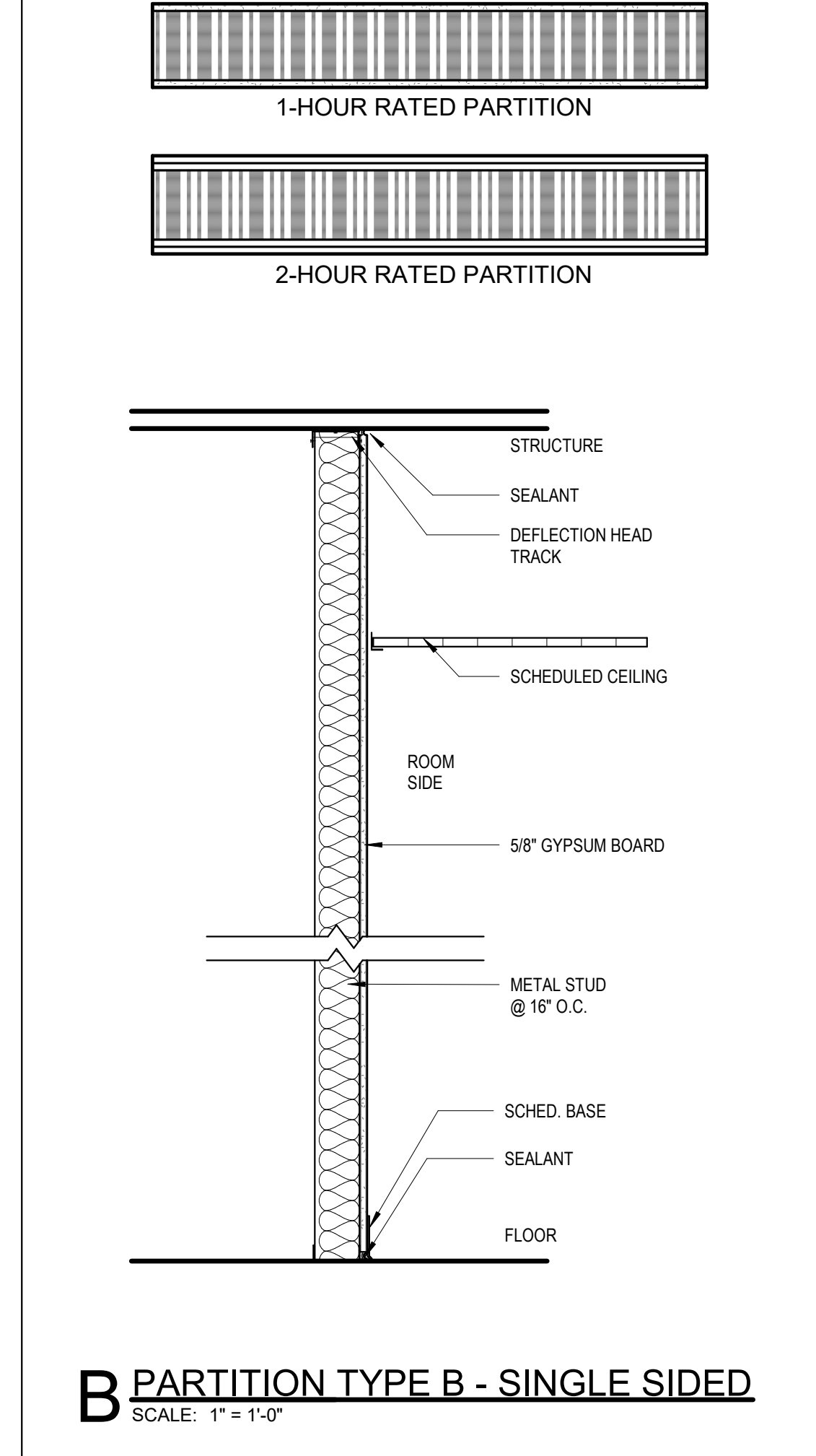
IFB ISSUED FOR BIDDING REGISTERED ARCHITECT DANIEL ORTIZ STATE OF TEXAS 03.15.24

SHEET No. G-005 SCALE: 1/2" = 1'-0" SHEET SIZE: 30"x42" ARCH E1

PARTITION TYPE NOTES

- PARTITION TYPES SCHEDULE DEFINES ASSEMBLY TYPES AND VARIATIONS WITHIN EACH TYPE REFER TO FLOOR PLANS TO DETERMINE THE LOCATION FOR EACH TYPE.
- ALL GYPSUM WALLBOARD (INCLUDING CEILINGS) TO BE INSTALLED IN WET OR DAMP AREAS SUCH AS TOILETS, KITCHENS, JANITOR CLOSETS, MECHANICAL ROOMS, UNCONDITIONED SPACES, BELOW GRADE AREAS, OR ANY OTHER AREAS SUSCEPTIBLE TO MOISTURE OR DAMPNESS SHALL BE WATER RESISTANT TYPE, U.N.O.
- ALL WALLBOARD INSTALLED WHERE TILE FINISH IS SCHEDULED SHALL BE 5/8" CEMENT BACKER BOARD U.N.O.
- USE DEEP LEG DEFLECTION TRACK @ THE TOP OF ALL PARTITIONS SECURED TO UNDERSIDE OF STRUCTURE.
- AT FIRE RATED WALLS APPLY AN ADDITIONAL LAYER OF WALLBOARD ON ANY FACES RECEIVING REVEALS.
- PROVIDE ADDITIONAL METAL FRAMING AS REQUIRED TO SUPPORT GYPSUM BOARD FINISHES. IF NO SUPPORT IS INDICATED PROVIDE FRAMING ASSEMBLY THAT COMPLIES WITH MIN. DESIGN LOAD OF 1420 & 10 PSF AND 50% L.O.A.D. TYPICAL FOR MECHANICAL PLenums AND ELEVATOR SHAFTS.
- 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.
- ALL METAL STUDS EXTEND TO STRUCTURE U.N.O. BY TYPE DESIGNATION OR SPECIFIC DETAIL.
- ALIGN EXTERIOR CORNERS AND JOINTS IN FINISHED AREAS, TYP.
- PROVIDE CONTINUOUS CAULKING AT ALL DUCT AND PIPE PENETRATIONS THROUGH WALLS IN ACCORDANCE WITH SPECIFICATIONS.
- AT CHASE WALLS PROVIDE HORIZONTAL BRACING FOR SEPERATIONS LESS THAN 9" WITH MIN. 4" METAL BRACE. AT SEPERATIONS GREATER THAN 9" PROVIDE 12" WIDE GYPSUM WALL BOARD BRACE. ALL BRACES AT 32" O.C. MIN.
- DIMENSION PLANS SHALL INDICATE PARTITION CLEAR DIMENSIONS FROM FACE OF WALLBOARD TO FACE OF WALLBOARD UNLESS NOTED OTHERWISE.

FIRE RATING GRAPHIC SYMBOL



PARTITION TYPE KEY CODE

AS4A

FIRST CHARACTER: PARTITION TYPE - REFERENCE DIAGRAMS THIS SHEET

A	TYPICAL CFMF STUD PARTITION
B	TYPICAL CFMF FURRING WALL (FINISH ON 1 SIDE ONLY TYP)
C	TYPICAL CFMF CHASE WALL PARTITION
D	TYPICAL CFMF DOUBLE WALL PARTITION
E	TYPICAL CFMF SINGLE SIDED PARTITION AT EXTERIOR
M	TYPICAL CMU WALL PARTITION
P	TYPICAL CFMF "PONY" WALL (FINISH WRAPS TOP OF WALL)
S	SPECIALTY FRAMED PARTITION - REFER TO DETAILS
W	WOOD FRAMED PARTITION - DIMENSIONAL LUMBER

SECOND CHARACTER GROUP: SPECIALTY CHARACTERISTIC (IF APPLICABLE)

[]	NO CHARACTER SIGNIFIES STANDARD PARTITION TYPE
GWB	FINISH TERMINATES 6" ABOVE CEILING - DOES NOT EXTEND TO STRUCTURE. BRACE AS REQUIRED
S	SOUND ATTENUATING PARTITION WITH STC RATING
STC	RATING IS NOTED BELOW DETAIL
X	1 HR FIRE RATED PARTITION ASSEMBLY WITH UL LISTING
UL	DESIGNATION IS NOTED BELOW DETAIL.
2X	2 HR FIRE RATED PARTITION ASSEMBLY WITH UL LISTING
UL	DESIGNATION IS NOTED BELOW DETAIL.
3X (...ETC)	

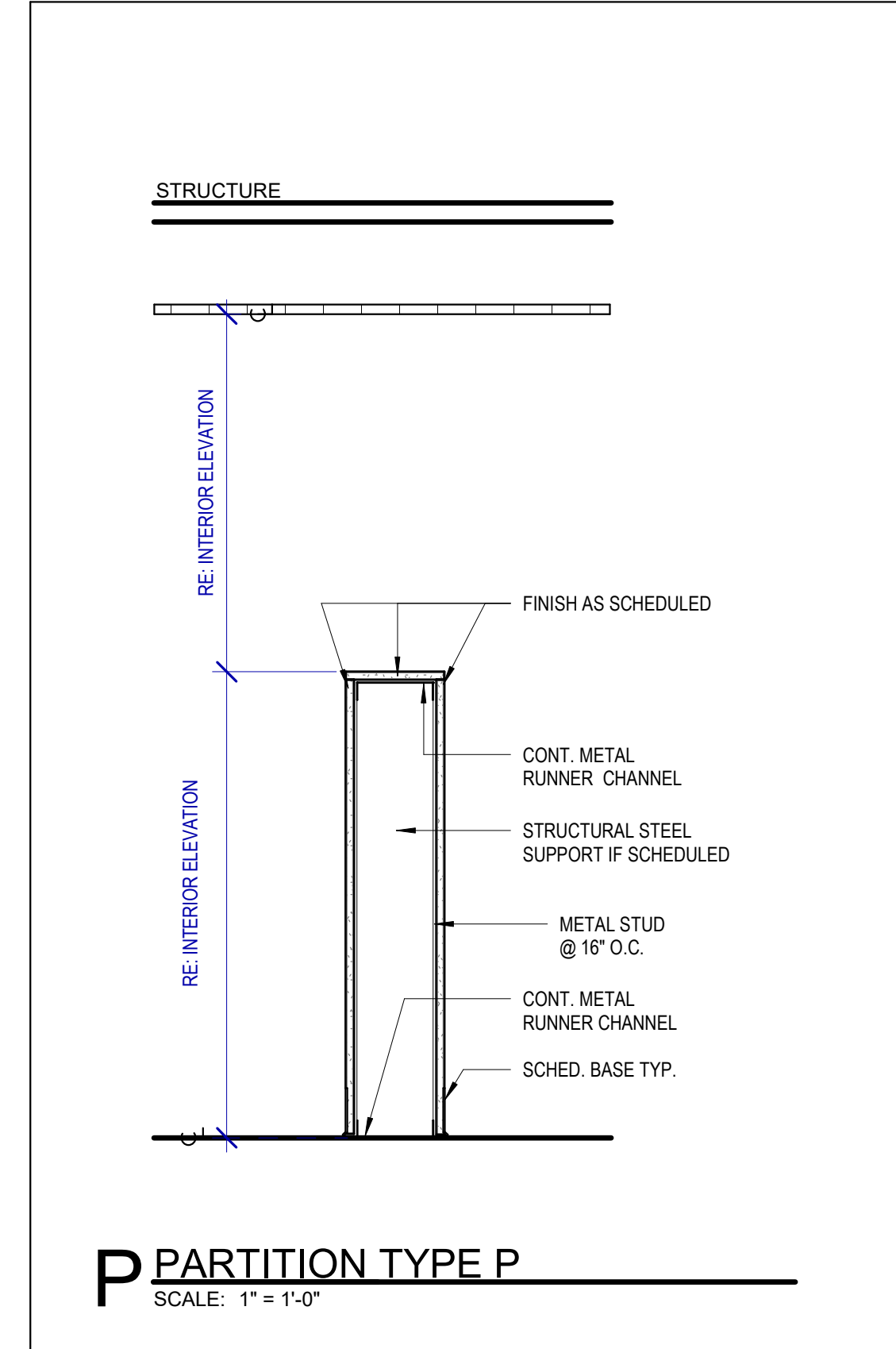
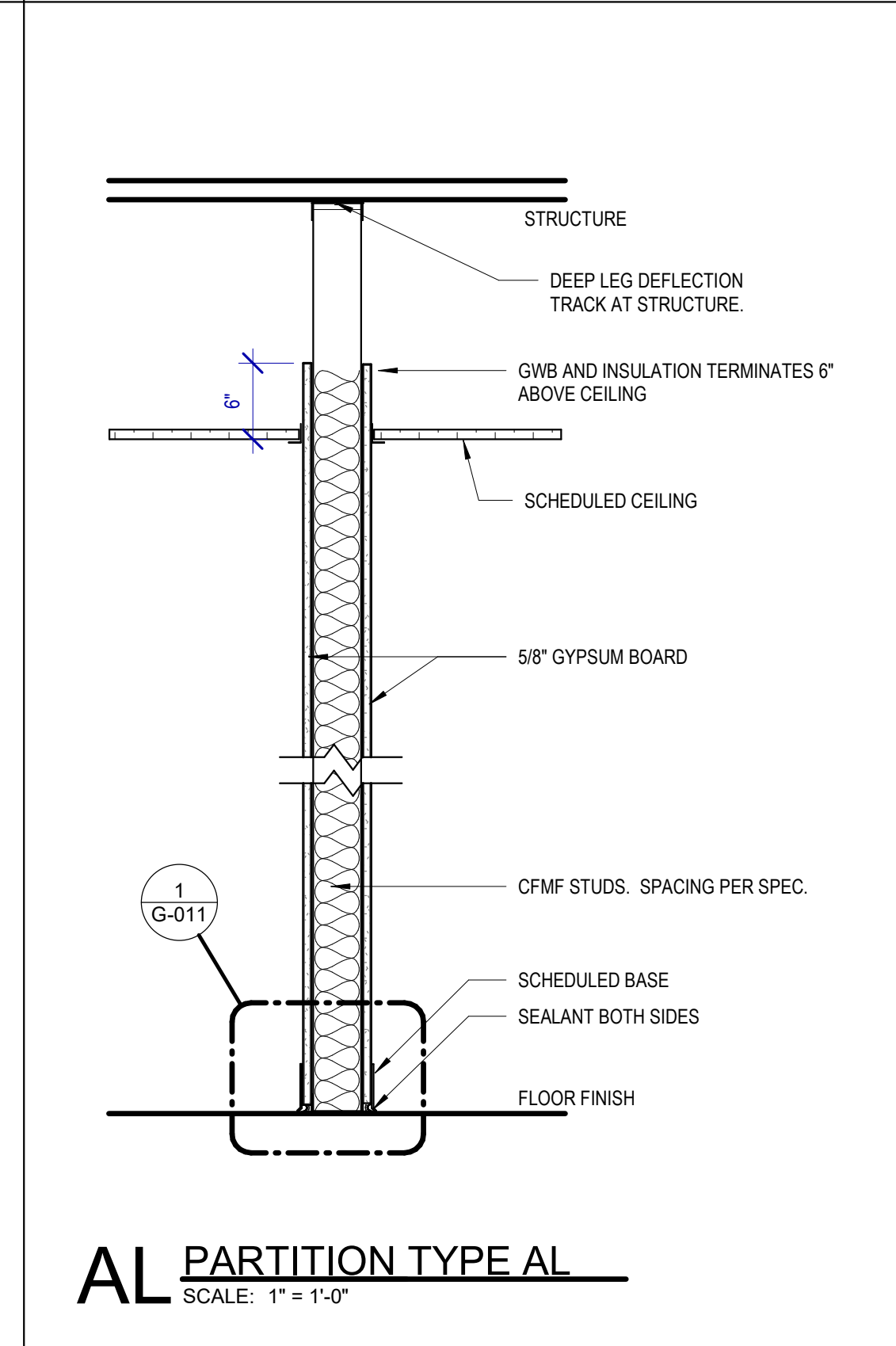
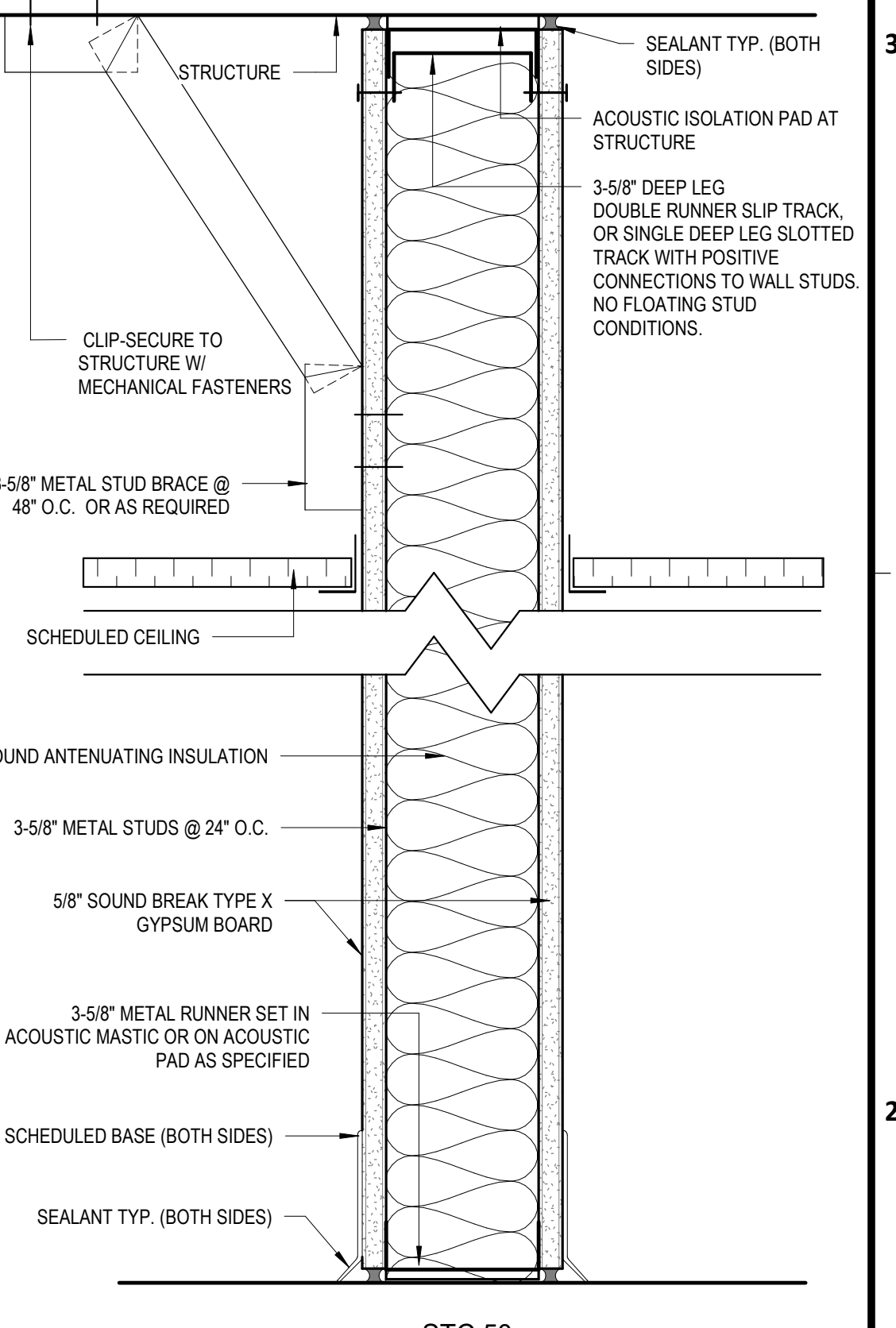
THIRD CHARACTER: STUD THICKNESS AS FOLLOWS (REFER TO PLAN):

0	7/8" METAL FURRING CHANNEL
1	1-5/8" METAL STUD or 1-1/2" FURRING CHANNEL
2	2-1/2" METAL STUD or FURRING CHANNEL
4	3-5/8" METAL STUD or 4" CMU
6	6" METAL STUD
8	8" METAL STUD or 8" CMU

FOURTH CHARACTER: PARTITION INSULATION SCHEDULE (REFER TO PLAN):

I	STANDARD FIBERGLASS BATTS TO FILL STUD CAVITY
S	SPECIALTY SOUND ATTENUATING INSULATION TO FILL CAVITY
F	SPRAY FOAM INSULATION TO FILL CAVITY
R	THERMAL RIGID FOAM INSULATION
T	THERMAL FIBER-GLASS INSULATION TO FILL CAVITY
-	NO CHARACTER INDICATES NO INSULATION USED

GRAPHIC EXAMPLE: PARTITION TYPE AS4S



HOUSTON AIRPORTS

3701 North Terminal Road
 Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
 C.O.H. No. D.O.A. No.
 B.S.G. No. H.A.S. No.
 TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
 ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
 structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
 PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
 DRAWN BY: GP
 CHECKED BY: DO
 ISSUE DATE: 03/15/2024
 APPROVED BY: DANIEL ORTIZ
 APPROVAL DATE: 03/15/2024

DIRECTOR of HOUSTON AIRPORT SYSTEM

Noted/ Approval Category

IFB
 ISSUED FOR BIDDING

REGISTERED ARCHITECT
 DANIEL ORTIZ
 STATE OF TEXAS
 03.15.24

SHEET NAME: INTERIOR PARTITION SCHEDULE

SHEET No. G-010 SCALE: As indicated

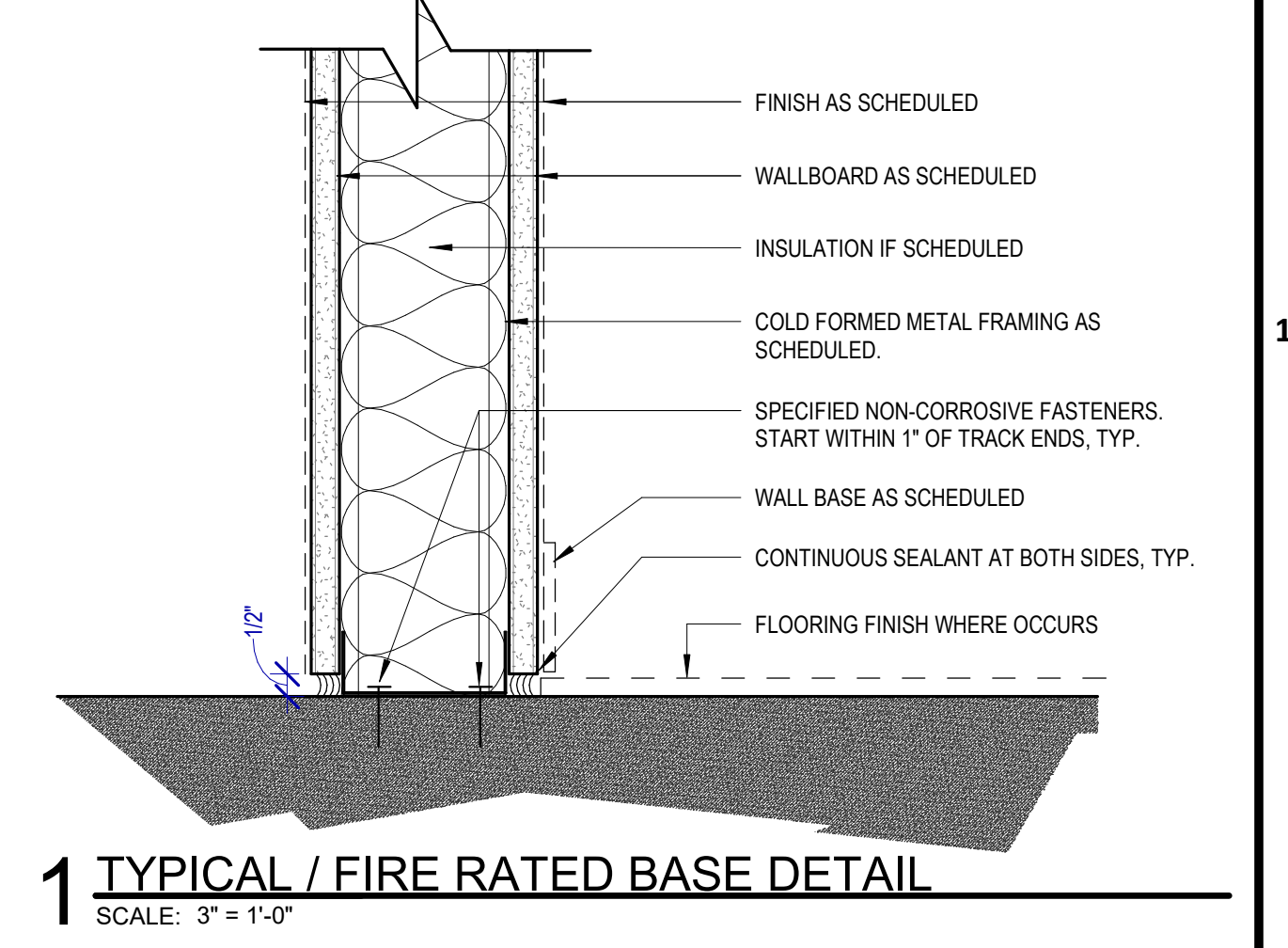
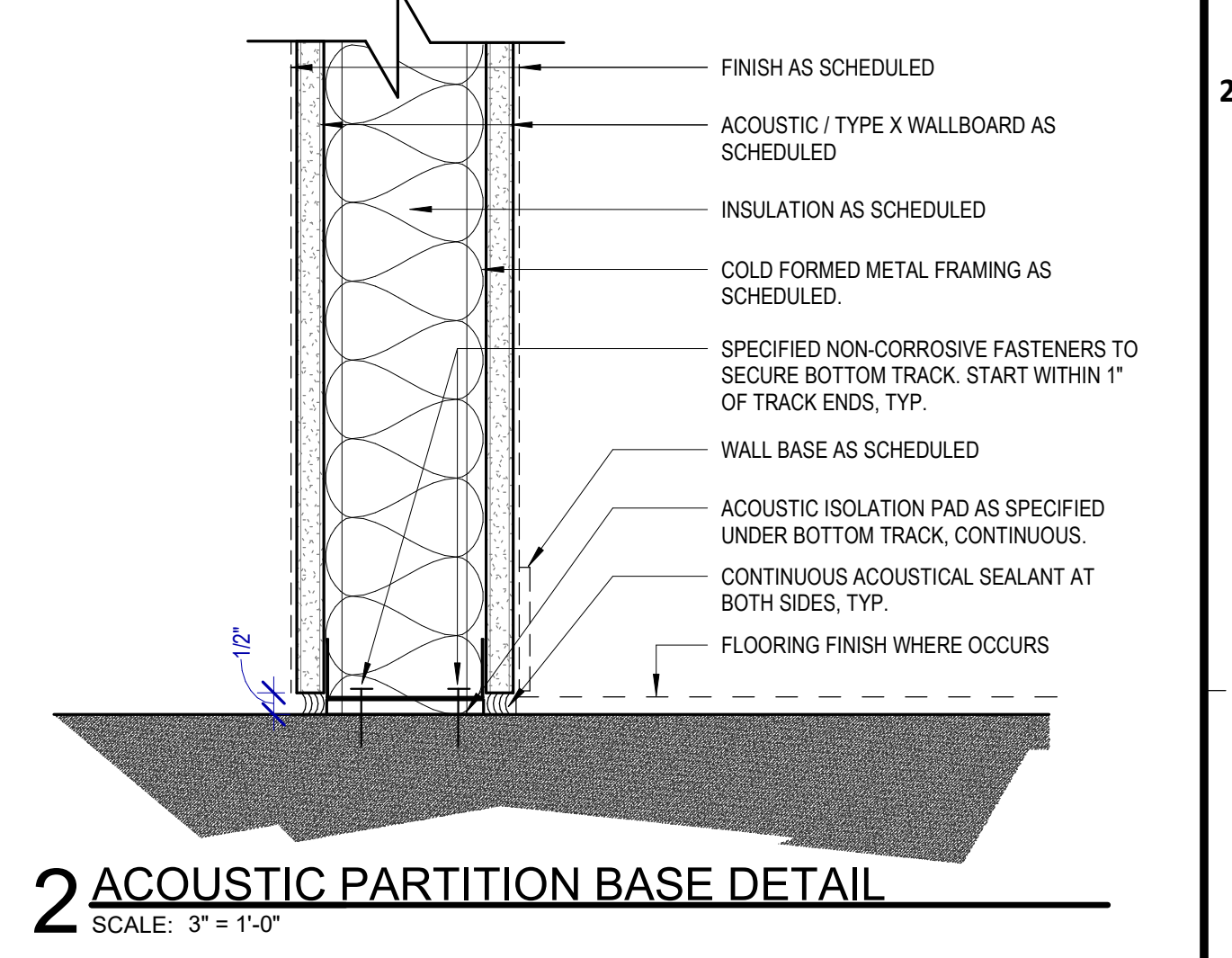
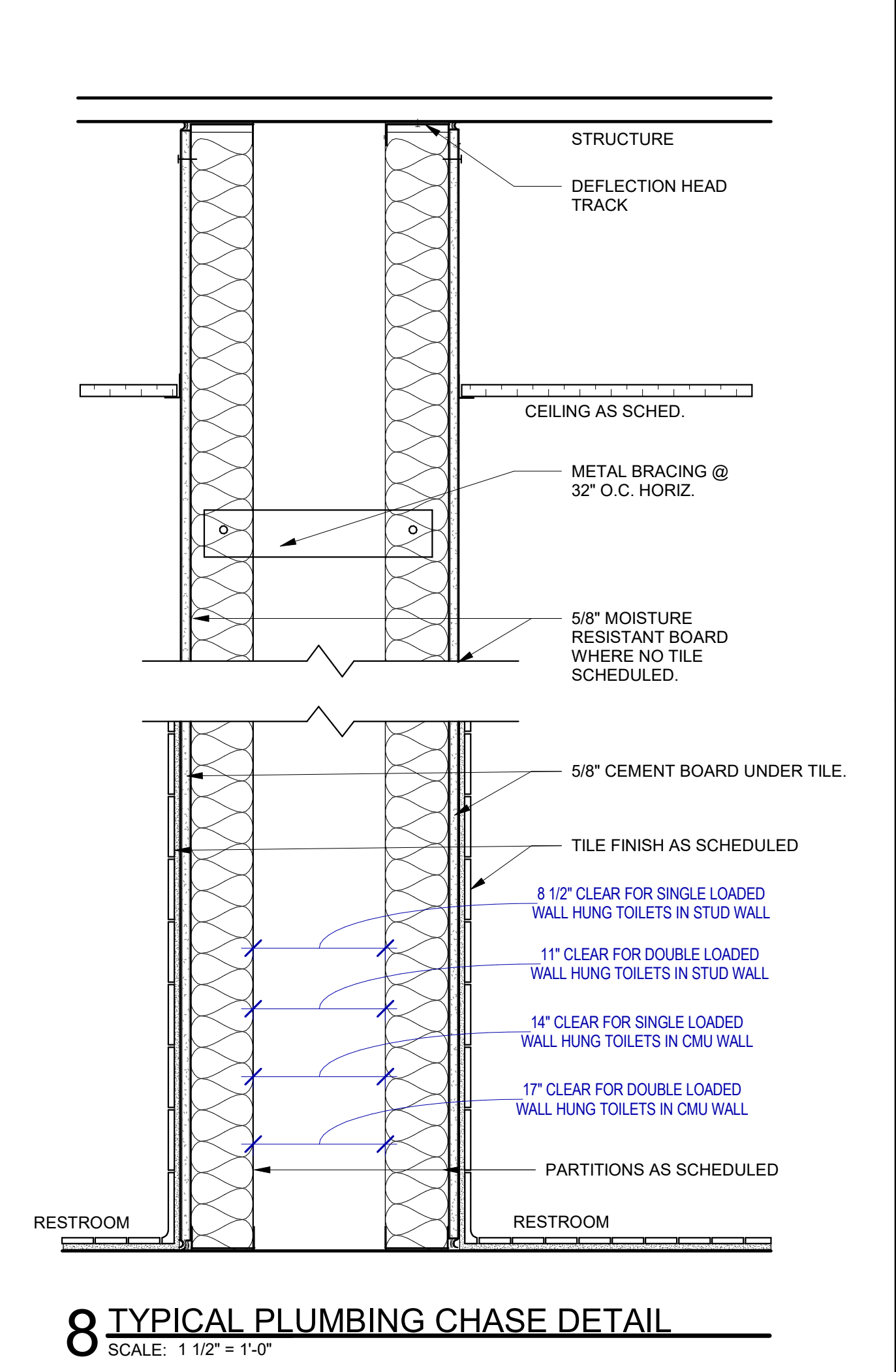
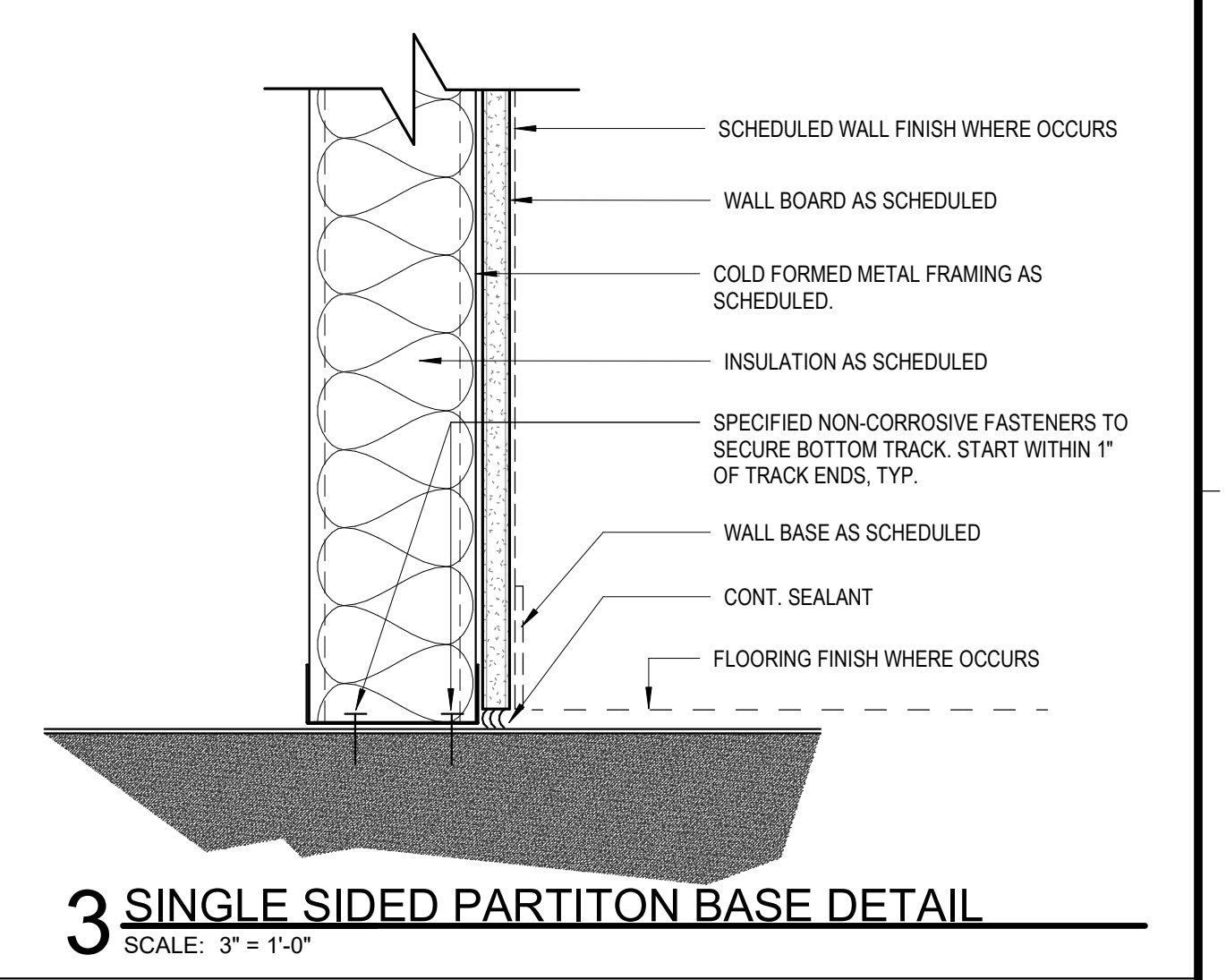
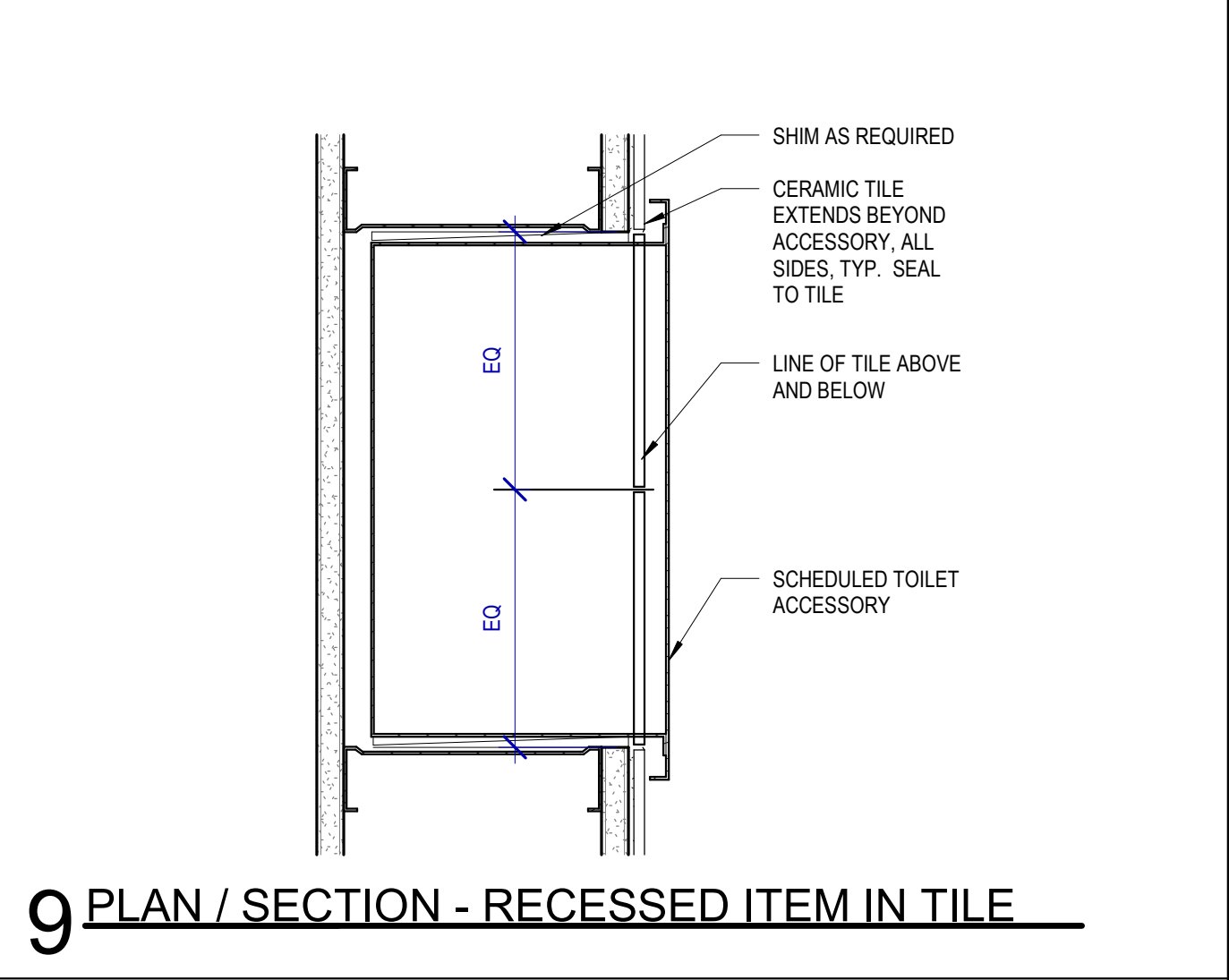
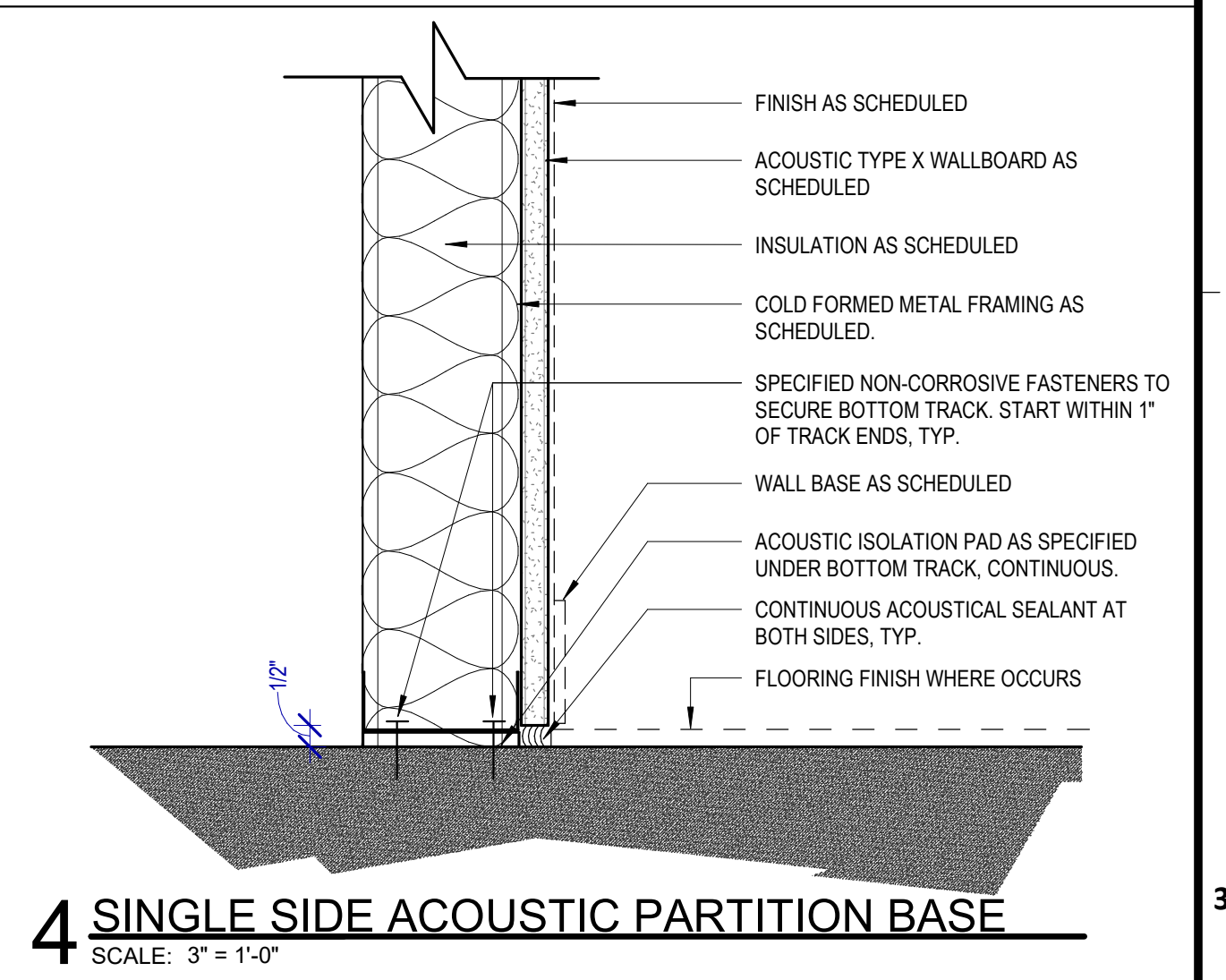
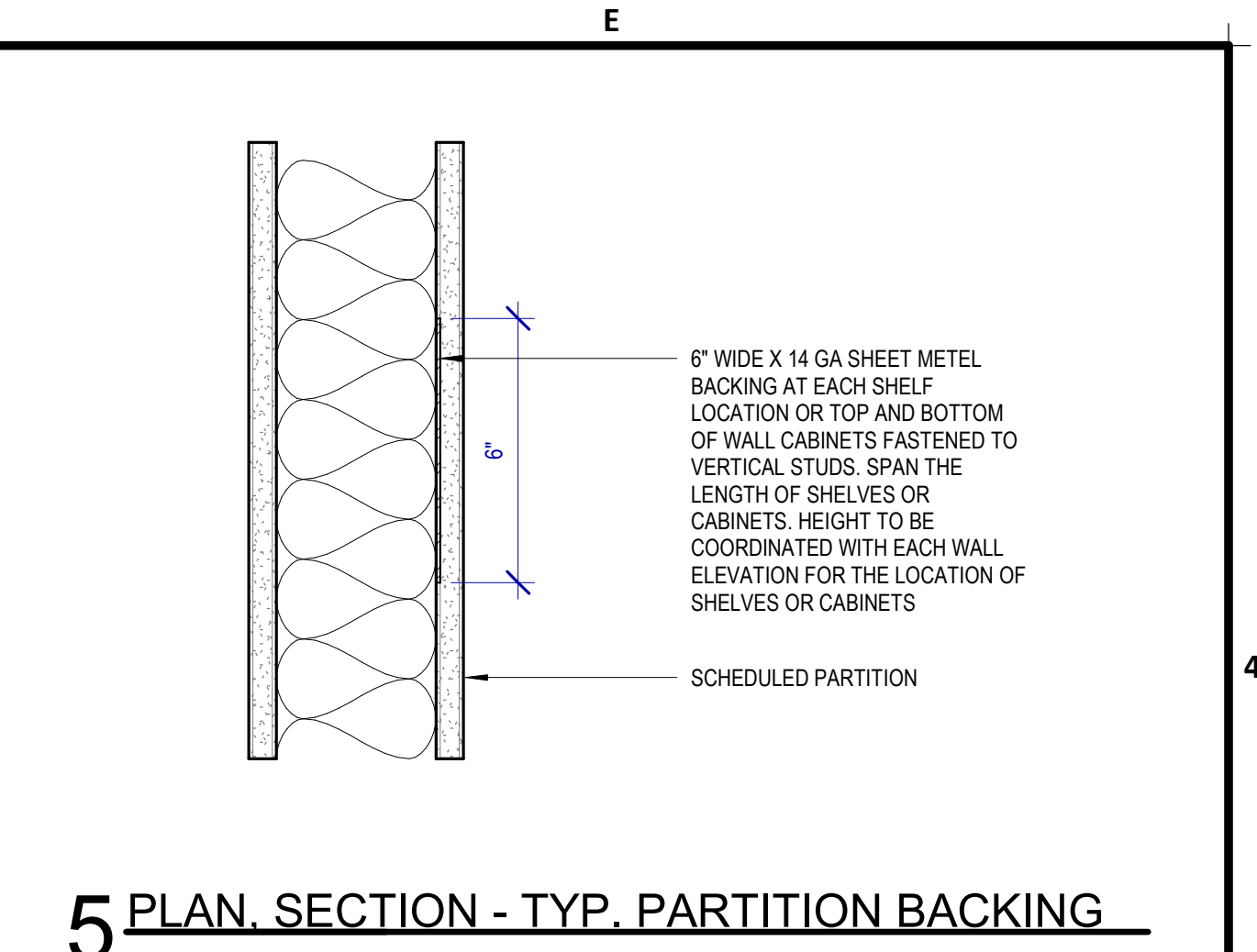
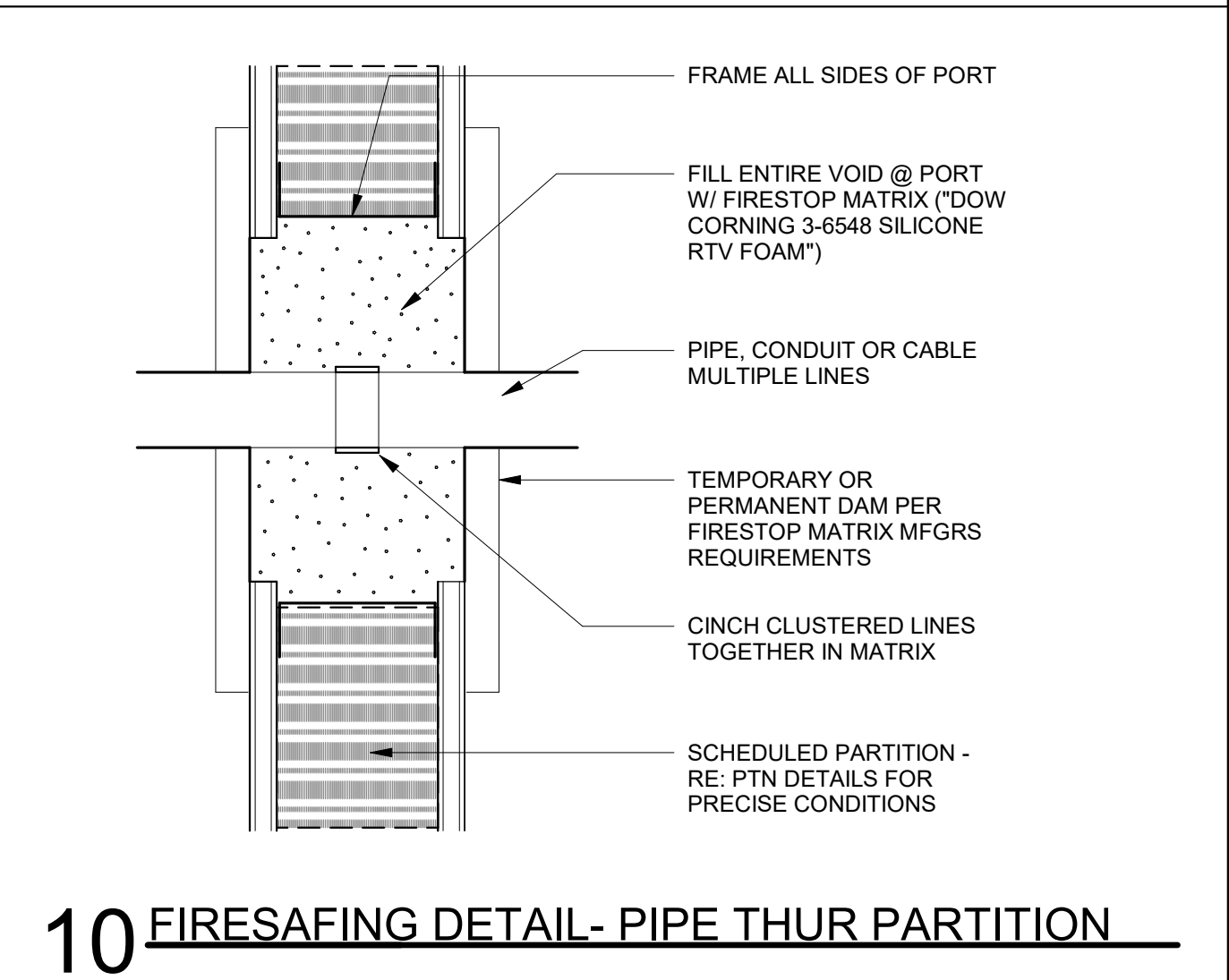
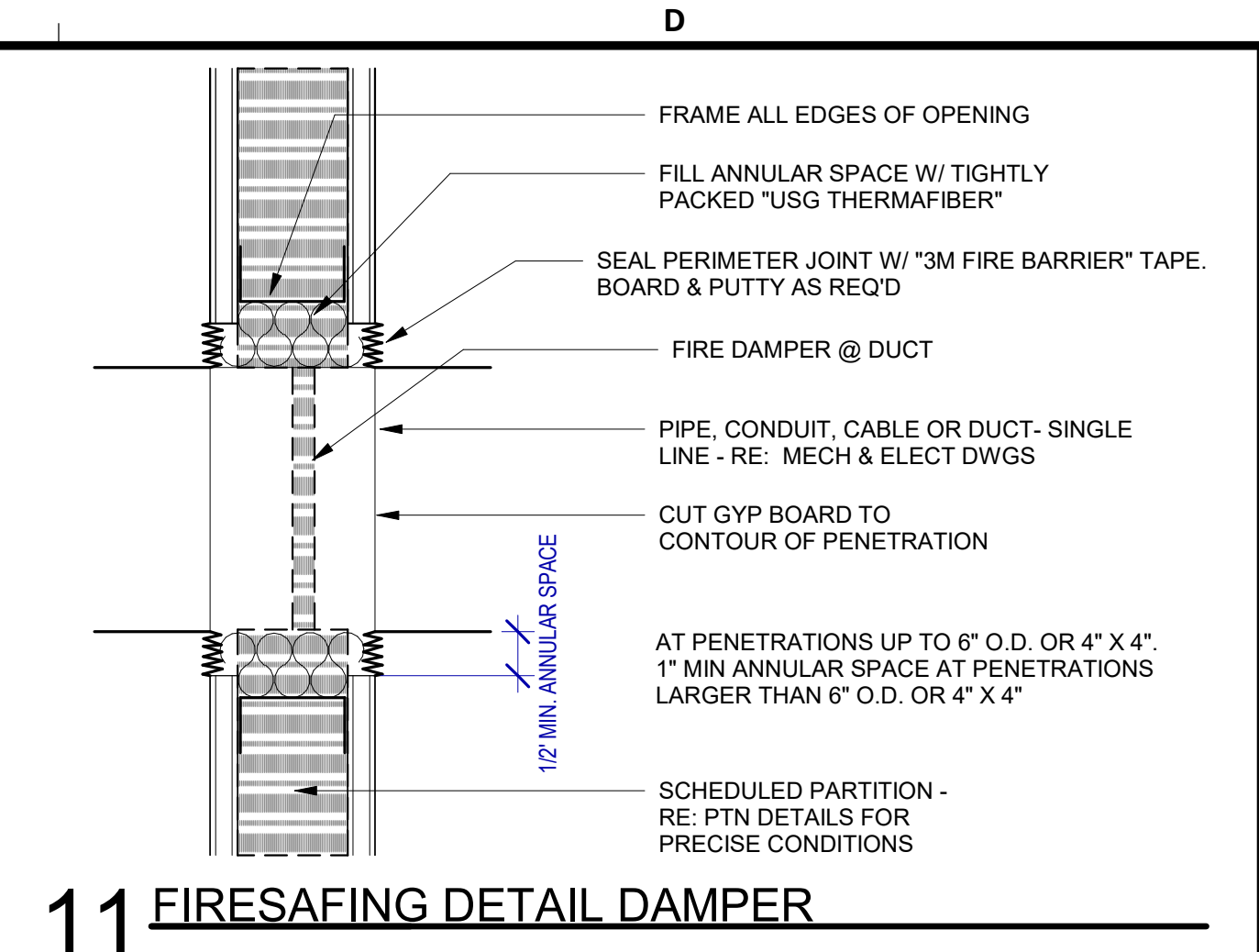
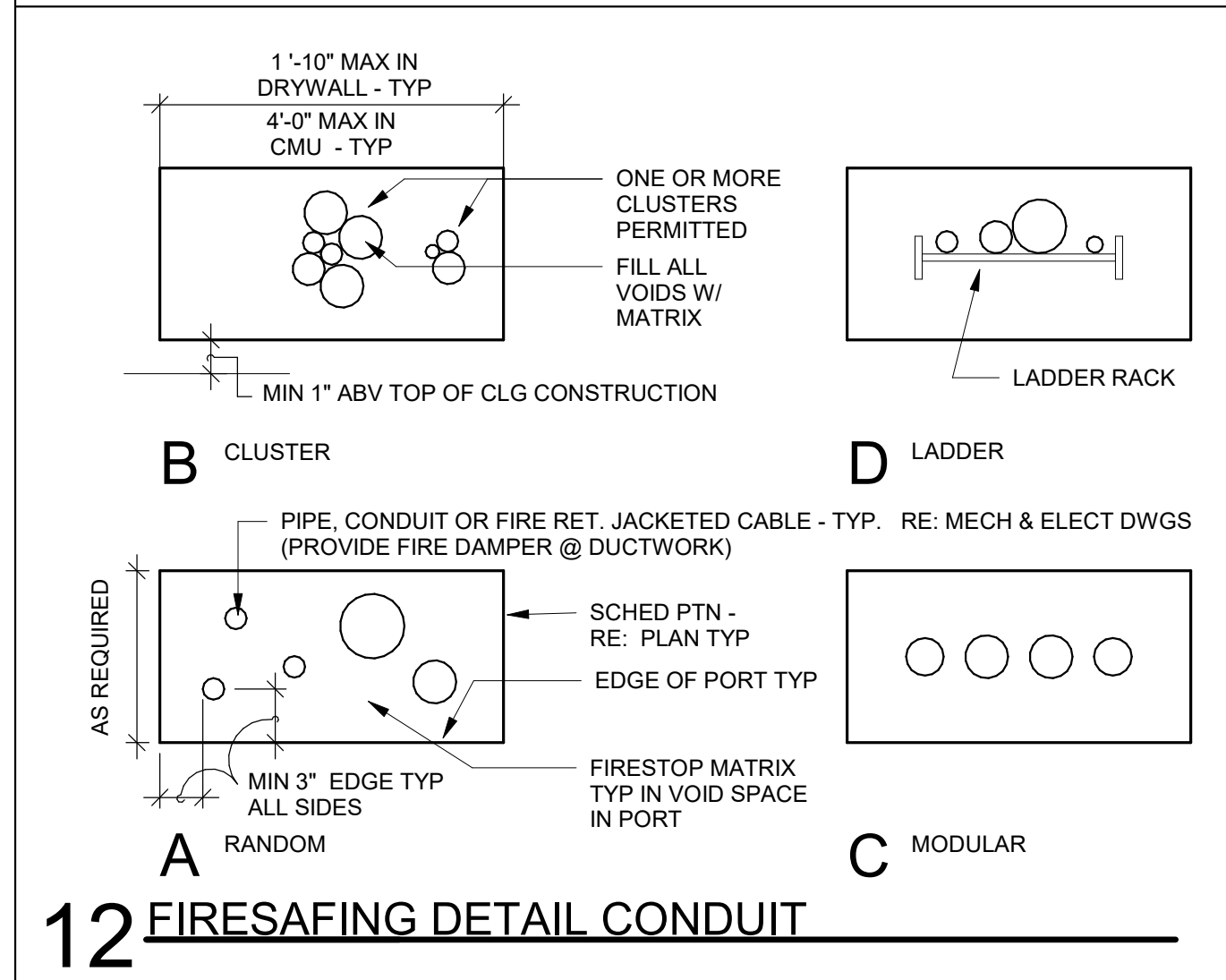
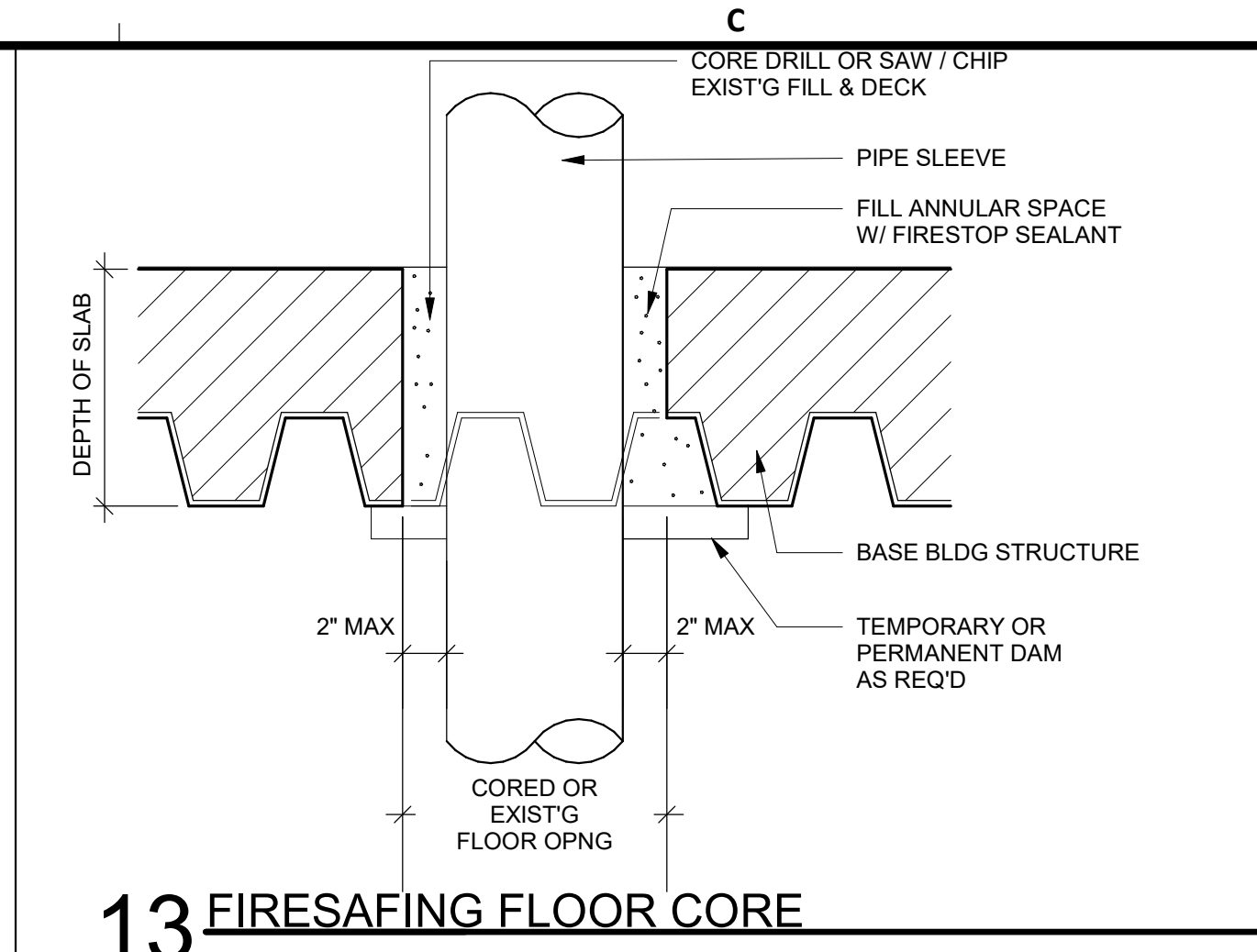
SHEET SIZE: 30"x42" ARCH E1

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

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

HAS FILE:

PLOT DATE:



HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS
C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003 713.868.3121 www.rdlr.com
JONES ENGINEERS, L.P.
HENDERSON ROGERS
structural engineers
5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com
PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

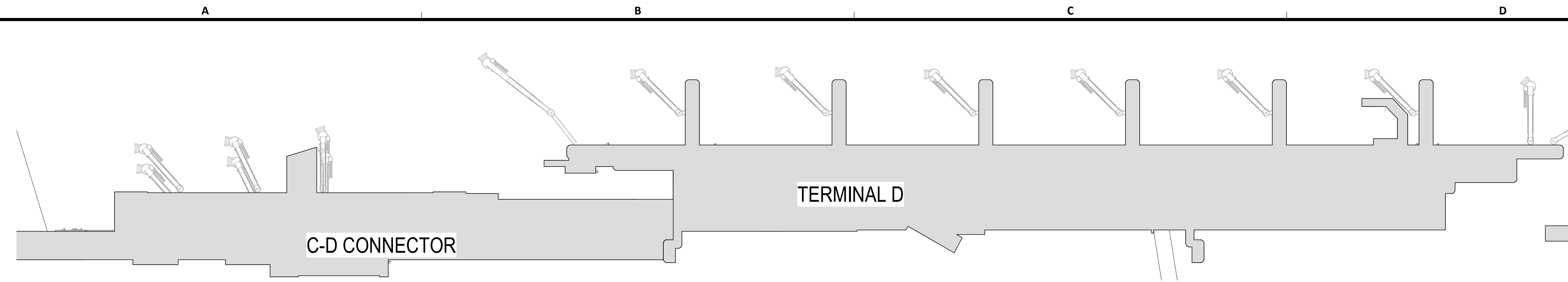
REVISIONS			
No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Noted/ Approval Category
IFB
ISSUED FOR BIDDING
DANIEL ORTIZ
REGISTERED ARCHITECT
STATE OF TEXAS
03.15.24

SHEET NAME:
INTERIOR PARTITION DETAILS - TYPICAL
SHEET No.: G-011 **SCALE:** As indicated
SHEET SIZE: 30"x42" ARCH E1



A3 CODE OVERALL SITE PLAN - C-D CONNECTOR AND TERMINAL D
SCALE: 1" = 80'-0"

RESTROOM		USE GROUP	WATER CLOSETS MEN	WATER CLOSETS WOMEN	URINAL MEN	LAVS MEN	LAVS WOMEN	SINGLE OCCUPANT RESTROOM	SERVICE SINK
GATES D7-D8	EXISTING	B	5	8	5	4	4	NA	
	PROPOSED	B	5	8	5	4	4	NA	
GATE D9	EXISTING	B	NA	7	NA	NA	4	NA	
	PROPOSED	NA	NA	7	NA	NA	4	NA	
GATE D16	EXISTING	NA	NA	NA	NA	NA	NA	1	
	PROPOSED	NA	NA	NA	NA	NA	NA	1	
GATES D16-D17	EXISTING	B	7	11	8	8	8	1	
	PROPOSED	B	7	11	8	8	8	1	

APPLICABLE BUILDING CODES

2021 INTERNATIONAL BUILDING CODE
 2021 INTERNATIONAL FIRE CODE
 2021 UNIFORM MECHANICAL CODE
 2021 UNIFORM PLUMBING CODE
 2023 NATIONAL ELECTRICAL CODE
 2021 HOUSTON COMMERCIAL ENERGY CONSERVATION CODE
 CITY OF HOUSTON SIGN CODE
 CITY OF HOUSTON CODE AMENDMENTS
 HAS STANDARDS
 STATE OF TEXAS ACCESSIBILITY STANDARDS

SCOPE OF WORK

- THE WORK SHALL BE DONE IN COMPLIANCE OF THESE DRAWINGS AND SPECIFICATIONS, AND FACILITIES CRITERIA DOCUMENT OF THE HOUSTON AIRPORT AUTHORITY.
- THE WORK INCLUDES MINOR DEMOLITION: SAW CUTTING AND REMOVING PORTIONS OF BUILDING WALLS, CEILINGS, WALL AND FLOOR FINISHES AND ASSOCIATED MECHANICAL, PLUMBING AND ELECTRICAL DEMOLITION.
- THE WORK INCLUDES RESTROOMS RENOVATIONS AT CD CONNECTOR AND TERMINAL D. CONSTRUCTION INCLUDES INTERIOR BUILDING IMPROVEMENTS INCLUDING WALLS, CEILINGS, ACCESSORIES, FINISHES AND LIGHTING, TECHNOLOGY, MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS WORK AS PER TECHNOLOGY AND MEP DRAWINGS AND SPECIFICATIONS.
- THE WORK REQUIRES CAREFUL AND THROUGH COORDINATION WITH OWNER FURNISHED ITEMS AND SYSTEMS.

BUILDING CODE SUMMARY

OCCUPANCY CLASSIFICATION

EXISTING AIRPORT

OCCUPANCY TYPE: A3, RESTROOMS IN TRANSPORTATION TERMINALS, ACCESSORY OCCUPANCY

CONSTRUCTION TYPE: I-A

SPRINKLER: YES

BUILDING/PROJECT ADDRESS: GEORGE BUSH INTERNATIONAL AIRPORT
 3701 NORTH TERMINAL D ROAD
 (TERMINAL D)
 HOUSTON, TX 77032

EXISTING TO REMAIN - OCCUPANCY CLASSIFICATION/OCCUPANCY LOAD NOT AFFECTED BY WORK

ACCESSORY OCCUPANCIES

508.2.3 AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10 PERCENT OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED THE TABULAR VALUES FOR NONSPRINKLERED BUILDINGS IN TABLE 506.2 FOR EACH SUCH ACCESSORY OCCUPANCY

508.3.1 NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 902.1. CODE REQUIREMENTS SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NONSEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NONSEPARATED OCCUPANCY AREA WHERE NONSEPARATED OCCUPANCIES OCCUR IN HIGH-RISE BUILDING. THE MOST RESTRICTIVE OF SECTION 403 THAT APPLY TO THE NONSEPARATED OCCUPANCIES SHALL APPLY THROUGHOUT THE HIGH-RISE BUILDING.

CONSTRUCTION REQUIREMENTS

CONSTRUCTION TYPE: TYPE 1A, (FULLY SPRINKLERED)

TABLE 601 FIRE RESISTIVE REQUIREMENTS FOR BUILDING ELEMENTS

STRUCTURAL FRAME	3-HOUR
BEARING WALLS	3-HOUR
NONBEARING WALLS (INTERIOR)	0-HOUR
FLOOR CONSTRUCTION	2-HOUR
ROOF CONSTRUCTION	1.5-HOUR

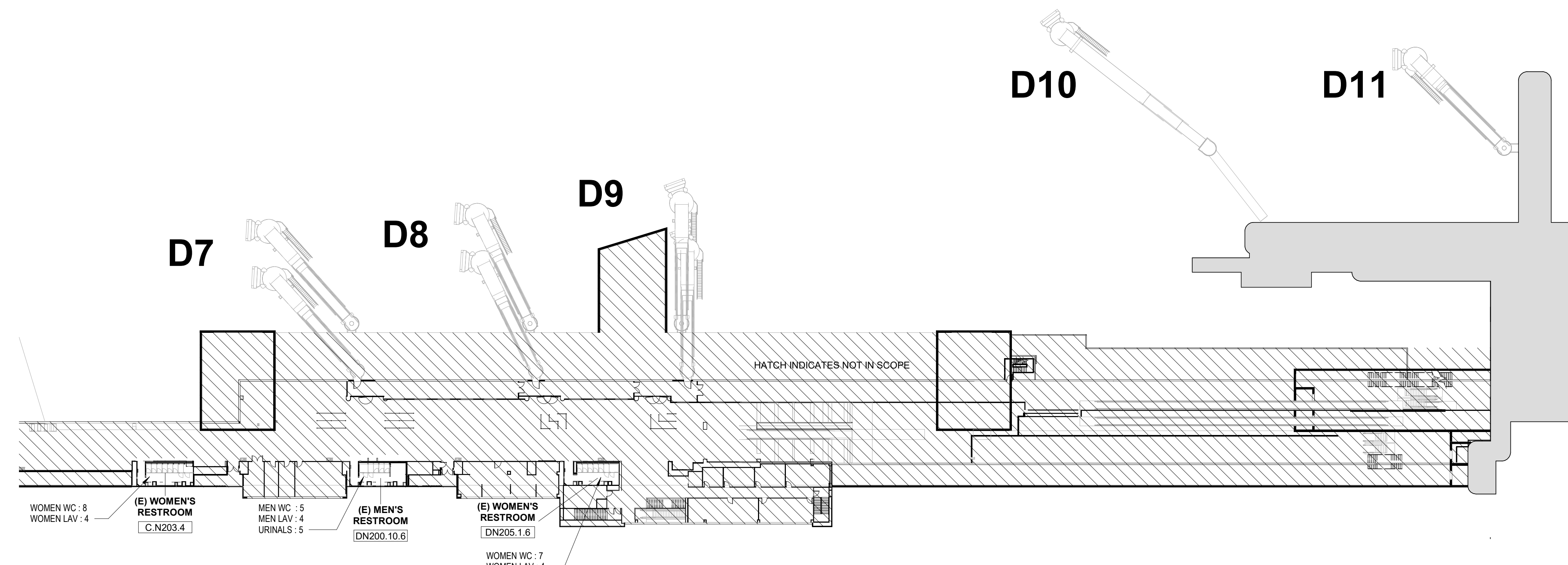
INTERIOR FINISHES

803.1.1 INTERIOR WALL AND FINISH MATERIALS

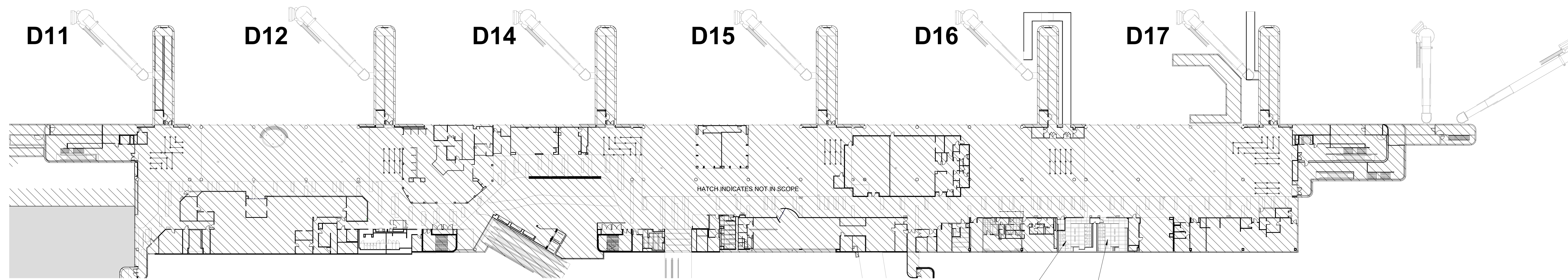
INTERIOR WALL AND FINISH CEILING MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723

CLASS	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX
CLASS A	0-25	0-450
CLASS B	26-75	0-450
CLASS C	76-200	0-450

GROUP A-3 (SPRINKLERED) CORRIDORS CLASS B
 ROOMS & ENCLOSED SPACES CLASS C



A2 CODE CD CONNECTOR DEPARTURES LEVEL 2
SCALE: 1" = 40'-0"



A1 CODE TERMINAL D DEPARTURES LEVEL 2
SCALE: 1" = 40'-0"



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104
Houston, TX 77003

713.868.3121
www.rdlr.com



5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:

PROJECT STATUS:

IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY:

GP

DRAWN BY:

GP

CHECKED BY:

DO

ISSUE DATE:

03/15/2024

APPROVED BY:

DANIEL ORTIZ

APPROVAL DATE:

03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Noted/ Approval Category

IFB
ISSUED FOR BIDDING



SHEET NAME: PLUMBING COUNT PLAN AND CODE SUMMARY

SHEET No. G-021 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Noted/ Approval Category

IFB
ISSUED FOR BIDDING

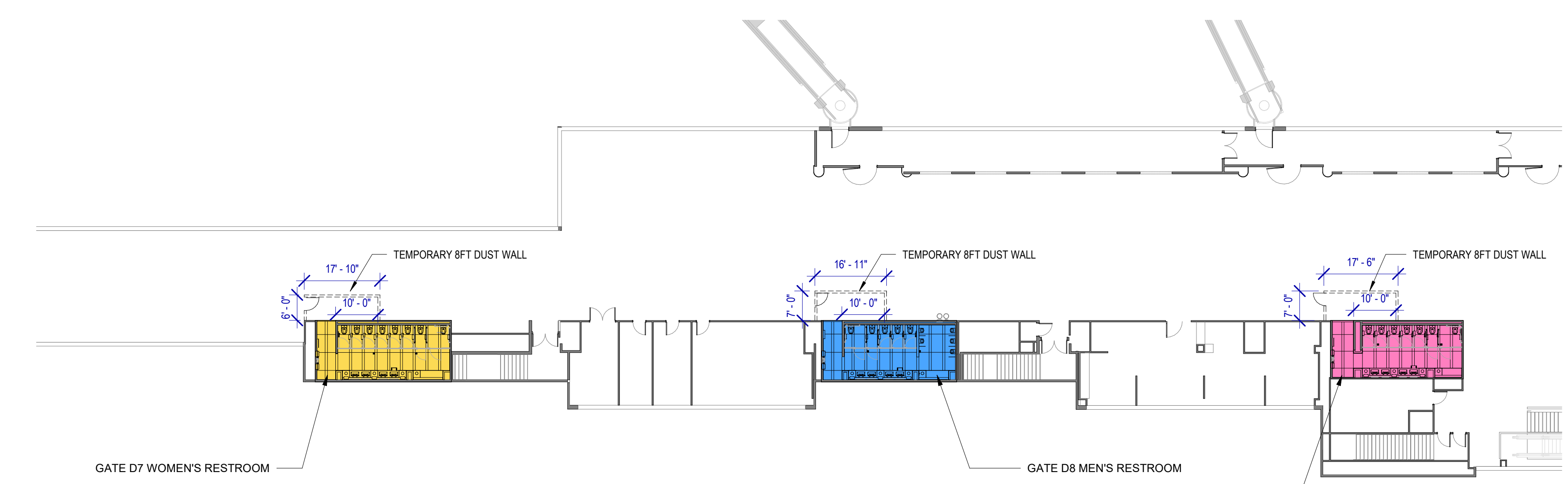
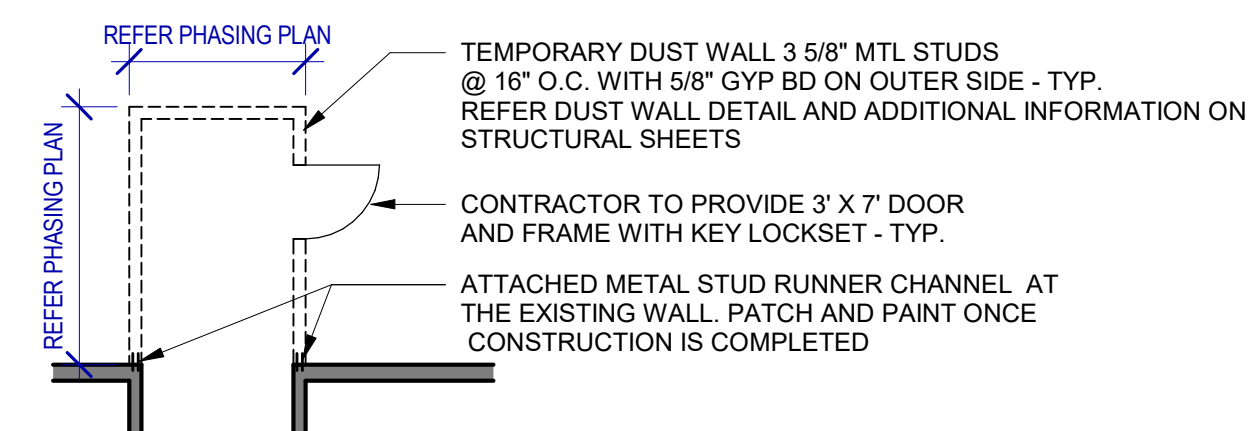
SHEET NAME: CONSTRUCTION PHASING PLAN
SHEET No. G-022 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

CONSTRUCTION PHASING NOTES

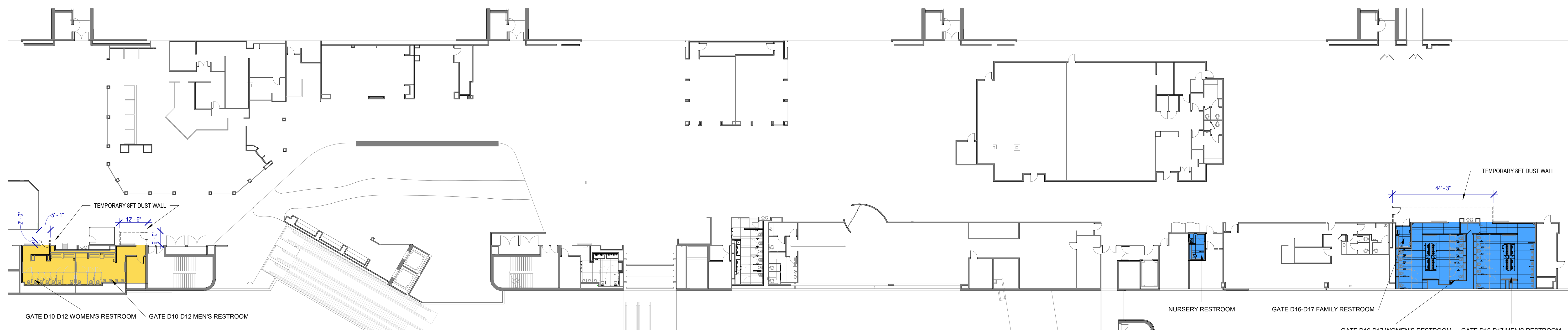
- PHASE TWO CONSTRUCTION SHALL BEGIN WHEN ALL OF PHASE 1 CONSTRUCTION HAS BEEN COMPLETED AND IS OPENED FOR CUSTOMER USE.
- PHASE THREE CONSTRUCTION SHALL BEGIN WHEN ALL OF PHASE 2 CONSTRUCTION HAS BEEN COMPLETED AND IS OPENED FOR CUSTOMER USE.
- COORDINATE CONSTRUCTION SCHEDULE WITH HOUSTON AIRPORT SYSTEMS.
- TEMPORARY PARTITIONS SHALL BE INSTALLED PRIOR TO EACH PHASE OF CONSTRUCTION. RE: PLAN FOR LOCATIONS, PARTITION TO BE MIN. 8' AFF. TYP.
- DUST FENCE DETAILS REFER STRUCTURAL SHEETS.

LEGEND

- PHASE 1
- PHASE 2
- PHASE 3



1 CONSTRUCTION PHASING PLAN - CD CONNECTOR DEPARTURES LEVEL
SCALE: 1" = 20'-0"



2 CONSTRUCTION PHASING PLAN - TERMINAL D DEPARTURES LEVEL
SCALE: 1" = 20'-0"



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS

structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

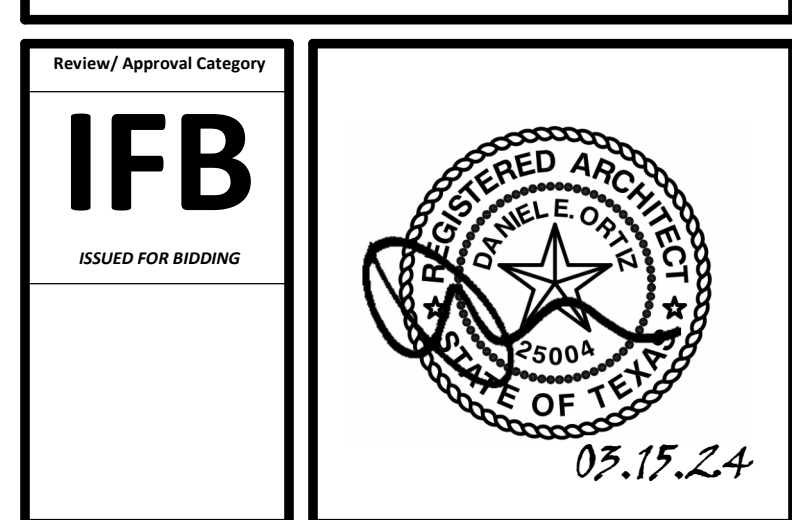


DESIGNER PROJECT No.:
PROJECT STATUS: IFB

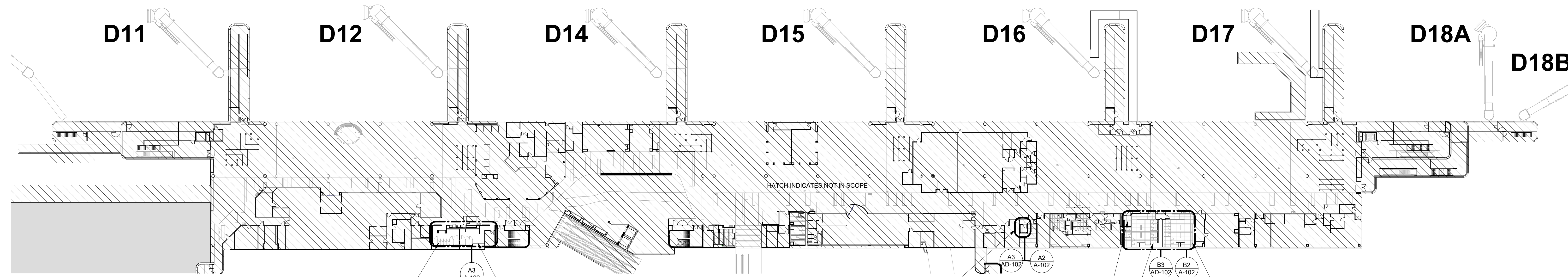
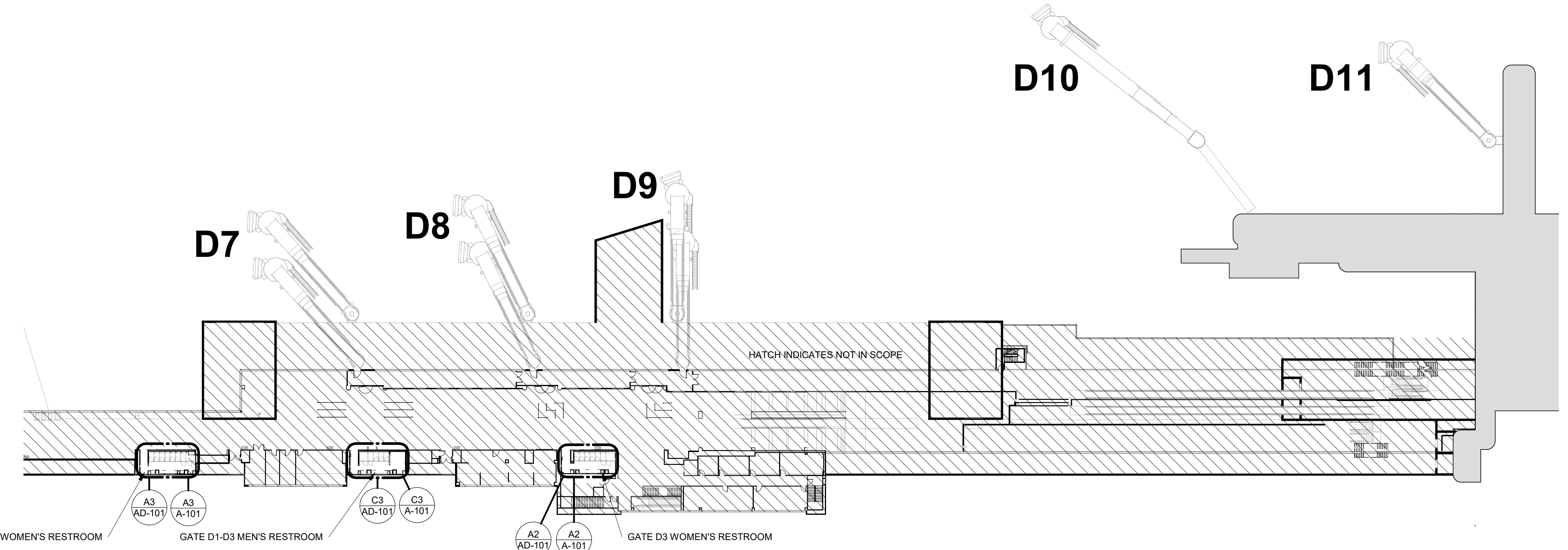
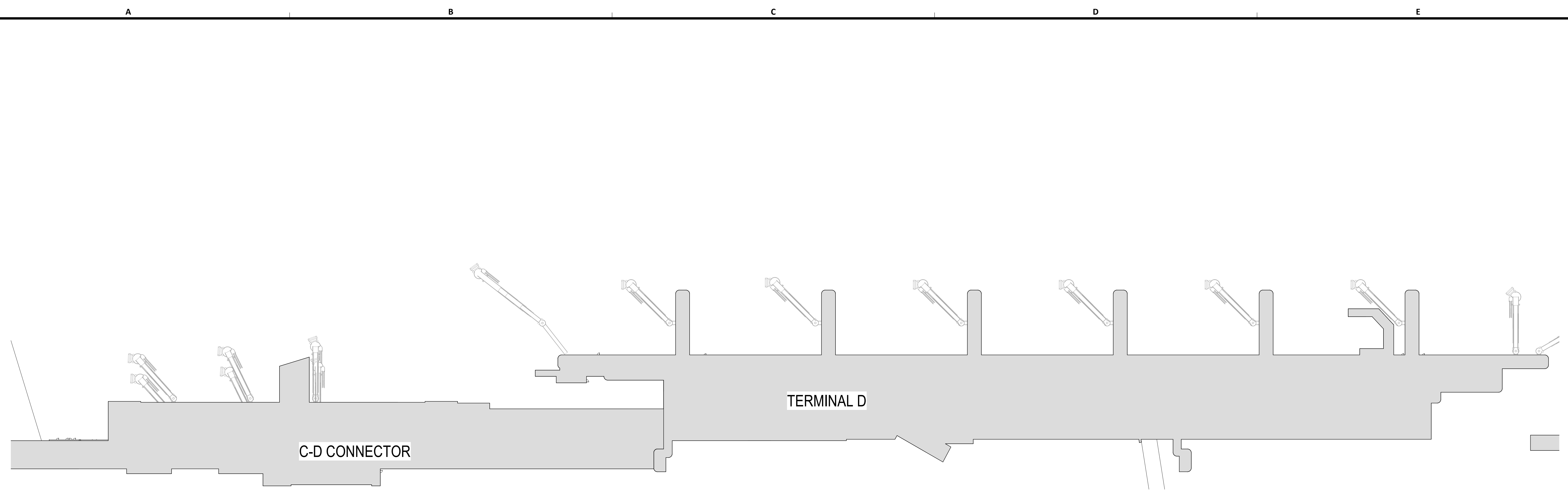
REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
 DRAWN BY: GP
 CHECKED BY: DO
 ISSUE DATE: 03/15/2024
 APPROVED BY: DANIEL ORTIZ
 APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME: OVERALL PLAN & TERMINAL LEVELS
 SHEET No. AD-100 SCALE: As indicated
 SHEET SIZE: 30"x42" ARCH E1



FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:
 PLOT DATE:
 DOA DWG FILE:
 OLD DOA No.:
 PLOT DATE:

DEMOLITION GENERAL NOTES

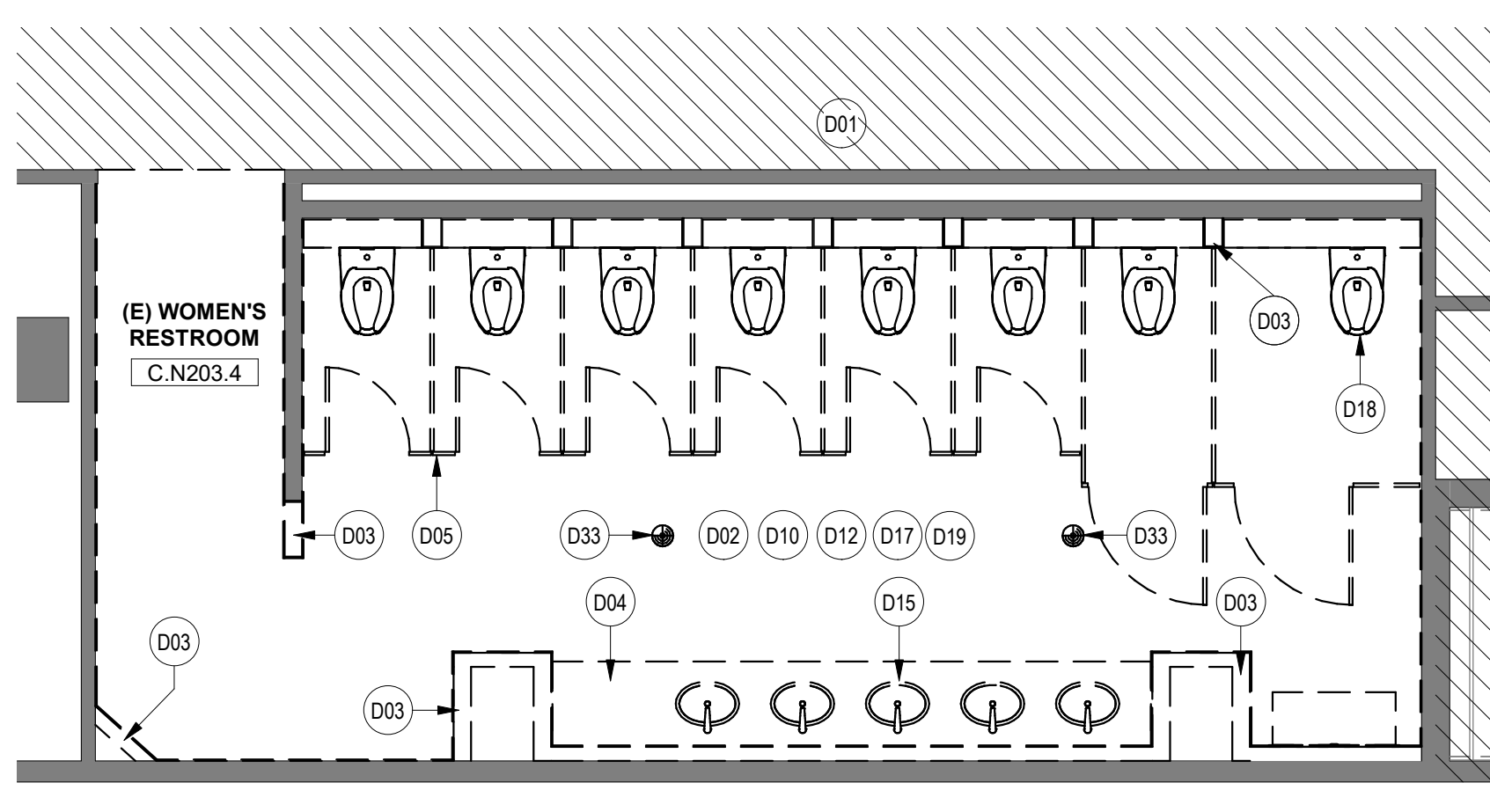
- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE REPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, SHALL BE CONCEALED BEHIND NEW SCHEDULED PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA AND THERMOSTATS, NOTED FOR REINSTALLATION, SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW FACE PLATE.
- ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPARED FOR NEW FINISHES.
- ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION, U.N.O
- ALL CEILING MOUNTED FIRE ALARM HORN & STROBE TO BE PROTECTED DURING CONSTRUCTION.
- ALL IT EQUIPMENT, SMART RESTROOM TECHNOLOGY SHALL BE REMOVED, AND TURNED OVER TO HAS IT BY THE CONTRACTOR.
- CONTRACTOR TO SUBMIT TEMPORARY PROTECTION LAYOUT FOR APPROVAL AND BEFORE STARTING INSTALLING WORK.
- CONTRACTOR SHALL REVIEW AND COORDINATE MEP DEMO AND NEW WORK DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.
- ALL KEY NOTES INSIDE A ROOM WITHOUT LEADERS POINTING SPECIFIC ITEMS ARE TO BE CONSIDERED GENERAL NOTES FOR WORK TO BE REQUIRED IN EACH SPECIFIC ROOM WHERE THESE KEY NOTES ARE SHOWN.
- IN C-D CONNECTOR ALL EQUIPMENT CABINETS TO REMAIN. THE PASSENGER SENSOR COMPONENTS INSIDE THEM NEED TO BE REPLACED AS PER IT DRAWINGS.
- IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9. THE CONTRACTOR SHALL INCLUDE:
- 80 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7, THE CONTRACTOR SHALL INCLUDE:
- 270 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

KEYNOTE LEGEND

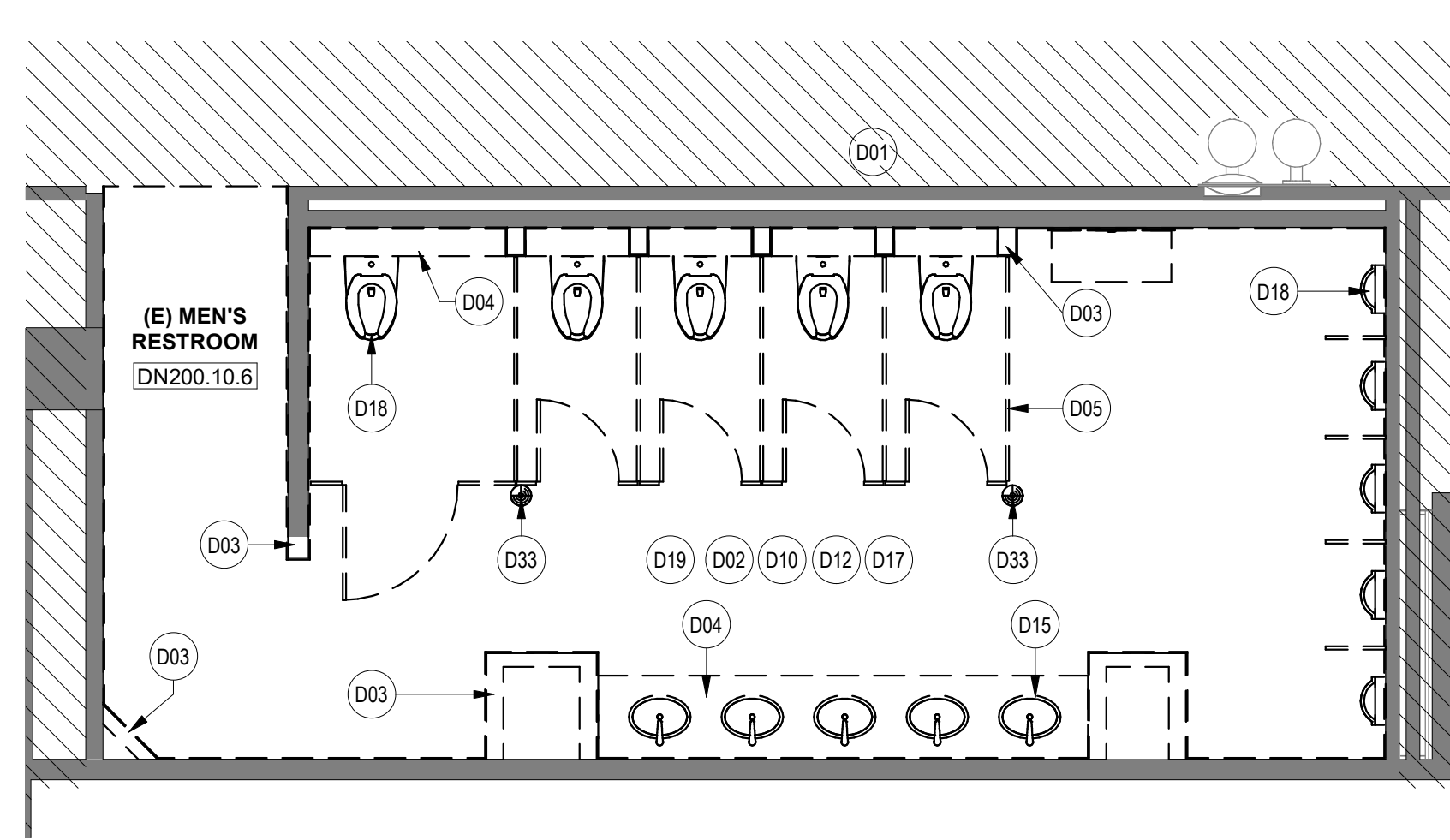
KEY VALUE	KEYNOTE TEXT
D01	NOT IN SCOPE. EXISTING CONSTRUCTION TO REMAIN AND PROTECT DURING CONSTRUCTION.
D02	REMOVE EXISTING CERAMIC WALL TILE AND EXISTING GYP BD. FROM METAL STUDS INSIDE THIS RESTROOM.
D03	REMOVE EXISTING WALLS
D04	REMOVE EXISTING COUNTERTOP/SHELF
D05	REMOVE ALL EXISTING TOILET PARTITIONS
D10	REMOVE EXISTING FLOOR TILE AND PREPARE SLAB FOR INSTALLATION OF NEW PORCELAIN TILE.
D11	EXISTING FLOOR DRAIN CAP COVER TO BE REMOVED. FLOOR DRAIN TO REMAIN IN THE SAME PLACE
D12	EXISTING PLUMBING FIXTURES AND STEEL SUPPORT TO BE REMOVED. PLUMBING LINES TO BE PREPARED/RELOCATED FOR NEW WORK. REFER MEP DRAWINGS.
D15	REMOVE EXISTING LAVATORIES
D17	REMOVE EXISTING ROOM SIGNAGE
D18	REMOVE ALL EXISTING WATER CLOSET/URINALS
D19	REMOVE EXISTING CEILING TILE AND GRID. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.
D33	EXISTING FLOOR DRAIN TO BE RELOCATED.

DEMOLITION LEGEND

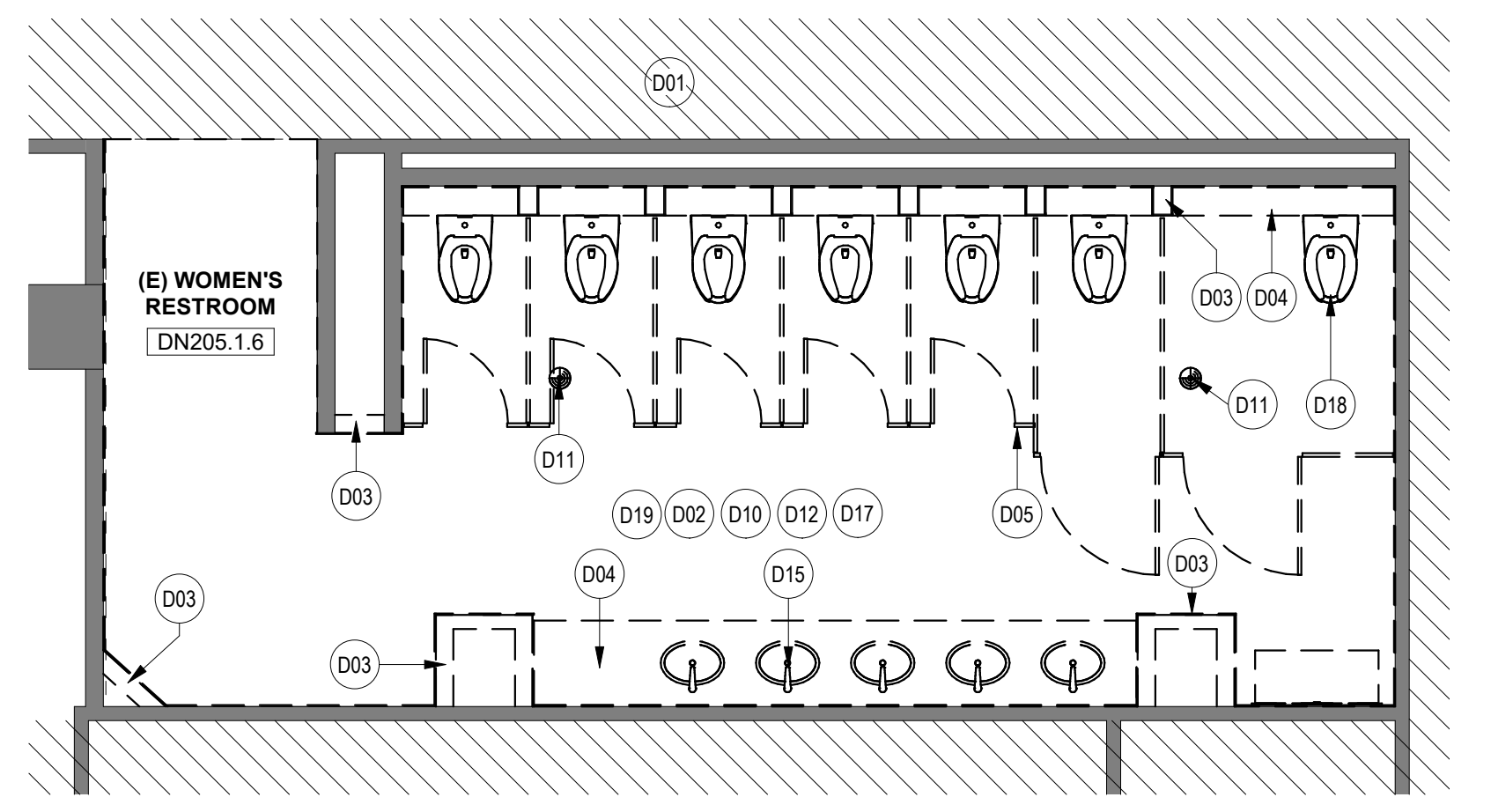
- DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
- REMOVE DOOR AND FRAME
- EXISTING PARTITION TO REMAIN
- NOT IN SCOPE
- RESTROOM IN CD CONNECTOR, FAMILY RR # DN404.9, NURSEY RR # DN404.6.1.1. REMOVE EXISTING WALL FINISH (WALL TILE AND SS PANELS) AND GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- FOR RESTROOMS IN TERMINAL D: REMOVE EXISTING TRESPA WALL PANEL SYSTEM. EXISTING GYP BOARD AND EXISTING METAL STUD WALL TO REMAIN. AT GATE 9 RESTROOMS, WHERE NOTE D02 SHOWN, REMOVE TILE AND BACKING GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- LIGHT FIXTURES TO BE REMOVED. REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



A3 ENLARGED DEMO PLAN - WOMEN'S RESTROOM GATE D07
SCALE: 1/4" = 1'-0"



C3 ENLARGED DEMO PLAN - MEN'S RESTROOM GATE D08
SCALE: 1/4" = 1'-0"



A2 ENLARGED DEMO PLAN - WOMEN'S RESTROOM GATE D09
SCALE: 1/4" = 1'-0"

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003 713.868.3121
www.rdlr.com

JONES ENGINEERS, L.P.
HENDERSON ROGERS
structural engineers
5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800
www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

ISSUED FOR BIDDING

IFB

REGISTERED ARCHITECT
DANIEL ORTIZ
STATE OF TEXAS
03.15.24

SHEET NAME:
ENLARGED DEMO PLANS - CD CONNECTOR

SHEET No. **AD-101** SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
HAS FILE:



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



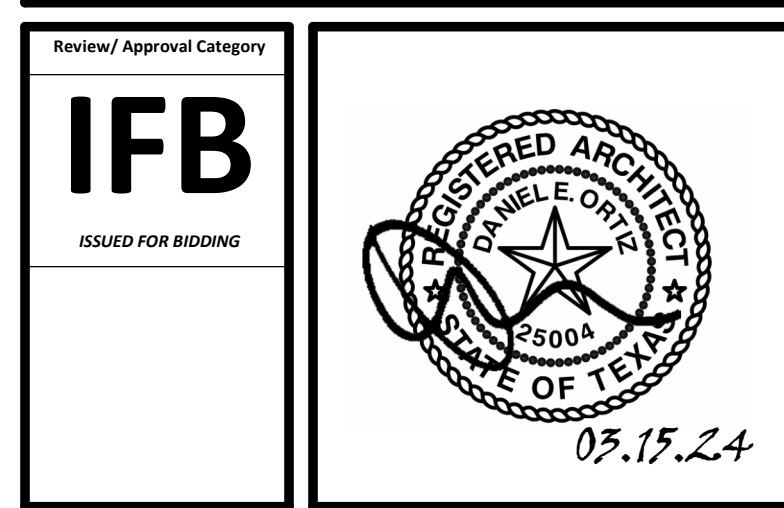
DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

NO.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME:
ENLARGED DEMO PLANS - TERMINAL D

SHEET No. **AD-102** SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

DEMOLITION GENERAL NOTES

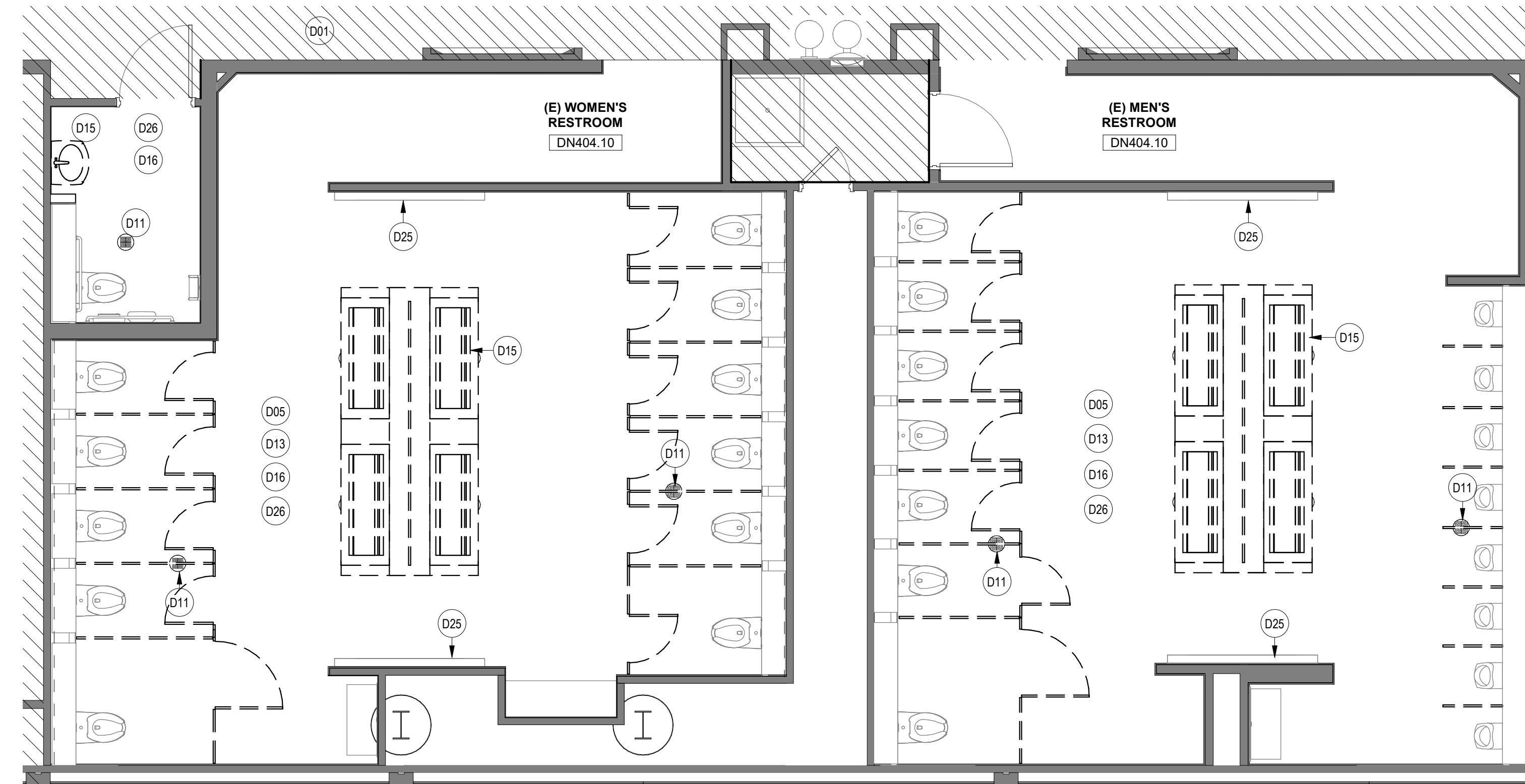
- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE REPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, SHALL BE CONCEALED BEHIND NEW SCHEDULES PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA, AND THERMOSTATS, NOTED FOR REINSTALLATION, SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW FACE PLATE.
- ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER/HAS HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES.
- ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION. U/A O
- ALL CEILING MOUNTED FIRE ALARM HORN & STROBE TO BE PROTECTED DURING CONSTRUCTION.
- ALL IT EQUIPMENT, SMART RESTROOM TECHNOLOGY SHALL BE REMOVED, AND TURNED OVER TO HAS IT BY THE CONTRACTOR.
- CONTRACTOR TO SUBMIT TEMPORARY PROTECTION LAYOUT FOR APPROVAL AND BEFORE STARTING INSTALLING WORK.
- CONTRACTOR SHALL REVIEW AND COORDINATE MEP DEMO AND NEW WORK DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.
- ALL KEY NOTES INSIDE A ROOM WITHOUT LEADERS POINTING SPECIFIC ITEMS ARE TO BE CONSIDERED GENERAL NOTES FOR WORK TO BE REQUIRED IN EACH SPECIFIC ROOM WHERE THESE KEY NOTES ARE SHOWN.
- IN C-D CONNECTOR ALL EQUIPMENT CABINETS TO REMAIN. THE PASSENGER SENSOR COMPONENTS INSIDE THEM NEED TO BE REPLACED AS PER IT DRAWINGS.
- IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9, THE CONTRACTOR SHALL INCLUDE:
- 560 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7, THE CONTRACTOR SHALL INCLUDE:
- 270 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

KEYNOTE LEGEND

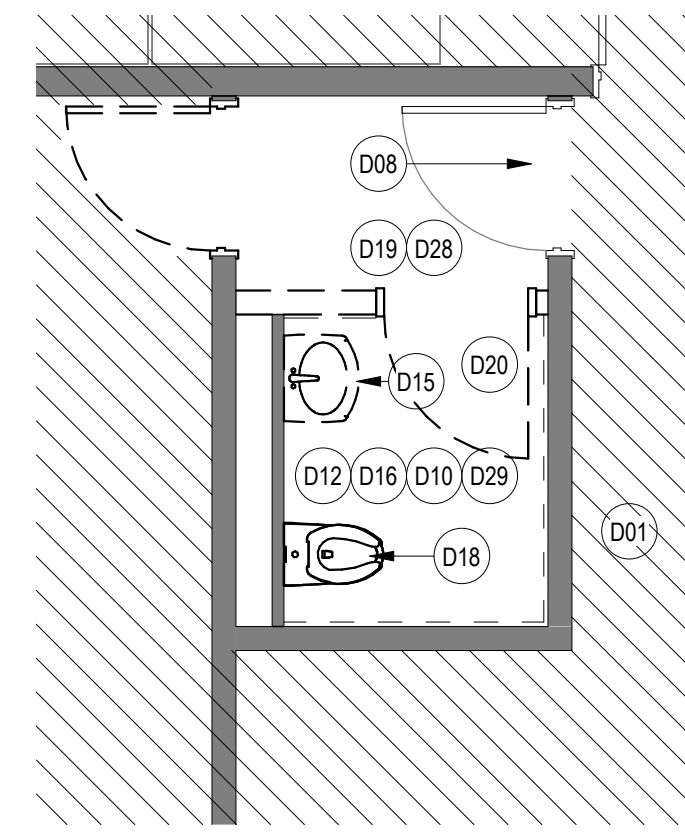
KEY VALUE	KEYNOTE TEXT
D01	NOT IN SCOPE. EXISTING CONSTRUCTION TO REMAIN AND PROTECT DURING CONSTRUCTION.
D05	REMOVE ALL EXISTING TOILET PARTITIONS
D08	EXISTING DOOR TO REMAIN, PROTECT DURING CONSTRUCTION AND RE PAINT
D10	REMOVE EXISTING FLOOR TILE AND PREPARE SLAB FOR INSTALLATION OF NEW PORCELAIN TILE.
D11	EXISTING FLOOR DRAIN CAP COVER TO BE REMOVED. FLOOR DRAIN TO REMAIN IN THE SAME PLACE.
D12	EXISTING PLUMBING FIXTURES AND STEEL SUPPORT TO BE REMOVED. PLUMBING LINES TO BE PREPARED/RELOCATED FOR NEW WORK. REFER MEP DRAWINGS.
D13	EXISTING WATER CLOSET/URINALS AND IN THIS RESTROOM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. STEEL SUPPORT TO REMAIN.
D15	REMOVE EXISTING LAVATORIES
D16	EXISTING TOILET ACCESSORIES TO BE REMOVED AND SALVAGED FOR REINSTALLATION
D18	REMOVE ALL EXISTING WATER CLOSET/URINALS
D19	REMOVE EXISTING CEILING TILE AND GRID. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.
D20	EXISTING GYP. BD. CEILING TO BE REMOVED. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.
D25	REPLACE EXISTING MIRRORS.
D26	REMOVE EXISTING TERRAZZO FLOOR AND TERRAZZO WALL BASE. PREPARE SLAB/WALL FOR INSTALLATION OF NEW PORCELAIN FLOOR TILE AND BASE.
D28	REMOVE EXISTING VCT FLOORING AND BASE. PREPARE SLAB FOR INSTALLATION OF NEW PORCELAIN TILE.
D29	REMOVE WALL BASE.

DEMOLITION LEGEND

- DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
- REMOVE DOOR AND FRAME
- EXISTING PARTITION TO REMAIN
- NOT IN SCOPE
- RESTROOM IN CD CONNECTOR, FAMILY RR # DN404.9, NURSEY RR # DN404.11:
REMOVE EXISTING WALL FINISH (WALL TILE AND SS PANELS) AND GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- FOR RESTROOMS IN TERMINAL D:
REMOVE EXISTING TRESPA WALL PANEL SYSTEM. EXISTING GYP BOARD AND EXISTING METAL STUD WALL TO REMAIN. AT GATE 3 RESTROOMS, WHERE NOTE D02 SHOWN, REMOVE TILE AND BACKING GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS
FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



B3 ENLARGED DEMO PLAN - MEN & WOMEN'S RR GATE D16-D17
SCALE: 1/4" = 1'-0"



A3 ENLARGED DEMO PLAN - NURSERY RR GATE D16 AREA
SCALE: 1/4" = 1'-0"

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

HAS FILE:

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



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS

structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

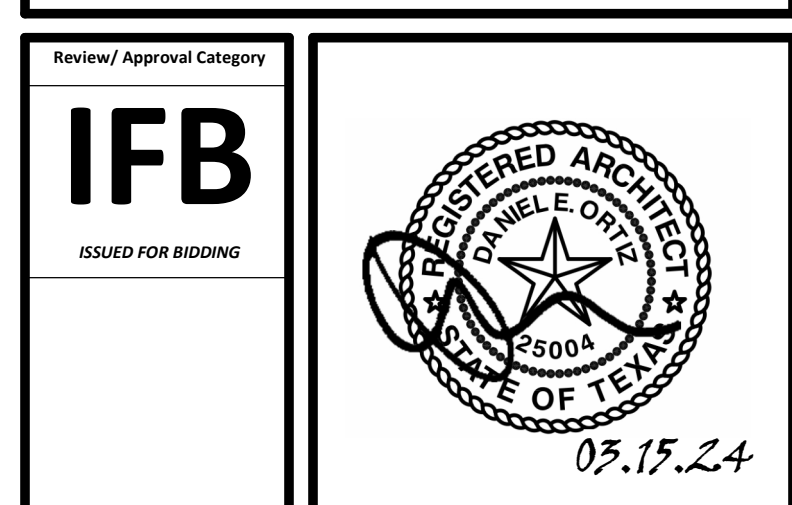


DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
 DRAWN BY: GP
 CHECKED BY: DO
 ISSUE DATE: 03/15/2024
 APPROVED BY: DANIEL ORTIZ
 APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME: ENLARGED DEMO RCP PLANS - CD CONNECTOR
 SHEET No. AD-141 SCALE: As indicated
 SHEET SIZE: 30"x42" ARCH E1

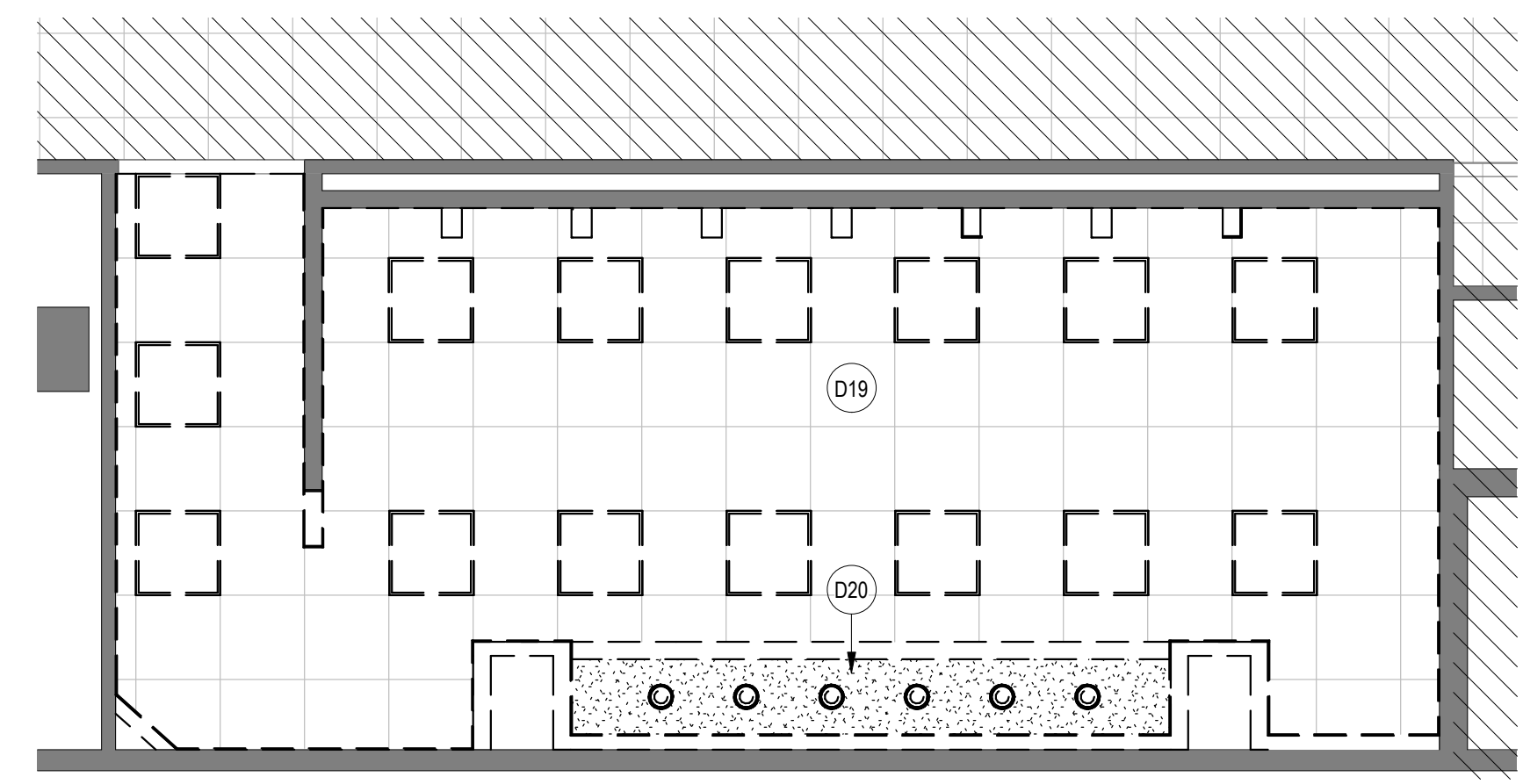
DEMOLITION GENERAL NOTES

- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE REPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN SHALL BE CONCEALED BEHIND NEW SCHEDULES PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA, AND THERMOSTATS, NOTED FOR REINSTALLATION, SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW FACE PLATE.
- ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPARED FOR NEW FINISHES.
- ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION, U.N.O
- ALL CEILING MOUNTED FIRE ALARM HORN & STROBE TO BE PROTECTED DURING CONSTRUCTION.
- ALL IT EQUIPMENT, SMART RESTROOM TECHNOLOGY SHALL BE REMOVED, AND TURNED OVER TO HAS IT BY THE CONTRACTOR.
- CONTRACTOR TO SUBMIT TEMPORARY PROTECTION LAYOUT FOR APPROVAL AND BEFORE STARTING INSTALLING WORK.
- CONTRACTOR SHALL REVIEW AND COORDINATE MEP DEMO AND NEW WORK DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.
- ALL KEY NOTES INSIDE A ROOM WITHOUT LEADERS POINTING SPECIFIC ITEMS ARE TO BE CONSIDERED GENERAL NOTES FOR WORK TO BE REQUIRED IN EACH SPECIFIC ROOM WHERE THESE KEY NOTES ARE SHOWN.
- IN CD CONNECTOR ALL EQUIPMENT CABINETS TO REMAIN. THE PASSENGER SENSOR COMPONENTS INSIDE THEM NEED TO BE REPLACED AS PER IT DRAWINGS.
- IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9. THE CONTRACTOR SHALL INCLUDE:
- 560 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7. THE CONTRACTOR SHALL INCLUDE:
- 270 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

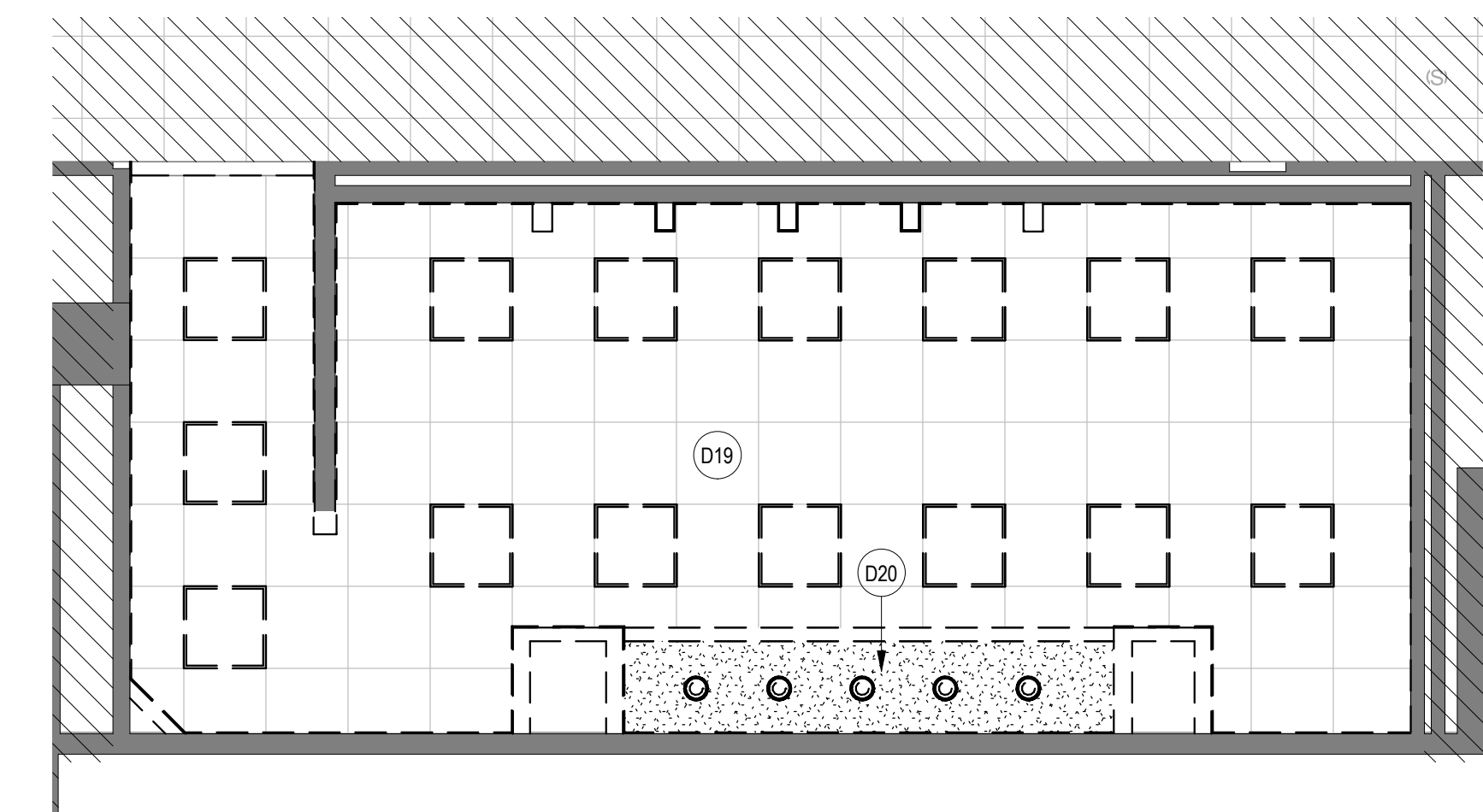
KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
D19	REMOVE EXISTING CEILING TILE AND GRID. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.
D20	EXISTING GYP, BD, CEILING TO BE REMOVED. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.

DEMOLITION LEGEND

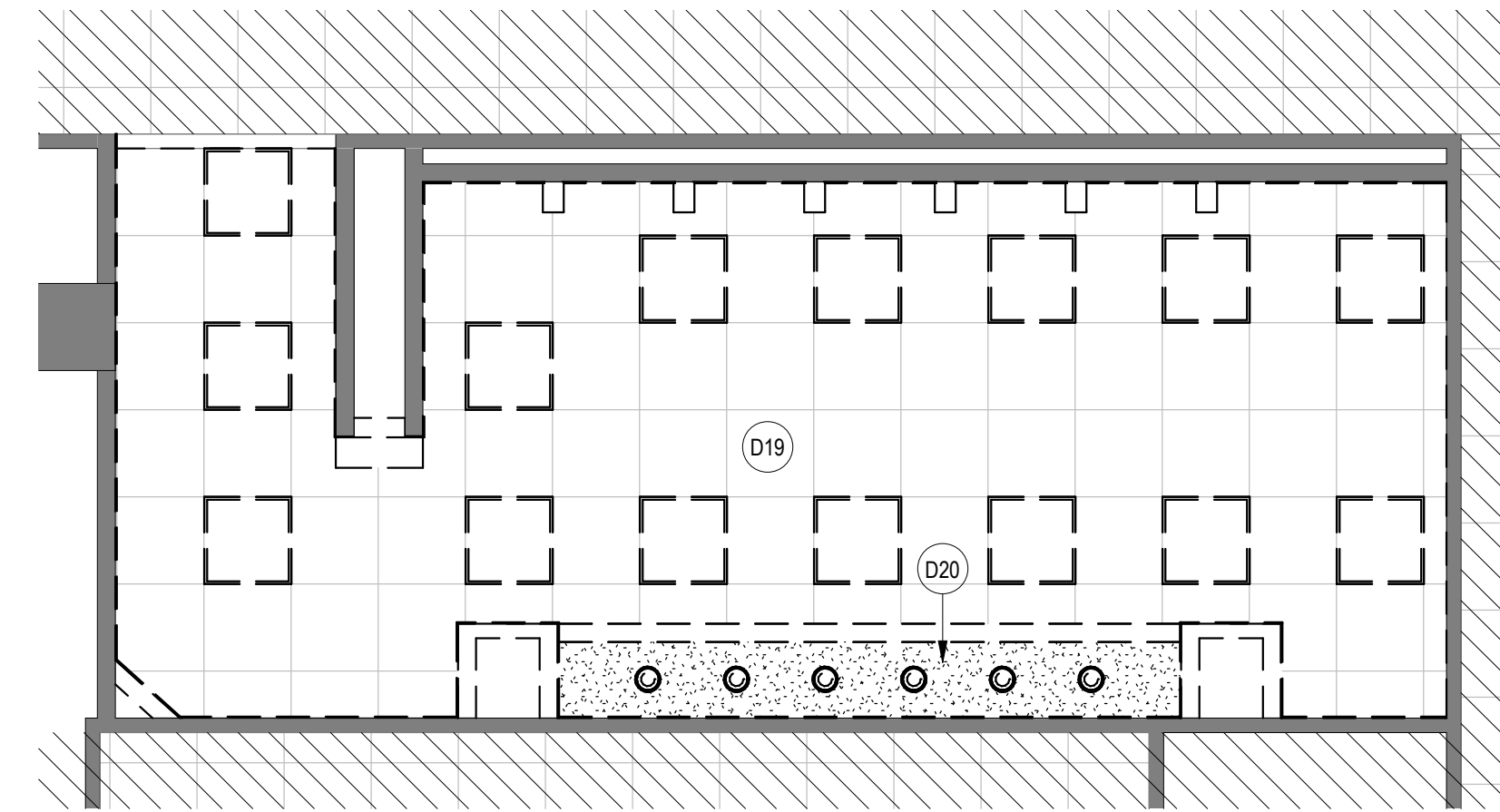
- DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
- REMOVE DOOR AND FRAME
- EXISTING PARTITION TO REMAIN
- NOT IN SCOPE
- RESTROOM IN CD CONNECTOR, FAMILY RR # DN404.9, NURSEY RR # DN404.6.1.1:
REMOVE EXISTING WALL FINISH (WALL TILE AND SS PANELS) AND GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- FOR RESTROOMS IN TERMINAL D:
REMOVE EXISTING TRESPA WALL PANEL SYSTEM. EXISTING GYP BOARD AND EXISTING METAL STUD WALL TO REMAIN. AT GATE 9 RESTROOMS, WHERE NOTE D02 SHOWN, REMOVE TILE AND BACKING GYP BOARD. EXISTING METAL STUD WALL TO REMAIN.
- LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



A3 DEMO RCP - WOMEN'S RR GATE D07
SCALE: 1/4" = 1'-0"

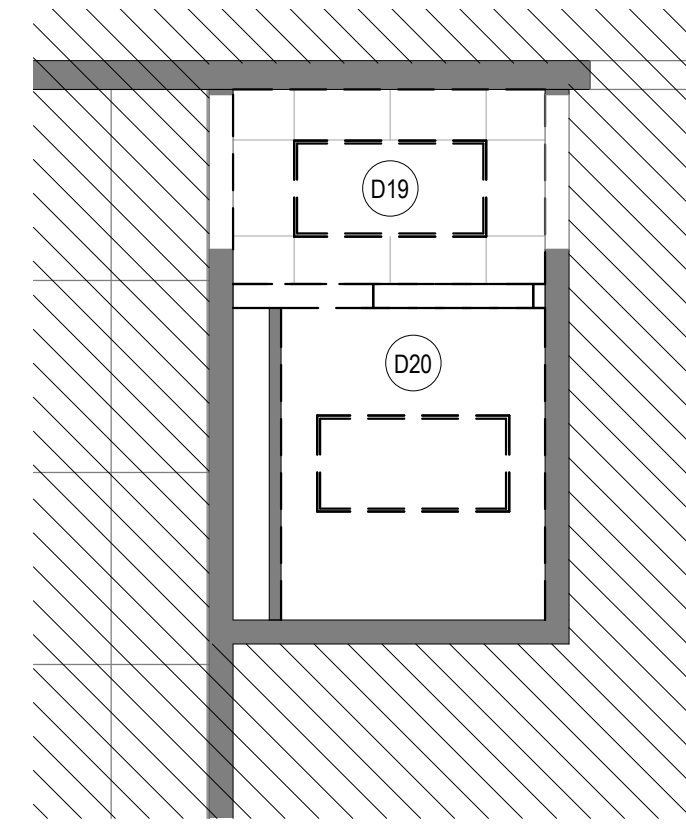


C3 DEMO RCP - MENS RR GATE D08
SCALE: 1/4" = 1'-0"



A2 DEMO RCP - WOMEN'S RR GATE D09
SCALE: 1/4" = 1'-0"

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:



A4 DEMO RCP - NURSERY RR GATE D16 AREA
SCALE: 1/4" = 1'-0"

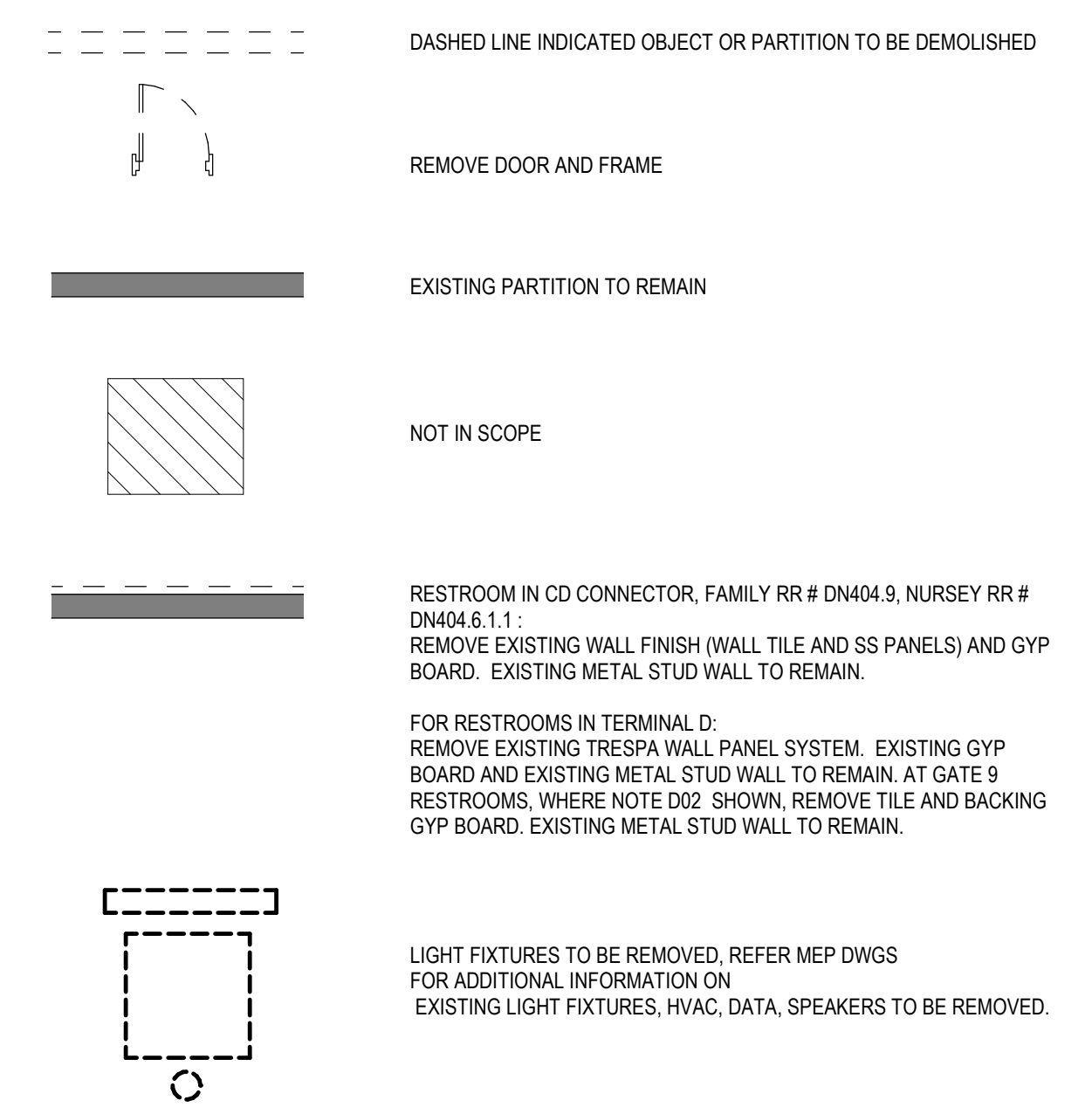
DEMOLITION GENERAL NOTES

- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE REPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, SHALL BE CONCEALED BEHIND NEW SCHEDULES PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA, AND THERMOSTATS, NOTED FOR REINSTALLATION, SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW FACE PLATE.
- ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMES & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND TREPPEED FOR NEW FINISHES.
- ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION, UNLESS NOTED OTHERWISE.
- ALL CEILING MOUNTED FIRE ALARM HORN & STROBE TO BE PROTECTED DURING CONSTRUCTION.
- ALL IT EQUIPMENT, SMART RESTROOM TECHNOLOGY SHALL BE REMOVED, AND TURNED OVER TO HAS IT BY THE CONTRACTOR.
- CONTRACTOR TO SUBMIT TEMPORARY PROTECTION LAYOUT FOR APPROVAL AND BEFORE STARTING INSTALLING WORK.
- CONTRACTOR SHALL REVIEW AND COORDINATE MEP DEMO AND NEW WORK DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.
- ALL KEY NOTES INSIDE A ROOM WITHOUT LEADERS POINTING SPECIFIC ITEMS ARE TO BE CONSIDERED GENERAL NOTES FOR WORK TO BE REQUIRED IN EACH SPECIFIC ROOM WHERE THESE KEY NOTES ARE SHOWN.
- IN C-D CONNECTOR ALL EQUIPMENT CABINETS TO REMAIN. THE PASSENGER SENSOR COMPONENTS INSIDE THEM NEED TO BE REPLACED AS PER IT DRAWINGS.
- IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9, THE CONTRACTOR SHALL INCLUDE:
- 560 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7, THE CONTRACTOR SHALL INCLUDE:
- 270 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
D19	REMOVE EXISTING CEILING TILE AND GRID. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.
D20	EXISTING GYP. ED. CEILING TO BE REMOVED. REMOVE ALL DEVICES IN CEILING. REFER MEP DWGS.

DEMOLITION LEGEND



HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

REGISTERED ARCHITECT
DANIEL E. ORTIZ
STATE OF TEXAS
03.15.24

SHEET NAME:
ENLARGED DEMO RCP PLANS - TERMINAL D

SHEET No. AD-142 SCALE: As indicated

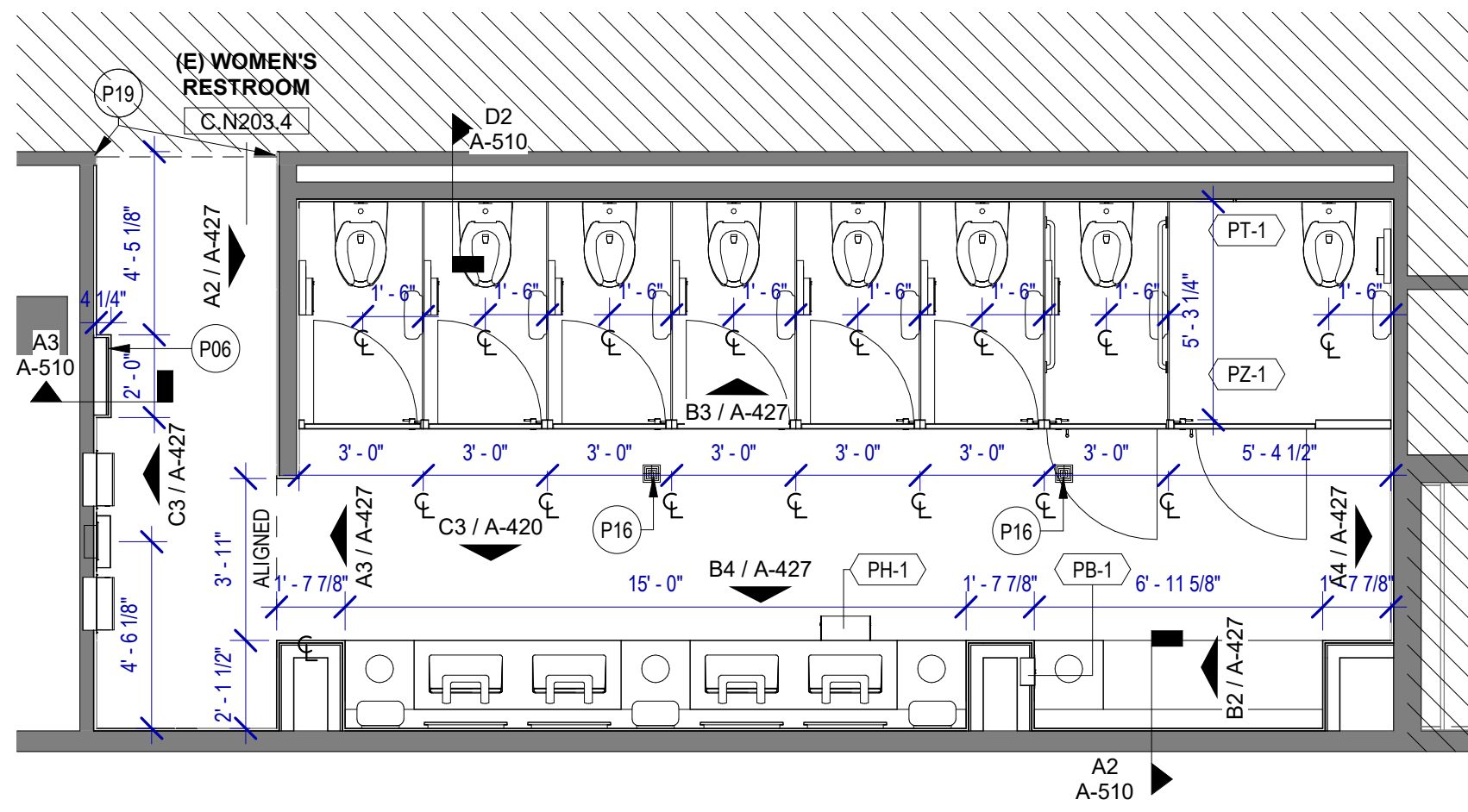
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:

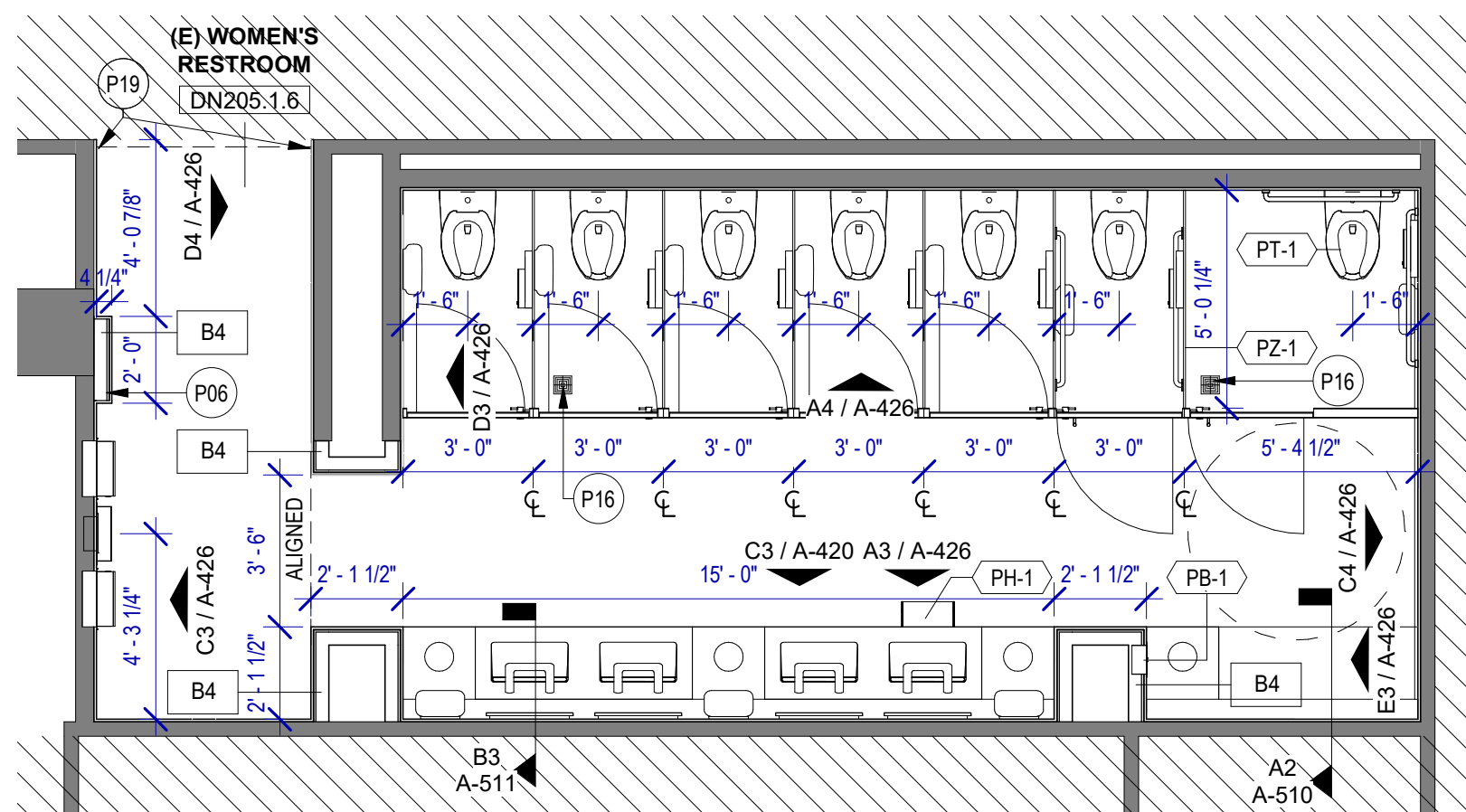
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

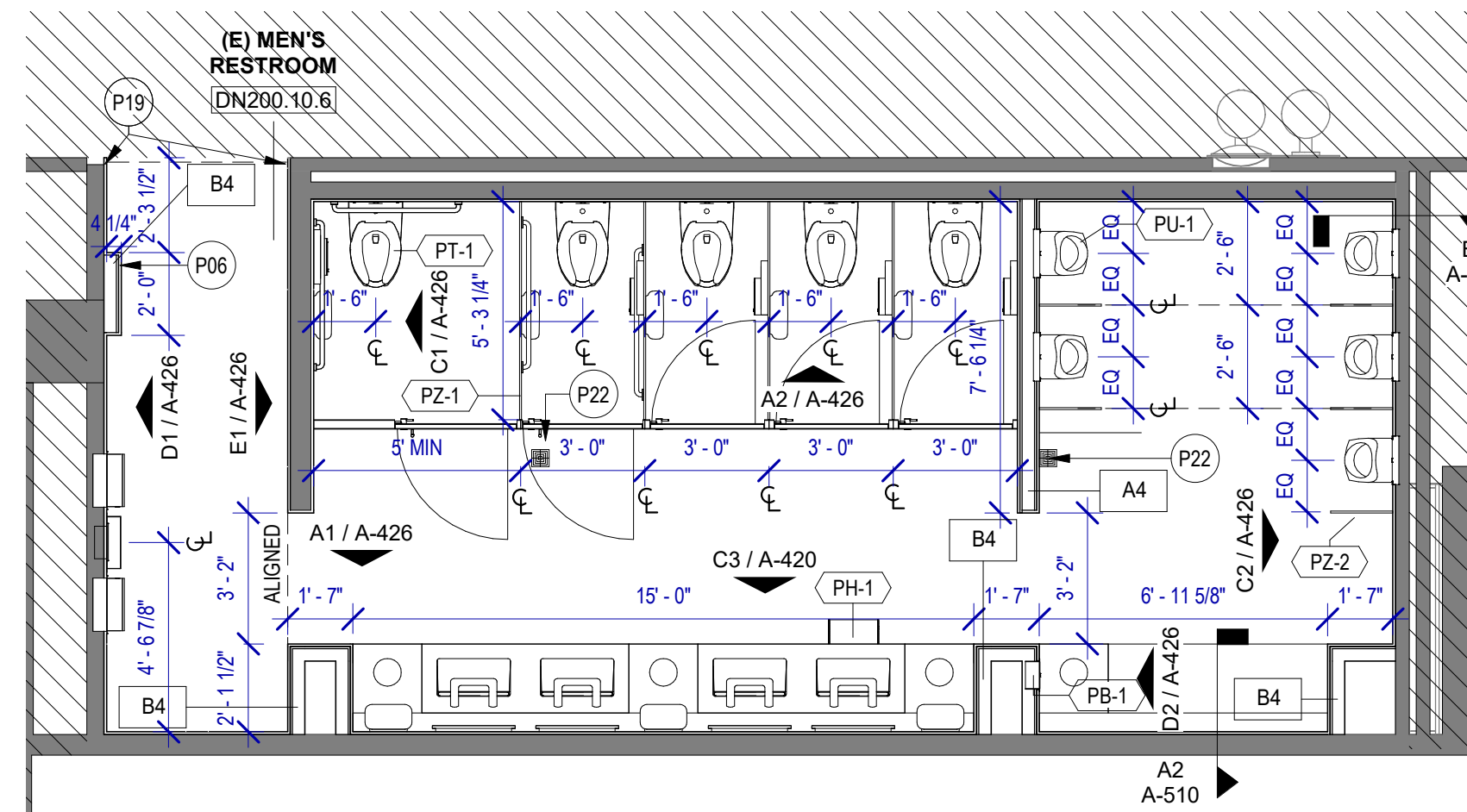
HAS FILE:



A3 WOMEN'S RESTROOM GATE D7 AREA
SCALE: 1/4" = 1'-0"



A2 WOMEN'S RESTROOM GATE D9 AREA
SCALE: 1/4" = 1'-0"



C3 MEN'S RESTROOM GATE D8 AREA
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS. REFER TO SHEET G-003 FOR GENERAL NOTES. REFER TO G-010 G-011 FOR PARTITION TYPES FIRESAFING DETAILS
- ALL LOCATIONS OF ELECTRICAL DEVICES SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
- PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
- INSTALL CEMENT BOARD FOR INSTALLATION OF NEW TILE.
- EXISTING HM FRAME TO BE PAINTED.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7, THE CONTRACTOR SHALL INCLUDE:
276 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.

KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
P06	CUSTOMER SERVICE IPAD DOCKING STATION. RE: A-420 FOR TYPICAL ELEVATION.
P16	NEW FLOOR DRAIN CAP COVER
P19	RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH
P22	NEW DRAIN LOCATION. NEW DRAIN CAP COVER

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRISLINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE. 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SHW-SS 975B

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:

PROJECT STATUS: **IFB**

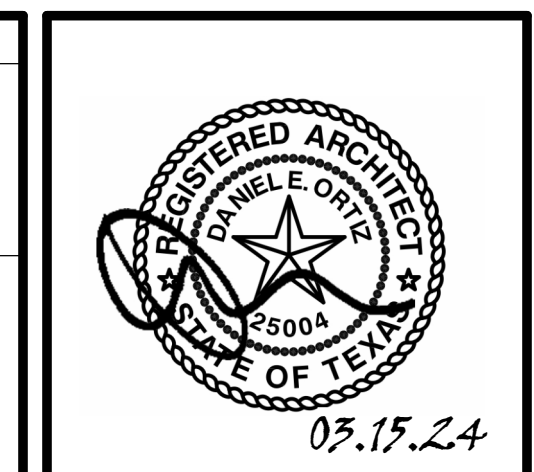
REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: **GP**
DRAWN BY: **GP**
CHECKED BY: **DO**
ISSUE DATE: **03/15/2024**
APPROVED BY: **DANIEL ORTIZ**
APPROVAL DATE: **03/15/2024**

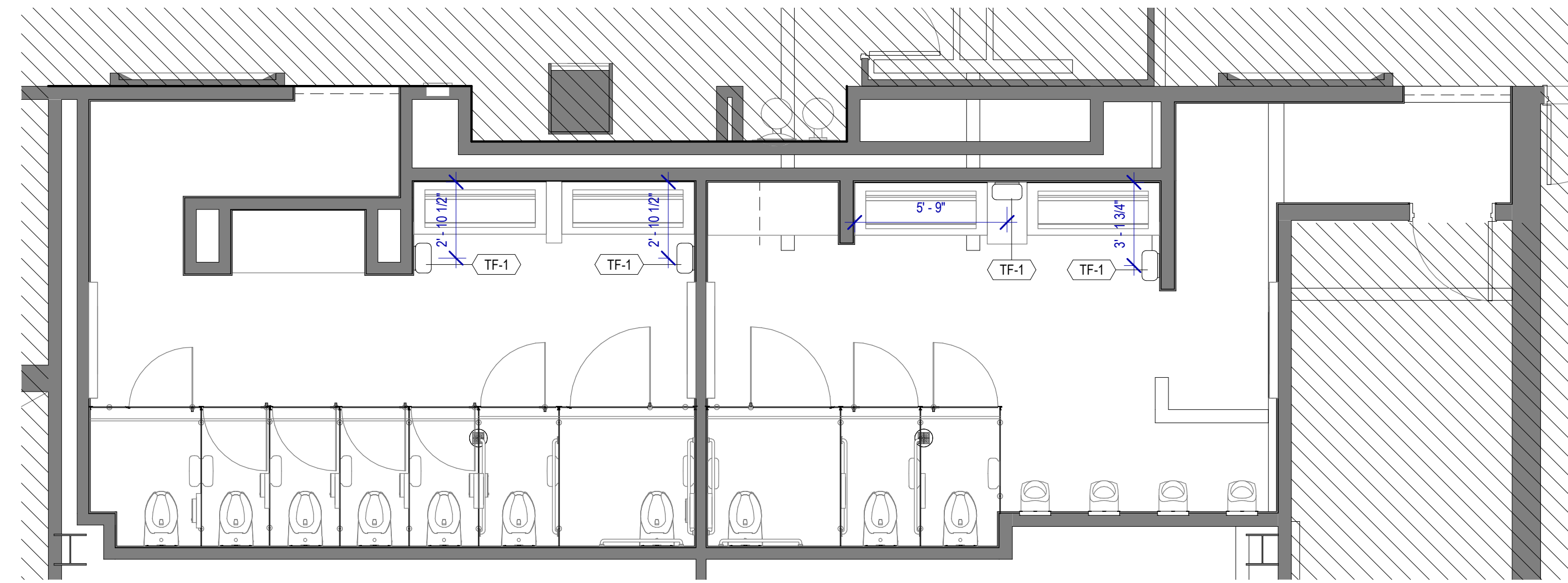
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

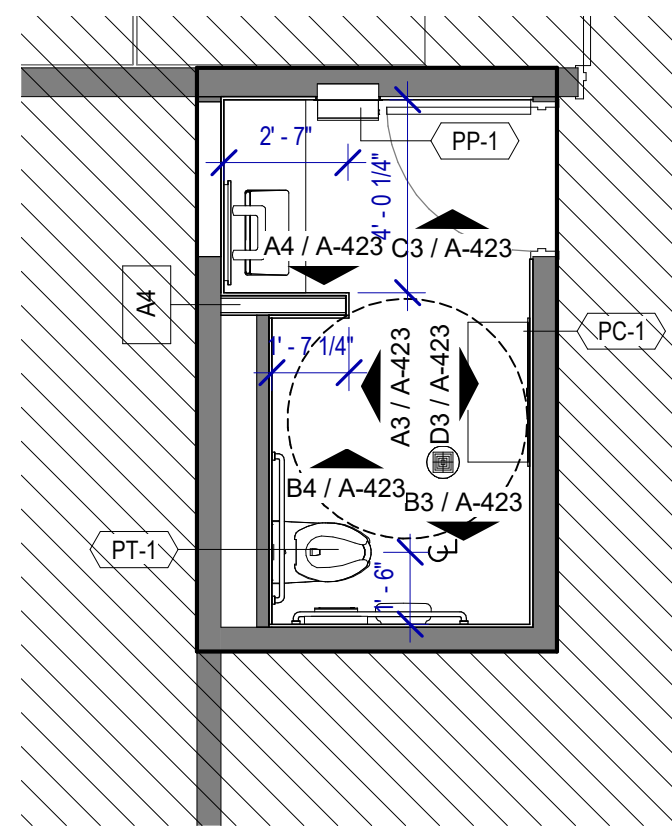


SHEET NAME: ENLARGED RR FLOOR PLANS - CD
CONNECTOR
SHEET No. **A-101** SCALE: **As indicated**

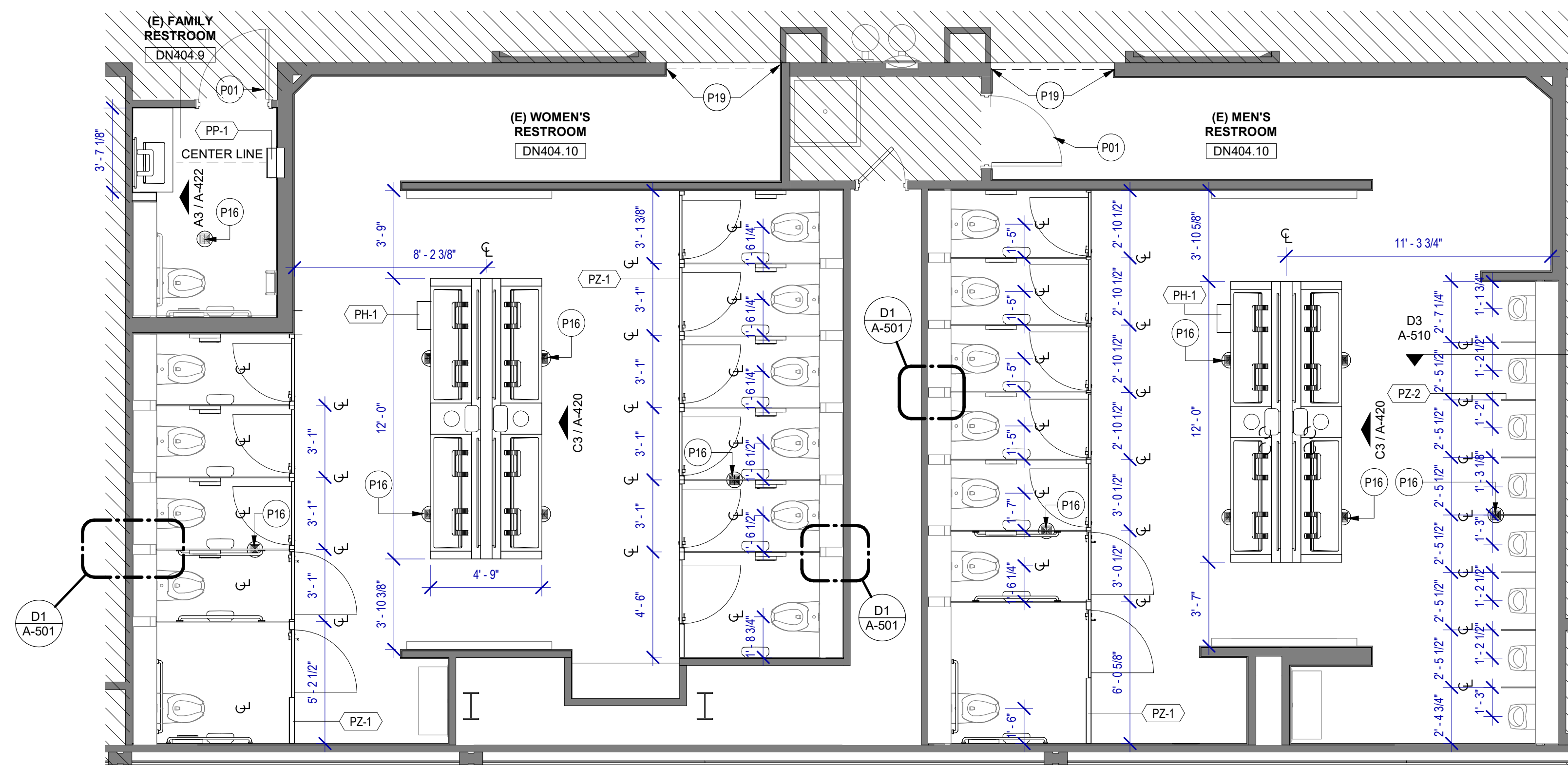
SHEET SIZE: 30"x42" ARCH E1



A3 ENLARGED PLAN - MEN & WOMEN'S RR GATE D10-D12
SCALE: 1/4" = 1'-0"



A2 ENLARGED PLAN - NURSERY RR GATE D16 AREA
SCALE: 1/4" = 1'-0"



B2 ENLARGED PLAN - MEN & WOMEN'S RR GATE D16-D17
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS. REFER TO SHEET G-003 FOR GENERAL NOTES. REFER TO G-010 G-011 FOR PARTITION TYPES FIRESAFING DETAILS
- ALL LOCATIONS OF ELECTRICAL DEVICES SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
- PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
- INSTALL CEMENT BOARD FOR INSTALLATION OF NEW TILE.
- EXISTING HM FRAME TO BE PAINTED.
- IN ADDITION TO EXISTING FLOORING TILE TO BE REMOVED AT RESTROOMS IN GATES D6 & D7, THE CONTRACTOR SHALL INCLUDE:
270 SF FOR ADDITIONAL FLOORING TILE THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY REMOVE EXISTING TRESPA PANELS WHERE REQUIRED PER DRAWINGS. THE TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. TRESPA PANELS ARE HUNG ON CLIPS AND CAN BE LIFTED OFF. CONTRACTOR SHALL CAREFULLY REMOVE EACH PANEL AND CLIP/ATTACHMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN.
- THE CONTRACTOR SHALL COORDINATE WITH TRESPA MANUFACTURER ON THE REMOVAL, MODIFICATION AND REINSTALLATION OF PANELS AS REQUIRED PER DRAWINGS.

KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
P01	EXISTING DOOR TO REMAIN, PROTECT DURING CONSTRUCTION AND PAINT
P16	NEW FLOOR DRAIN CAP COVER
P19	RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PL-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRSLINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TETZLN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

800 Sampson St. #104
Houston, TX 77003

713.868.3121
www.rdlr.com



5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:

PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME:
ENLARGED RR FLOOR PLANS - TERMINAL D

SHEET No. A-102 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Received Approval Category
IFB
ISSUED FOR BIDDING

SHEET NAME:
ENLARGED RR RCP PLAN - CD CONNECTOR

SHEET No. **A-141** SCALE: **1/4" = 1'-0"**

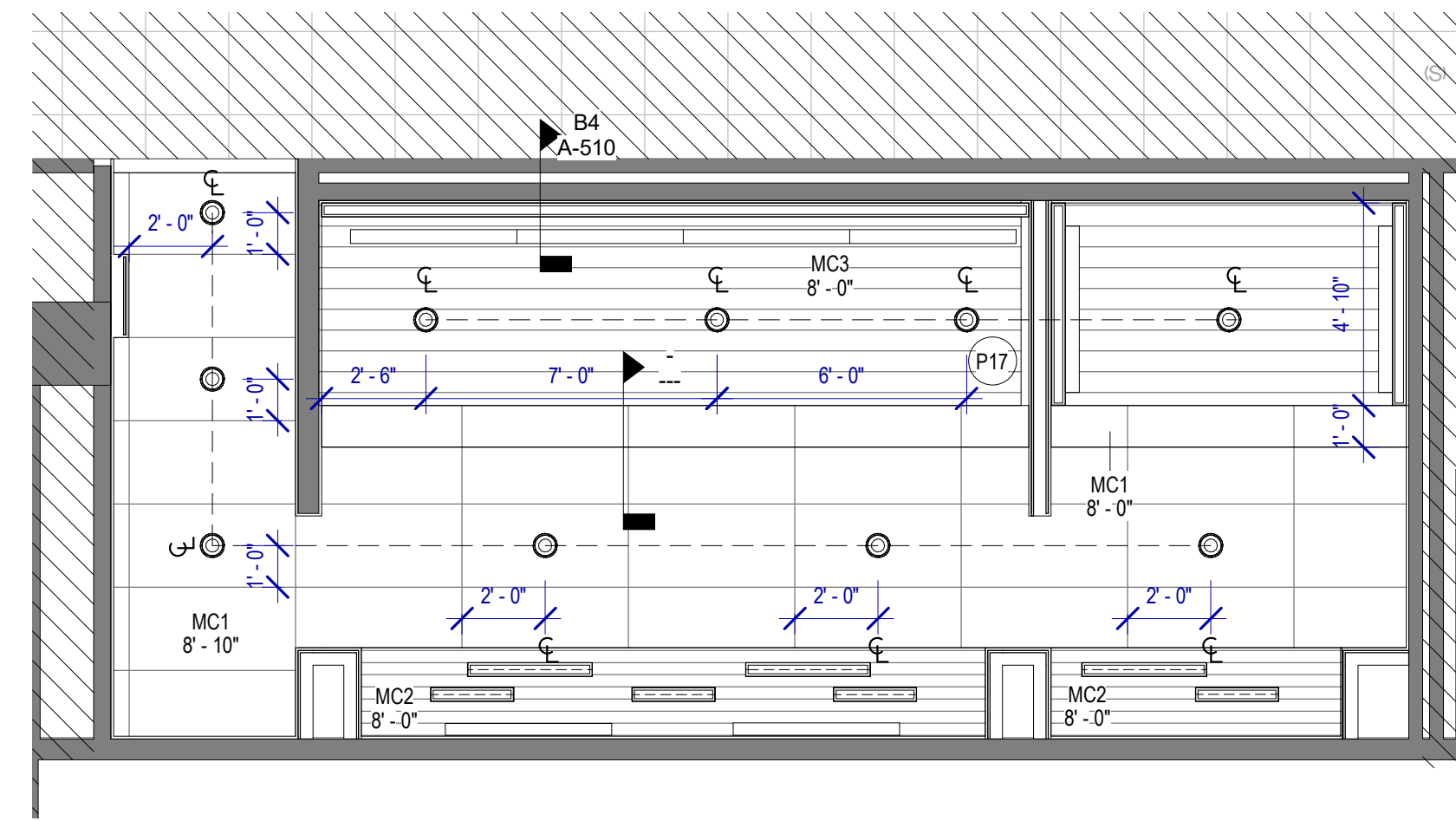
SHEET SIZE: 30"x42" ARCH E1

RCP GENERAL NOTES

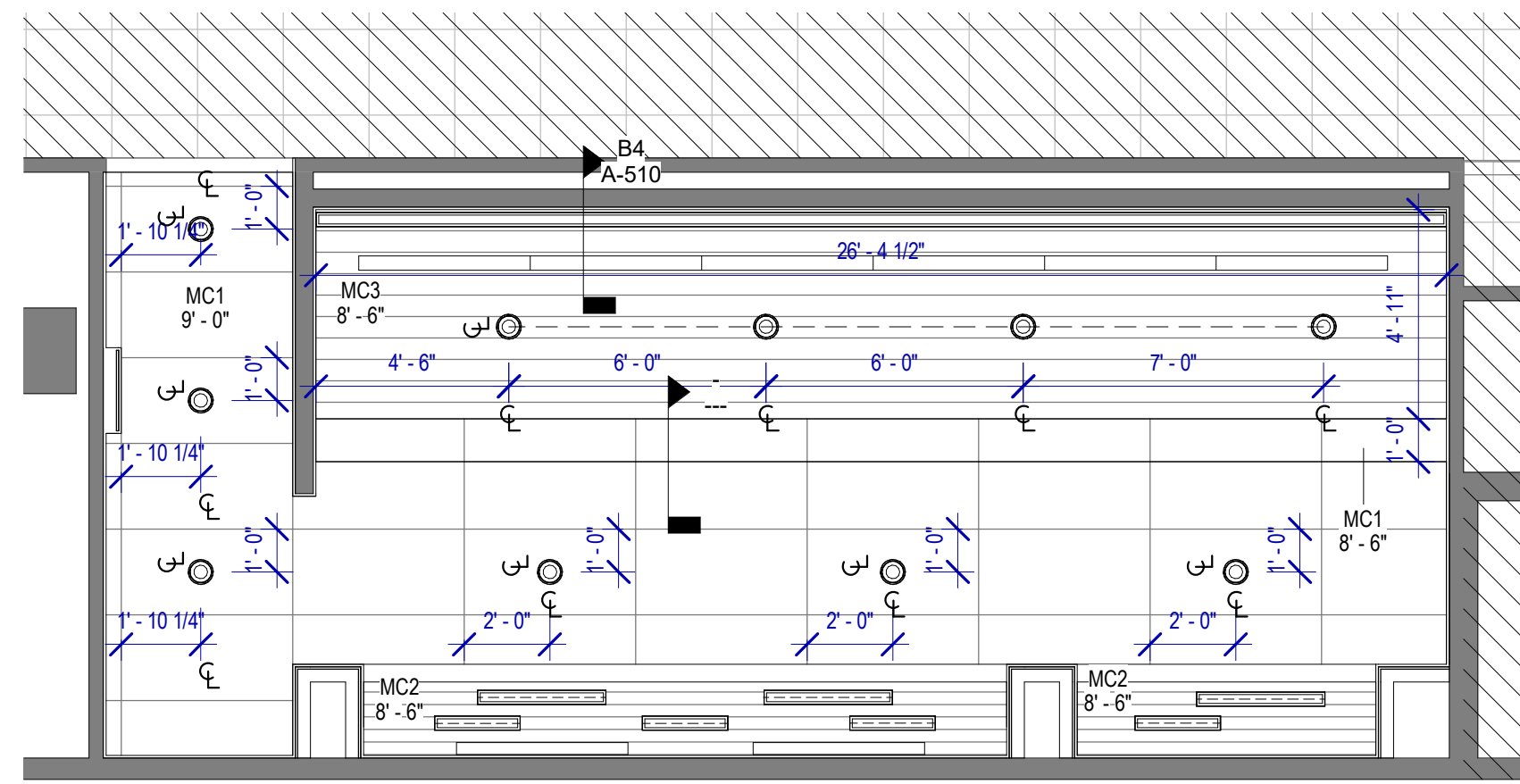
- REFER TO G-003 FOR LIGHTING GENERAL NOTES AND A420'S FOR INTERIOR ELEVATION
- REFER TO A-600'S FOR FINISH MATERIAL SCHEDULE.
- FIELD VERIFY ALL CONDITIONS AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE WORK COMMENCES.
- ALL LIGHT FIXTURES NOT LOCATED BY DIMENSIONS ARE TO BE CENTERED IN CEILING TILES, CENTER FIXTURE IN ROOM UNLESS NOTED.
- PROTECT ALL EXISTING CEILINGS AND DEVICES TO REMAIN.
- V.I.F. ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO MEP DRAWINGS FOR EGRESS / EMERGENCY LIGHTING.
- PROTECT EXISTING CEILINGS FOR INSTALLATION OF NEW STALL LIGHTS.
- IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9, THE CONTRACTOR SHALL INCLUDE:
 - 560 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

REFLECTED CEILING PLAN LEGEND

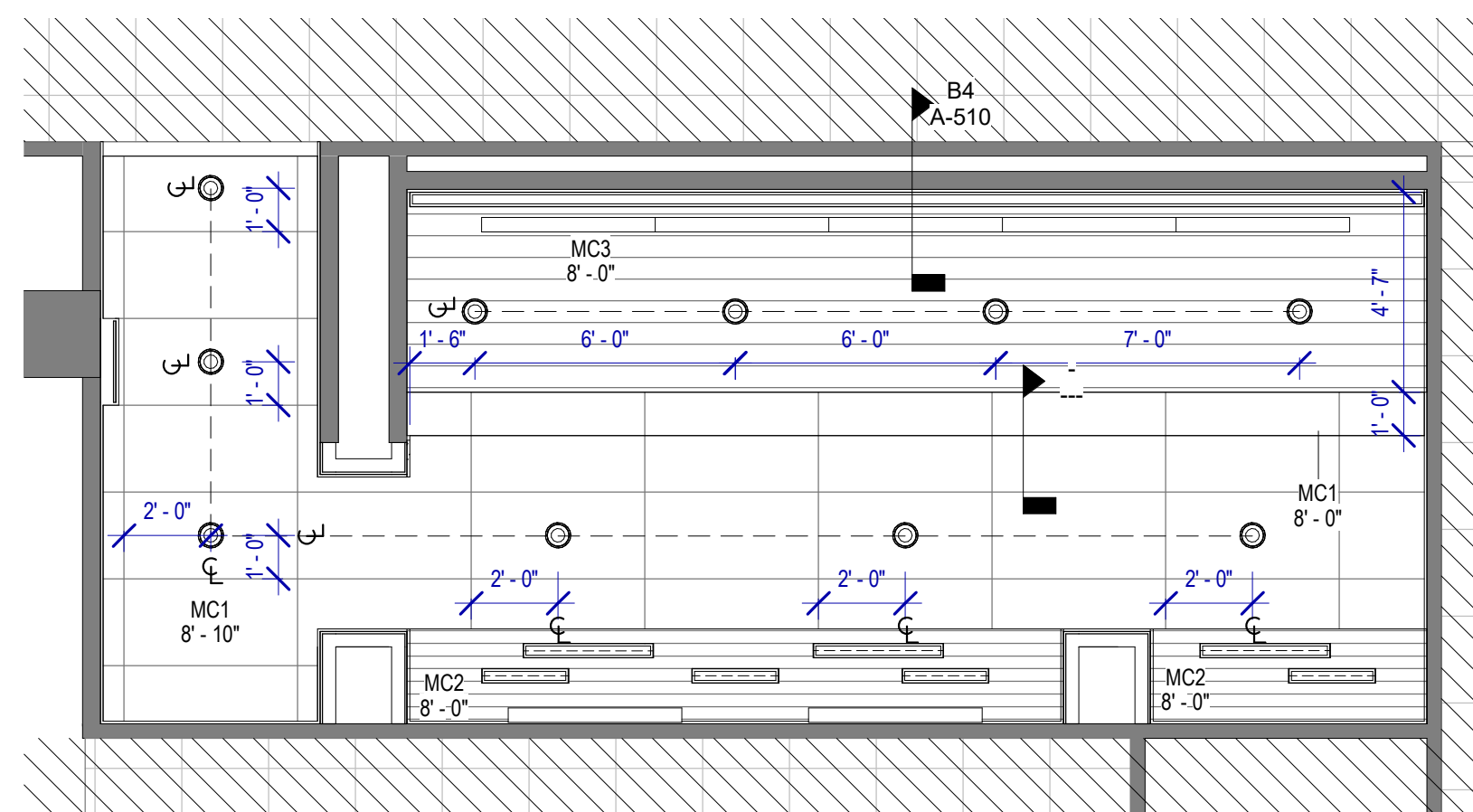
- GYP. BD. CEILING
- ROUND RECESSED CAN LIGHT FIXTURE
- LINEAR RECESSED LIGHT FIXTURE
- DECORATIVE LINEAR LIGHT FIXTURE
- NEW 2x2' TROFFER LIGHT FIXTURE
- NEW PARTITION
- EXISTING PARTITION TO REMAIN
- SUPPLY/EXHAUST LINEAR AIR DEVICE
- SMART STALL OCCUPANCY LIGHTS
- SUPPLY AIR DEVICE
- EXHAUST GRILLE
- MC1
- MC3
- MC2



C3 RCP - MENS RR GATE D08
SCALE: 1/4" = 1'-0"



A3 RCP - WOMEN'S RR GATE D07
SCALE: 1/4" = 1'-0"

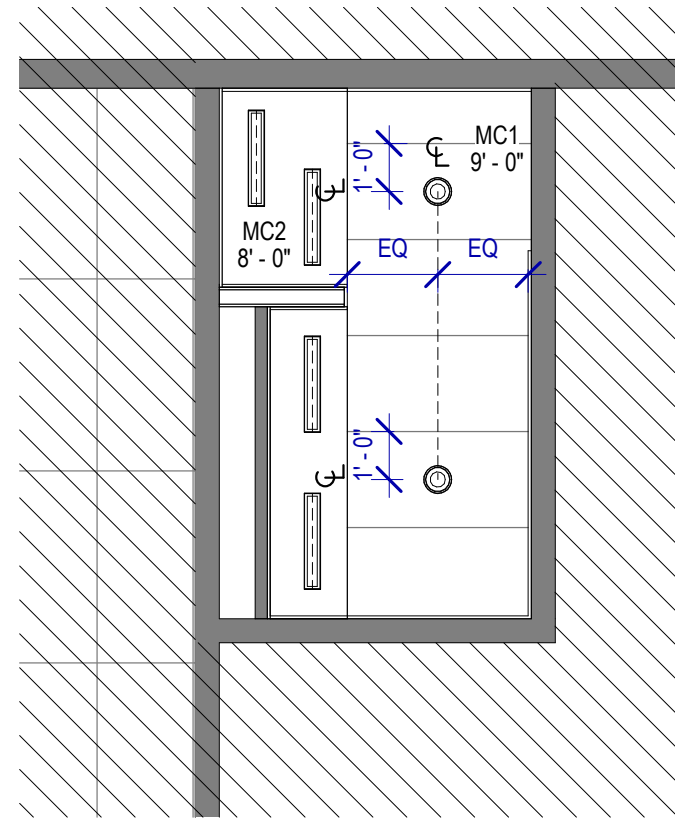


A2 RCP - WOMEN'S RR GATE D09
SCALE: 1/4" = 1'-0"

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

HAS FILE:

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



A4 RCP - NURSERY RR GATE D16 AREA
SCALE: 1/4" = 1'-0"

RCP GENERAL NOTES

1. REFER TO G-003 FOR LIGHTING GENERAL NOTES AND A420'S FOR INTERIOR ELEVATION
2. REFER TO A-600'S FOR FINISH MATERIAL SCHEDULE.
3. FIELD VERIFY ALL CONDITIONS AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE WORK COMMENCES.
4. ALL LIGHT FIXTURES NOT LOCATED BY DIMENSIONS ARE TO BE CENTERED IN CEILING TILES. CENTER FIXTURE IN ROOM UNLESS NOTED.
5. PROTECT ALL EXISTING CEILINGS AND DEVICES TO REMAIN.
6. V.I.F. ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.
7. REFER TO MEP DRAWINGS FOR EGRESS / EMERGENCY LIGHTING.
8. PROTECT EXISTING CEILINGS FOR INSTALLATION OF NEW STALL LIGHTS.
9. IN ADDITION TO EXISTING CEILING PANEL TO BE REMOVED AT RESTROOMS IN GATES D6, D7 AND D9, THE CONTRACTOR SHALL INCLUDE:
- 560 SF FOR ADDITIONAL CEILING PANEL THAT MAY BE IN POOR CONDITION AND WE MAY NEED TO REPLACE DURING CONSTRUCTION.

REFLECTED CEILING PLAN LEGEND

- GYP. BD. CEILING
- ROUND RECESSED CAN LIGHT FIXTURE
- LINEAR RECESSED LIGHT FIXTURE
- DECORATIVE LINEAR LIGHT FIXTURE
- NEW 2'x2' TROFFER LIGHT FIXTURE
- NEW PARTITION
- EXISTING PARTITION TO REMAIN
- SUPPLY/EXHAUST LINEAR AIR DEVICE
- SMART STALL OCCUPANCY LIGHTS
- SUPPLY AIR DEVICE
- EXHAUST GRILLE
- MC1
- MC3
- MC2



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
C.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

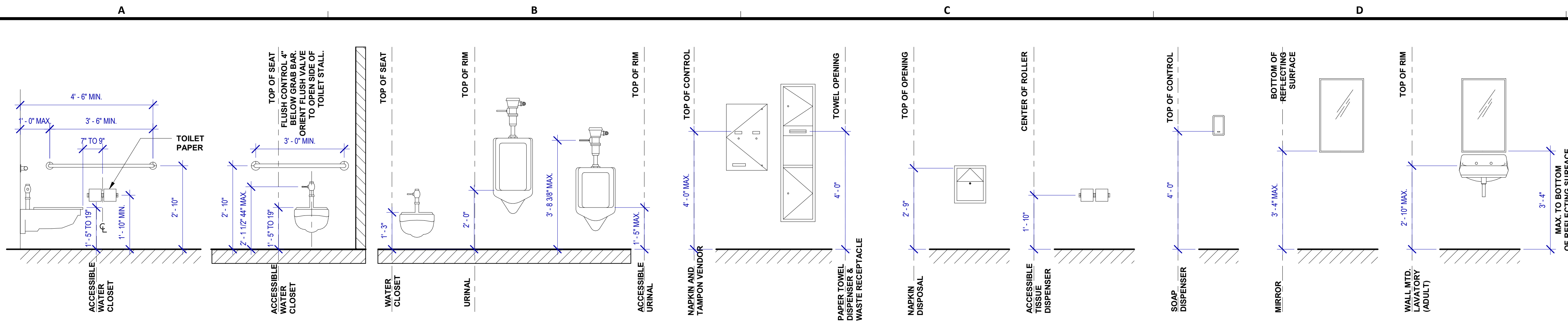
<p>ISSUED FOR BIDDING</p>	
---------------------------	--

SHEET NAME:
ENLARGED RR RCP PLANS - TERMINAL D

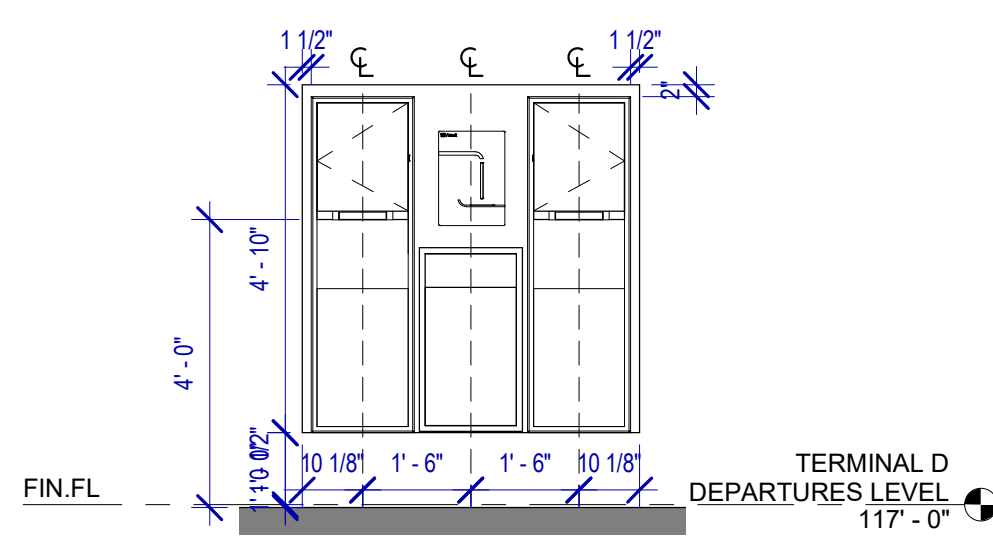
SHEET No. A-142 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

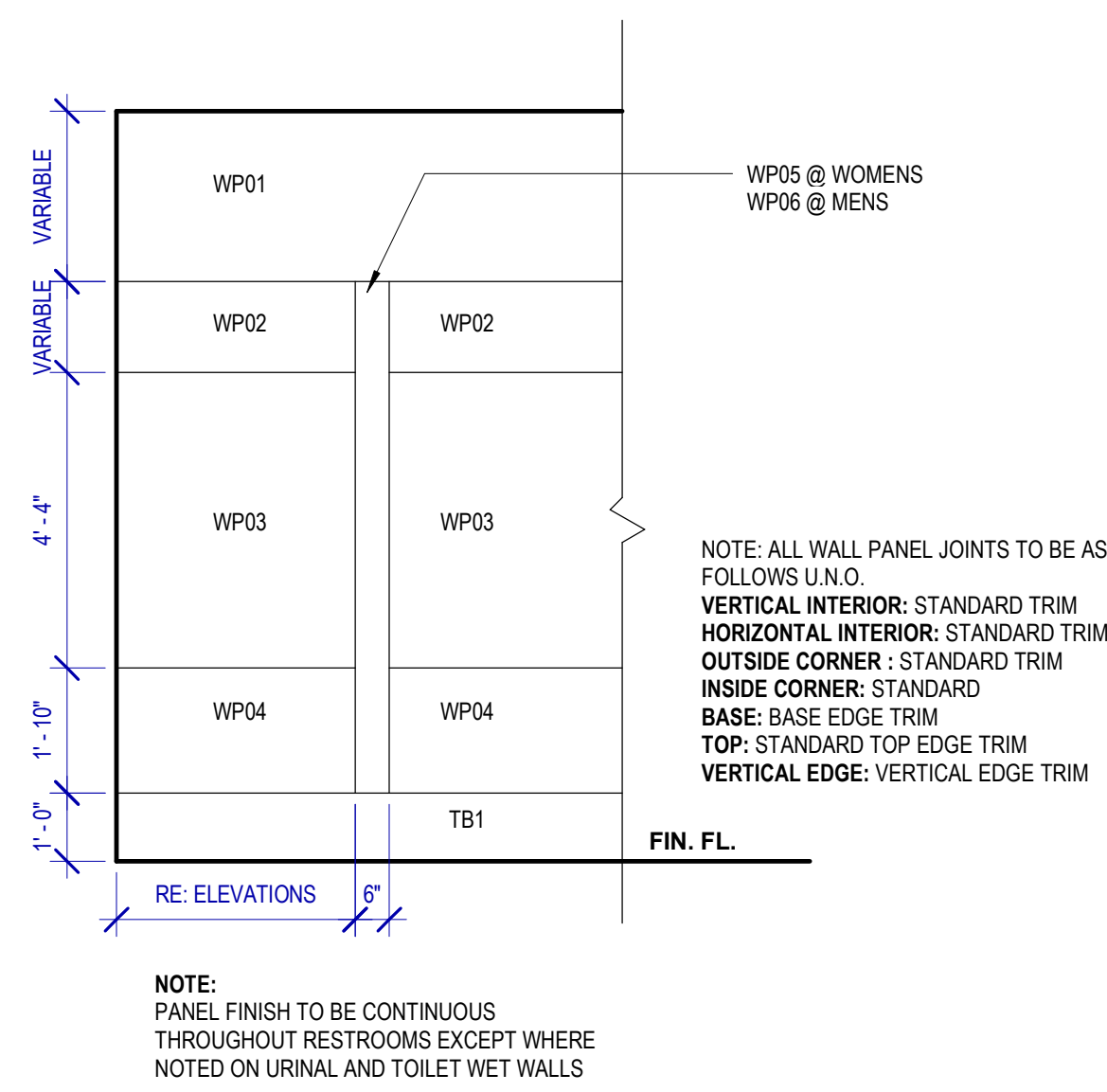
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:



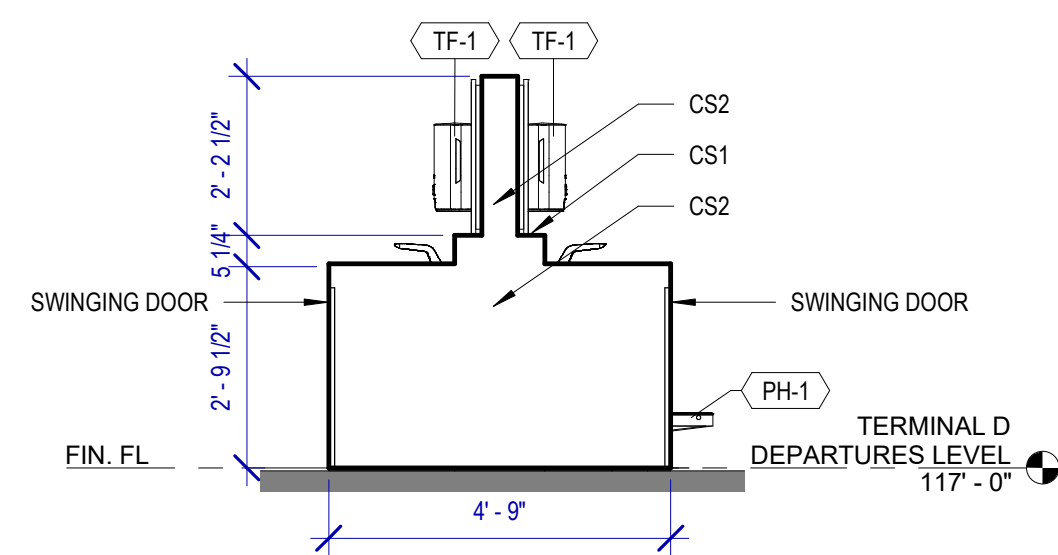
A4 ADA MOUNTING LOCATIONS - RESTROOMS
SCALE: 1/2" = 1'-0"



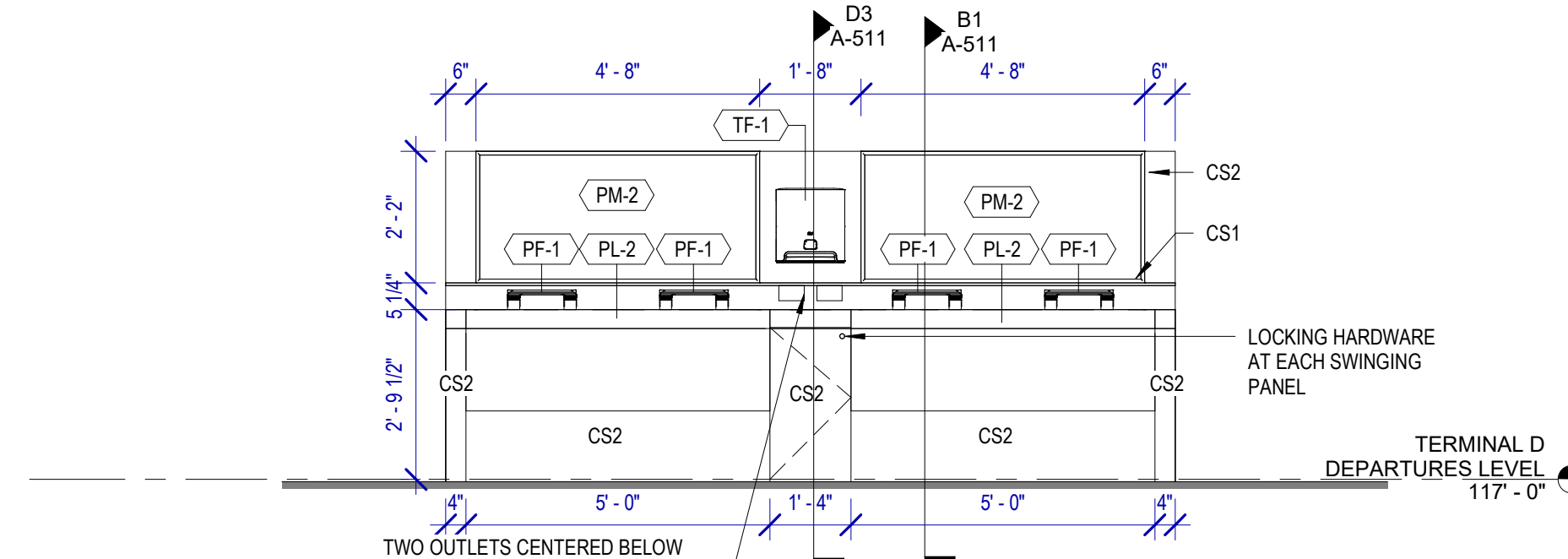
A3 TYP. ELEVATION AT SANITIZING STATION
SCALE: 3/8" = 1'-0"



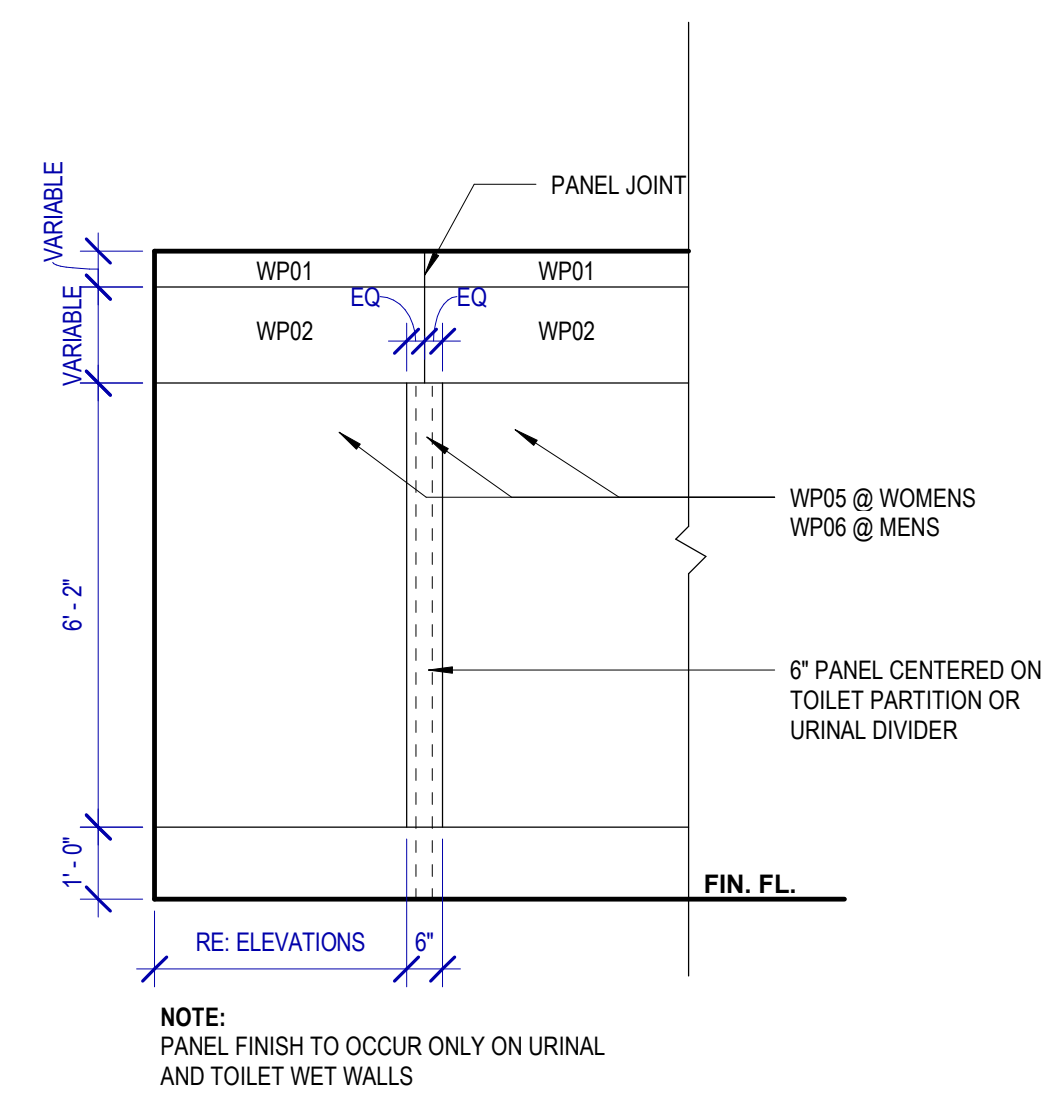
A2 TYPICAL WALL PATTERN
SCALE: 3/8" = 1'-0"



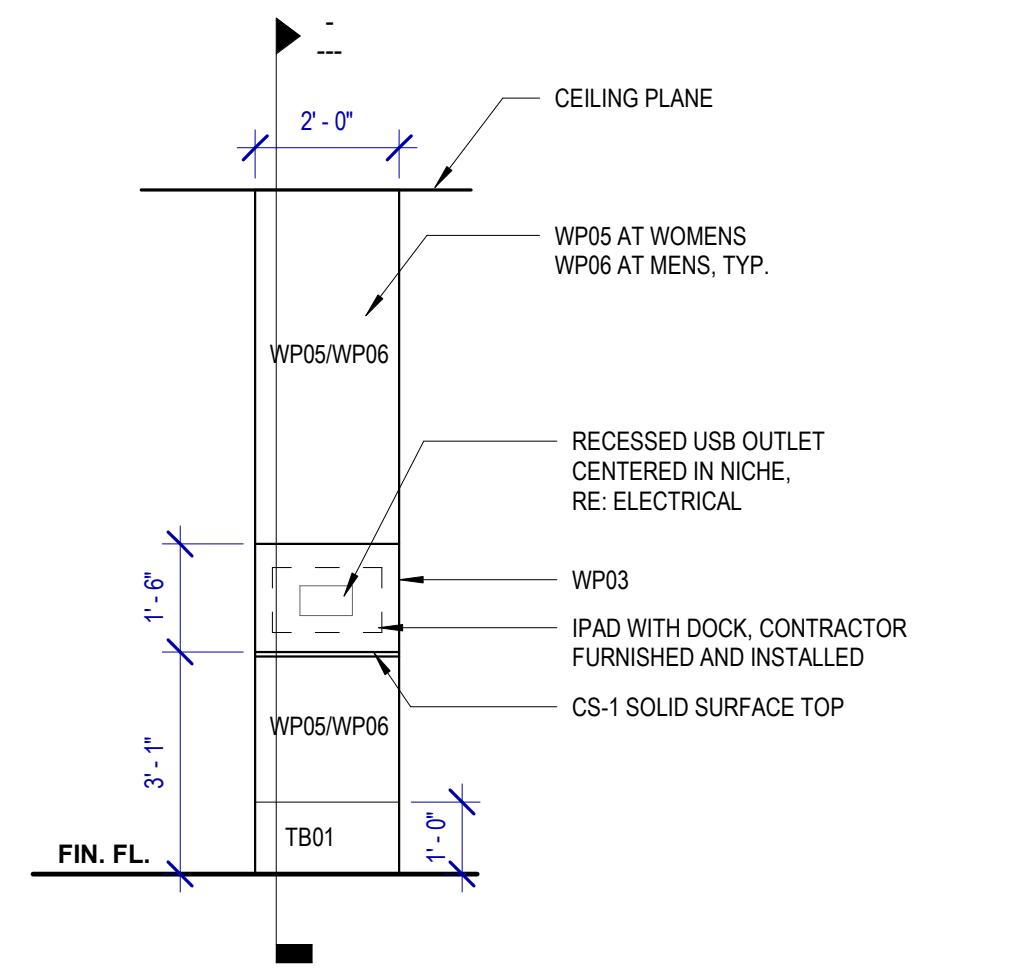
B3 TYP. LAVATORY ISLAND (END)
SCALE: 3/8" = 1'-0"



C3 TYPICAL LAVATORY
SCALE: 3/8" = 1'-0"



B2 TYPICAL WALL PATTERN @ PLUMBING WALL
SCALE: 3/8" = 1'-0"



C2 TYPICAL IPAD STATION ELEVATION
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PH-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL, TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
E.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

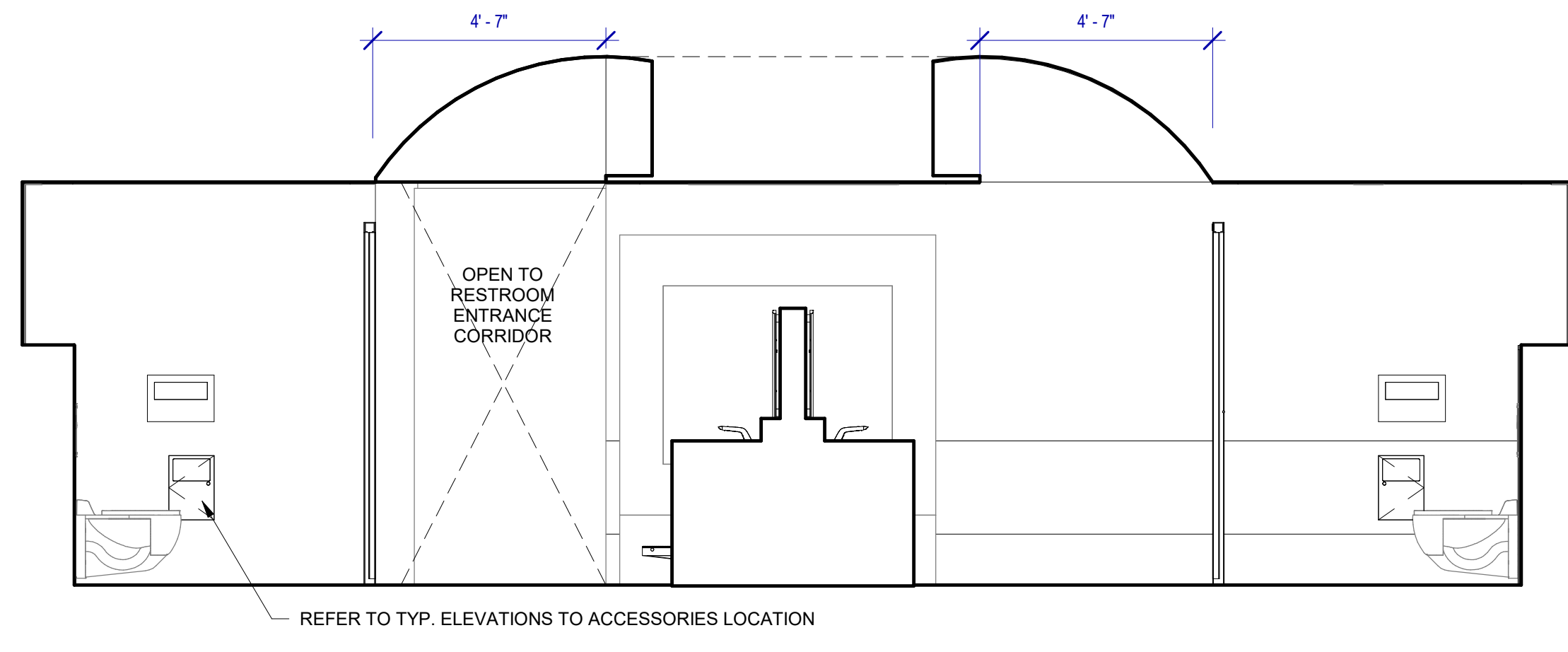
REVISIONS		
NO.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

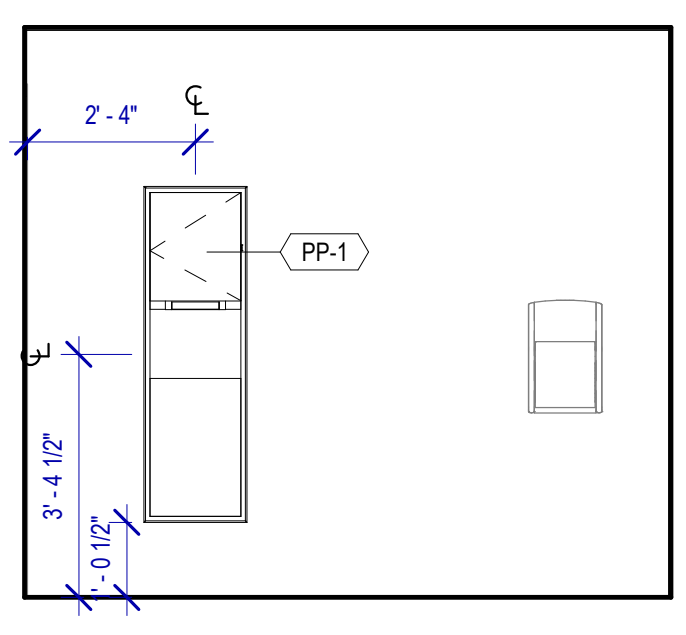
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Noted/ Approval Category
IFB
ISSUED FOR BIDDING

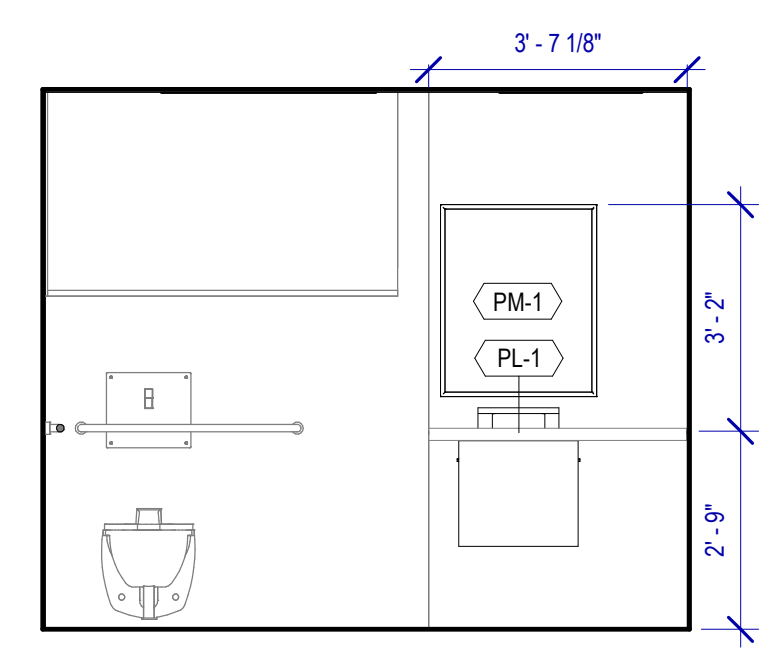
SHEET NAME: TYPICAL ELEVATIONS AND PLANS
SHEET No. A-420 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1



A4 WOMEN'S RESTROOM GATE D16-D17 - A
SCALE: 3/8" = 1'-0"



C4 FAMILY RESTROOM GATE D16 - C
SCALE: 3/8" = 1'-0"



A3 FAMILY RESTROOM GATE D16 - A
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL, TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

REGISTERED ARCHITECT
DANIEL ORTIZ
2500
STATE OF TEXAS
03.15.24

SHEET NAME:
WOMEN/FAMILY RESTROOM ELEVATIONS - GATE D16-D17

SHEET No. **A-422** SCALE: **As indicated**

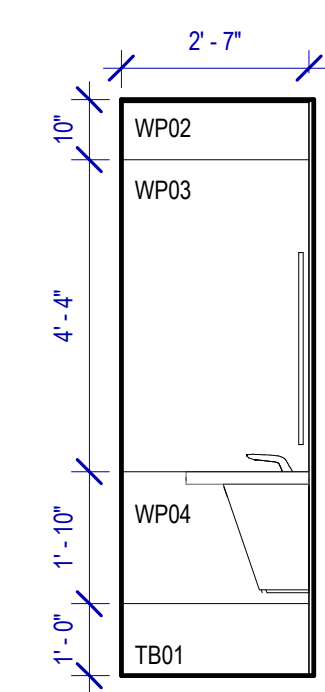
SHEET SIZE: 30"x42" ARCH E1

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:

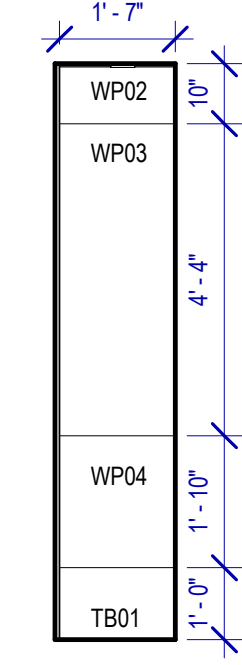
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

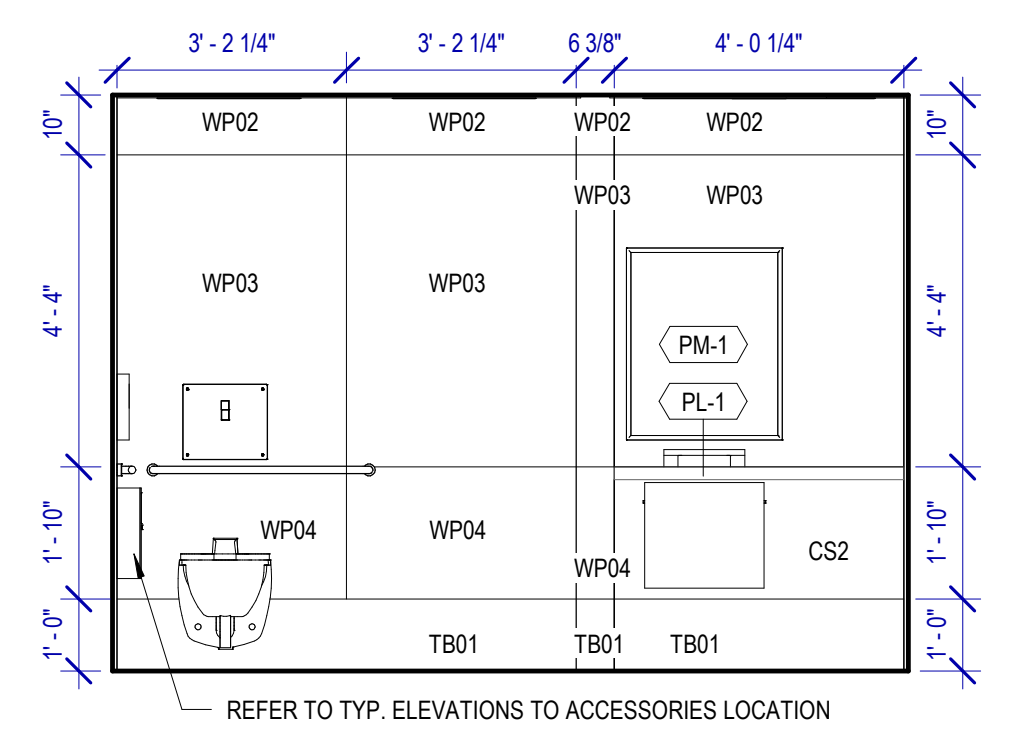
HAS FILE:



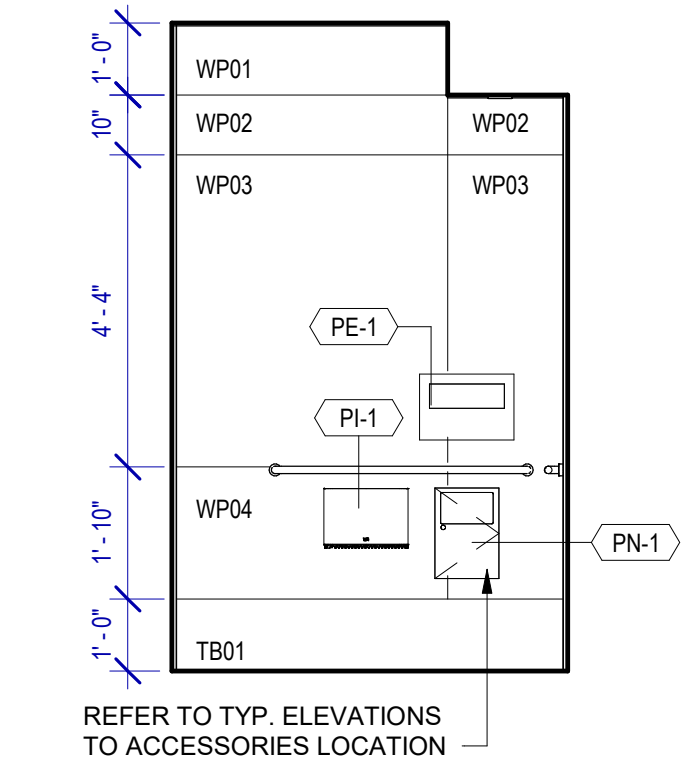
A4 Elevation NURSERY RESTROOM - E
SCALE: 3/8" = 1'-0"



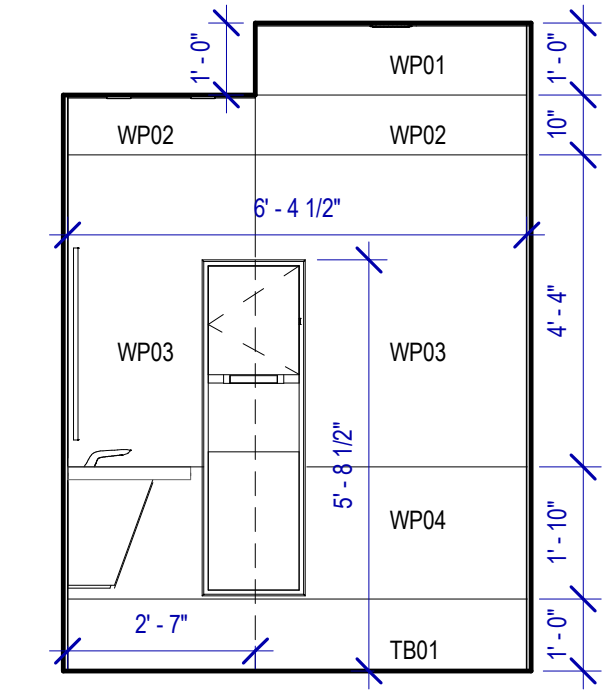
B4 Elevation NURSERY RESTROOM - F
SCALE: 3/8" = 1'-0"



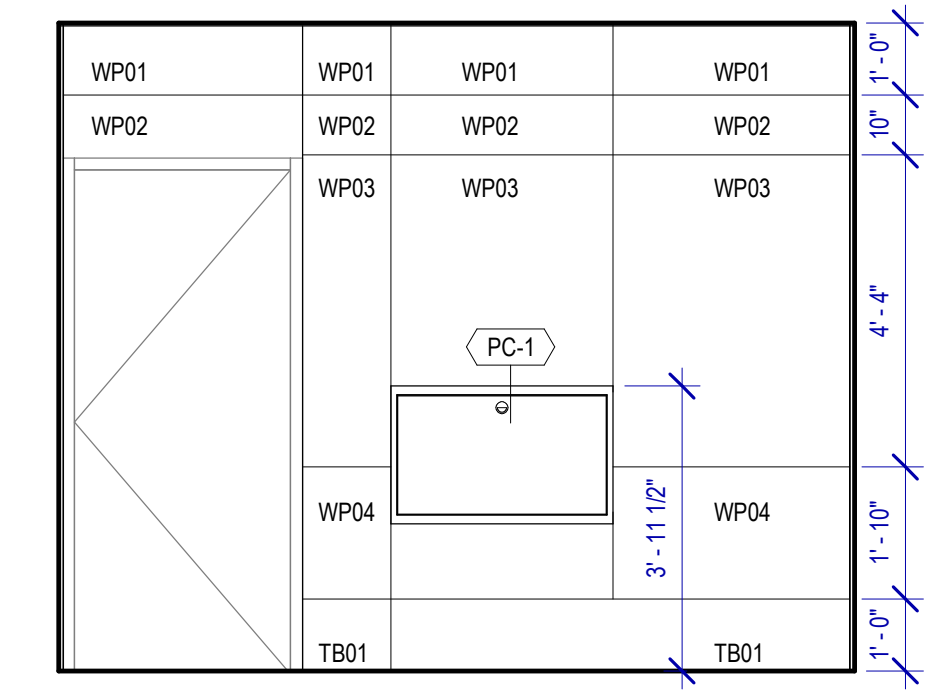
A3 Elevation NURSERY RESTROOM - A
SCALE: 3/8" = 1'-0"



B3 Elevation NURSERY RESTROOM - B
SCALE: 3/8" = 1'-0"



C3 Elevation NURSERY RESTROOM - C
SCALE: 3/8" = 1'-0"



D3 Elevation NURSERY RESTROOM - D
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRSLINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP N WASH SNW-SS 975B

INTERIOR ELEVATIONS NOTES

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL, TAKING THE PLACE OF SANITARY NAPKINS DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No.	PN971	A.I.P. No.	
E.O.H. No.		D.O.A. No.	
B.S.G. No.		H.A.S. No.	
TRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB <small>ISSUED FOR BIDDING</small>	
---	--

SHEET NAME: MAN/NURSERY RESTROOM ELEVATIONS - GATE D16-D17
SHEET No. A-423 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Received/Approval Category

IFB
ISSUED FOR BIDDING

SHEET NAME:	WOMAN/MAN'S RESTROOM ELEVATION - GATE D7
SHEET No.:	A-424
SCALE:	As indicated

TOILET ACCESSORIES

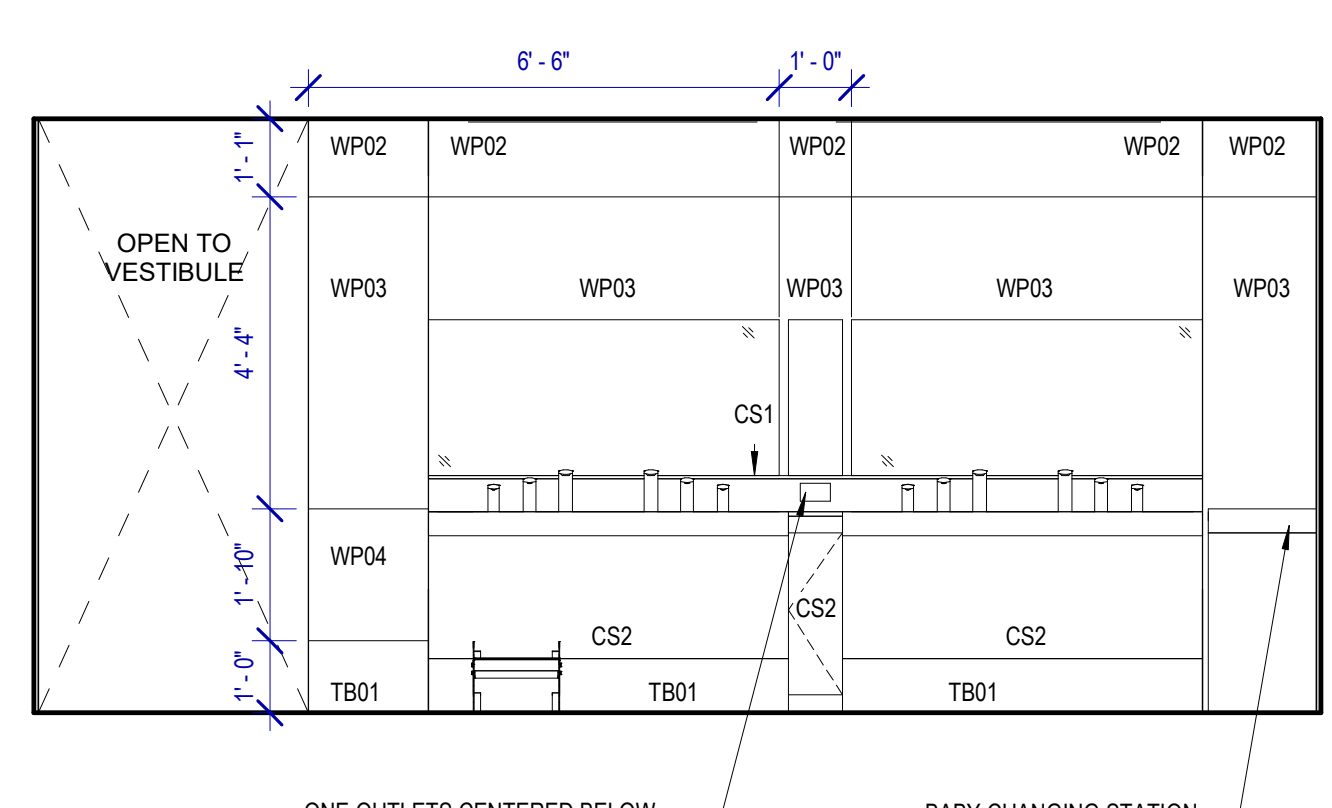
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILSTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2832 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PR-1 BOBRICK B-5806K24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

PLUMBING FIXTURES

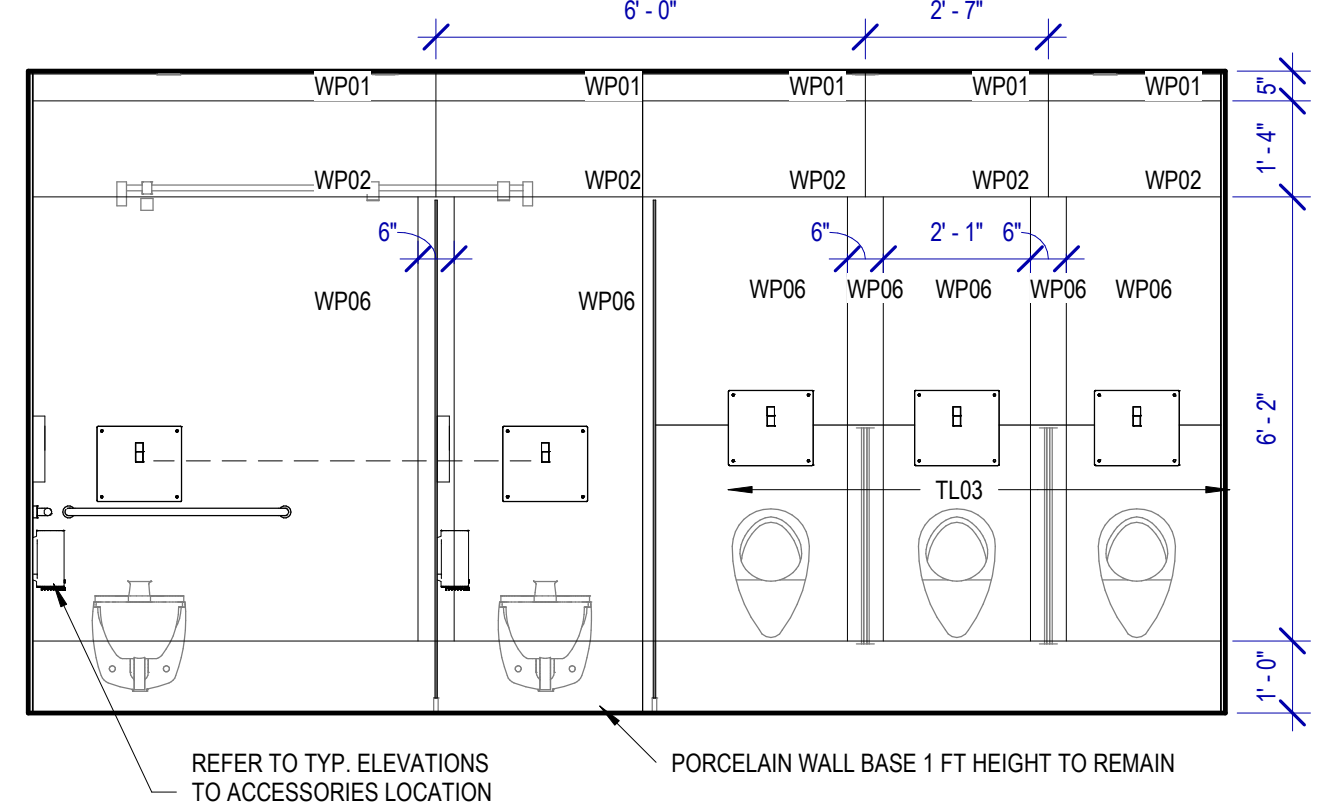
- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

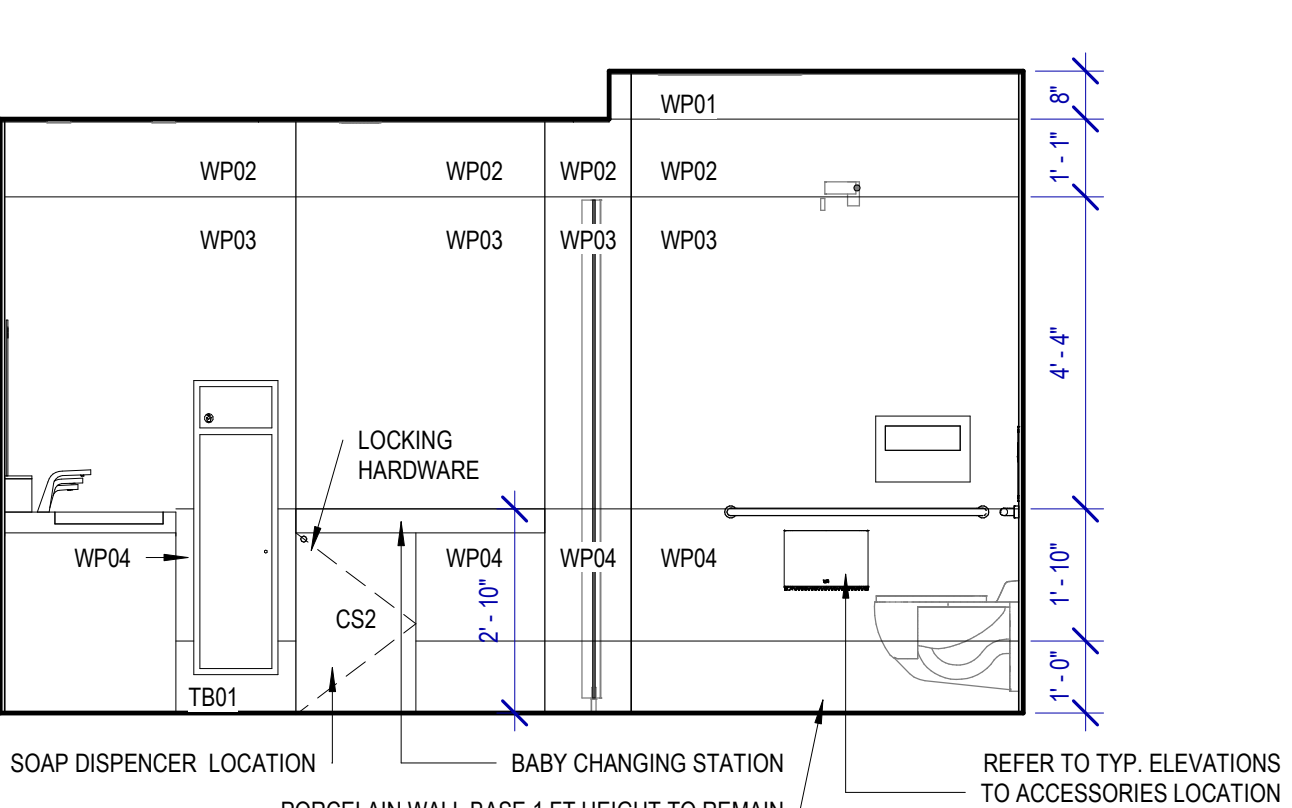
1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL. TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.



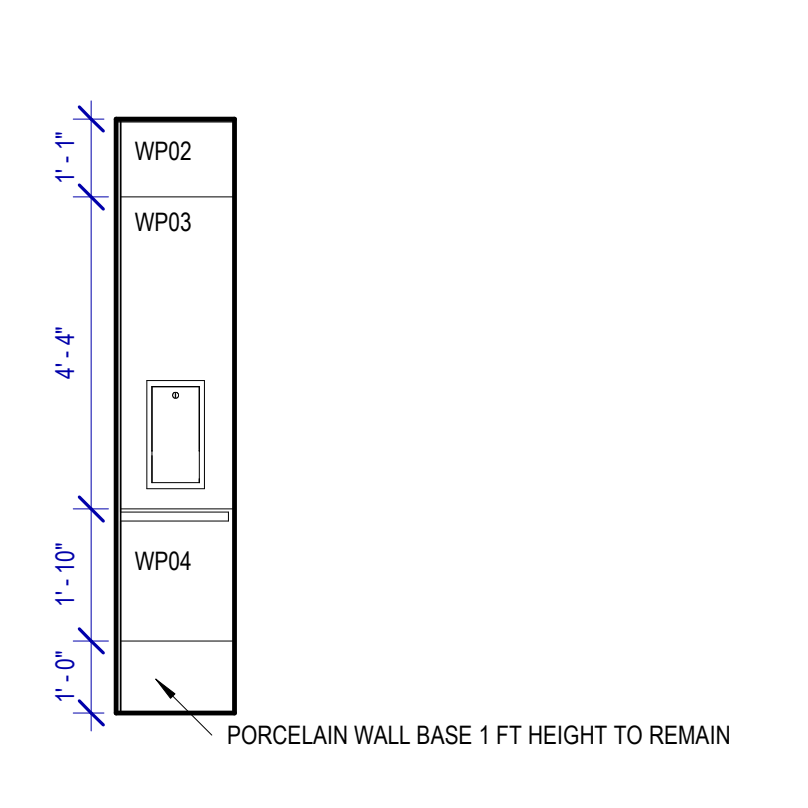
D4 MEN'S RESTROOM GATE D14 - C
SCALE: 3/8" = 1'-0"



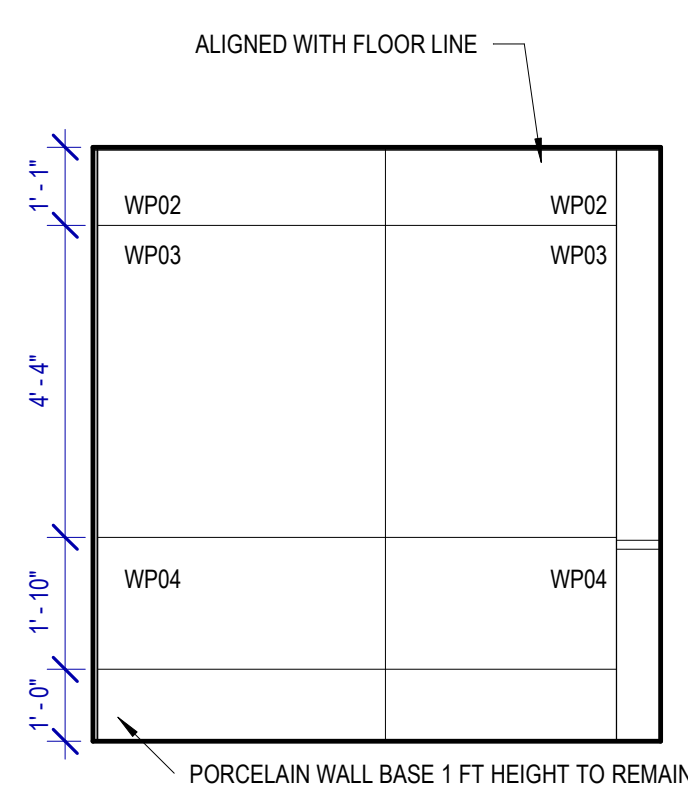
C4 MEN'S RESTROOM GATE D14 - B
SCALE: 3/8" = 1'-0"



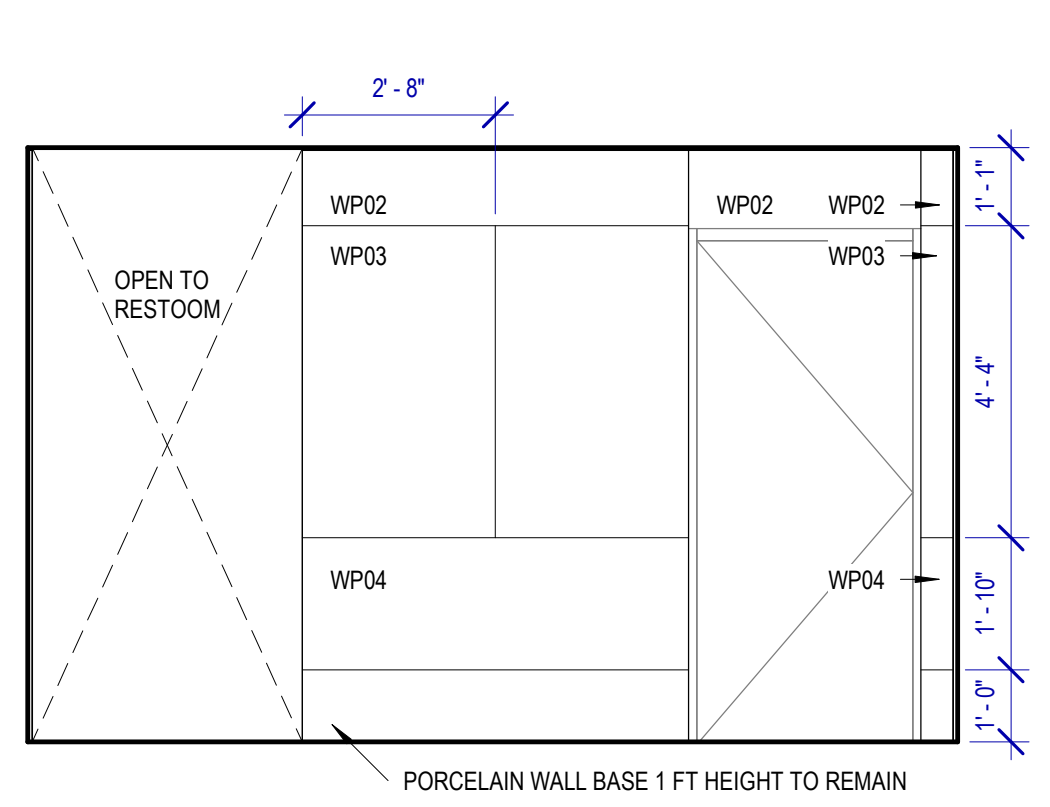
B4 MEN'S RESTROOM GATE D14 - A
SCALE: 3/8" = 1'-0"



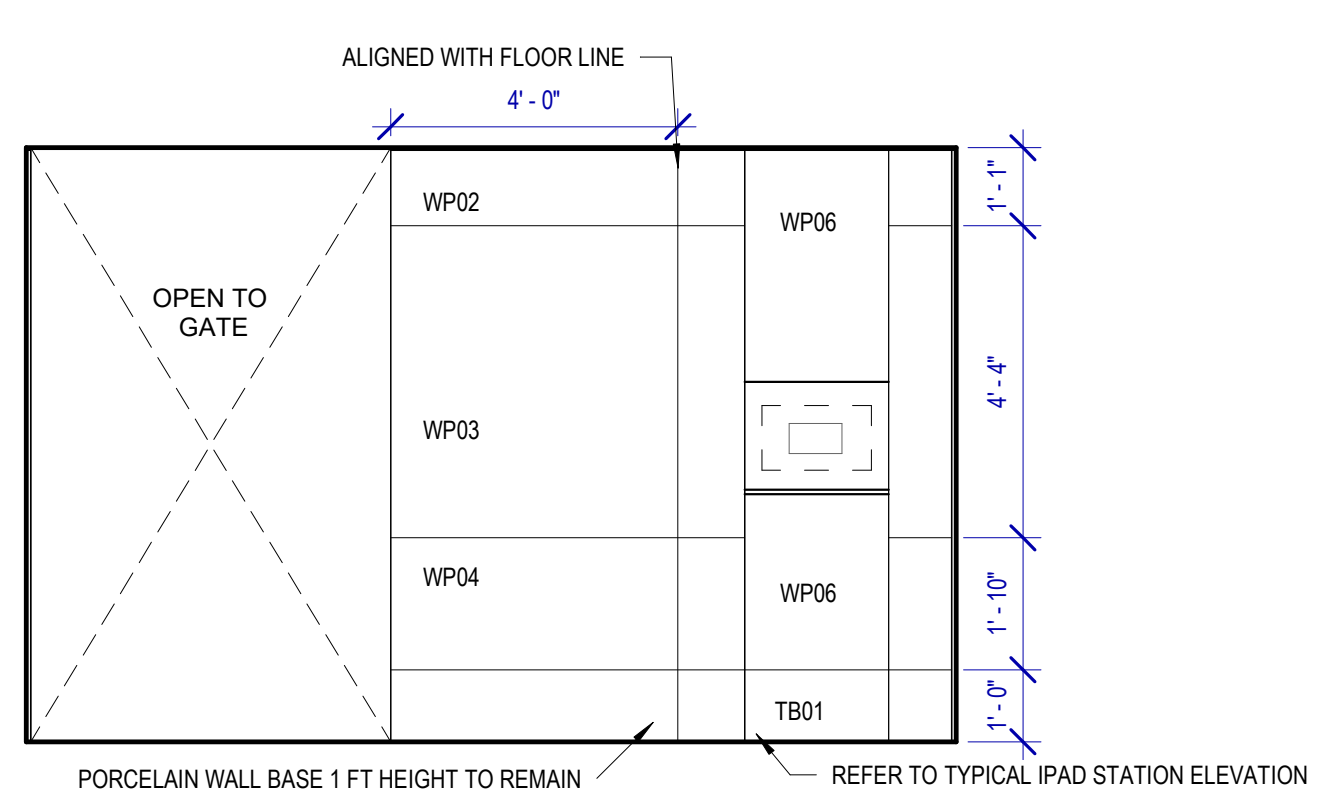
A4 MEN'S RESTROOM GATE D14 - H
SCALE: 3/8" = 1'-0"



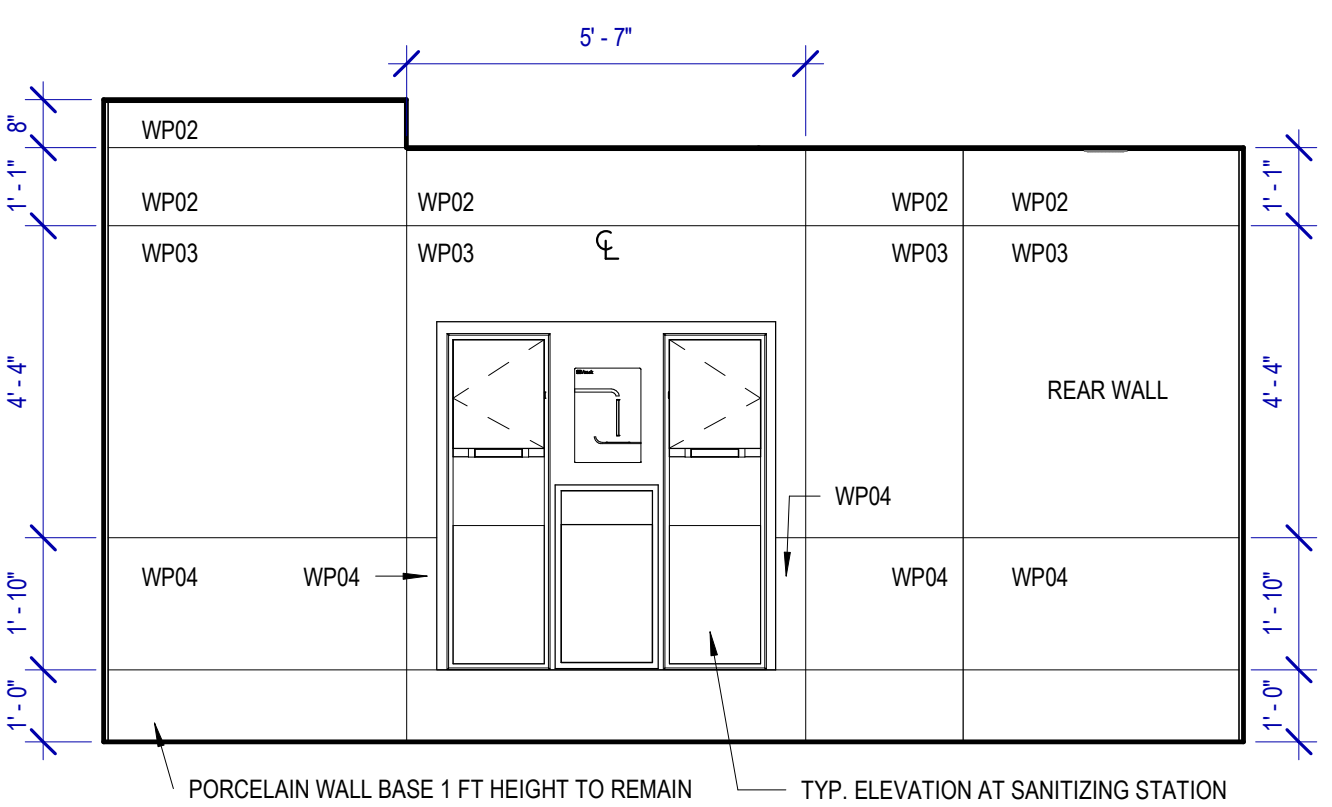
D3 MEN'S RESTROOM GATE D14 - G
SCALE: 3/8" = 1'-0"



C3 MEN'S RESTROOM GATE D14 - F
SCALE: 3/8" = 1'-0"



B3 MEN'S RESTROOM GATE D14 - E
SCALE: 3/8" = 1'-0"



A3 MEN'S RESTROOM GATE D14 - D
SCALE: 3/8" = 1'-0"

FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

HAS FILE:

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

No.	DESCRIPTION	DATE	BY

DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Issued/Approval Category
IFB
ISSUED FOR BIDDING

SHEET NAME:	WOMAN/MAN'S RESTROOM ELEVATION - GATE D6
SHEET No.:	A-425
SCALE:	As indicated

TOILET ACCESSORIES

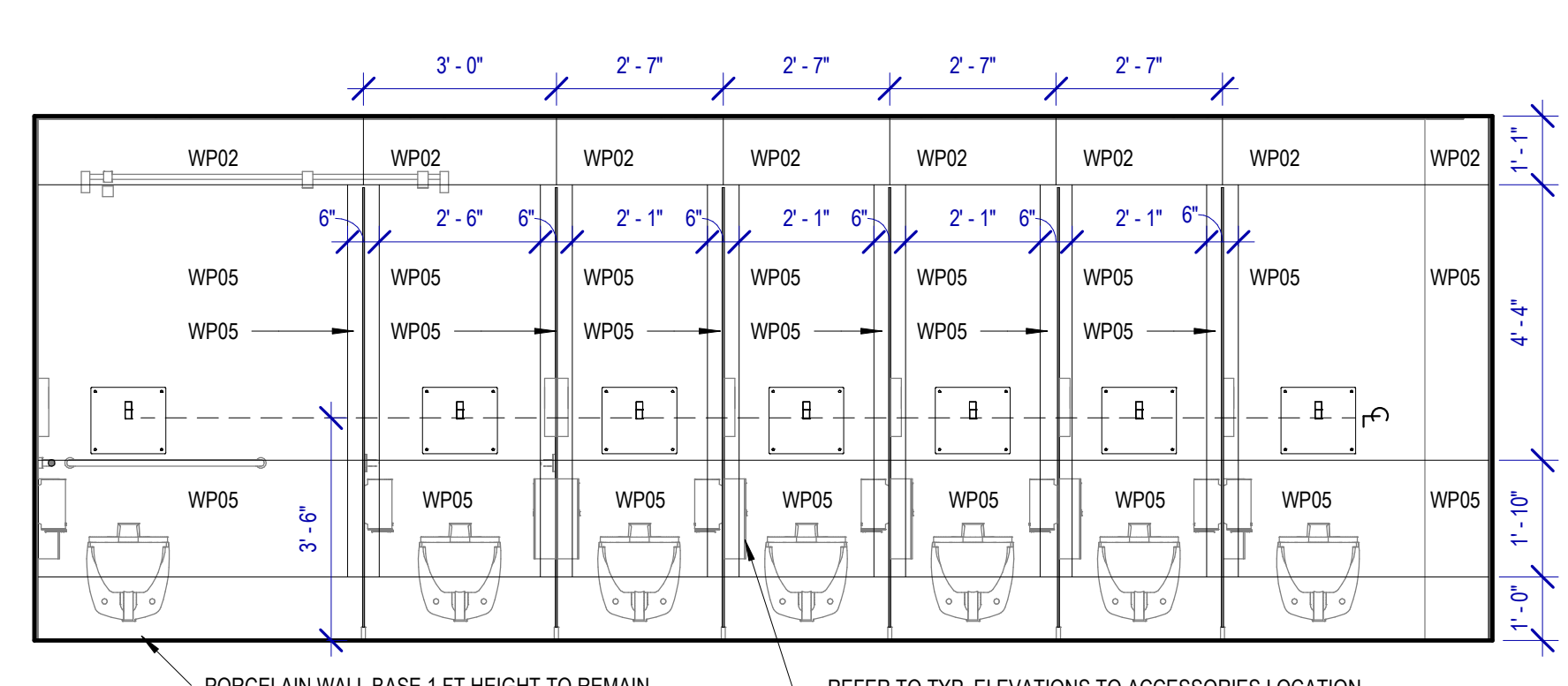
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILSTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP N WASH SNW-SS 975B

PLUMBING FIXTURES

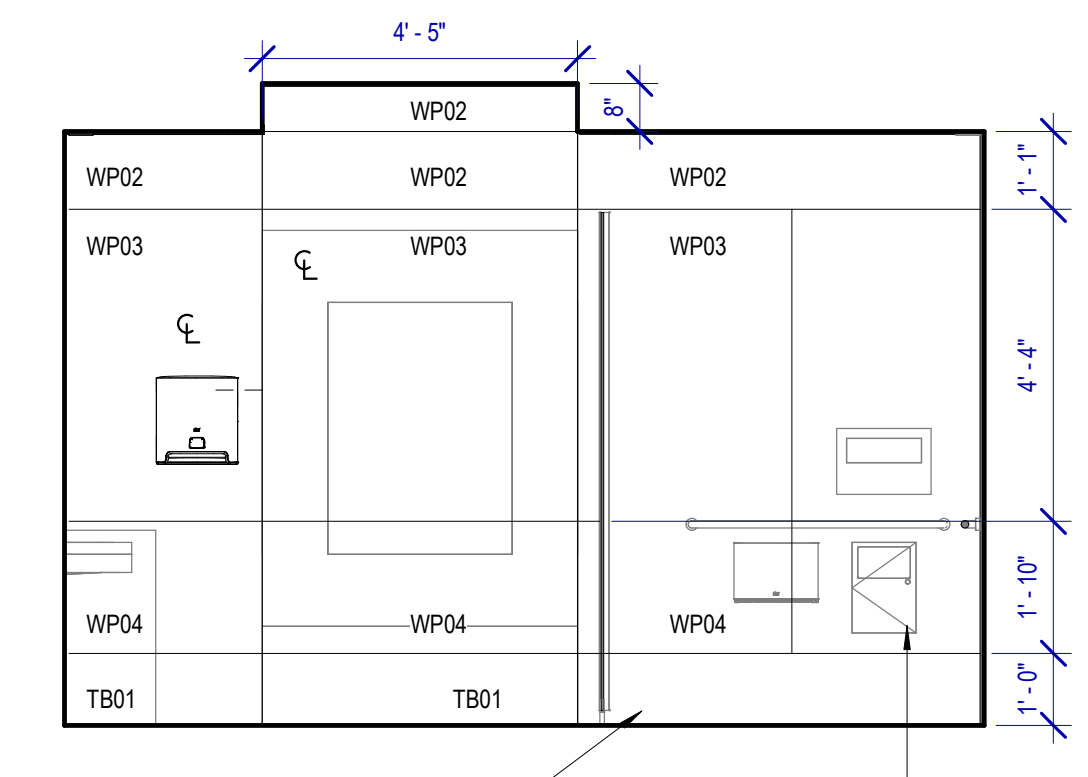
- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

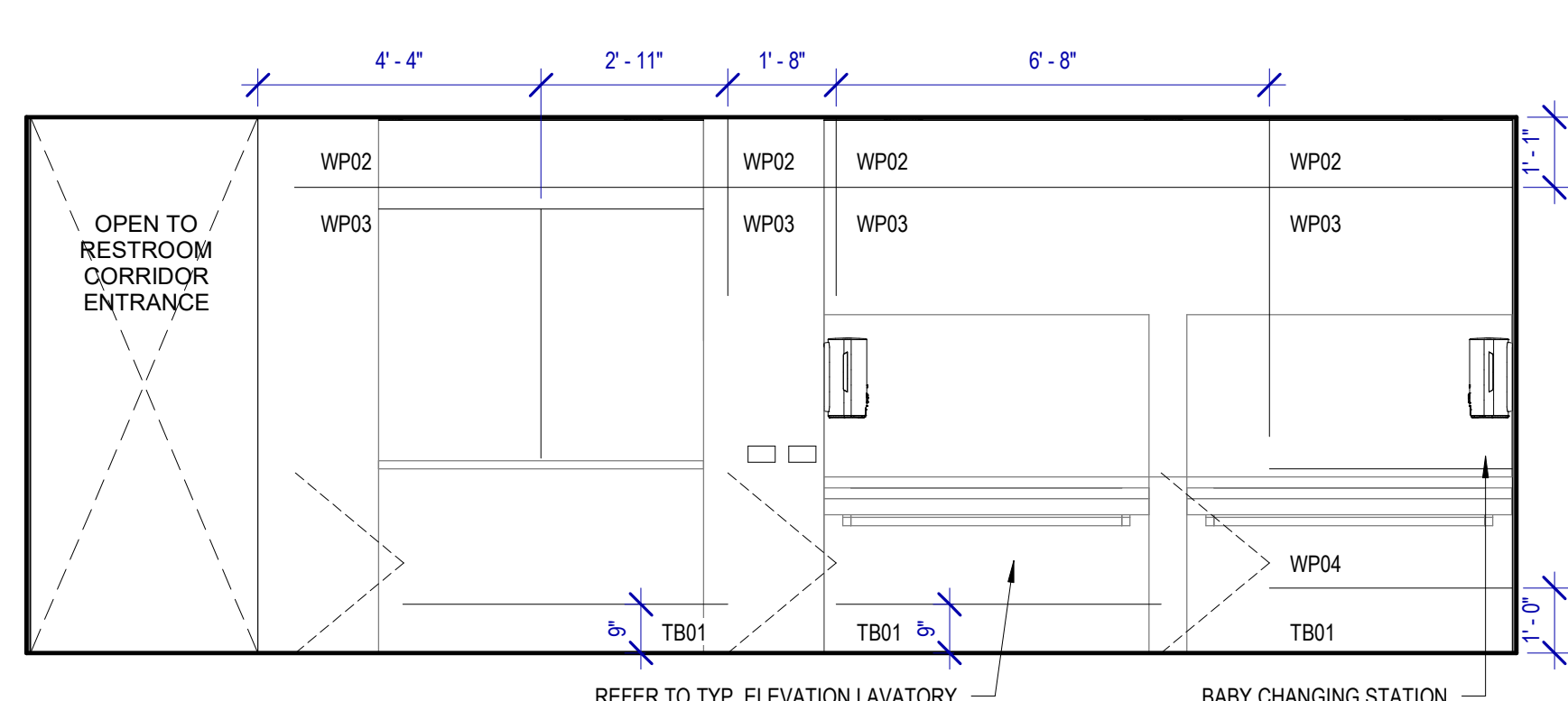
- REFER TO SHEET A600 FOR FINISH LEGEND.
- AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
- AT MENS ADA RESTROOMS: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL, TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
- ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
- PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
- REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
- INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
- INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.



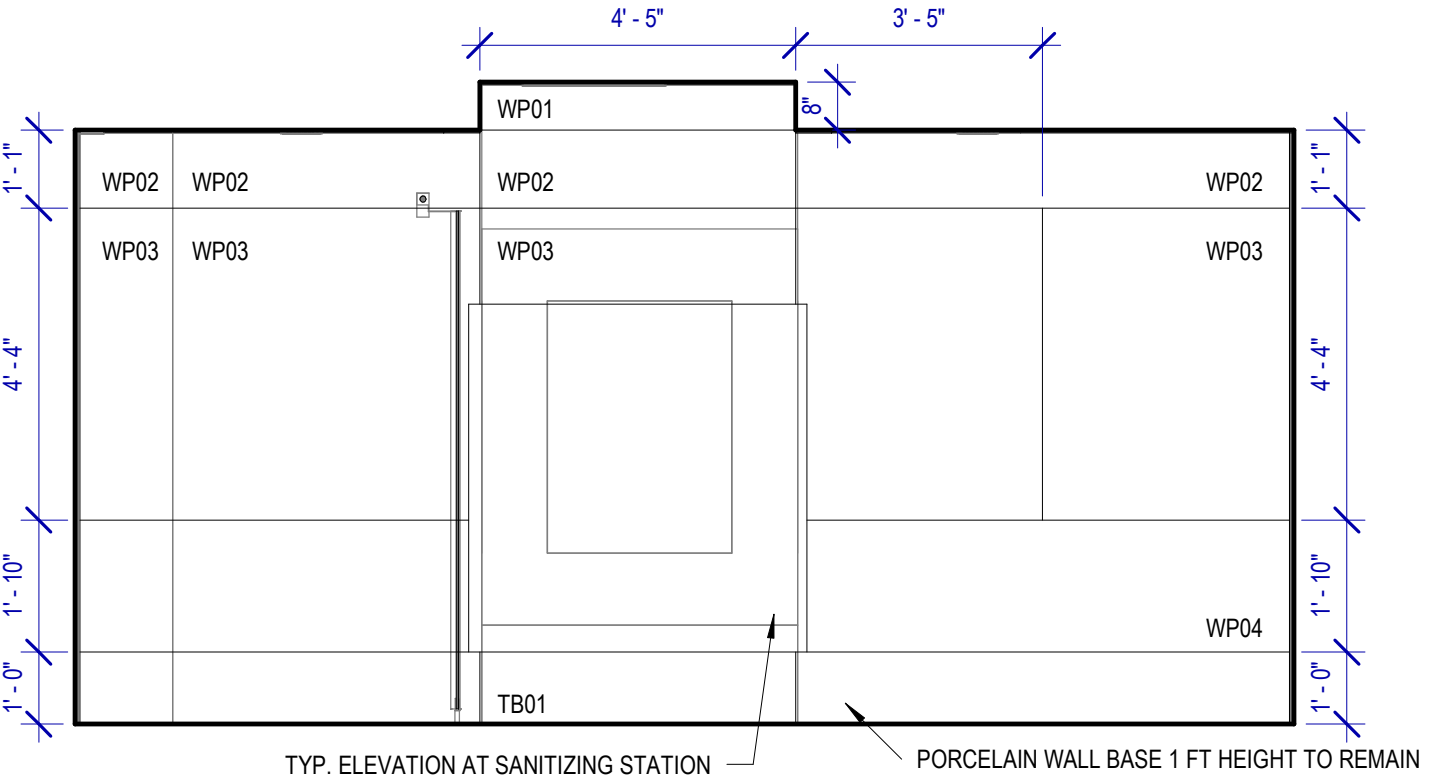
A4 WOMEN'S RESTROOM GATE D12 - A
SCALE: 3/8" = 1'-0"



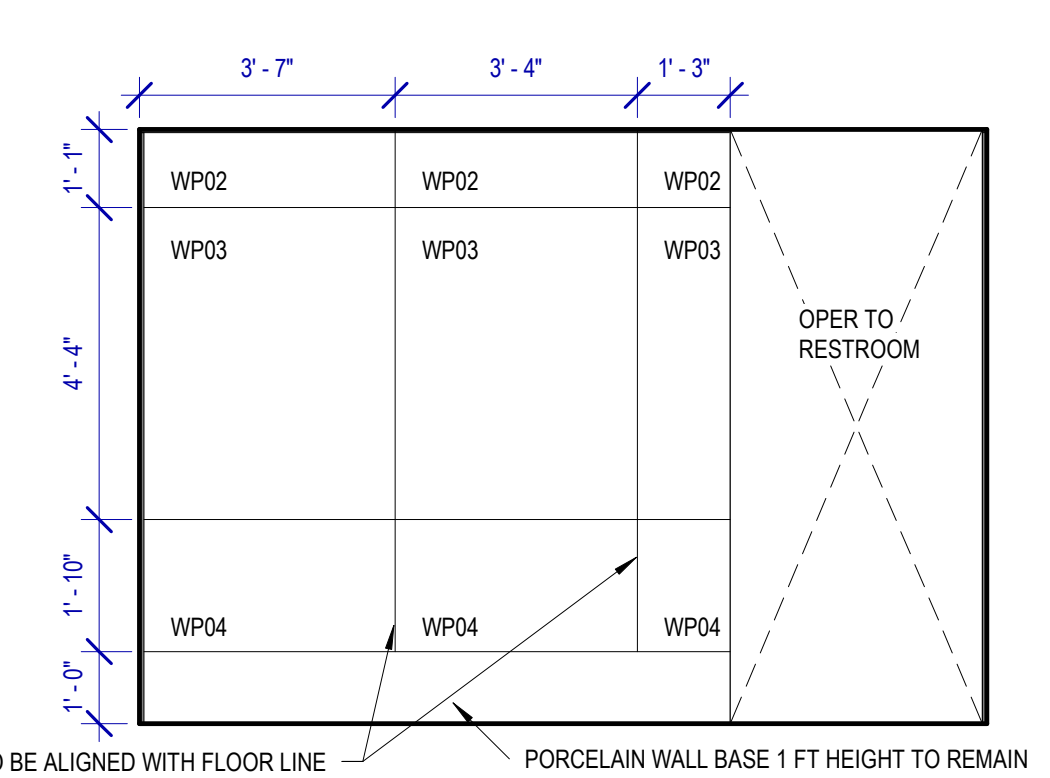
B4 WOMEN'S RESTROOM GATE D12 - B
SCALE: 3/8" = 1'-0"



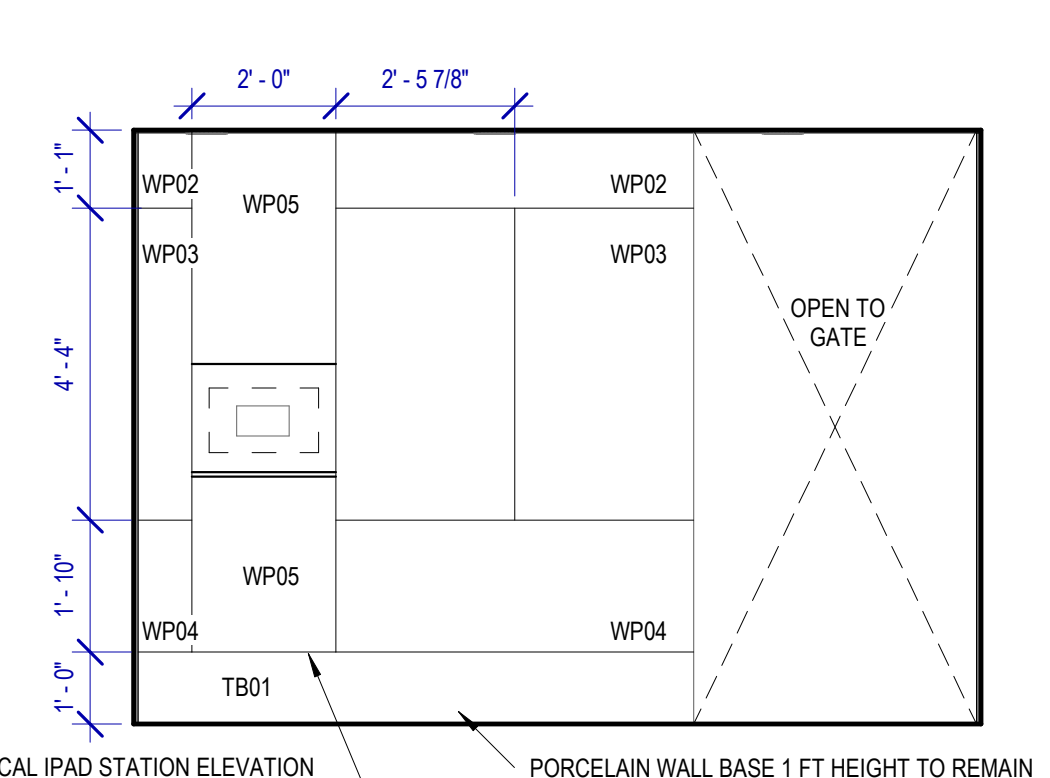
C4 WOMEN'S RESTROOM GATE D12 - C
SCALE: 3/8" = 1'-0"



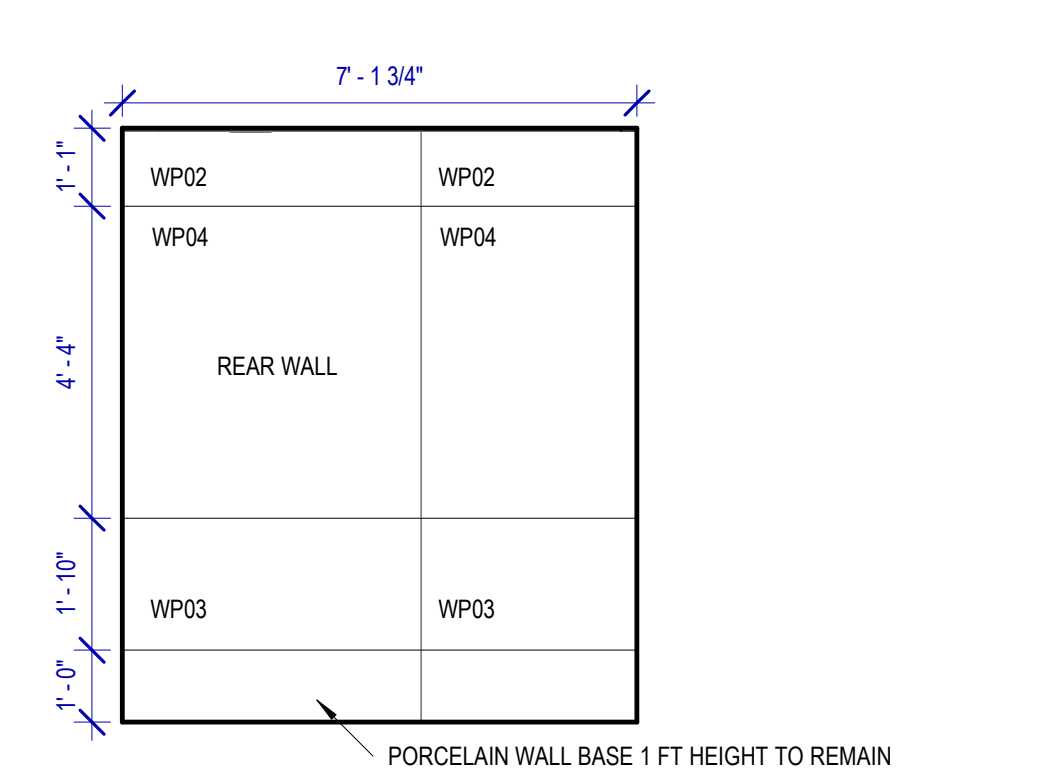
A3 WOMEN'S RESTROOM GATE D12 - D
SCALE: 3/8" = 1'-0"



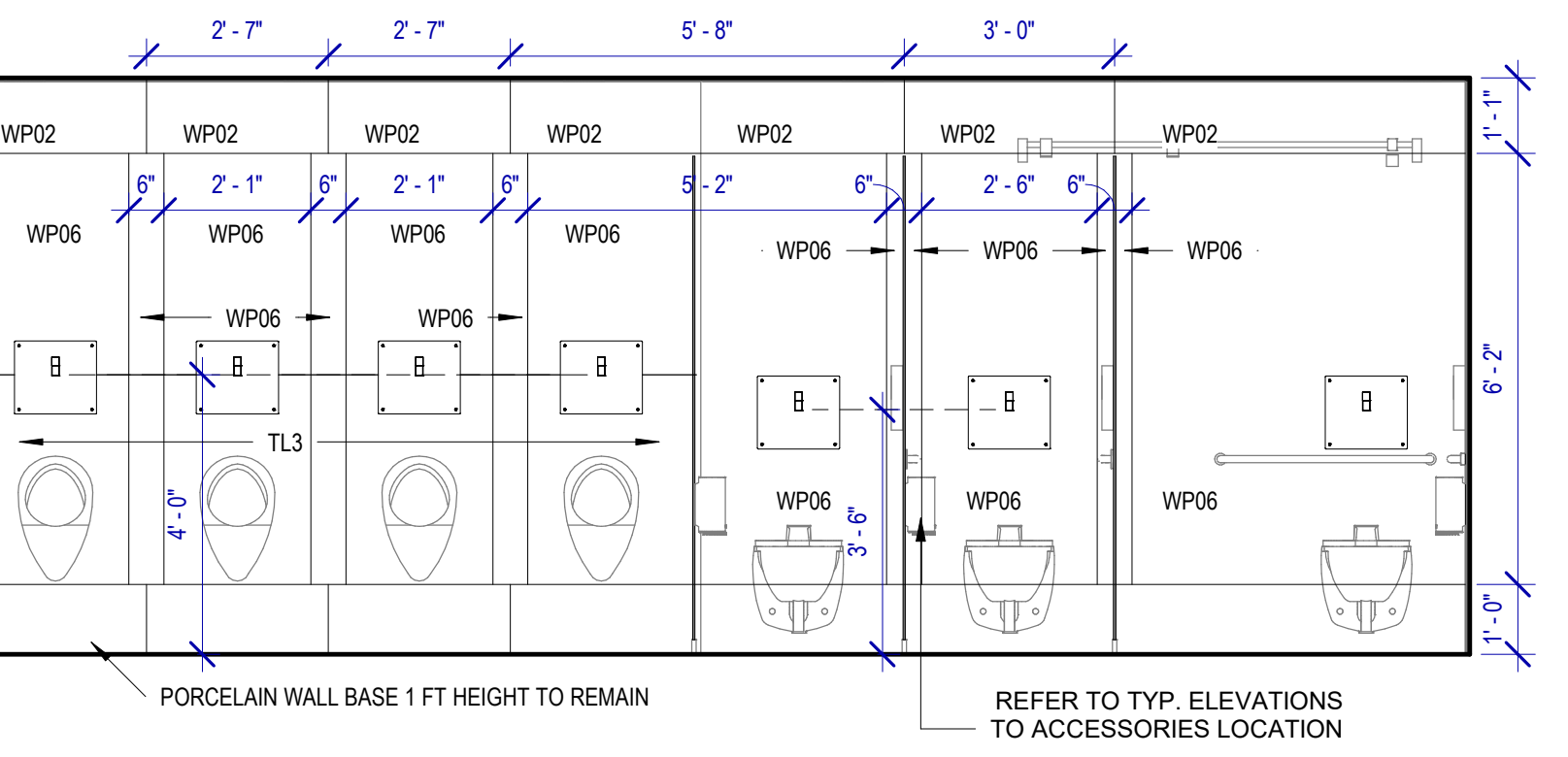
B3 WOMEN'S RESTROOM GATE D12 - E
SCALE: 3/8" = 1'-0"



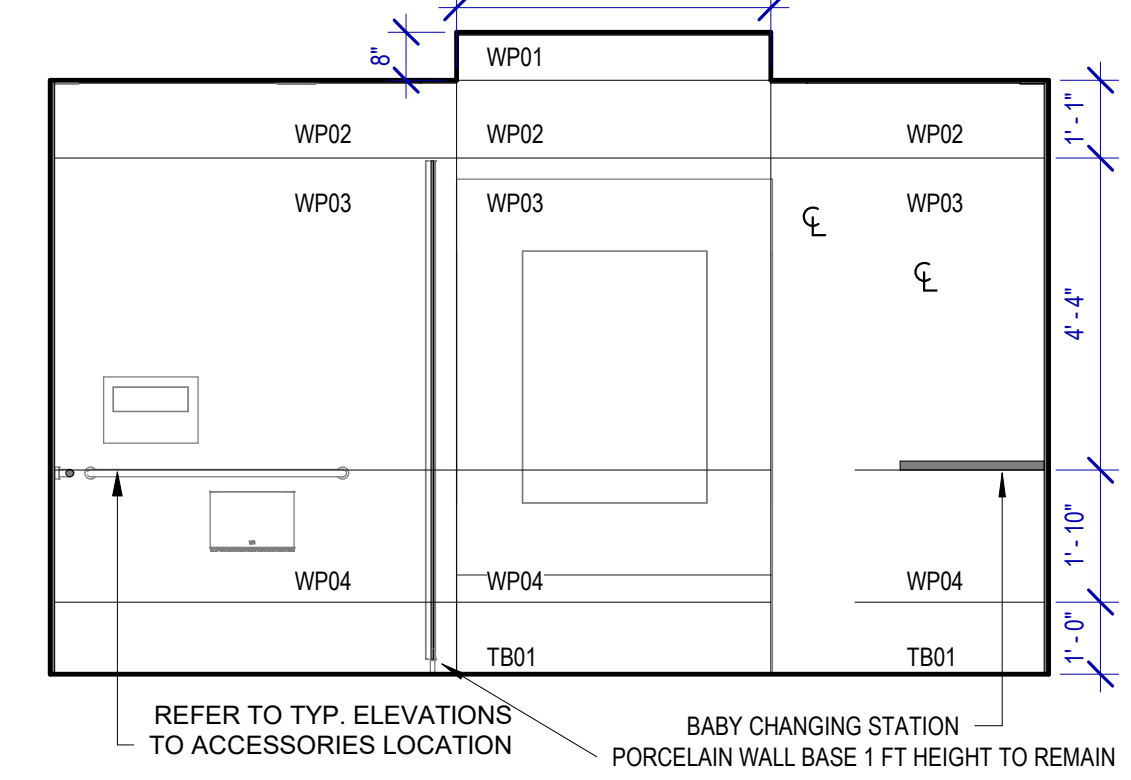
C3 WOMEN'S RESTROOM GATE D12 - F
SCALE: 3/8" = 1'-0"



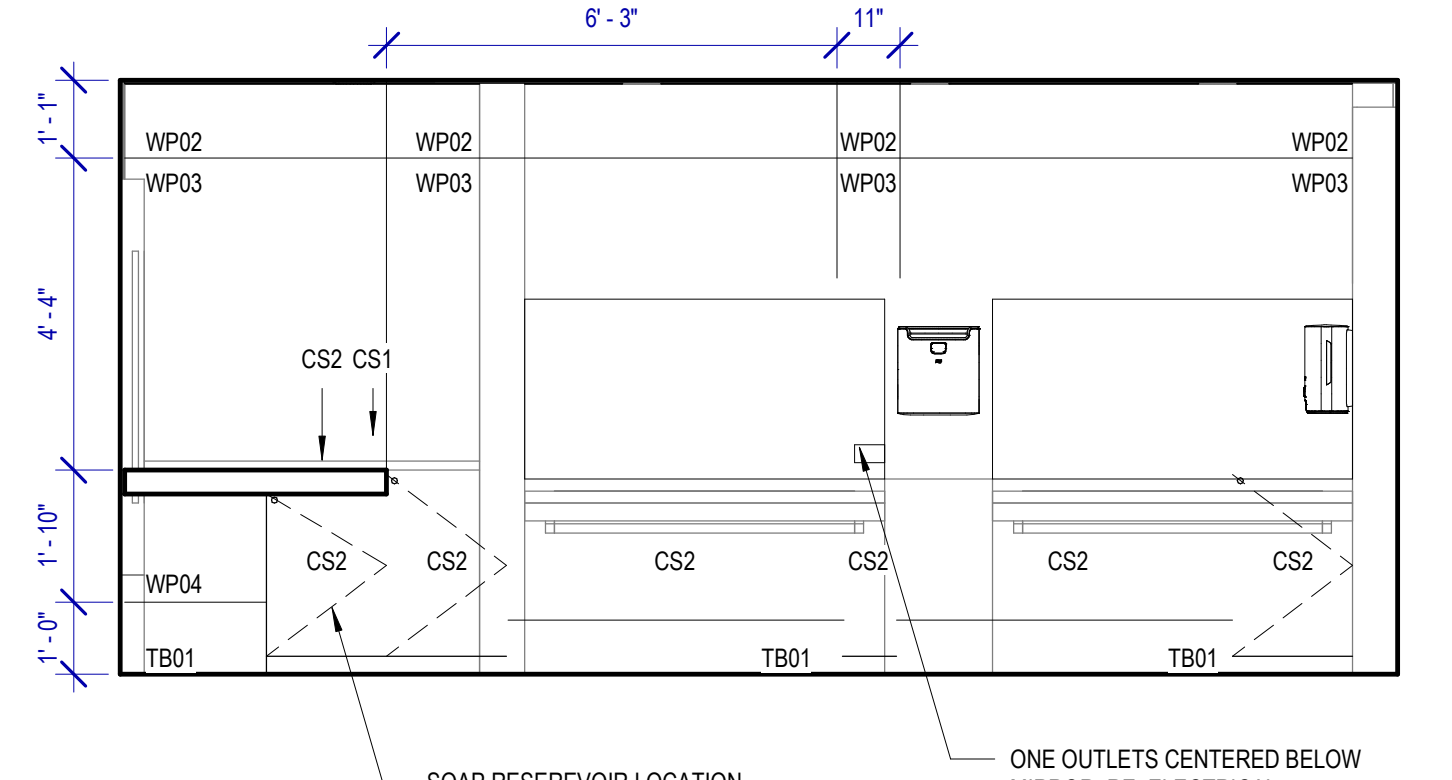
D3 WOMEN'S RESTROOM GATE D12 - G
SCALE: 3/8" = 1'-0"



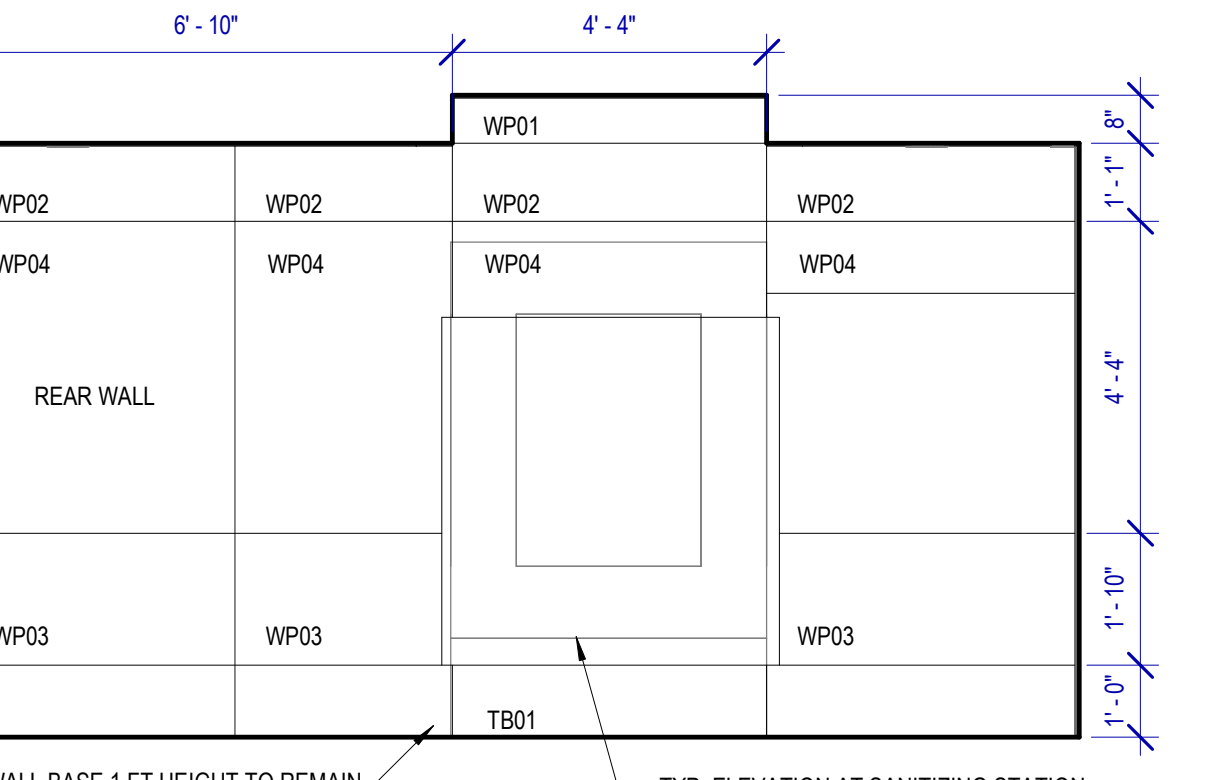
A2 MEN'S RESTROOM GATE D12 - A
SCALE: 3/8" = 1'-0"



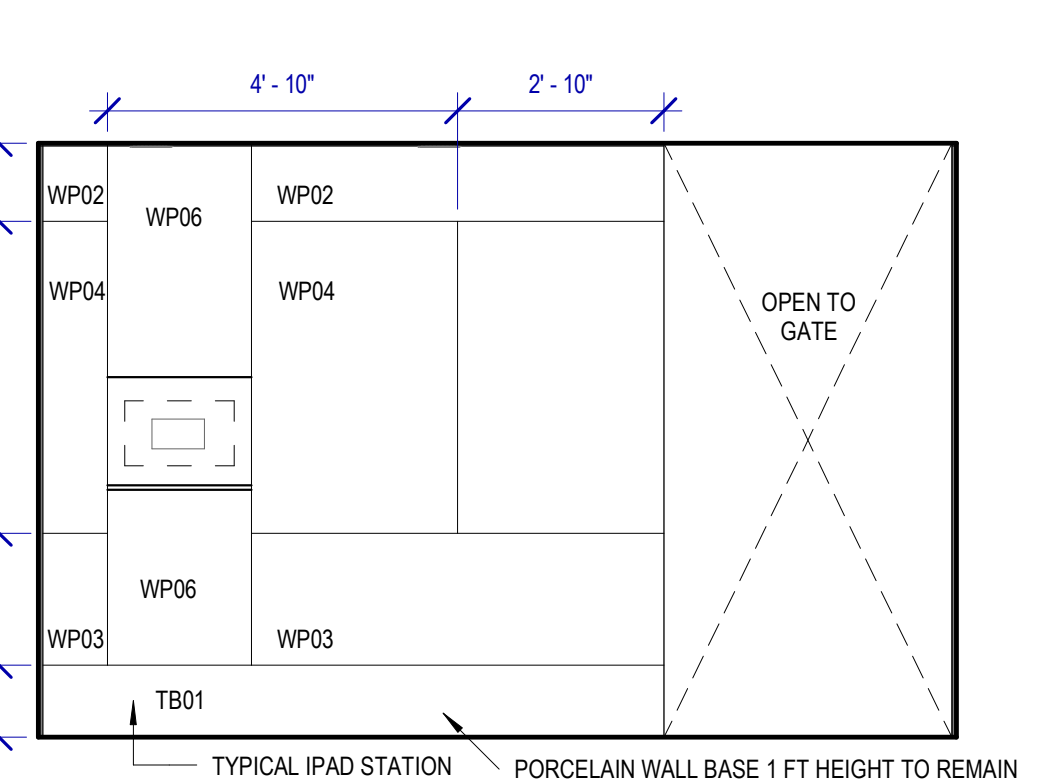
B2 MEN'S RESTROOM GATE D12 - B
SCALE: 3/8" = 1'-0"



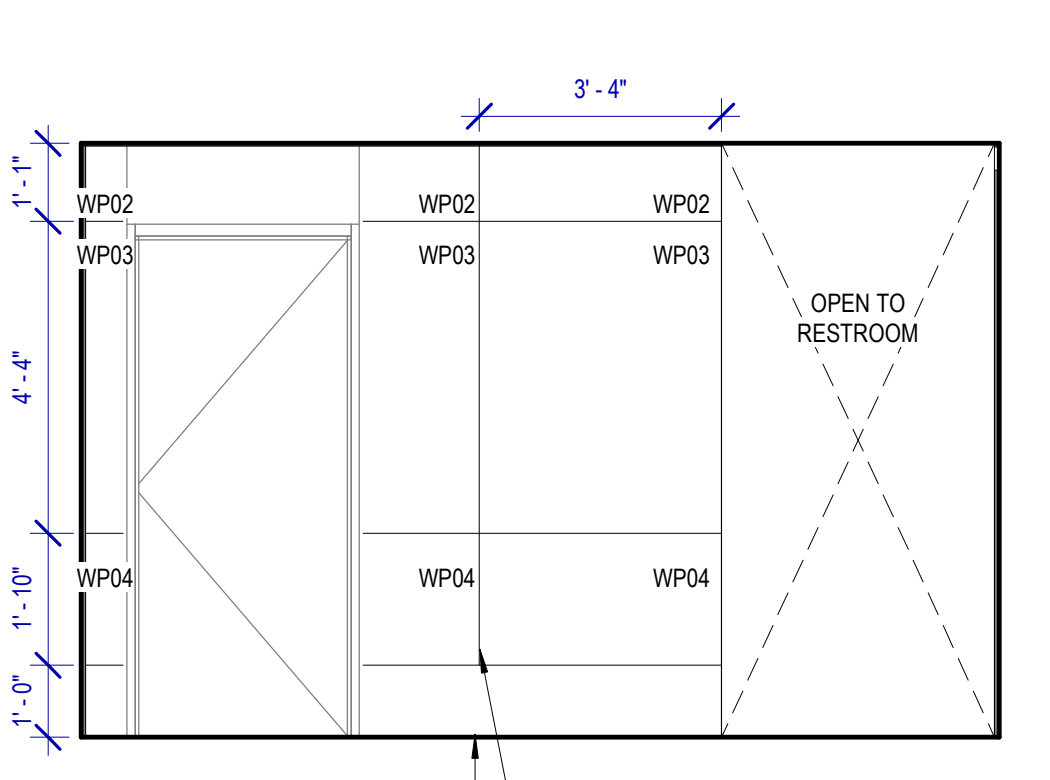
C2 MEN'S RESTROOM GATE D12 - C
SCALE: 3/8" = 1'-0"



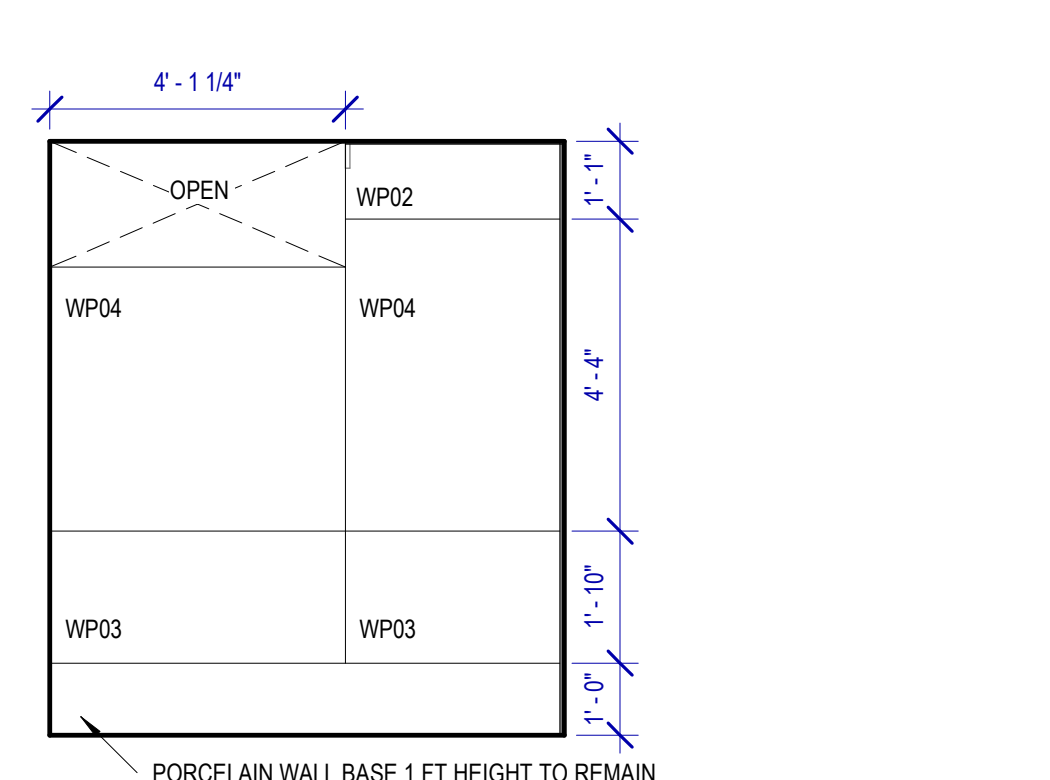
A1 MEN'S RESTROOM GATE D12 - D
SCALE: 3/8" = 1'-0"



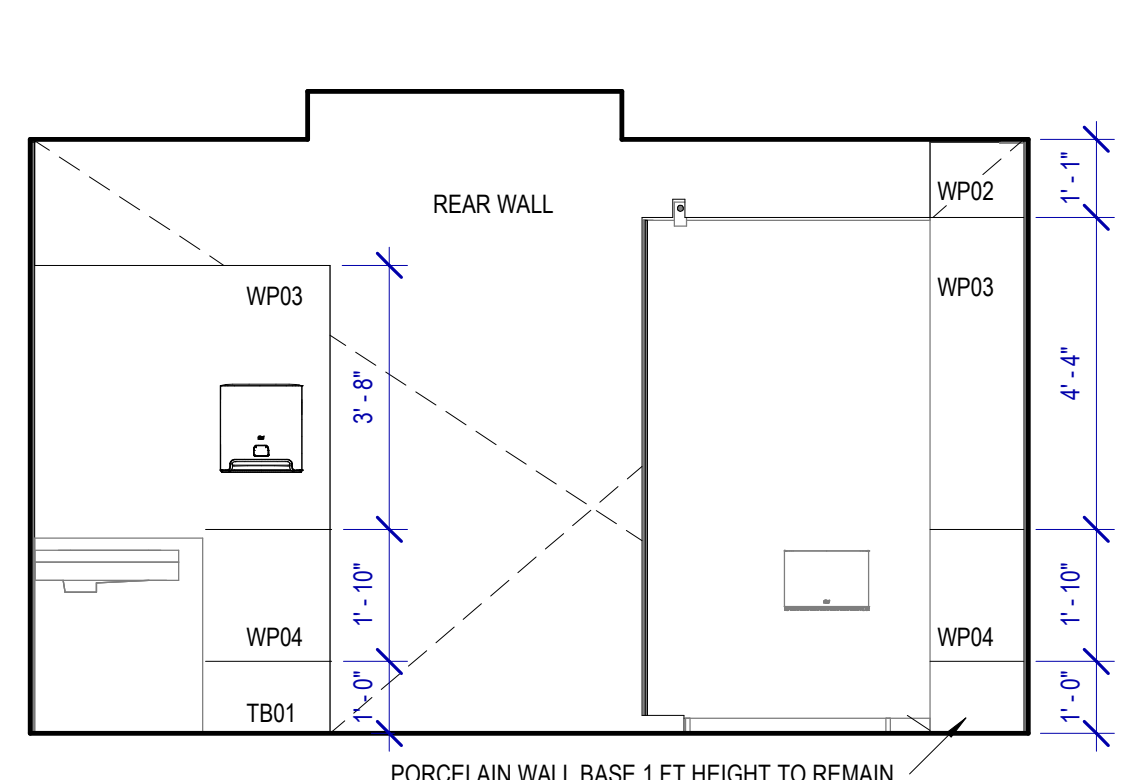
B1 MEN'S RESTROOM GATE D12 - E
SCALE: 3/8" = 1'-0"



C1 MEN'S RESTROOM GATE D12 - F
SCALE: 3/8" = 1'-0"



D1 MEN'S RESTROOM GATE D12 - G
SCALE: 3/8" = 1'-0"



E1 MEN'S RESTROOM GATE D12 - H
SCALE: 3/8" = 1'-0"

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt HAS FILE:

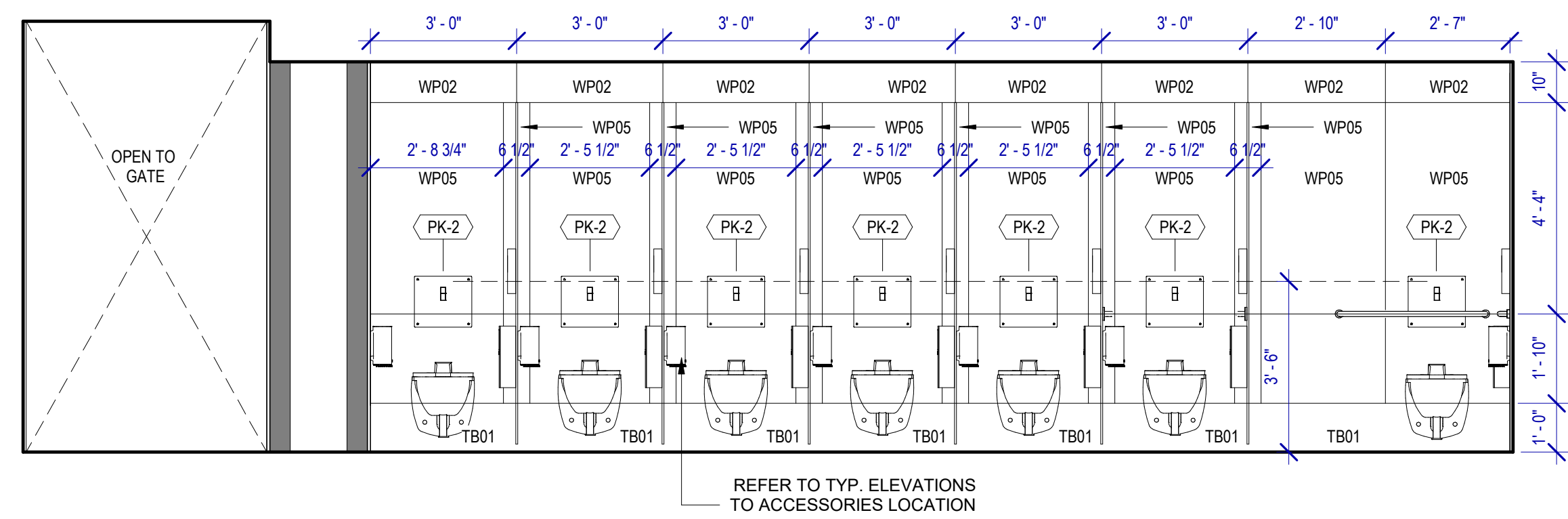
A

B

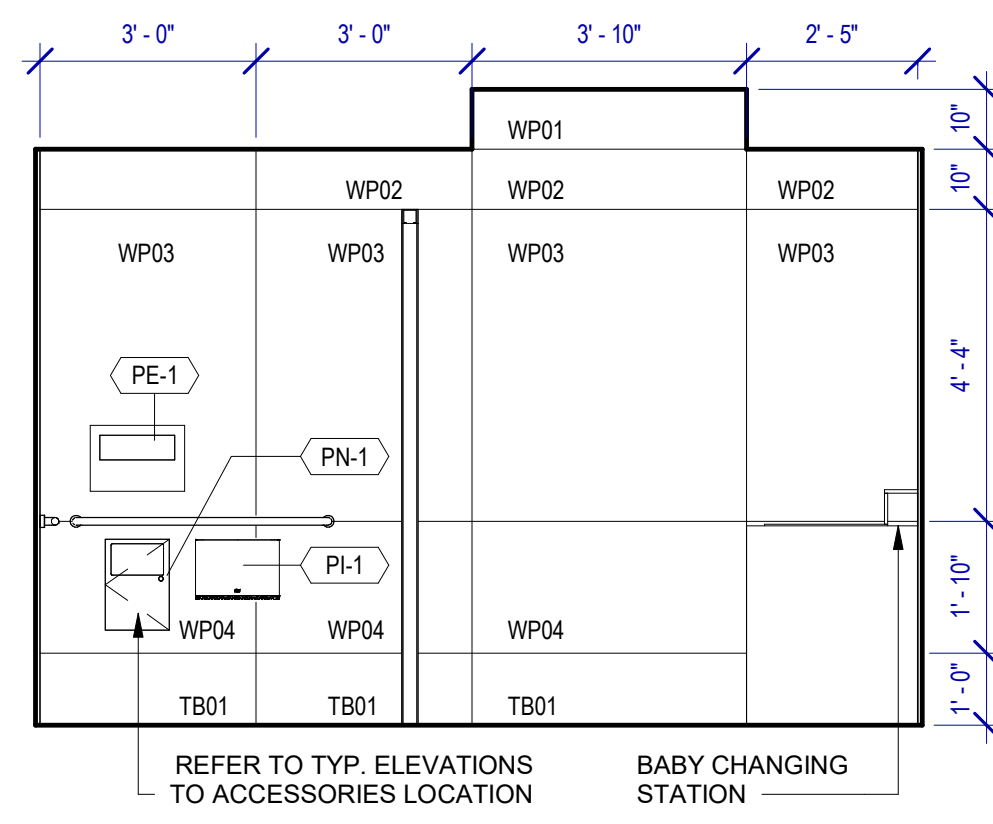
C

D

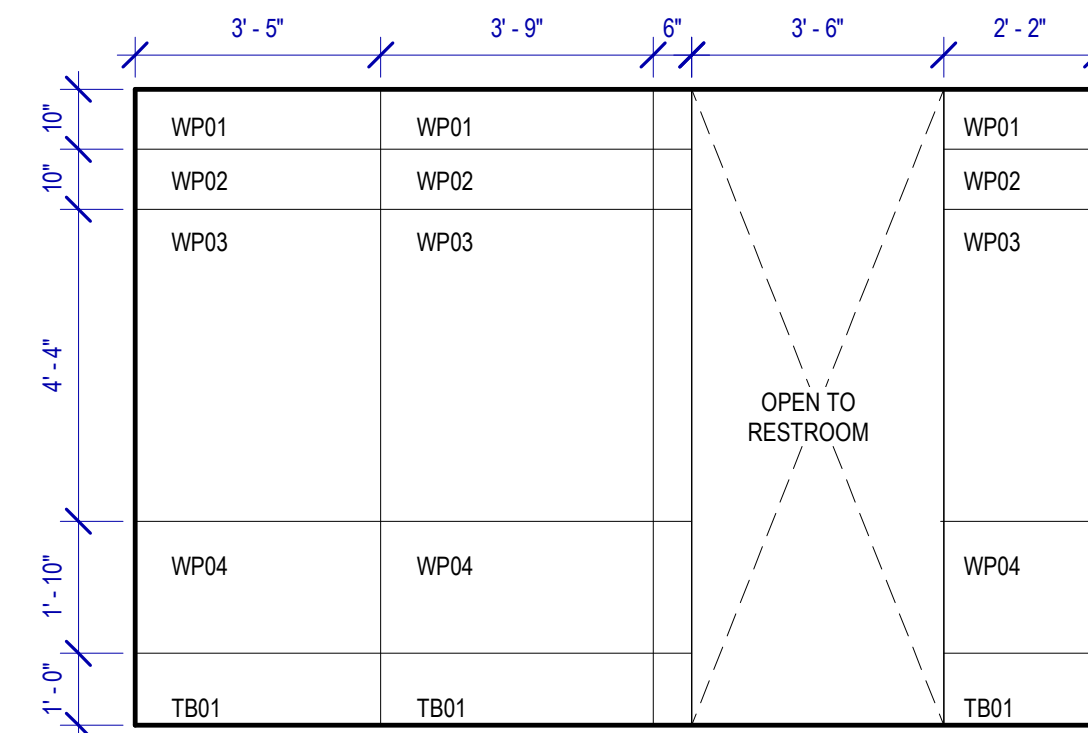
E



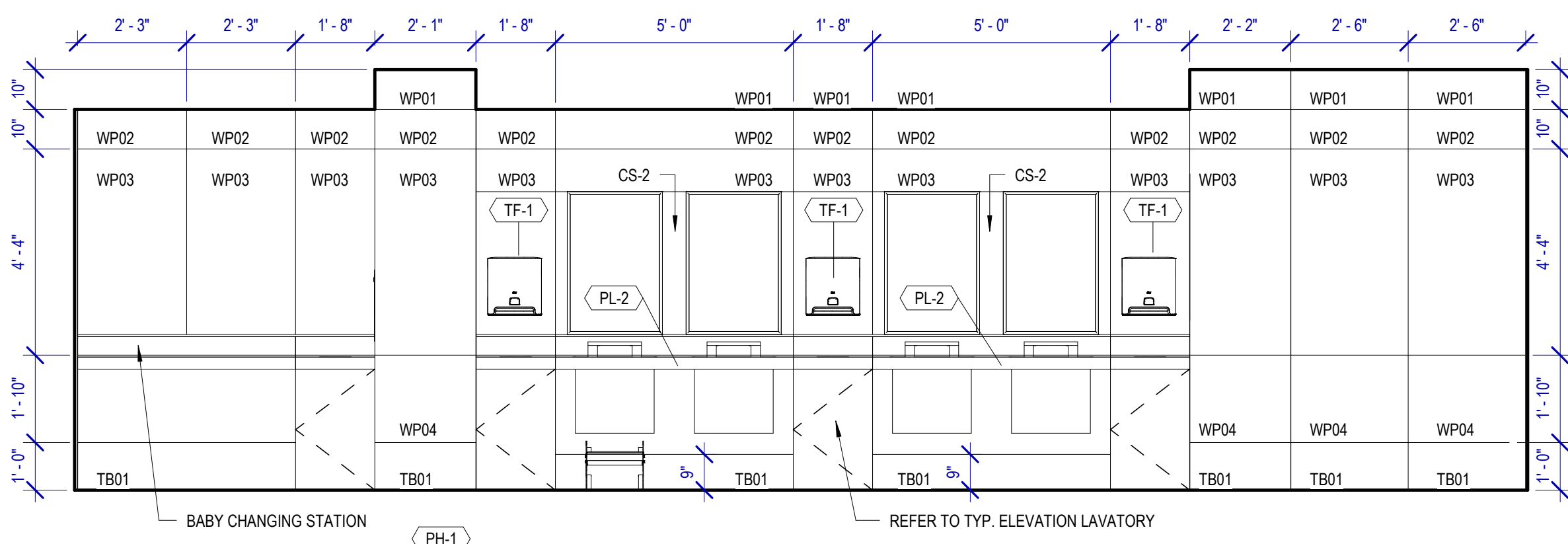
A4 WOMEN'S RESTROOM GATE D09 - A
SCALE: 3/8" = 1'-0"



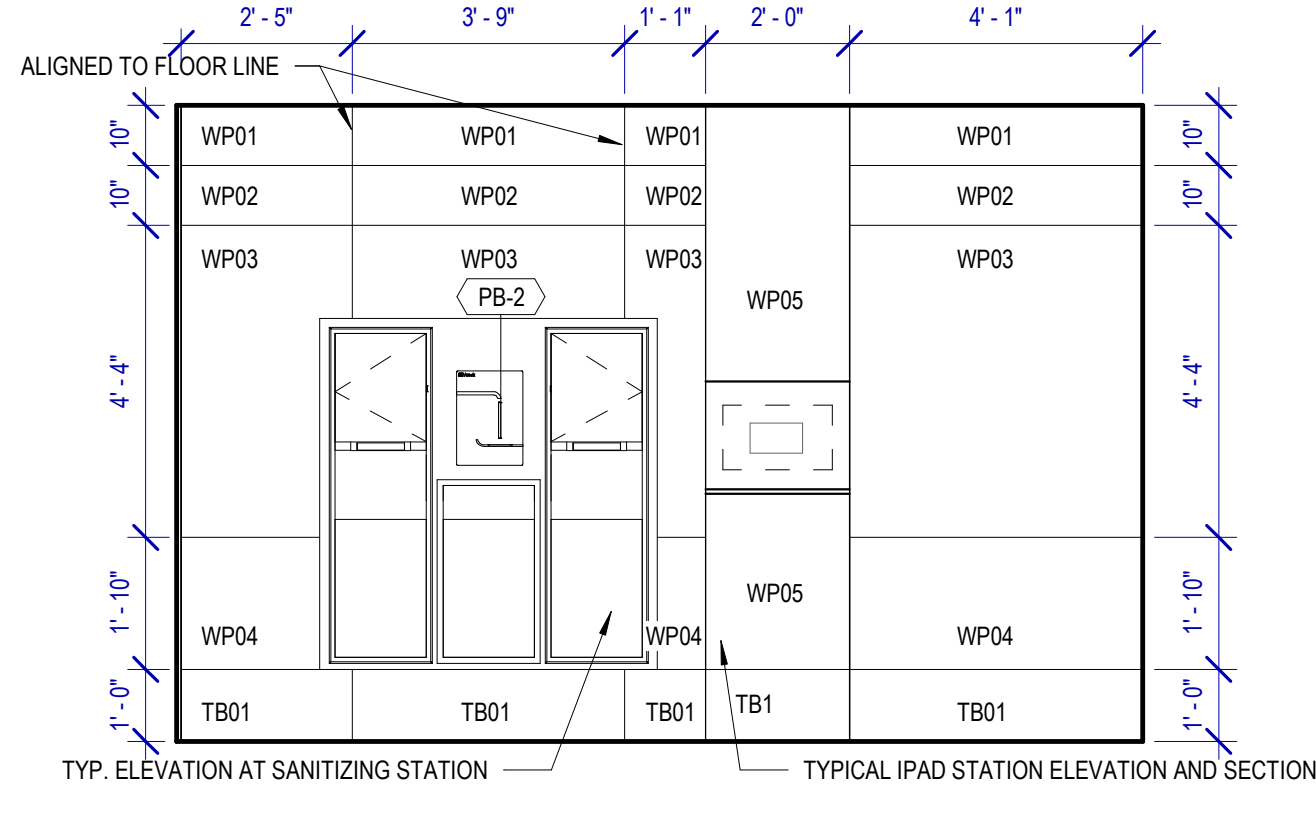
C4 WOMEN'S RESTROOM GATE D09 - B
SCALE: 3/8" = 1'-0"



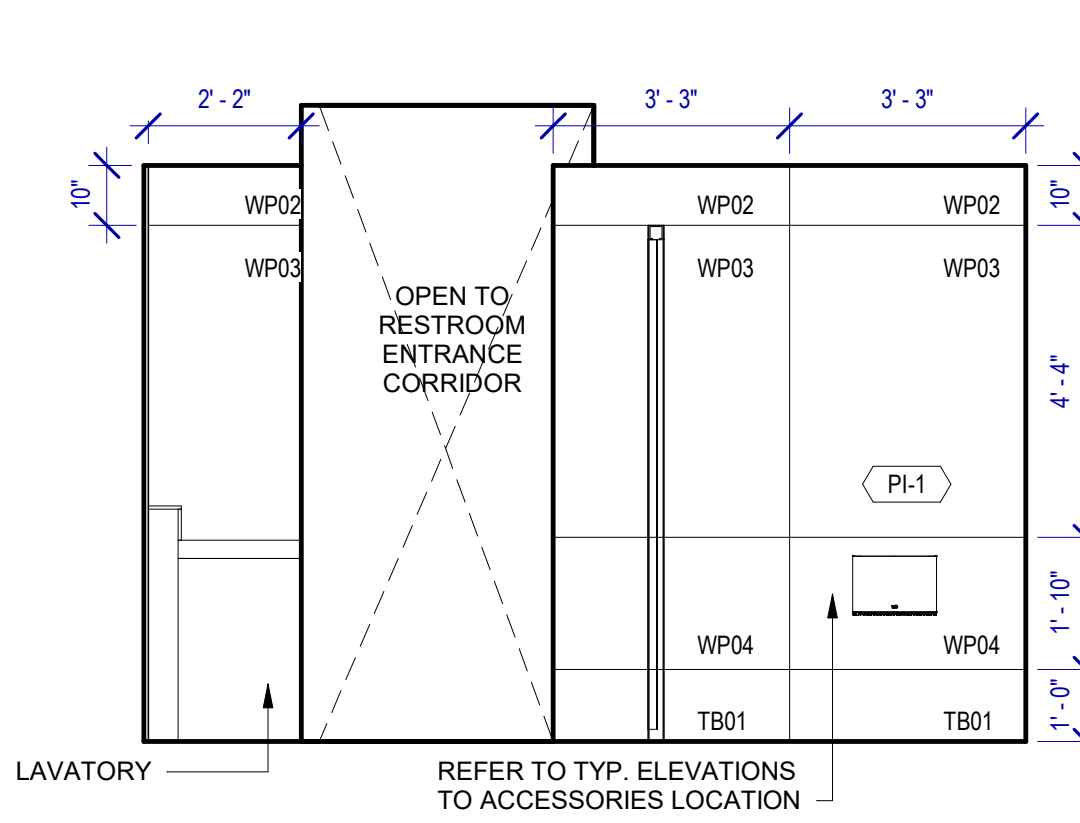
D4 WOMEN'S RESTROOM GATE D09 - C
SCALE: 3/8" = 1'-0"



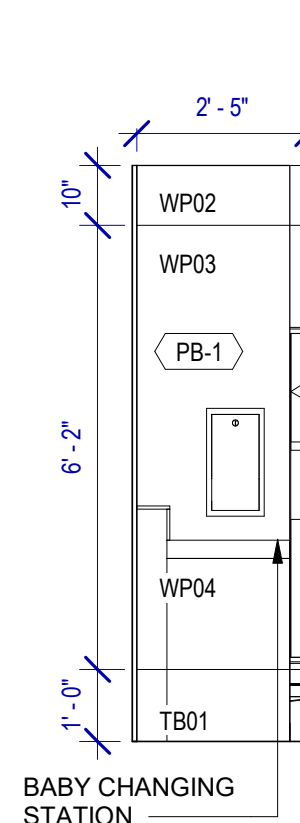
A3 WOMEN'S RESTROOM GATE D09 - D
SCALE: 3/8" = 1'-0"



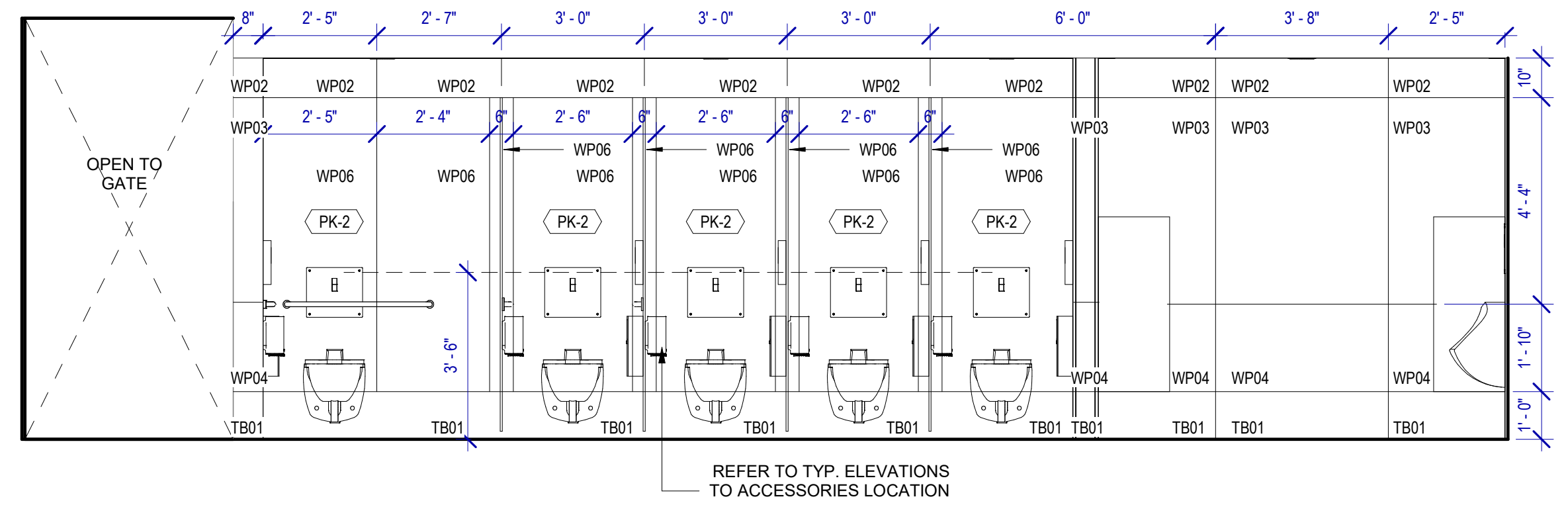
C3 WOMEN'S RESTROOM GATE D09 - E
SCALE: 3/8" = 1'-0"



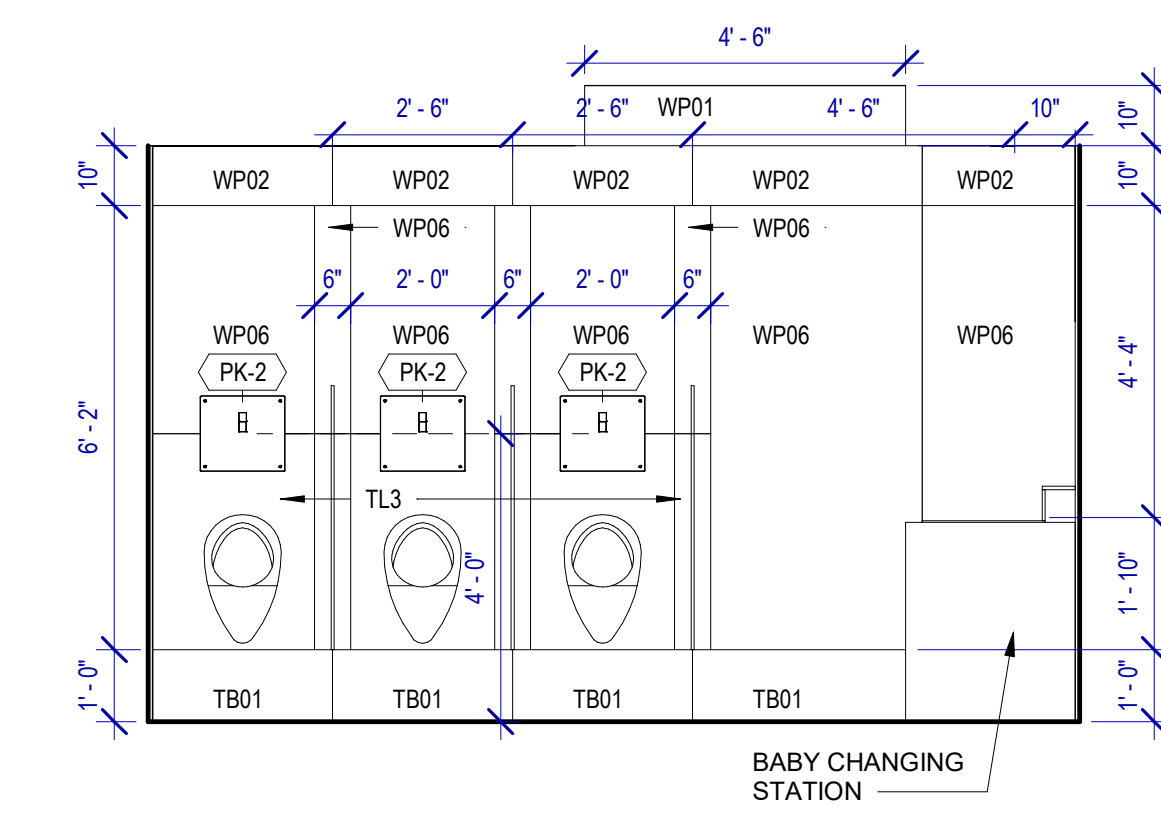
D3 WOMEN'S RESTROOM GATE D09 - F
SCALE: 3/8" = 1'-0"



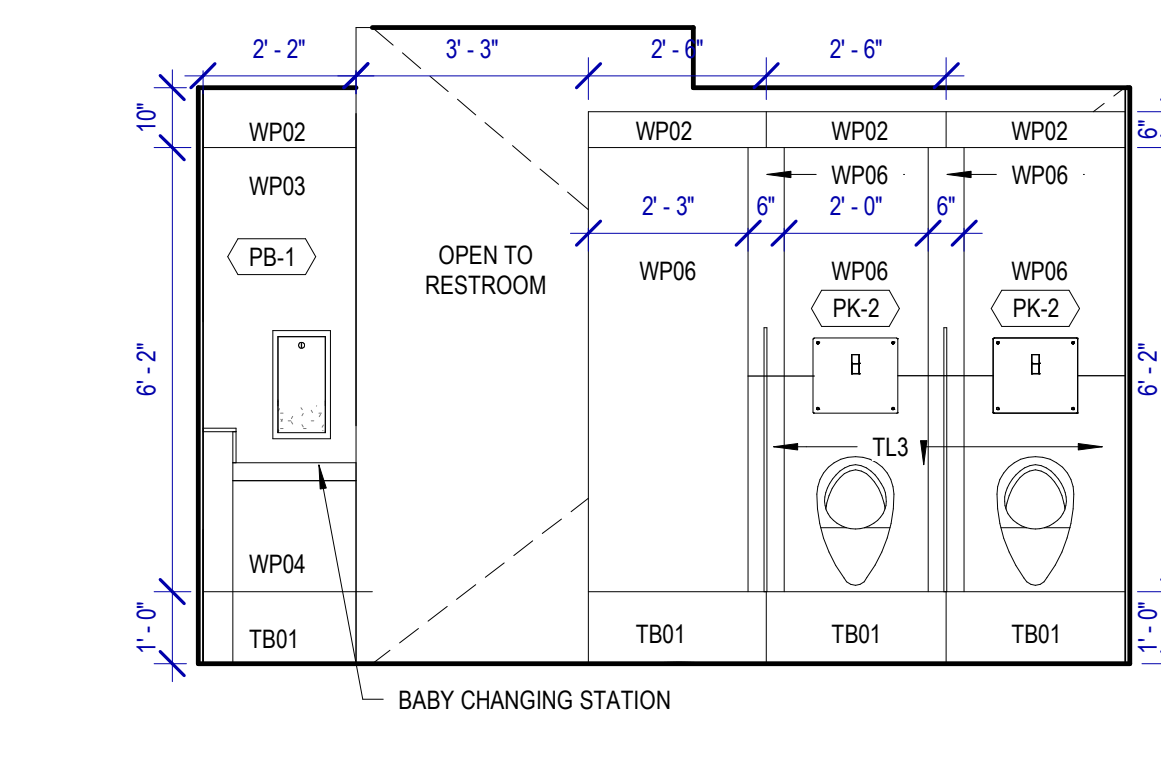
E3 WOMEN'S RESTROOM GATE D09 - G
SCALE: 3/8" = 1'-0"



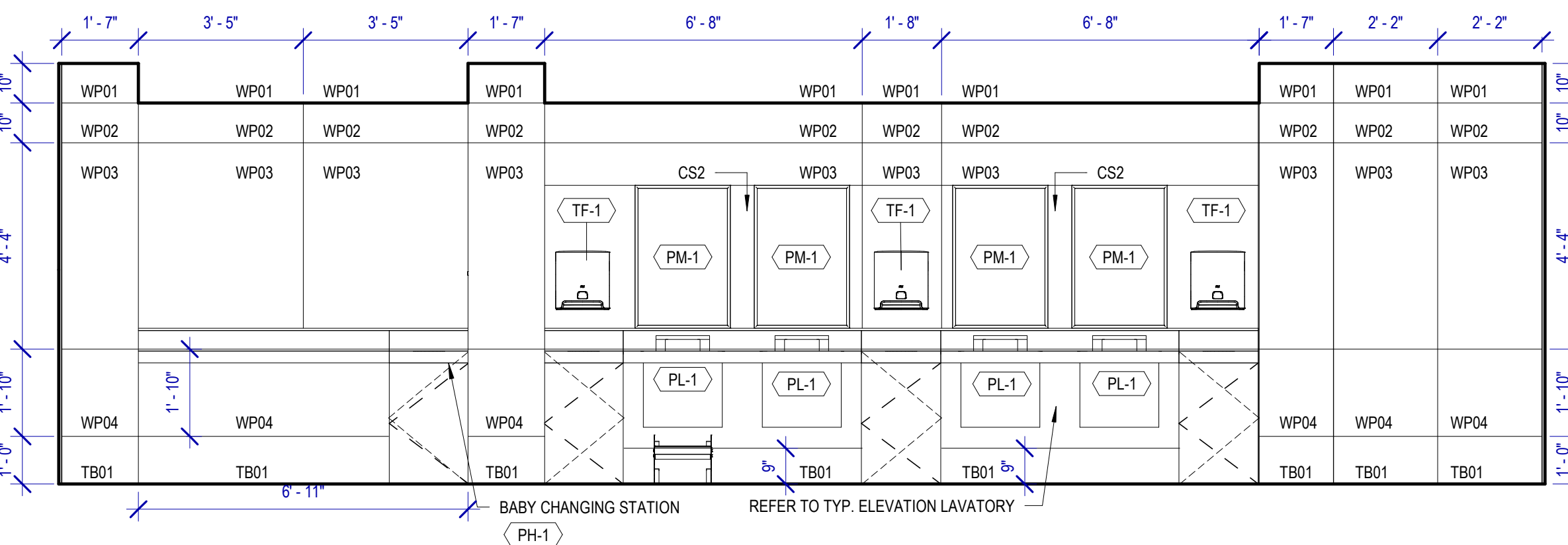
A2 MEN'S RESTROOM GATE D08 - A
SCALE: 3/8" = 1'-0"



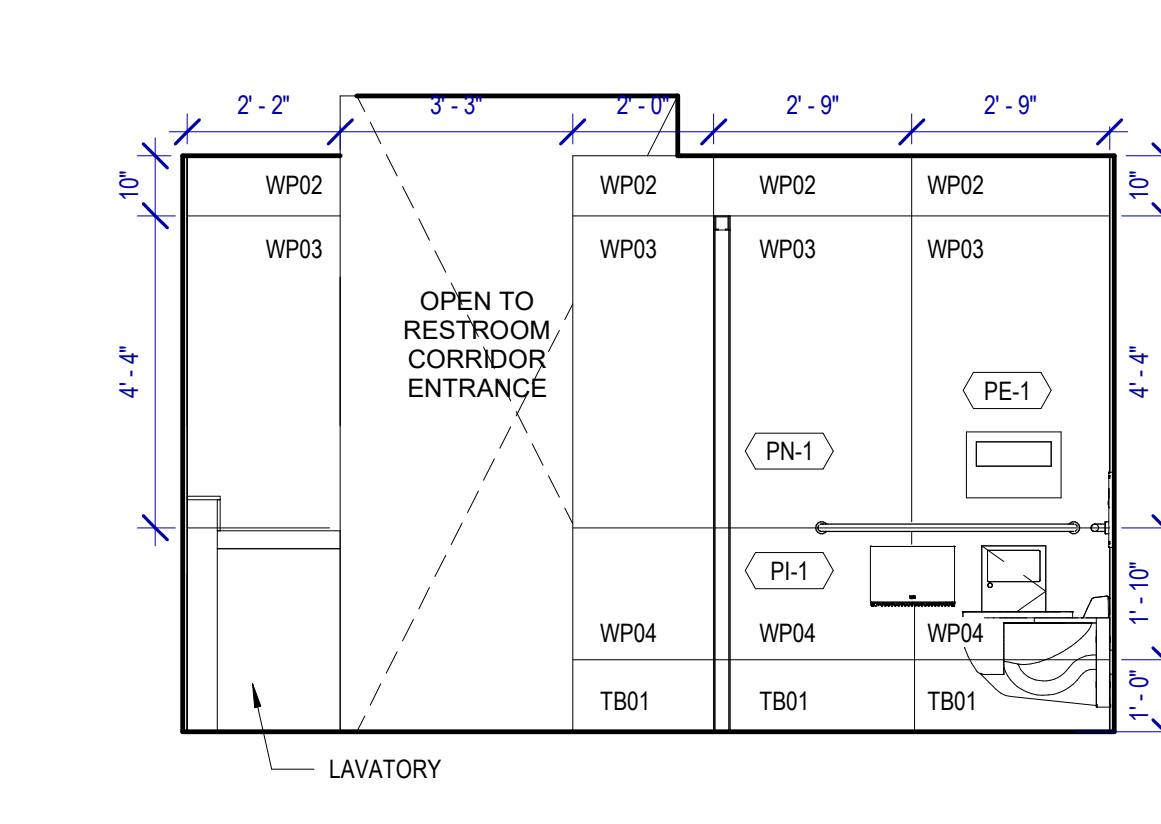
C2 MEN'S RESTROOM GATE D08 - B
SCALE: 3/8" = 1'-0"



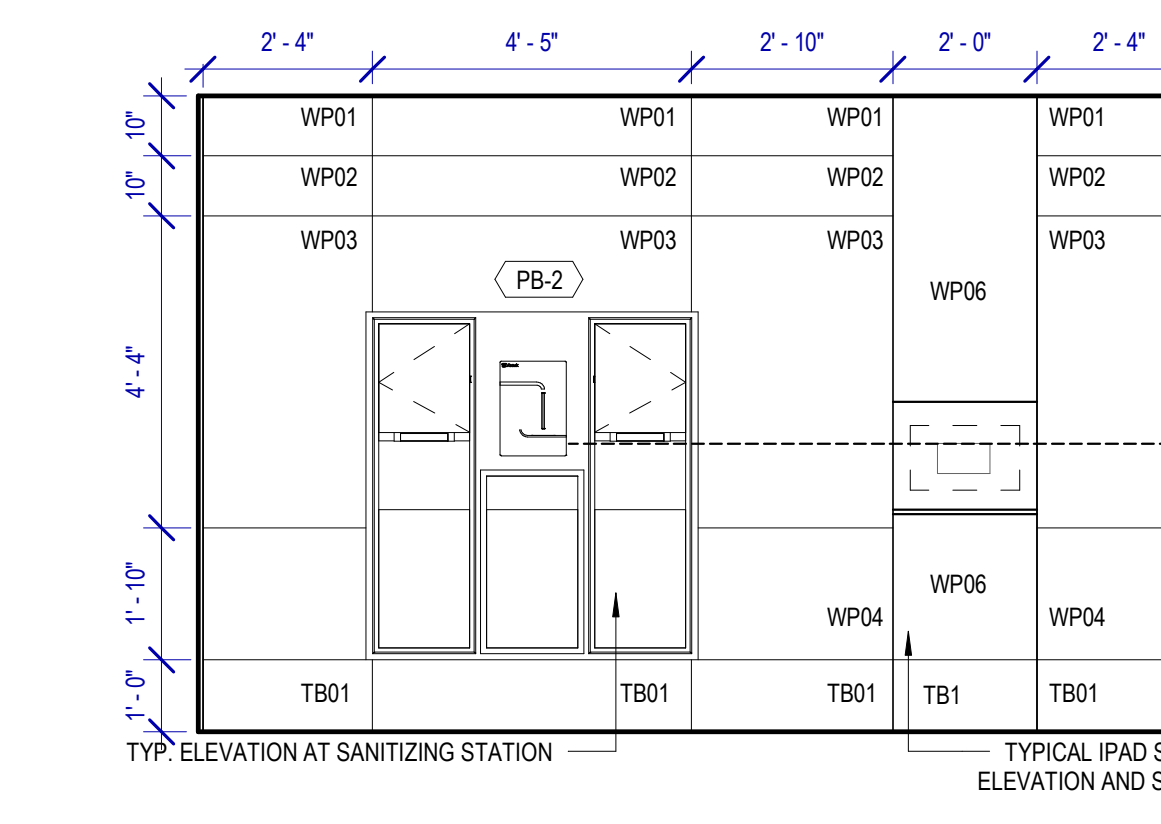
D2 MEN'S RESTROOM GATE D08 - C
SCALE: 3/8" = 1'-0"



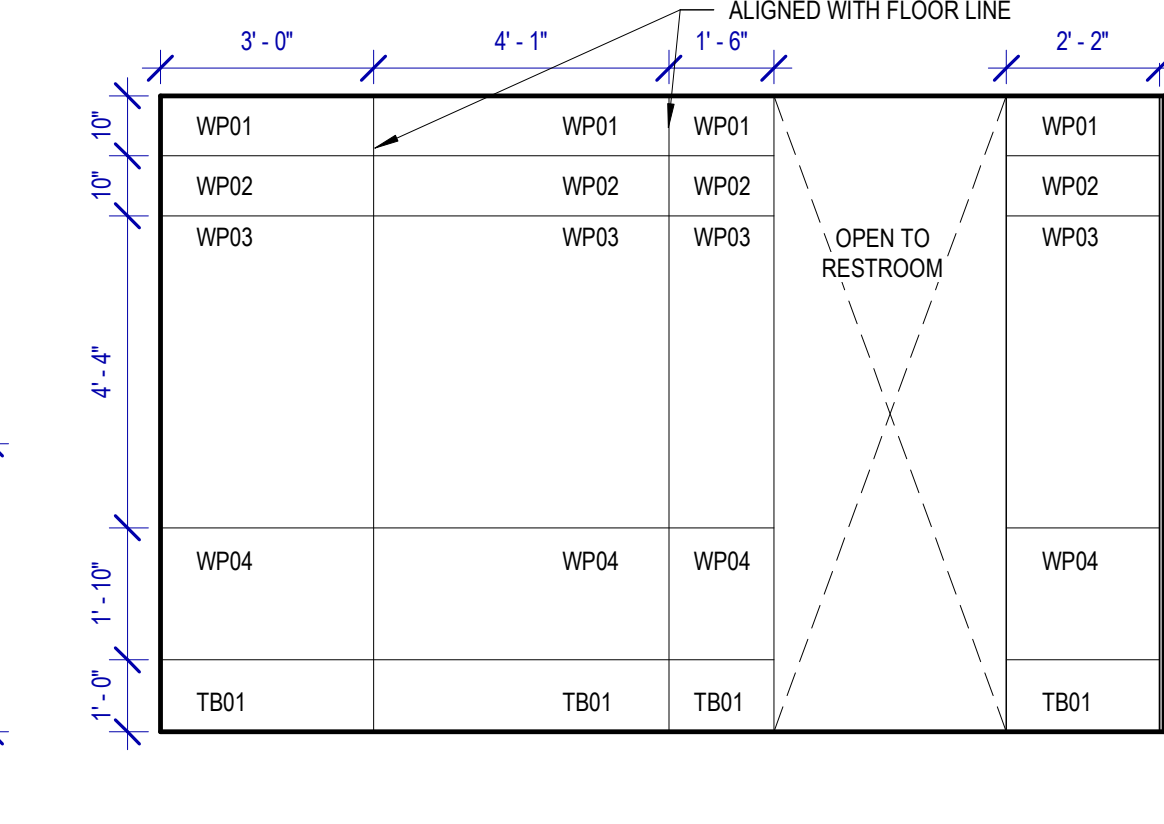
A1 MEN'S RESTROOM GATE D08 - D
SCALE: 3/8" = 1'-0"



C1 MEN'S RESTROOM GATE D08 - E
SCALE: 3/8" = 1'-0"



D1 MEN'S RESTROOM GATE D08 - F
SCALE: 3/8" = 1'-0"



E1 MEN'S RESTROOM GATE D08 - G
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PH-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRISLINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT7786EVG
- PV-1 TOTO WALL MOUNTED URINAL UT104EV
- PU-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET ISSUE DISPENSER AND CLOSEST TO BACK WALL, TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

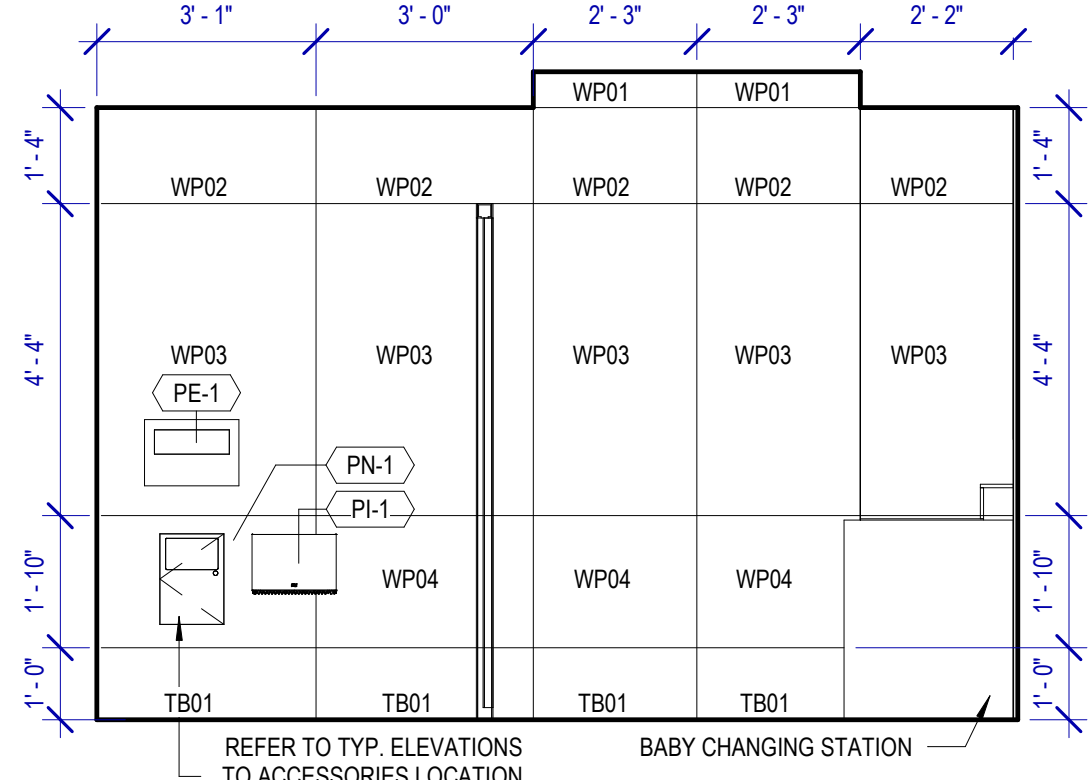
REGISTERED ARCHITECT
DANIEL ORTIZ
STATE OF TEXAS
05.15.24

SHEET NAME:
WOMEN/MEN'S RESTROOM - GATE D08-D09

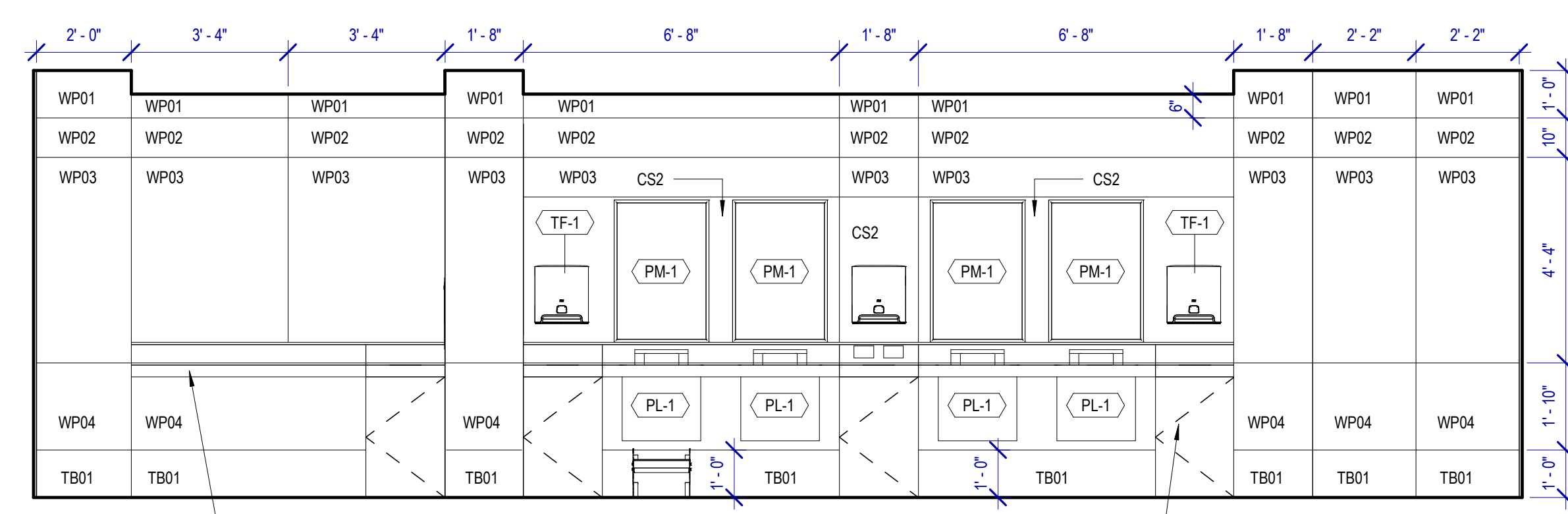
SHEET No. **A-426** SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

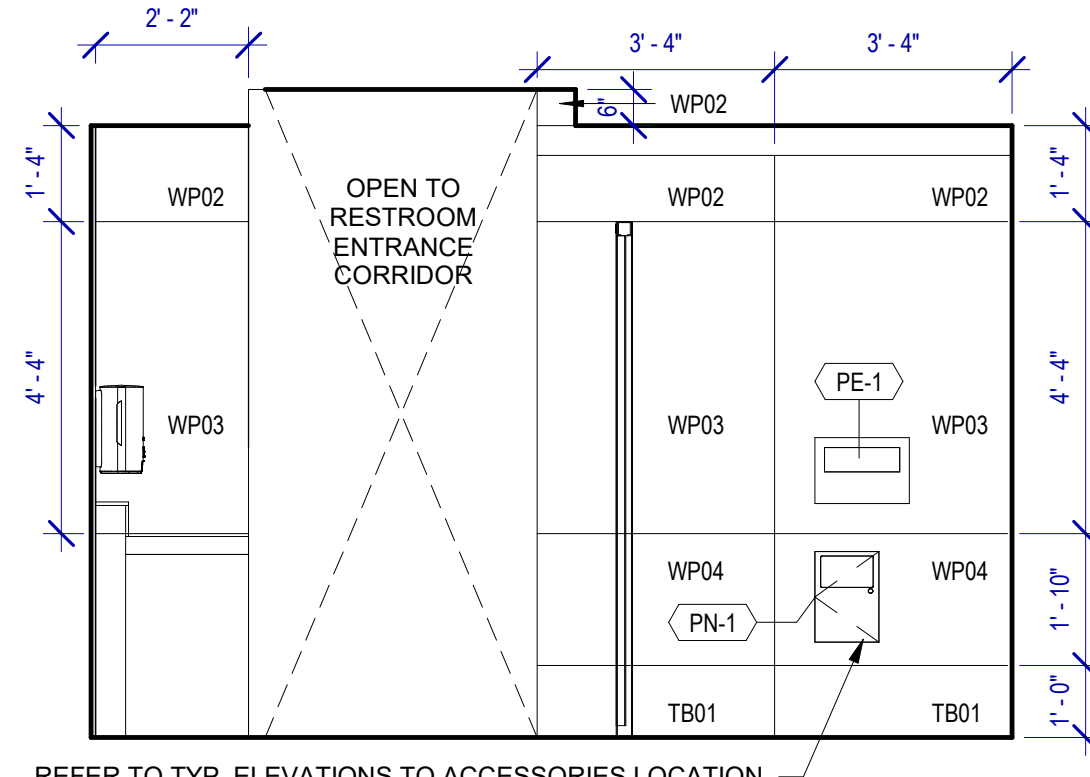
FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:



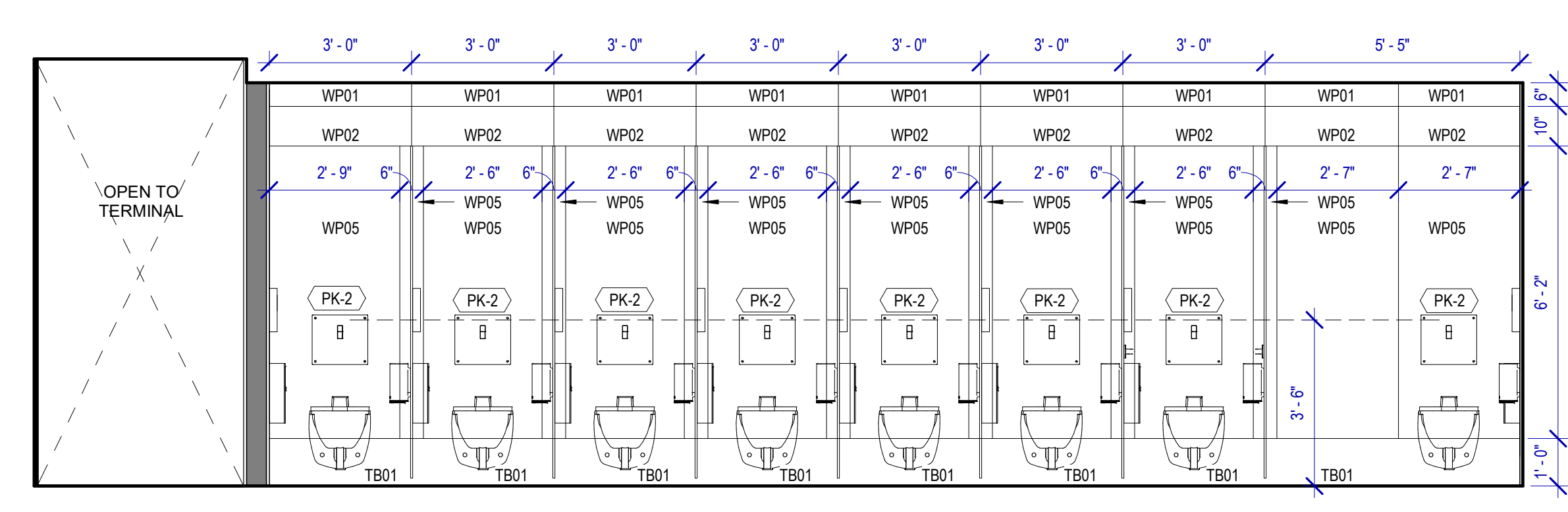
A4 WOMEN'S RESTROOM GATE D07 - A
SCALE: 3/8" = 1'-0"



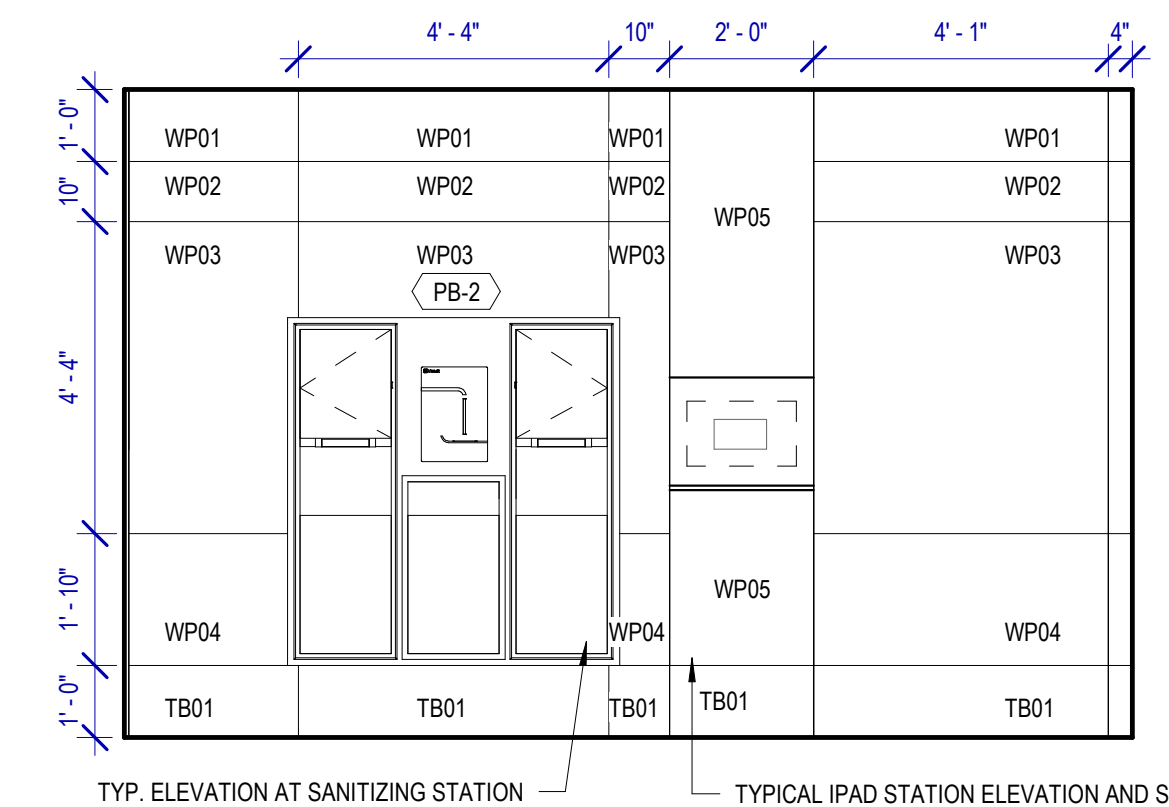
B4 WOMEN'S RESTROOM GATE D07 - B
SCALE: 3/8" = 1'-0"



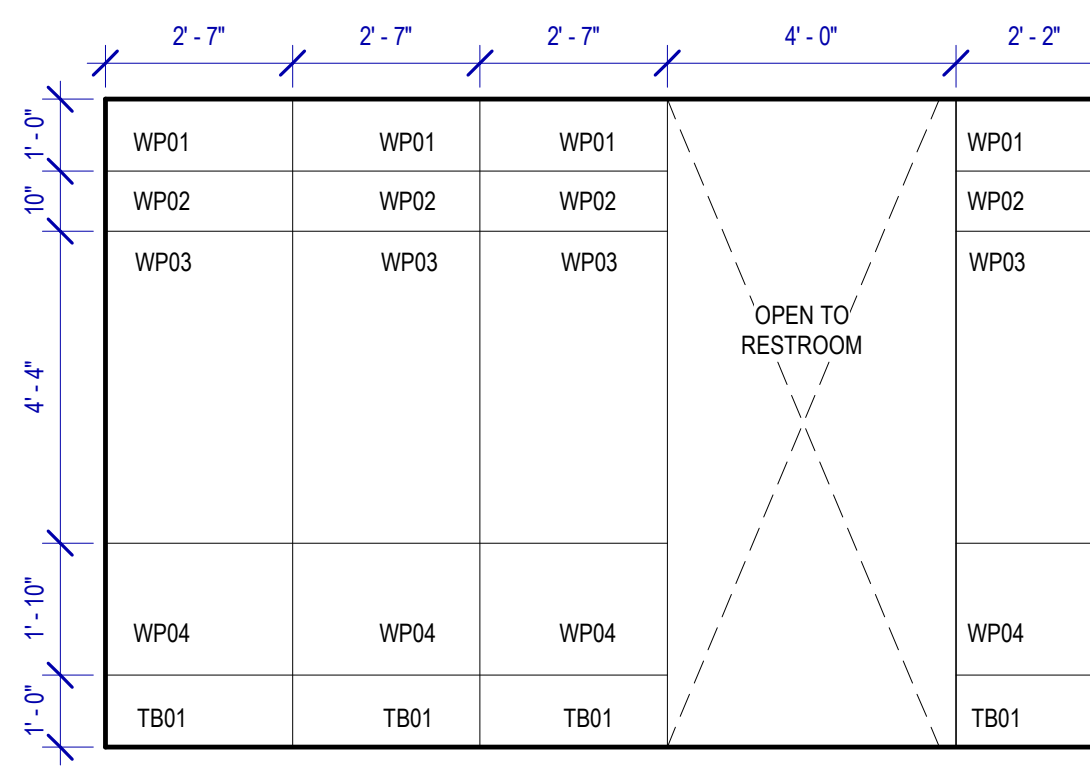
A3 WOMEN'S RESTROOM GATE D07 - C
SCALE: 3/8" = 1'-0"



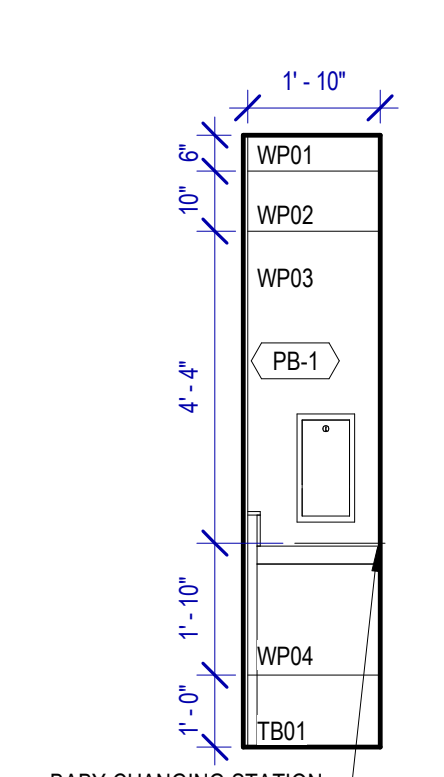
B3 WOMEN'S RESTROOM GATE D07 - D
SCALE: 3/8" = 1'-0"



C3 WOMEN'S RESTROOM GATE D07 - E
SCALE: 3/8" = 1'-0"



A2 WOMEN'S RESTROOM GATE D07 - F
SCALE: 3/8" = 1'-0"



B2 WOMEN'S RESTROOM GATE D07 - G
SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PC-6 BABY CHANGING STATION TOILET PARTITION
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILINGTON COAT HOOK
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 BOBRICK B-167 2632 BACKLIT MIRROR
- PM-2 BOBRICK B-167 5626 BACKLIT MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITHOUT CHASE TEU2LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP N WASH SNW-SS 9758

PLUMBING FIXTURES

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PL-2 BRADLEY 2-STATION VERGE LVQD2
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION

INTERIOR ELEVATIONS NOTES

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
3. AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET TISSUE DISPENSER AND CLOSEST TO BACK WALL TAKING THE PLACE OF SANITARY NAPKIN DISPOSAL SHOWN IN THE WOMEN LAYOUTS. THE TOP OF SEAT COVER DISPENSER SHALL BE 2 INCHES UNDER THE BOTTOM OF GRAB BAR.
4. ALL DIMENSIONS ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
5. PROVIDE BLOCKING AS REQUIRED FOR PARTITIONS & TOILET ACCESSORIES.
6. REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
7. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN TILE.
8. INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Noted/ Approval Category
IFB
ISSUED FOR BIDDING

REGISTERED ARCHITECT
DANIEL ORTIZ
STATE OF TEXAS
03.15.24

SHEET NAME:
WOMEN'S RESTROOM ELEVATION - GATE D07

SHEET No. **A-427** SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
HAS FILE:

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

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt

HAS FILE:

A

B

C

D

E

4

3

2

1

A

B

C

D

E



3701 North Terminal Road
Houston, Texas 77032

**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

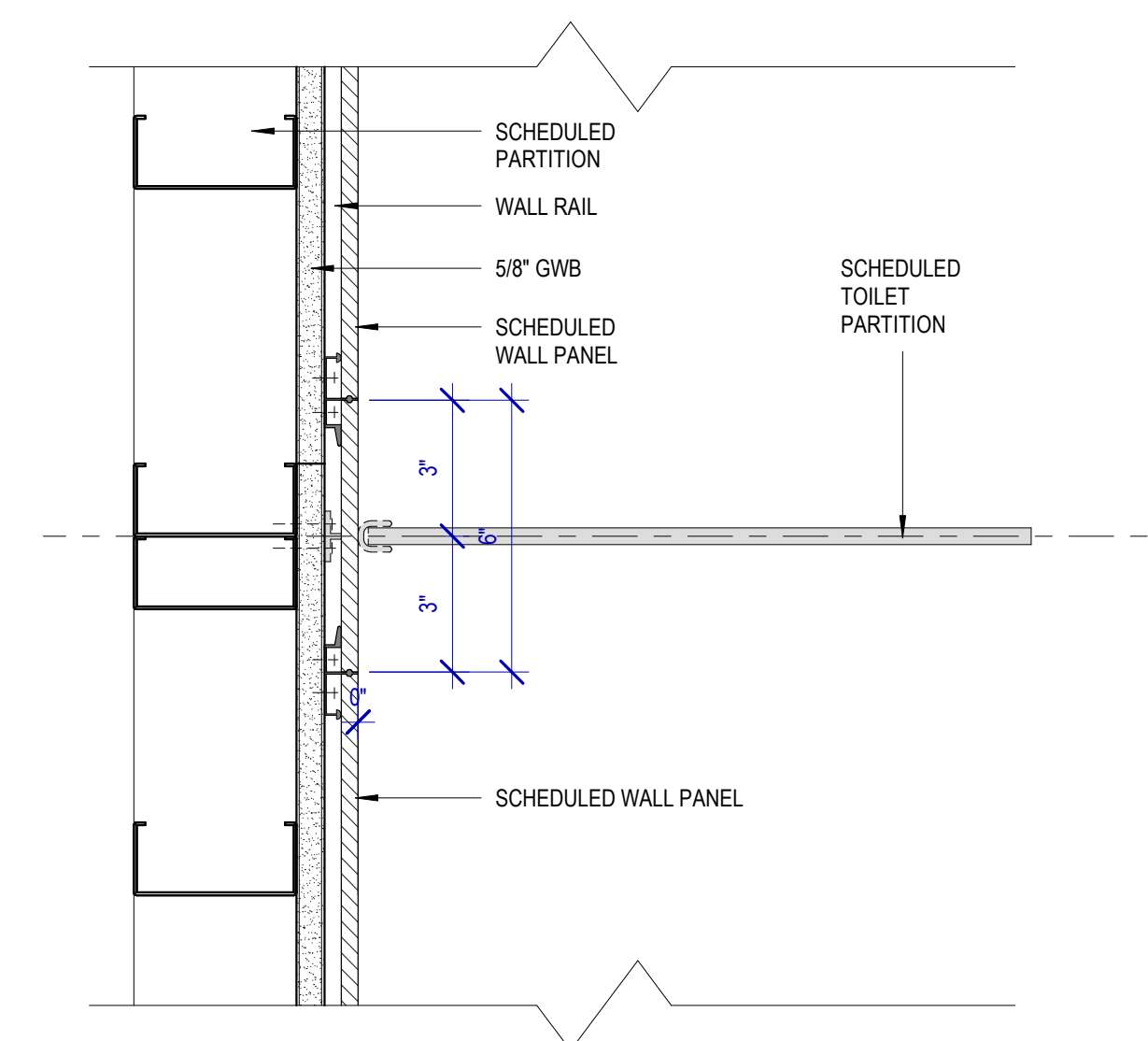
REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

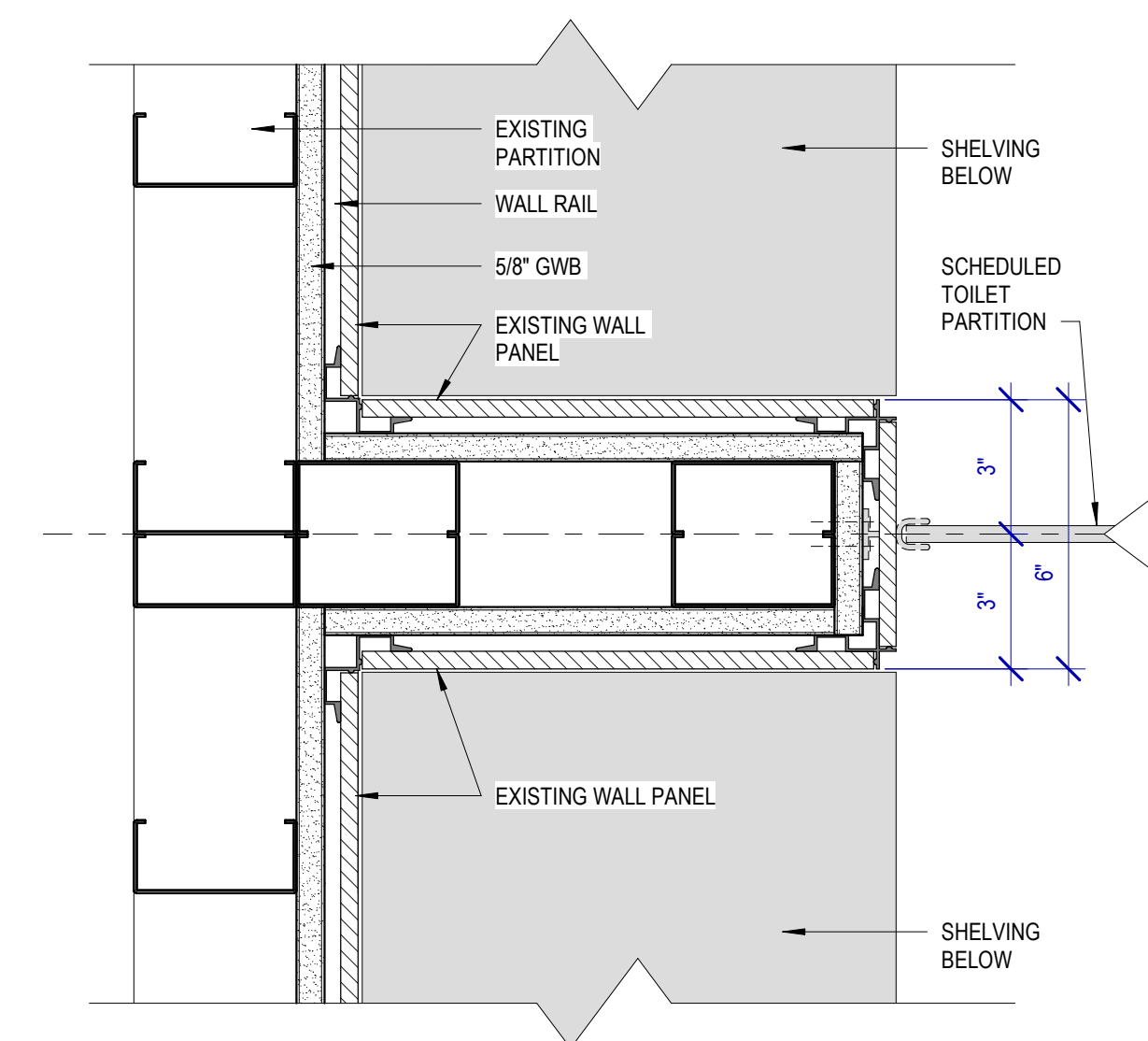
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Issued/Approval Category
IFB
ISSUED FOR BIDDING

SHEET NAME: PLAN DETAILS
SHEET No. A-501 SCALE: 3" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1



D2 PLAN DETAIL @ DIVIDERS AT URINALS/WC
SCALE: 3" = 1'-0"



D1 PLAN DETAIL @ SHELVING BEHIND URINALS/WC
SCALE: 3" = 1'-0"

REVISIONS		
No.	DESCRIPTION	DATE BY

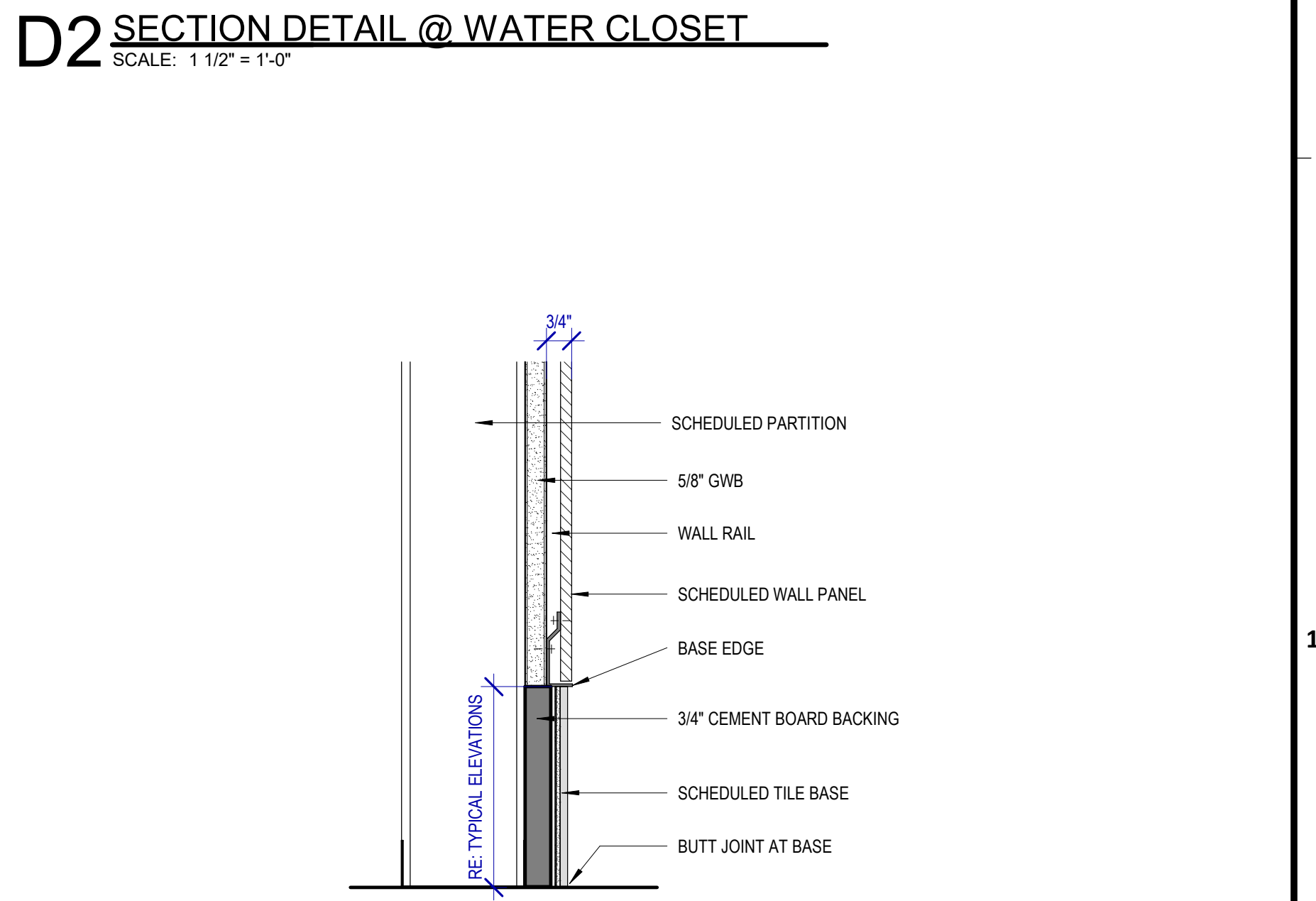
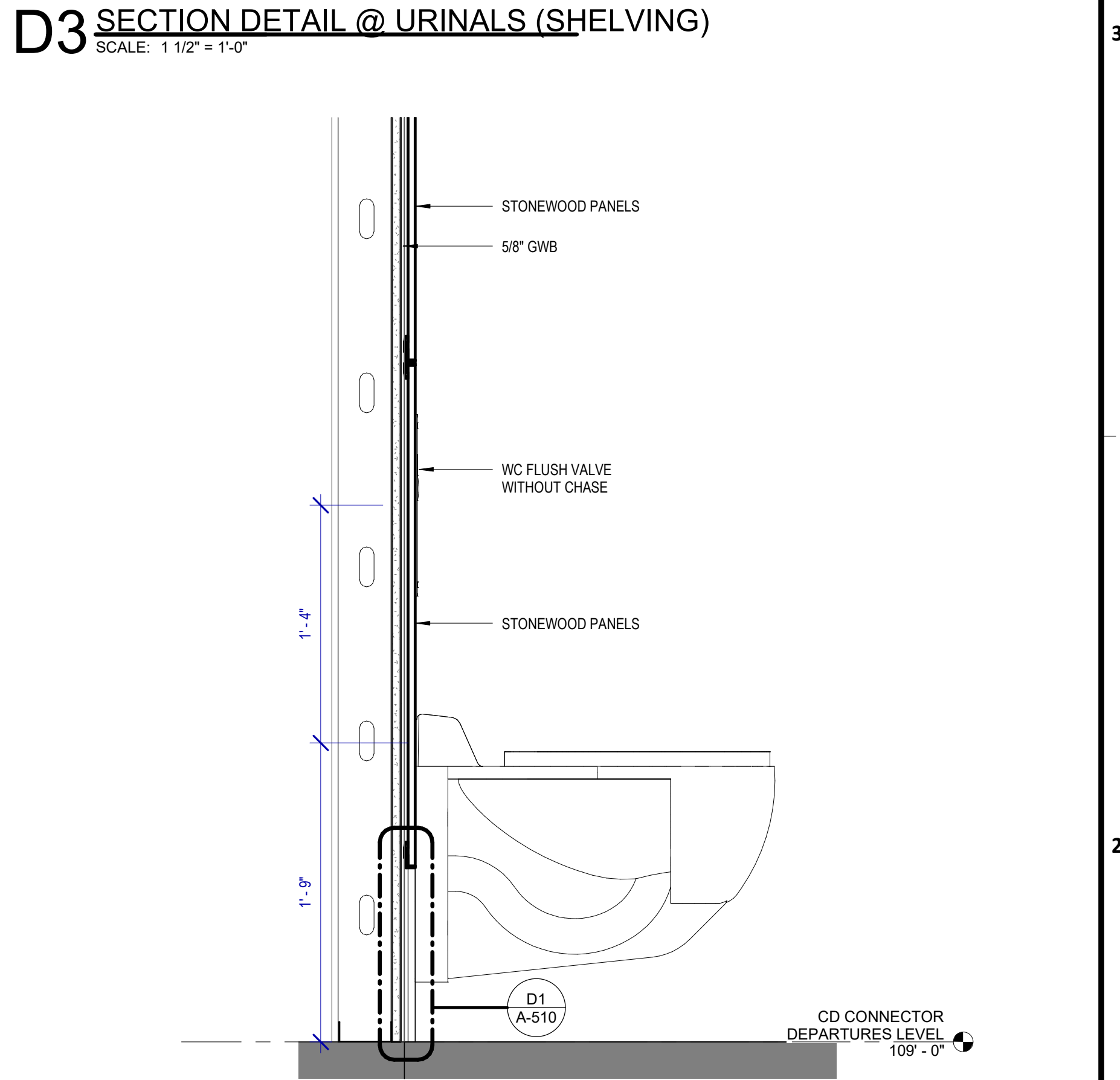
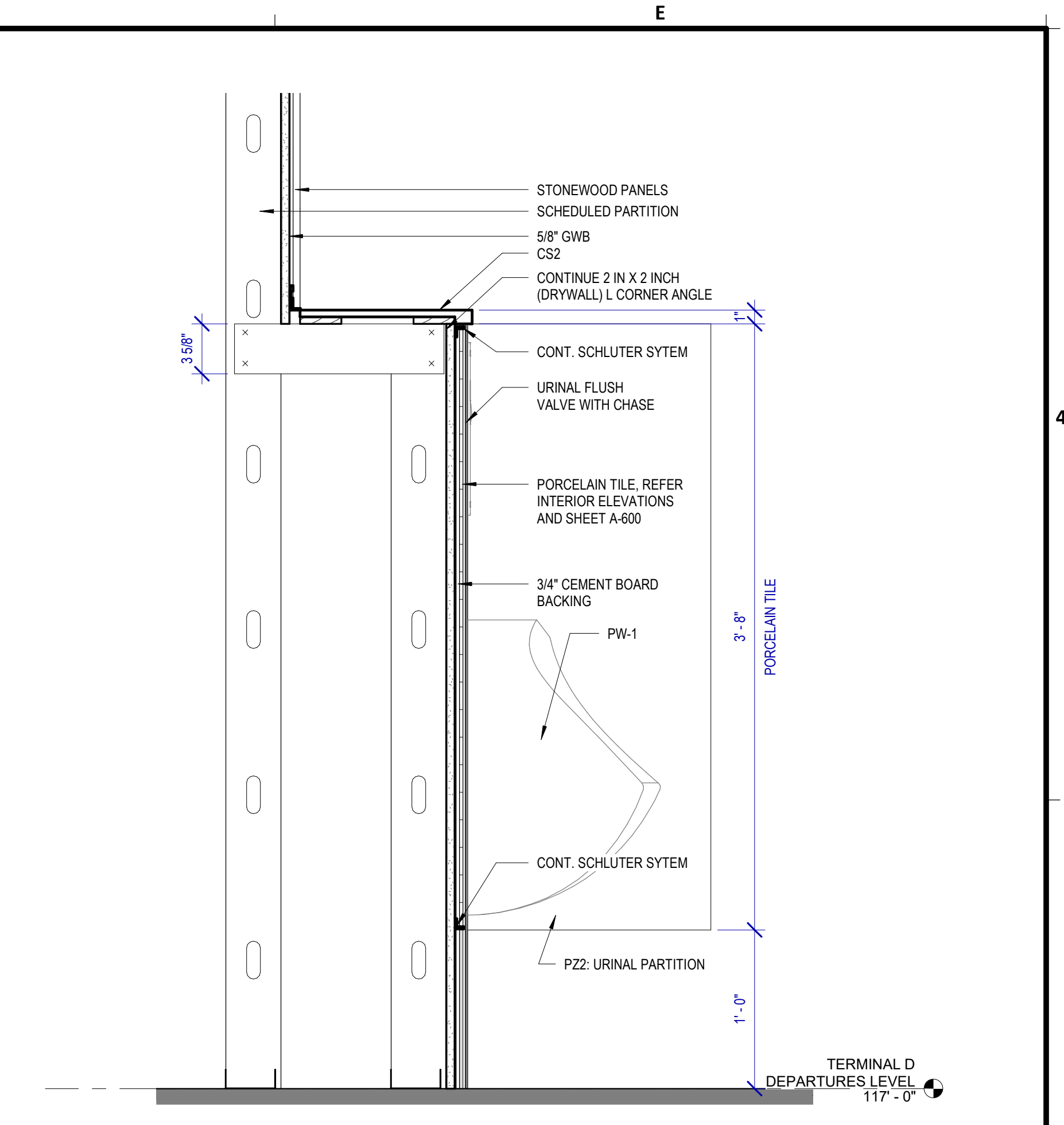
DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

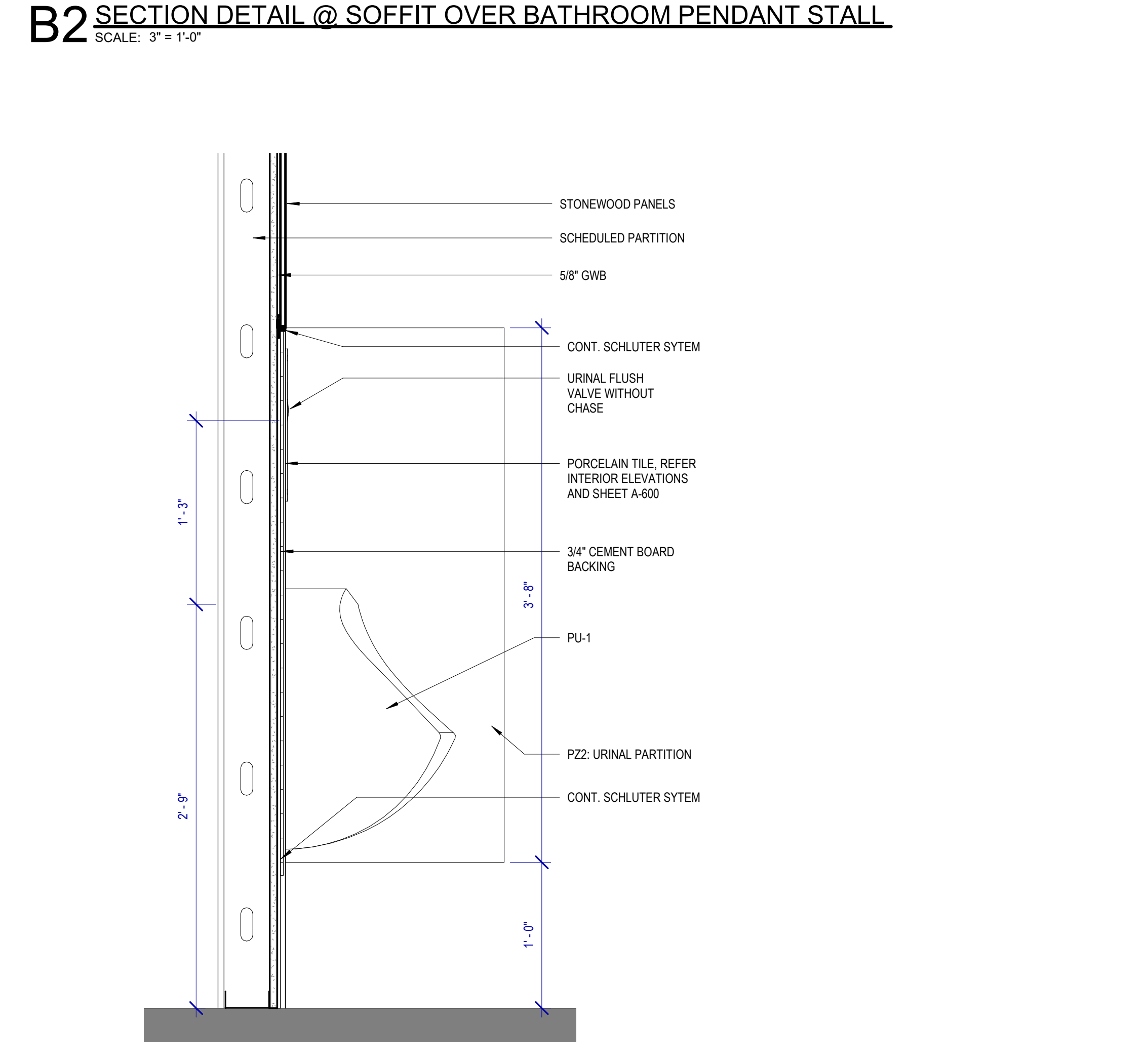
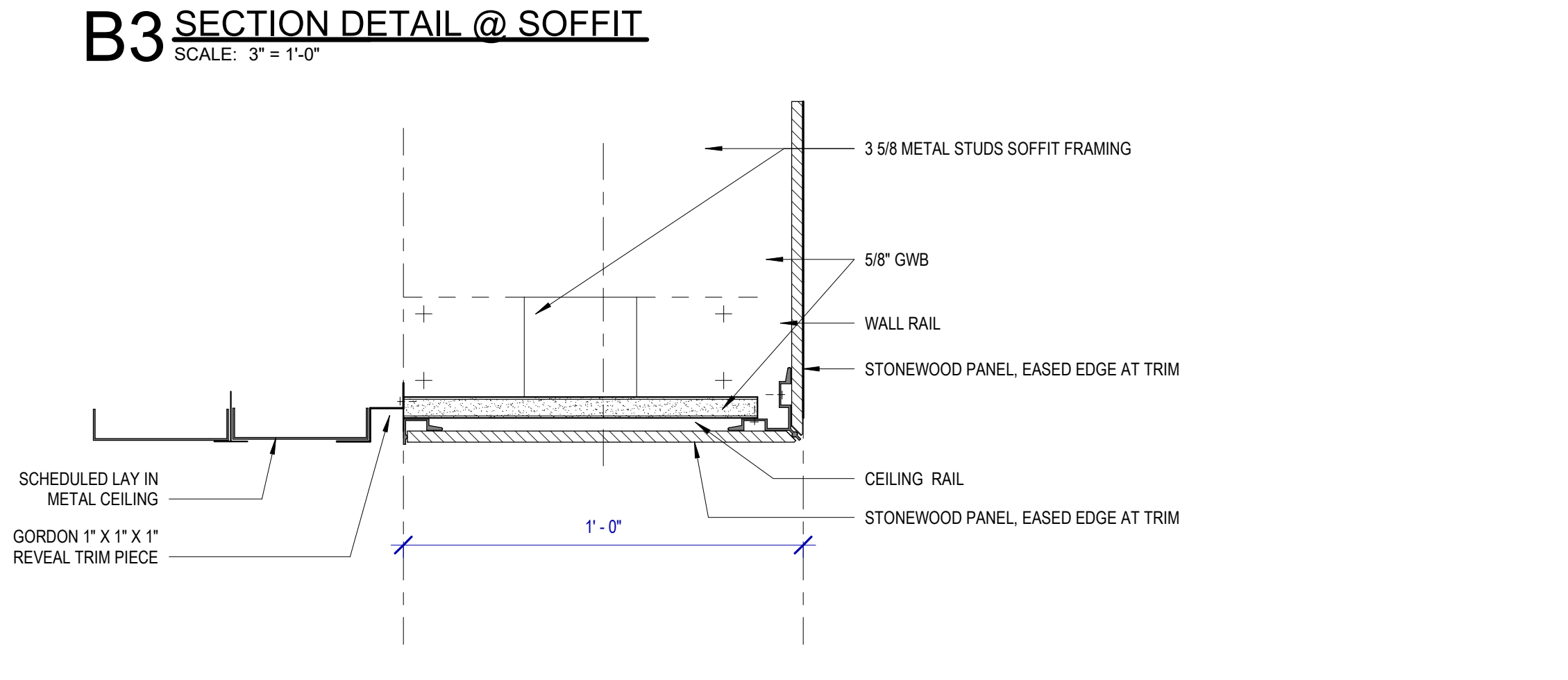
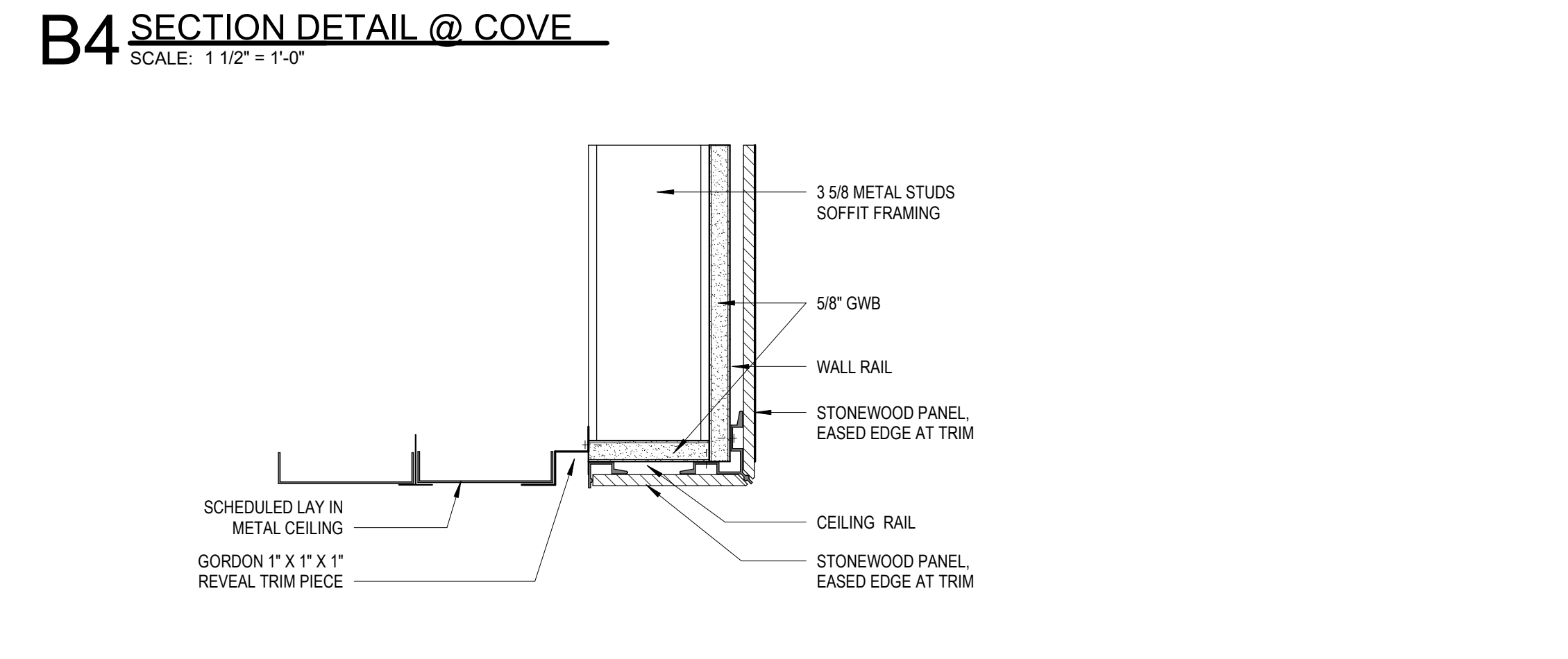
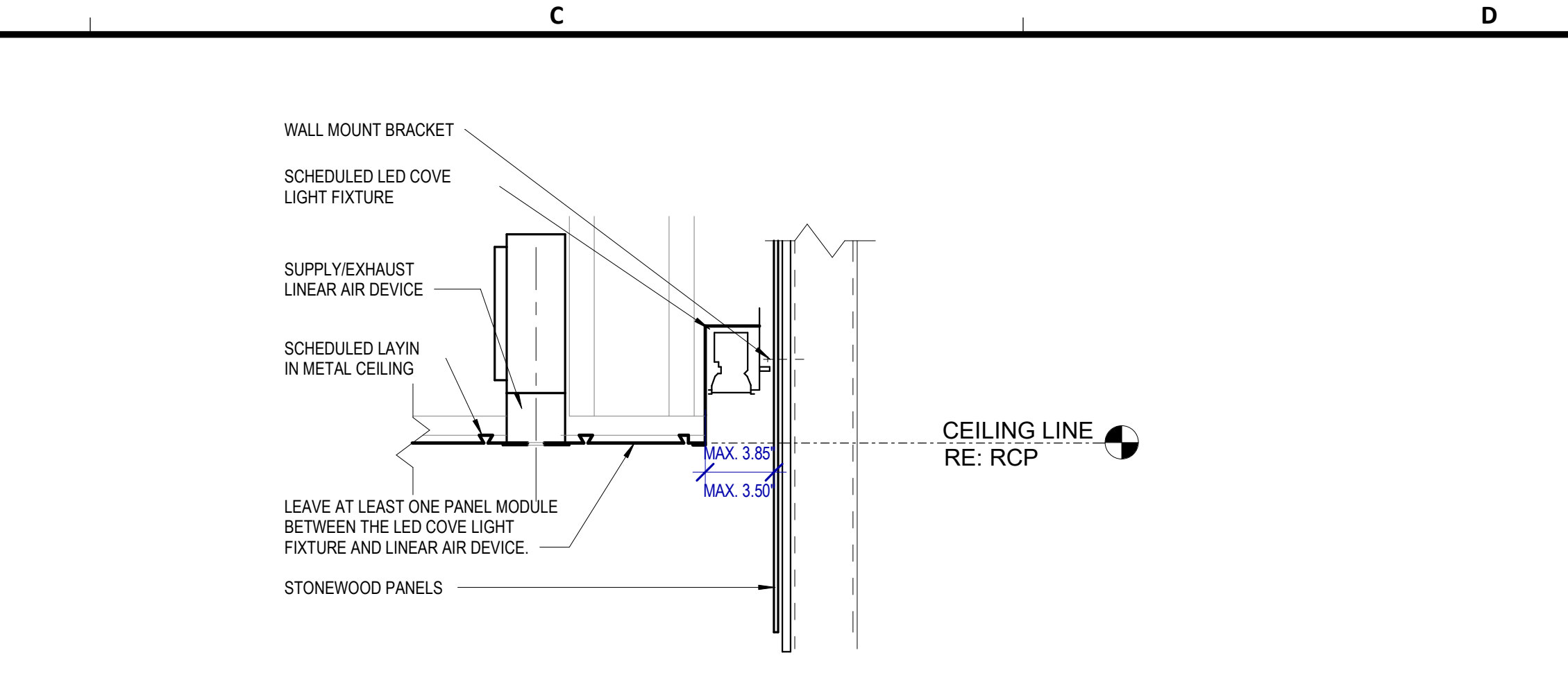
Noted/ Approval Category

IFB
ISSUED FOR BIDDING

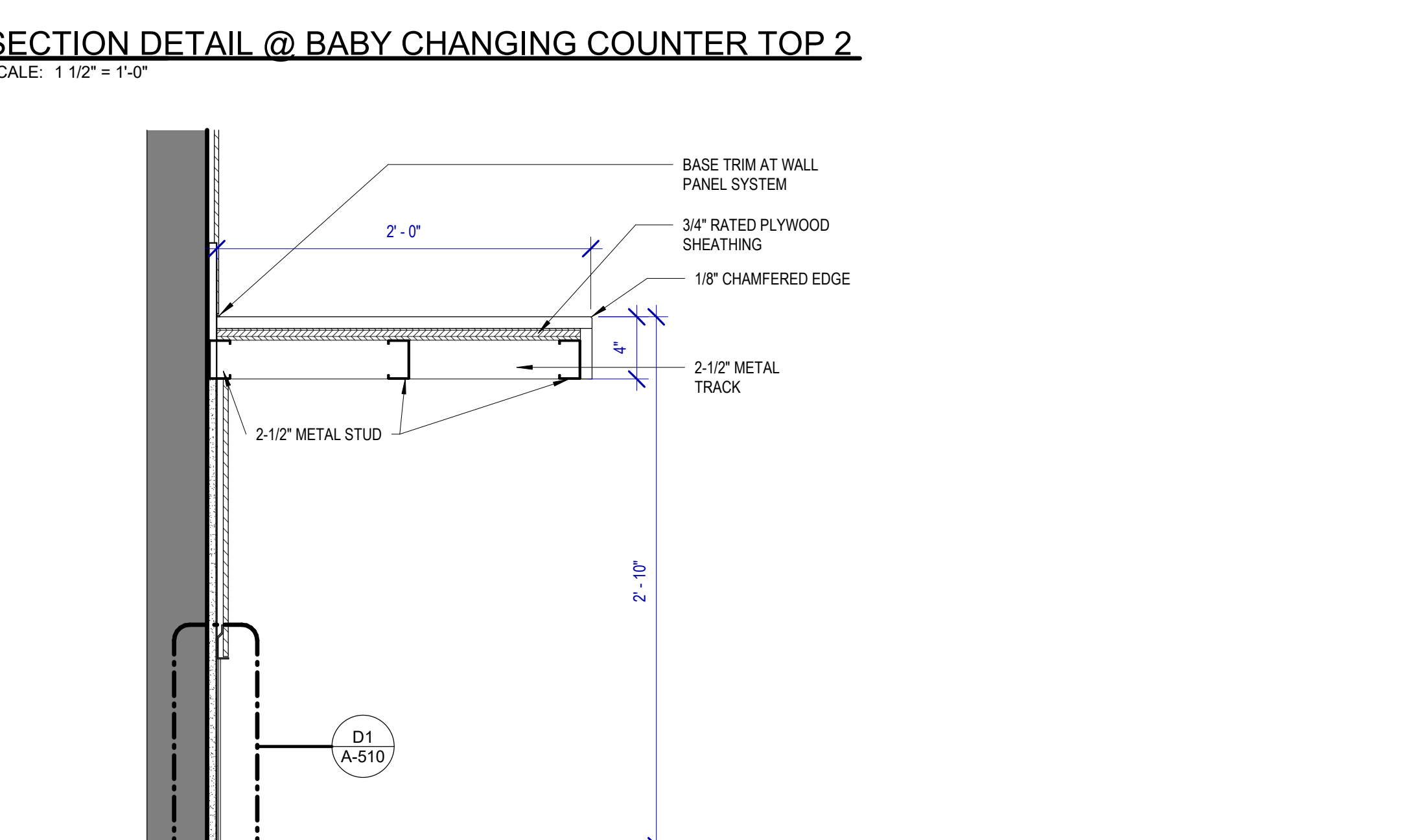
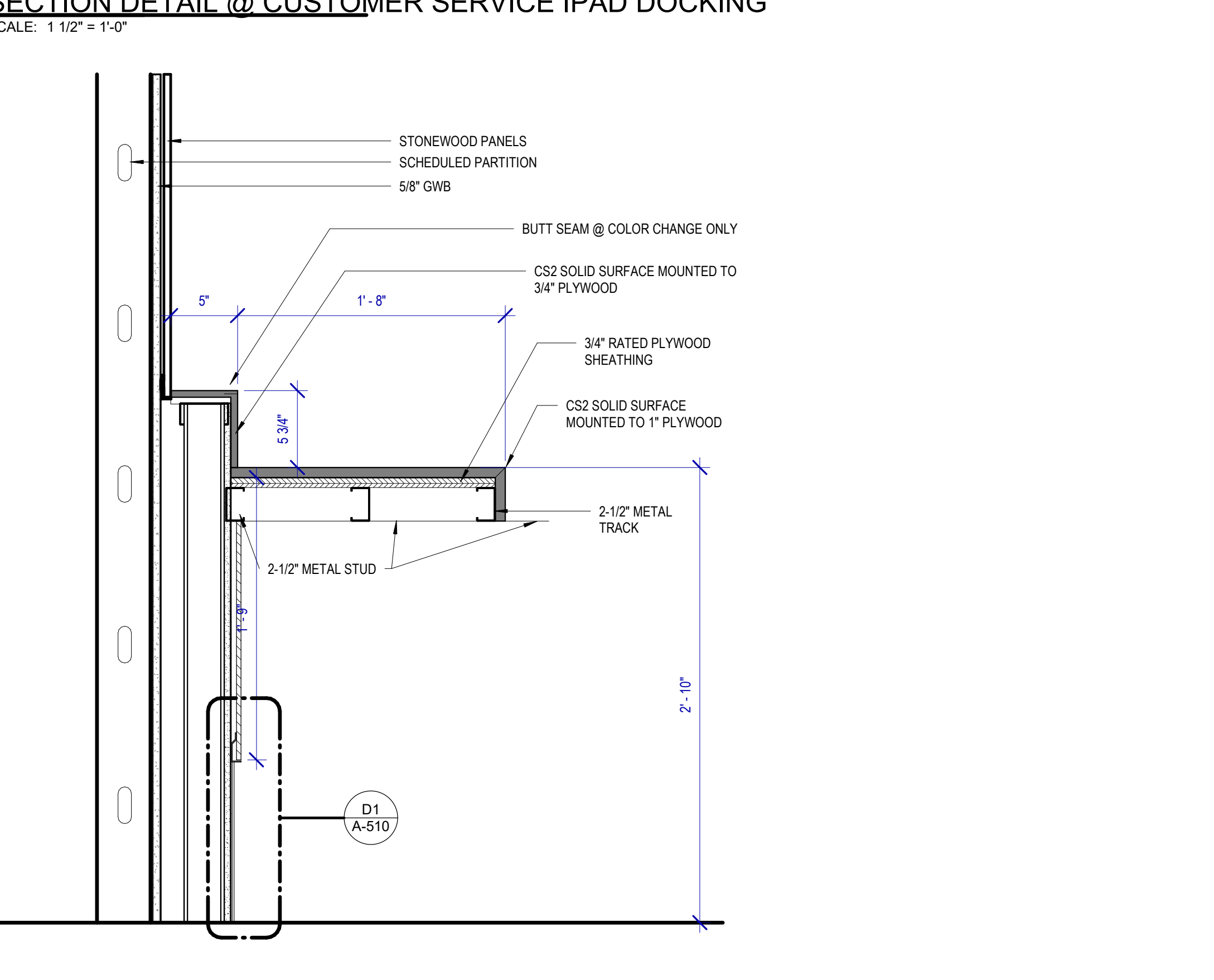
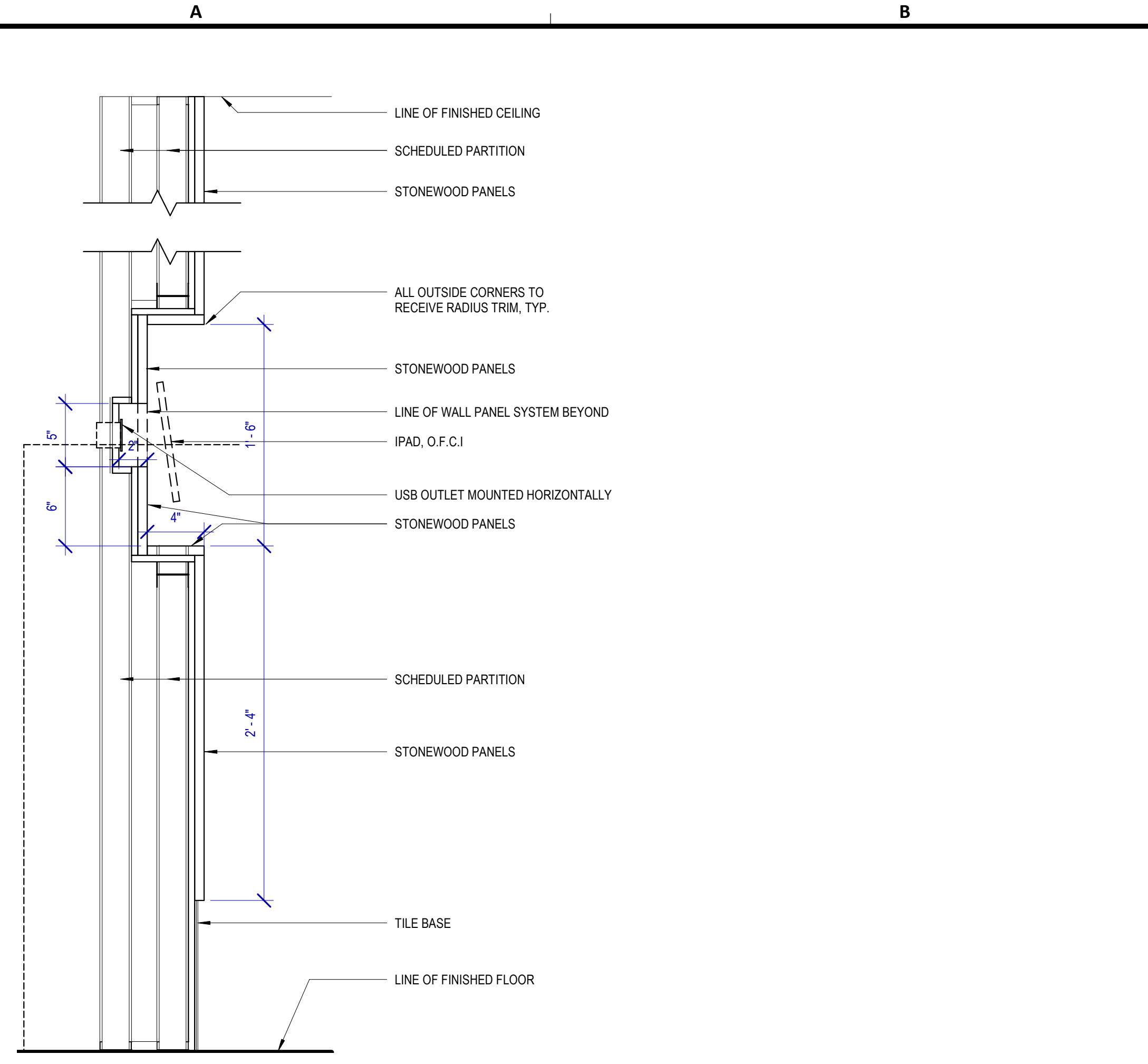
SHEET NAME:	SECTION DETAILS
SHEET No. A-510	SCALE: As indicated



D1 SECTION DETAIL @ TILE BASE TO WALL PANEL
SCALE: 3" = 1'-0"



B1 SECTION DETAIL @ URINALS
SCALE: 1 1/2" = 1'-0"



A1 SECTION DETAIL @ BABY CHANGING COUNTER TOP
SCALE: 1 1/2" = 1'-0"

FILE PATH: BIM 360://1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: HAS FILE:

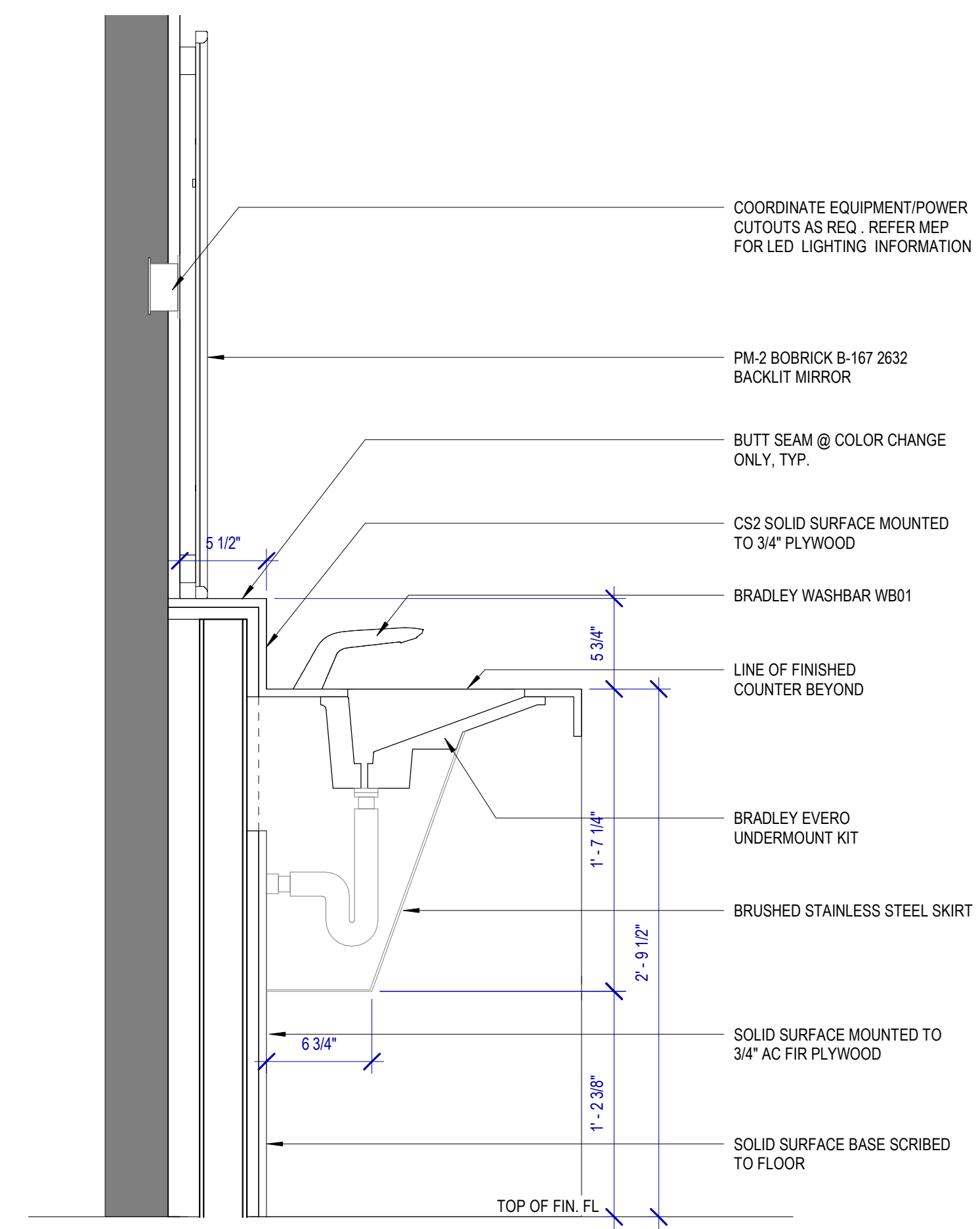
No.	DESCRIPTION	DATE	BY

DESIGN BY:	GP
DRAWN BY:	GP
CHECKED BY:	DO
ISSUE DATE:	03/15/2024
APPROVED BY:	DANIEL ORTIZ
APPROVAL DATE:	03/15/2024

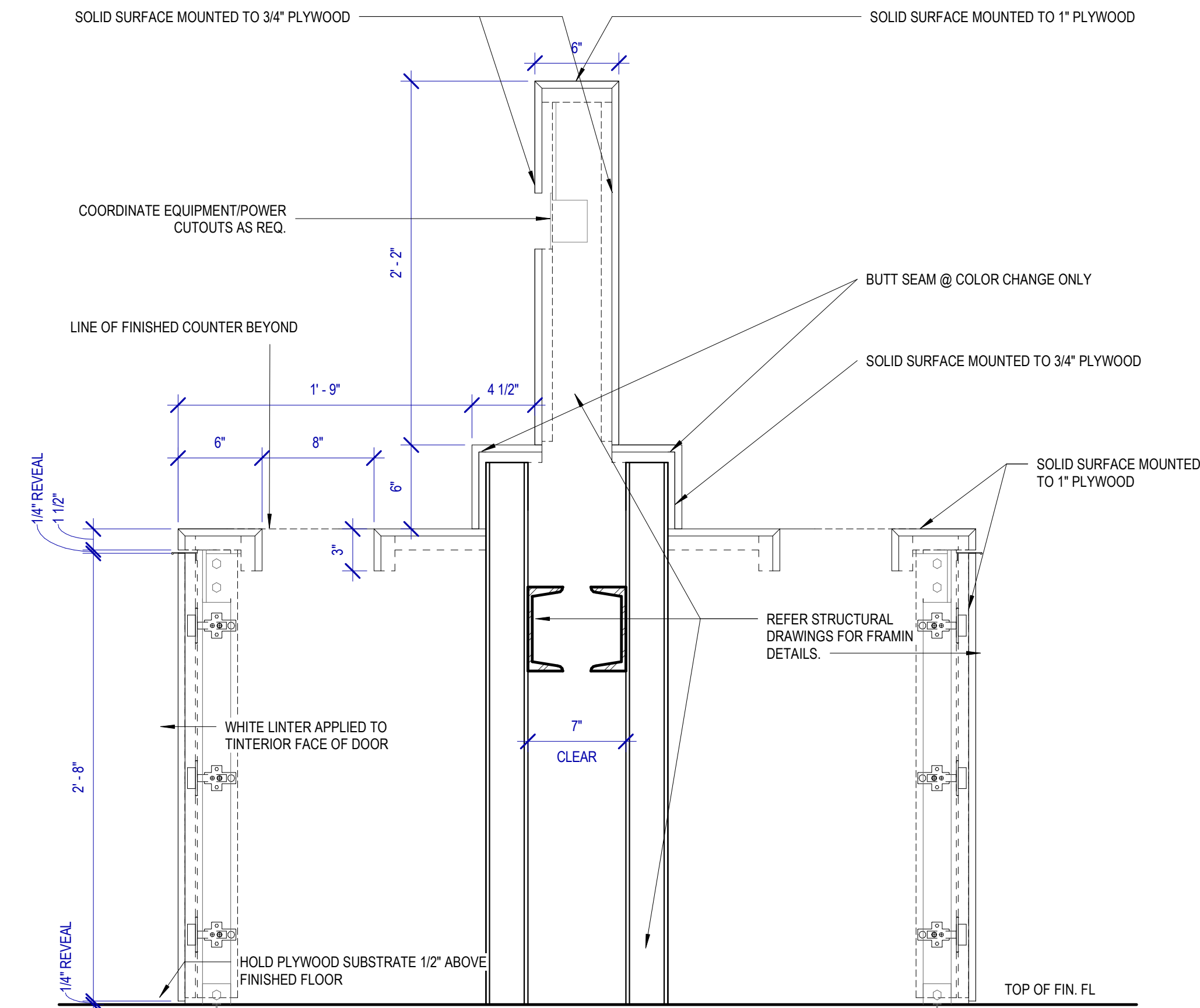
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Issued/Approval Category
IFB
ISSUED FOR BIDDING

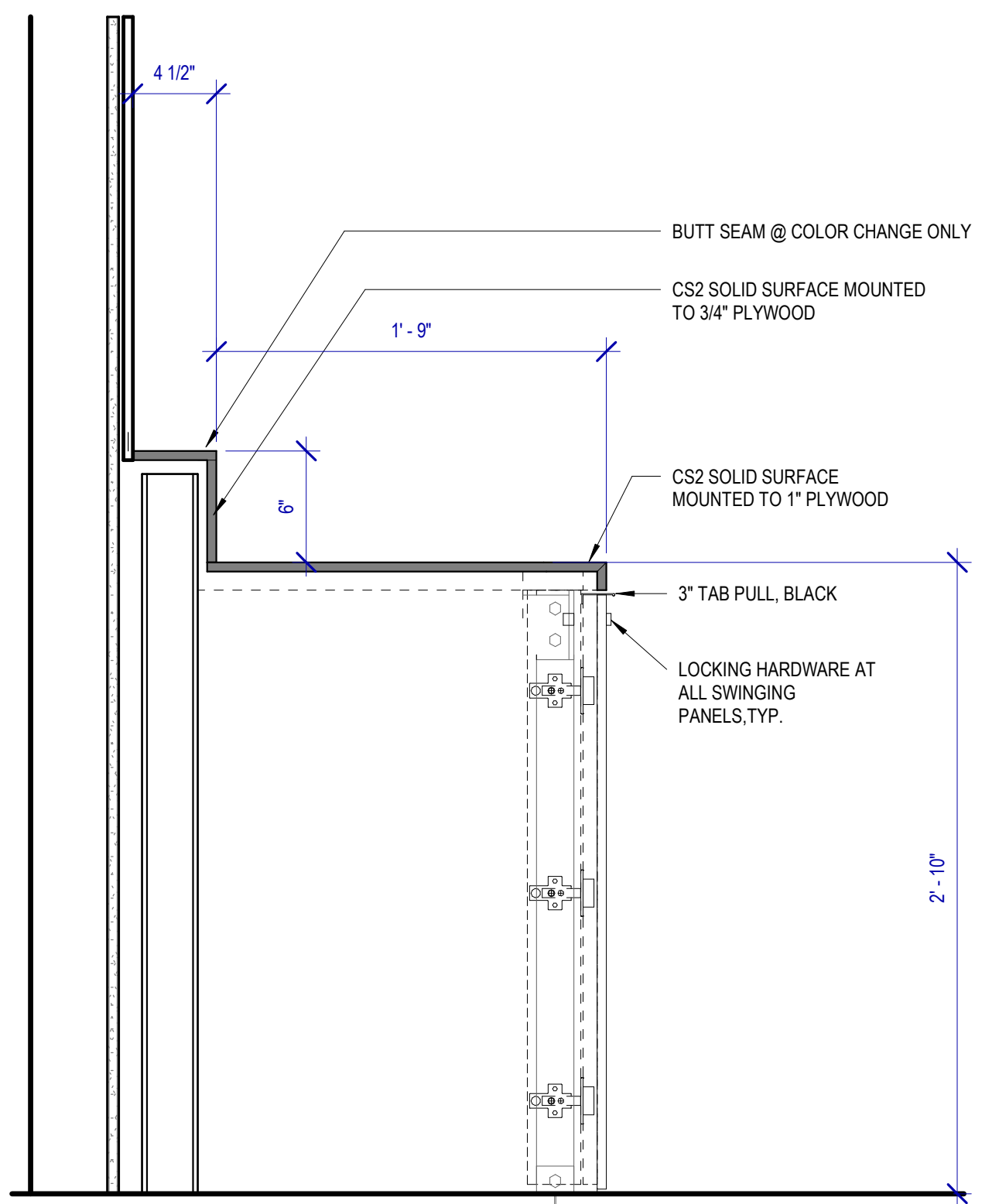
SHEET NAME:	SECTION DETAILS
SHEET No.	A-511
SCALE:	1 1/2" = 1'-0"



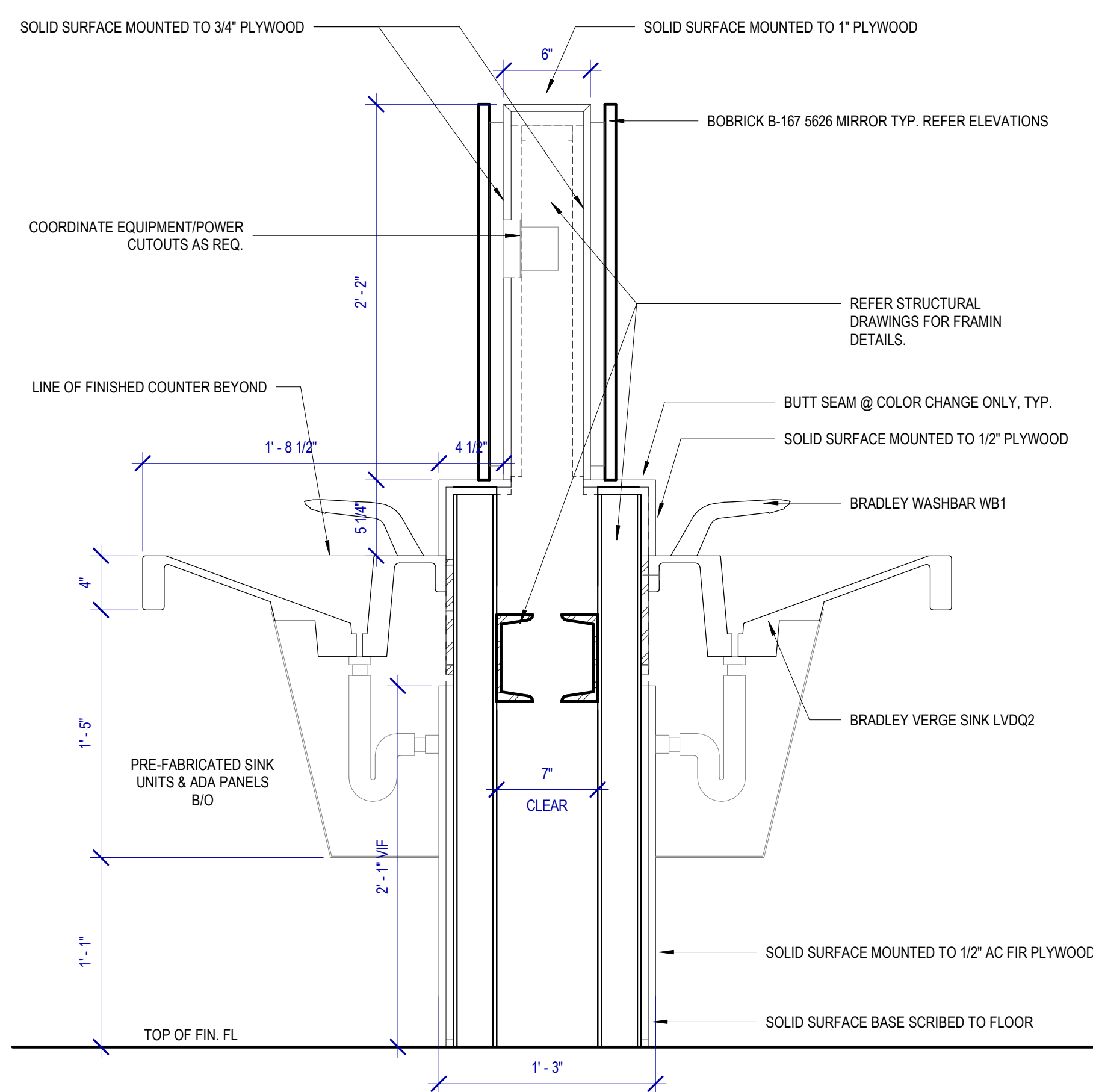
B3 SECTION DETAIL @ SINGLE SIDE LAVATORY
SCALE: 1 1/2" = 1'-0"



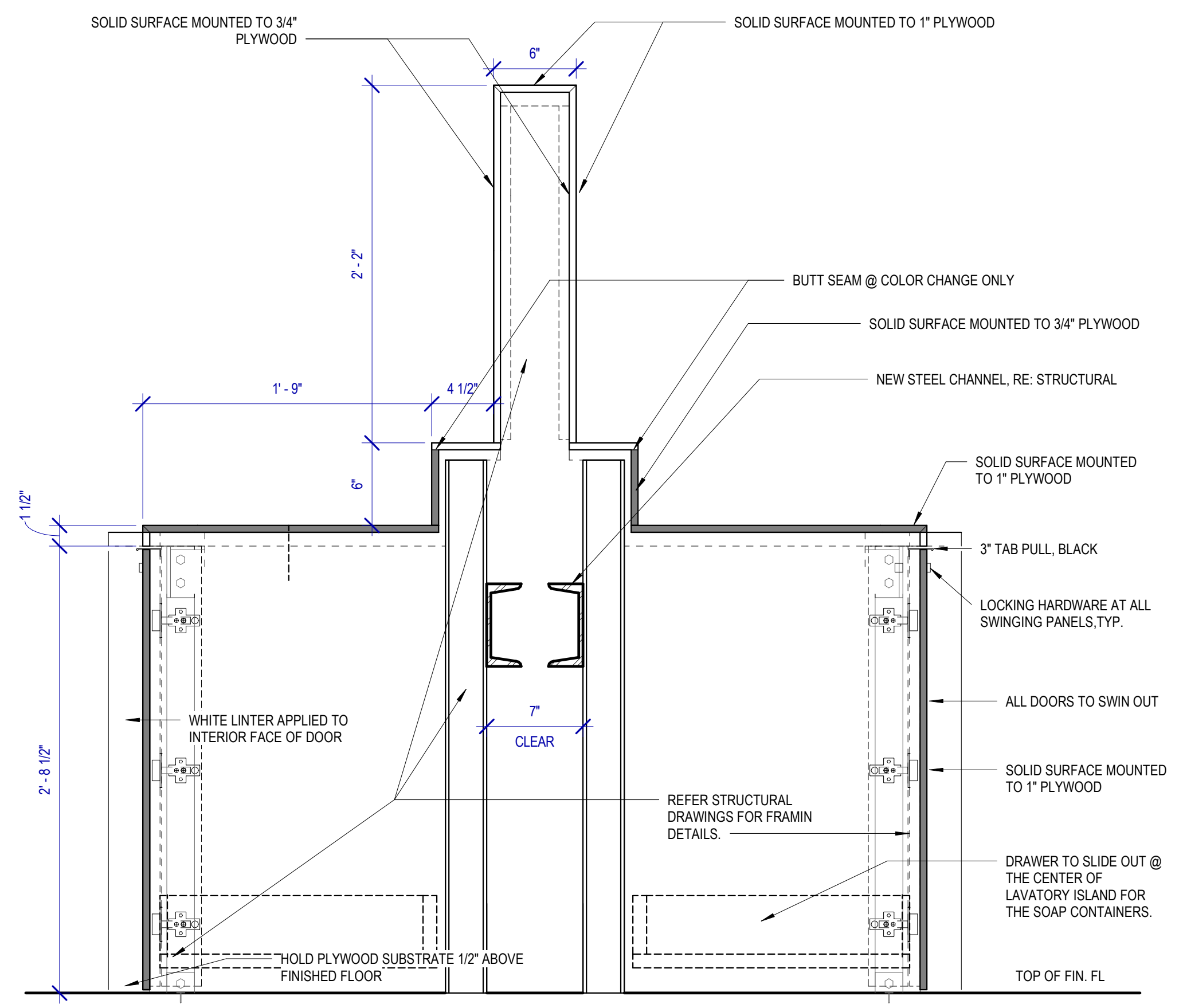
D3 SECTION DETAIL @ TRASH UNIT
SCALE: 1 1/2" = 1'-0"



A1 SECTION DETAIL @ SINGLE SIDE SINK STATION
SCALE: 1 1/2" = 1'-0"



B1 SECTION DETAIL @ PRE-FAB SINK UNIT
SCALE: 1 1/2" = 1'-0"



D1 SECTION DETAIL @ ISLAND SWING PANEL
SCALE: 1 1/2" = 1'-0"

FILE PATH: BIM 360//1429.12_Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:
 PLOT DATE:

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

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
HAS FILE:

FINISHES GENERAL NOTES

- ALL WALL/CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.9
- REFER TO SHEET G-002 & G-003 FOR GENERAL NOTES, KEYS AND SYMBOLS.
- INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL & FINISH KEY OR FROM THE FLOOR PLANS
- REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH INFORMATION.
- REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND SPECIFICATIONS.
- ALL WALLS TO RECEIVE BASE 'TB1' U.N.O
- REFER TO FINISH FLOOR PLANS FOR TRANSITIONS.
- ALL GYPSUM BOARD CEILINGS TO MATCH ADJACENT EXISTING PAINT FINISH PER HAS STANDARDS
- PROVIDE 10% ATTIC STOCK ON ALL FINISHES
- ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCURMENT
- PATCH AND REPAIR FINISHES AS REQUIRED DUE TO DEMOLITION WORK AND INSTALLATION OF SIGNAGE & FIXTURES
- WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS.
- WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
- INSTALL NEW 1/4" CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN WALL TILE.
- CONTRACTOR TO PROVIDE ANY SUBSTRATE NECESSARY FOR PATCHING WORK. FOR INSTALLATION OF NEW TRESPA PANEL WALL SYSTEM, PORCELAIN WALL TILE, PORCELAIN FLOOR TILE AND ANY OTHER FINISH REQUIRED PER CONTRACT DOCUMENTS.

PAINT

- ALL GWB CEILINGS TO RECEIVE PT01 PAINT
- ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURERS SPECIFICATIONS FOR THE PARTICULAR SURFACE.
- ALL EXISTING DOORS TO RECEIVE PT01 PAINT.

FLOORING

- LARGE FORMAT TILE TO BE INSTALLED OVER A FRACTURE MEMBRANE PER SPECIFICATIONS.
- ALL SLABS ON GRADE TO RECEIVE WATER PROOFING AND ARDEX FOR SMOOTH FINISH IF INSTALLING IMPERMEABLE MATERIAL AS SCHEDULED.
- ALL CHANGES IN FLOOR MATERIAL BETWEEN ROOMS SHALL OCCUR AT THE CENTERLINE OF THE DOOR U.N.O.
- GROUT COLOR TO MATCH ADJACENT STONE / TILES. ALL STONE / TILE SURFACES TO BE FLUSH. NO ABRUPT LIPS OR EDGES. SUBMIT SAMPLES TO BE APPROVED BY ARCHITECT.
- PROVIDE SOFT JOINT AT ALL TILE INSIDE CORNER CONDITIONS AND 90 DEGREE CORNERS AT FLOOR TILE CORNER. COLOR TO MATCH SCHEDULED GROUT.
- TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
- ALL WET AREAS TO RECEIVE EPOXY GROUT.

MATERIAL & FINISH KEY

DIVISION 3 - CONCRETE

MORTAR
MF1
SIKAQUICK® SMOOTH FINISH - LIGHTWEIGHT MORTAR FOR CONCRETE REPROFILING - COLOR: PRECAST GREY. SEAL WITH SIKAGUARD 740 W.

DIVISION 5 - METALS

METAL PANELS
MP1
STAINLESS STEEL WALL PANEL. 11/12 GAUGE MIN.

DIVISION 8 - OPENINGS

MIRROR
PM3
6MM SILVERED FLAT GLASS MIRROR. SECURE TO WALL WITH CONSTRUCTION ADHESIVE

DIVISION 9 - FINISHES

SOLID SURFACE
CS1
CORIAN - SOLID SURFACE - GLACIER WHITE
CS2
CORIAN - SOLID SURFACE - CARBON CONCRETE

CEILING

MC1
TORSION SPRING CEILING
GORDON - R116-765T23 23% OPENING AV-3000 GRID, NO REVEAL - 2' X 4', 0.063" THICK ALUMINUM, 1/4" SOLID BORDER - PDR-60144 BLANCO MATTE
REMARKS: 1/16" HOLES X 7/84" STRAIGHT CIRCLES W/ 1" X 1 1/2# DENSITY BLACK ACOUSTICAL PADS.

MC2

TURN-KEY CEILING
PANEL SIZE: 3 1/2" LINEAR PANELS
MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS
PERF SPEC: R116-532DG12 12% OPENING - DIAGONAL CENTERS - NO REVEAL
FINISH: EXPOSED SURFACES POWDER COATED ACROGUARD PDR-60813 (STERLING BONDED)
INSULATION: 1" X 1 1/2# DENSITY BLACK PVC ACOUSTICAL PADS IN-FILL PANELS SHIPPED STOCK LENGTHS FOR FIELD CUTTING.

MC3

TURN-KEY CEILING
PANEL SIZE: 6" LINEAR PANELS
MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS
PERF SPEC: R116-532DG12 12% OPENING - DIAGONAL CENTERS - NO REVEAL
FINISH: EXPOSED SURFACES POWDER COATED ACROGUARD PDR-60813 (STERLING BONDED)
INSULATION: 1" X 1 1/2# DENSITY BLACK PVC ACOUSTICAL PADS IN-FILL PANELS SHIPPED STOCK LENGTHS FOR FIELD CUTTING.

WALL FINISH

WP01
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 9194-CB WHITE ICE
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP02

STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 5919-AB STONE GRAY
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP03

STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 5407-AB DEVILS LAKE
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP04

STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 2378-AB ELEPHANT
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP05

STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 454 SEI ABET LAMINATI
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP06

STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI
REMARKS: VARYING SIZES. RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

PAINT

PT01
TBD - MATTE - CEILING WHITE - STANDARD CEILING

TILE

TL1
CROSSVILLE LAMINAM - GAUGED PORELAIN TILE - 1M X 3M X 5.6MM THK - SALE
REMARKS: STACKED INSTALLATION. GROUT TO BE MIN. THK PER MFR, COLOR TO BE SELECTED BY MFR FULL RANGE

TL2

CROSSVILLE LAMINAM - GAUGED PORELAIN TILE - 1M X 3M X 5.6MM THK - PIOMBO (ACCENT)
REMARKS: STACKED INSTALLATION. GROUT TO BE MIN. THK PER MFR, COLOR TO BE SELECTED BY MFR FULL RANGE

TL3

CROSSVILLE LAMINAM - GAUGED PORELAIN TILE - 1M X 3M X 5.6MM THK - FUMO
REMARKS: STACKED INSTALLATION. GROUT TO BE MIN. THK PER MFR, COLOR TO BE SELECTED BY MFR FULL RANGE

TB01

CROSSVILLE LAMINAM - GAUGED PORELAIN TILE - 1M X 3M X 5.6MM THK - SALE
REMARKS: CUT IN FIELD 12"H. ALIGN GROUT JOINTS W/ FLOOR TILE. MIN. THK PER MFR. COLOR SELECTED BY MFR FULL RANGE

DIVISION 13 - SPECIALTIES

TOILET PARTITIONS

PZ1
THRISLINGTON CUBICLES - K32 FLOW GLASS - CUSTOM IVORY BACK COLORED GLASS PANELS ON LAMINATE PARTITIONS. INTEGRATED OCCUPANCY STALL LIGHT. 3 1/8 INCHES GAP AT THE BOTTOM U.CO.
DOORS: MDF CORE WITH CUSTOM IVORY BACK PAINTED GLASS ON BOTH SIDES. STAINLESS STEEL HARDWARE AND HYDRAULIC CLOSER
DIVIDER PANELS: PHENOLIC PANEL - WHITE NON GLASSY FINISH
REMARKS: INDICATOR. CONTINUES CONCEALER @ DOOR EDGES. OUT-SWINGING DOOR ON PIVOT HINGE W/ ROTATING FLOOR PEDESTAL.

PZ2

THRISLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH CUSTOM IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 18" D
REMARKS: MEN'S RESTROOMS, URINAL PARTITION, CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

PZ3

THRISLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH CUSTOM IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - FOR SIZE AND SHAPE REFER TO A-420
REMARKS: BABY CHANGING STATION DIVIDERS



3701 North Terminal Road
Houston, Texas 77032

TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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




5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

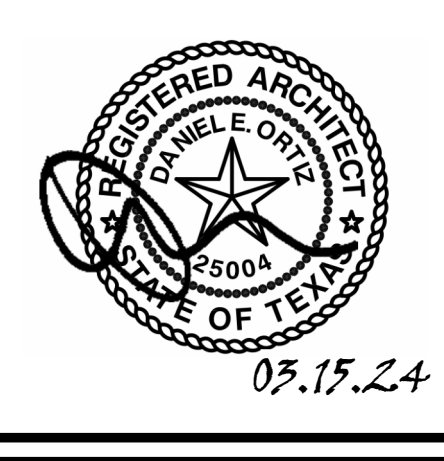
No.	DESCRIPTION	DATE	BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Issued Approval Category

IFB
ISSUED FOR BIDDING



SHEET NAME:
ROOM FINISH MATERIALS LEGEND

SHEET No. A-600 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com

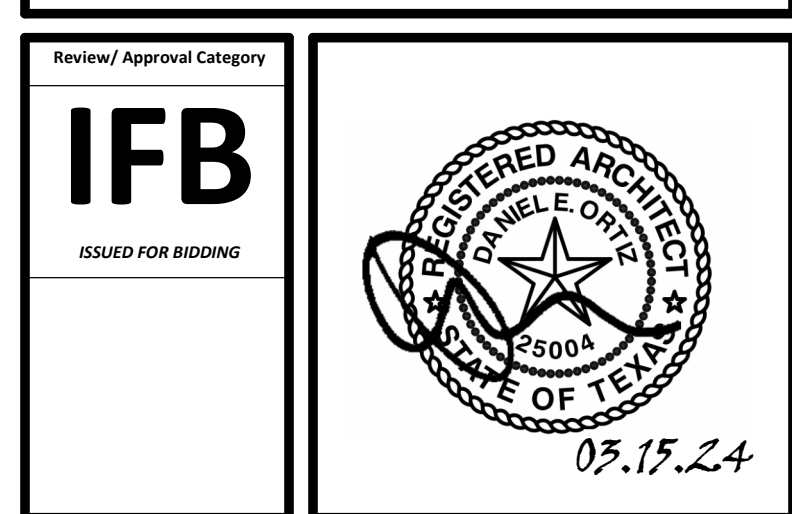


DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

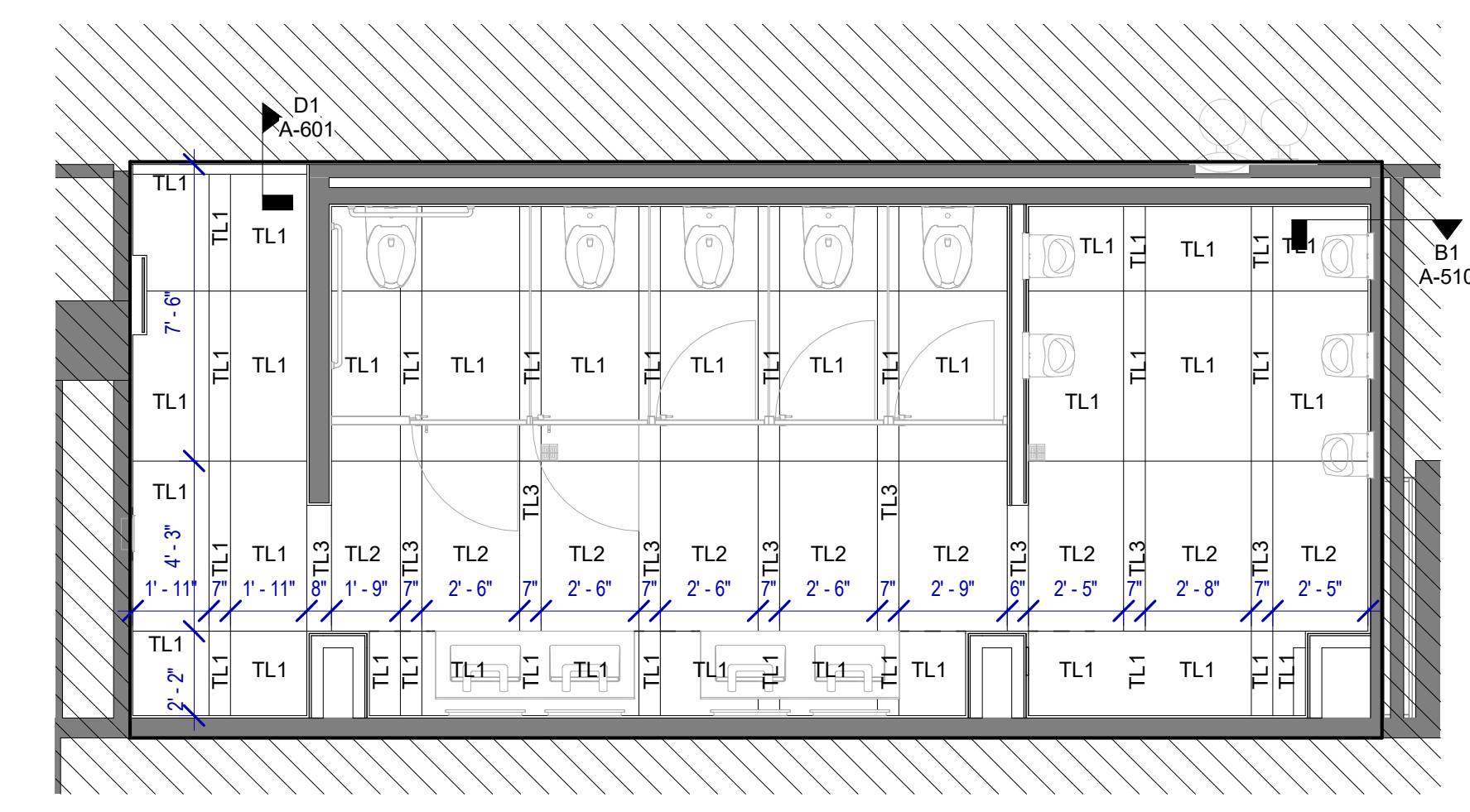
DIRECTOR
of
HOUSTON AIRPORT SYSTEM



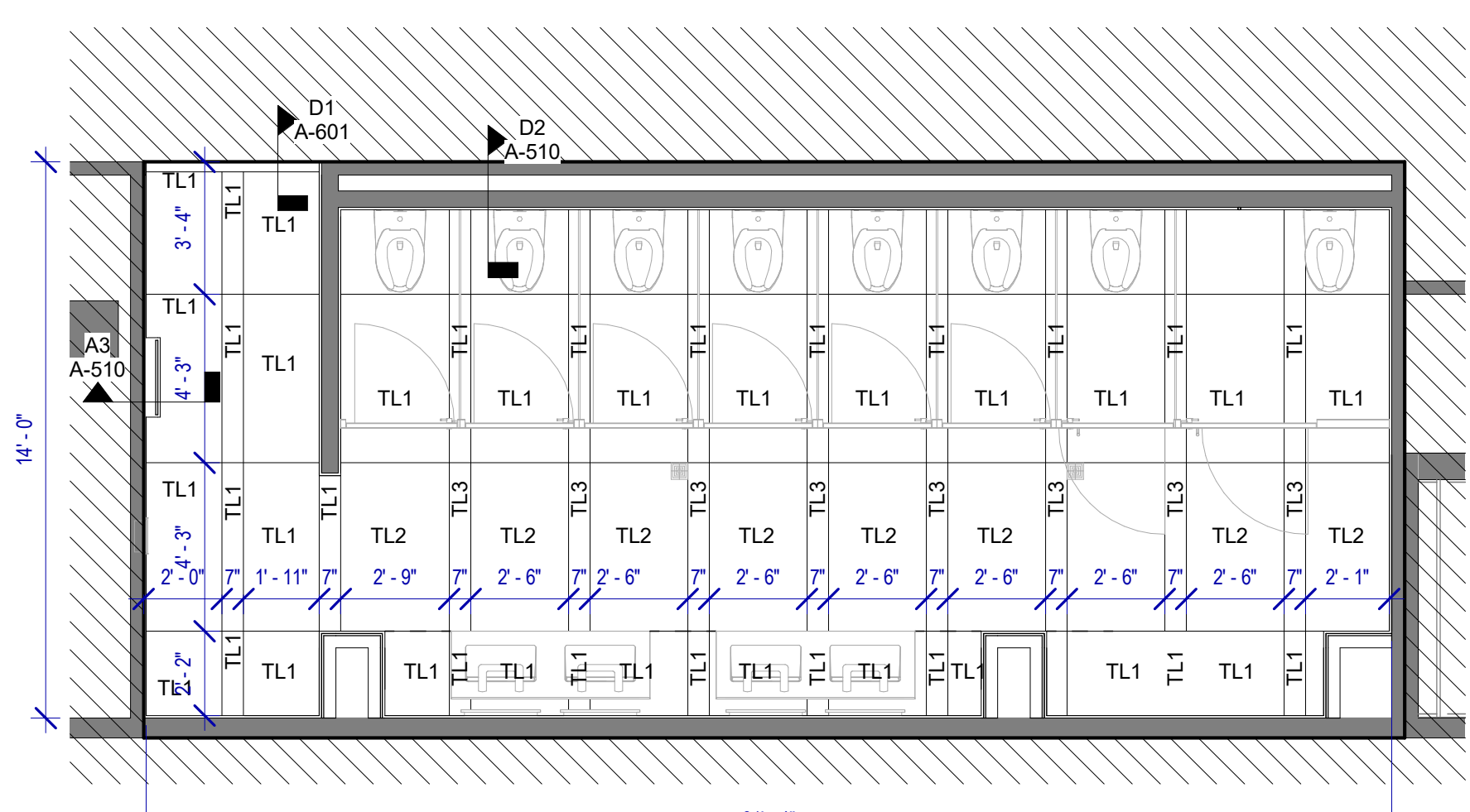
SHEET NAME:
ENLARGED FINISH PLANS - CD CONNECTOR
SHEET No.: A-601 **SCALE:** As indicated
SHEET SIZE: 30"x42" ARCH E1

FINISHES GENERAL NOTES

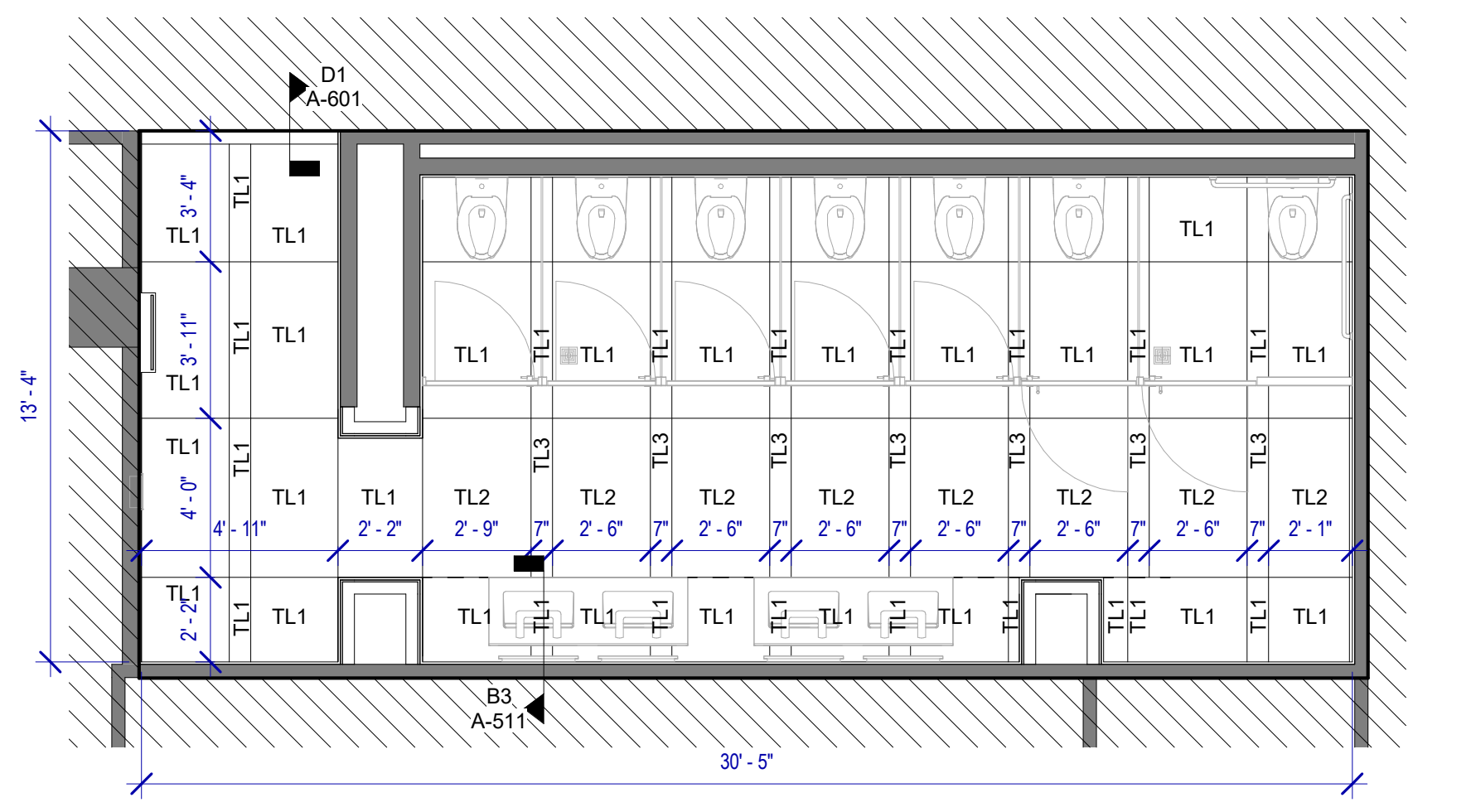
- ALL WALL/CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.9
 - REFER TO SHEET G-002 & G-003 FOR GENERAL NOTES, KEYS AND SYMBOLS.
 - INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL & FINISH KEY OR FROM THE FLOOR PLANS
 - REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH INFORMATION.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND SPECIFICATIONS.
 - ALL WALLS TO RECEIVE BASE 'TB1' U.N.O
 - REFER TO FINISH FLOOR PLANS FOR TRANSITIONS.
 - ALL GYPSUM BOARD CEILINGS TO MATCH ADJACENT EXISTING PAINT FINISH PER HAS STANDARDS
 - PROVIDE 10% ATTIC STOCK ON ALL FINISHES
 - ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCUREMENT
 - PATCH AND REPAIR FINISHES AS REQUIRED DUE TO DEMOLITION WORK AND INSTALLATION OF SIGNAGE & FIXTURES
 - WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS.
 - WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
INSTALL NEW 1/4" CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN WALL TILE.
CONTRACTOR TO PROVIDE ANY SUBSTRATE NECESSARY FOR PATCHING WORK, FOR INSTALLATION OF NEW TRESPA PANEL WALL SYSTEM, PORCELAIN WALL TILE, PORCELAIN FLOOR TILE AND ANY OTHER FINISH REQUIRED PER CONTRACT DOCUMENTS.
- PAINT**
- ALL GWB CEILINGS TO RECEIVE PT01 PAINT
 - ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.
 - ALL EXISTING DOORS TO RECEIVE PT01 PAINT.
- FLOORING**
- LARGE FORMAT TILE TO BE INSTALLED OVER A FRACTURE MEMBRANE PER SPECIFICATIONS.
 - ALL SLABS ON GRADE TO RECEIVE WATER PROOFING AND ARDEX FOR SMOOTH FINISH IF INSTALLING IMPERMEABLE MATERIAL AS SCHEDULED.
 - ALL CHANGES IN FLOOR MATERIAL BETWEEN ROOMS SHALL OCCUR AT THE CENTERLINE OF THE DOOR U.N.O
 - GROUT COLOR TO MATCH ADJACENT STONE / TILES. ALL STONE / TILE SURFACES TO BE FLUSH, NO ABRUPT LIPS OR EDGES. SUBMIT SAMPLES TO BE APPROVED BY ARCHITECT.
 - PROVIDE SOFT JOINT AT ALL TILE INSIDE CORNER CONDITIONS AND 90 DEGREE CORNERS AT FLOOR TILE CORNER. COLOR TO MATCH SCHEDULED GROUT.
 - TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
 - ALL WET AREAS TO RECEIVE EPOXY GROUT.



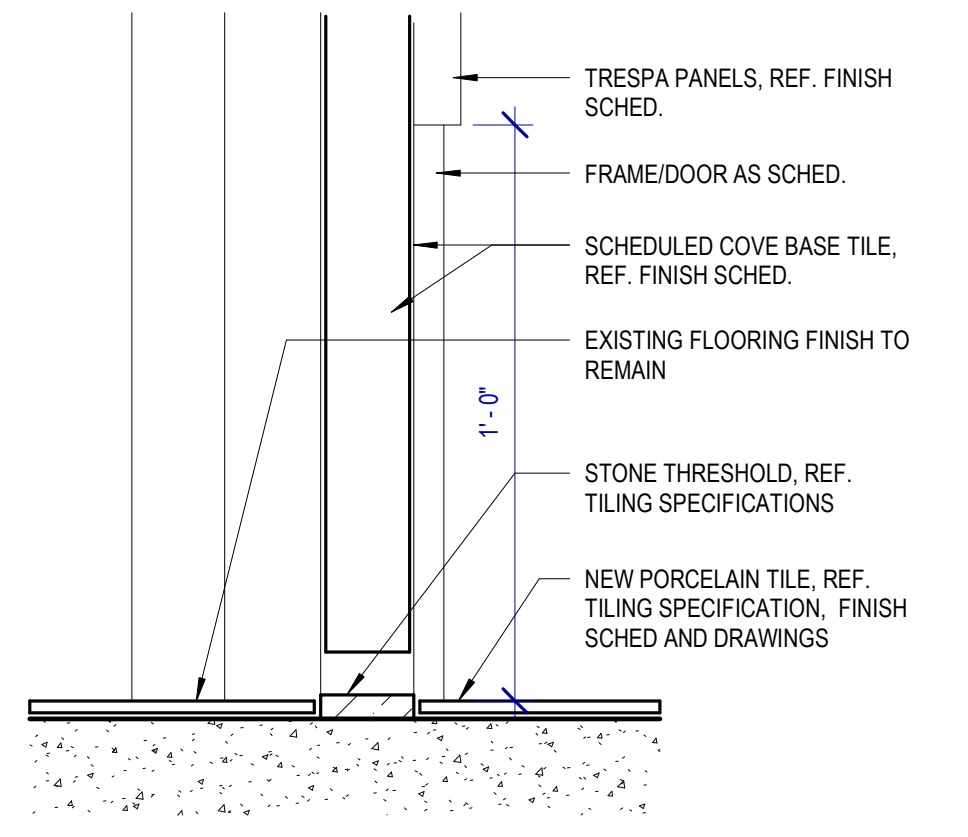
C4 FINISH PLAN - MEN'S RESTROOM GATE D08 AREA
SCALE: 1/4" = 1'-0"



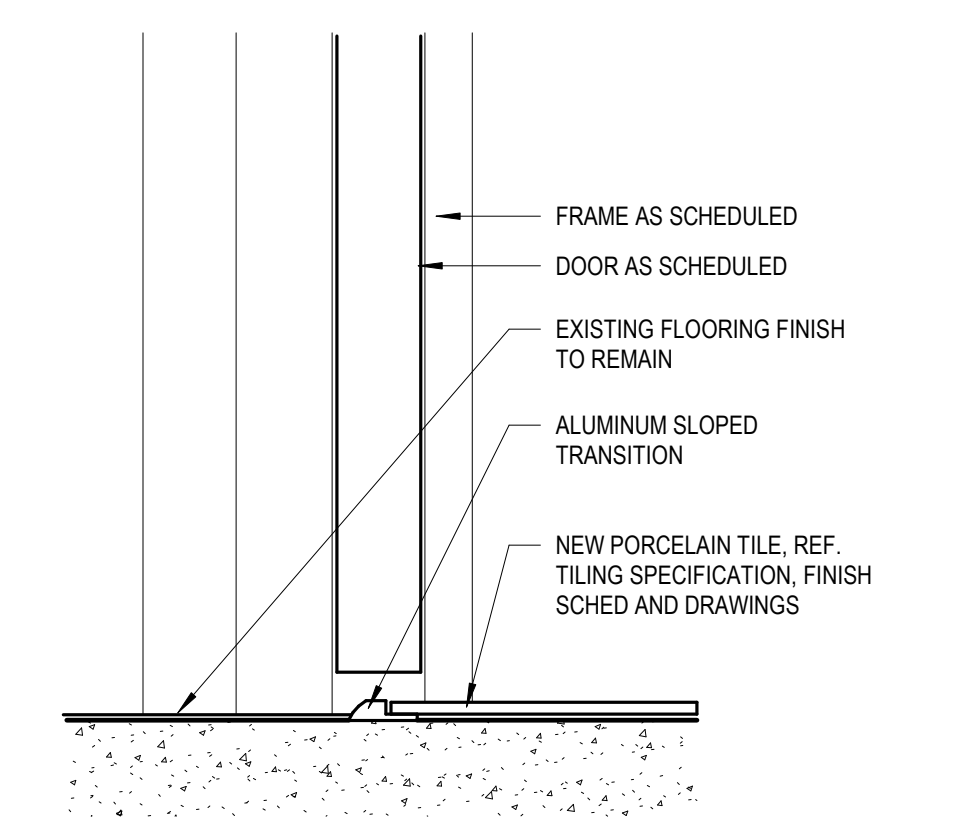
A4 FINISH PLAN - WOMEN'S RESTROOM GATE D07 AREA
SCALE: 1/4" = 1'-0"



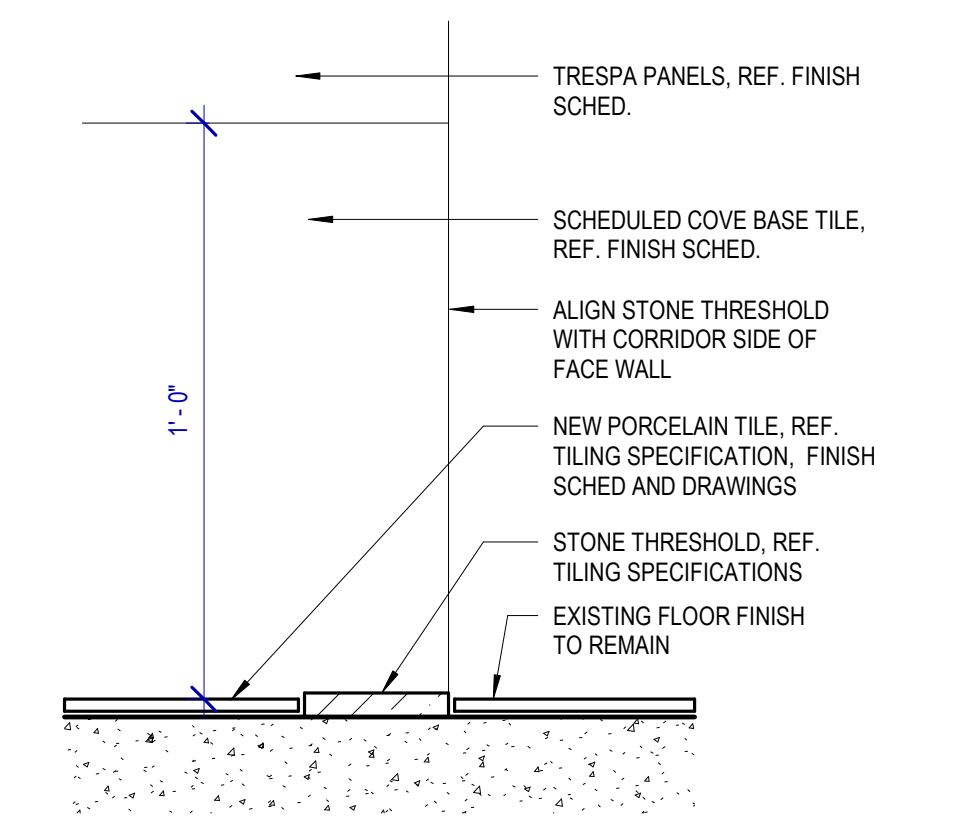
A3 FINISH PLAN - WOMEN'S RESTROOM GATE D09 AREA
SCALE: 1/4" = 1'-0"



B1 FLOOR TRANSITION DETAIL 3
SCALE: 3" = 1'-0"



C1 FLOOR TRANSITION DETAIL 2
SCALE: 3" = 1'-0"



D1 FLOOR TRANSITION DETAIL 1
SCALE: 3" = 1'-0"

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
 HAS FILE:
 PLOT DATE:
 DOA DWG FILE:
 OLD DOA No.:
 PLOT DATE:



3701 North Terminal Road
Houston, Texas 77032

**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
S.G. No. H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers

5599 San Felipe, Suite 1425
Houston, Texas 77056
713.430.5800
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Received Approval Category

IFB
ISSUED FOR BIDDING

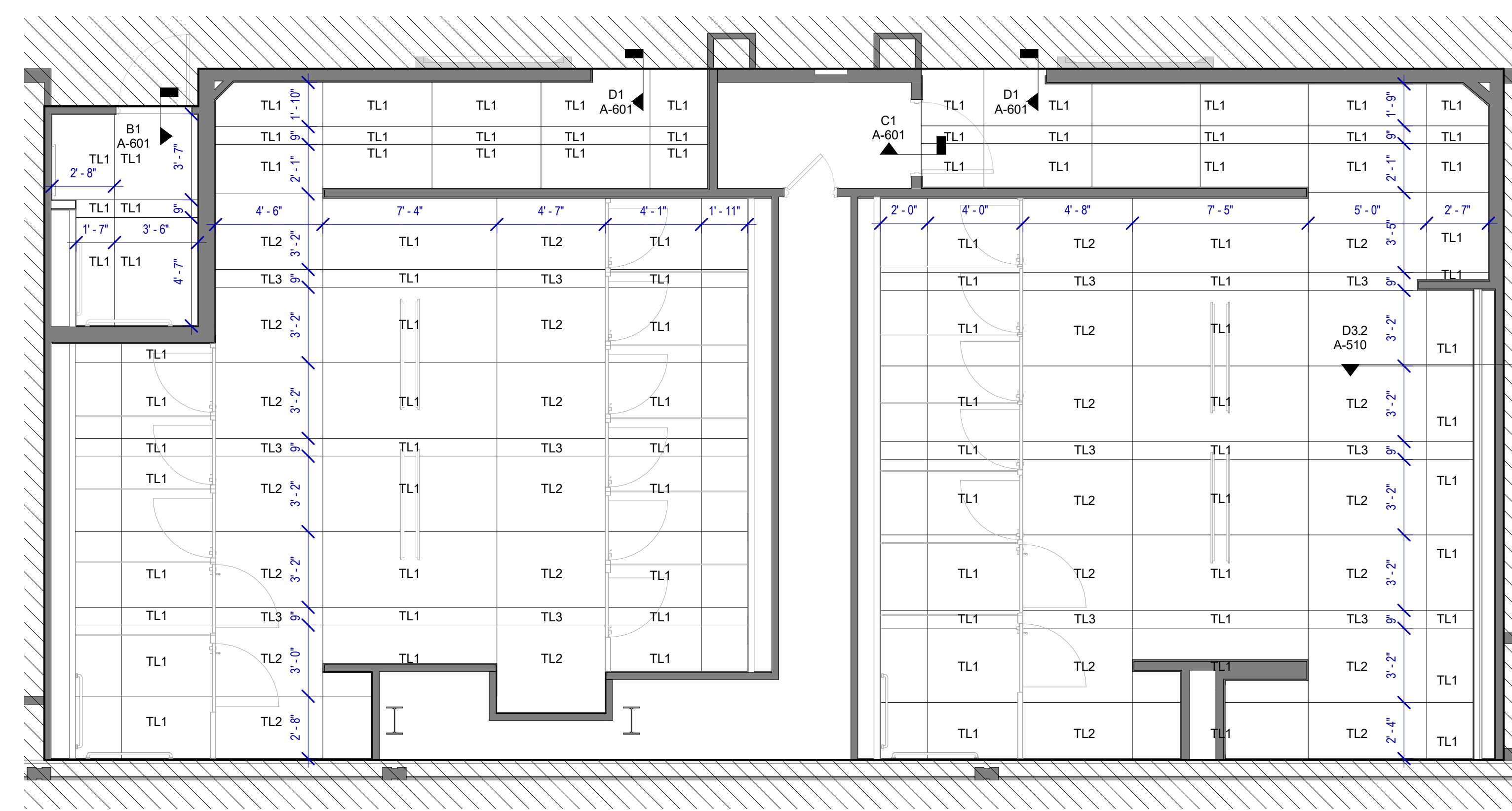
SHEET NAME:
ENLARGED FINISH PLANS - TERMINAL D

SHEET No. **A-602** SCALE: As indicated

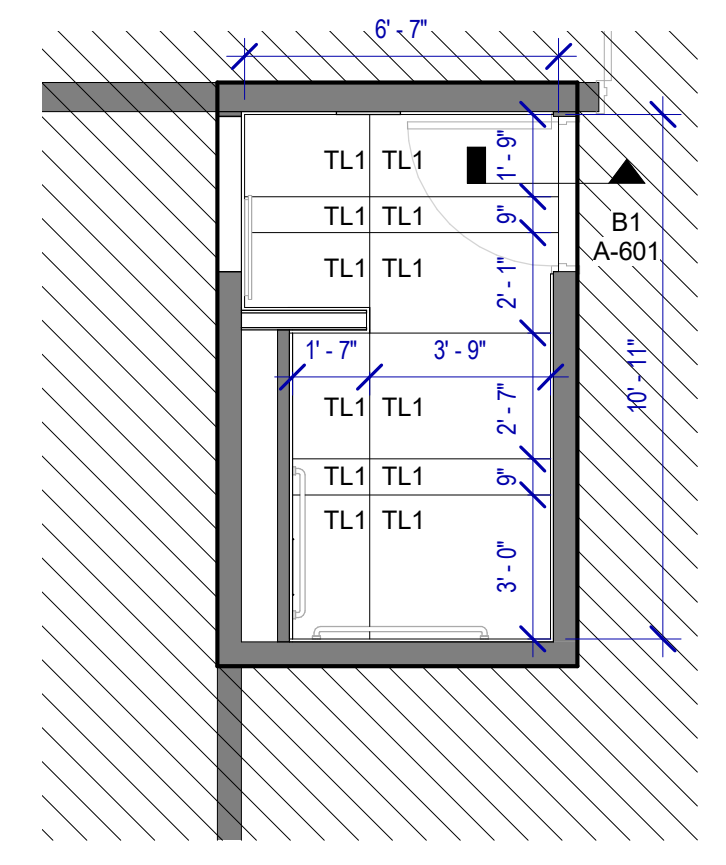
SHEET SIZE: 30"x42" ARCH E1

FINISHES GENERAL NOTES

- ALL WALL/CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.2
 - REFER TO SHEET G-002 & G-003 FOR GENERAL NOTES, KEYS AND SYMBOLS.
 - INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL & FINISH KEY OR FROM THE FLOOR PLANS
 - REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH INFORMATION.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND SPECIFICATIONS.
 - ALL WALLS TO RECEIVE BASE TB1 U.N.O
 - REFER TO FINISH FLOOR PLANS FOR TRANSITIONS.
 - ALL GYPSUM BOARD CEILINGS TO MATCH ADJACENT EXISTING PAINT FINISH PER HAS STANDARDS
 - PROVIDE 10% ATTIC STOCK ON ALL FINISHES
 - ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCUREMENT
 - PATCH AND REPAIR FINISHES AS REQUIRED DUE TO DEMOLITION WORK AND INSTALLATION OF SIGNAGE & FIXTURES
 - WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS.
 - WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
 - INSTALL NEW 1/4" CEMENT BOARD FOR INSTALLATION OF NEW PORCELAIN WALL TILE.
 - CONTRACTOR TO PROVIDE ANY SUBSTRATE NECESSARY FOR PATCHING WORK, FOR INSTALLATION OF NEW TRESPA PANEL WALL SYSTEM, PORCELAIN WALL TILE, PORCELAIN FLOOR TILE AND ANY OTHER FINISH REQUIRED PER CONTRACT DOCUMENTS.
- PAINT**
- ALL GWB CEILINGS TO RECEIVE PT01 PAINT
 - ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.
 - ALL EXISTING DOORS TO RECEIVE PT01 PAINT.
- FLOORING**
- LARGE FORMAT TILE TO BE INSTALLED OVER A FRACTURE MEMBRANE PER SPECIFICATIONS.
 - ALL SLABS ON GRADE TO RECEIVE WATER PROOFING AND ARDEX FOR SMOOTH FINISH IF INSTALLING IMPERMEABLE MATERIAL AS SCHEDULED.
 - ALL CHANGES IN FLOOR MATERIAL BETWEEN ROOMS SHALL OCCUR AT THE CENTERLINE OF THE DOOR U.N.O.
 - GROUT COLOR TO MATCH ADJACENT STONE / TILES. ALL STONE / TILE SURFACES TO BE FLUSH. NO ABRUPT LIPS OR EDGES. SUBMIT SAMPLES TO BE APPROVED BY ARCHITECT.
 - PROVIDE SOFT JOINT AT ALL TILE INSIDE CORNER CONDITIONS AND 90 DEGREE CORNERS AT FLOOR TILE CORNER. COLOR TO MATCH SCHEDULED GROUT.
 - TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
 - ALL WET AREAS TO RECEIVE EPOXY GROUT.



B3 FINISH PLAN - MEN & WOMEN'S RR GATE D16-D17
SCALE: 1/4" = 1'-0"

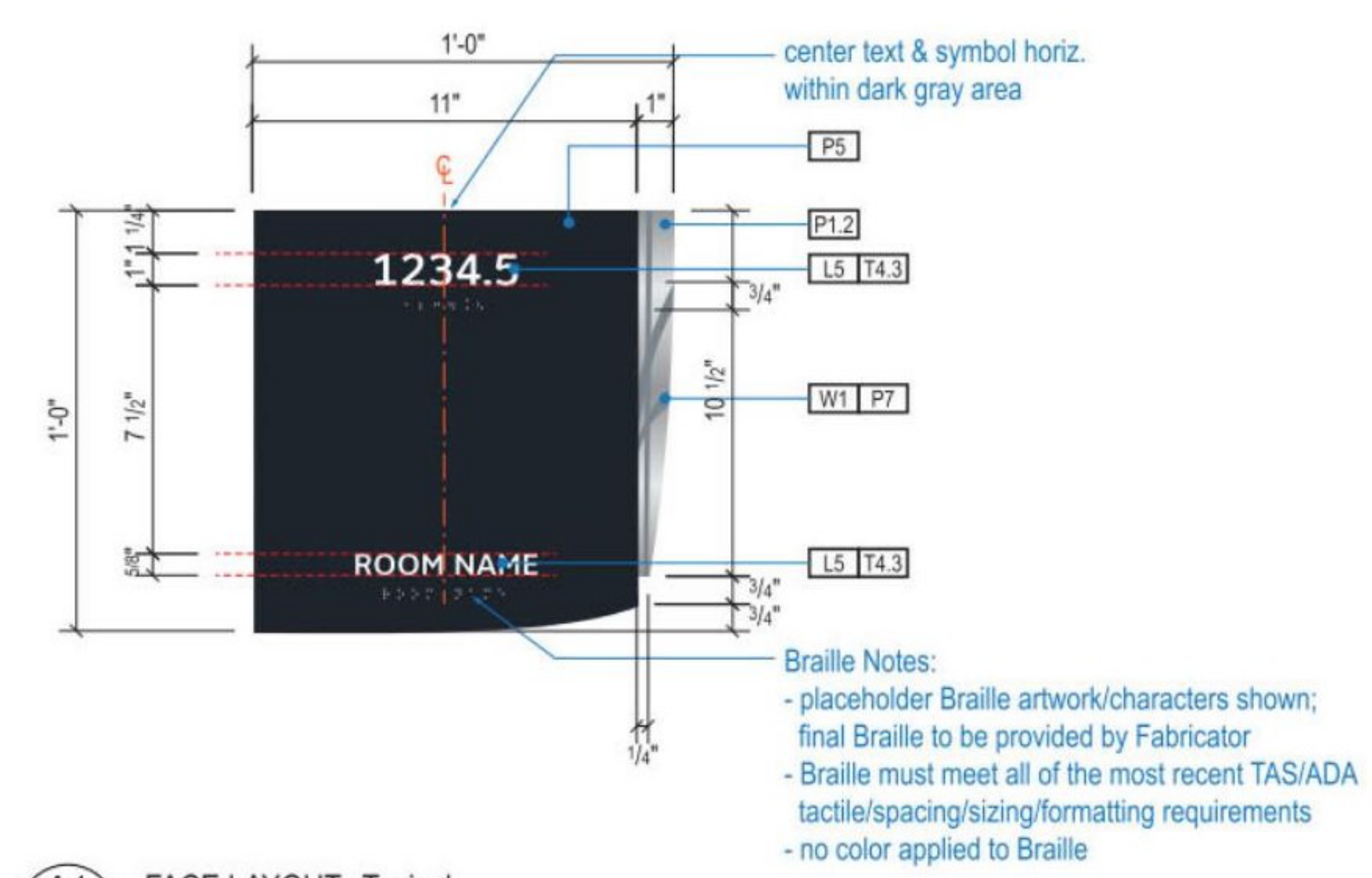


A3 FINISH PLAN - FAMILY RR GATE D16 AREA
SCALE: 1/4" = 1'-0"

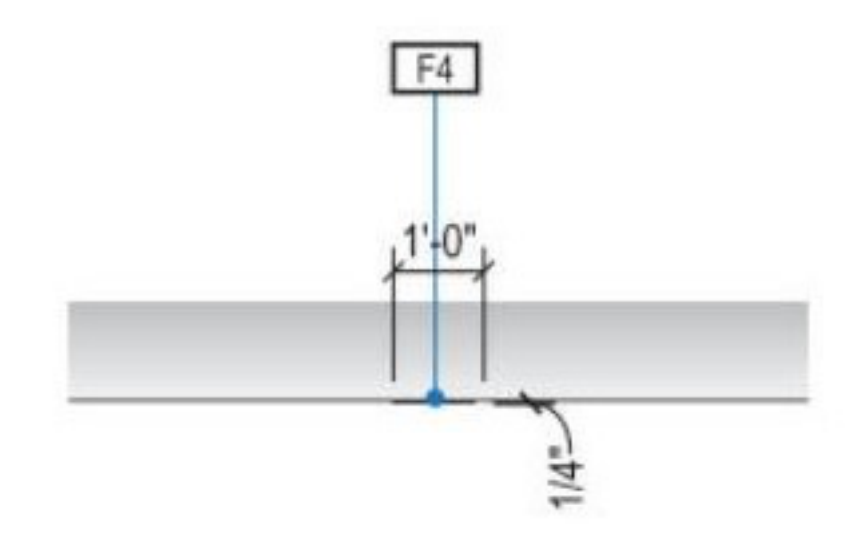
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt]
 HAS FILE:

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

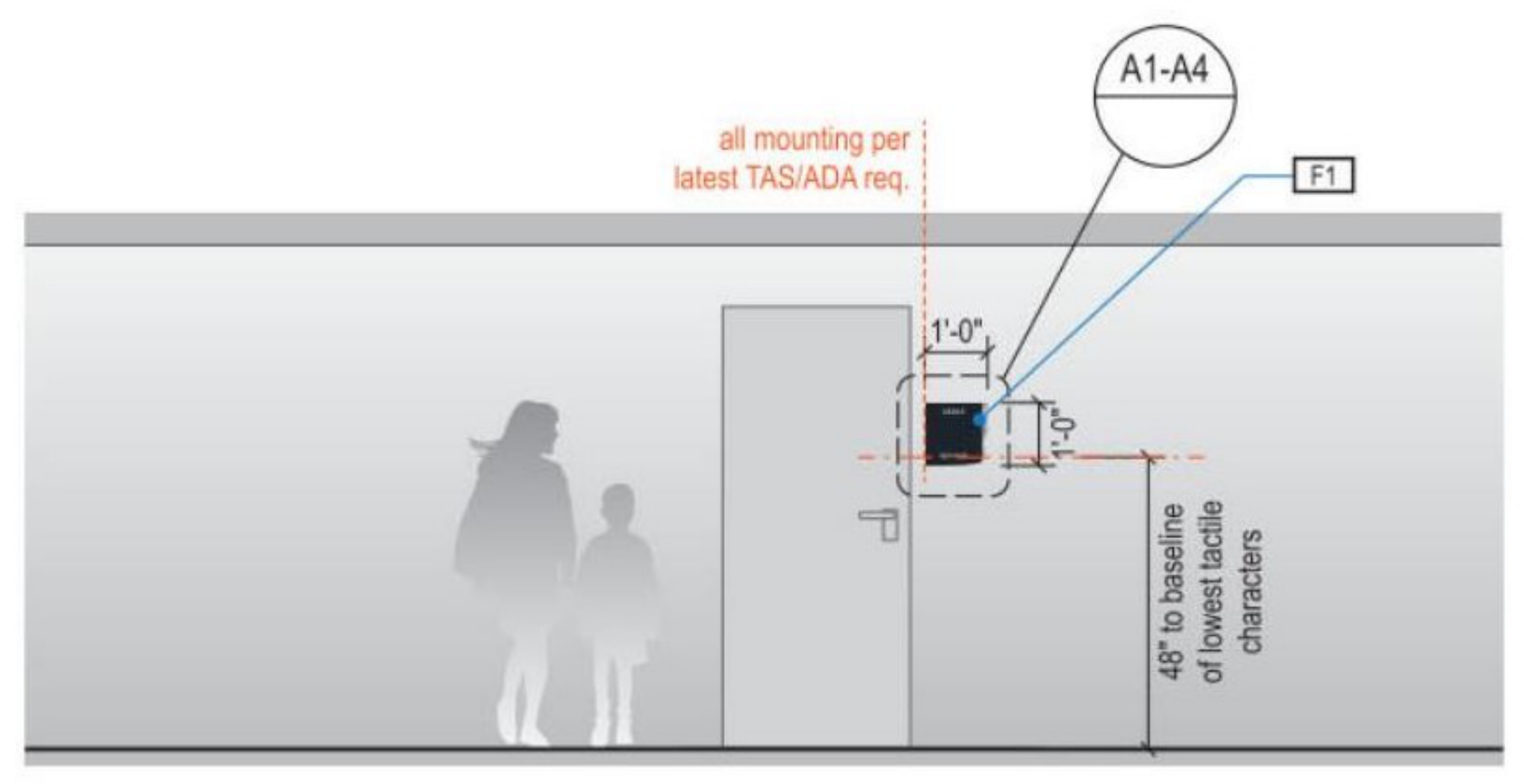
FILE PATH: BIM 360/1429.12_Terminal D Restrooms/1429.12_Terminal D Restrooms.rvt
HAS FILE:



A1 FACE LAYOUT: Typical



1 PLAN VIEW



2 ELEVATION

GENERAL NOTES

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

DESIGN INTENT NOTES

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

LETTERING (TYPEFACES) / SYMBOLS / ARROWS:

- L5 Pedestrian Wayfinding Typeface: ClearviewText Medium
- L6 Supplemental Typeface: Clearview One Book Condensed
- S1 Arrow(s): use only official HAS wayfinding arrows
- S2 Universal Symbols: use only official HAS wayfinding symbols
- W1 Watermark Graphic: use only official HAS "globe" vector art

COLORS:

- NOTES: "D" = digitally printed colors on 3M 7725-20 White unless otherwise noted; "P" = Matthews Acrylic Polyurethane (MAP) paint (or equal), satin finish; "V" = 3M vinyl films (or equal); "T" = tactile
- V4.1 White: 3M 7725-20 White Opaque
 - D5 Dark Gray: match PMS 433C
 - D6 Med. Dark Gray: match PMS 432C
 - D13 Green (Ecopark): match PMS 349C
 - D17 Blue (Garage): match PMS 300C
 - D19 Red (Garage): match PMS 187C
 - P1.2 Silver: MAP paint MP33172 Silver Surfer Metallic
 - P4 White: MAP paint MP N202 White
 - P5 Dark Gray: MAP paint matched to PMS 433C
 - P7 Neutral Watermark: MAP paint matched to PMS 430C
 - T4.3 Tactile White: White to match V4.1

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers

5599 San Felipe, Suite 1425 Houston, Texas 77056 713.430.5800 www.hendersonrogers.com

PGA ENGINEERS, INC

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: GP
DRAWN BY: GP
CHECKED BY: DO
ISSUE DATE: 03/15/2024
APPROVED BY: DANIEL ORTIZ
APPROVAL DATE: 03/15/2024

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

REGISTERED ARCHITECT DANIEL ORTIZ STATE OF TEXAS 05.15.24

SHEET NAME: ROOM SIGNAGE
SHEET No. A-603 SCALE:
SHEET SIZE: 30"x42" ARCH E1

STRUCTURAL GENERAL NOTES

PART I - DESIGN CRITERIA

- A. GENERAL BUILDING CODE
1. THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2015 WITH CITY OF HOUSTON AMENDMENTS.
B. DEAD LOADS
1. ORIGINAL DESIGN LOADS: FLOORING FINISHES 30 PSF, MECH. AND CEILING 15 PSF
C. LIVE LOADS
1. ORIGINAL DESIGN LOADS: FLOOR LIVE LOAD 100 PSF
NOTES:
A. UNIFORM LOAD REQUIRED IS THE SAME AS THE OCCUPANCY SERVED.
2. REDUCTION OF LIVE LOADS:
A. LIVE LOADS HAVE BEEN REDUCED USING THE STANDARD PROCEDURE FROM THE BUILDING CODE.
B. NO LIVE LOAD REDUCTION HAS BEEN APPLIED FOR THE ROOF.
C. FOR LIVE LOADS EXCEEDING 100 POUNDS PER SQUARE FOOT, NO REDUCTION HAS BEEN MADE, EXCEPT THAT THE DESIGN LIVE LOAD ON MEMBERS SUPPORTING TWO OR MORE FLOORS HAS BEEN REDUCED A MAXIMUM OF 20 PERCENT BUT THE LIVE LOAD IS NOT TO BE LESS THAN THAT CALCULATED BY THE FORMULA ABOVE.

PART II - STRUCTURAL STEEL

- A. MATERIAL
1. HOT ROLLED STRUCTURAL MEMBERS: ALL HOT ROLLED STEEL PLATES, SHAPES, AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM SPECIFICATION.
2. ASTM SPECIFICATION AND GRADE: CLEARLY MARK THE GRADE OF STEEL ON EACH PIECE, WITH A DISTINGUISHING MARK VISIBLE FROM FLOOR SURFACES, FOR THE PURPOSE OF FIELD INSPECTION OF PROPER GRADE OF STEEL. UNLESS NOTED OTHERWISE ON THE DRAWINGS, STRUCTURAL STEEL SHALL BE AS FOLLOWS:
A. HSS: ASTM A 500, GRADE B (FY=46 KSI)
B. CHANNELS AND PLATES: ASTM A36
C. CONNECTION MATERIAL
1) ALL CONNECTION MATERIAL, EXCEPT AS NOTED OTHERWISE HEREIN OR ON THE DRAWINGS, INCLUDING BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, FILLER PLATES, ANGLES, ETC. SHALL CONFORM TO ASTM A 36 UNLESS A HIGHER GRADE OF STEEL IS REQUIRED BY STRENGTH AND PROVIDED THE RESULTING SIZES ARE COMPATIBLE WITH THE CONNECTED MEMBERS.
D. OTHER STEEL: ANY OTHER STEEL NOT INDICATED OTHERWISE SHALL CONFORM TO ASTM A 992 OR ASTM A 572, GRADE 50, EXCEPT PLATES AND ANGLES THAT SHALL BE ASTM A 36.
B. CONNECTIONS
1. IF INCLUDED, REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
C. STRUCTURAL BOLTS AND THREADED FASTENERS
1. A 325 BOLTS: ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A 325 TYPE 1, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
D. WELDING
1. UNLESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO E70XX (SMAW), F7XX-EXXX (SAW), E70S-X (GMAW), OR E7XT-X (FCM).

PART III - MISCELLANEOUS

- A. CONTRACT DOCUMENTS
1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.
2. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.
B. DRAWING CONFLICTS
1. THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
C. CONFLICTS IN STRUCTURAL REQUIREMENTS
1. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
D. EXISTING CONDITIONS
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
2. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.
3. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION DOCUMENTS AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
4. DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
5. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS ENGINEER.
6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES AND DUCT WORK PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
7. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.
E. CONTRACTOR SUBSTITUTIONS
1. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
a. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
b. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED IN ACCORDANCE WITH DIVISION 0001 ON SUBSTITUTIONS WITH THE REQUEST.
1) THE ICC-ESR (EVALUATION SERVICE REPORT) THAT IS SUBMITTED MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT IS PERMITTED.
2) ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED.
2. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.

PART IV - DRAWING INTERPRETATION

- A. DRAWING VIEWS LABELED AS "TYPICAL"
1. PARTIAL PLANS, ELEVATIONS, SECTIONS, DETAILS, OR SCHEDULES LABELED WITH "TYPICAL" AT THE BEGINNING OF THEIR TITLE SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY SHOWN. THE APPLICABILITY OF THE CONTENT OF THESE VIEWS TO LOCATIONS ON THE PLAN CAN BE DETERMINED FROM THE TITLE OF THE VIEWS. SUCH VIEWS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. DECISIONS REGARDING APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.

PART V - SPECIAL INSPECTIONS

- A. QUALITY ASSURANCE AND SPECIAL INSPECTIONS
1. OWNER WILL ENGAGE AN INDEPENDENT TESTING AGENCY TO PERFORM THE FOLLOWING INSPECTION AND TESTING IN ACCORDANCE WITH THE REQUIREMENTS OF IBC SECTION 1704, 1707, AND 1708. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PRIOR NOTICE FOR COMPLETION OF SUCH:
2. SPECIAL INSPECTION SHALL BE REQUIRED FOR THE FOLLOWING TYPES OF WORK:
- FIELD WELDING (EXCEPT STEEL STUDS, FURRING CHANNELS, ETC.),
- HIGH STRENGTH BOLTING
- ANCHOR STUDS
- EMBEDDED PLATES AND EXPANSION TYPE ANCHOR BOLTS.
- COLD FORMED METAL STUD FRAMING.
3. TEN (10) PERCENT OF DRILLED-IN, EPOXY OR GROUT SET ANCHORS SHALL BE PROOF TESTED TO TWO (2) TIMES ALLOWABLE TENSION, NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF ANY FAILURE SO ADDITIONAL TESTING OF ADJACENT ANCHORS CAN BE DIRECTED.
4. QUALITY ASSURANCE PLAN SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1705.

PART VI - COLD-FORMED STEEL

- A. COLD-FORMED STEEL STRUCTURAL MEMBERS
1. STEEL STRUCTURAL MEMBERS SHALL BE THE SIZE AND GAUGE SHOWN ON THE DRAWINGS. ALL STUDS, JOISTS AND TRACK SHALL CONFORM TO THE METAL STUD MANUFACTURER'S ASSOCIATION SPECIFICATIONS, ICBO NO. 4943. MEMBERS SHALL BE FORMED FROM STEEL HAVING A MINIMUM 33,000 PSI YIELD POINT FOR 25 GAUGE THROUGH 18 GAUGE AND A MINIMUM 50,000 PSI YIELD POINT FOR 18 GAUGE THROUGH 12 GAUGE.
2. WELDING OF STEEL STRUCTURAL MEMBER CONNECTIONS SHALL BE DONE USING FILLET, BUTT OR SEAM WELDS WITH A MINIMUM 3/32" AWS TYPE 6013 WELDING RODS. ALL WORK SHALL BE COMPLETED BY WELDERS QUALIFIED IN WELDING OF SHEET STEEL IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.3 STANDARDS.
3. WELDED OR SCREWED SPLICES SHALL BE USED FOR ALL CONTINUOUS TRACKS. WIRE TYING OF STUD FRAMING COMPONENTS SHALL NOT BE PERMITTED.
4. STEEL STRUCTURAL STUD WALL BRIDGING SHALL BE SPACED EVENLY AT 5'-0" O.C. MAX. WHERE GYPSUM WALL BOARD INSTALLED PER IBC SECTION 2508 DOES NOT CONTINUE FULL HEIGHT ON BOTH SIDES OF THE WALL.
5. WEB PUNCH-OUTS SHOULD BE COORDINATED WITH BRACING AND UTILITY REQUIREMENTS. WEB PUNCH-OUTS OR WEB OPENINGS SHOULD NOT BE LOCATED AT STUD OR JOIST BEARING POINTS.
6. STEEL STRUCTURAL STUD TRACK OF THE SAME GAUGE AS THE STUDS SHALL BE USED AT THE TOP AND BOTTOM OF ALL STUD WALLS. STUDS SHALL SIT FLAT AGAINST THE WEB OF THE STUD TRACK AND BE ATTACHED WITH 1-#8 x 1/2" SCREW EACH SIDE OF EACH STUD, UNLESS NOTED OTHERWISE.
7. SCREWS SHALL BE SELF-DRILLING AND TYPE S-12, ASTM C-864, EXCEPT THAT TYPE S, ASTM C-1002, MAY BE USED FOR 20 GAUGE OR 22 GAUGE MATERIAL ONLY. SCREWS SHALL BE 3/8" TO 1/2" LONGER THAN TOTAL MATERIAL THICKNESS.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS
C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003
713.868.3121 www.rdlr.com

JONES ENGINEERS, L.P.

HENDERSON ROGERS structural engineers
5599 San Felipe, Suite 1425, Houston, Texas 77056
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS
No. DESCRIPTION DATE BY

DESIGN BY: MP
DRAWN BY: HT
CHECKED BY: ER
ISSUE DATE: 03.15.24
APPROVED BY: ELAINE ROGERS
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING
Henderson Rogers Structural Engineers, LLC
TBPE Firm Registration No. 8755
K. Elaine Rogers
03/15/2024

SHEET NAME: GENERAL NOTES
SHEET No. S-001 SCALE:
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360//1429-12_Terminal D Restrooms/211240_Terminal D Restrooms_S20.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. **BSG-2022-139-IAH** H.A.S. No.
ITRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers
5599 San Felipe, Suite 1425,
Houston, Texas 77056
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: **MP**
DRAWN BY: **HT**
CHECKED BY: **ER**
ISSUE DATE: **03.15.24**
APPROVED BY: **ELAINE ROGERS**
APPROVAL DATE: **03.15.24**

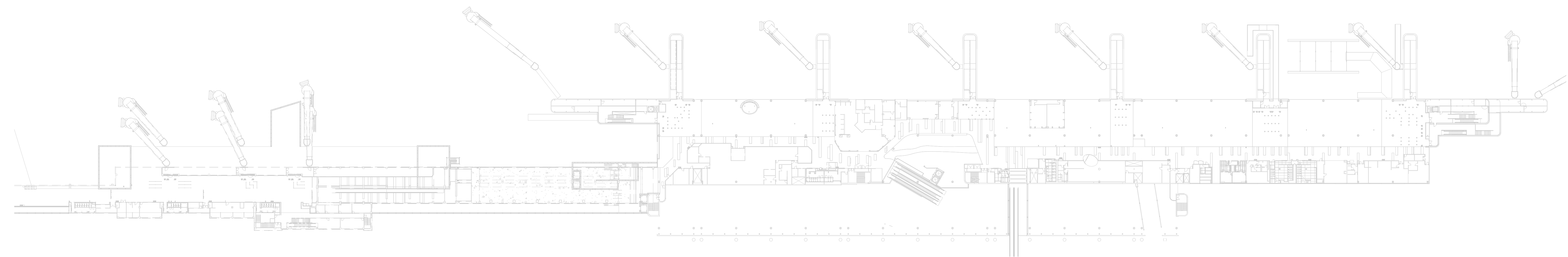
**DIRECTOR
of
HOUSTON AIRPORT SYSTEM**

Review/Approval Category
IFB
ISSUED FOR BIDDING

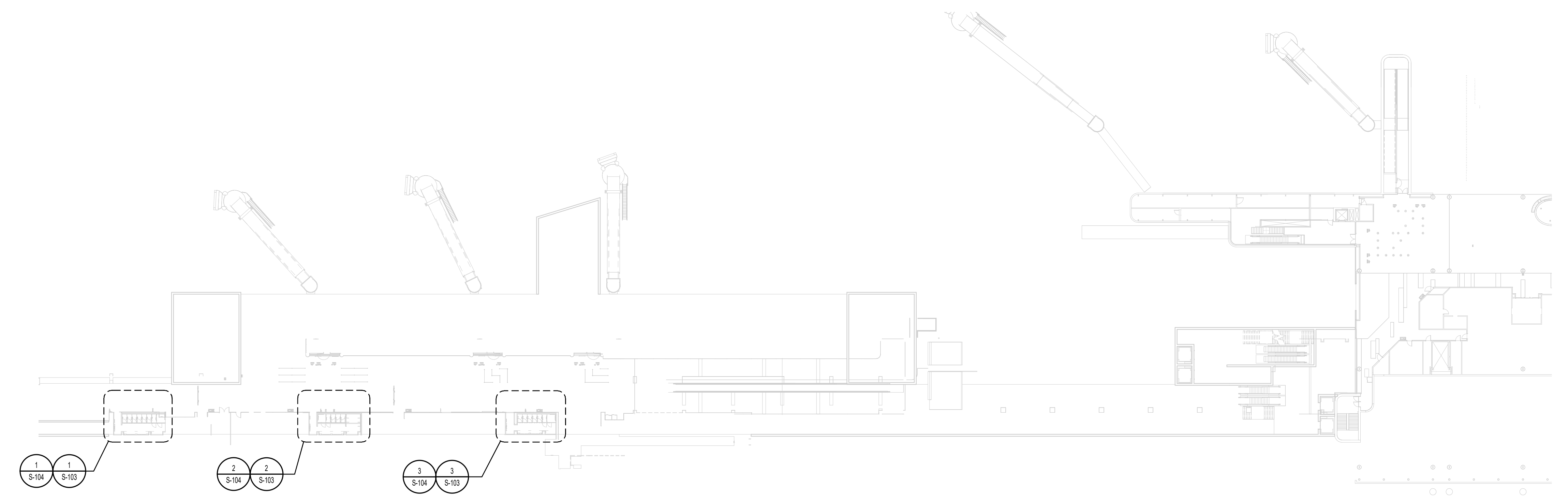
Henderson Rogers
Structural Engineers, LLC
TBPE Firm Registration No. 8755

SHEET NAME: **OVERALL PLAN & TERMINAL LEVELS**
SHEET No. **S-100** SCALE: **As indicated**

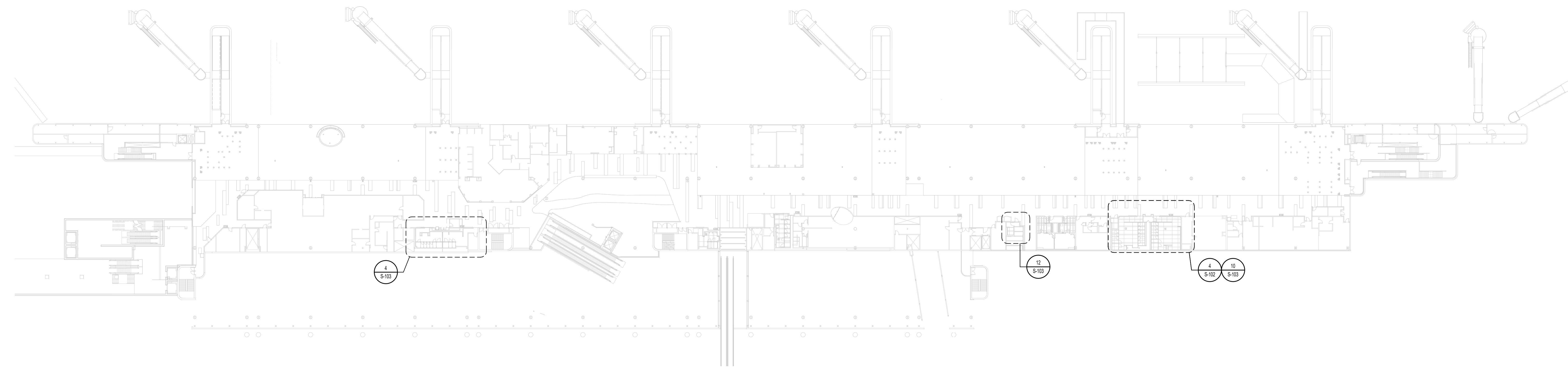
SHEET SIZE: **30"x42" ARCH E1**



1 OVERALL SITE PLAN
SCALE: 1" = 60'-0"



2 CD CONNECTOR DEPARTURES LEVEL
SCALE: 1" = 40'-0"

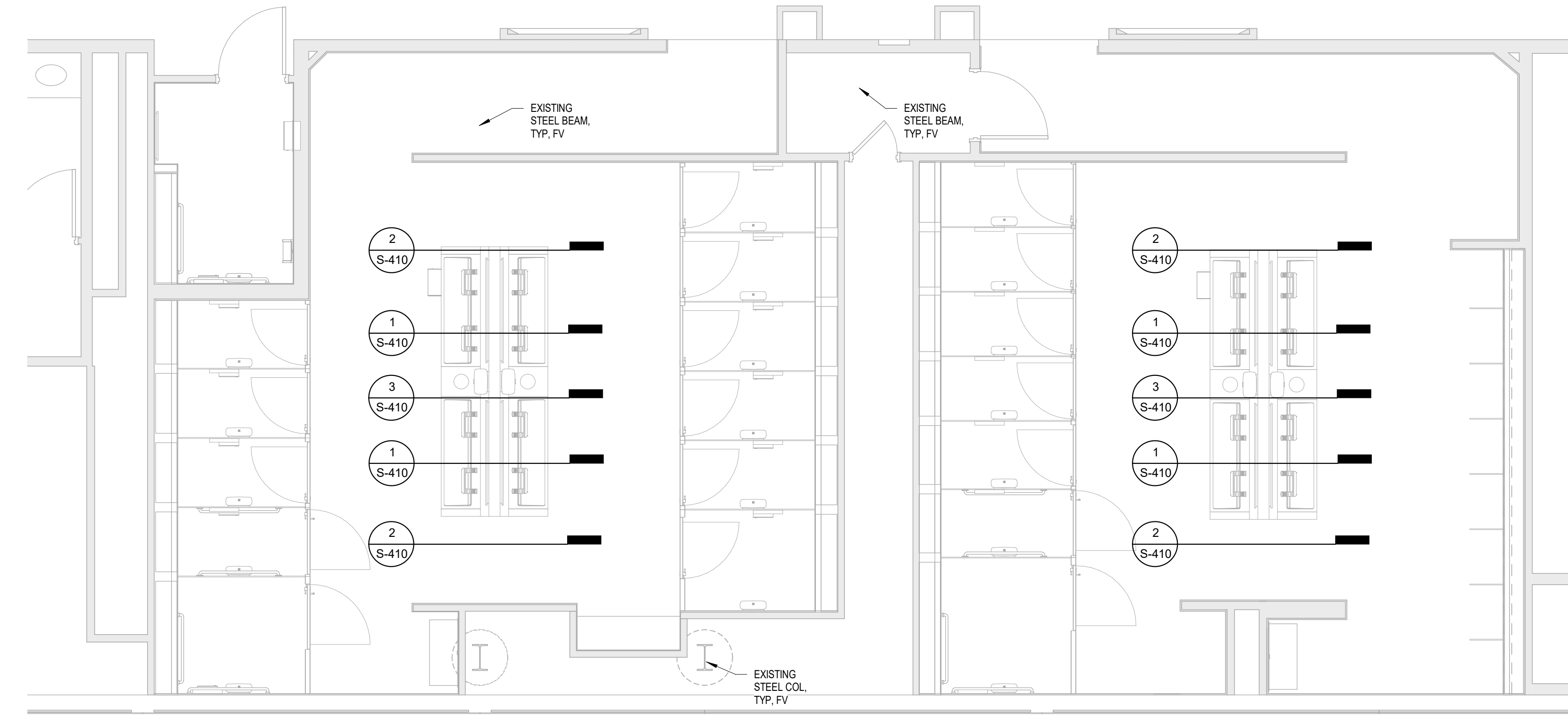


3 TERMINAL D DEPARTURES LEVEL
SCALE: 1" = 40'-0"

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360//1429.12 Terminal D Restrooms/211240_Terminal D Restrooms_S20.rvt
 HAS FILE:

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

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/211240_Terminal D Restrooms_S20.rvt
HAS FILE:



PLAN NOTES:

- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION AND ERECTION OF ANY STRUCTURAL OR ARCHITECTURAL COMPONENTS.
- DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING STRUCTURE SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. CORES AND OPENINGS FOR NEW PLUMBING FIXTURES MUST ONLY BE LOCATED WITHIN THE PAN SLABS, NOT THROUGH BEAMS, JOISTS OR COLUMNS.
- THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.
- CONTRACTOR SHALL ENSURE THAT NO REINFORCEMENT IS CUT OR OTHERWISE DAMAGED DURING THE COURSE OF CONSTRUCTION OPERATIONS. EDGES OF CORES AND ANCHORS ARE TO BE LOCATED AS FAR AS POSSIBLE FROM REINFORCING, AND IN NO CASE CLOSER THAN 2 INCHES. PRIOR TO ANY DRILLING, CORING, CHIPPING, PLACEMENT OF ANCHORS, OR ANY OTHER PENETRATION OF EXISTING CONCRETE, INSTALLER SHALL ACCURATELY DETERMINE THE LOCATION OF REINFORCEMENT BY USE OF GROUND PENETRATING RADAR (GPR) OR OTHER APPROVED NON-DESTRUCTIVE METHODS.

4 ENLARGED PLAN - MEN & WOMEN'S RR GATE D16-D17
SCALE: 1/4" = 1'-0"



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. **BSG-2022-139-IAH** H.A.S. No.
ITRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers

5599 San Felipe, Suite 1425,
Houston, Texas 77056
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:

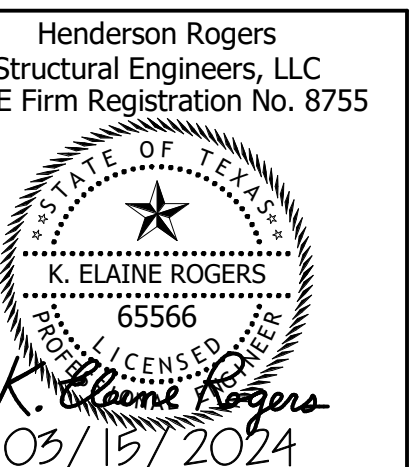
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: **MP**
DRAWN BY: **HT**
CHECKED BY: **ER**
ISSUE DATE: **03.15.24**
APPROVED BY: **ELAINE ROGERS**
APPROVAL DATE: **03.15.24**

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



SHEET NAME: **ENLARGED RR FLOOR PLANS - TERMINAL D**

SHEET No. **S-102** SCALE: **As indicated**

SHEET SIZE: **30"x42" ARCH E1**



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. **BSG-2022-139-IAH** H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers

5599 San Felipe, Suite 1425,
Houston, Texas 77056
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: **MP**
DRAWN BY: **HT**
CHECKED BY: **ER**
ISSUE DATE: **03.15.24**
APPROVED BY: **ELAINE ROGERS**
APPROVAL DATE: **03.15.24**

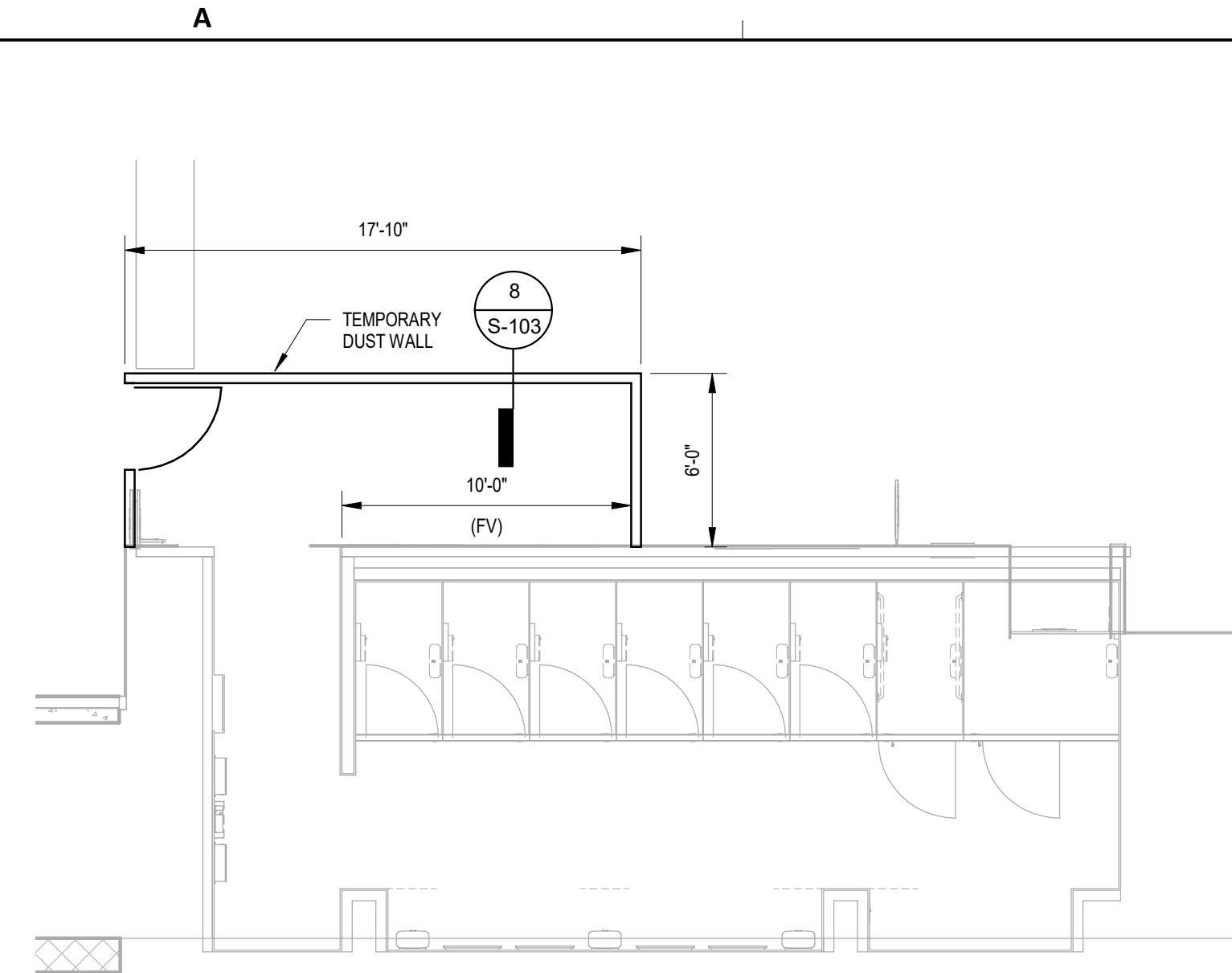
**DIRECTOR
of
HOUSTON AIRPORT SYSTEM**

Reviewed/Approval Category
IFB
ISSUED FOR BIDDING

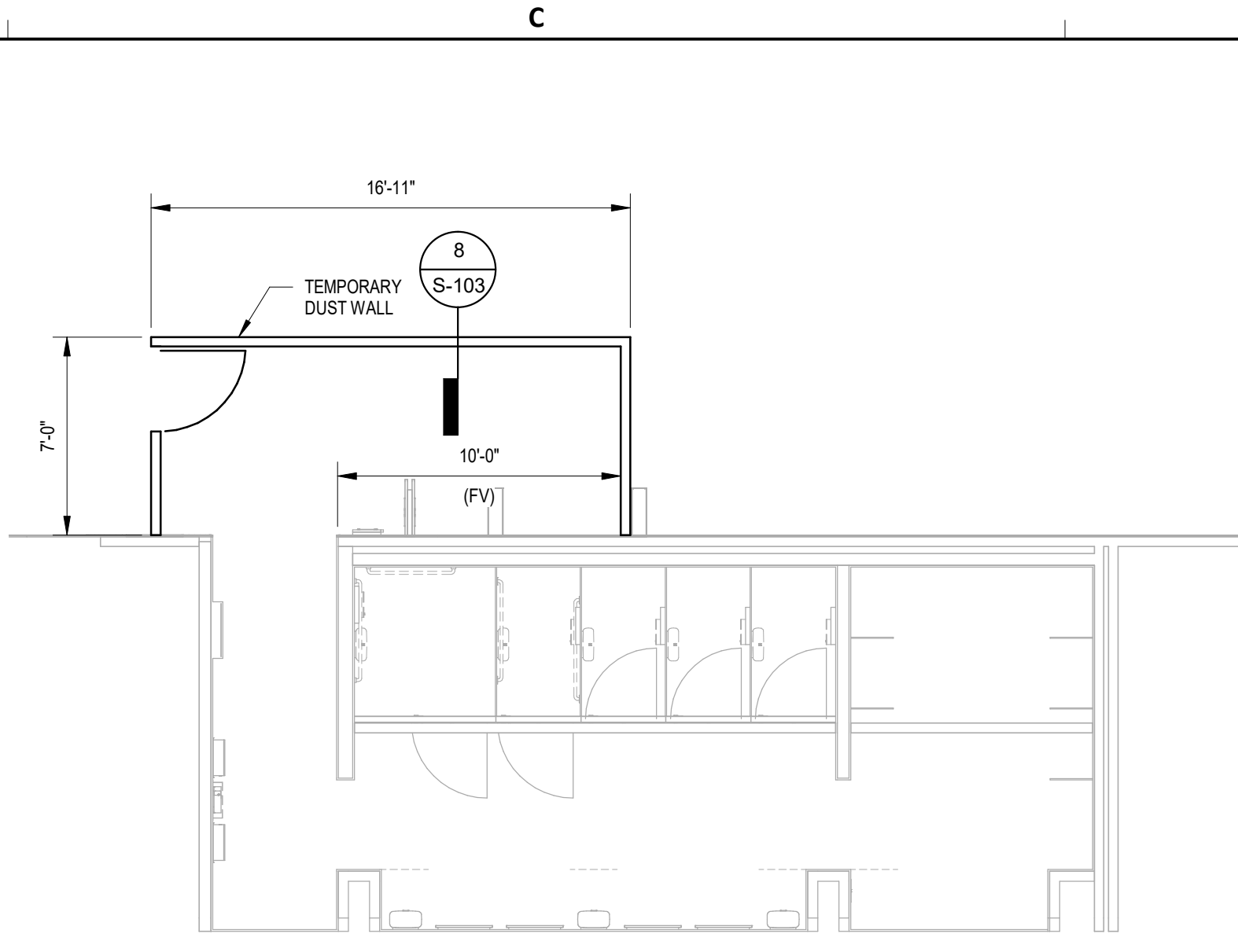
Henderson Rogers
Structural Engineers, LLC
TBPE Firm Registration No. 8755

STATE OF TEXAS
K. ELAINE ROGERS
65566
03/15/2024

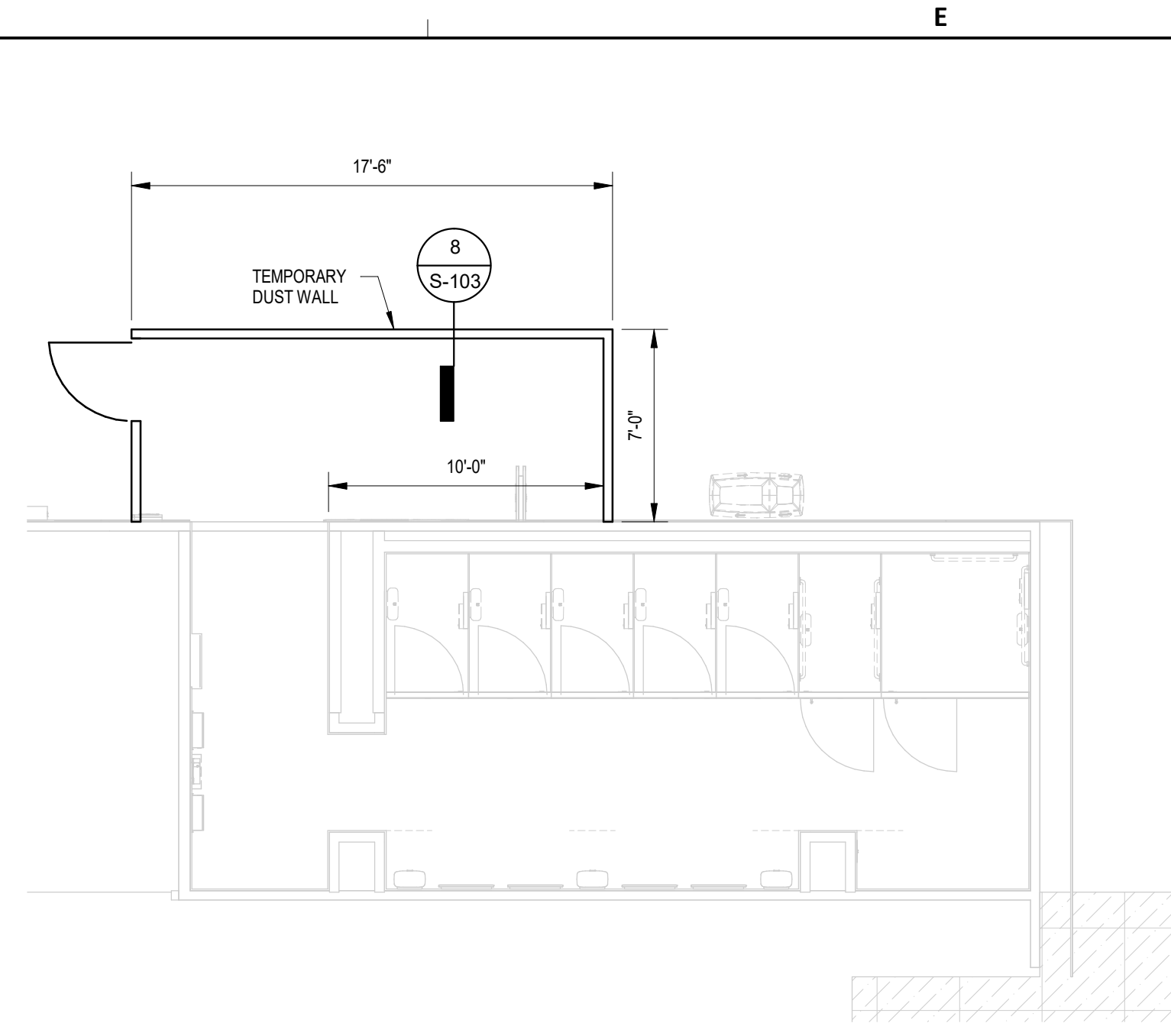
SHEET NAME: **ENLARGED FLOOR FRAMING RESTROOMS
PLAN**
SHEET No. **S-103** SCALE: **As indicated**
SHEET SIZE: **30"x42" ARCH E1**



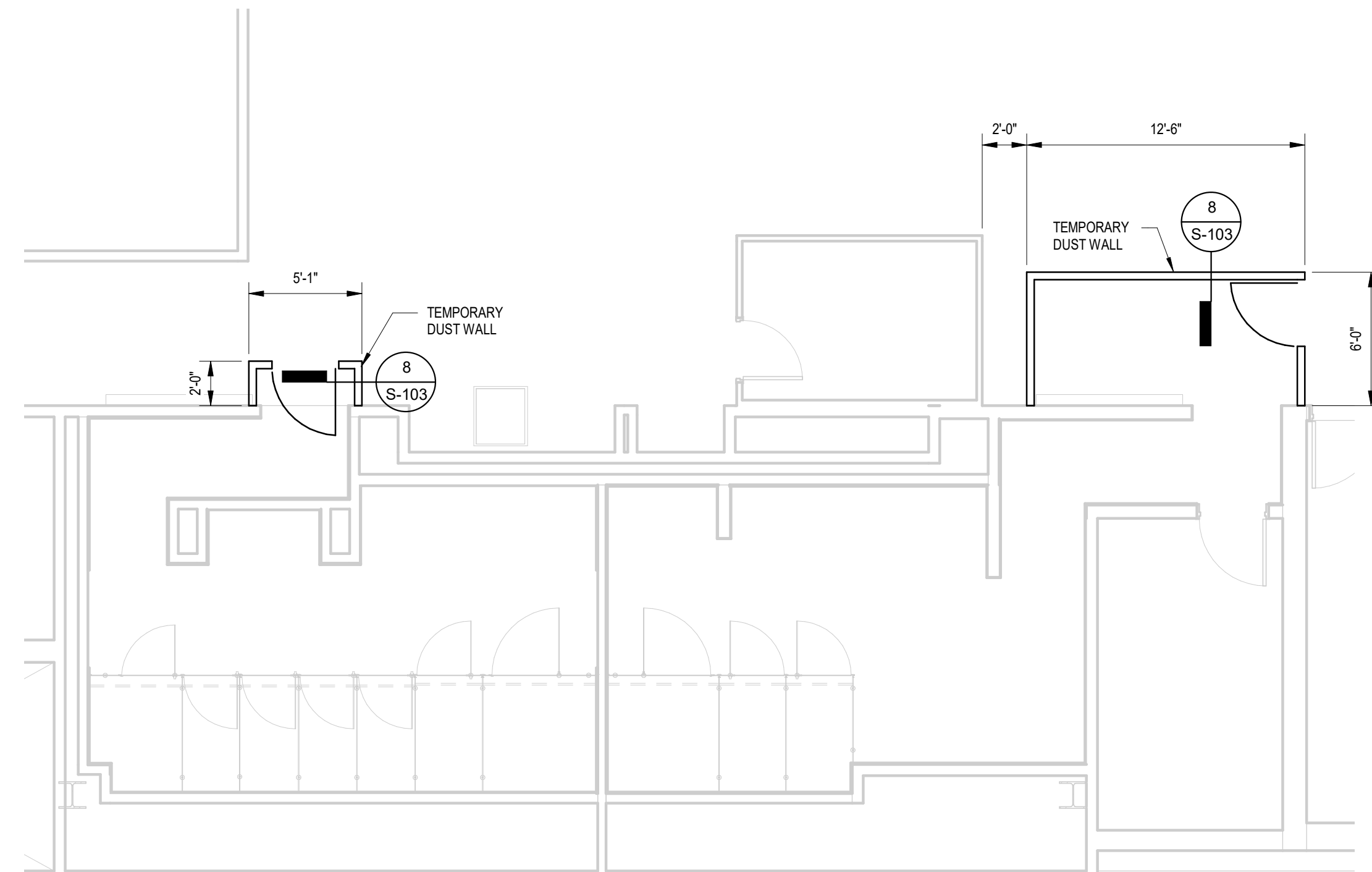
1 ENLARGED PLAN - WOMEN'S REST GATE D7 - PHASE 3
SCALE: 3/16" = 1'-0"



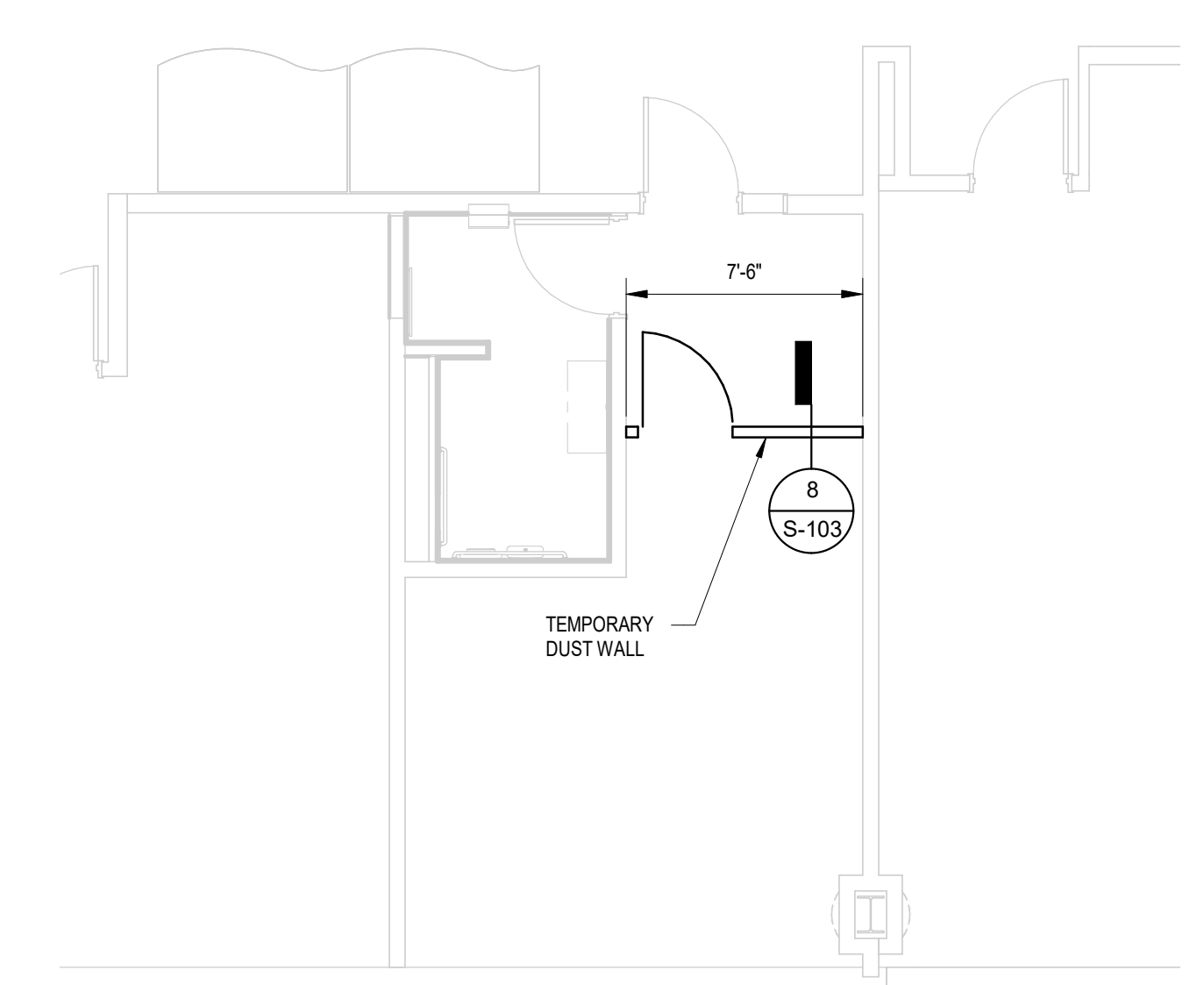
2 ENLARGED PLAN - MEN'S REST GATE D8 - PHASE 1
SCALE: 3/16" = 1'-0"



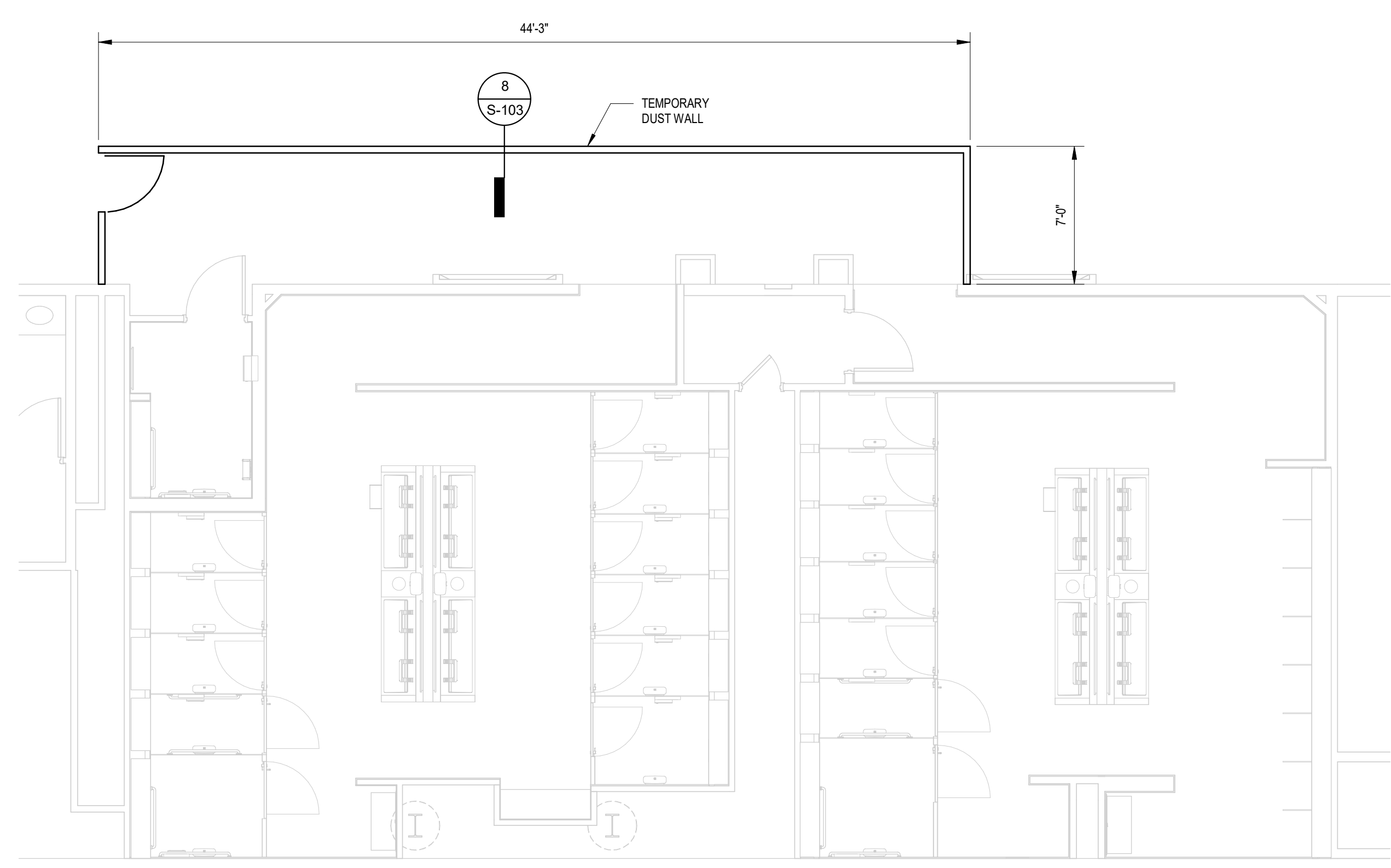
3 ENLARGED PLAN - WOMEN'S REST GATE D9 - PHASE 2
SCALE: 3/16" = 1'-0"



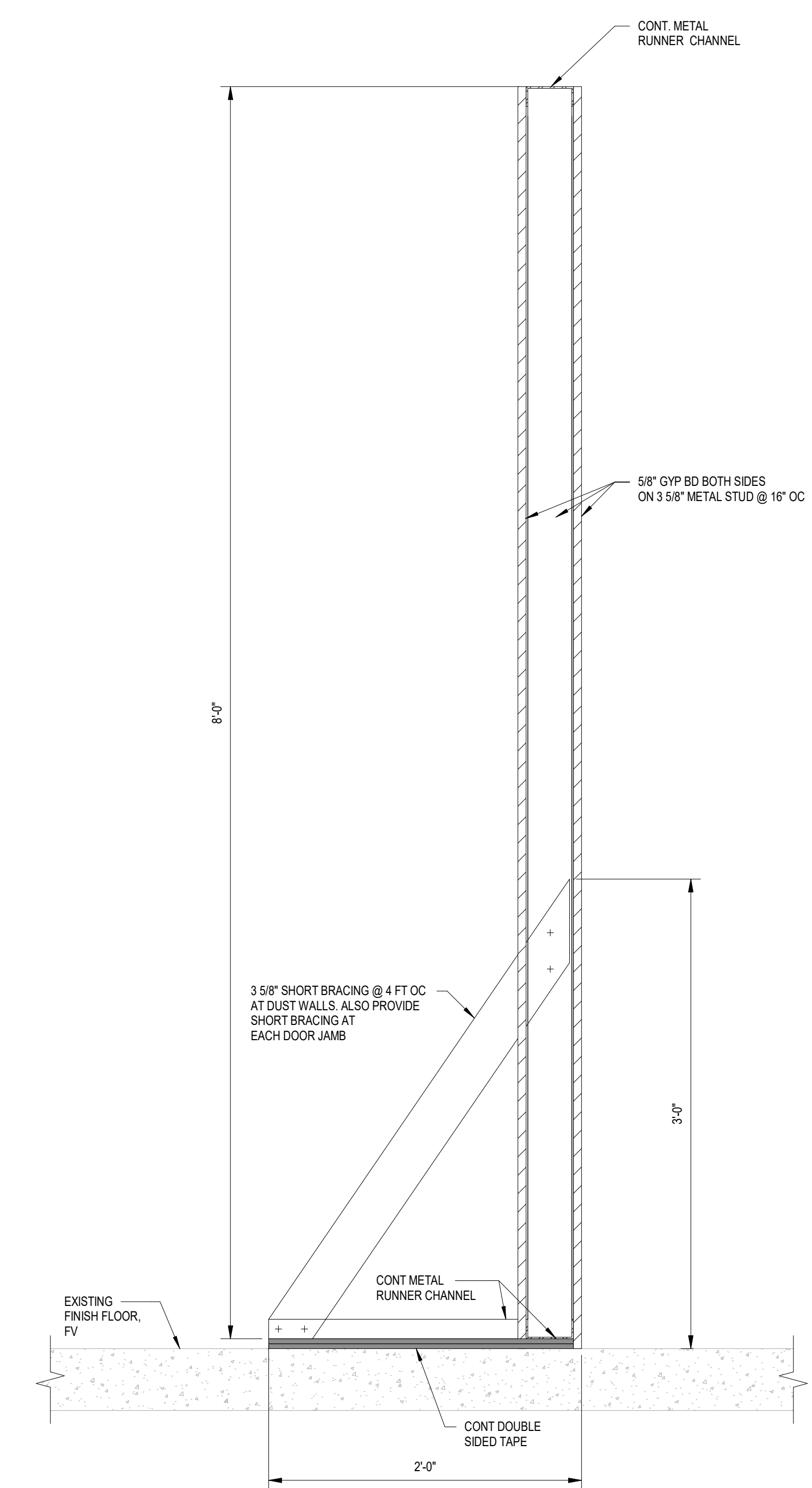
4 ENLARGED PLAN - MEN'S & WOMEN'S RR GATE D10-D12 - PHASE 3
SCALE: 3/16" = 1'-0"



12 ENLARGED PLAN - NURSERY RESTROOM GATE D16 - PHASE 1
SCALE: 3/16" = 1'-0"



10 ENLARGED PLAN - MEN'S & WOMEN'S RR GATE D16-D17 - PHASE 1
SCALE: 3/16" = 1'-0"



8 SECTION AT TEMPORARY DUST WALL
SCALE: 1 1/2" = 1'-0"

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360://1429.12 Terminal D Restrooms/21140_Terminal D Restrooms_S20.rvt
 HAS FILE:

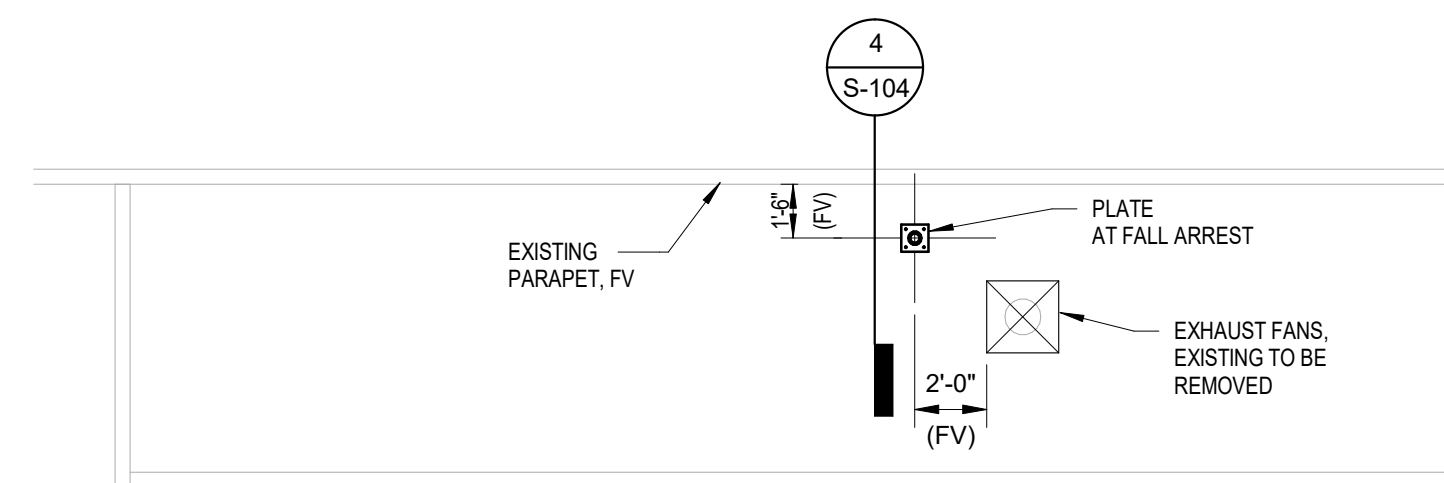
REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY:	MP
DRAWN BY:	HT
CHECKED BY:	ER
ISSUE DATE:	03.15.24
APPROVED BY:	ELAINE ROGERS
APPROVAL DATE:	03.15.24

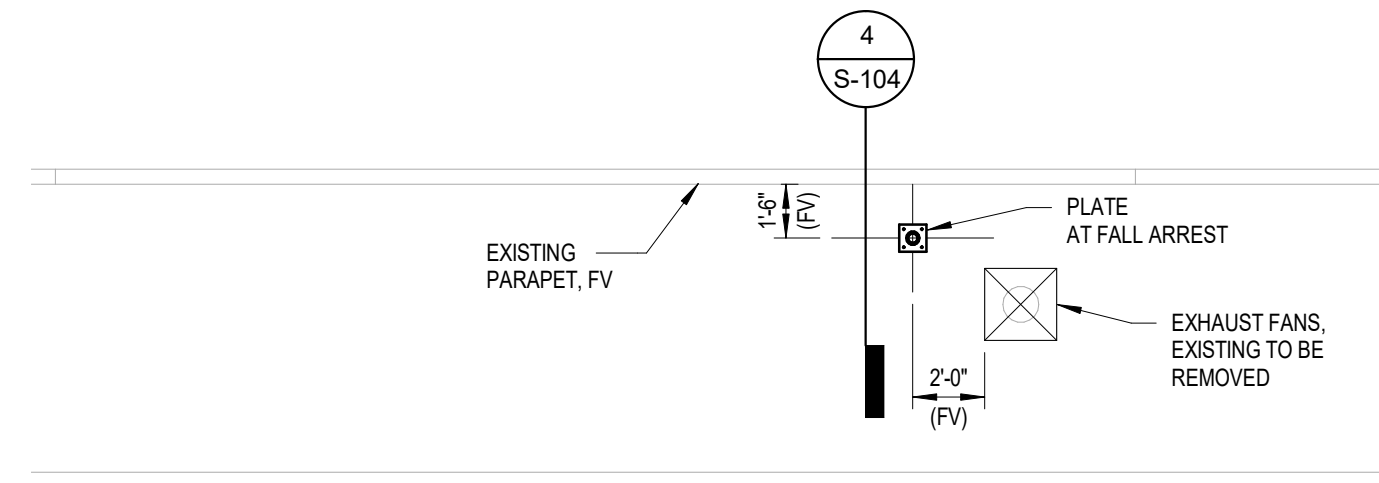
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

<p>IFB ISSUED FOR BIDDING</p>	<p>Henderson Rogers Structural Engineers, LLC TBPE Firm Registration No. 8755</p>

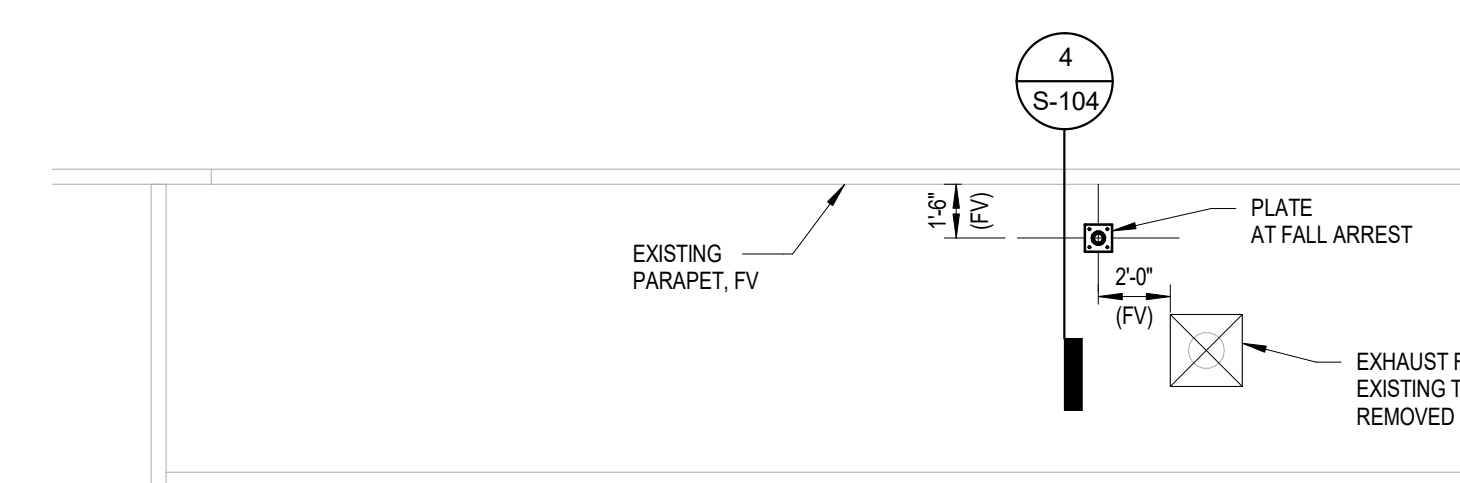
SHEET NAME: EXISTING ENLARGED RESTROOMS ROOF PLANS AND DETAILS	
SHEET No. S-104	SCALE: As indicated



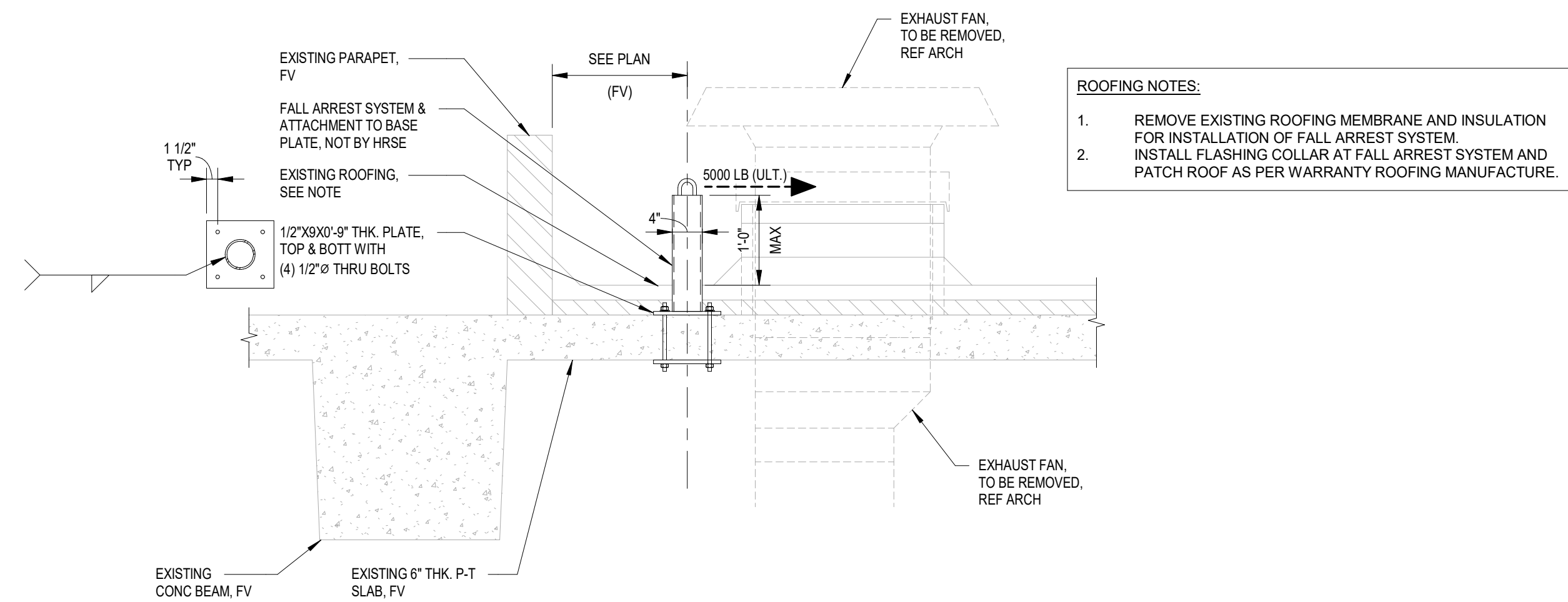
1 EXISTING ROOF ENLARGED PLAN - WOMEN'S REST GATE D7 - PHASE 3
SCALE: 3/16" = 1'-0"



2 EXISTING ROOF ENLARGED PLAN - MEN'S REST GATE D8 - PHASE 1
SCALE: 3/16" = 1'-0"



3 EXISTING ROOF ENLARGED PLAN - WOMEN'S REST GATE D9 - PHASE 2
SCALE: 3/16" = 1'-0"



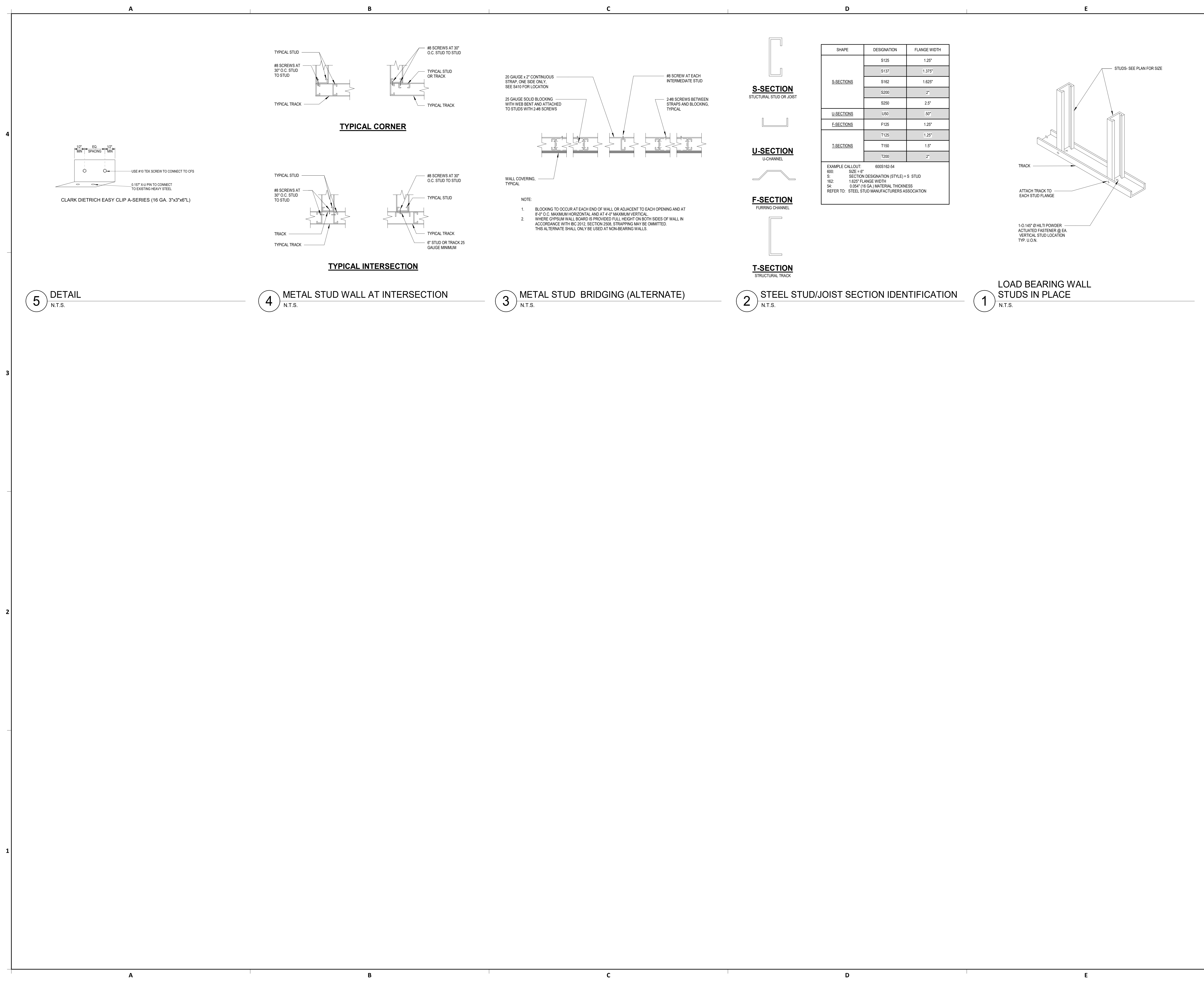
ROOFING NOTES:
1. REMOVE EXISTING ROOFING MEMBRANE AND INSULATION FOR INSTALLATION OF FALL ARREST SYSTEM.
2. INSTALL FLASHING COLLAR AT FALL ARREST SYSTEM AND PATCH ROOF AS PER WARRANTY ROOFING MANUFACTURE.

NOTE TO G.C.:
1. EXISTING STRUCTURE IS POST-TENSIONED CONCRETE SLAB CONSTRUCTION WITH A GRID OF EMBEDDED HIGH-TENSION STEEL CABLE TENDONS. CONTRACTOR SHALL ENSURE THAT NO TENDONS OR REINFORCEMENT IS CUT OR OTHERWISE DAMAGED DURING THE COURSE OF CONSTRUCTION OPERATIONS. EDGES OF CORES AND ANCHORS ARE TO BE LOCATED AS FAR AS POSSIBLE FROM TENDONS OR REINFORCING, AND IN NO CASE CLOSER THAN 2 INCHES. PRIOR TO ANY DRILLING, CORING, CHIPPING, PLACEMENT OF ANCHORS, OR ANY OTHER PENETRATION OF EXISTING CONCRETE, INSTALLER SHALL ACCURATELY DETERMINE THE LOCATION OF STEEL CABLE TENDONS AND REINFORCEMENT BY USING GROUND PENETRATING RADAR (GPR) OR OTHER APPROVED, NON-DESTRUCTIVE INVESTIGATION METHODS.

4 SECTION
SCALE: 3/4" = 1'-0"

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

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/211240_Terminal D Restrooms_S20.rvt
HAS FILE:



HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. **PN971** A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. **BSG-2022-139-IAH** H.A.S. No.
TRP T.I.P. No. **ITRP-C02-F-001**

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers
5599 San Felipe, Suite 1425, Houston, Texas 77056
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:

PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: **MP**
DRAWN BY: **HT**
CHECKED BY: **ER**
ISSUE DATE: **03.15.24**
APPROVED BY: **ELAINE ROGERS**
APPROVAL DATE: **03.15.24**

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Issued/Approval Category: **IFB**
ISSUED FOR BIDDING

Henderson Rogers Structural Engineers, LLC
TBPE Firm Registration No. 8755

K. ELAINE ROGERS
Professional Engineer
No. 65566
03/15/2024

SHEET NAME: **FRAMING TYPICAL DETAILS**

SHEET No. **S-400** SCALE: **As indicated**

SHEET SIZE: **30"x42" ARCH E1**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: MP
DRAWN BY: HT
CHECKED BY: ER
ISSUE DATE: 03.15.24
APPROVED BY: ELAINE ROGERS
APPROVAL DATE: 03.15.24

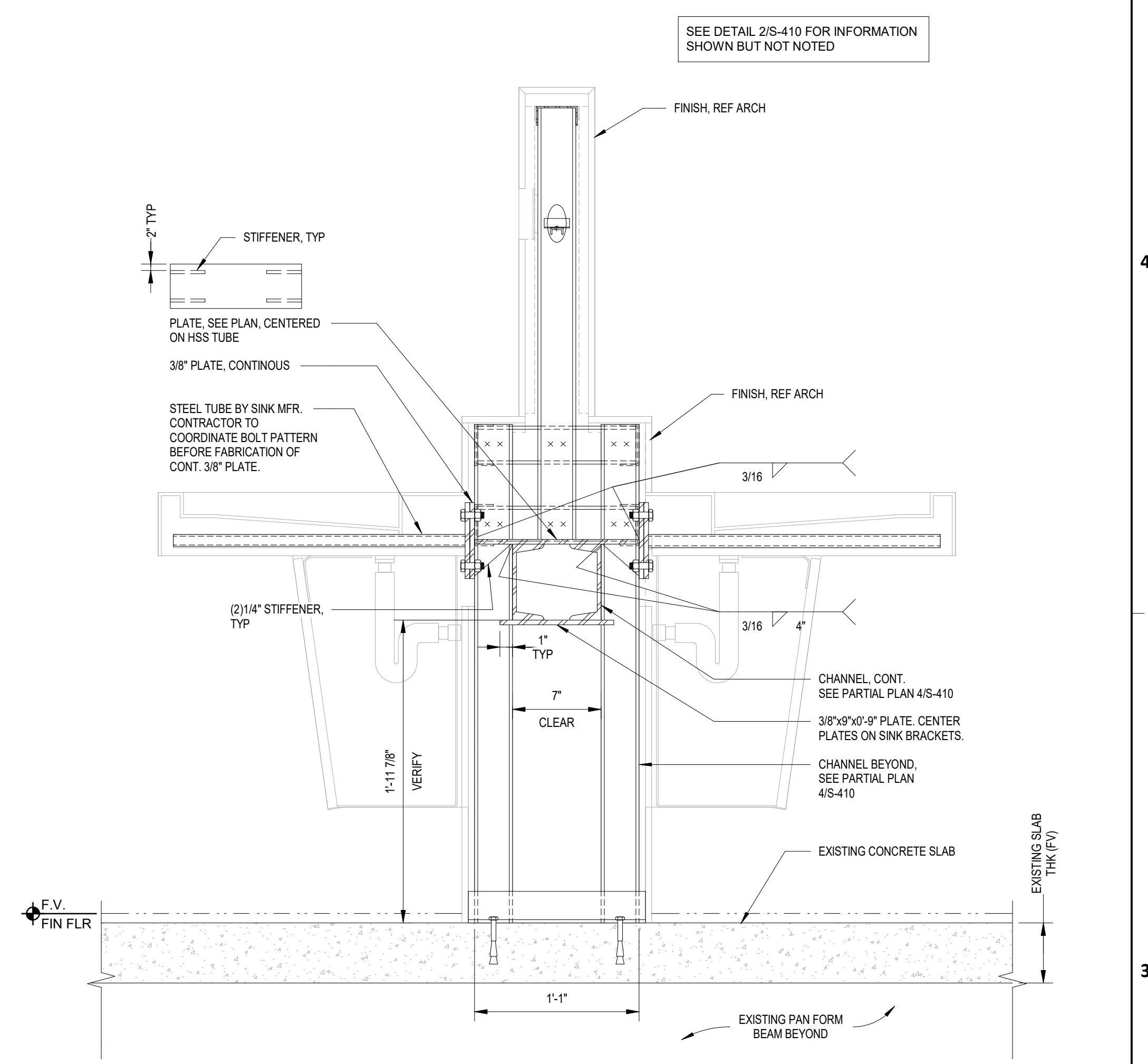
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Received Approval Category
IFB
ISSUED FOR BIDDING

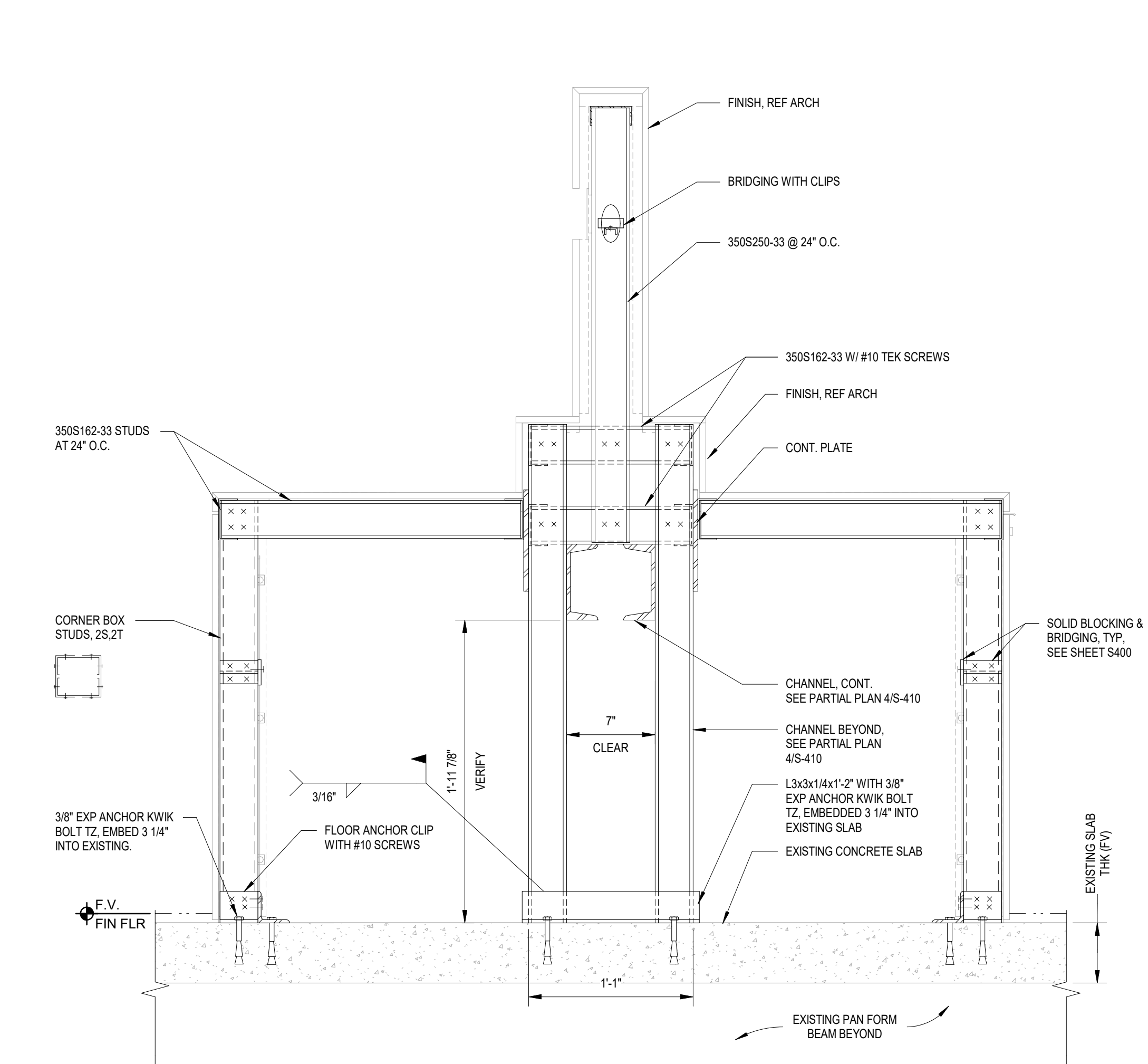
Henderson Rogers
Structural Engineers, LLC
TBPE Firm Registration No. 8755

STATE OF TEXAS
K. ELAINE ROGERS
65566
03/15/2024

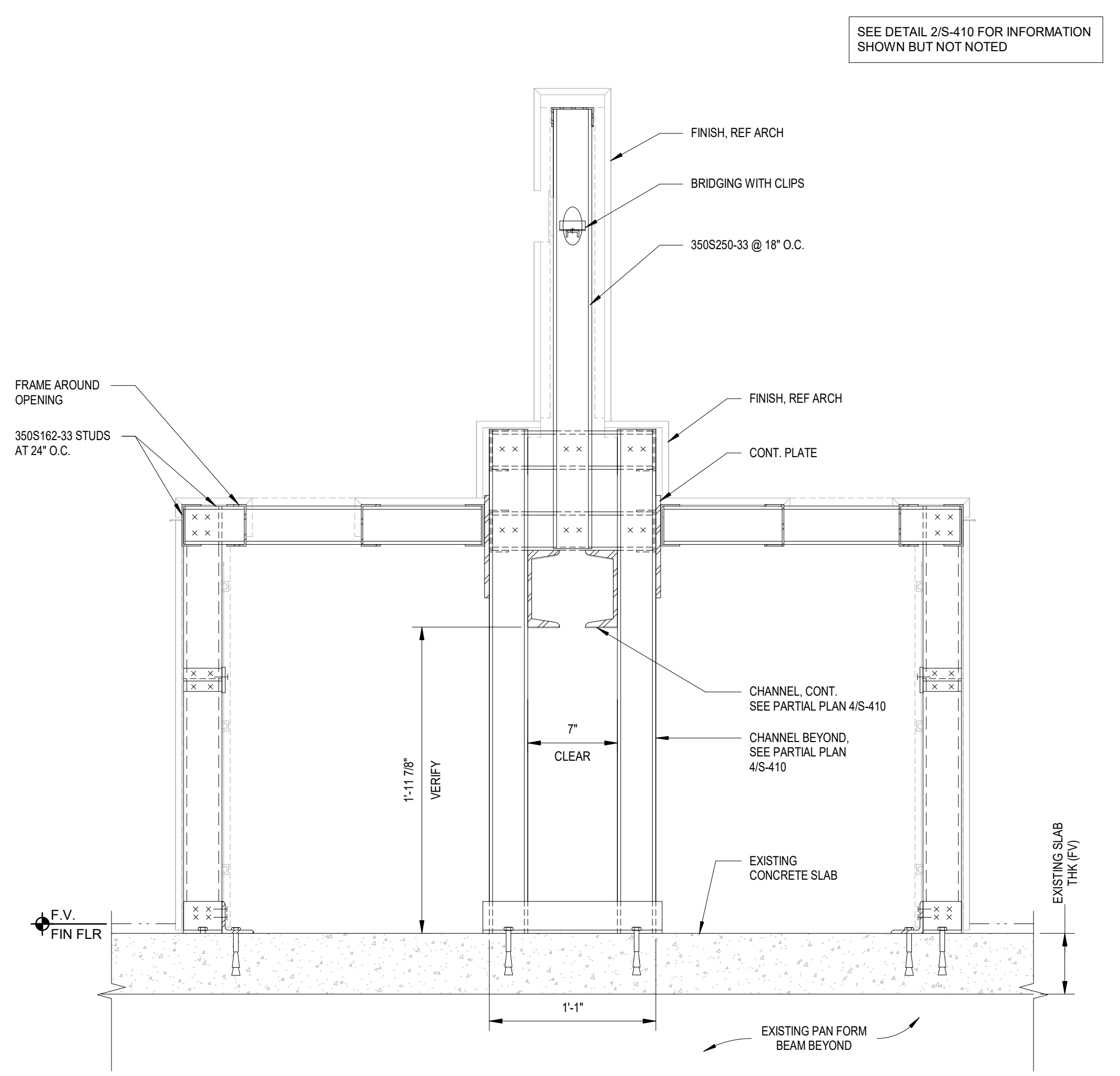
SHEET NAME: FRAMING DETAILS
SHEET No. S-410 SCALE: 1 1/2" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1



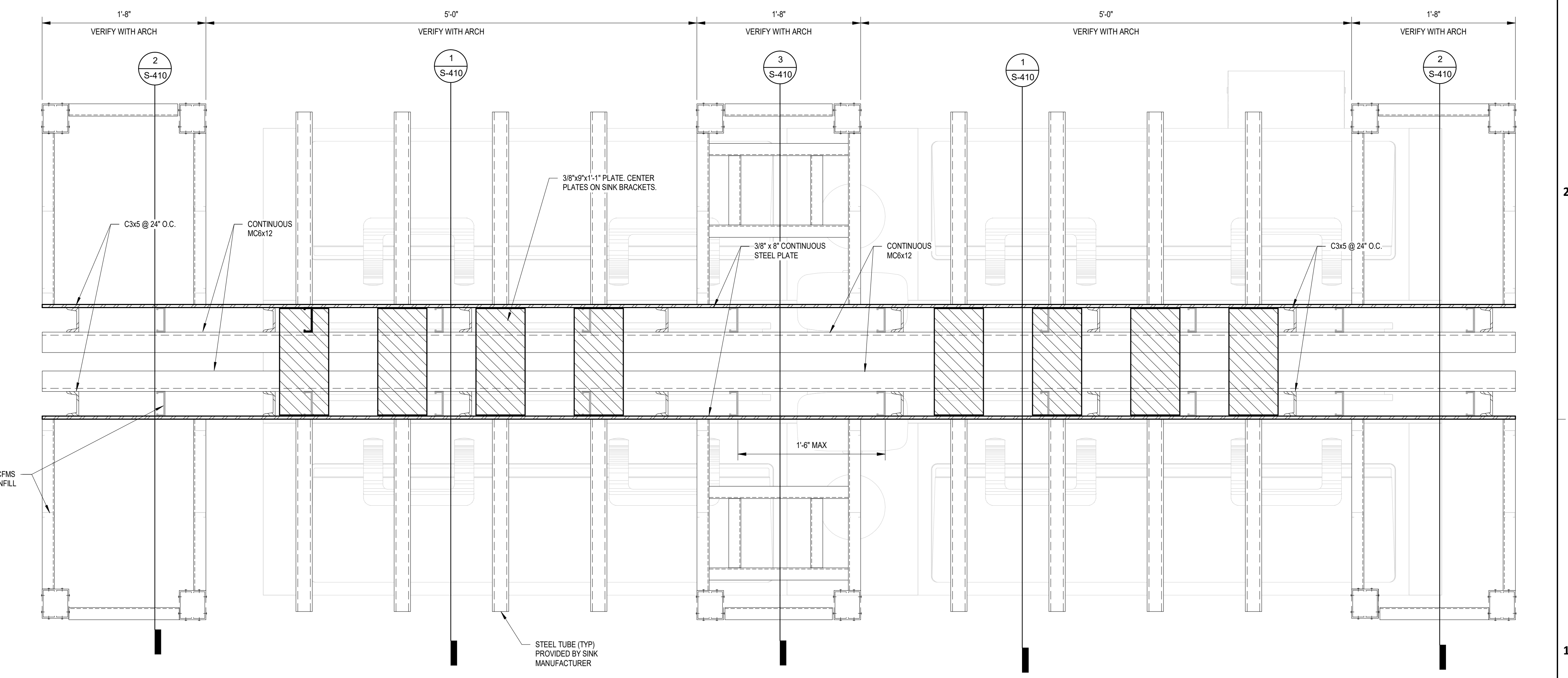
1 SECTION - PRE-FAB SINK UNIT
SCALE: 1 1/2" = 1'-0"



2 SECTION - ISLAND SWING PANEL
SCALE: 1 1/2" = 1'-0"



3 SECTION - TRASH UNIT
SCALE: 1 1/2" = 1'-0"



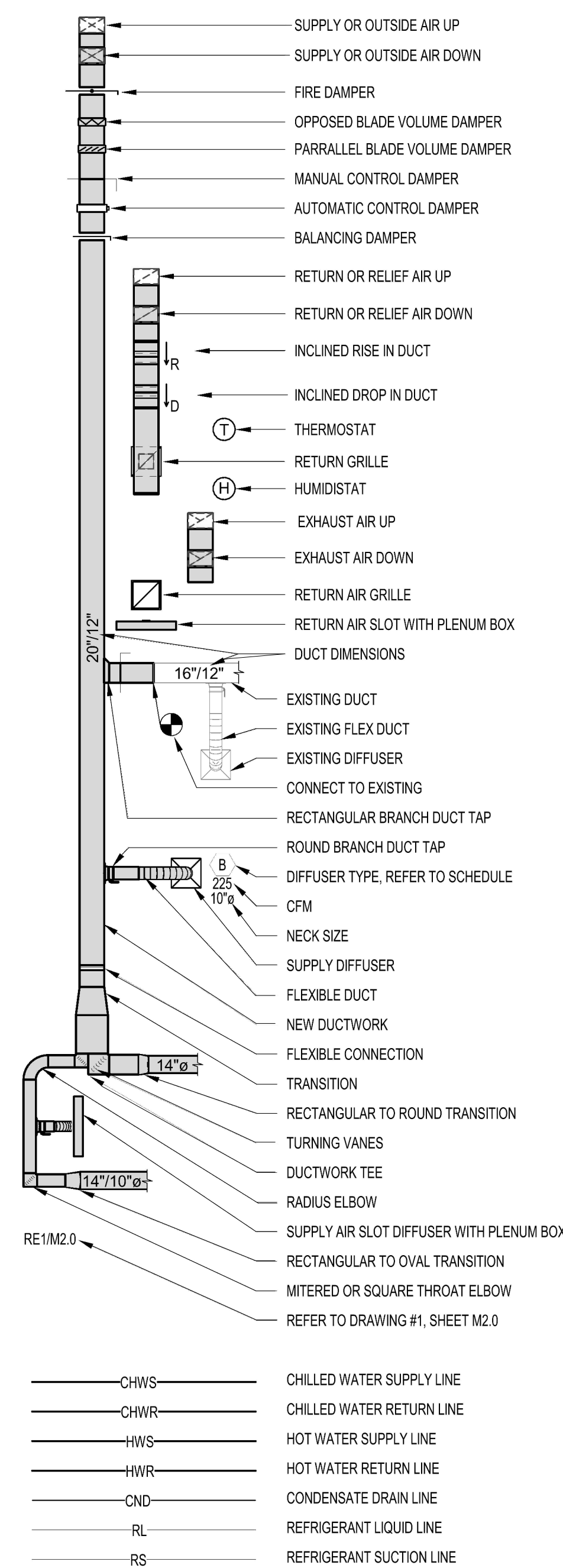
4 PARTIAL PLAN - LAVATORY ISLAND
SCALE: 1 1/2" = 1'-0"

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/211240_Terminal D Restrooms_S20.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:

MECHANICAL GENERAL NOTES

- 1. PIPING AND DUCTWORK ON DRAWINGS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING...
2. EXACT LOCATIONS OF TERMINAL BOXES, GRILLES, DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS...
3. COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 10 FEET DISTANCE BETWEEN OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET, FLUES OR PLUMBING VENTS.
6. PROVIDE A CONICAL SPIN-IN SHEETMETAL INLET DUCT TO TERMINAL BOX SHALL BE SAME SIZE AS TERMINAL BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE TERMINAL BOX INLET IS MORE THAN 6'-0".
7. CONTRACTOR SHALL PROVIDE ADEQUATE CLEARANCE AROUND VAV BOXES AS REQUIRED BY MANUFACTURER. COORDINATE EXACT LOCATION WITH OTHER TRADES.
8. ROUTE HYDRONIC PIPING FROM MAINS TO VAV BOXES. REFER TO SCHEDULES FOR PIPE SIZING. WITH AN ISOLATION VALVE ON THE SUPPLY AND RETURN LINES AND A VENT AT THE HIGH POINT. OFFSET PIPING AND RUN INSIDE STRUCTURE AS NEEDED TO PROVIDE PROPER CLEARANCES. TYPICAL.
9. ALL SUPPLY AIR DUCT UPSTREAM OF TERMINAL BOXES (PER DIRECTION OF AIRFLOW) SHALL BE SIZED AND CLASSIFIED TO BE MEDIUM PRESSURE DUCTWORK. THIS DUCT SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR MEDIUM PRESSURE DUCTWORK.
10. INSTALL TERMINAL BOXES TO ENSURE ACCESS PANELS ARE NOT BLOCKED. MAINTAIN MINIMUM 4'-0" FOR CONTROL PANEL ACCESS.
11. NO PIPE HANGERS SHALL BE SPACED MORE THAN 10'-0". COMPLY WITH PIPE SPACING AS SPECIFIED IN THE PIPE SUPPORT SPECIFICATION.
12. CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL, AND FEDERAL CODES AND AUTHORITIES HAVING JURISDICTION.
13. EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND OUTSHEETS BEFORE FABRICATION OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
14. CONTRACTOR SHALL VERIFY DUCTED RETURN AIR PATH BACK TO ALL UNITS. REFER TO FLOOR PLANS AND AIR DEVICE TAGS FOR EXACT SIZING. WHERE RETURN AIR PATH IS ROUTED THROUGH A FIRE RATED WALL, A FIRE DAMPER SHALL BE PROVIDED IN THE DUCTWORK.
15. COORDINATE EXACT LOCATION, FINISH, AND COLOR OF ALL AIR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
16. ALL EXPOSED DUCTWORK SHALL BE DOUBLE WALL INSULATED.
17. PROVIDE ACCESS PANEL FOR ALL HVAC EQUIPMENT LOCATED ABOVE HARD CEILING. SIZE PANEL PER MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES AND COORDINATE WITH ARCHITECT FOR FINISH.
18. PROVIDE TEMPERATURE SENSORS, HUMIDISTATS AND CO2 SENSORS AT LOCATIONS INDICATED ON PLANS. MOUNT TEMPERATURE SENSORS, HUMIDISTATS AND CO2 SENSORS AT THE SAME ELEVATION AS LIGHT SWITCHES. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
19. PROVIDE SPIN-IN CONNECTION WITH LOCKING QUADRANT BUTTERFLY FOR ALL ROUND DUCTWORK CONNECTED TO RECTANGULAR DUCT.
20. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS.
21. ALL LOW PRESSURE DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR MEDIUM AND LOW PRESSURE DUCTWORK.
22. PROVIDE AIRFOIL TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
23. FASTEN AND SEAL ALL DUCTWORK JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS PER ASHRAE 90.1 SECTION 6.4.4.2.1. DUCT SEALANT SHALL BE INSPECTED PRIOR TO DUCTWORK BEING INSULATED.
24. ALL EXPOSED DUCTWORK AND PIPING ALONG WITH ASSOCIATED ACCESSORIES IN AREAS WITH NO CEILING OR PARTIAL CEILING SHALL BE PAINTED. REFER TO ARCHITECT FOR COLOR.
25. PROVIDE REMOTE SPIN-IN CONNECTION FOR ALL ROUND DUCTWORK CONNECTED TO RECTANGULAR DUCT LOCATED ABOVE A HARD CEILING.
26. ALL EQUIPMENT LOCATED OUTDOORS SHALL BE SELECTED TO WITHSTAND 150 MPH WINDS AND SHALL BE SECURED DIRECTLY TO STRUCTURE/GRADE. ALL FANS, RELIEF HOODS, AND INTAKE HOODS SHALL BE SECURED TO CURB USING STEEL CABLES. ALL PIPE SUPPORTS AND CONDUIT SUPPORTS SHALL BE ANCHORED TO ROOF DECK. ALL AIR COOLED CONDENSING UNITS SHALL BE ANCHORED TO ROOF DECK. VIBRATION ISOLATORS SHALL INCLUDE UP/LIFT SECUREMENT.
27. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE OBTAINED THE SCOPE OF MECHANICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF WORK SHALL INCLUDE MATERIALS AND DUCTWORK CONSISTING OF DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED SO THAT THE INDICATED REMODELING MAY BE ACCOMPLISHED. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON DRAWINGS. CONTRACTOR SHALL DEMOLISH ONLY WHAT IS INDICATED TO BE DEMOLISHED ON DRAWINGS.
28. COORDINATE ALL MOUNTING LOCATIONS AND HEIGHTS OF AIR DEVICES WITH ARCHITECT PRIOR TO FINAL INSTALLATION.
29. AFTER THE HYDRONIC SYSTEM FLUSH IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO PROVE ALL BYPASS LOOPS ON ALL OF THE COIL PIPING IS CLOSED ONCE THE VALVE IS PROVIDED CLOSED. REMOVE THE HANDLE OF THE BYPASS ISOLATION VALVE TO ENSURE NO BYPASS LINE CAN BE OPENED DURING REGULAR OPERATION.

MECHANICAL SYMBOLS



ENERGY CODE NOTES

- 1. DUCT SEALING: DUCTWORK AND PLENUMS SHALL BE SEALED IN ACCORDANCE WITH THE 2015 ECC AND 2015 UAC.
2. BALANCING: SYSTEM SHALL BE BALANCED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING STANDARDS (NEER, AABC, OR ASHRAE 111). AIR SYSTEMS SHALL BE IN A MANNER TO FIRST MINIMIZE THROTTLING LOSSES. THEN FOR FANS WITH FAN SYSTEM POWER GREATER THAN 1 HP, FAN SPEED SHALL BE ADJUSTED TO MEET DESIGN FLOW CONDITIONS.
3. ENERGY CODE COMPLETION REQUIREMENTS.
DRAWINGS: CONSTRUCTION DOCUMENTS SHALL REQUIRE THAT WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE RECORD DRAWINGS OF THE ACTUAL INSTALLATION BE PROVIDED TO THE BUILDING OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER. RECORD DRAWINGS SHALL INCLUDE AS A MINIMUM THE LOCATION AND PERFORMANCE DATA ON EACH PIECE OF EQUIPMENT, GENERAL CONFIGURATION OF DUCT AND PIPE DISTRIBUTION SYSTEM INCLUDING SIZES AND THE TERMINAL AIR OR WATER DESIGN FLOW RATES.
MANUALS: CONSTRUCTION DOCUMENTS REQUIRE THAT AN OPERATING MANUAL AND A MAINTENANCE MANUAL BE PROVIDED TO THE BUILDING OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE. THESE MANUALS SHALL BE IN ACCORDANCE WITH INDUSTRY ACCEPTED STANDARDS, AND SHALL INCLUDE AT A MINIMUM THE FOLLOWING:
(A) SUBMITTAL DATA STATING EQUIPMENT SIZE AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE
(B) OPERATING MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, EXCEPT EQUIPMENT NOT FURNISHED AS PART OF THE PROJECT. REQUIRED ROUTINE MAINTENANCE SHALL BE CLEARLY IDENTIFIED
(C) NAMES AND ADDRESSES OF AT LEAST ONE SERVICE AGENCY
(D) HVAC CONTROLS SYSTEM MAINTENANCE AND CALIBRATION INFORMATION INCLUDING WIRING DIAGRAMS, SCHEMATICS AND CONTROL SEQUENCE DESCRIPTIONS, DESIRED OR FIELD DETERMINED SET POINTS SHALL BE PERMANENTLY RECORDED ON CONTROL DRAWINGS, AT CONTROL DEVICES OR FOR DIGITAL CONTROL SYSTEMS IN THE PROGRAMMING COMMENTS.
(E) COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING SUGGESTED SETPOINTS.
AUTOMATIC SHUTOFF:
HVAC SYSTEMS SHALL BE EQUIPPED WITH CONTROLS THAT CAN START AND STOP THE SYSTEM UNDER DIFFERENT TIME SCHEDULES FOR SEVEN DIFFERENT TIMES PER WEEK, AND BE CAPABLE OF RETAINING PROGRAMMING AND TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF NOT LESS THAN 10 HOURS AND INCLUDE AN ACCESSIBLE MANUAL OVERRIDE, OR EQUIVALENT FUNCTION THAT ALLOWS TEMPORARY OPERATION OF THE SYSTEM FOR TWO HOURS.
SHUTOFF DAMPER CONTROLS:
BOTH OUTDOOR AIR SUPPLY AND EXHAUST SYSTEMS SHALL BE EQUIPPED WITH MOTORIZED DAMPERS THAT WILL AUTOMATICALLY SHUT WHEN THE SYSTEMS OR SPACES SERVED ARE NOT IN USE. VENTILATION OUTDOOR AIR DAMPERS SHALL BE CAPABLE OF AUTOMATICALLY SHUTTING OFF DURING PREOCCUPANCY BUILDING WARM UP, COOL DOWN AND SETBACK.
NOTES:
1. DUCTWORK WITHIN THE BUILDING ENVELOPE WILL HAVE A MINIMUM INSULATION VALUE OF R-6. DUCTWORK LOCATED OUTSIDE OF THE BUILDING ENVELOPE WILL BE INSULATED WITH A MINIMUM OF R-8. DUCTWORK SHALL HAVE VAPOR BARRIERS WITH A PERM RATING NOT TO EXCEED 0.5 PERM. ALL JOINTS TO BE SEALED.
2. CONSTRUCTION - VENTILATING CEILING, SUSPENDED CEILING MATERIAL SHALL HAVE A CLASS 1 FLAME-SPREAD CLASSIFICATION ON BOTH SIDES, DETERMINED IN ACCORDANCE WITH THE BUILDING CODE. CEILING SUPPORTS SHALL BE OF NONCOMBUSTIBLE MATERIALS. LIGHTING FIXTURES RECESSED INTO VENTILATING CEILING SHALL BE OF A TYPE APPROVED FOR THAT PURPOSE.
3. APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE. SUPPORTS FOR APPLIANCES SHALL BE DESIGNED AND CONSTRUCTED TO SUSTAIN VERTICAL AND HORIZONTAL LOADS WITHIN THE STRESS LIMITATIONS SPECIFIED IN THE IBC, SECTION 304.4 - UNIFORM MECHANICAL CODE.

MECHANICAL SHEET LIST

Table with 2 columns: DWG NUMBER, DWG NAME

APPLICABLE CODES AND STANDARDS

Table listing applicable codes and standards: HOUSTON AIRPORT SYSTEM AND MODULAR RESTROOM DESIGN STANDARDS, MECHANICAL CODE: 2012 UNIFORM MECHANICAL CODE WITH CITY OF HOUSTON AMENDMENTS, BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE WITH CITY OF HOUSTON AMENDMENTS, 2012 INTERNATIONAL FIRE CODE WITH CITY OF HOUSTON AMENDMENTS, 2012 UNIFORM PLUMBING CODE WITH CITY OF HOUSTON AMENDMENTS, 2020 NATIONAL ELECTRIC CODE, ASHRAE 90.1-2013 WITH CITY OF HOUSTON AMENDMENTS, ASHRAE 62.1-2013 VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY, 2012 TAS - TEXAS ACCESSIBILITY STANDARD. WHERE TWO OR MORE STANDARDS ARE APPLICABLE, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS
C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003 713.868.3121 www.rdlr.com

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
8820 Whitson Dr. Houston, Texas 77095 (713)222-7766 Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

Table with 3 columns: No., DESCRIPTION, DATE, BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING
Professional seal of Curtis Jones, Jr., P.E. 58428, dated 03/15/2024, for project JEH4780.

SHEET NAME: MECHANICAL ABBREVIATIONS, LEGENDS AND NOTES
SHEET No. M-001 SCALE: 12" = 1'-0"



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitlorn Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

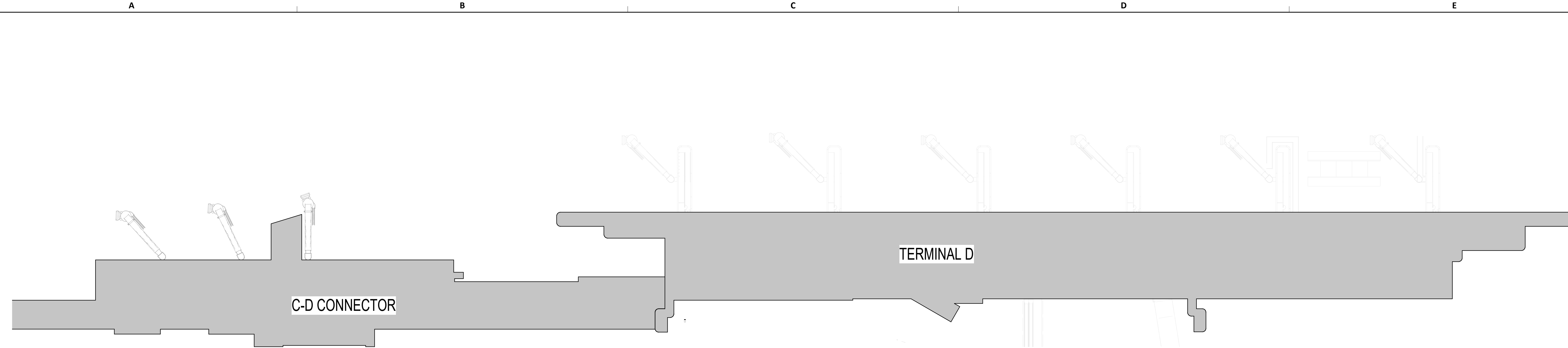
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

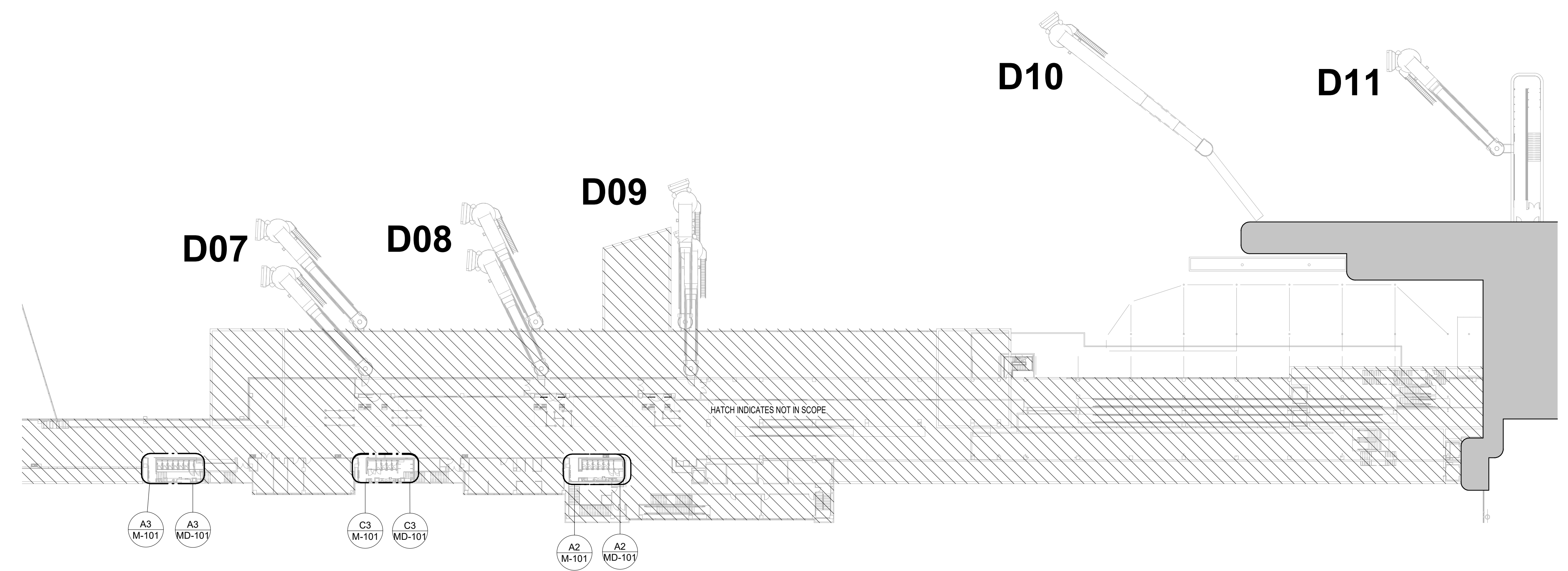
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR. P.E. 65428

SHEET NAME:
MECHANICAL OVERALL PLAN & TERMINAL
LEVELS
SHEET No. M-040 SCALE: As indicated

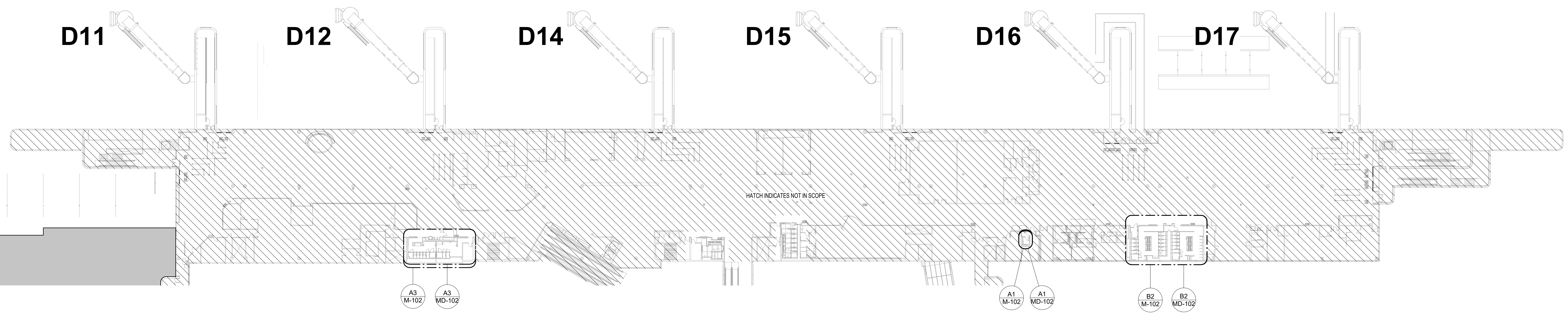
SHEET SIZE: 30"x42" ARCH E1



A3 MECHANICAL OVERALL
1" = 8'-0"



A2 MECHANICAL CD CONNECTOR DEPARTURES LEVEL
1" = 8'-0"



A1 MECHANICAL TERMINAL D DEPARTURES LEVEL
1" = 8'-0"

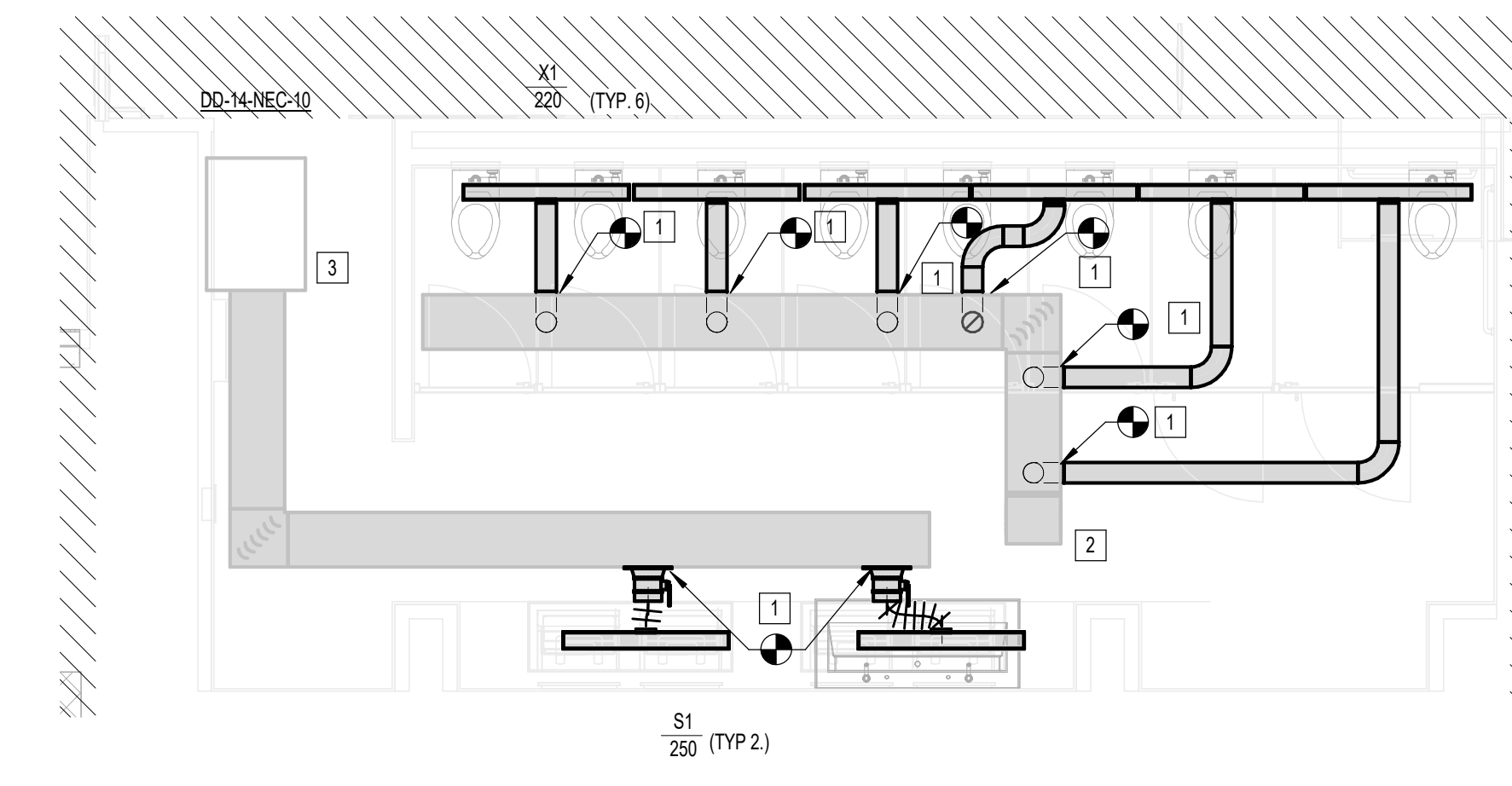
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360/1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:

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

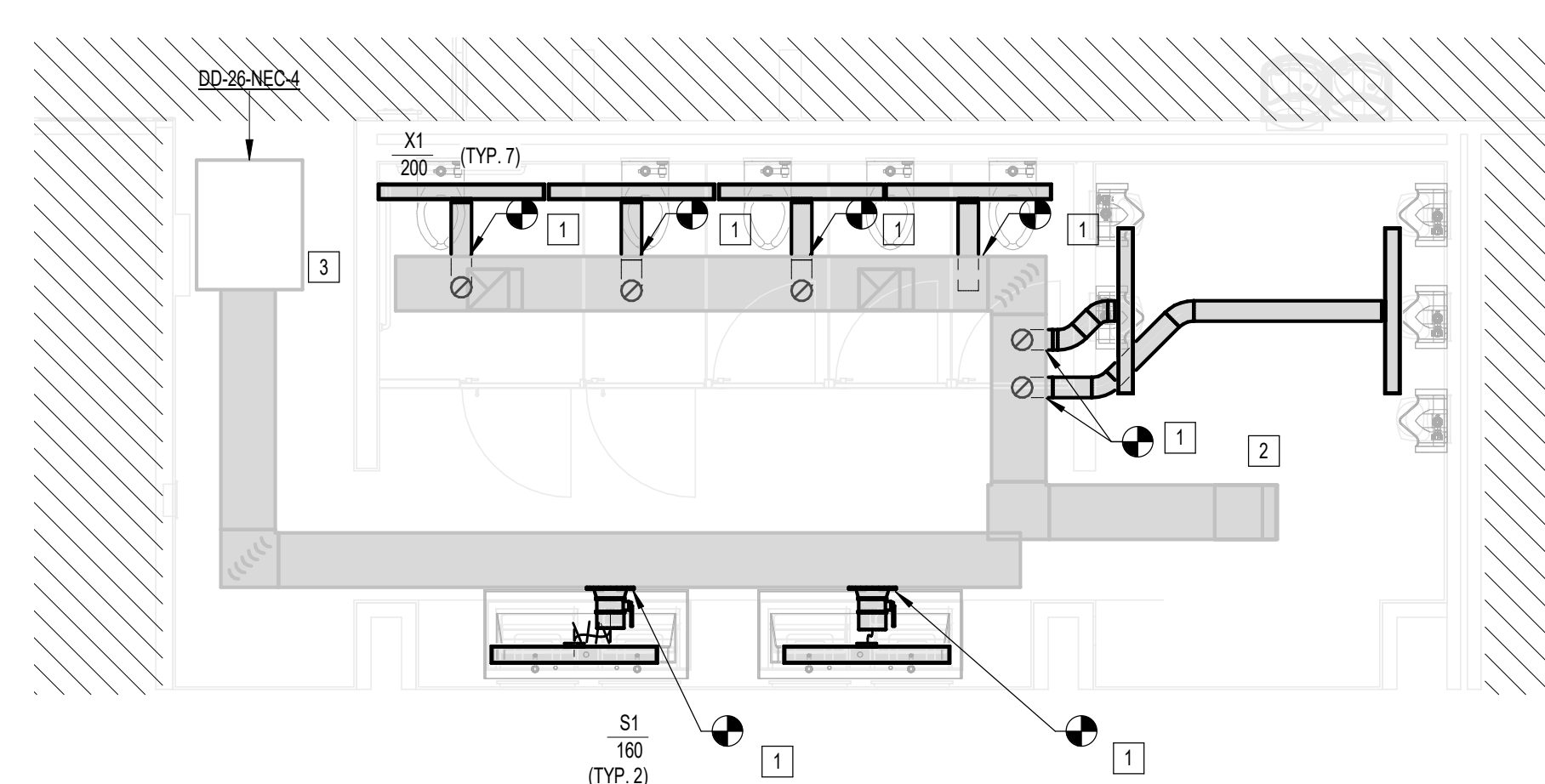
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

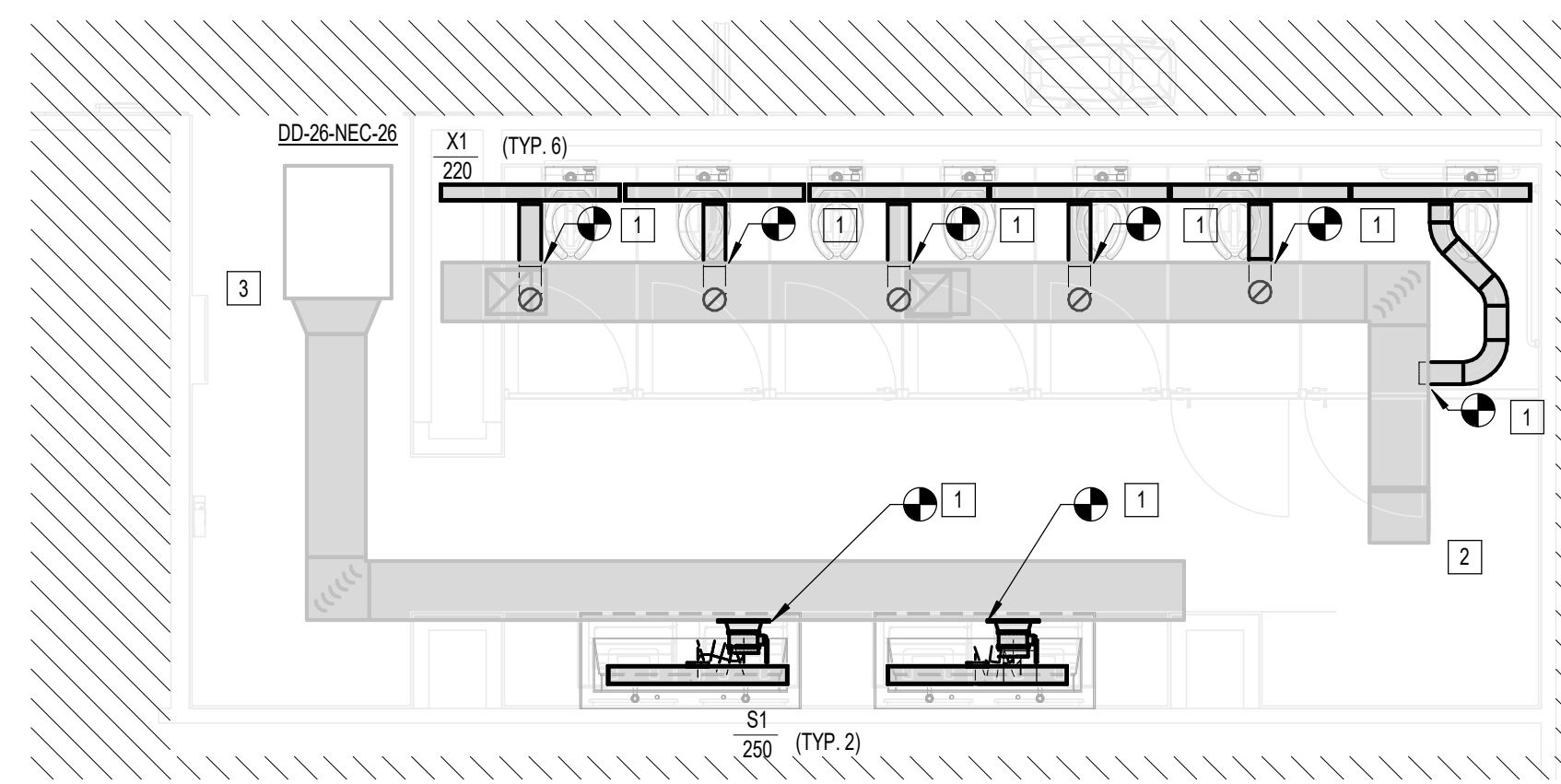
A B C D E



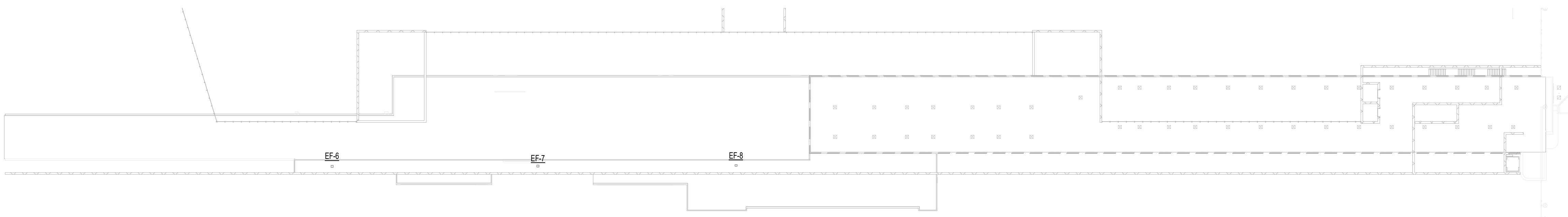
A3 MECHANICAL WOMEN'S RESTROOM GATE D07 AREA
1/4" = 1'-0"



C3 MECHANICAL MEN'S RESTROOM GATE D07-D09 AREA
1/4" = 1'-0"



A2 MECHANICAL WOMEN'S RESTROOM GATE D09 AREA
1/4" = 1'-0"



1 MECHANICAL CD CONNECTOR ROOF PLAN
1" = 40'-0"

KEYED NOTES	
#	KEY NOTE
1	CONNECT TO EXISTING BRANCH DUCTWORK.
2	PROVIDE NEW EXHAUST FAN ON ROOF.
3	EXISTING AIR TERMINAL UNIT TO REMAIN.



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**
C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitford Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

SHEET NAME:
MECHANICAL ENLARGED RR PLANS - CD
CONNECTOR
SHEET No. M-101 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

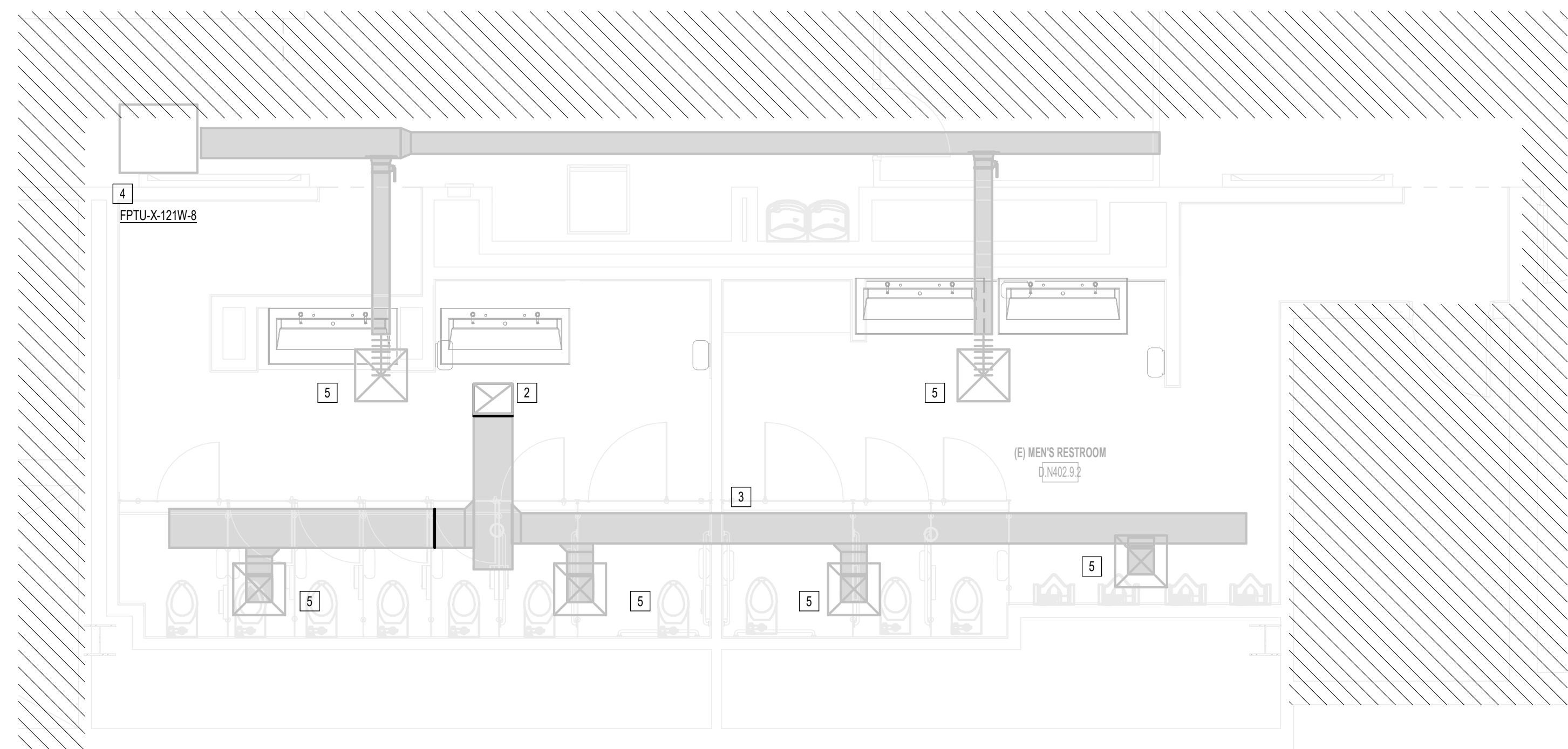
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR., P.E. 55428

SHEET NAME:
MECHANICAL ENLARGED RR PLANS -
TERMINAL D

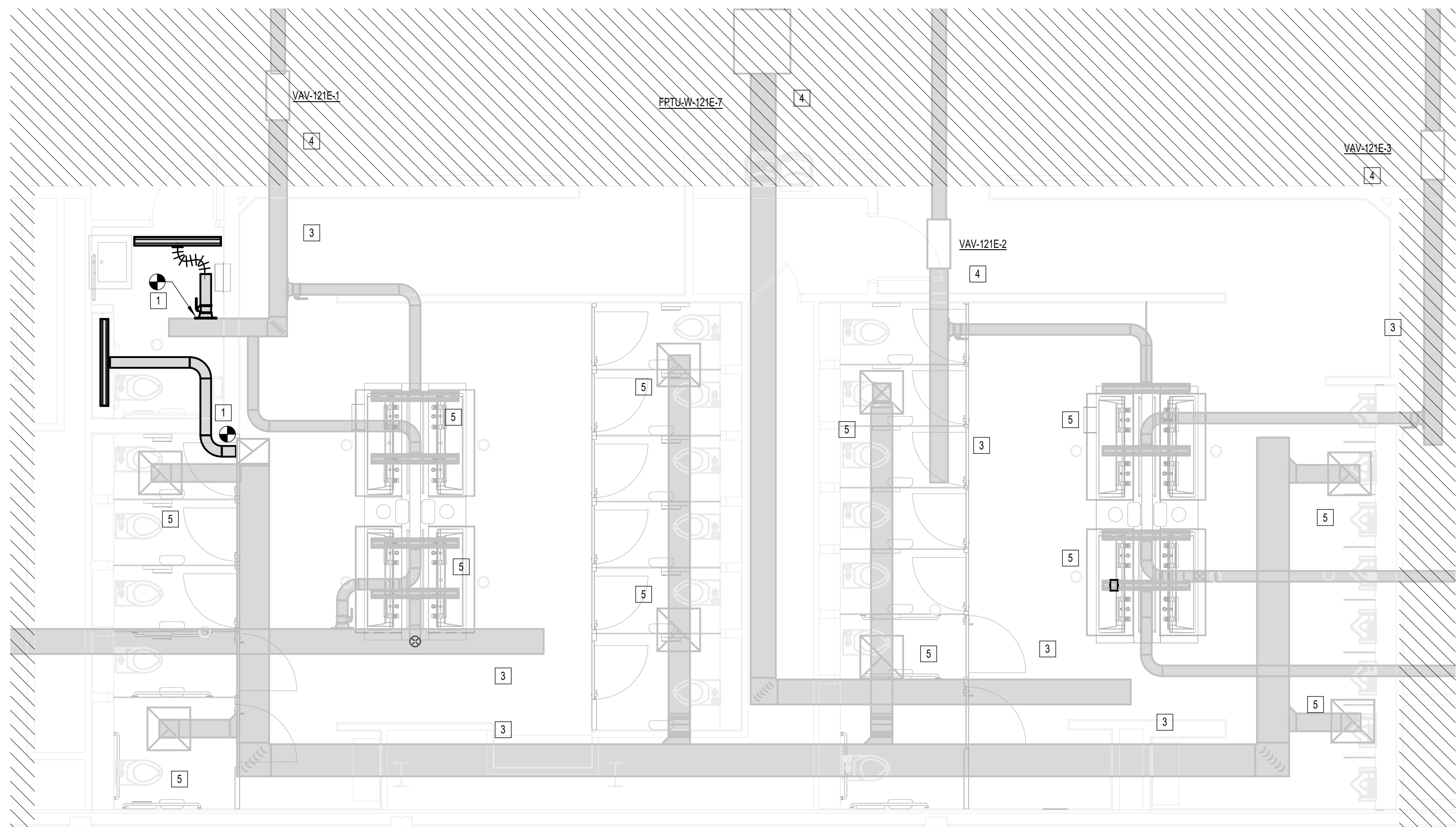
SHEET No. M-102 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

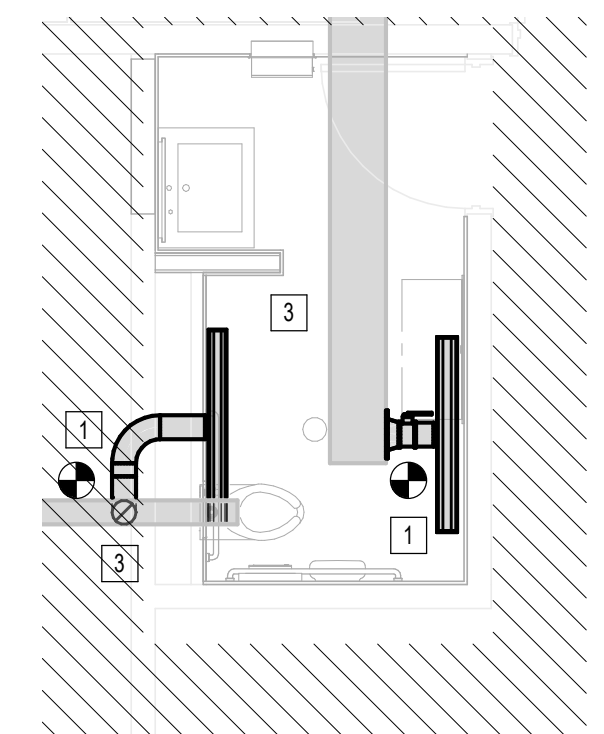
#	KEY NOTE
1	CONNECT TO EXISTING BRANCH DUCTWORK.
2	EXISTING EXHAUST FAN ON ROOF TO REMAIN.
3	SUPPLY/EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.
4	EXISTING AIR TERMINAL UNIT TO REMAIN.
5	EXISTING AIR DEVICE TO REMAIN.



A3 MECHANICAL MEN & WOMEN'S RR GATE D12
1/4" = 1'-0"



B2 MECHANICAL D16 AREA RESTROOMS
1/4" = 1'-0"



A1 MECHANICAL WOMEN'S RR GATE D15 AREA
1/4" = 1'-0"

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:

FAN SCHEDULE													
MARK	MANU.	MODEL	LOCATION	AREA(S) SERVED	FAN TYPE	CFM	E.S.P. IN.	ELECTRICAL				NOTES	
								W.G.	HP	RPM	V		PH
EF-6	GREENHECK	G-200HP-VG	ROOF	RR/JUAN	UPBLAST	1310	0.5	2	666	460	3	60	ALL
EF-7	GREENHECK	G-200HP-VG	ROOF	RR/JUAN	UPBLAST	1310	0.5	2	666	460	3	60	ALL
EF-8	GREENHECK	G-200HP-VG	ROOF	RR/JUAN	UPBLAST	1310	0.5	2	666	460	3	60	ALL

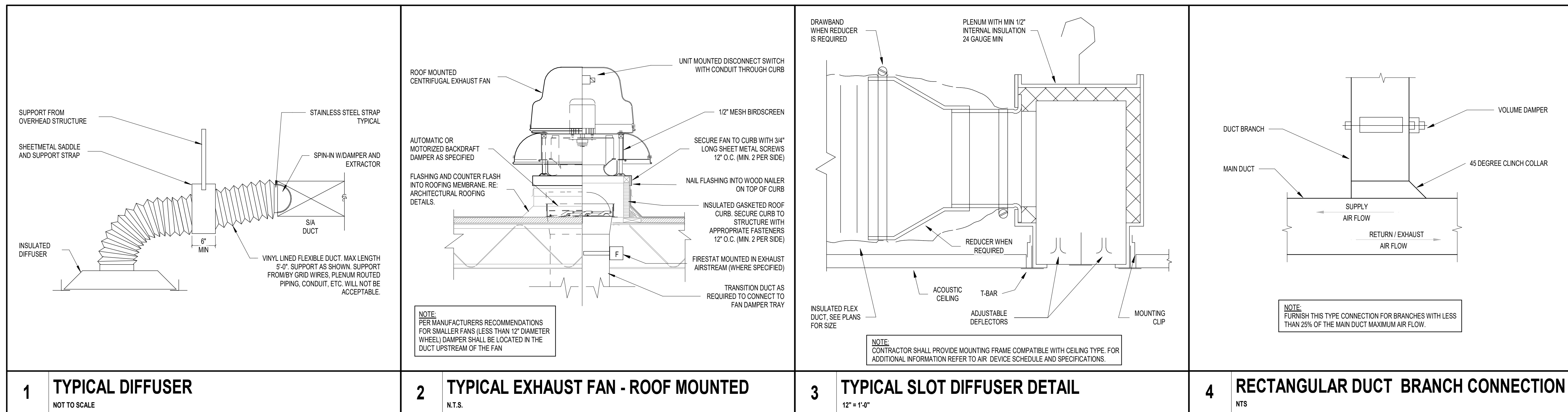
NOTES:

- EXTERNAL STATIC PRESSURE DOES NOT ACCOUNT FOR LOSSES DUE TO FILTERS, HOUSING, NOR ACCESSORIES.
- PROVIDE FAN WITH MOTOR RATED TOGGLE SWITCH, VARS-GREEN DIAL MOUNTED ON EXTERIOR OF FAN HOUSING, AND VIBRATION ISOLATORS.
- INLINE EXHAUST W/BACK DRAFT DAMPER AND SOLID STATE SPEED CONTROL.

AIR DEVICE SCHEDULE											
MARK	MANU.	MODEL	TYPE	NOMINAL FACE SIZE	MAX CFM	NECK SIZE	NOISE CRITERIA (MAX) NC	ELECTRICAL			NOTES
								V	PH	HZ	
S1	TITUS	FL-10	SUPPLY LINEAR AIR DEVICE, WHITE, ALUMINUM, 1" SLOT WITH PATTERN CONTROLLER. PROVIDE WITH PLENUM AND EXPOSED FRAME FOR SIDEWALL APPLICATION.	4' X 6'	260 CFM	6"	30				ALL
X1	TITUS	FL-10	EXHAUST LINEAR AIR DEVICE, ALUMINUM, (1) 2" SLOT WITH PATTERN CONTROLLER. PROVIDE WITH PLENUM AND EXPOSED FRAME FOR SIDEWALL APPLICATION.	4' X 6'	260 CFM	6"	30				ALL

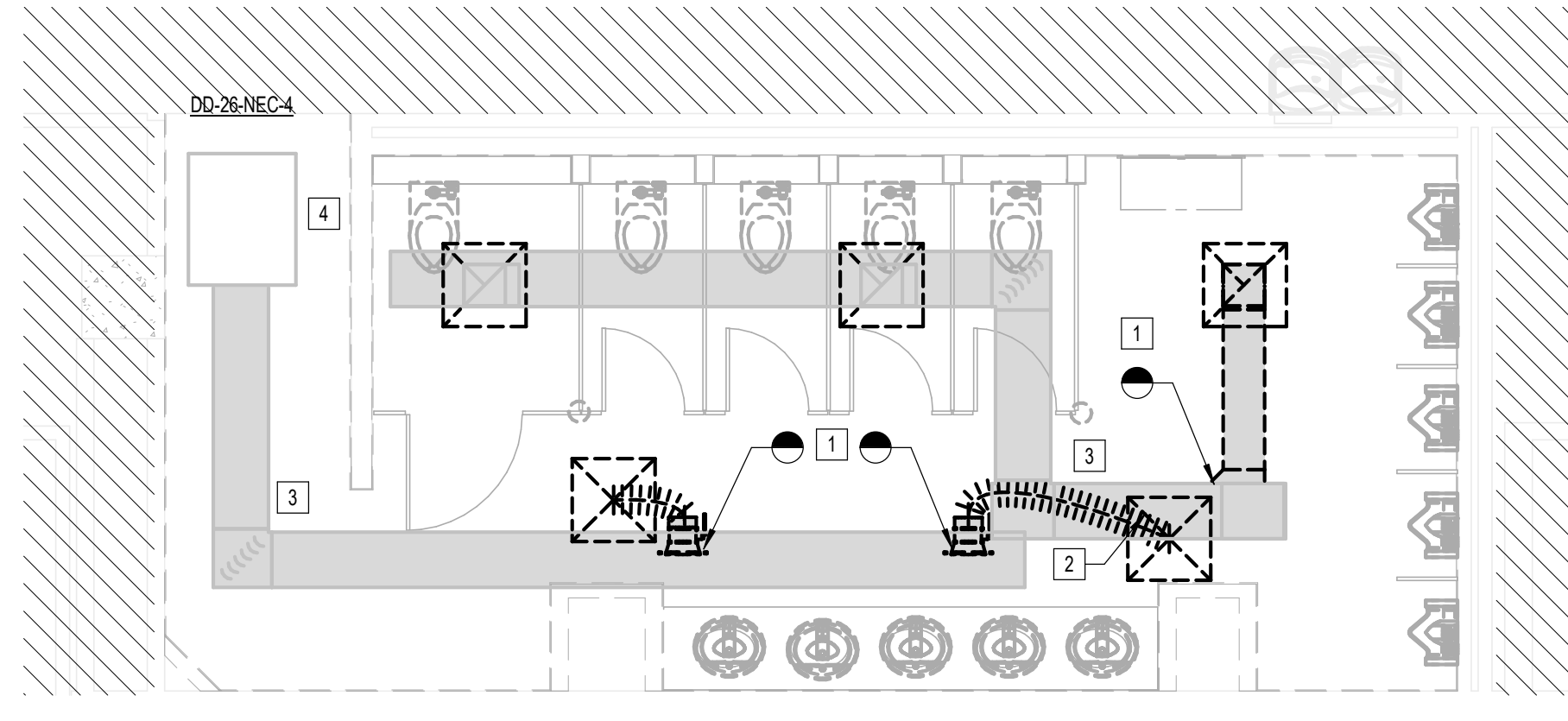
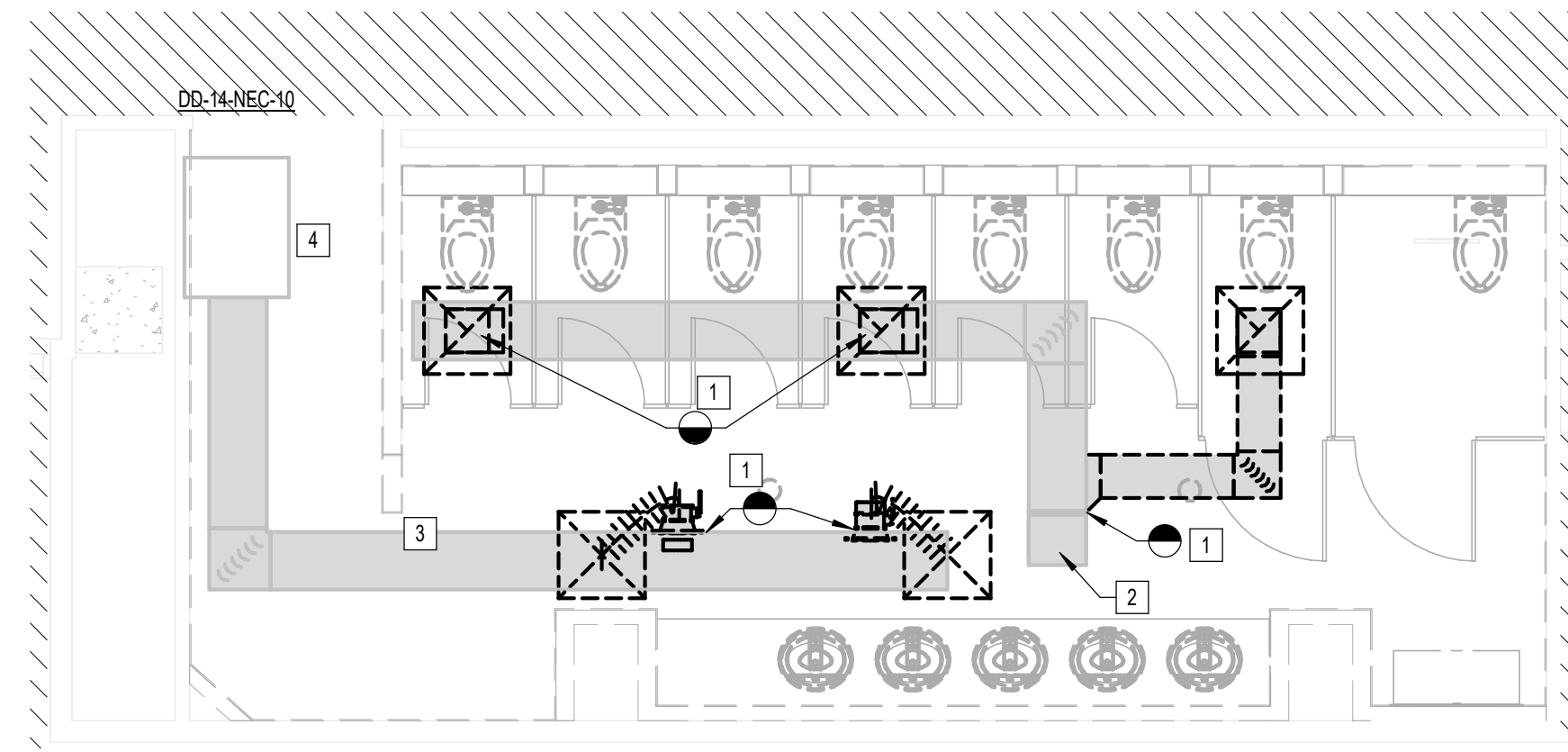
REMARKS:

- AIR DISTRIBUTION DEVICE LOCATED WITHIN ACOUSTICAL TILE CEILINGS SHALL BE PROVIDED WITH BORDER TYPE FOR LAY-IN MOUNTINGS. AIR DISTRIBUTION DEVICES LOCATED WITHIN GYPSUM BOARD CEILINGS OR WALLS SHALL BE PROVIDED WITH BORDER TYPE FOR SURFACE MOUNTING. REFER TO ARCHITECTURAL DOCUMENTS FOR CEILING TYPES. PROVIDE TRIM-RING FOR SQUARE CONE DIFFUSERS LOCATED WITHIN GYPSUM BOARD CEILINGS.
- AIR DISTRIBUTION DEVICES LOCATED IN SMALL ROOMS WHERE FULL 24"X24" GRID ARE NOT AVAILABLE SHALL BE PROVIDED WITH SURFACE MOUNTING BORDERS IN LIEU OF LAY-IN. SECURE EACH DEVICE TO CEILING GRID WITH FIELD-FABRICATED SUPPORTS.
- PROVIDE SECTORING BAFFLES IN SUPPLY AIR DEVICES TO DIRECT AIR AS INDICATED ON FLOOR PLANS.
- DUCT RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS SCHEDULED NECK DIAMETER.
- 4 FT LONG PLENUM WITH 8" INLET CFM AS INDICATED ON PLAN.



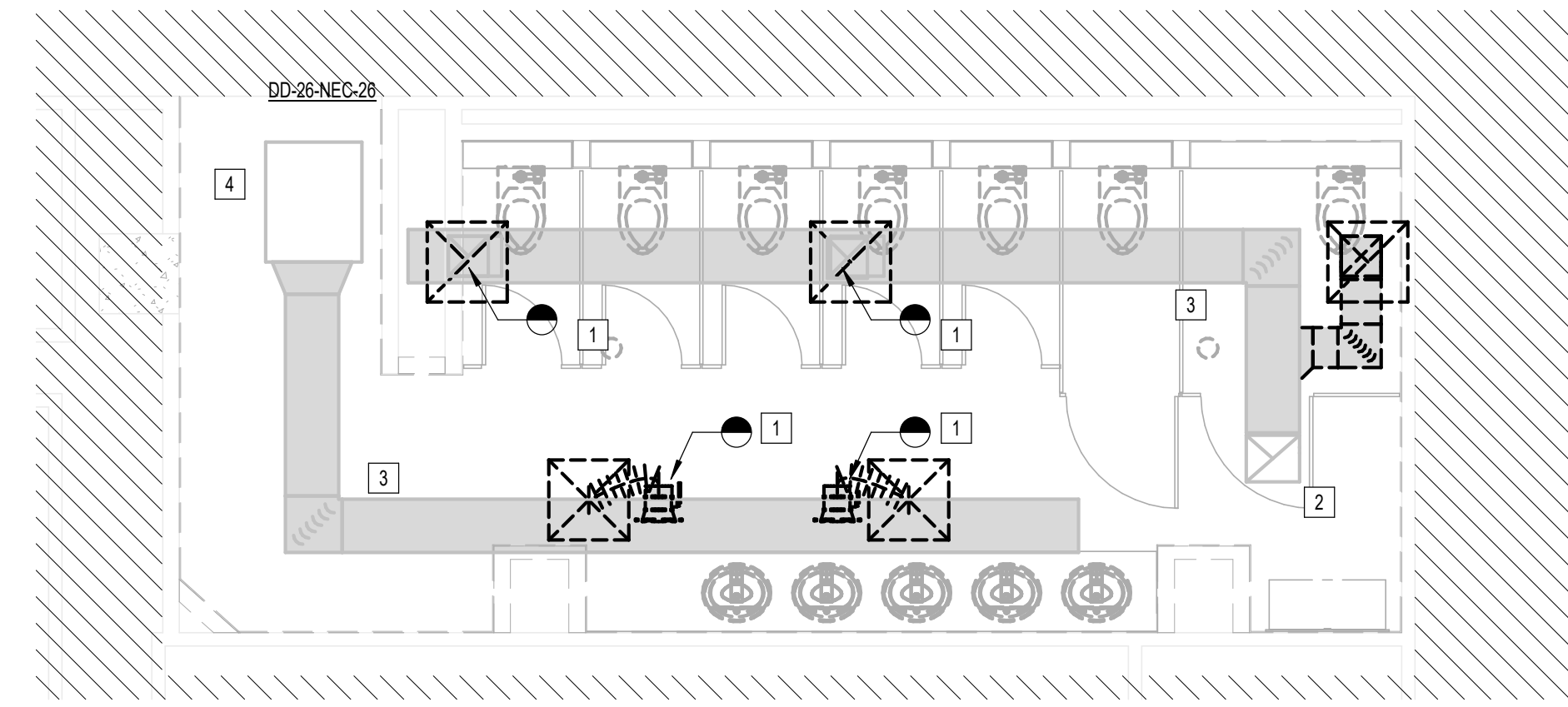
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEF20.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: HAS FILE: PLOT DATE:

KEYED NOTES	
#	KEY NOTE
1	POINT OF DEMOLITION. DEMOLISH ALL DOWNSTREAM DUCTWORK AND AIR DEVICES AND REMOVE.
2	DEMOLISH EXISTING EXHAUST FAN ON ROOF AND REMOVE. COORDINATE WITH ELECTRICAL CONTRACTOR.
3	SUPPLY EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.
4	EXISTING AIR TERMINAL UNIT TO REMAIN.



A3 MECHANICAL WOMEN'S RESTROOM GATE D07 AREA - DEMO
1/4" = 1'-0"

C3 MECHANICAL MEN'S RESTROOM GATE D07-D09 AREA - DEMO
1/4" = 1'-0"



A2 MECHANICAL WOMEN'S RESTROOM GATE D09 AREA - DEMO
1/4" = 1'-0"

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003
713.868.3121
www.rdlr.com

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428

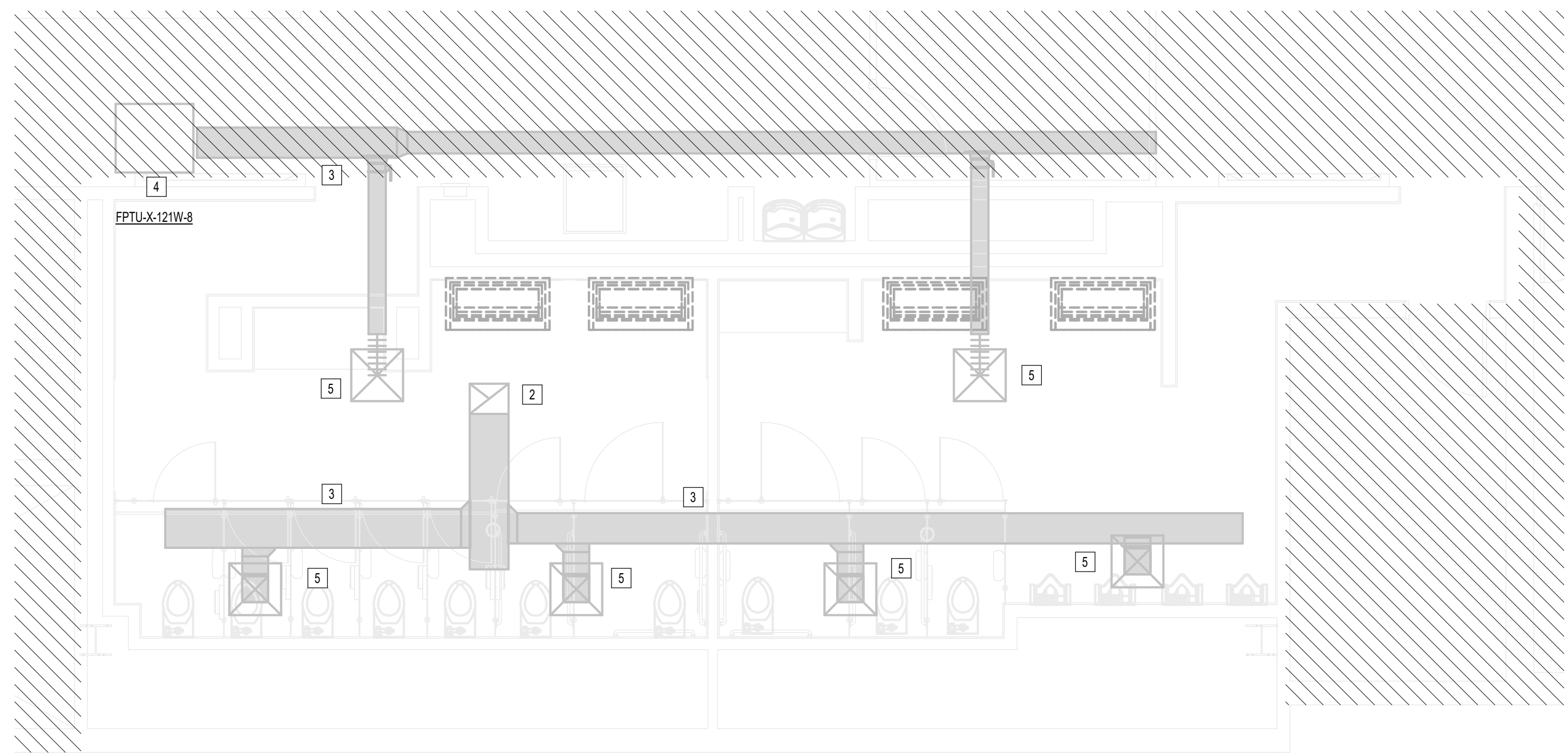
SHEET NAME:
MECHANICAL ENLARGED DEMO PLANS - CD CONNECTOR
SHEET No. MD-101 SCALE: 1/4" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
PLOT DATE: DOA DWG FILE: DOA DOA No.: PLOT DATE: HAS FILE:

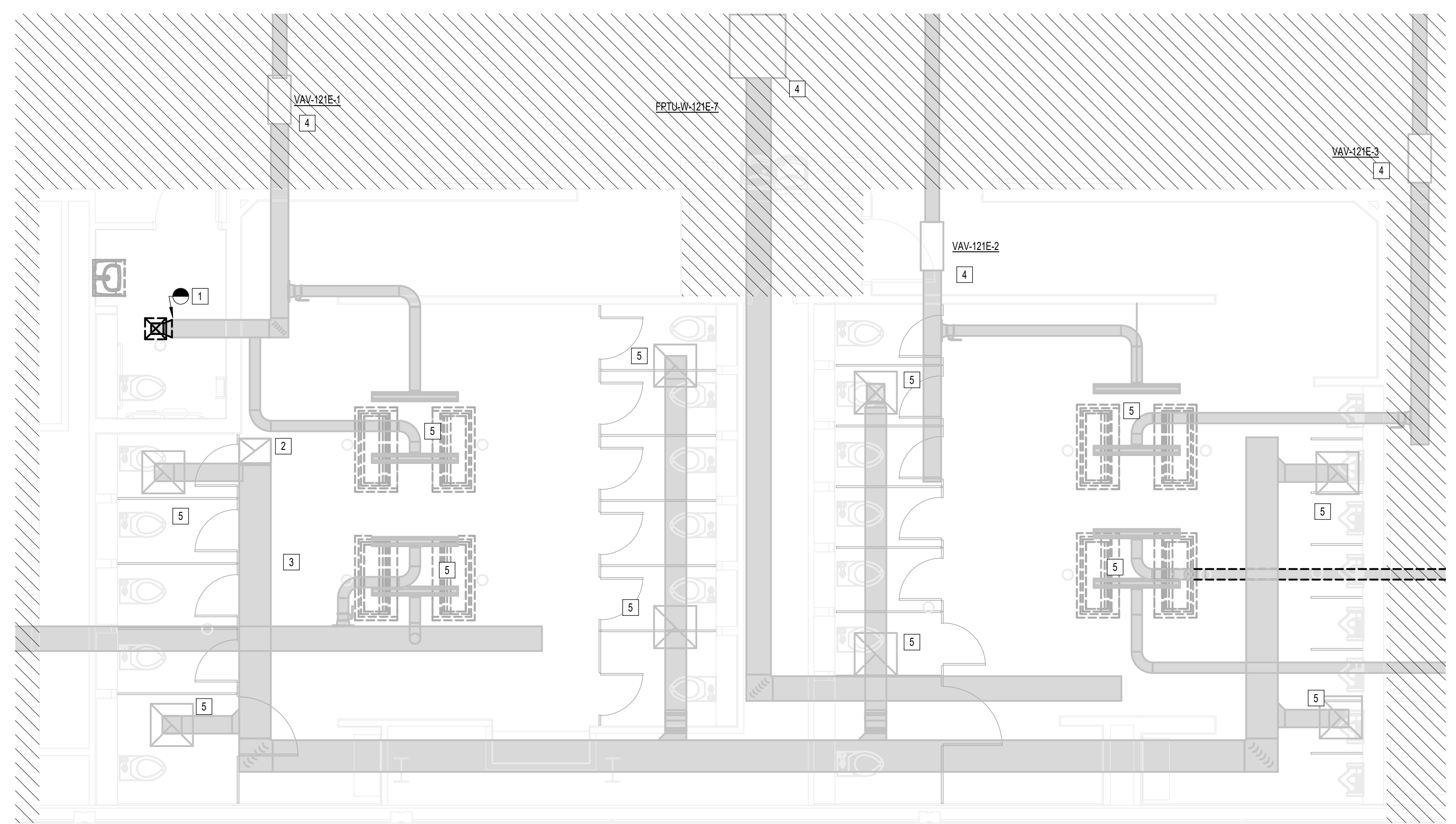
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/4780_MEP20.rvt

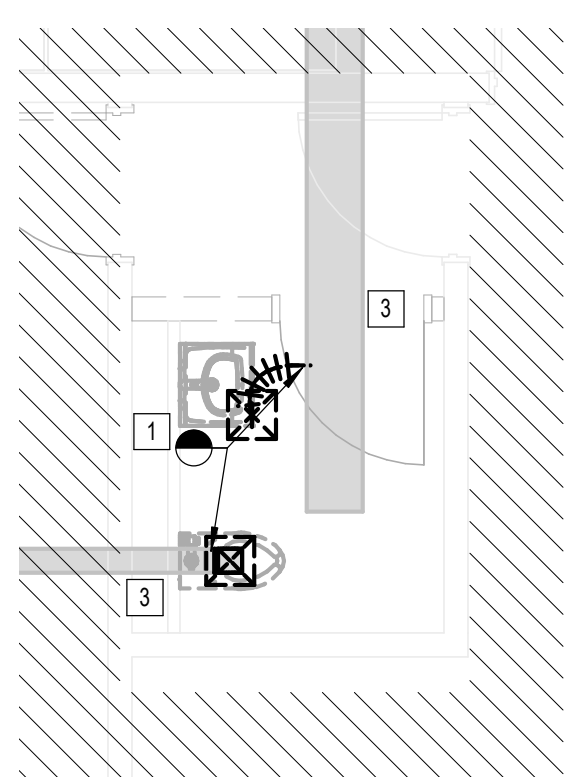
HAS FILE:



A3 MECHANICAL MEN & WOMEN'S RR GATE D12 - DEMO
1/4" = 1'-0"



B2 MECHANICAL D16 AREA RESTROOMS - DEMO
1/4" = 1'-0"



A1 MECHANICAL WOMEN'S RR GATE D15 AREA - DEMO
1/4" = 1'-0"

#	KEY NOTE
1	POINT OF DEMOLITION. DEMOLISH ALL DOWNSTREAM DUCTWORK AND AIR DEVICES AND REMOVE.
2	EXISTING EXHAUST FAN ON ROOF TO REMAIN.
3	SUPPLY EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.
4	EXISTING AIR TERMINAL UNIT TO REMAIN.
5	EXISTING AIR DEVICE TO REMAIN.



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

(Signature)
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428

SHEET NAME:
MECHANICAL ENLARGED DEMO PLANS -
TERMINAL D

SHEET No. MD-102 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

A

B

C

D

E

SYMBOL LEGEND

Table with columns for symbols and descriptions under categories: SWITCHES, RECEPTACLES AND OUTLETS, ELECTRICAL EQUIPMENT, MOTORS AND CONTROLS, FIRE ALARM, and CONDUCTORS.

GENERAL ELECTRICAL NOTES:

GENERAL NOTES

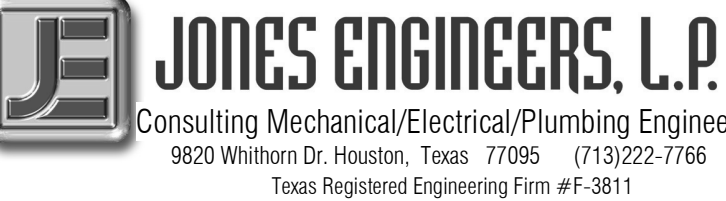
- 1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND WERE MADE FROM THE BEST INFORMATION AVAILABLE. CONFIRM ALL LOCATIONS AND DIMENSIONS IN THE FIELD. VISIT THE SITE PRIOR TO BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONDITIONS AS THEY EXIST AND NO ADDITIONAL COSTS WILL BE ALLOWED FOR READILY OBSERVABLE 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.). PANELS 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 EQUIPMENT REQUIRING SERVICE MUST HAVE GFCI PROTECTION PER NEC 210.8. 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, SPRING 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 ADA MUST BE COORDINATED WITH IAH ELECTRICAL DEPARTMENT.
6. 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 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 OR FROM 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 ALARM RELATED WORK INCLUDING FIRE ALARM SYSTEM SHUTDOWNS, MUST BE COORDINATED WITH OWNER.
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 FAA LOCAL BUILDING, PLUMBING, AND MECHANICAL CODES, NFPA 90A, 70 AND ANY OTHER APPLICABLE CODES. ELECTRICAL WORK MUST COMPLY WITH NEC-2020, CITY ELECTRIC CODES, AND HAS ELECTRICAL STANDARDS. BASE BUILDING STANDARDS AND SPECIFICATIONS SHALL APPLY TO ALL WORK SHOWN ON THESE DRAWINGS. IF ANY CONFLICT BETWEEN ANY CODE REQUIREMENTS ARISES, USE THE MOST RESTRICTIVE.
11. ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
12. SEAL NEW OR EXISTING PENETRATIONS IN 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 OWNER'S 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 2020 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. CONDUIT CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION FITTING PER NEC.
20. WIRING - ALL WIRING SHALL BE COPPER, MINIMUM SIZE #12 AWG, THWN, RATED AT 90V 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.
ALL BONDING AND GROUNDING PER 2020 NEC AND ALL HAS 2020 STANDARDS.
ALL UNUSED CONDUIT AND WIRING OF ANY CRAFT SHALL BE REMOVED BACK TO ITS SOURCE.
ALL ELECTRICAL WORK MUST PASS INSPECTION PRIOR TO BACKFILL, CONCRETE PLACEMENT, INSULATION OR COVERWALL OR CEILING.
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 #1115 OR EQUAL. RECEPTACLES - COMMERCIAL, 20 AMP, 120V, NEMA 5-20R, HUBBELL 5820 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 1111 OR EQUAL. FLOOR BOX WITH BRASS CARPET FLANGE SHALL BE HUBBELL B236 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 IN CONDUIT CROSSING EXPANSION OR DEFLECTION 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 SLEAVES AREAS. ANY CONDUIT PASSING THROUGH THE FLOOR SHALL BE RIGID GALVANIZED STEEL CONDUIT. ALL FLOOR PENETRATIONS SHALL BE INSPECTED FOR FIRE CAULKING BY BSG ELECTRICAL INSPECTORS BEFORE COVERING.
24. CONDUCTORS:
A. MINIMUM WIRE SIZE FOR BRANCH CIRCUITS BE NO. 12 AWG COPPER.
B. 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.
C. NO. 14 AWG OR NO. 16 AWG MAY BE USED FOR "FIXTURE WHIPS" FOR INDIVIDUAL FIXTURES WHEN USING INDIVIDUAL FUSE PROTECTION FOR EACH FIXTURE.
D. ALUMINUM WIRE SHALL BE USED ONLY FOR OVERHEAD SPANS FROM POLE TO POLE, POLE TO BUILDING, OR BUILDING TO BUILDING APPLICATIONS.
E. 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. REQUIRED TORQUE TO TERMINALS IN BREAKERS 100A AND ABOVE MUST BE WITNESSED BY HAS/BSG ELECTRICAL INSPECTORS.
G. CONDUIT COLOR CODING SHALL BE CONSISTENT ALONG THE ENTIRE LENGTH OF A CIRCUIT. COLOR CODING SHALL BE AS FOLLOWS:
480Y / 277V, 30, 4W 288Y / 120V, 30, 4W 282Y / 120V, 10, 3W
A0 - Brown A0 - Black A0 - Black
B0 - Purple B0 - Red C0 - Red
C0 - Yellow C0 - Blue N - White
N - Gray N - White Gnd - Bare Iso Gnd - Green
Gnd - Bare Iso Gnd - Green Iso Gnd - Green Iso Gnd - Green



3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS
C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS structural engineers

2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

Table with columns: No., DESCRIPTION, DATE, BY. Includes a section for REVISIONS.

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING
Professional seal of Curtis Jones, Jr. dated 03/15/2024.

SHEET NAME: ELECTRICAL ABBREVIATIONS, LEGENDS, AND NOTES
SHEET No. E-001 SCALE: 12" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/4780_MEP20.rvt
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:
PLOT DATE:

A

B

C

D

E



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

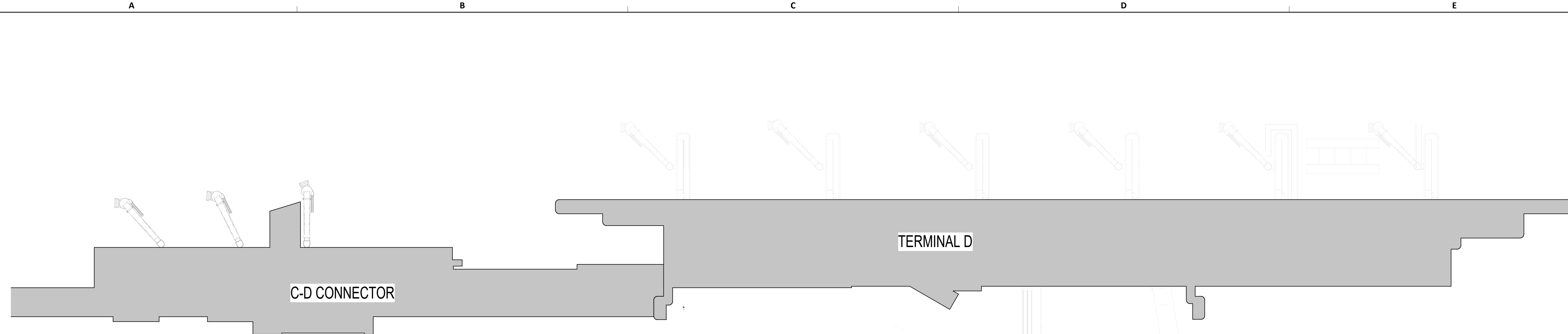
DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

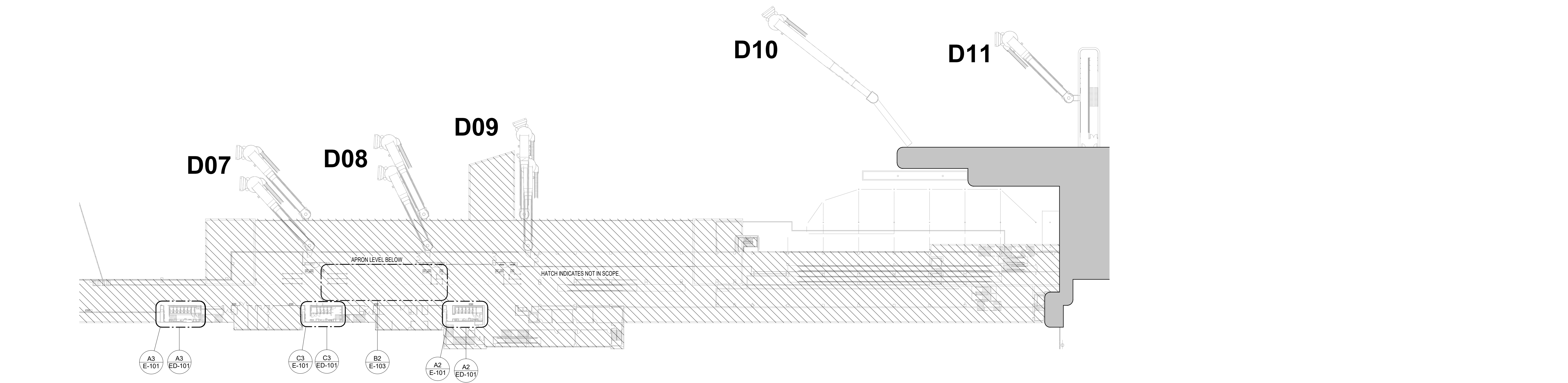
Professional Seal:
CURTIS JONES, JR.
P.E. 58428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

SHEET NAME:
ELECTRICAL OVERALL PLAN & TERMINAL
LEVELS
SHEET No. E-040 SCALE: As indicated

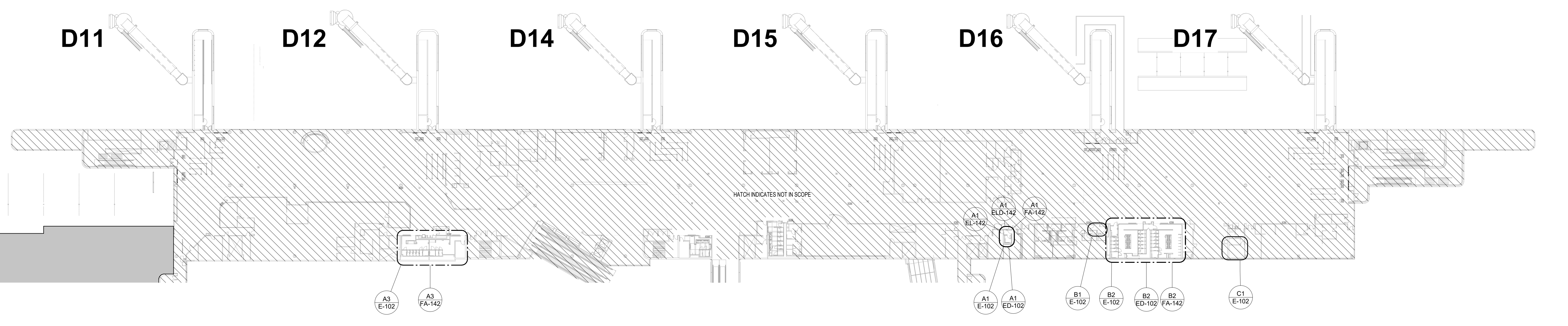
SHEET SIZE: 30"x42" ARCH E1



A3 ELECTRICAL POWER OVERALL
1"=40'



A2 ELECTRICAL POWER CD CONNECTOR DEPARTURES LEVEL
1"=40'



A1 ELECTRICAL POWER TERMINAL D DEPARTURES LEVEL
1"=40'

PLOT DATE: DOA DWG FILE: PLOT DATE: HAS FILE: FILE PATH: BIM 360://1429.12 Terminal D Restrooms/4780_MEP20.rvt

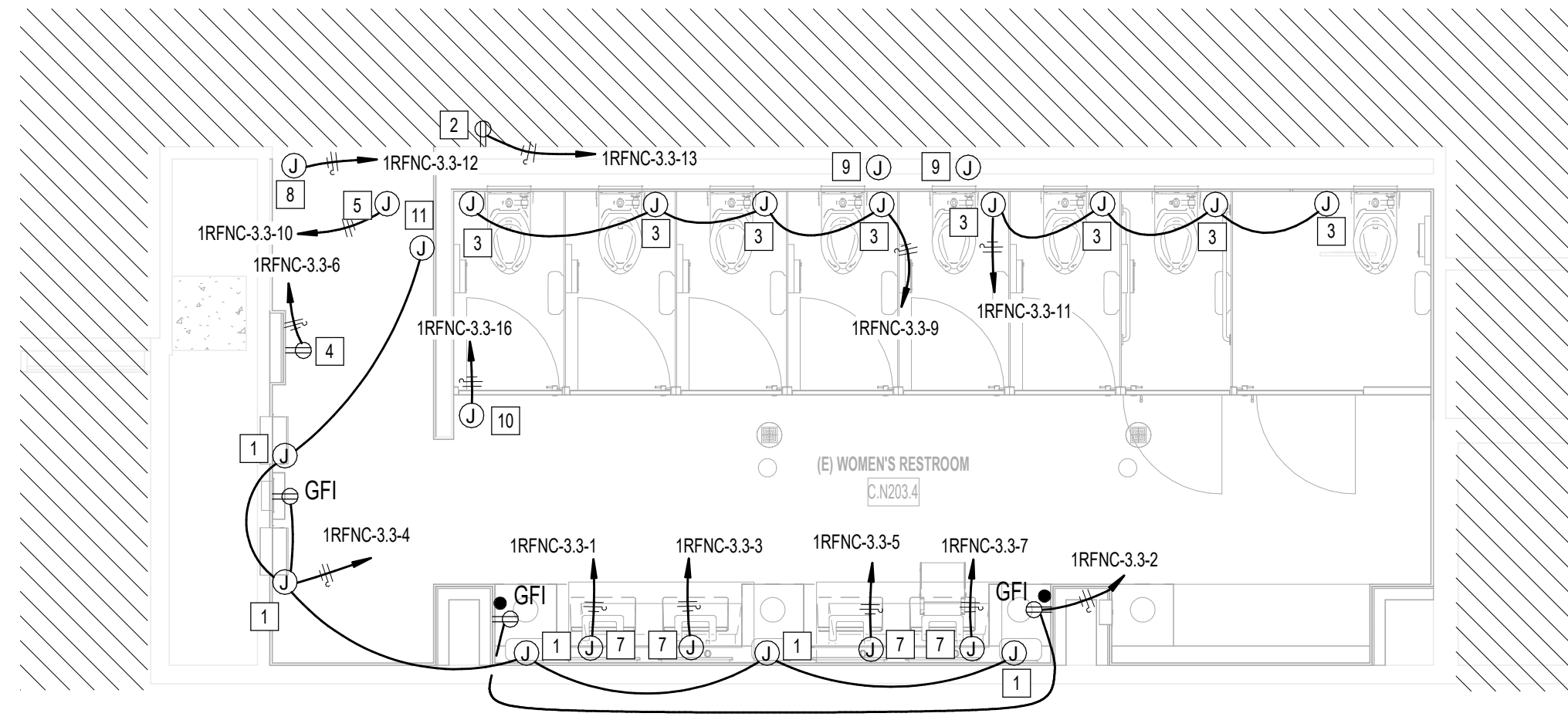
A

B

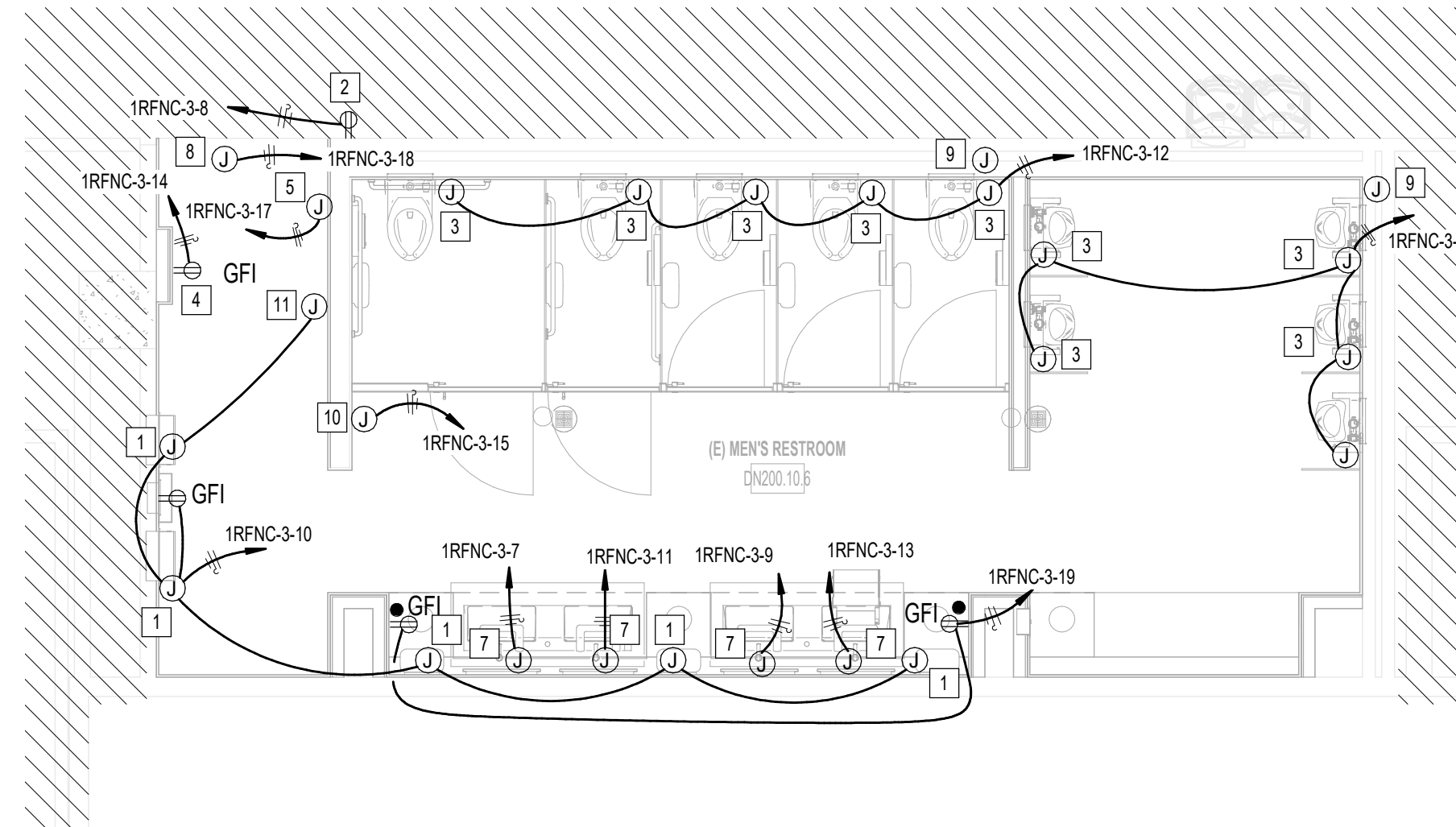
C

D

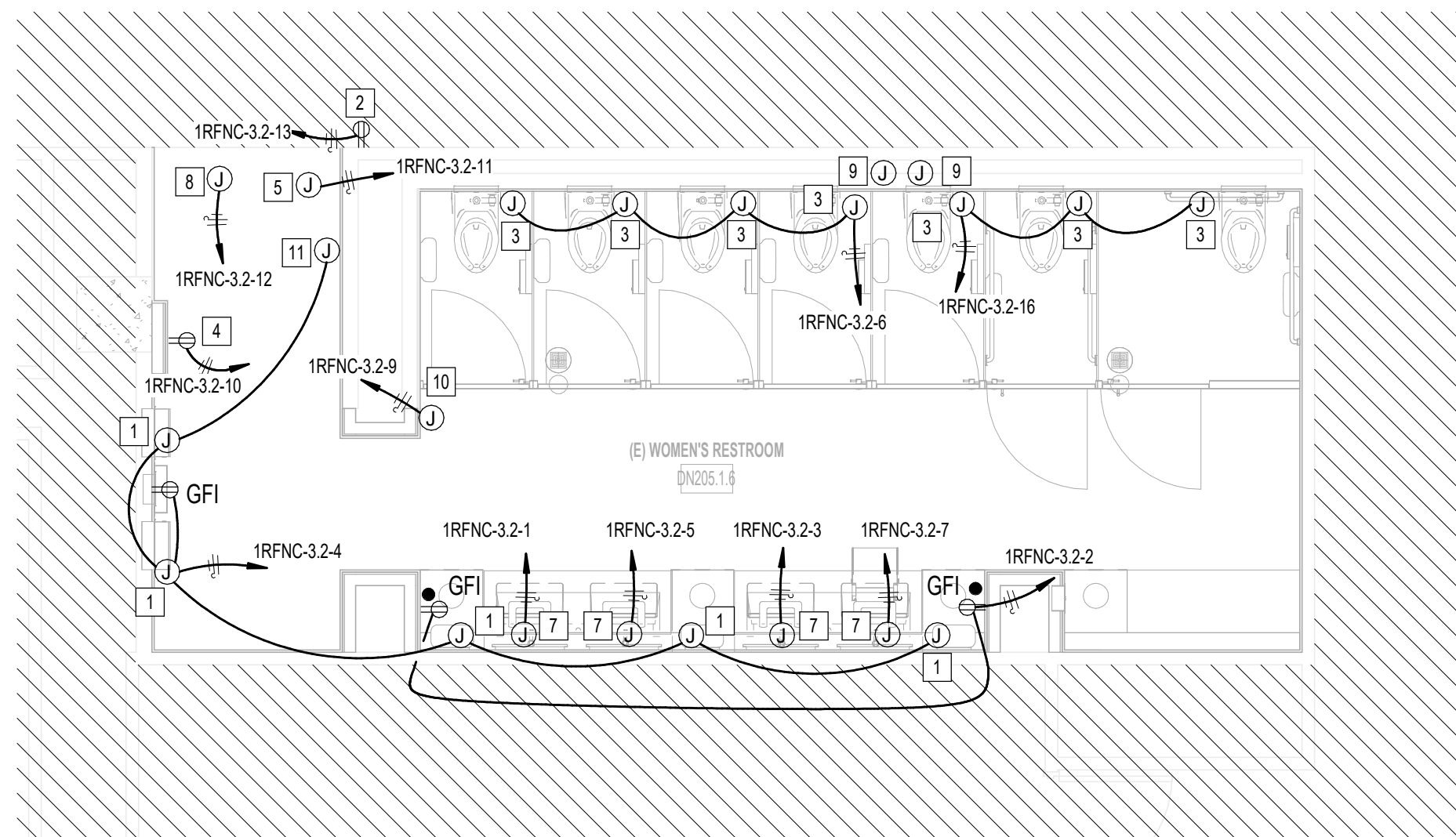
E



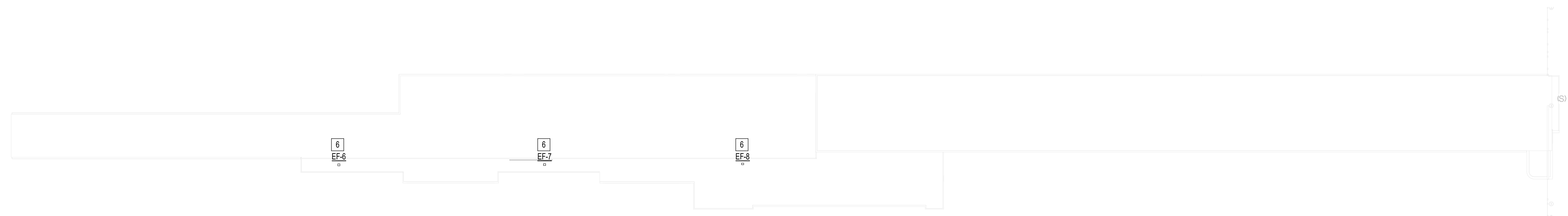
A3 ELECTRICAL POWER WOMEN'S RESTROOM GATE D07 AREA
1/4" = 1'-0"



C3 ELECTRICAL POWER MEN'S RESTROOM GATE D07-D09 AREA
1/4" = 1'-0"



A2 ELECTRICAL POWER WOMEN'S RESTROOM GATE D09 AREA
1/4" = 1'-0"



A1 POWER CD CONNECTOR ROOF PLAN
1" = 48'-0"

PLAN KEY NOTES	
#	NOTE
1	JUNCTION BOX FOR PAPERTOWEL DISPENSER.
2	CONTRACTOR TO COORDINATE FINAL LOCATION OF RECEPTACLE WITH ITRIP.
3	JUNCTION BOX FOR TOILET URINAL SENSOR. PROVIDE 120V HARDWIRE CONNECTION. COORDINATE LOCATION OF TRANSFORMER.
4	RECEPTACLE FOR SMART RESTROOM TABLET.
5	NEW LOCATION OF PASSENGER COUNTER. COORDINATE EXACT LOCATION WITH ARCHITECT.
6	RECONNECT NEW EXHAUST FAN TO EXISTING CIRCUIT/RECONNECT SWITCH SERVING REMOVED EXHAUST FAN.
7	JUNCTION BOX FOR WASHBAR, DRYER AND SOAP/WATER FAUCET SENSOR (120V, 120V). COORDINATE CONNECTION WITH EQUIPMENT MANUFACTURER. PROVIDE GFI RECEPTACLE(S) AS REQUIRED.
8	NEW LOCATION FOR JUNCTION BOX FOR SIGN / DAMPER TO REMAIN.
9	LOW VOLTAGE TRANSFORMER FOR TOILET SENSORS. PROVIDE ACCESS PANELS AS REQUIRED.
10	JUNCTION BOX FOR STALL OCCUPANCY LIGHTS. REFER TO TECHNOLOGY DRAWING FOR ADDITIONAL REQUIREMENTS.
11	JUNCTION BOX FOR FREEZE SENSOR. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

(Signature)
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428

SHEET NAME:
ELECTRICAL POWER ENLARGED RR PLANS -
CD CONNECTOR

SHEET No. E-101 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

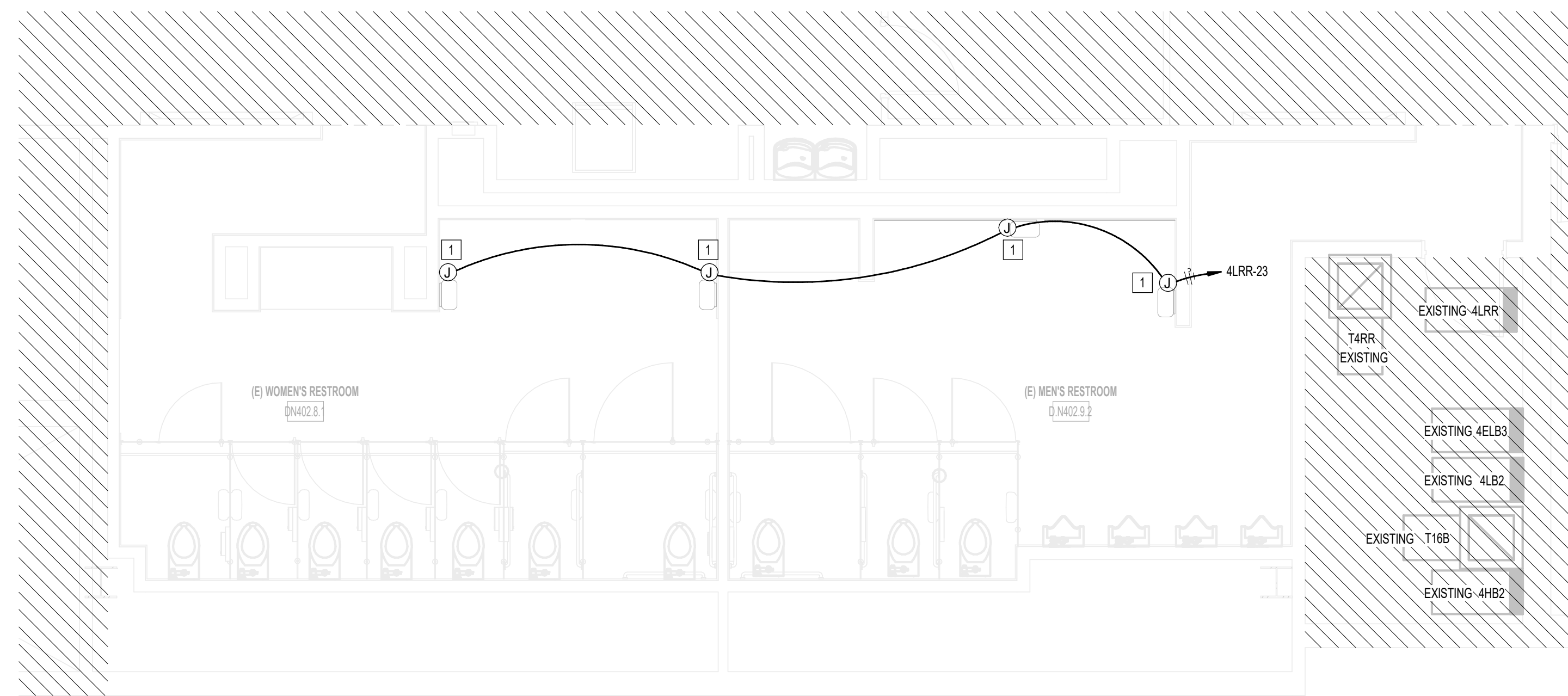
A

B

C

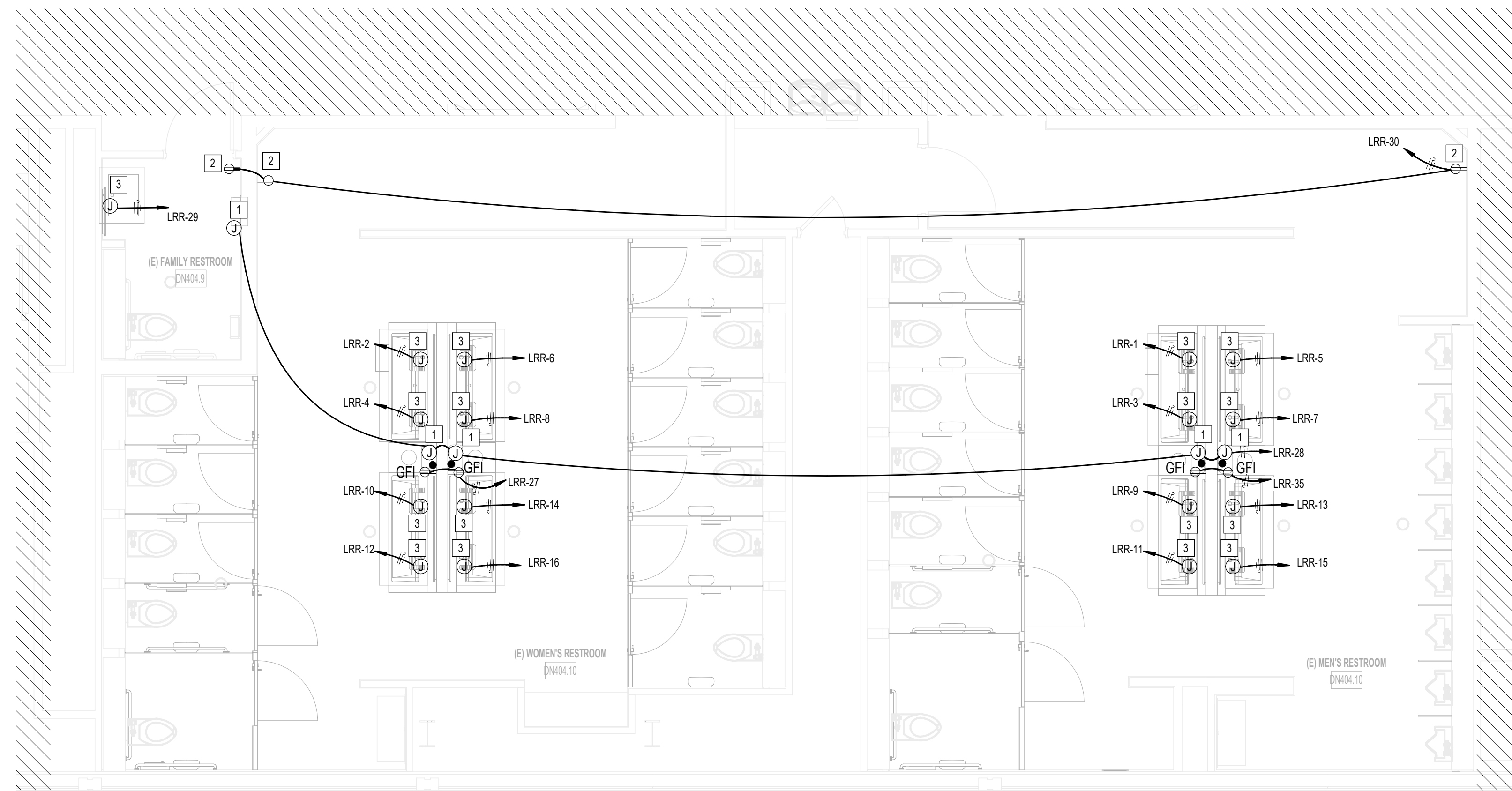
D

E

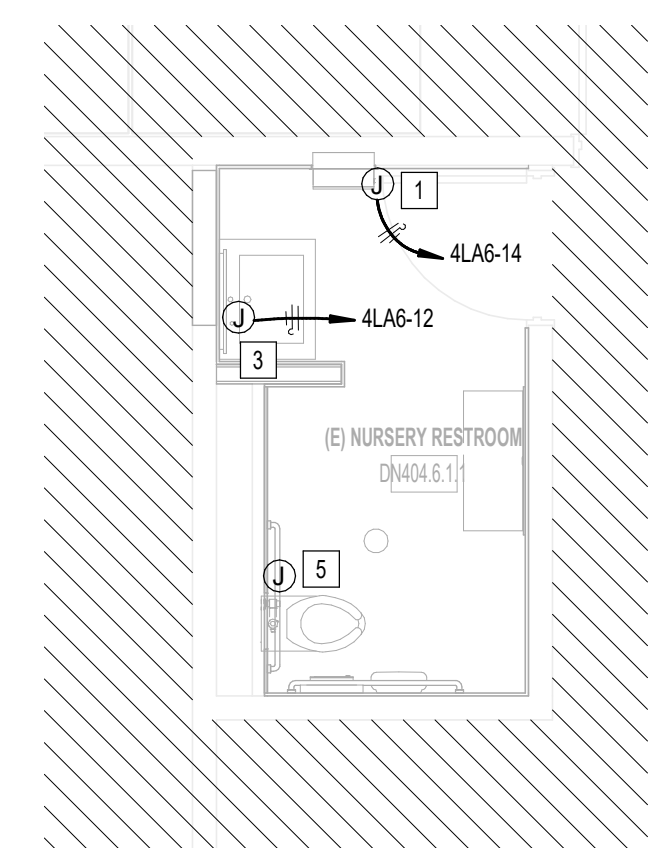


A3 ELECTRICAL POWER MEN & WOMEN'S RR GATE D12
1/4" = 1'-0"

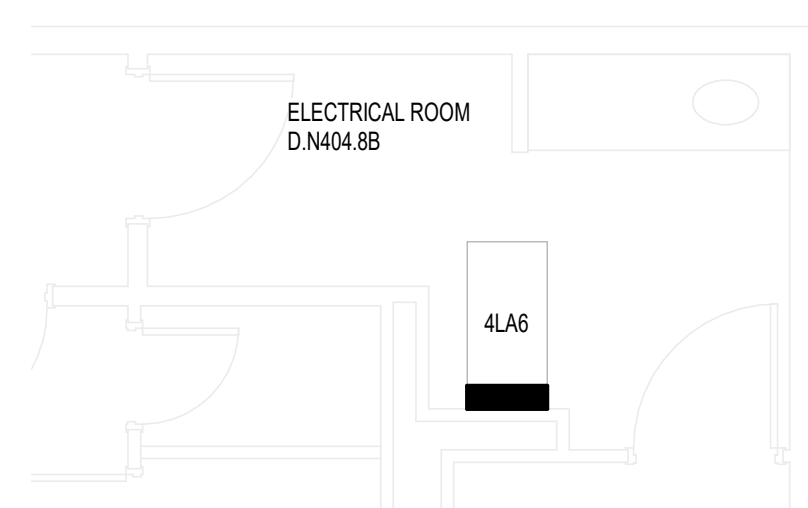
#	NOTE
1	JUNCTION BOX FOR PAPERTOWEL DISPENSER
2	RECEPTACLE FOR SMART RESTROOM TABLET
3	JUNCTION BOX FOR WASHBAR, DRYER AND SOAP WATER FAUCET SENSOR (120W, 120V). COORDINATE CONNECTION WITH EQUIPMENT MANUFACTURER. PROVIDE GFI RECEPTACLE(S) AS REQUIRED.
4	LOW VOLTAGE TRANSFORMER FOR TOILET SENSORS. PROVIDE ACCESS PANEL(S) AS REQUIRED.
5	RECONNECT TO EXISTING JUNCTION BOX FOR AUTO FLUSH SENSOR. COORDINATE EXACT LOCATION IN FIELD.



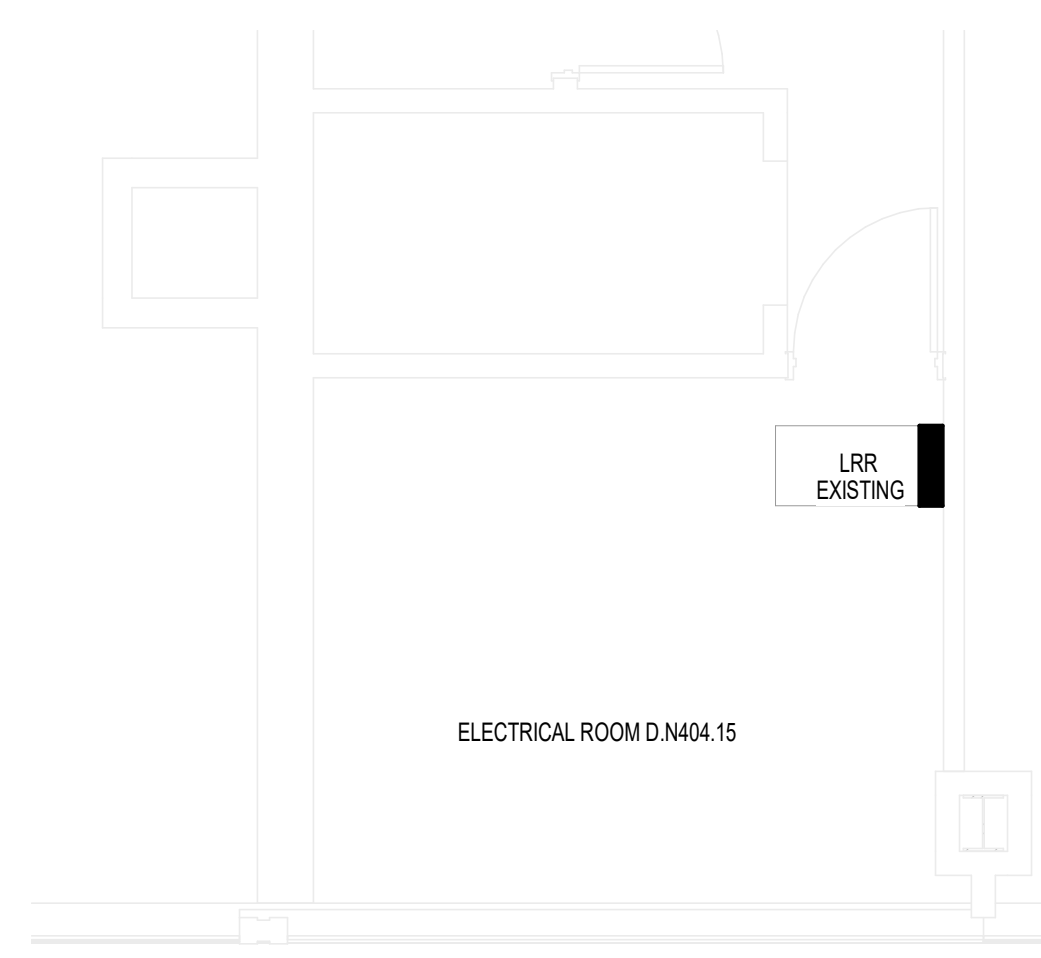
B2 ELECTRICAL POWER D16 AREA RESTROOMS
1/4" = 1'-0"



A1 ELECTRICAL POWER NURSERY RR GATE D15 AREA
1/4" = 1'-0"



B1 ELECTRICAL ROOM D15
1/4" = 1'-0"



C1 ELECTRICAL ROOM D17
1/4" = 1'-0"

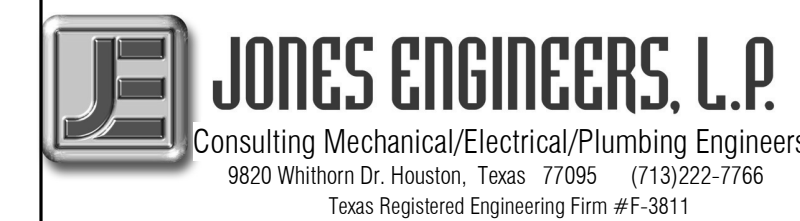


3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

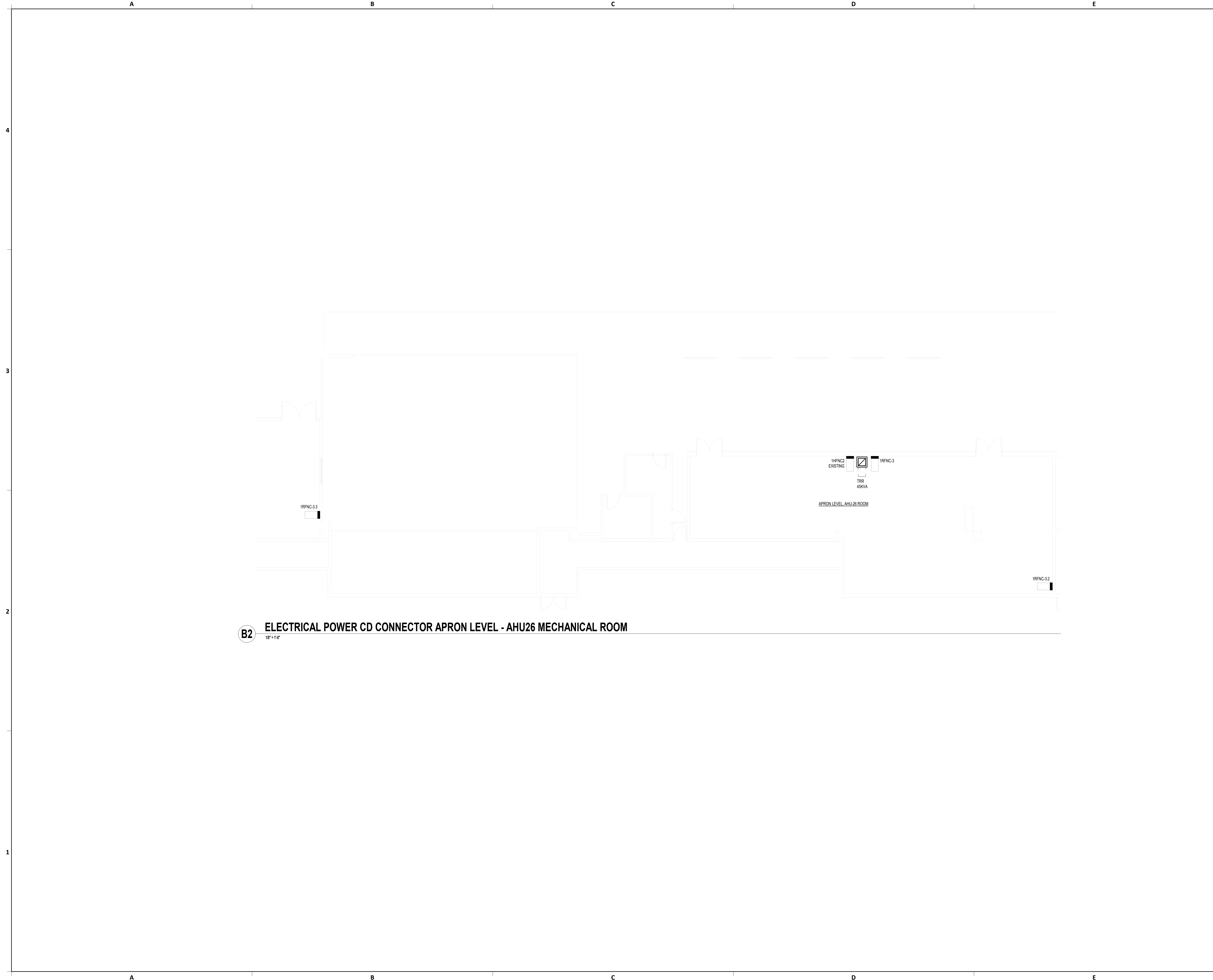
SHEET NAME:
ELECTRICAL POWER ENLARGED RR PLANS -
TERMINAL D
SHEET No. E-102 SCALE: 1/4" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1

PLOT DATE: DOA DWG FILE: PLOT DATE: FILE PATH: BIM 360://1429.12 Terminal D Restrooms/4780_MEP20.rvt HAS FILE:

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

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:



B2 ELECTRICAL POWER CD CONNECTOR APRON LEVEL - AHU26 MECHANICAL ROOM
 1/8" = 1'-0"



3701 North Terminal Road
 Houston, Texas 77032
**TERMINAL D - RESTROOM
 RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
 C.O.H. No. D.O.A. No.
 B.S.G. No. BSG-2022-139-IAH H.A.S. No.
 ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
 ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
 Consulting Mechanical/Electrical/Plumbing Engineers
 9820 Whitlorn Dr. Houston, Texas 77095 (713)222-7766
 Texas Registered Engineering Firm #F-3811

**HENDERSON
 ROGERS**
 structural engineers
 2603 Augusta, Suite 800
 Houston, Texas 77057
 713.430.5800 713.430.5888 fax
 www.hendersonrogers.com

DESIGNER PROJECT No.:
 PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
 DRAWN BY: JE
 CHECKED BY: JE
 ISSUE DATE: 03.15.24
 APPROVED BY: JE
 APPROVAL DATE: 03.15.24

**DIRECTOR
 of
 HOUSTON AIRPORT SYSTEM**

IFB
 ISSUED FOR BIDDING

JE#4780
 03/15/2024

SHEET NAME:
 ELECTRICAL POWER ENLARGED RR PLANS -
 CD CONNECTOR - APRON LEVEL
 SHEET No. E-103 SCALE: 1/8" = 1'-0"
 SHEET SIZE: 30"x42" ARCH E1



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No. DESCRIPTION DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING
CURTIS JONES, JR.
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR. P.E. 56428

SHEET NAME: ELECTRICAL SCHEDULE

SHEET No. E-201 SCALE:

SHEET SIZE: 30"x42" ARCH E1

BRANCH PANEL: 4LA6 EXISTING

LOCATION: SUPPLY FROM: MOUNTING: SURFACE ENCLOSURE: Type 1
VOLTS: 120/208 Wye PHASES: 3 WIRES: 4
A.I.C. RATING: MAINS TYPE: MCB MAINS RATING: 200 A MCB RATING: 200 A

NOTES:

CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT
1	EXISTING LOAD	--	20 A	1	1.2 kVA	0.0 kVA			1	20 A	SPARE	2
3	EXISTING LOAD	--	20 A	1		0.5 kVA	0.5 kVA		1	20 A	EXISTING LOAD	4
5	EXISTING LOAD	--	20 A	1			1.0 kVA	0.0 kVA	2	20 A	SPARE	6
7	EXISTING LOAD	--	20 A	1	1.2 kVA	0.0 kVA						8
9	EXISTING LOAD	--	20 A	1		1.0 kVA	1.0 kVA		1	20 A	EXISTING LOAD	10
11	EXISTING LOAD	--	20 A	1			1.0 kVA	1.2 kVA	1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSO...	12
13	EXISTING LOAD	--	20 A	1	1.2 kVA	0.1 kVA			1	20 A	#12 PAPER TOWEL DISPENSOR	14
15	EXISTING LOAD	--	20 A	1		1.0 kVA	0.0 kVA		1	20 A	SPARE	16
17	EXISTING LOAD	--	20 A	1			1.0 kVA	0.0 kVA	1	20 A	SPARE	18
19	EXISTING LOAD	--	20 A	1	1.2 kVA	0.0 kVA			1	20 A	SPARE	20
21	EXISTING LOAD	--	20 A	1		1.0 kVA	0.0 kVA		1	20 A	SPARE	22
23	EXISTING LOAD	--	20 A	1			1.0 kVA	0.0 kVA	1	20 A	SPARE	24
25	EXISTING LOAD	--	20 A	1	1.9 kVA	0.0 kVA			1	20 A	SPARE	26
27	EXISTING LOAD	--	20 A	3		1.9 kVA	0.0 kVA		1	20 A	SPARE	28
29	EXISTING LOAD	--	20 A	1			1.9 kVA	0.0 kVA	1	20 A	SPARE	30
31	SPARE	--	20 A	1	0.0 kVA	0.0 kVA			1	20 A	SPARE	32
33	SPARE	--	20 A	1		0.0 kVA	0.0 kVA					34
35	SPARE	--	20 A	1			0.0 kVA	0.0 kVA	3	50 A	SPARE	36
37	SPACE	--	--	1	--	--	--	--	--	--	SPACE	38
39	SPACE	--	--	1	--	--	--	--	--	--	SPACE	40
41	SPACE	--	--	1	--	--	--	--	--	--	SPACE	42
					TOTAL LOAD:	6799 VA	8919 VA	7119 VA				
					TOTAL AMPS:	57 A	58 A	59 A				

LEGEND:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Existing Load	13800 VA	125.00%	17250 VA	TOTAL CONN. LOAD: 20837 VA
HVAC	5757 VA	100.00%	5757 VA	TOTAL EST. DEMAND: 24287 VA
Power	1280 VA	100.00%	1280 VA	TOTAL CONN.: 58 A
				TOTAL EST. DEMAND: 67 A

NOTES:
DID NOT EXCEED PANEL CAPACITY OF 200AMPS

BRANCH PANEL: LRR EXISTING

LOCATION: SUPPLY FROM: MOUNTING: SURFACE ENCLOSURE: Type 1
VOLTS: 120/208 Wye PHASES: 3 WIRES: 4
A.I.C. RATING: 1000 MAINS TYPE: MCB MAINS RATING: 100 A MCB RATING: 100 A

NOTES:

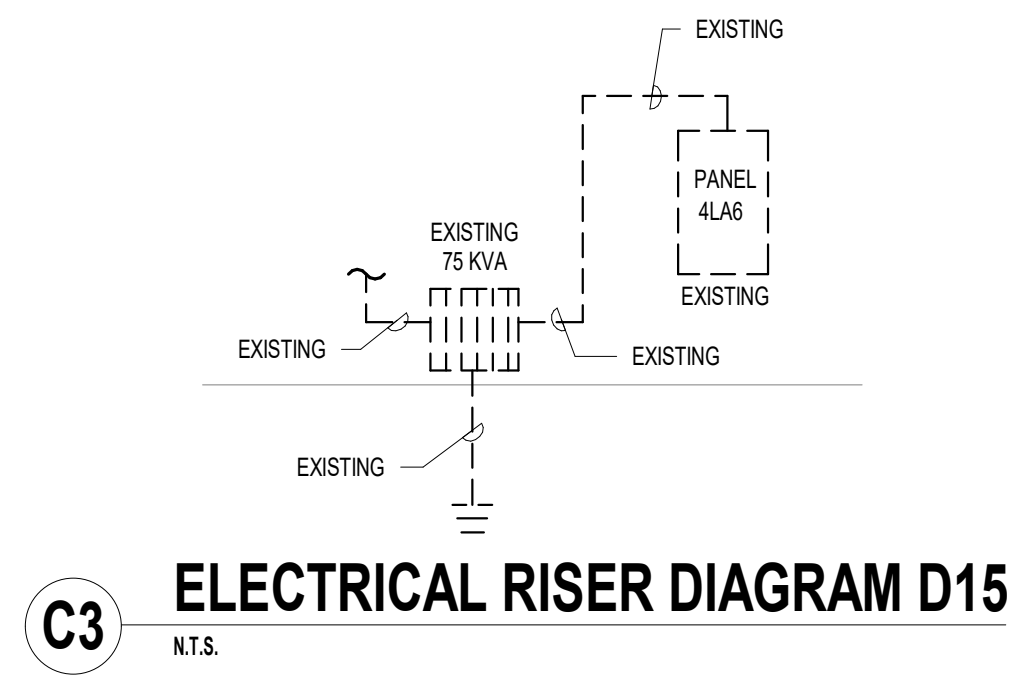
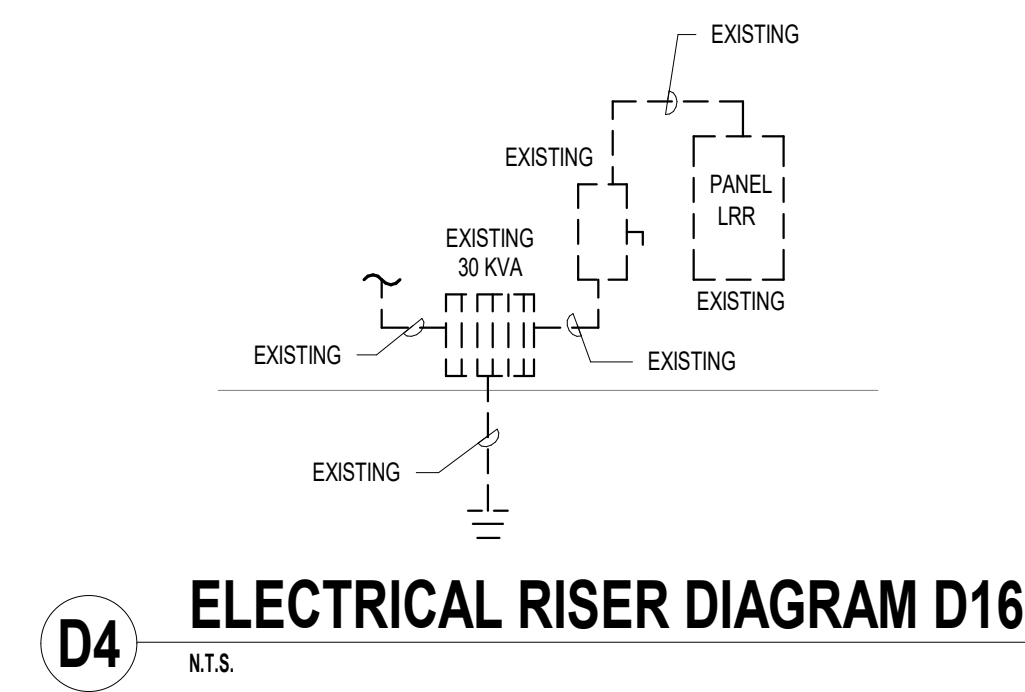
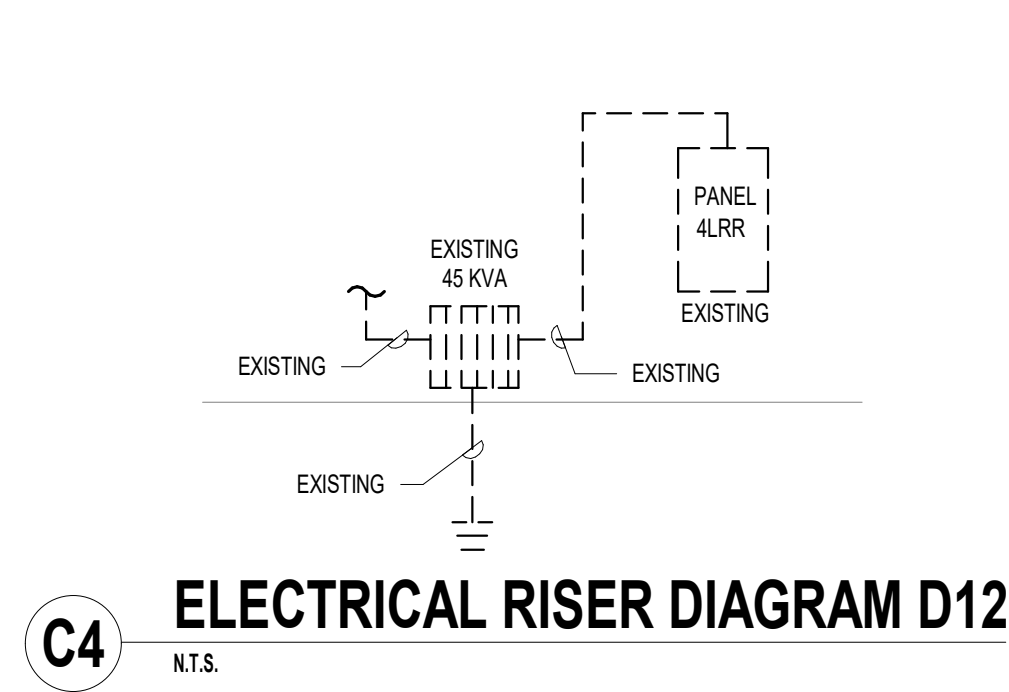
CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT
1	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1	1.2 kVA	1.2 kVA			1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	2
3	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1	1.2 kVA	1.2 kVA			1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	4
5	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1			1.2 kVA	1.2 kVA	1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	6
7	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1	1.2 kVA	1.2 kVA			1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	8
9	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1		1.2 kVA	1.2 kVA		1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	10
11	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1			1.2 kVA	1.2 kVA	1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	12
13	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1	1.2 kVA	1.2 kVA			1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	14
15	WASHBAR SOAPWATER FAUCET SENSOR MEN RR	#10	20 A	1	1.2 kVA	1.2 kVA			1	20 A	#10 WASHBAR SOAPWATER FAUCET SENSOR WMEN RR	16
17	EXISTING WOMENS SOAP DISP	--	20 A	1		0.5 kVA	0.5 kVA		1	20 A	EXISTING MENS SOAP DISP	18
19	EXISTING MOSAICLED STRIPS/MIRROR	--	20 A	1	0.5 kVA	0.5 kVA			1	20 A	EXISTING FIRER RACK	20
21	EXISTING	--	20 A	1		0.5 kVA	0.5 kVA		1	20 A	EXISTING D9 TICKET POOLIMS	22
23	EXISTING FIRER RACK	--	20 A	1			0.5 kVA	0.5 kVA	1	20 A	EXISTING D9 TICKET POOLIMS	24
25	SPARE	--	20 A	1	0.0 kVA	0.5 kVA			1	20 A	EXISTING D9 TICKET POOLIMS	26
27	RECEPTACLES WOMENS RR	#10	20 A	1		0.4 kVA	0.4 kVA		1	20 A	#10 PAPER TOWEL MENS, WOMENS, FAMILY RR	28
29	WASHBAR SOAPWATER FAUCET SENSOR FAM RR	#8	20 A	1			1.2 kVA	0.5 kVA	1	20 A	#10 SMART TABLET MENS, WOMENS, FAMILY RR *	30
31	SPARE	--	50 A	2	0.0 kVA	0.0 kVA			2	50 A	SPARE	32
33	SPARE	--	20 A	1		0.0 kVA	0.0 kVA					34
35	RECEPTACLES MENS RR	#10	20 A	1			0.4 kVA	0.0 kVA	1	20 A	SPARE	36
37	SPARE	--	20 A	1	0.0 kVA	0.0 kVA			1	20 A	SPARE	38
39	SPARE	--	20 A	1		0.0 kVA	0.0 kVA		1	20 A	SPARE	40
41	SPARE	--	20 A	1			0.0 kVA	0.0 kVA	1	20 A	SPARE	42
					TOTAL LOAD:	8700 VA	8660 VA	8600 VA				
					TOTAL AMPS:	73 A	75 A	74 A				

LEGEND:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Power	25300 VA	100.00%	25300 VA	TOTAL CONN. LOAD: 26560 VA
Receptacle	1260 VA	100.00%	1260 VA	TOTAL EST. DEMAND: 26560 VA
				TOTAL CONN.: 74 A
				TOTAL EST. DEMAND: 74 A

NOTES:
* - GFCI BREAKER

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: HAS FILE:



BRANCH PANEL: 1HFNC2		EXISTING	
LOCATION:		VOLTS: 480/277 Wye	
SUPPLY FROM:		PHASES: 3	
MOUNTING: SURFACE		MAINS TYPE: MLO	
ENCLOSURE: Type 1		WIRES: 4	
		A.I.C. RATING: 18K	
		MAINS RATING: 150 A	
		MCB RATING:	

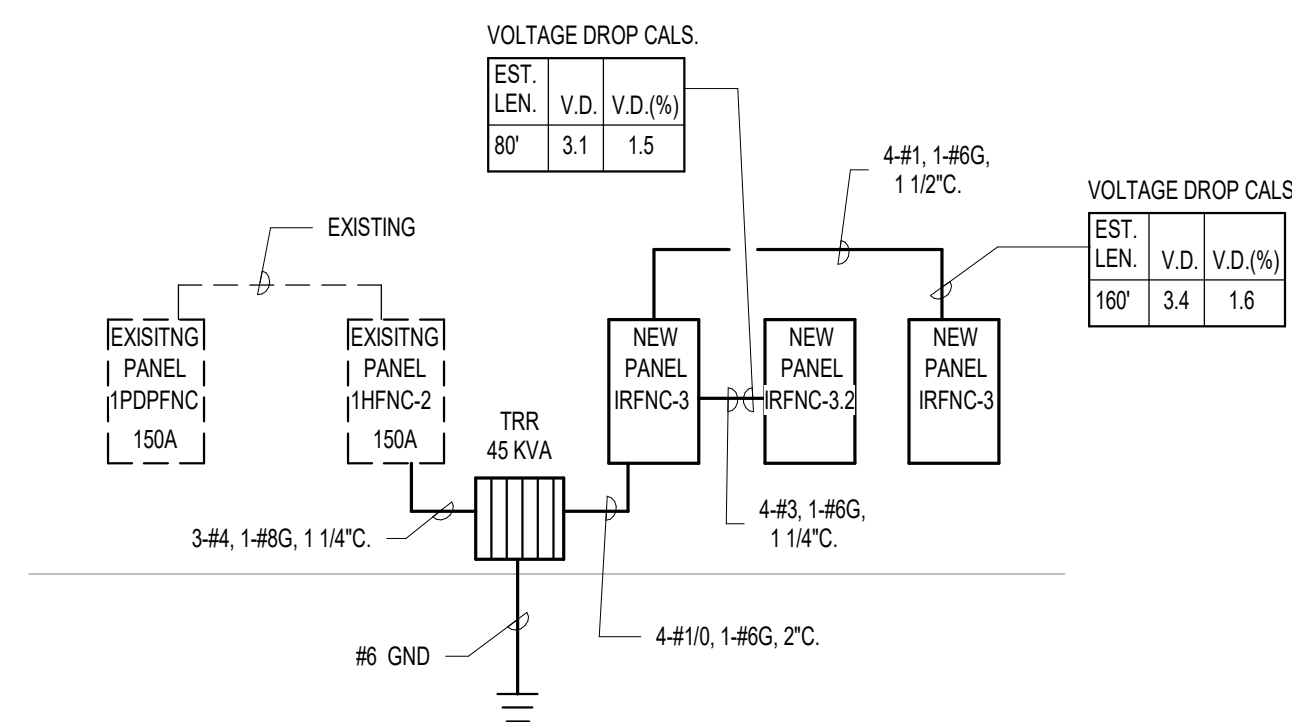
NOTES:

CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT
1	EXISTING LIGHTING CONCOURSE	--	20 A	1	2.4 kVA	2.5 kVA		1	20 A	--	EXISTING LIGHTING CONCOURSE	2
3	EXISTING LIGHTING CONCOURSE	--	20 A	1	1.8 kVA	3.4 kVA		1	20 A	--	EXISTING LIGHTING CONCOURSE	4
5	EXISTING LIGHTING CONCOURSE	--	20 A	1	1.2 kVA	2.8 kVA	3.1 kVA	3.0 kVA	1	20 A	EXISTING LIGHTING CONCOURSE	6
7	EXISTING SIGNAGE	--	20 A	1					1	20 A	EXISTING HUB FIBER	8
9	SPARE	--	20 A	1	0.0 kVA	3.5 kVA			1	20 A	EXISTING COLD CATHODE HUB	10
11		--					6.6 kVA	4.2 kVA	1	20 A	EXISTING LOAD	12
13	EXISTING AHU-IDFN01	--	30 A	3	6.6 kVA	5.8 kVA			2	60 A	EXISTING XFMR FOR USO PANEL	14
15		--			6.6 kVA	5.8 kVA						16
17		--							1	--	SPACE	18
19		--							1	--	SPACE	20
21		--							1	--	SPACE	22
23		--							1	--	SPACE	24
25		--							1	--	SPACE	26
27	XFMR TRR PANEL 1RFNC-3	--	70 A	3	9.0 kVA	--	9.1 kVA	--	1	--	SPACE	28
29		--					9.3 kVA	--	1	--	SPACE	30
TOTAL LOAD:					30253 VA		30223 VA		26178 VA			
TOTAL AMPS:					111 A		111 A		95 A			

LEGEND:

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Existing Load	19175 VA	125.00%	23969 VA	
HVAC	1950 VA	100.00%	1950 VA	TOTAL CONN. LOAD: 28655 VA
Lighting	1620 VA	125.00%	2025 VA	TOTAL EST. DEMAND: 26488 VA
Power	28650 VA	100.00%	28650 VA	TOTAL CONN.: 104 A
Receptacle	2700 VA	100.00%	2700 VA	TOTAL EST. DEMAND: 115 A

NOTES:
DID NOT EXCEED PANEL CAPACITY OF 150AMPS



Mark	Description	Mounting	Lamps/ Watts	Type	Volts	Remarks
D	FOCALPOINT #FL60-2XLED-L40-RD-T	RECESSED	24.1	LED	UNV	
DE	FOCALPOINT #FL60-2XLED-L40-RD-T	RECESSED	24.1	LED	UNV	WITH 90 MINUTE BATTERY BACKUP, INTEGRAL TEST SWITCH.
G1	MARK #SL4LXXFT-RLP-XX-60CR-40K-80LMF-MIN10-277-ZT	RECESSED	136	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.
G2	MARK #SL4LXXFT-RLP-XX-60CR-40K-80LMF-MIN10-277-ZT	RECESSED	56	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.
G3	MARK #FINL 3 4D N 40 AD XX CR	RECESSED	18	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.
G4	MARK #FINL 2 4D N 40 AD XX CR	RECESSED	12	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.
G5	MARK #SL4LXXFT-RLP-XX-60CR-40K-80LMF-MIN10-277-ZT	RECESSED	208	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.
G6	MARK #SL4LXXFT-RLP-XX-60CR-40K-80LMF-MIN10-277-ZT	RECESSED	184	LED	UNV	COORDINATE LENGTH OF FIXTURE IN FIELD.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

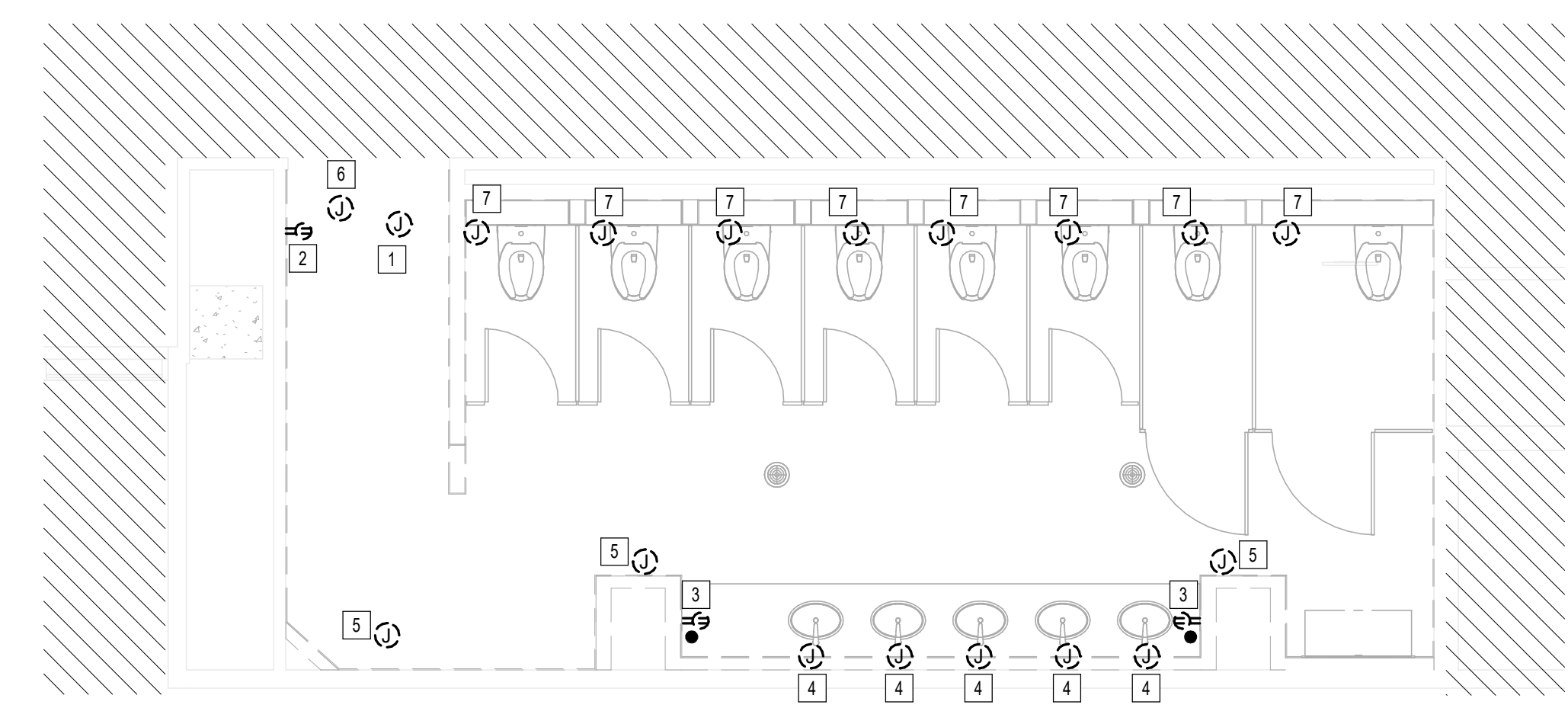
Professional Seal: CURTIS JONES, JR. No. 65842B
JE#4780 03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME: ELECTRICAL DETAIL
SHEET No. E-300 SCALE: N.T.S.
SHEET SIZE: 30"x42" ARCH E1

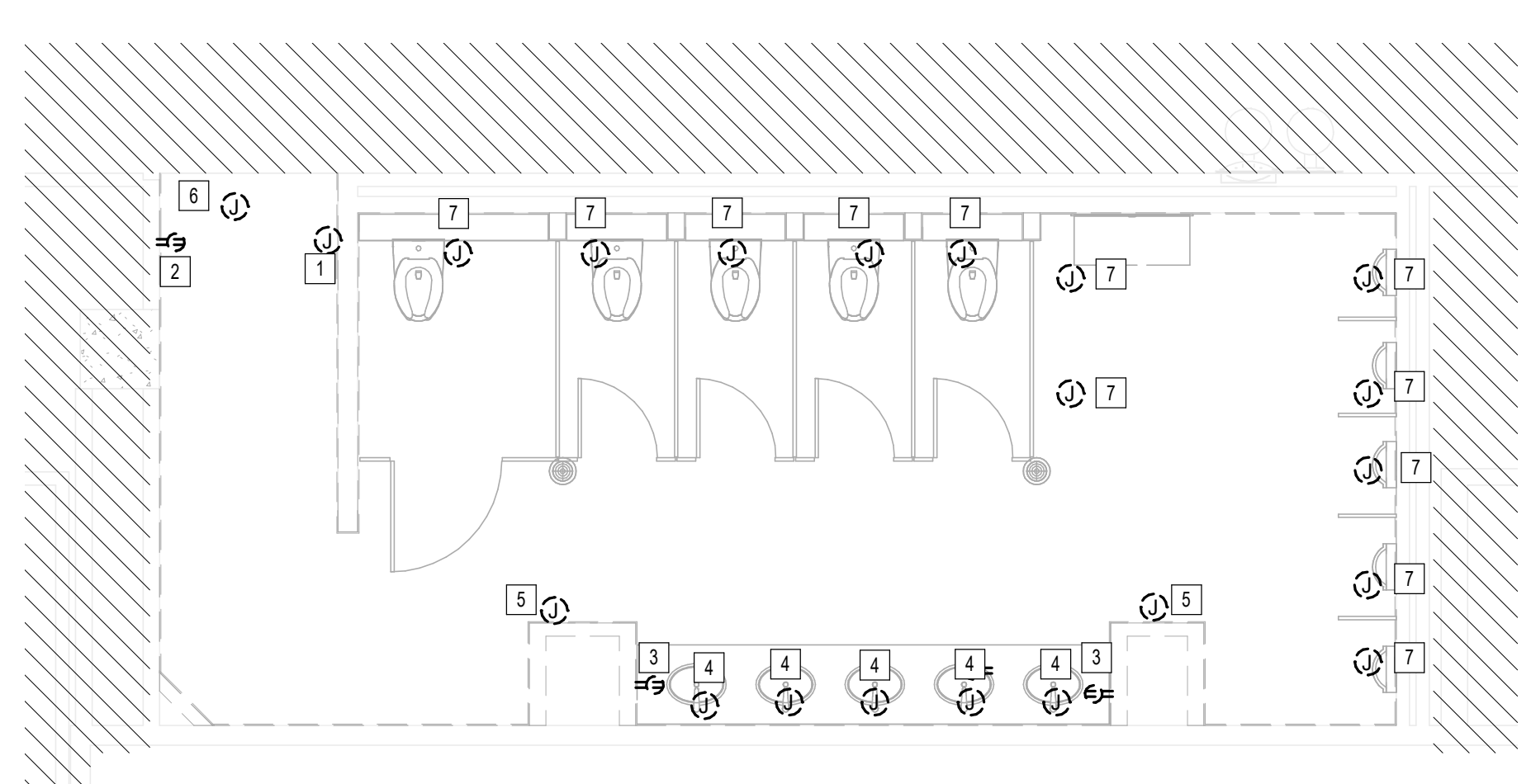
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

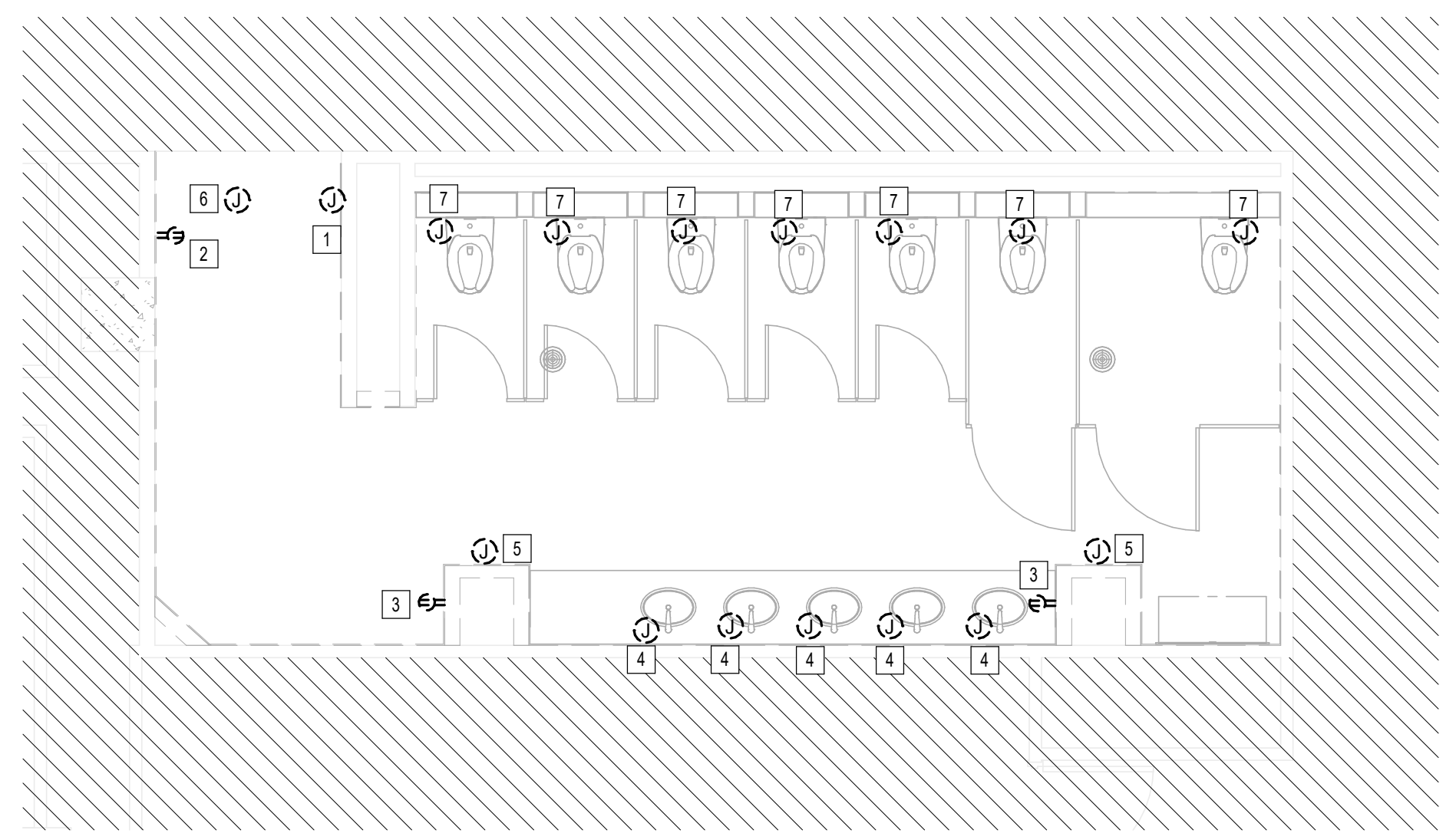
HAS FILE:



A3 ELECTRICAL POWER WOMEN'S RESTROOM GATE D07 AREA - DEMO
1/4" = 1'-0"



C3 ELECTRICAL POWER MEN'S RESTROOM GATE D07-D09 AREA - DEMO
1/4" = 1'-0"



A2 ELECTRICAL POWER WOMEN'S RESTROOM GATE D09 AREA - DEMO
1/4" = 1'-0"

PLAN KEY NOTES	
#	NOTE
1	JUNCTION BOX FOR PASSENGER COUNTER. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION.
2	REMOVE RECEPTACLE.
3	REMOVE RECEPTACLE.
4	REMOVE JUNCTION BOX FOR SOAP WATER FAUCET SENSOR.
5	REMOVE JUNCTION BOX FOR PAPER TOWEL DISPENSER.
6	EXISTING JUNCTION BOX FOR SIGN / DAMPER TO REMAIN.
7	REMOVE JUNCTION BOX FOR TOILET SENSOR.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428

SHEET NAME:
ELECTRICAL POWER ENLARGED DEMO PLANS
- CD CONNECTOR

SHEET No. ED-101 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

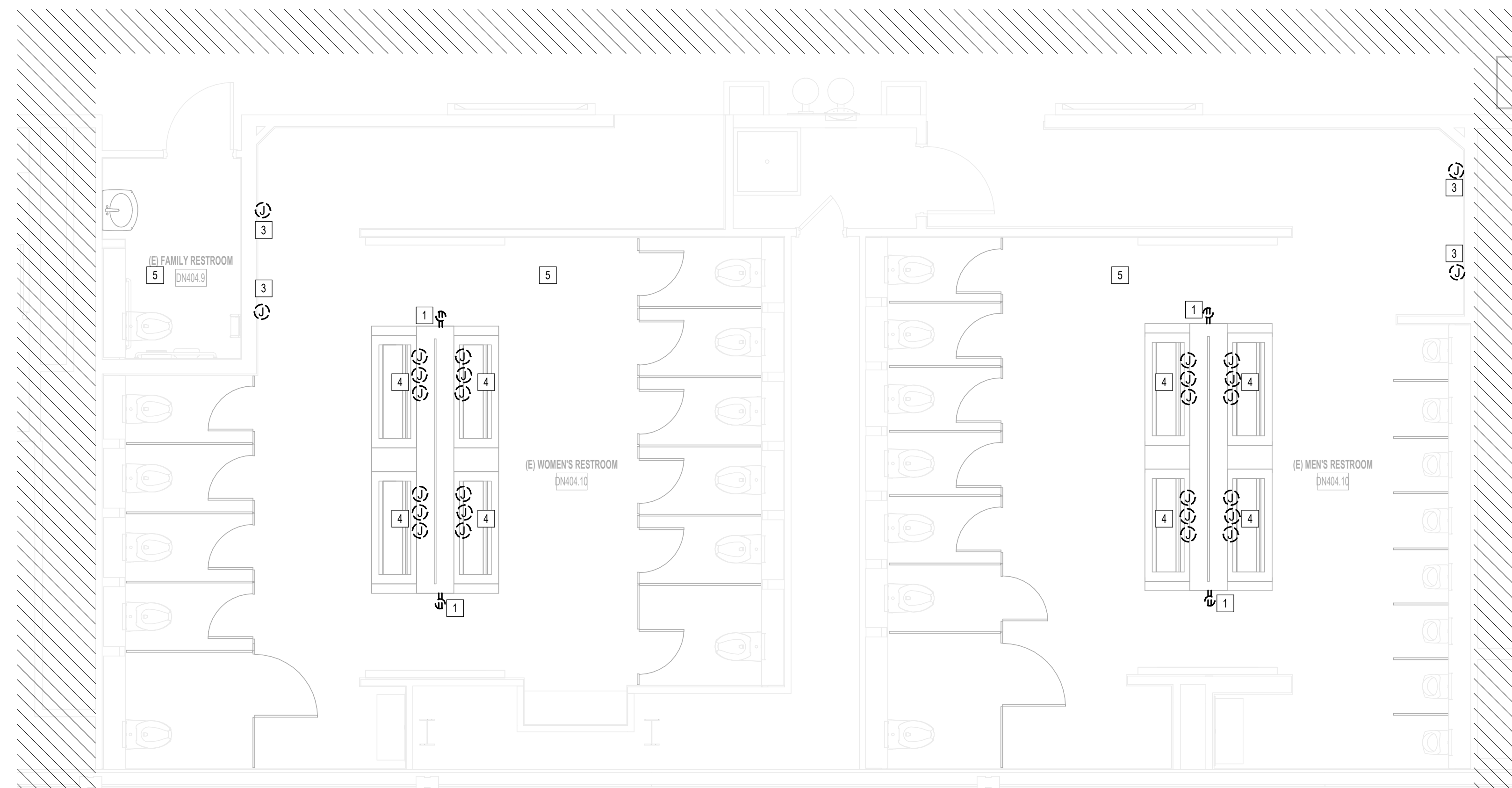
RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

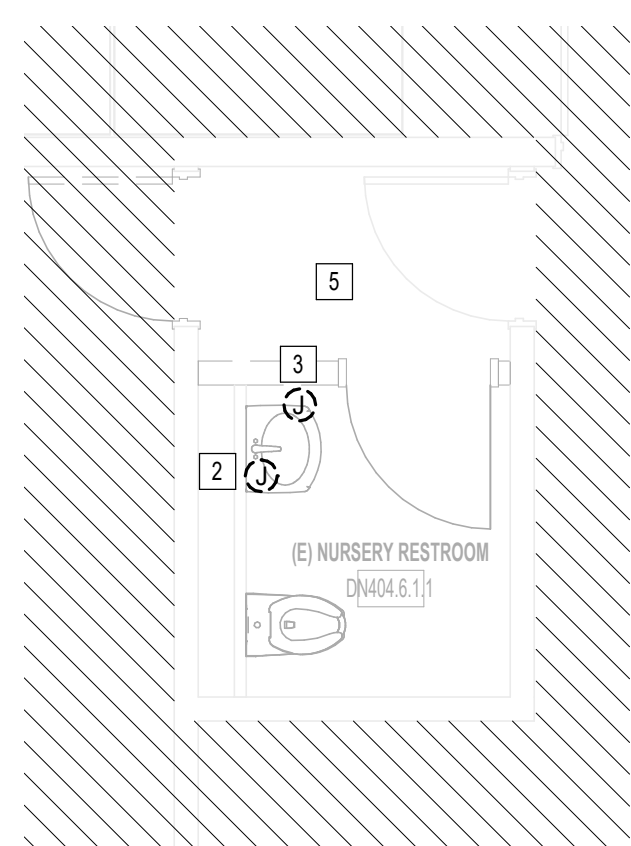
JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitlorn Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

PLAN KEY NOTES	
#	NOTE
1	REMOVE RECEPTACLE
2	REMOVE JUNCTION BOX FOR SOAP WATER FAUCET SENSOR.
3	REMOVE JUNCTION BOX FOR PAPER/TOWEL DISPENSER.
4	REMOVE JUNCTION BOX FOR SOAP WATER FAUCET SENSOR. REMOVE WIRE AND CONDUIT BACK TO PANEL. CONDUIT TO BE REUSED.
5	ALL EXISTING ELECTRICAL DEVICES ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.



B2 ELECTRICAL POWER MEN'S AND WOMEN'S RESTROOMS GATE D16 - DEMO
1/4" = 1'-0"



A1 ELECTRICAL POWER NURSERY RR GATE D15 AREA - DEMO
1/4" = 1'-0"

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
No. 58428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

SHEET NAME:
ELECTRICAL POWER ENLARGED DEMO PLANS
- TERMINAL D

SHEET No. ED-102 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

PLOT DATE: DOA DWG FILE: PLOT DATE: FILE PATH: BIM 360://1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

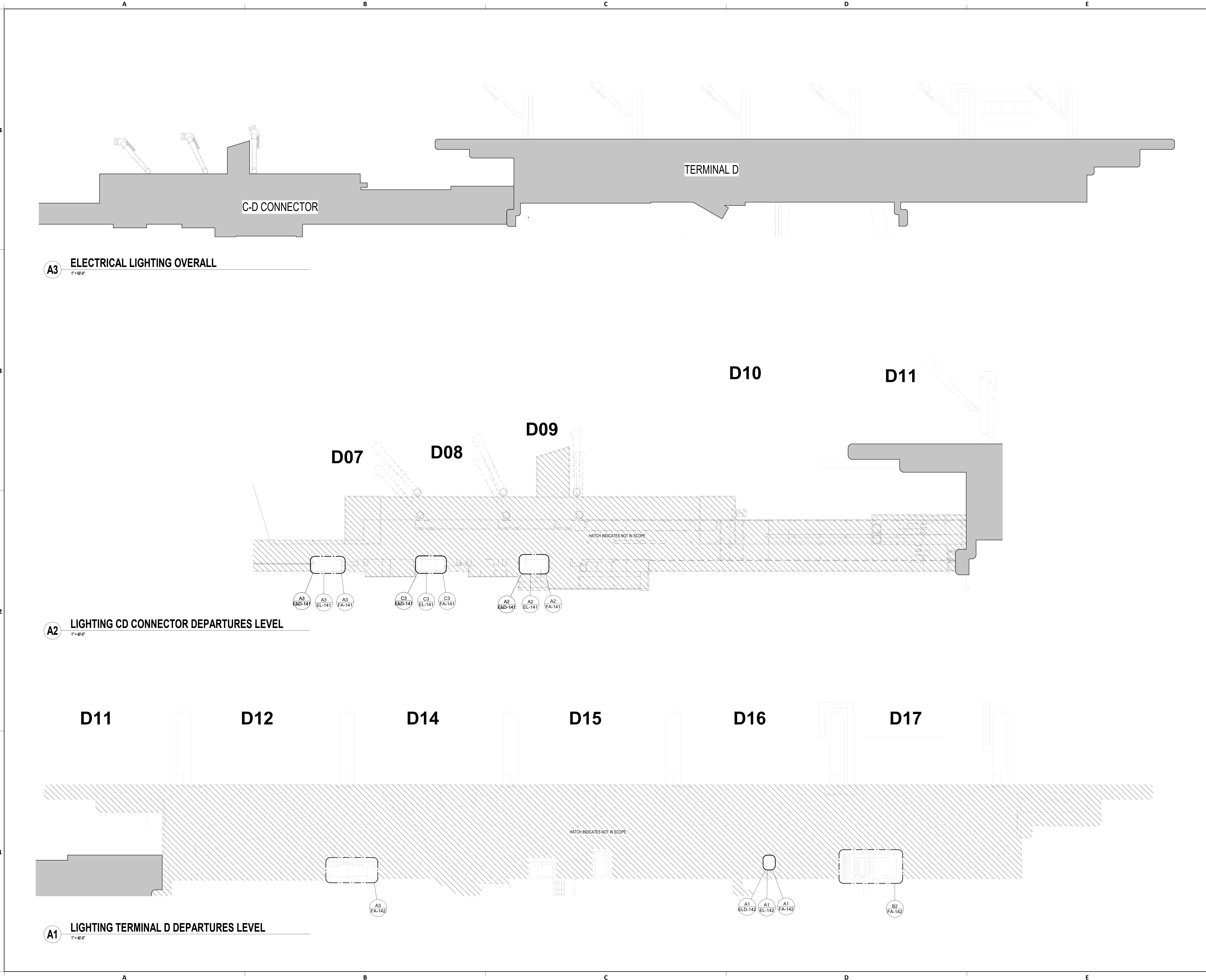
REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

SHEET NAME:
ELECTRICAL LIGHTING OVERALL PLAN &
TERMINAL LEVELS
SHEET No. EL-040 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

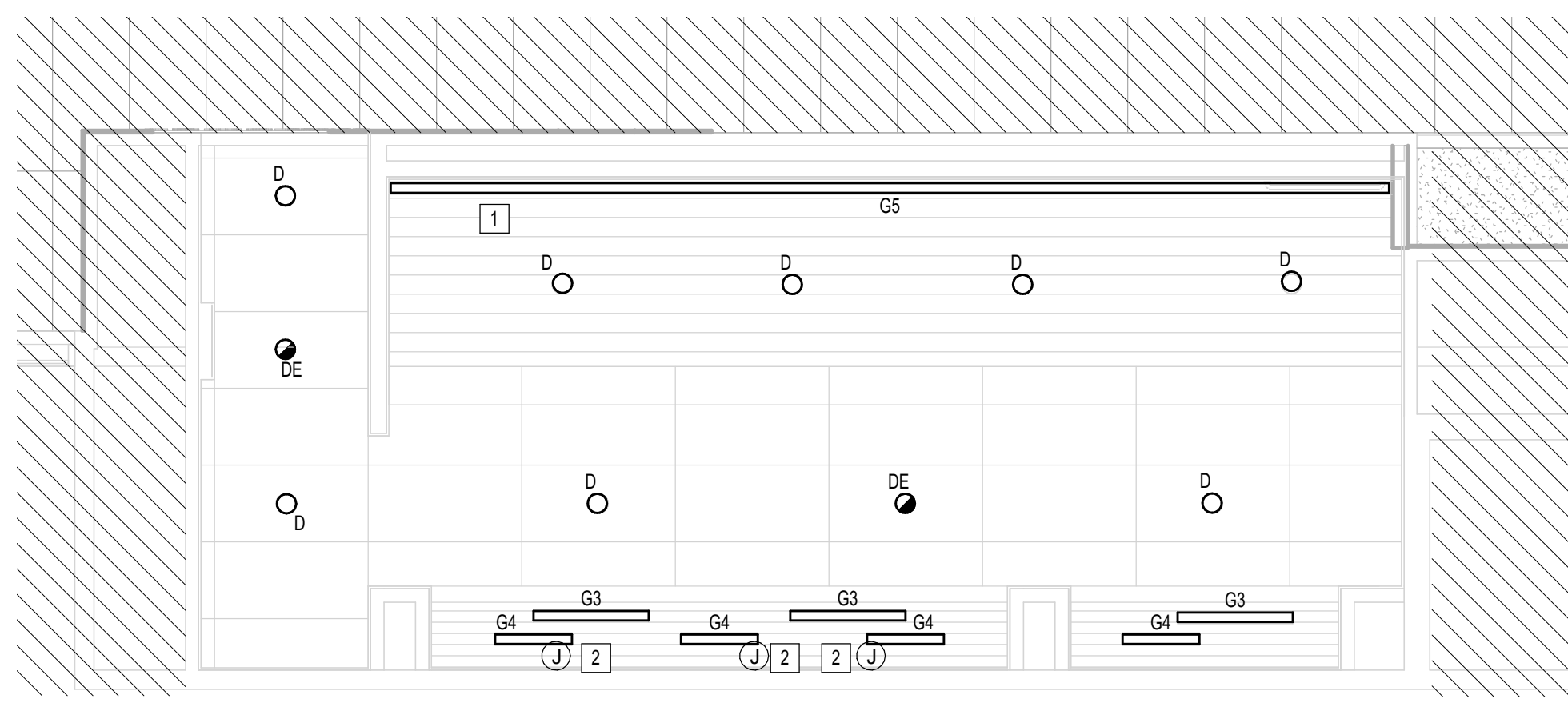


A3 ELECTRICAL LIGHTING OVERALL
1" = 8'-0"

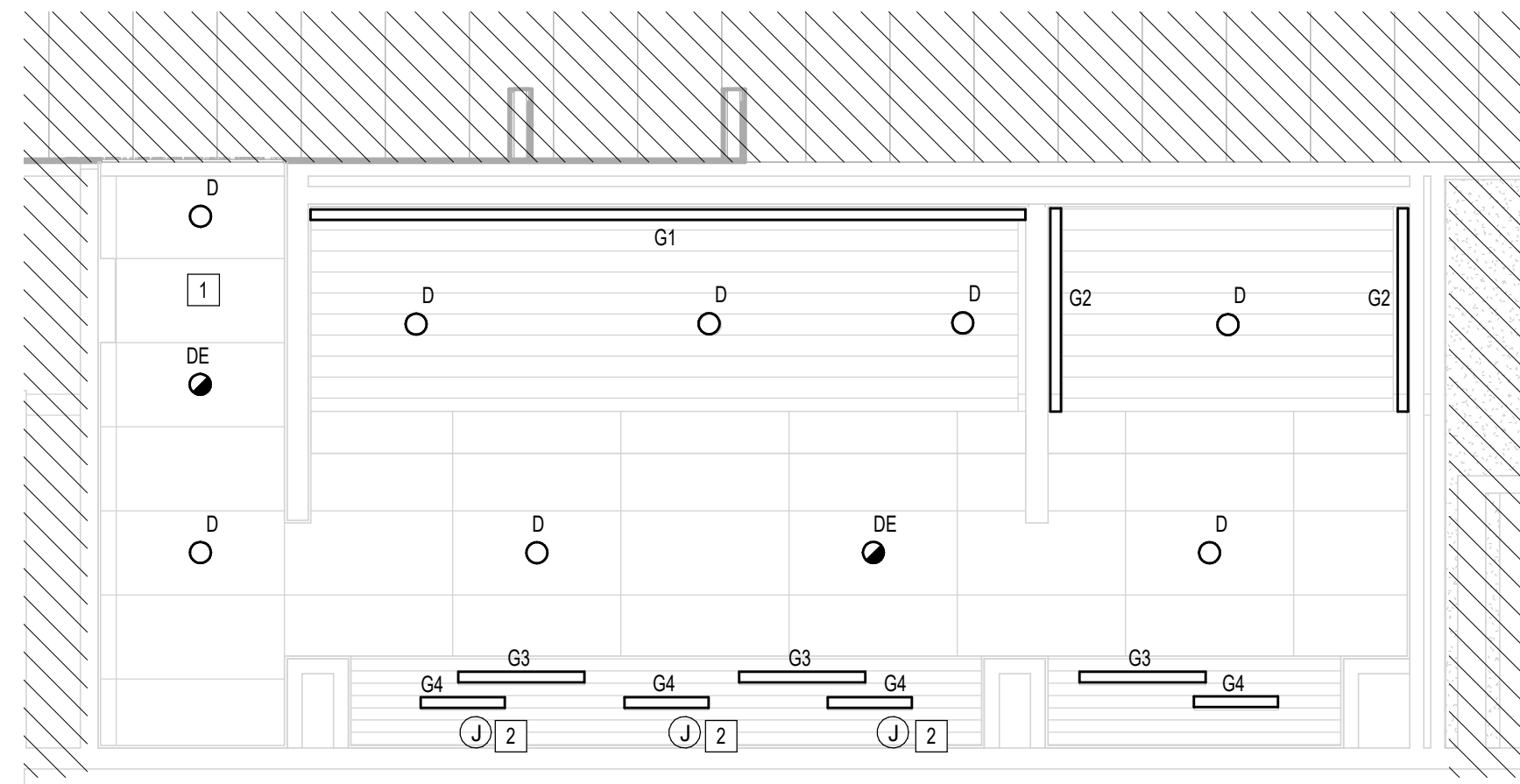
A2 LIGHTING CD CONNECTOR DEPARTURES LEVEL
1" = 8'-0"

A1 LIGHTING TERMINAL D DEPARTURES LEVEL
1" = 8'-0"

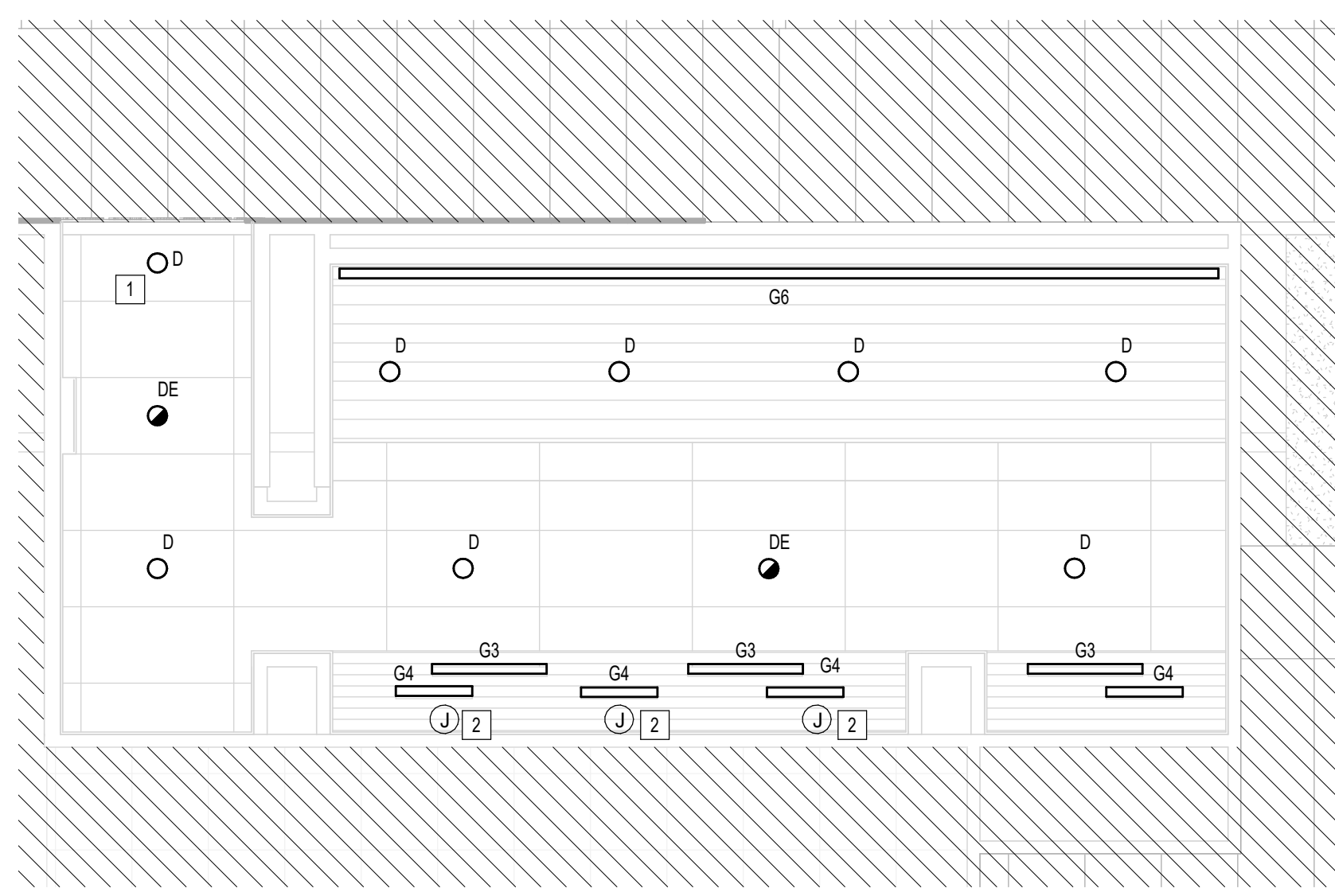
PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE:
 FILE PATH: BIM 360://1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:



A3 ELECTRICAL LIGHTING WOMEN'S RESTROOM GATE D07 AREA
1/4" = 1'-0"



C3 ELECTRICAL LIGHTING MEN'S RESTROOM GATE D07-D09 AREA
1/4" = 1'-0"



A2 ELECTRICAL LIGHTING WOMEN'S RESTROOM GATE D09 AREA
1/4" = 1'-0"

GENERAL LIGHTING RENOVATION NOTES:
 * LIGHTING CONTROLS TO REMAIN. CONNECT NEW LIGHTS TO EXISTING CONTROLS

PLAN KEY NOTES	
#	NOTE
1	CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES (TYPICAL). VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.
2	JUNCTION BOX FOR MIRROR LIGHT (27V, 34W). CONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS AREA. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.

HOUSTON AIRPORTS
 3701 North Terminal Road
 Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
 C.O.H. No. D.O.A. No.
 B.S.G. No. BSG-2022-139-IAH H.A.S. No.
 ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
 ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
 Consulting Mechanical/Electrical/Plumbing Engineers
 9820 Whitlorn Dr. Houston, Texas 77095 (713)222-7766
 Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
 structural engineers
 2603 Augusta, Suite 800 Houston, Texas 77057
 713.430.5800 713.430.5888 fax
 www.hendersonrogers.com

DESIGNER PROJECT No.:
 PROJECT STATUS: **IFB**

REVISIONS			
No.	DESCRIPTION	DATE	BY
1	x	xx	

DESIGN BY: JE
 DRAWN BY: JE
 CHECKED BY: JE
 ISSUE DATE: 03.15.24
 APPROVED BY: JE
 APPROVAL DATE: 03.15.24

DIRECTOR
 of
 HOUSTON AIRPORT SYSTEM

IFB
 ISSUED FOR BIDDING

Professional Seal:
 CURTIS JONES, JR.
 P.E. 58428
 JE#4780
 03/15/2024
 THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME:
 ELECTRICAL LIGHTING ENLARGED RR RCP
 PLANS - CD CONNECTOR

SHEET No. EL-141 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:
 PLOT DATE:
 DOA DWG FILE:
 OLD DOA No.:

A

B

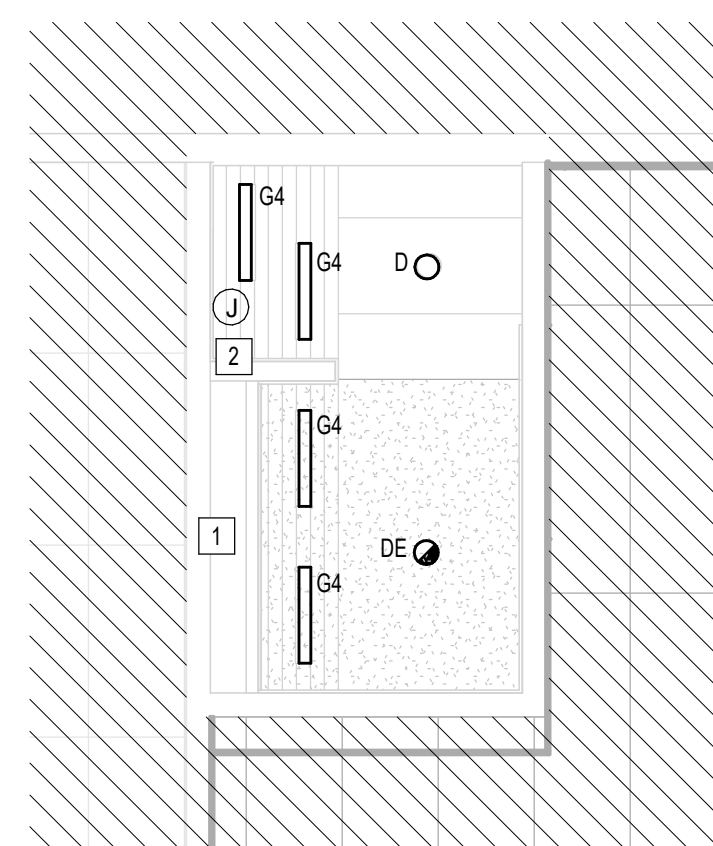
C

D

E

GENERAL LIGHTING RENOVATION NOTES:
 LIGHTING CONTROLS TO REMAIN. CONNECT NEW LIGHTS TO EXISTING CONTROLS

PLAN KEY NOTES	
#	NOTE
1	CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES (TYPICAL). VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.
2	JUNCTION BOX FOR MIRROR LIGHT (27W, 54V). CONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS AREA. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.



A1 ELECTRICAL LIGHTING NURSERY RR GATE D15 AREA
1/4" = 1'-0"

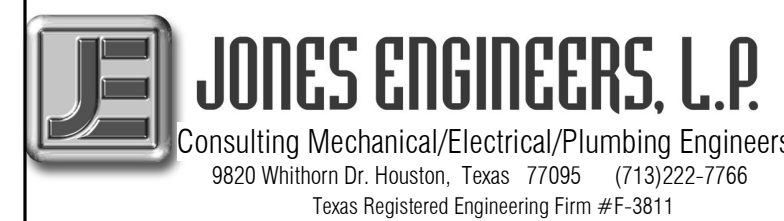


3701 North Terminal Road
 Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
 C.O.H. No. D.O.A. No.
 B.S.G. No. BSG-2022-139-IAH H.A.S. No.
 ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
 ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
 structural engineers
 2603 Augusta, Suite 800
 Houston, Texas 77057
 713.430.5800 713.430.5888 fax
 www.hendersonrogers.com

DESIGNER PROJECT No.:
 PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
 DRAWN BY: JE
 CHECKED BY: JE
 ISSUE DATE: 03.15.24
 APPROVED BY: JE
 APPROVAL DATE: 03.15.24

DIRECTOR
 of
 HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

JE#4780
 03/15/2024
 THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

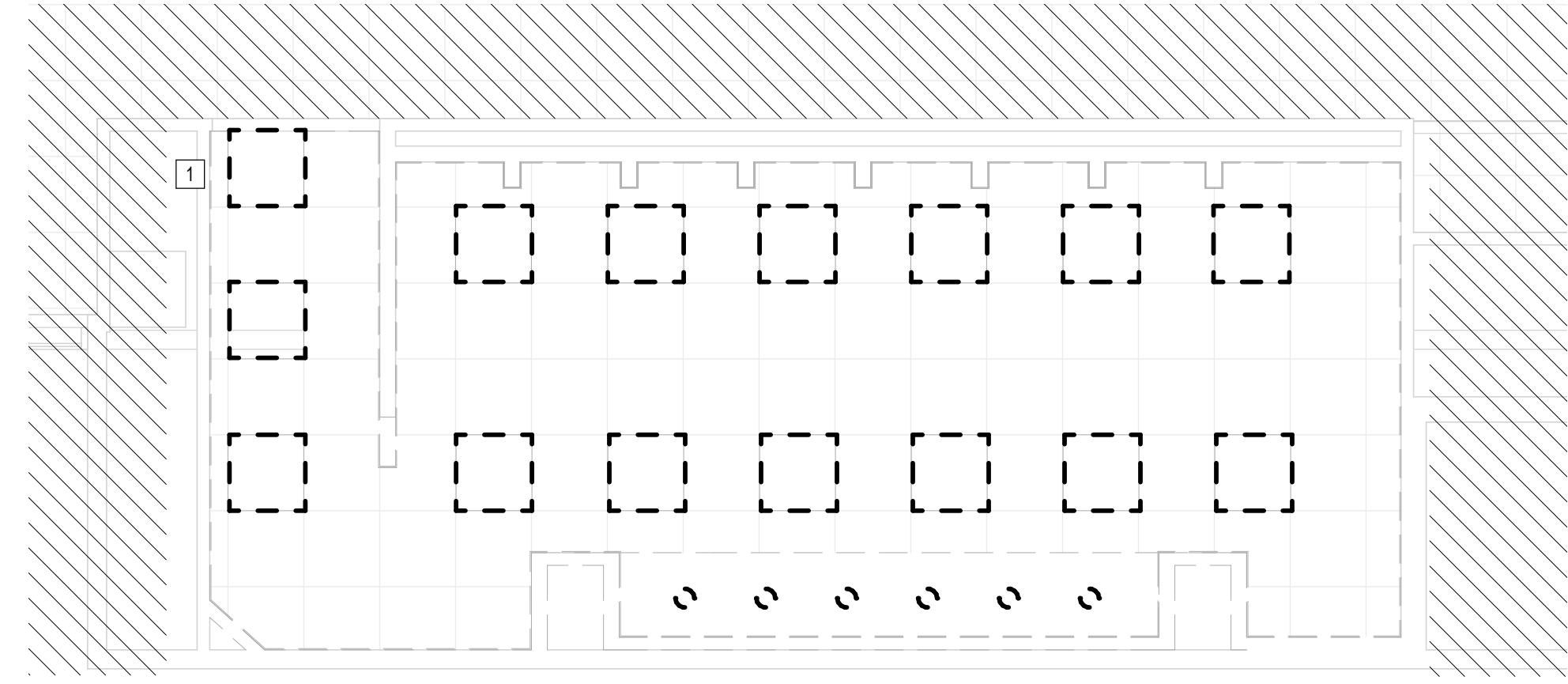
SHEET NAME:
 ELECTRICAL LIGHTING ENLARGED RR RCP PLANS - TERMINAL D
 SHEET No. EL-142 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

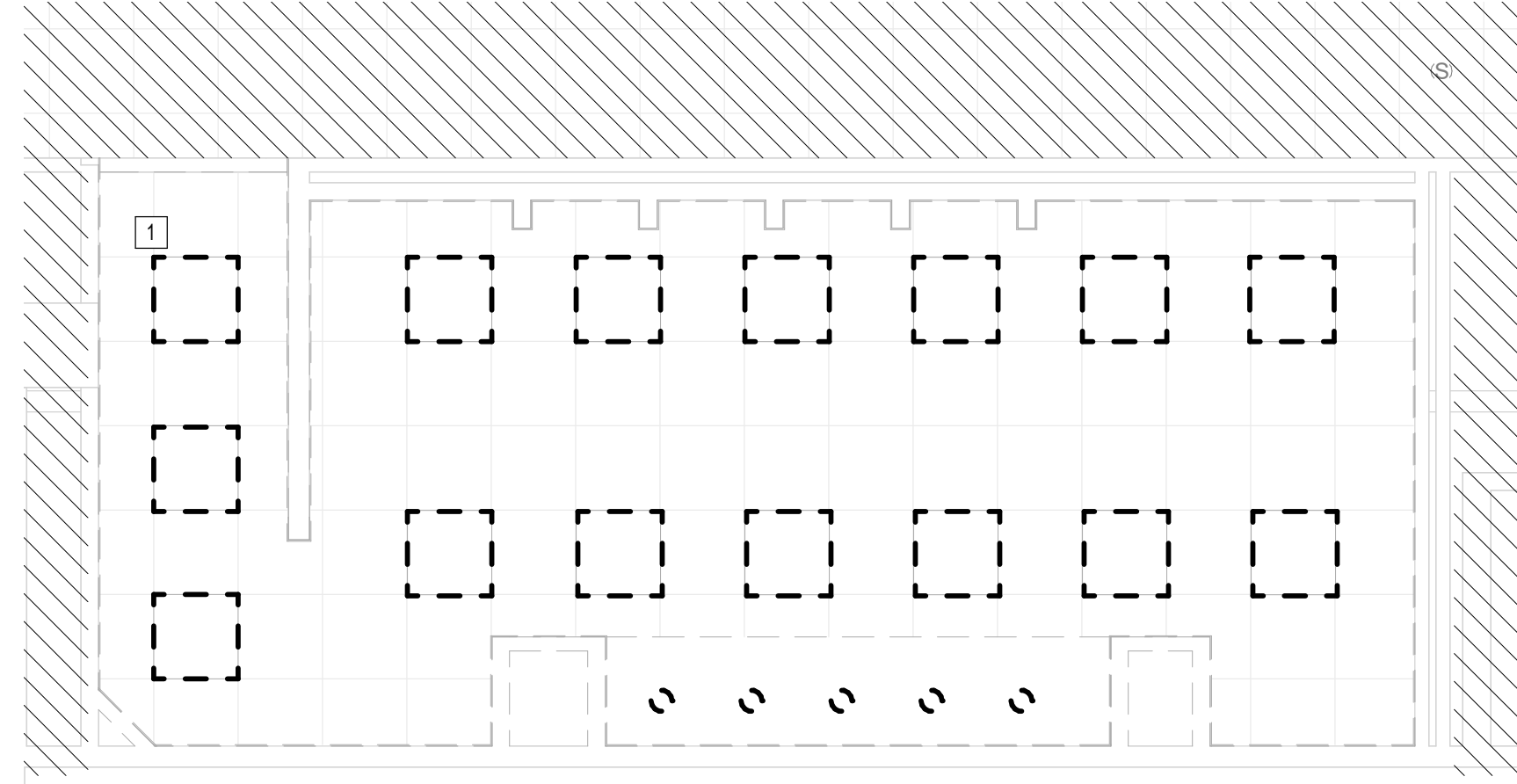
PLOT DATE:
 DOA DWG FILE:
 OLD DOA No. :
 PLOT DATE:
 FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:

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

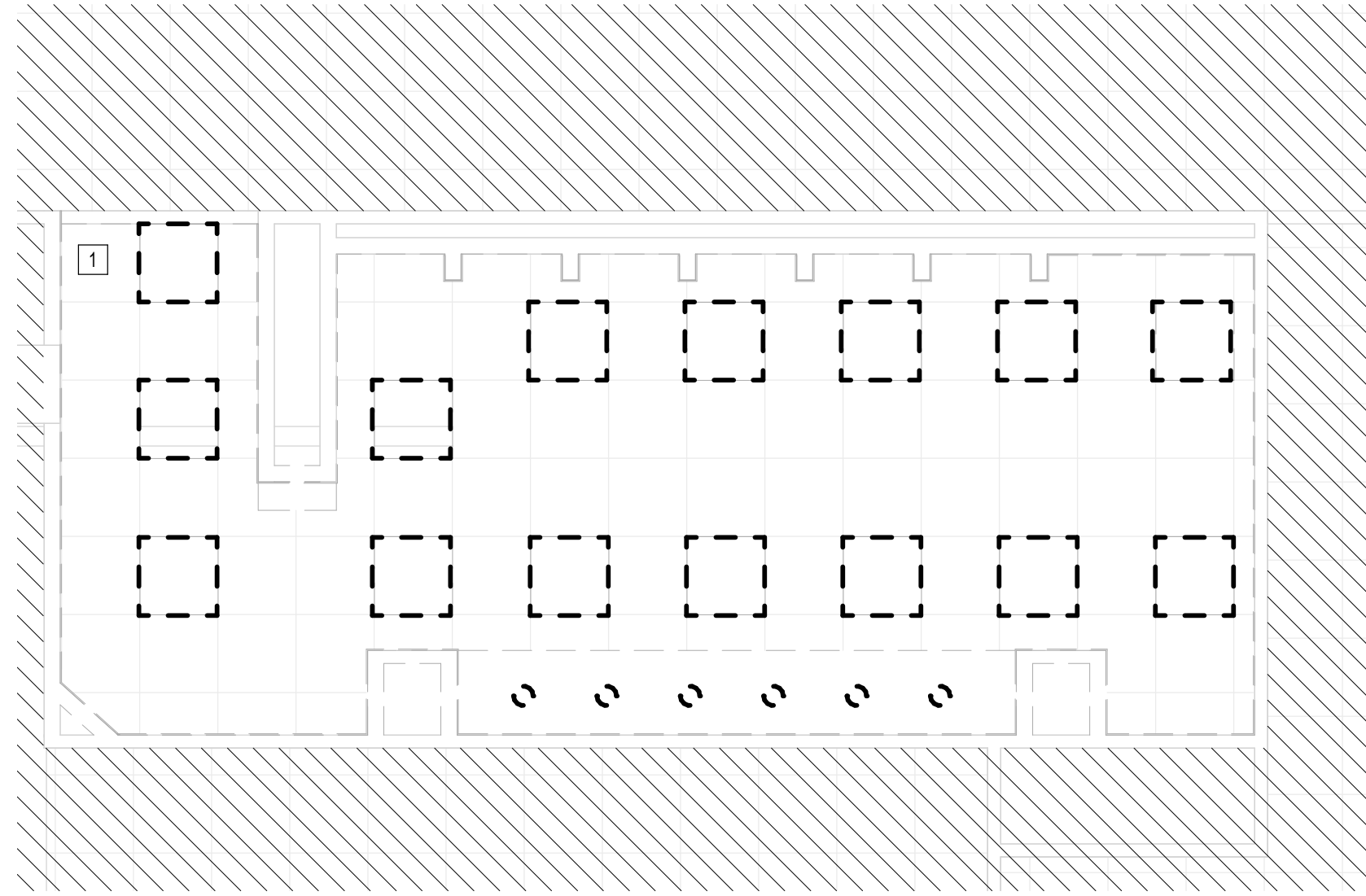
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
HAS FILE:



A3 ELECTRICAL LIGHTING WOMEN'S RESTROOM GATE D07 AREA - DEMO
1/8" = 1'-0"



C3 ELECTRICAL LIGHTING MEN'S RESTROOM GATE D07-D09 AREA - DEMO
1/8" = 1'-0"



A2 ELECTRICAL LIGHTING WOMEN'S RESTROOM GATE D09 AREA - DEMO
1/8" = 1'-0"

GENERAL LIGHTING DEMOLITION NOTES:

- LIGHTING CONTROLS TO REMAIN. CONNECT NEW LIGHTS TO EXISTING CONTROLS.
- ALL LIGHTING TO BE REMOVED. REMOVE LIGHT FIXTURES, CONDUIT AND WIRE BACK TO NEAREST JUNCTION BOX. EXISTING BRANCH CIRCUIT ARE TO REMAIN AND BE REUSED FOR NEW LIGHTING. REFER TO LIGHTING PLANS FOR NEW LAYOUT.

PLAN KEY NOTES	
#	NOTE
1	LIGHT FIXTURE (TYPICAL) REMOVE

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428

SHEET NAME:
ELECTRICAL LIGHTING ENLARGED DEMO RCP PLANS - CD CONNECTOR
SHEET No. ELD-141 SCALE: As indicated

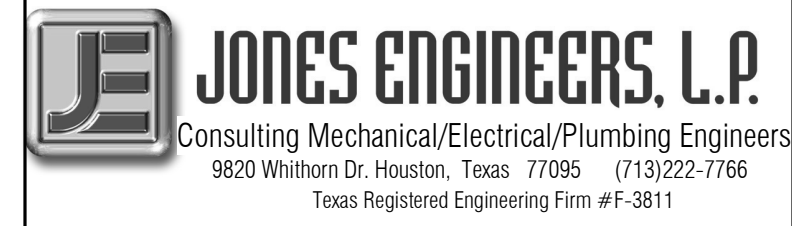


3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



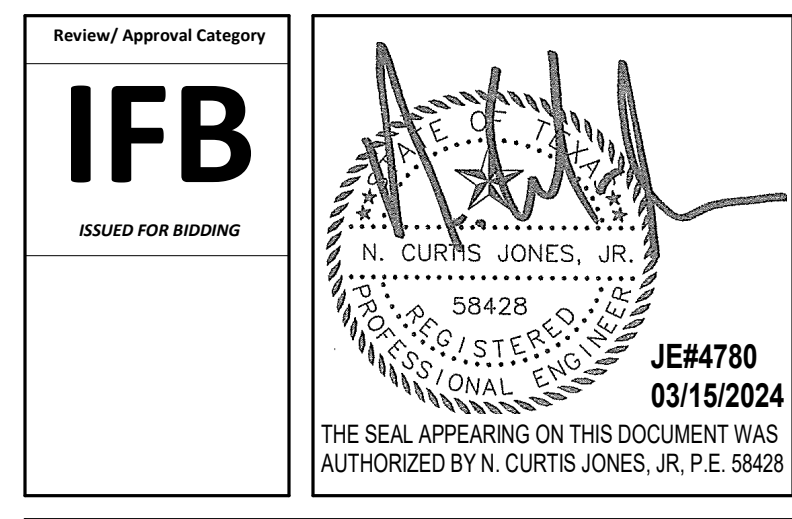
**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



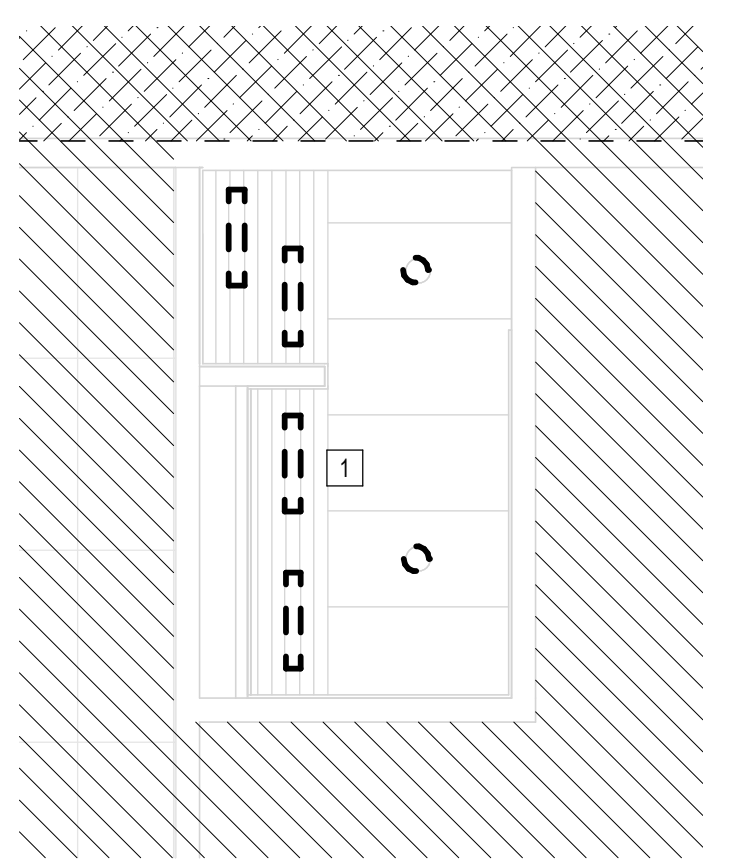
ISSUED FOR BIDDING

SHEET NAME:
ELECTRICAL LIGHTING ENLARGED DEMO RCP
PLANS - TERMINAL D
SHEET No. ELD-142 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

GENERAL LIGHTING RENOVATION NOTES:
LIGHTING CONTROLS TO REMAIN. CONNECT NEW LIGHTS TO EXISTING CONTROLS

PLAN KEY NOTES	
#	NOTE
1	REMOVE LIGHT FIXTURE (TYPICAL)



A1 ELECTRICAL LIGHTING NURSERY RR GATE D15 AREA - DEMO
1/8" = 1'-0"

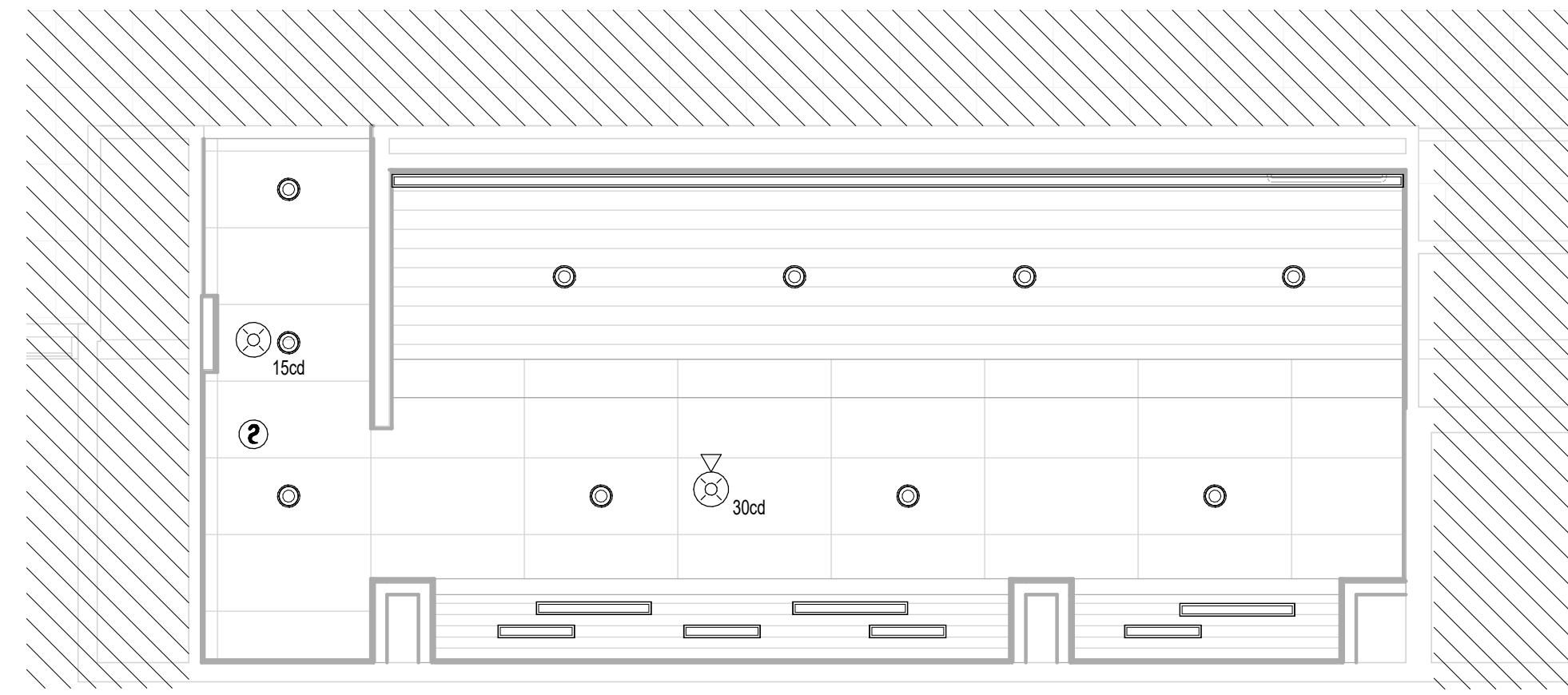
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
HAS FILE:

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

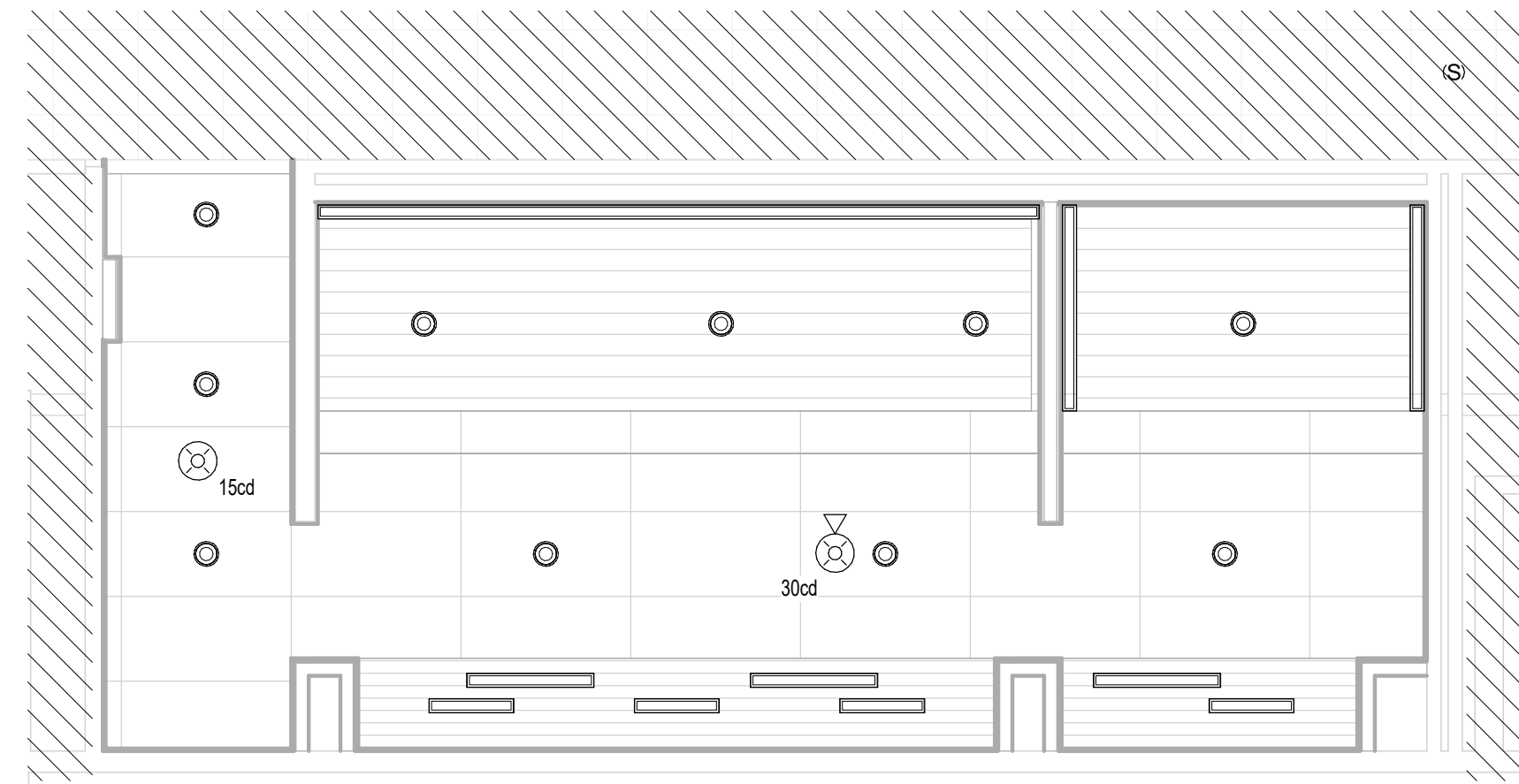
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

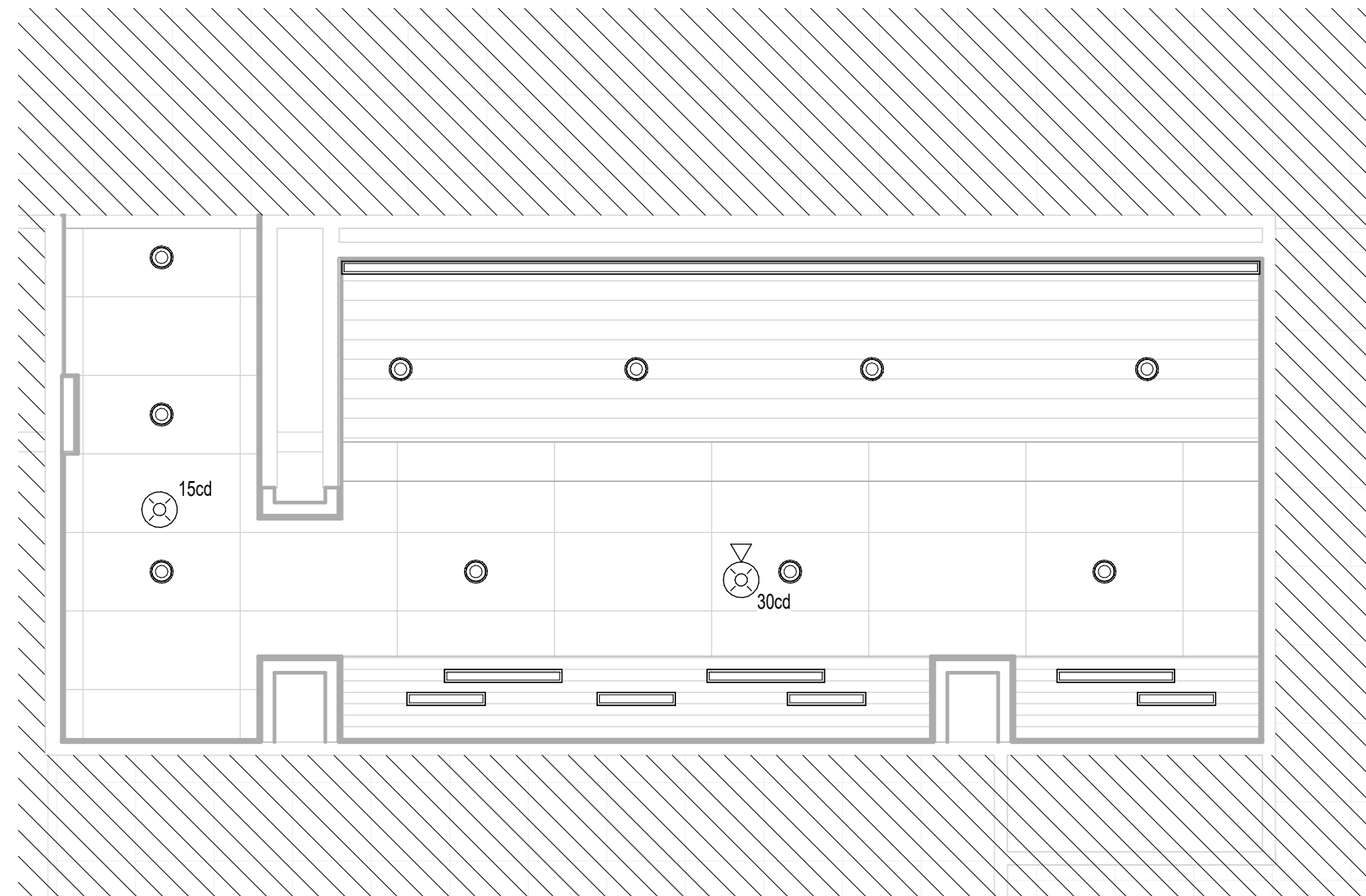
A B C D E



A3 FIRE ALARM WOMEN'S RESTROOM GATE D07 AREA
1/4" = 1'-0"



C3 FIRE ALARM MEN'S RESTROOM GATE D07-D09 AREA
1/4" = 1'-0"



A2 FIRE ALARM WOMEN'S RESTROOM GATE D09 AREA
1/4" = 1'-0"

A B C D E



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers

2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

<p>IFB ISSUED FOR BIDDING</p>	<p>JE#4780 03/15/2024 THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 56428</p>
-----------------------------------	--

SHEET NAME:
FIRE ALARM ENLARGED RCP PLANS - CD
CONNECTOR
SHEET No. FA-141 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

**DIRECTOR
of
HOUSTON AIRPORT SYSTEM**

IFB
ISSUED FOR BIDDING

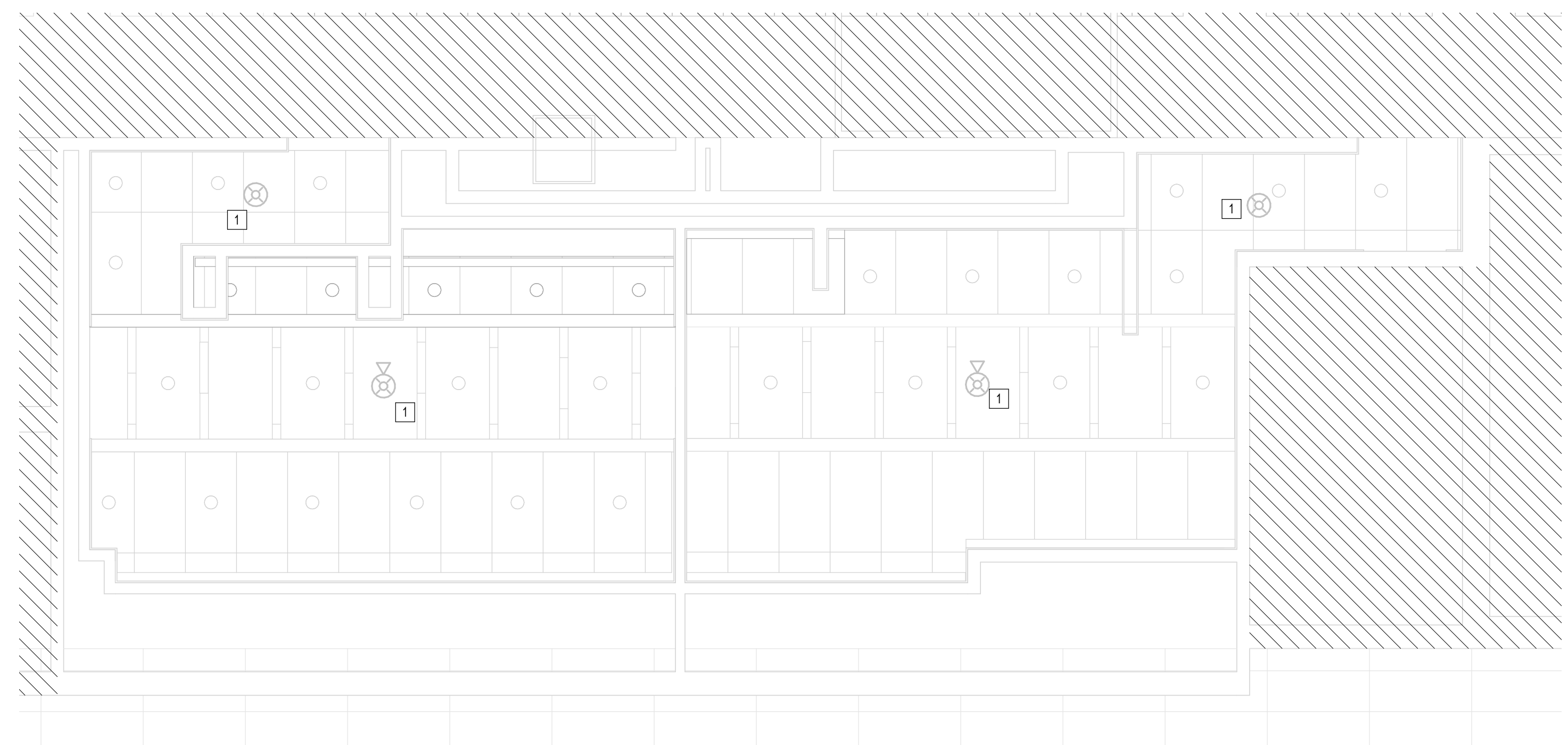
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY N. CURTIS JONES, JR., P.E. 58428

SHEET NAME:
**FIRE ALARM ENLARGED RR RCP PLANS-
TERMINAL D**

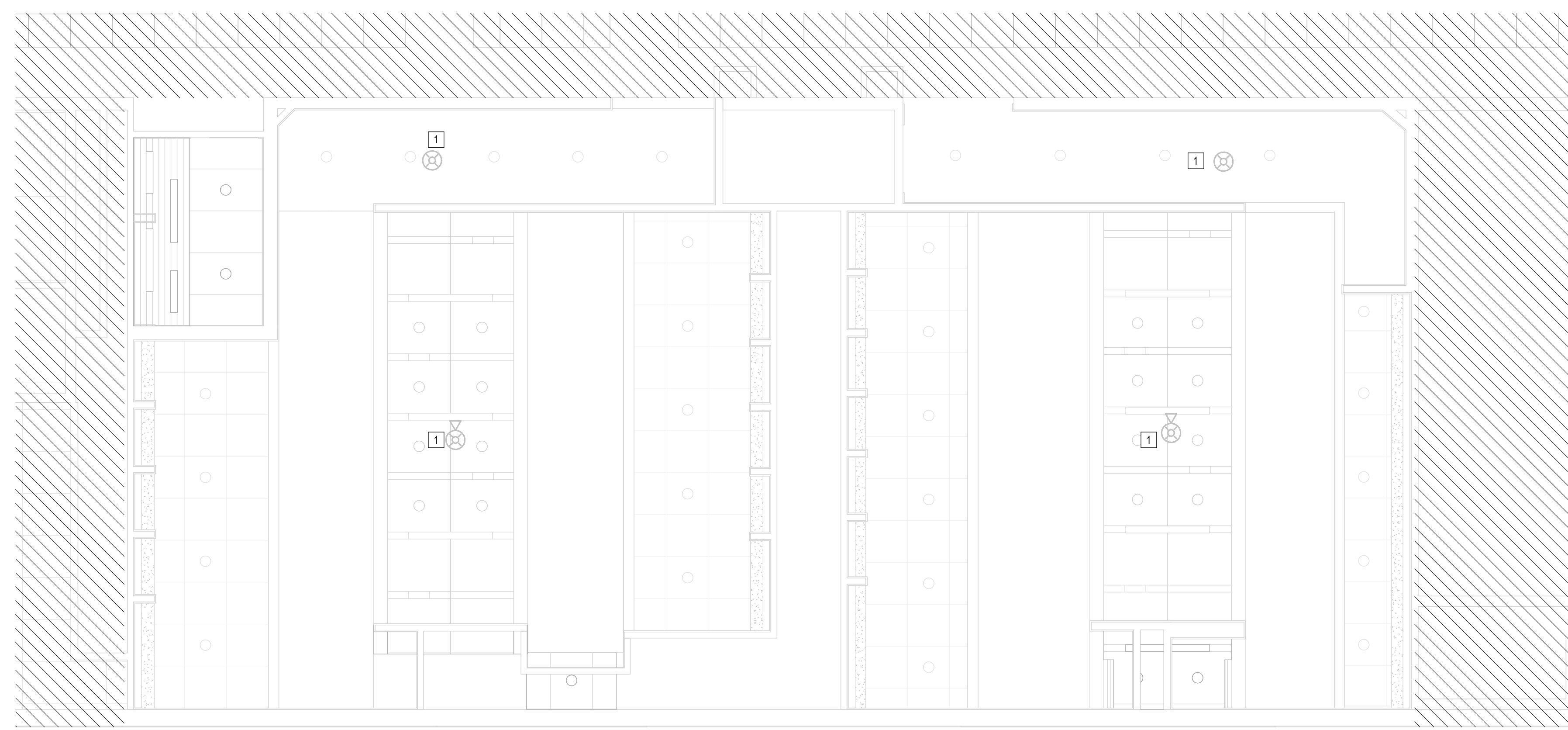
SHEET No. FA-142 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

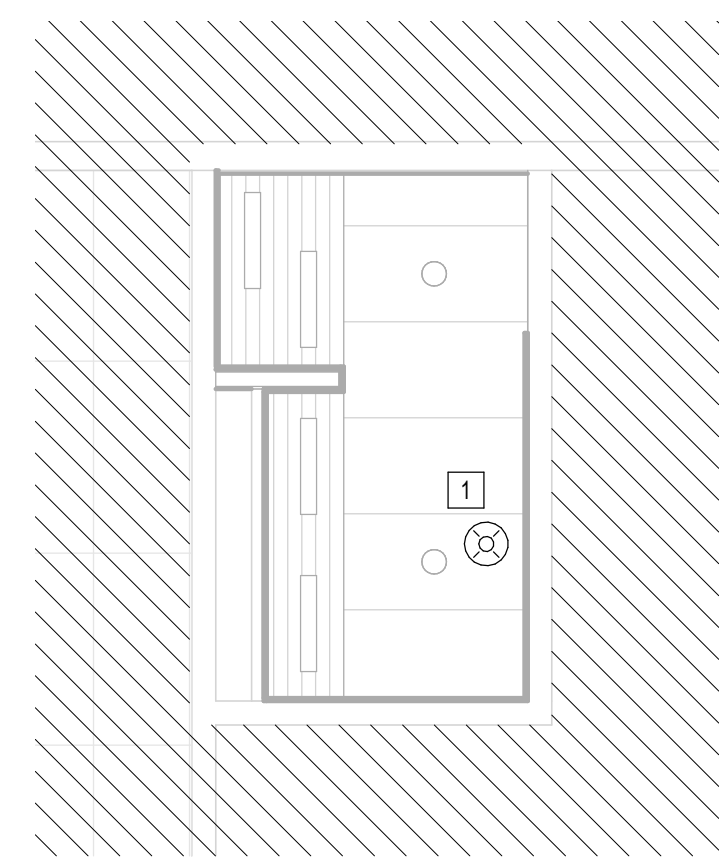
PLAN KEY NOTES	
#	NOTE
1	EXISTING FIRE ALARM DEVICE TO REMAIN



A3 FIRE ALARM MEN'S AND WOMEN'S RR GATE D12
1/4" = 1'-0"



B2 FIRE ALARM D16 AREA RESTROOMS
1/4" = 1'-0"



A1 FIRE ALARM NURSERY RR GATE D15 AREA
1/4" = 1'-0"

PLOT DATE: DOA DWG FILE: PLOT DATE: FILE PATH: BIM 360://1429.12 Terminal D Restrooms/4780_MEP20.rvt
 HAS FILE:

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

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

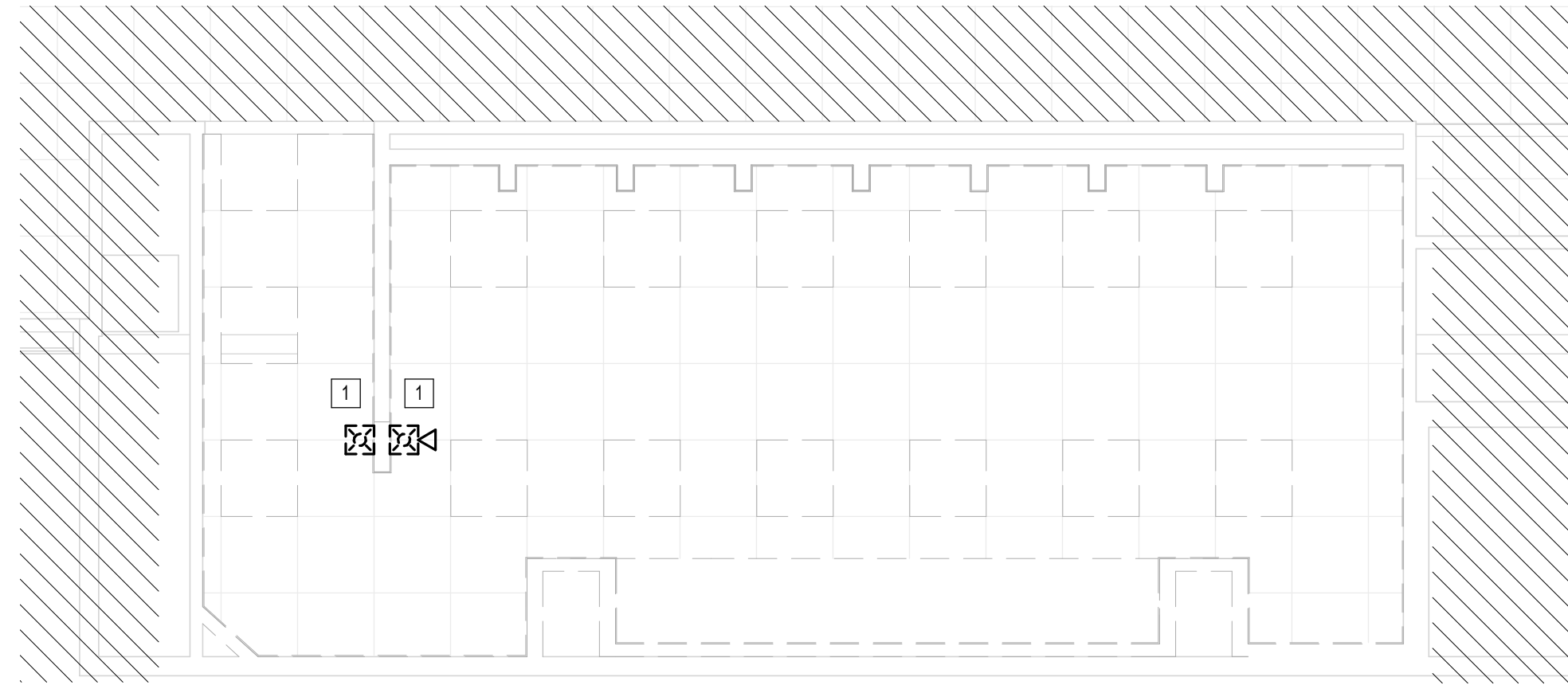
A

B

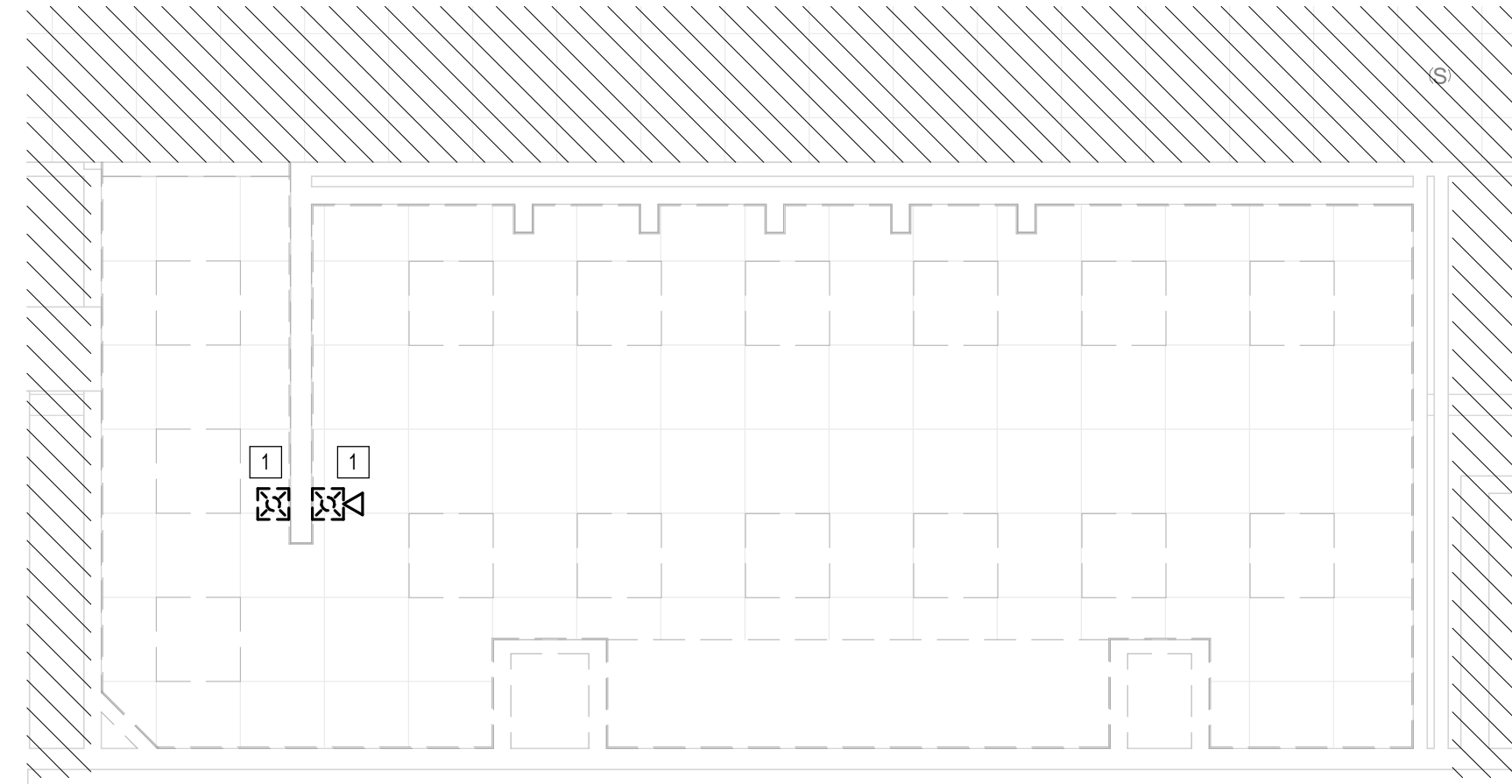
C

D

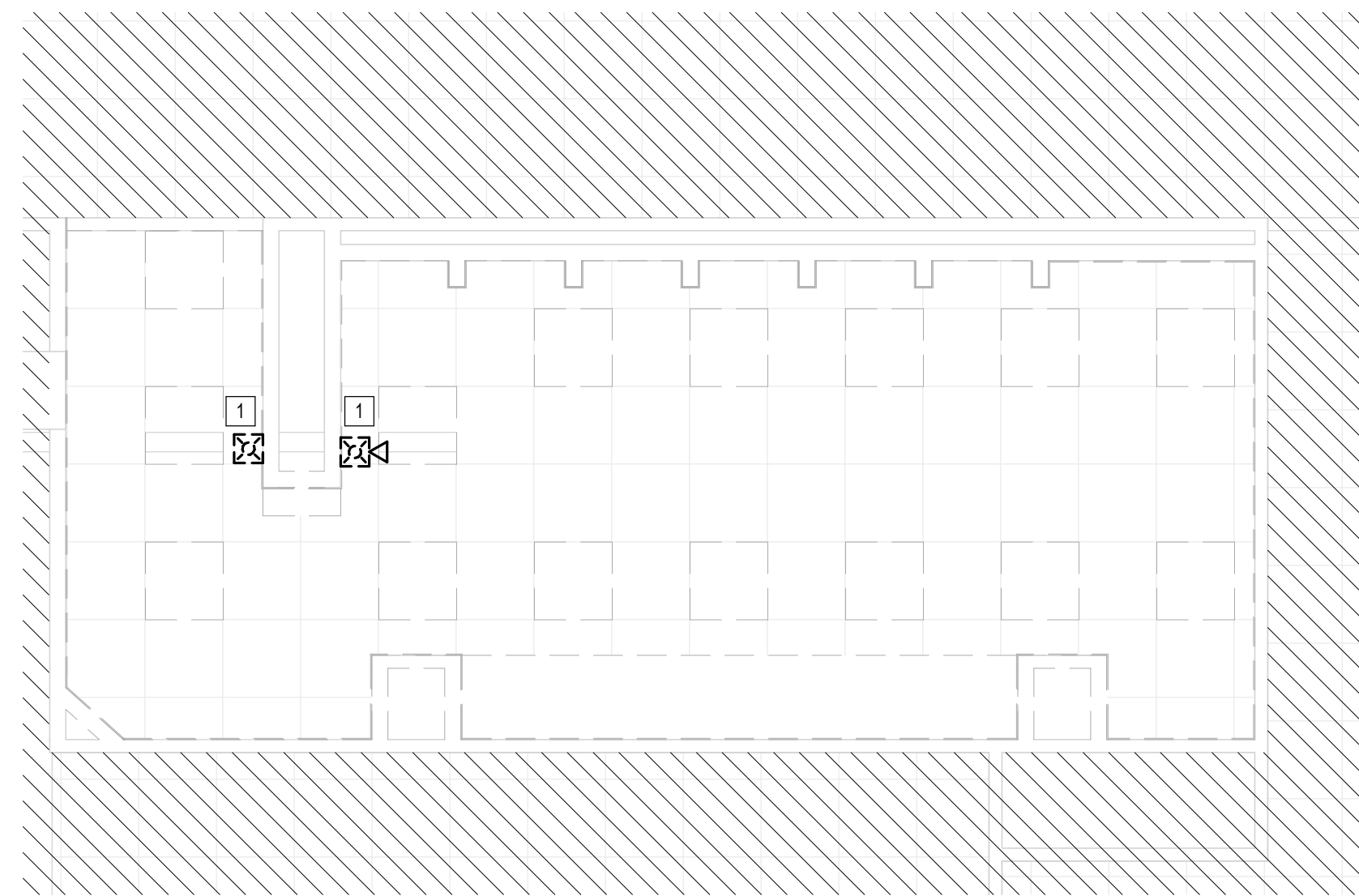
E



A3 FIRE ALARM WOMEN'S RESTROOM GATE D07 AREA - DEMO
1/4" = 1'-0"



C3 FIRE ALARM MEN'S RESTROOM GATE D07-D09 AREA - DEMO
1/4" = 1'-0"



A2 FIRE ALARM WOMEN'S RESTROOM GATE D09 AREA - DEMO
1/4" = 1'-0"

PLAN KEY NOTES	
#	NOTE
1	REMOVE FIRE ALARM DEVICE



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers

2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

<p>IFB ISSUED FOR BIDDING</p>	
-----------------------------------	--

SHEET NAME:
FIRE ALARM ENLARGED DEMO PLANS - CD
CONNECTOR
SHEET No. FAD-141 SCALE: 1/4" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1

ABBREVIATIONS

Table of abbreviations organized into columns A, F (Cont), P (Cont), G, QTY, R, H, S, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes terms like AIR (COMPRESSED), ABOVE, AIR CONDITIONING, etc.

PIPING TYPES

Table of piping types with symbols and descriptions: SANITARY DRAIN BELOW FLOOR, SANITARY DRAIN ABOVE FLOOR (NOTED), SANITARY VENT, STORM DRAIN, OVERFLOW DRAIN, COLD WATER, HOT WATER, etc.

PIPING SYMBOLS

Table of piping symbols with symbols and descriptions: ELBOW UP, ELBOW DOWN, VALVE IN DROP, VALVE IN RISE, DIRECTION OF FLOW, etc.

MISCELLANEOUS

Table of miscellaneous symbols with symbols and descriptions: FLOOR DRAIN, FLOOR SINK, ROOF DRAIN OR OVERFLOW DRAIN, HOSE BIBB, WALL HYDRANT, etc.

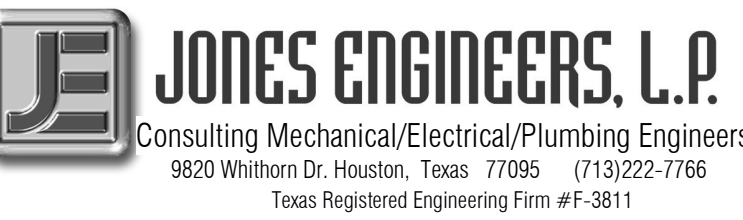


3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM
RENOVATIONS

Table with project identification numbers: C.I.P. No., C.O.H. No., B.S.G. No., TRP T.I.P. No., A.I.P. No., D.O.A. No., H.A.S. No., ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



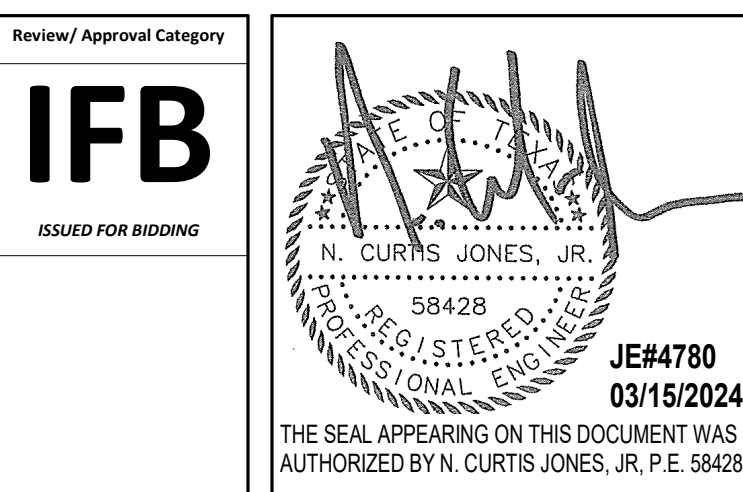
HENDERSON ROGERS structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

Table with columns: No., DESCRIPTION, DATE, BY. Includes revision entries for design, drawing, issue, and approval dates.

DIRECTOR of HOUSTON AIRPORT SYSTEM



SHEET NAME: PLUMBING SYMBOLS AND ABBREVIATIONS

SHEET No. P-001 SCALE: 12" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/4780_MEP20.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:



3701 North Terminal Road
Houston, Texas 77032
**TERMINAL D - RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitlark Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

**HENDERSON
ROGERS**
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

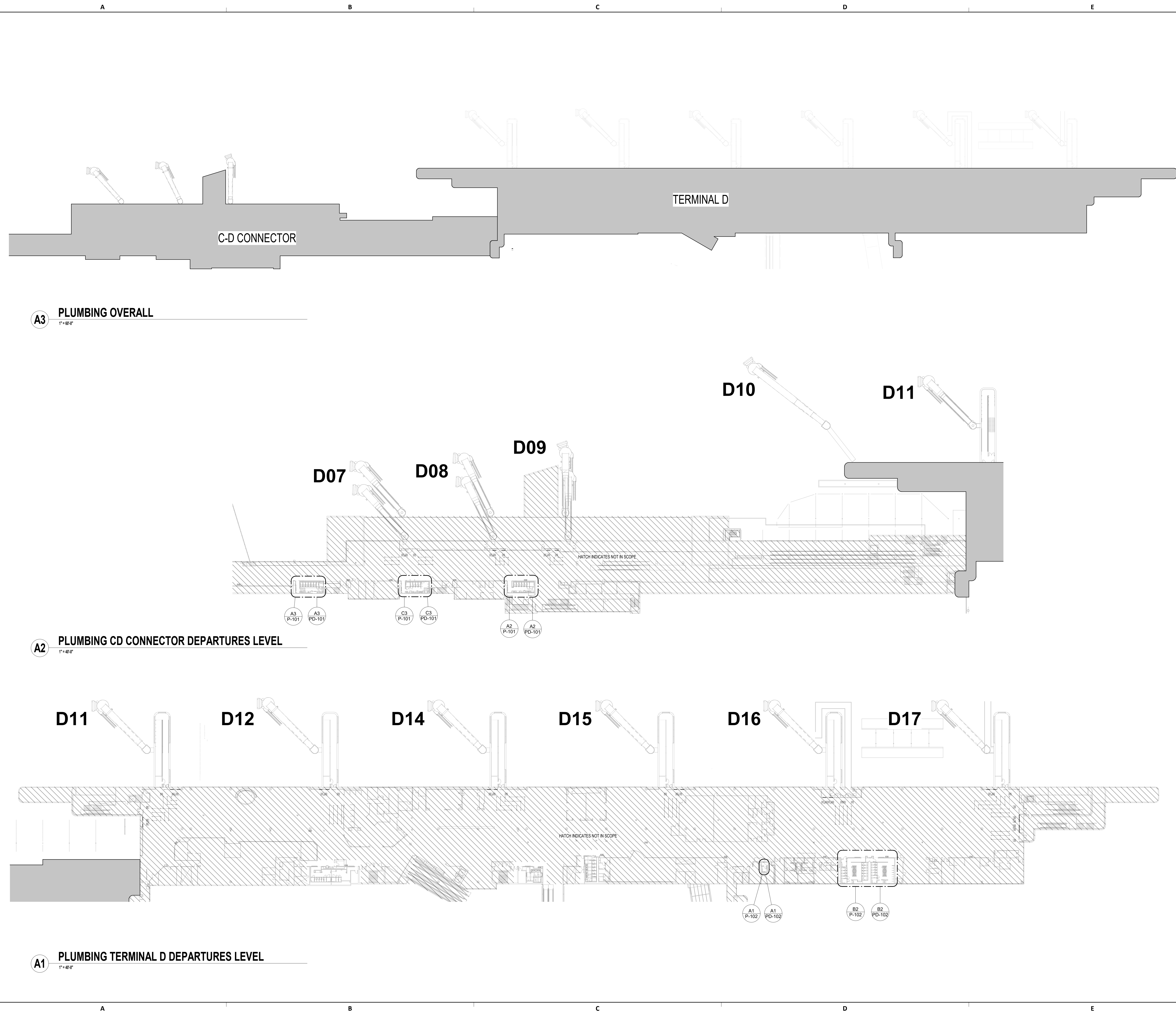
DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

Review/Approval Category
IFB
ISSUED FOR BIDDING

JE#4780
03/15/2024

SHEET NAME:
PLUMBING OVERALL PLAN & TERMINAL
LEVELS
SHEET No. P-040 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1



A3 PLUMBING OVERALL
1"=48"

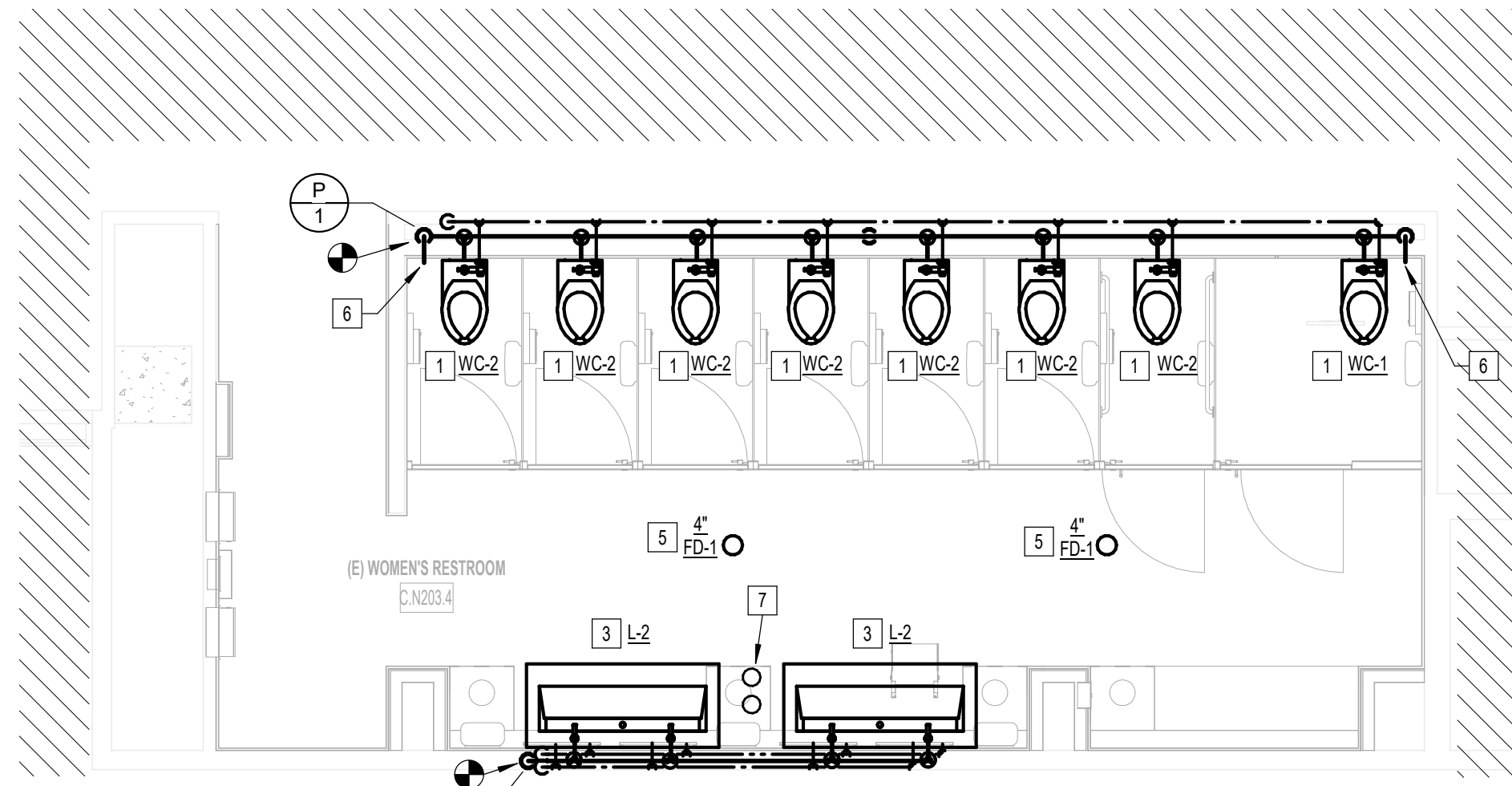
A2 PLUMBING CD CONNECTOR DEPARTURES LEVEL
1"=48"

A1 PLUMBING TERMINAL D DEPARTURES LEVEL
1"=48"

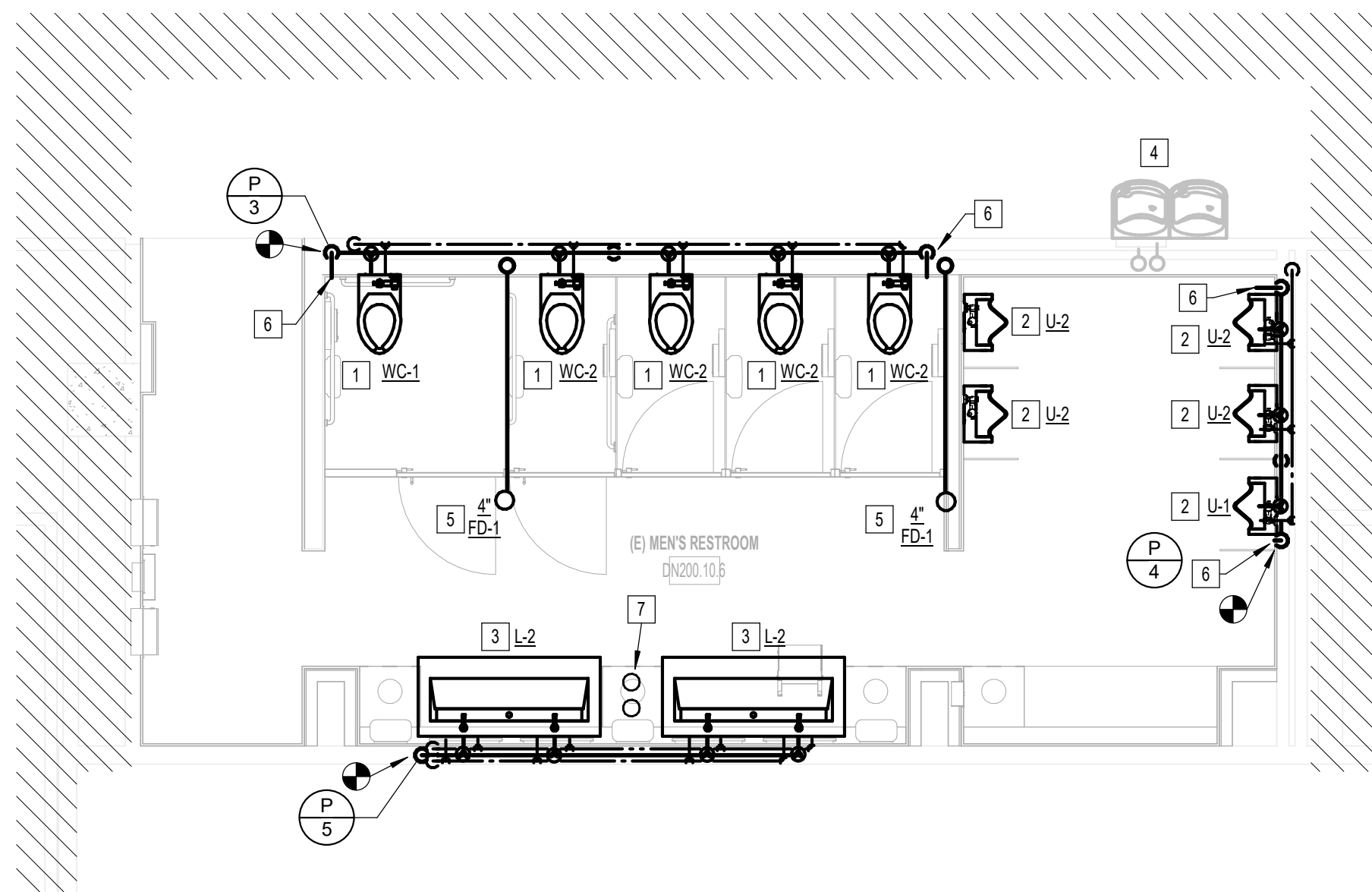
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

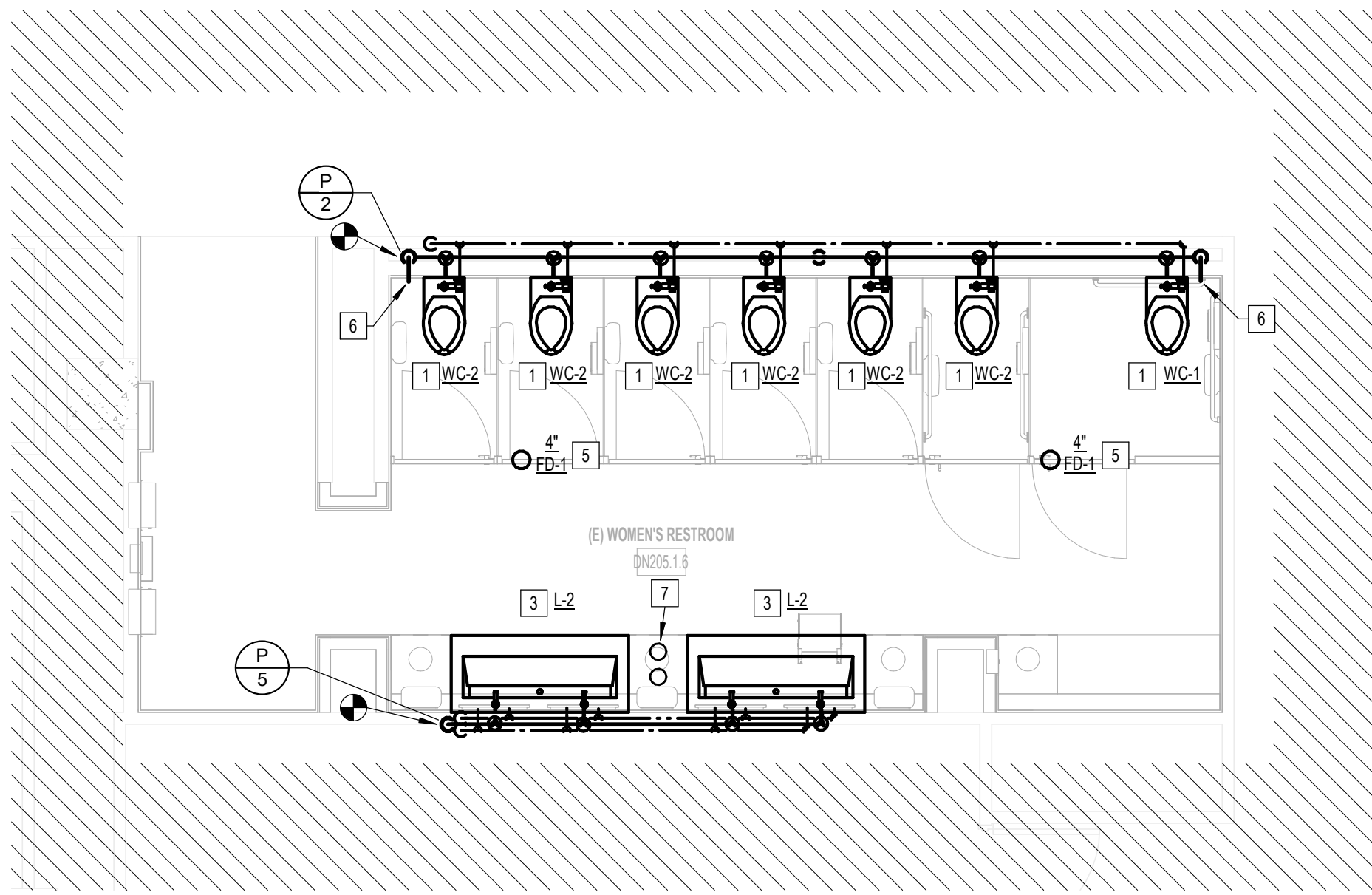
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:



A3 PLUMBING WOMEN'S RESTROOM GATE D07 AREA
1/4" = 1'-0"



C3 PLUMBING MEN'S RESTROOM GATE D07-D09 AREA
1/4" = 1'-0"



A2 PLUMBING WOMEN'S RESTROOM GATE D09 AREA
1/4" = 1'-0"

GENERAL NOTE:
BUILDING TO BE 100%
SPRINKLERED, PER NFPA 13.

**CD CONNECTOR
PLUMBING GENERAL NOTES:**

1. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IBC SECTION C0415.1.
2. RESTROOMS IN CD CONNECTOR ARE FULL RENOVATION. ALL PLUMBING FIXTURES SHALL BE REPLACED WITH NEW.
3. CONTRACTOR SHALL PROVIDE SEWER SCOPE INSPECTION.

CD CONNECTOR PLAN KEYED NOTES

- | # | NOTE |
|---|---|
| 1 | PROVIDE NEW WATER CLOSET, CARRIER, FLUSH VALVE, TRIM, ETC. ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED. |
| 2 | PROVIDE NEW URINAL, CARRIER, FLUSH VALVE, TRIM, ETC. ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED. |
| 3 | PROVIDE NEW LAVATORY CARRIER, TRIM, ETC. ACCORDING TO SCHEDULE. ROUTE ALL NEW 2" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED. PROVIDE NEW DOMESTIC HOT WATER RETURN LINE WITH RECIRCULATING PUMP. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IBC SECTION C0415.1. |
| 4 | DRINKING FOUNTAIN EXISTING TO REMAIN. |
| 5 | PROVIDE NEW FLOOR DRAIN ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED. |
| 6 | PROVIDE NEW CLEAN OUT IN EASILY ACCESSIBLE LOCATION. |
| 7 | PROVIDE 3 GALLON SOAP DISPENSER RESERVOIRS AT THIS LOCATION. REFER TO DIAGRAM ON P301. |

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 58428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME: PLUMBING ENLARGED RR PLANS - CD CONNECTOR
SHEET No. P-101 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

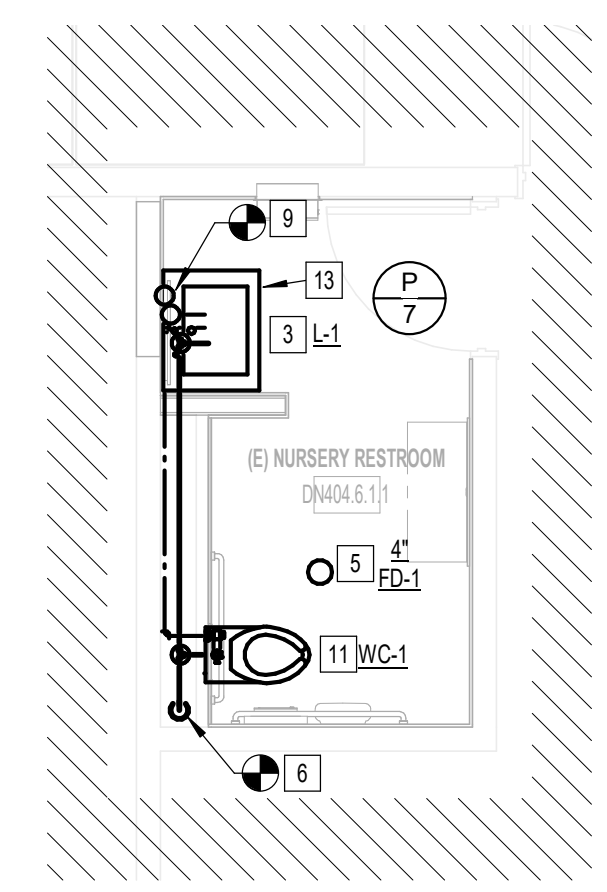
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
PLOT DATE: 03/15/2024
DOA DWG FILE: P-101.dwg
OLD DOA No.:
HAS FILE:

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

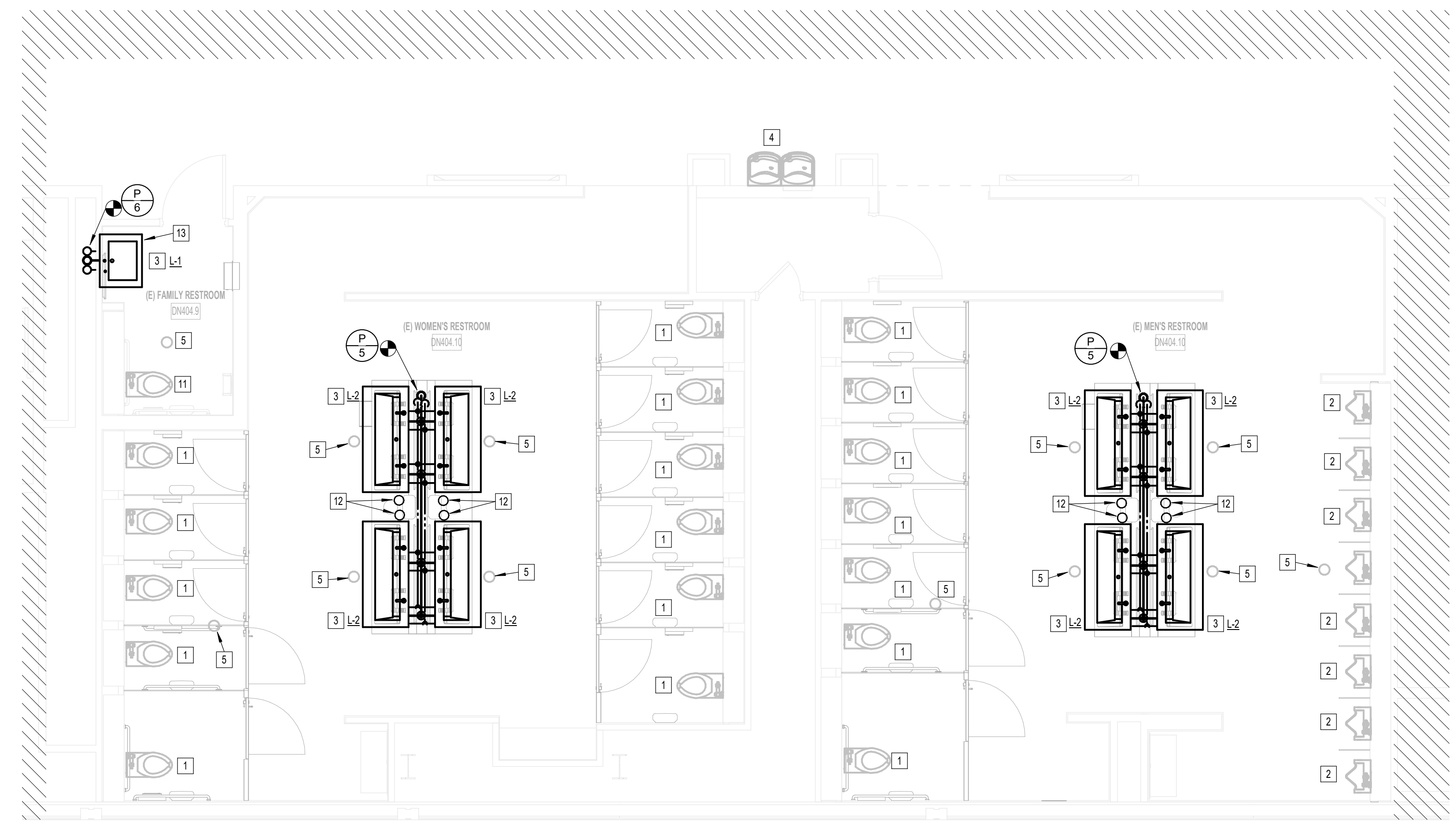
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

A1 PLUMBING NURSERY RR GATE D15 AREA
1/4" = 1'-0"



B2 PLUMBING MEN & WOMEN'S RESTROOM GATE D16
1/4" = 1'-0"



GENERAL NOTE:
BUILDING TO BE 100%
SPRINKLERED, PER NFPA 13.

**TERMINAL D
PLUMBING GENERAL NOTES:**

1. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IECC, SECTION C404.5.1.
2. WATER CLOSETS, URINALS, AND FLUSH VALVES IN TERMINAL D SHALL BE REMOVED, STORED, AND RE-INSTALLED, EXCEPT FOR THE FAMILY RESTROOMS.
3. FAMILY RESTROOMS IN TERMINAL D ARE FULL RENOVATION. ALL PLUMBING FIXTURES SHALL BE REPLACED WITHIN THE FAMILY RESTROOMS.
4. CONTRACTOR SHALL PROVIDE SEWER SCOPE INSPECTION.

TERMINAL D PLAN KEYED NOTES

#	NOTE
1	RE-INSTALL EXISTING WATER CLOSET AND FLUSH VALVE. PROVIDE NEW CARRIER, TRIM, ETC. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
2	RE-INSTALL EXISTING URINAL AND FLUSH VALVE. PROVIDE NEW CARRIER, TRIM, ETC. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
3	PROVIDE NEW LAVATORY, CARRIER, TRIM, ETC. ACCORDING TO SCHEDULE. ROUTE ALL NEW 2" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED. PROVIDE NEW DOMESTIC HOT WATER RETURN LINE WITH RECIRCULATING PUMP. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IECC, SECTION C404.5.1.
4	EXISTING DRINKING FOUNTAIN TO REMAIN.
5	EXISTING FLOOR DRAIN TO REMAIN.
6	CONNECT NEW 4" SAN WASTE AND VENT TO EXISTING SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
7	CONNECT NEW 1" DOW AND 1" DHW TO EXISTING DCW AND DHW RISERS. PROVIDE NEW DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
8	CONNECT NEW 3" SAN WASTE AND VENT TO EXISTING SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
9	CONNECT NEW 1" DOW AND 3/4" DHW TO EXISTING DCW AND DHW RISERS. PROVIDE NEW DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
10	CONNECT NEW 3/4" DOW, 3/4" DHW, 2" VENT, AND 2" SAN WASTE TO EXISTING DCW, DHW, SAN WASTE & VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER AND DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
11	PROVIDE NEW WATER CLOSET, CARRIER, FLUSH VALVE, TRIM, ETC. ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORESAW CUT FLOOR AS REQUIRED.
12	PROVIDE 3 GALLON SOAP DISPENSER RESERVOIRS AT THIS LOCATION. REFER TO DIAGRAM ON P301.
13	PROVIDE 1.6 GALLON SOAP DISPENSER RESERVOIR UNDER LAVATORY.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Wilshire Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 58428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME:
PLUMBING ENLARGED RR PLANS - TERMINAL D

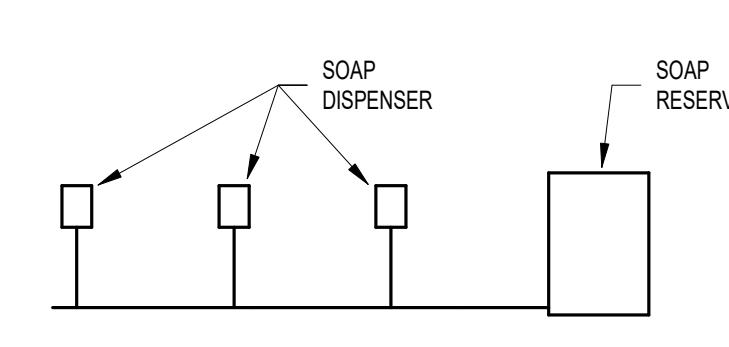
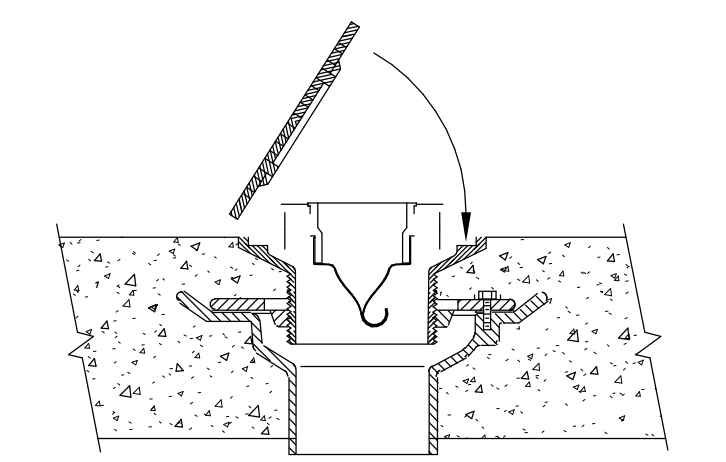
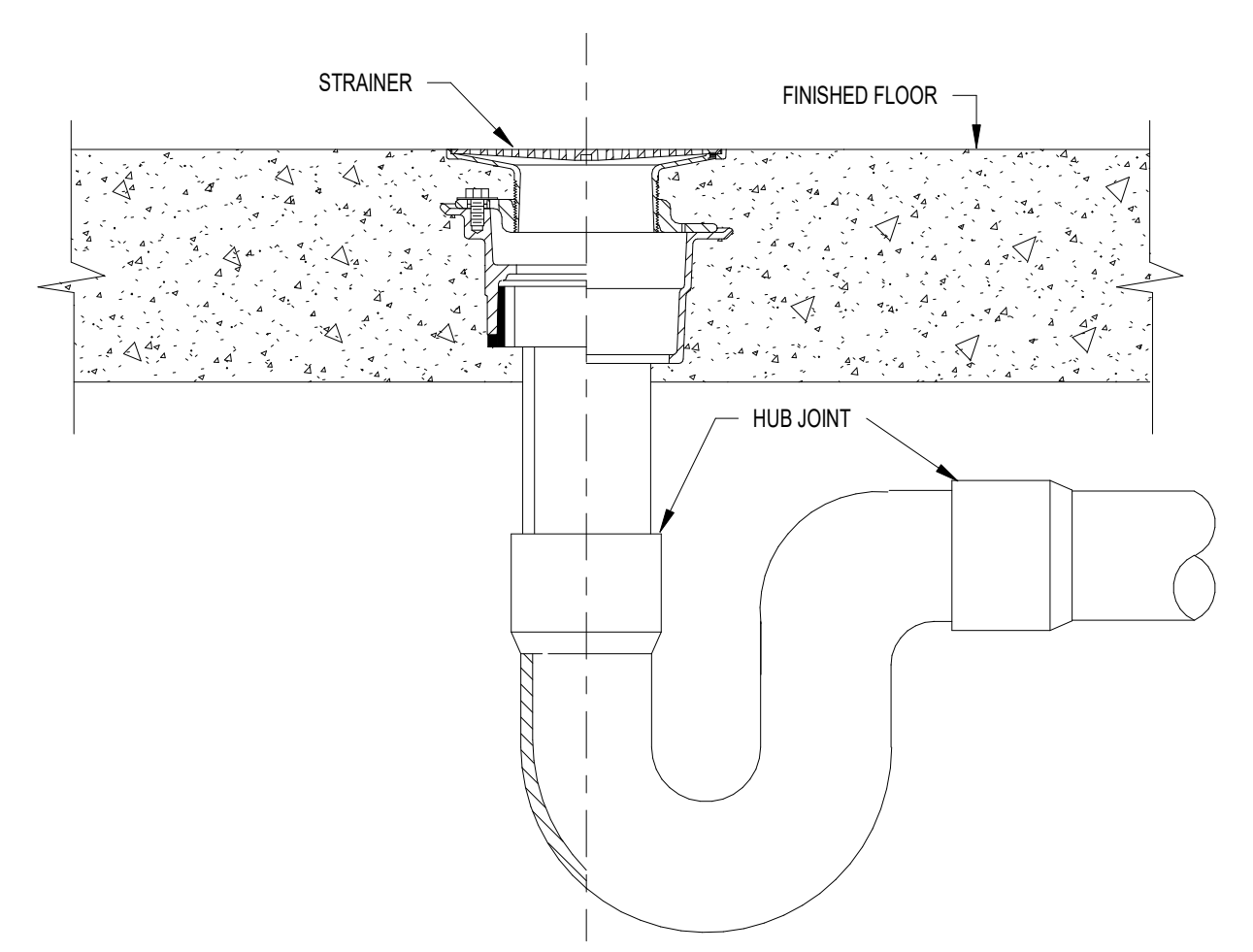
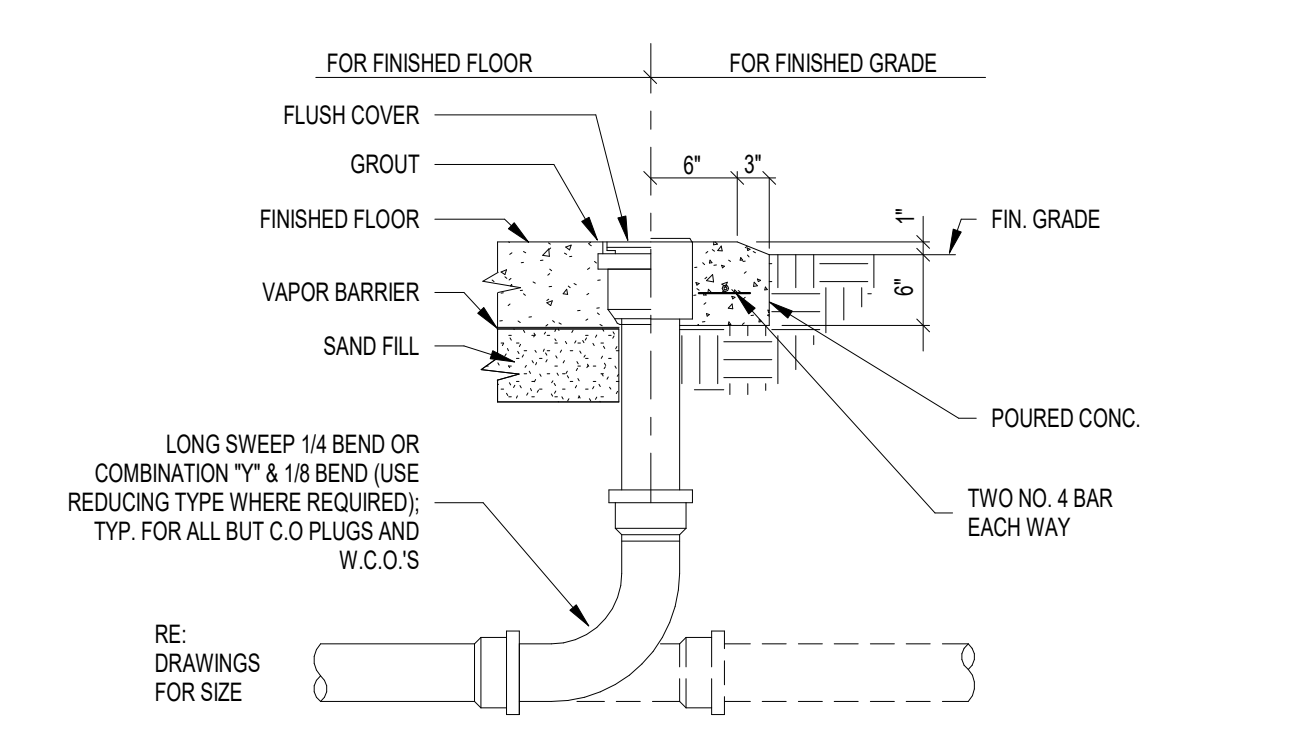
SHEET No. P-102 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

PLUMBING FIXTURE AND CONNECTION SCHEDULE								
MARK	FIXTURE	ROUGH-IN CONNECTION SIZE				MANUFACTURER	MODEL	DESCRIPTION AND NOTES
		C.W.	H.W.	VENT	WASTE			
L-1	LAVATORY (SINGLE-SYSTEM)					THE SPLASH LAB USA	TSL.MON.C.CUSTOM	BASIN - MONOLITH A-SERIES MODULAR SINK SYSTEM. TROUGH STYLE WITH SINGULAR DRAINAGE PER USER. COMES COMPLETE WITH POWDER COATED METAL LEG BRACKET SYSTEM FOR WALL MOUNTING. FINISH CORIAN SOLID SURFACE - ANTARCTICA. ADA COMPLIANT. FAUCET - WASHBAR WB1. U-SHAPED SENSOR FAUCET - BRUSHED STAINLESS STEEL. STANDARD 0.5GPM LAMINAR FLOW. PROVIDE WITH HARD-WIRED AC POWER SUPPLY. PROVIDE WITH WATTS RLFMMV, ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE. APPURTENANCES - KOHLER K-8998 P-TRAP WITH ADA TRAP PROTECTOR AND KOHLER K-7805-P SINK. SUPPLY STOPS WITH FLEXIBLE LAVATORY SUPPLY AND SUPPLY STOP ADA PROTECTORS. ZURN Z8737 FLAT GRID SINK STRAINER. MULTI-FEED SOAP SYSTEM.
L-2	LAVATORY (MULTI-SYSTEM)					THE SPLASH LAB USA	TSL.MON.C.CUSTOM	BASIN - MONOLITH A-SERIES MODULAR SINK SYSTEM. TROUGH STYLE WITH SINGULAR DRAINAGE PER USER. COMES COMPLETE WITH POWDER COATED METAL LEG BRACKET SYSTEM FOR WALL MOUNTING. FINISH CORIAN SOLID SURFACE - ANTARCTICA. ADA COMPLIANT. FAUCET - WASHBAR WB1. U-SHAPED SENSOR FAUCET - BRUSHED STAINLESS STEEL. STANDARD 0.5GPM LAMINAR FLOW. PROVIDE WITH HARD-WIRED AC POWER SUPPLY. PROVIDE WITH WATTS RLFMMV, ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE. APPURTENANCES - KOHLER K-8998 P-TRAP WITH ADA TRAP PROTECTOR AND KOHLER K-7805-P SINK. SUPPLY STOPS WITH FLEXIBLE LAVATORY SUPPLY AND SUPPLY STOP ADA PROTECTORS. ZURN Z8737 FLAT GRID SINK STRAINER. SINGLE-FEED SOAP SYSTEM.
U-1	URINAL (ADA)	1-1/2"	2"	4"	TOTO		UT104EV	COTTON WHITE, VITREOUS CHINA, UNIVERSAL HIGH EFFICIENCY, LOW CONSUMPTION (0.5 GPF), ELONGATED 14" FLUSHING RIM FROM FINISH WALL. WASHOUT FLUSH ACTION VALVE URINAL. MOUNTED AT ADA HEIGHT. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE. TOTO TEU3LA SATIN FINISH.
U-2	URINAL	1-1/2"	2"	4"	TOTO		UT104EV	COTTON WHITE, VITREOUS CHINA, UNIVERSAL HIGH EFFICIENCY, LOW CONSUMPTION (0.5 GPF), ELONGATED 14" FLUSHING RIM FROM FINISH WALL. WASHOUT FLUSH ACTION VALVE URINAL. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE. TOTO TEU3LA SATIN FINISH.
WC-1	WATER CLOSET (ADA)	1-1/2"	2"	4"	TOTO		CT708EV	BOWL, WALL HUNG, WHITE VITREOUS CHINA, TOP-SPUD FLUSHOMETER VALVE, HIGH-EFFICIENCY, LOW CONSUMPTION 1.28 GPF TOILET WITH ELONGATED BOWL. CONDENSATION CHANNEL, CONCEALED DESIGN AND FULLY GLAZED TRAPWAY. ANTIMICROBIAL SURFACE. DIRECT-FED SIPHON JET ACTION AND TESTED TO SUPPORT STATIC WEIGHT LOAD OF 1,000 POUNDS. MOUNTED AT ADA HEIGHT. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. SEAT: OPEN FRONT LESS COVER, ELONGATED, HEAVY-DUTY, INJECTION MOLDED SOLID PLASTIC TOILET SEAT WITH FOUR MOLDED-IN BUMPERS, NON-SELF-SUSTAINING CHECK RINGS WITH NON-CORROSIVE 303 SERIES STAINLESS STEEL POSTS AND FINLIES. COMPLYING WITH HP(M)ANSI Z124.5-2013. TOTO SCS34.
WC-2	WATER CLOSET	1-1/2"	2"	4"	TOTO		CT708EV	BOWL, WALL HUNG, WHITE VITREOUS CHINA, TOP-SPUD FLUSHOMETER VALVE, HIGH-EFFICIENCY, LOW CONSUMPTION 1.28 GPF TOILET WITH ELONGATED BOWL. CONDENSATION CHANNEL, CONCEALED DESIGN AND FULLY GLAZED TRAPWAY. ANTIMICROBIAL SURFACE. DIRECT-FED SIPHON JET ACTION AND TESTED TO SUPPORT STATIC WEIGHT LOAD OF 1,000 POUNDS. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE. TOTO TEU3LA SATIN FINISH. SEAT: OPEN FRONT LESS COVER, ELONGATED, HEAVY-DUTY, INJECTION MOLDED SOLID PLASTIC TOILET SEAT WITH FOUR MOLDED-IN BUMPERS, NON-SELF-SUSTAINING CHECK RINGS WITH NON-CORROSIVE 303 SERIES STAINLESS STEEL POSTS AND FINLIES. COMPLYING WITH HP(M)ANSI Z124.5-2013. TOTO SCS34.

PLUMBING DRAIN SCHEDULE								
MARK	FIXTURE	ROUGH-IN CONNECTION SIZE				MANUFACTURER	MODEL	DESCRIPTION AND NOTES
		C.W.	H.W.	VENT	WASTE			
4 FD-1	FLOOR DRAIN					ZURN	Z415	FLOOR DRAIN W/ TYPE 'B' STRAINER.

PLUMBING PIPE MATERIALS	
SYSTEM:	SERVICE:
WATER PIPE, ABOVE GRADE	TYPE '1' COPPER
SANITARY SEWER, ABOVE GRADE	CAST IRON
FIRE SPRINKLER LINE, INSIDE	BLACK STEEL

 <p>A1 SOAP DISPENSER DETAIL NOT TO SCALE</p>	 <p>B1 TRAP GUARD INSERT DETAIL NOT TO SCALE</p> <p>IMPORTANT NOTES:</p> <ol style="list-style-type: none"> THIS TRAP GUARD INSERT CAN BE INSTALLED INTO ANY ZURN #415 DRAIN TOPS TO PREVENT SEWER GAS EMISSION. THE EXTRA WIDE FLANGE NEEDS TO HAVE AN ADHESIVE TYPE CAULK INSTALLED AROUND THE BOTTOM EDGE. MOST Z415 TAILPIECES HAVE 4 PROTRUSIONS INSIDE THE 3-1/2" OPENING SO THE SEAL MUST BE MADE AROUND THE EDGE OF THE TG FLANGE. MAKE SURE INSIDE OF TAILPIECE IS CLEAN. <p>IF THE TRAP GUARD DEVICE SHOULD GET DAMAGED OR IMPAIRED IN ANY WAY, THE DEVICE CAN BE EASILY REMOVED BY USING A SHARP SCREW DRIVER UNDER THE FLANGE.</p> <p>NOTE: CARE SHOULD BE TAKEN NOT TO TOUCH THE ELASTOMERIC FLEXIBLE MATERIAL WITH THE PRIMER.</p> <p>NO FIRE RATINGS ARE REQUIRED FOR UNDERGROUND PIPING OR OPENINGS</p>	 <p>C1 DETAIL - TYPICAL FLOOR DRAIN NOT TO SCALE</p>	 <p>D1 DETAIL - TYPICAL CLEANOUT NOT TO SCALE</p>
---	--	--	---

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitford Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

J.E. CURTIS, JR.
REGISTERED PROFESSIONAL ENGINEER
NO. 458428
STATE OF TEXAS
JEE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS, JR. P.E. 58428

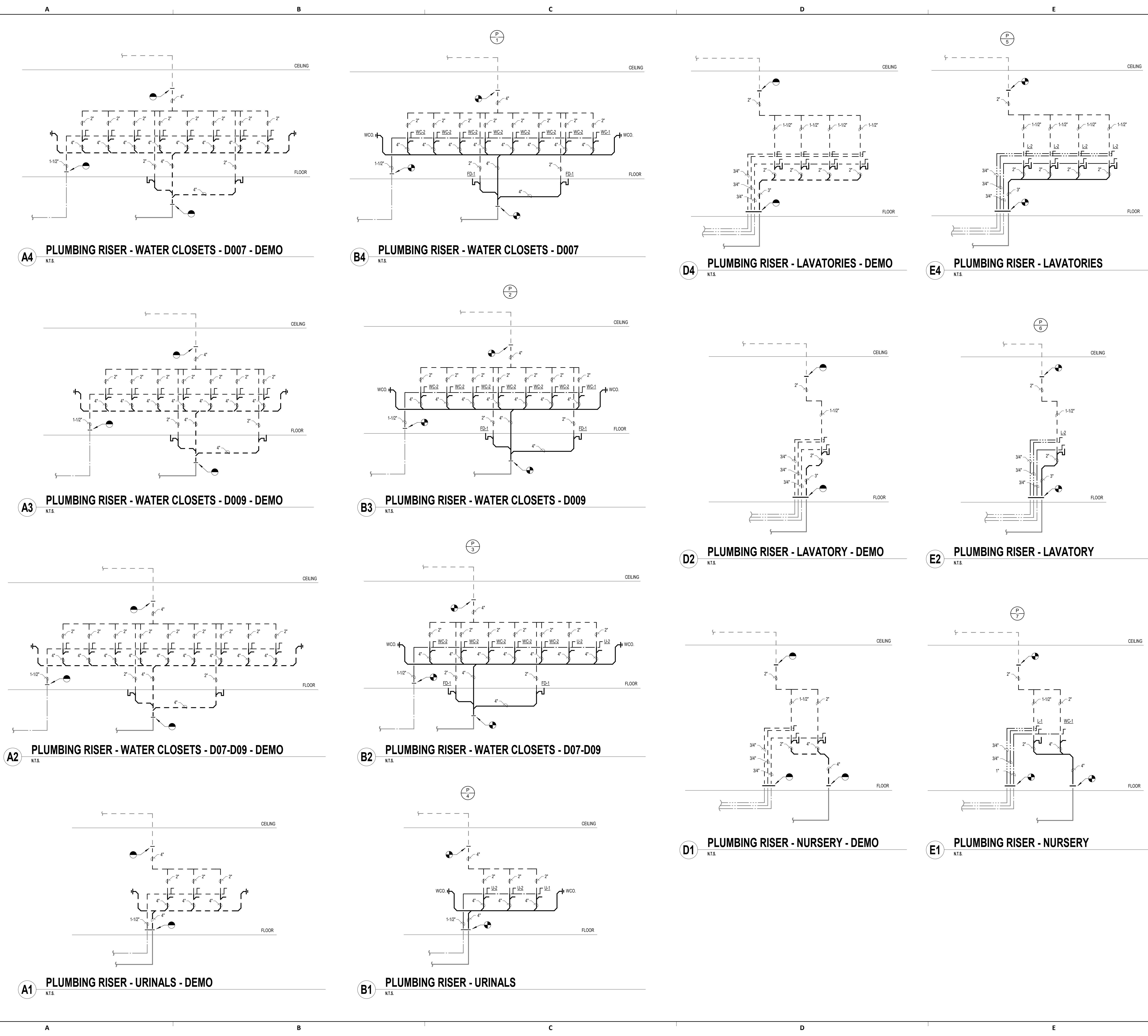
SHEET NAME: PLUMBING SCHEDULES & DETAILS
SHEET No. P-301 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt
HAS FILE:
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:

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

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:



HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR of HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

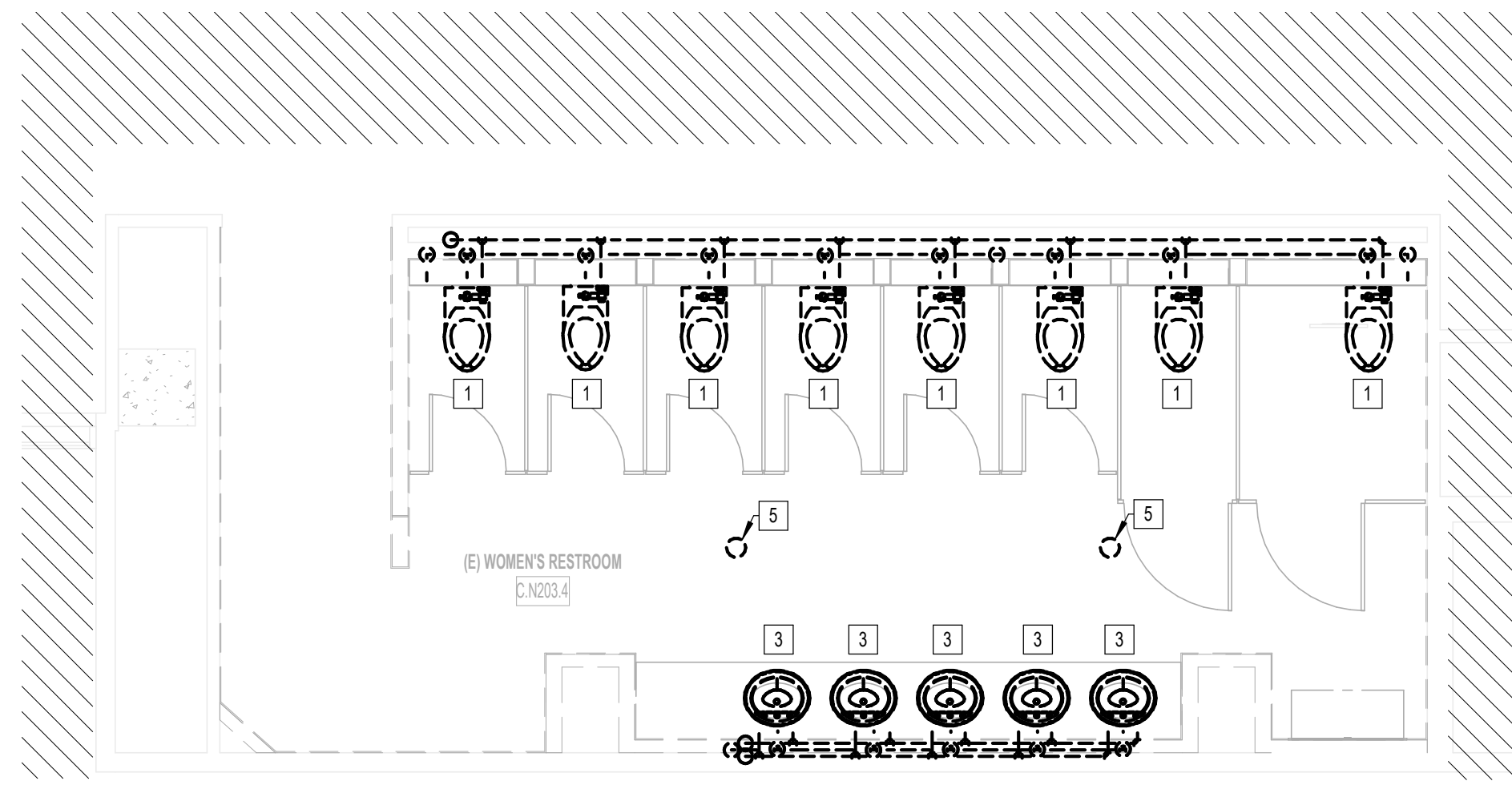
Professional Seal:
CURTIS JONES, JR.
P.E. 58428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME: PLUMBING RISERS
SHEET No. P-302 SCALE: N.T.S.
SHEET SIZE: 30"x42" ARCH E1

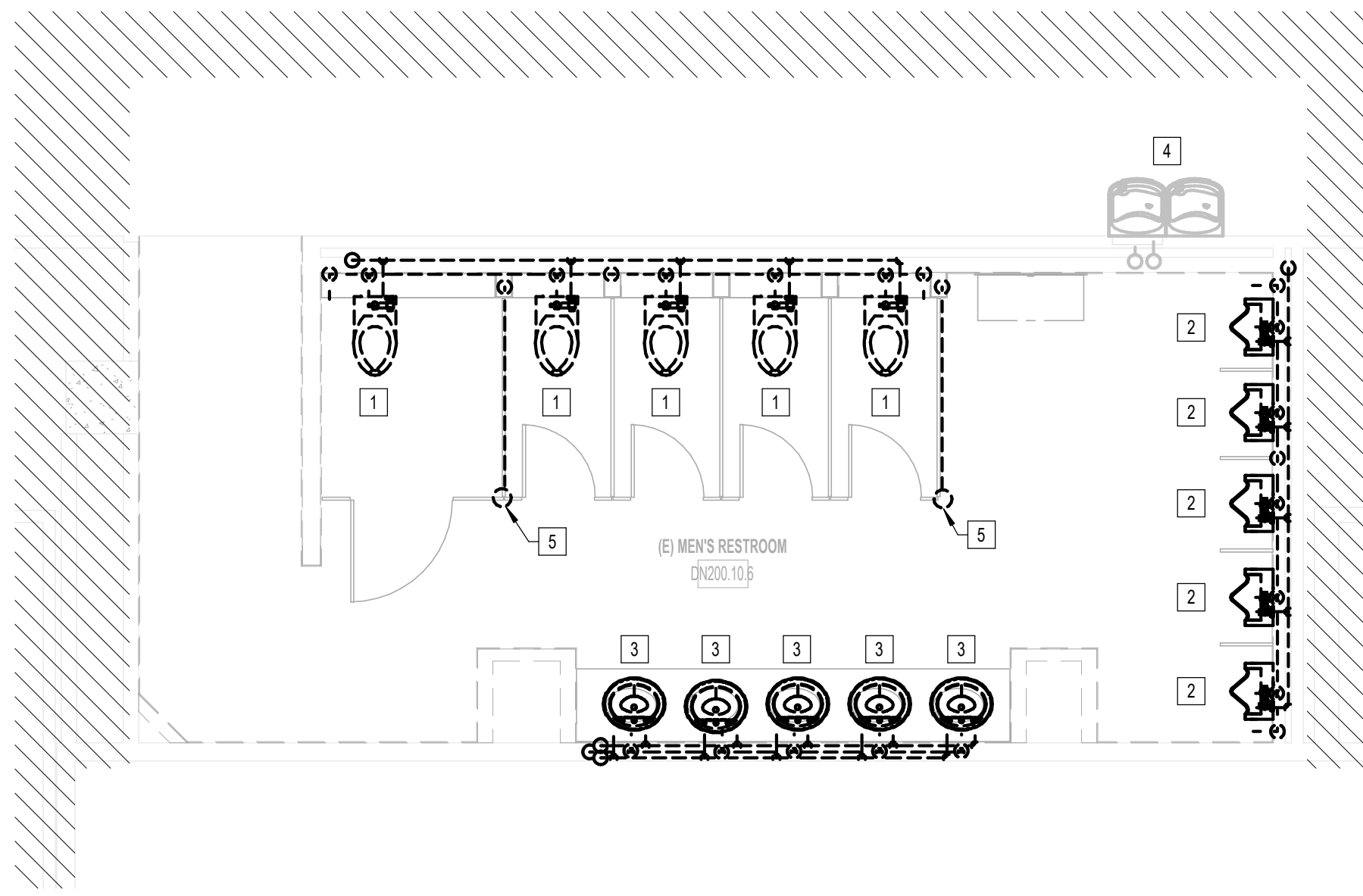
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

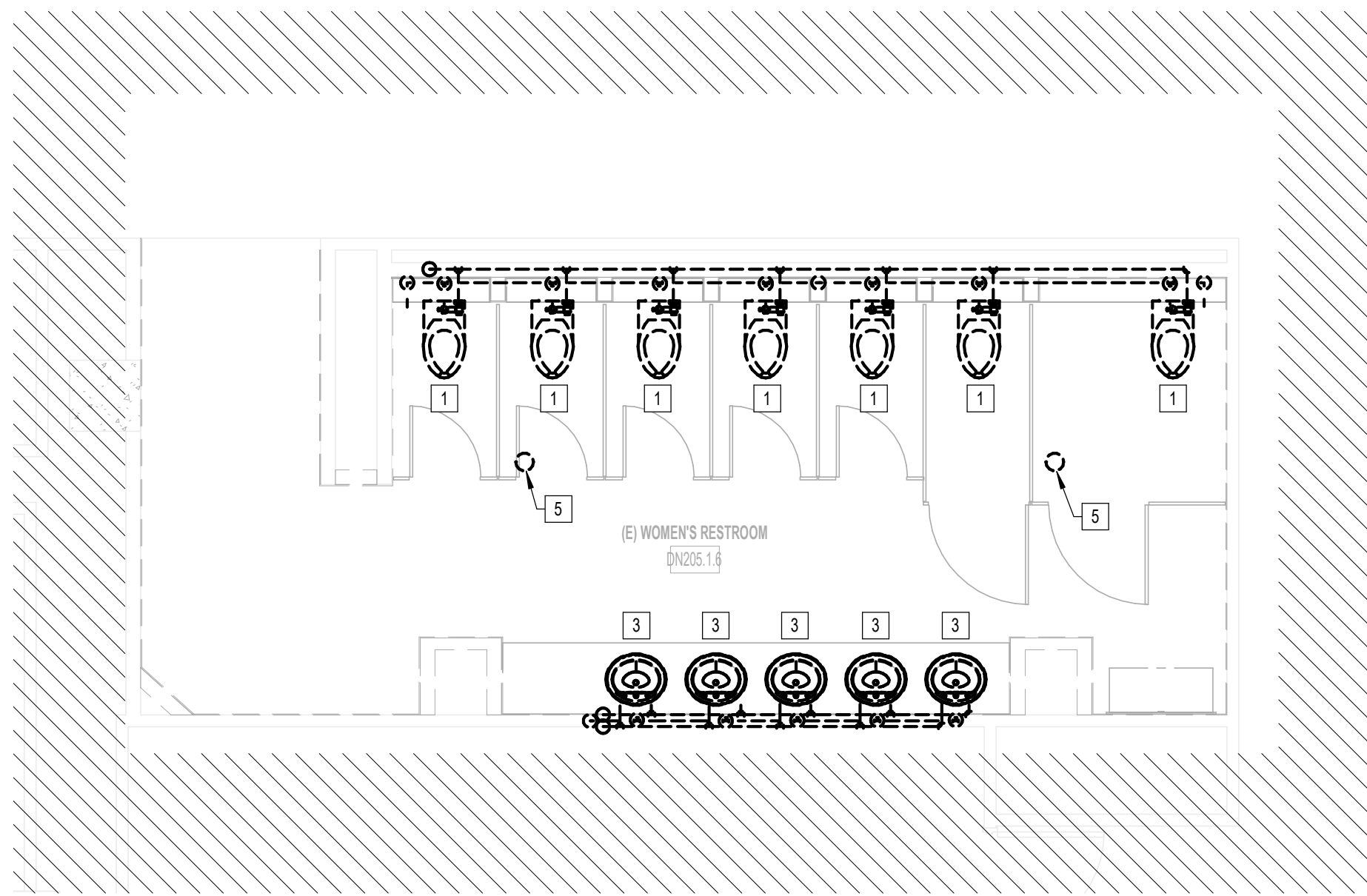
HAS FILE:



A3 PLUMBING WOMEN'S RESTROOM GATE D07 AREA - DEMO
1/4" = 1'-0"



C3 PLUMBING MEN'S RESTROOM GATE D07-D09 AREA - DEMO
1/4" = 1'-0"



A2 PLUMBING WOMEN'S RESTROOM GATE D09 AREA - DEMO
1/4" = 1'-0"

GENERAL NOTE:
BUILDING TO BE 100%
SPRINKLERED, PER NFPA 13.

CD CONNECTOR
PLUMBING GENERAL NOTES:

1. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IECC, SECTION C404.1.
2. RESTROOMS IN CD CONNECTOR ARE FULL RENOVATION. ALL PLUMBING FIXTURES SHALL BE REPLACED WITH NEW.
3. CONTRACTOR SHALL PROVIDE SEWER SCOPE INSPECTION.

CD CONNECTOR DEMO PLAN KEYED NOTES

#	NOTE
1	DISCONNECT & REMOVE EXISTING WATER CLOSET INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
2	DISCONNECT & REMOVE EXISTING URINAL INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
3	DISCONNECT & REMOVE EXISTING LAVATORY INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
4	DRINKING FOUNTAIN EXISTING TO REMAIN.
5	DISCONNECT & REMOVE EXISTING FLOOR DRAIN INCLUDING BUT NOT LIMITED TO: FIXTURE, P-TRAP, TRIM, CARRIER, WASTE, VENT & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW CUT FLOOR AS REQUIRED. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT ASSOCIATED WITH FLOOR DRAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Whitson Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 56428

SHEET NAME:
PLUMBING ENLARGED DEMO PLANS - CD CONNECTOR
SHEET No. PD-101 SCALE: As indicated

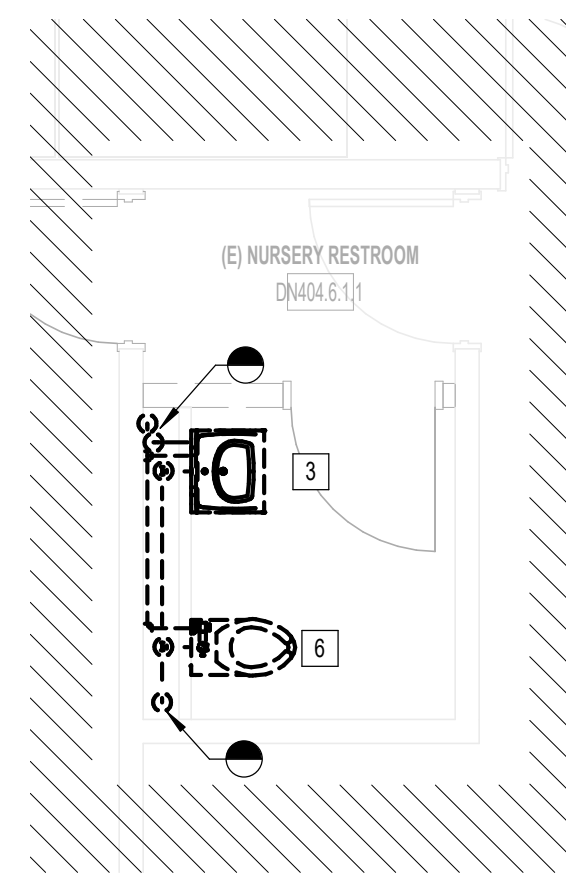
SHEET SIZE: 30"x42" ARCH E1

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

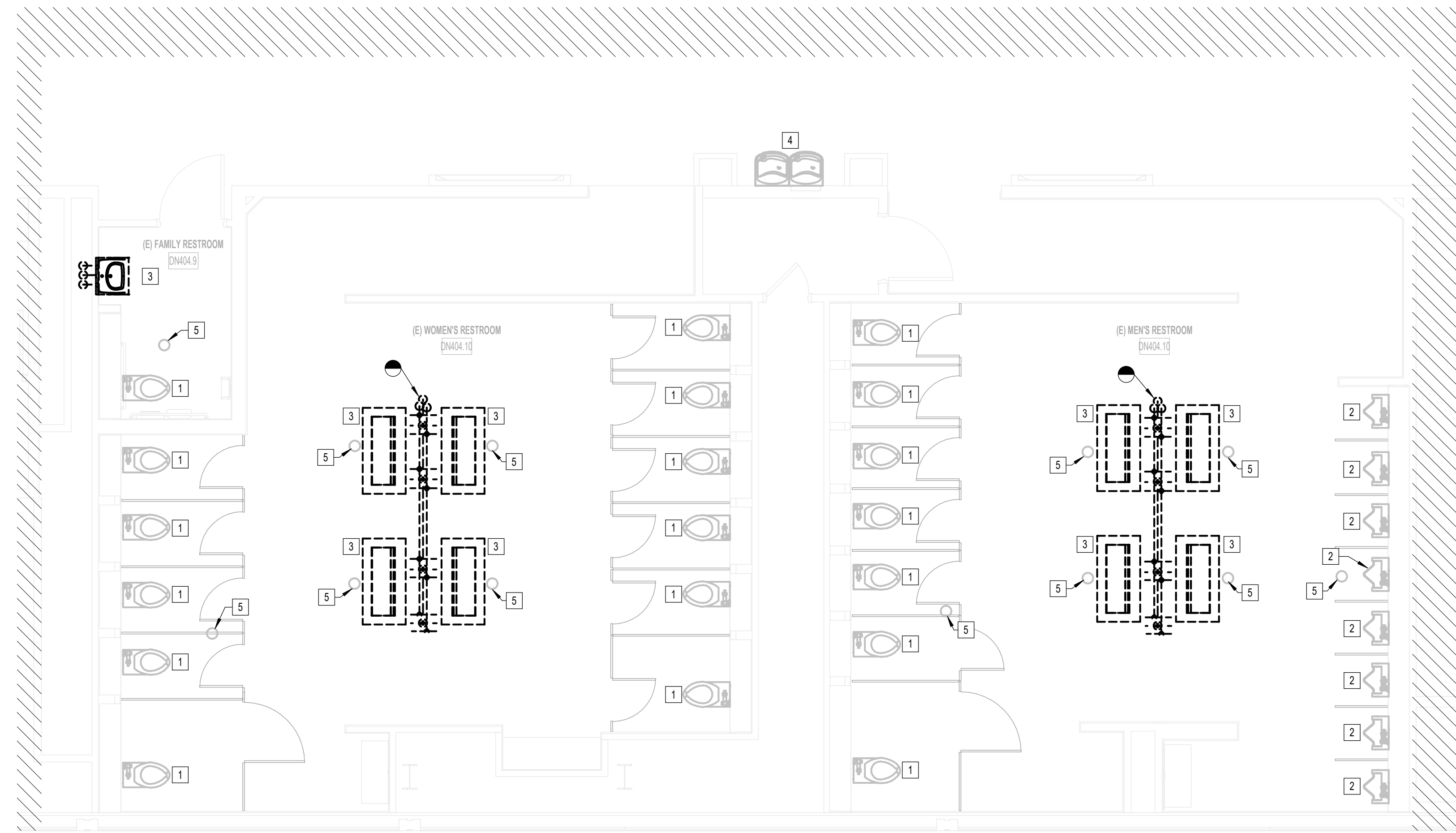
FILE PATH: BIM 360//1429.12 Terminal D Restrooms/4780_MEP20.rvt

HAS FILE:

A1 PLUMBING NURSERY RR GATE D15 AREA - DEMO
1/4" = 1'-0"



B2 PLUMBING MEN & WOMEN'S RR GATE D16 - DEMO
1/4" = 1'-0"



GENERAL NOTE:
BUILDING TO BE 100%
SPRINKLERED, PER NFPA 13.

**TERMINAL D
PLUMBING GENERAL NOTES:**

1. LAVATORY FAUCET HOT WATER SUPPLY MUST BE WITHIN THE DISTANCE ALLOWED IN IECC, SECTION C404.1.
2. WATER CLOSETS, URINALS, AND FLUSH VALVES IN TERMINAL D SHALL BE REMOVED, STORED, AND RE-INSTALLED, EXCEPT FOR THE FAMILY RESTROOMS.
3. FAMILY RESTROOMS IN TERMINAL D ARE FULL RENOVATION. ALL PLUMBING FIXTURES SHALL BE REPLACED WITHIN THE FAMILY RESTROOMS.
4. CONTRACTOR SHALL PROVIDE SEWER SCOPE INSPECTION.

TERMINAL D DEMO PLAN KEYED NOTES

#	NOTE
1	DISCONNECT, REMOVE, STORE, & RE-INSTALL EXISTING WATER CLOSET AND FLUSH VALVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
2	DISCONNECT, REMOVE, STORE, & RE-INSTALL EXISTING URINAL AND FLUSH VALVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
3	DISCONNECT & REMOVE EXISTING LAVATORY INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW OUT FLOOR AS REQUIRED. REMOVE EXISTING DOW AND DRW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
4	EXISTING DRAWING FOUNTAIN TO REMAIN.
5	EXISTING FLOOR DRAIN TO REMAIN.
6	DISCONNECT & REMOVE EXISTING WATER CLOSET INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORESAW OUT FLOOR AS REQUIRED. REMOVE EXISTING DOW AND DRW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, Texas 77032
TERMINAL D - RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-1AH H.A.S. No.
TRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.
Consulting Mechanical/Electrical/Plumbing Engineers
9820 Wilshire Dr. Houston, Texas 77095 (713)222-7766
Texas Registered Engineering Firm #F-3811

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS

NO.	DESCRIPTION	DATE	BY

DESIGN BY: JE
DRAWN BY: JE
CHECKED BY: JE
ISSUE DATE: 03.15.24
APPROVED BY: JE
APPROVAL DATE: 03.15.24

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

Professional Seal:
CURTIS JONES, JR.
P.E. 56428
JE#4780
03/15/2024
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 56428

SHEET NAME:
PLUMBING ENLARGED DEMO PLANS -
TERMINAL D

SHEET No. PD-102 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

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

FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acaruanaU75V.k.rvt
HAS FILE:

A B C D E

TECHNOLOGY GENERAL NOTES

- FOLLOW TELECOM STANDARDS AND PRACTICES. SEE DIVISION 27 SPECIFICATIONS AND T DRAWINGS.
- REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER (RCDD) SUPERVISOR SHALL REVIEW, APPROVE AND STAMP ALL SHOP DRAWINGS. COORDINATE DRAWINGS AND RECORD DRAWINGS.
- ALL WALL PENETRATIONS SHALL BE SEALED WITH APPROVED FIRE STOPPING.
- REFER TO THE ELECTRICAL FLOOR PLAN DRAWINGS FOR ADDITIONAL ROUGH-IN REQUIREMENTS. WHERE THERE ARE DRAWING DISCREPANCIES, THE CONTRACTOR SHALL INSTALL THE GREATER QUANTITY OF DEVICES.
- REFER TO THE SITE PLAN ON AND RISER DIAGRAM FOR TELECOMMUNICATION BACKBONE CONDUITS/CABLES. FIELD COORDINATE EXACT ROUTING WITH OTHER TRADES.
- ALL COMMUNICATIONS EQUIPMENT SHOWN SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE.
- BOND ALL COMMUNICATIONS CABINETS, RELAY RACKS, CABLE TRAYS, AND OTHER METALLIC SUPPORTING DEVICES TO TELECOMMUNICATIONS GROUND BUSBAR INSIDE COMMUNICATIONS ROOM. BOND WITH A #6 GROUND CONDUCTOR.
- ALL HORIZONTAL VOICE AND DATA CABLES SHALL BE DISTRIBUTED VIA MINIMUM 1" CONDUIT AND/OR CABLE TRAY. NO EXCEPTIONS.
- SINGLE LINE DIAGRAMS, SCHEMATICS, DETAILS AND CONDUIT PATHS SHOWN HEREIN ARE CONCEPTUAL AND ILLUSTRATE ONLY THE FUNCTIONAL RELATIONSHIPS BETWEEN COMPONENTS OF THE SYSTEM. ACCORDINGLY, FULL SHOP DRAWING DEVELOPMENT IS REQUIRED TO REALIZE THE SPECIFIED FUNCTIONS.
- DEVICE LOCATIONS ON PLANS ARE CONCEPTUAL. LOCATE AS SITE CONDITIONS REQUIRE AND AS APPROVED BY GC.
- REFER TO THE BID SPECIFICATION FOR ADDITIONAL REQUIREMENTS REGARDING THIS WORK.
- PAINTING, PATCHING AND FINISHES FOR DEVICES LOCATED IN EXISTING AREAS SHALL MATCH EXISTING FINISHES AS APPROVED BY GC.
- FINISHES OF DEVICES IN NEW/REMODEL AREAS SHALL BE APPROVED BY GC.
- WORK AND MATERIALS SHALL CONFORM TO THE MOST CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AS FURNISHED BY GC. WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- IN SOME INSTANCES THE IDF MAY BE OVER 90 METERS FROM THE IP DEVICE DUE TO LEGACY DESIGN STANDARDS WHEN THE BUILDING WAS CONSTRUCTED. IF TESTED CABLE DOES NOT PASS CERTIFICATION, CONTRACTOR MUST USE MIDSPAN EXTENDER INSTALLED INSIDE OF ENCLOSURE. REFERENCE DETAIL SHEETS FOR INSTALLATION DIAGRAM.

TECHNOLOGY ABBREVIATIONS

(E)	EXISTING		
GC	GENERAL CONTRACTOR		
LEC	LOCAL EXCHANGE CARRIER		
MMF	MULTIMODE FIBER		
(N)	NEW		
NIC	NOT IN CONTRACT		
PR	PAIR AS IN COPPER PAIR (CATEGORY 5)		
R	RADIUS		
SMF	SINGLE MODE FIBER		
STP	SHIELDED TWISTED PAIR, 22 AWG		
UTP	UNSHIELDED TWISTED PAIR		

REFERENCE SPECIFICATIONS

- 270526 - TELECOMMUNICATIONS GROUNDING AND BONDING
- 270528 - INTERIOR COMMUNICATION PATHWAYS
- 270543 - EXTERIOR COMMUNICATION PATHWAYS
- 270553 - IDENTIFICATION AND LABELING OF COMMUNICATION INFRASTRUCTURE
- 271045 - RESTROOM MONITORING SYSTEM
- 271100 - COMMUNICATIONS CABINETS AND EQUIPMENT ROOMS
- 271500 - HORIZONTAL MEDIA INFRASTRUCTURE
- 272100 - DATA COMMUNICATION NETWORK EQUIPMENT
- 272200 - LAPTOP, AND SERVERS EQUIPMENT
- 275113 - AUDIO COMMUNICATION SYSTEM
- SPECIFICATION CAN BE DOWNLOADED AT <https://www.fly2houston.com/biz/resources/building-standards-and-permits>

SHEET INDEX

SHEET NO.	DESCRIPTION
T-001	TECHNOLOGY - ABBREVIATIONS & SYMBOLS
T-100	TECHNOLOGY - SITE PLAN
T-101	TECHNOLOGY - ENLARGED RR FLOOR PLANS - CD CONNECTOR
T-102	TECHNOLOGY - ENLARGED RR FLOOR PLANS - TERMINAL D
T-401	TECHNOLOGY - ENLARGED PLAN - IDF CNE 173
T-402	TECHNOLOGY - ENLARGED PLAN - IDF 421
T-500	TECHNOLOGY - EQUIPMENT DETAILS
T-600	TECHNOLOGY - EQUIPMENT SCHEDULES

TECHNOLOGY EQUIPMENT SYMBOLS LIST

SYMBOL	DESCRIPTION
HDMI-R	HDMI RECEIVER
HDMI-T	HDMI TRANSMITTER
FOPP	FIBER OPTIC PATCH PANEL
FOT	FIBER OPTIC TRANSMITTER
FOR	FIBER OPTIC RECEIVER
CPP	COPPER PATCH PANEL
CP	CURTESY PHONE
HH	HAND HOLE
MATV	MAINTENANCE HOLE
MH	MAINTENANCE HOLE
NS _O	NETWORK SWITCH (OWNER)
NS _T	NETWORK SWITCH (TENANT)
PB	PULL BOX
P	OSP COPPER PROTECTOR
X	X-CAT6 TERMINATION JACK WHERE X REPRESENTS QUANTITY OF CAT6 CABLES. FIELD COORDINATE EXACT PLACEMENT WITH OTHER TRADE.
4	EXAMPLE: 4-CAT6 WITH 4-PORT WALL PLATE, 15" A.F.F.
X	CAT 6 TERMINATION JACK, X=CONFIGURATION, Y=QTY OF CAT 6 CABLES. PROVIDE PATCH CORD FOR EACH CONNECTED PORT.
TV	TV OUTLET (1 RG-6 CABLE)
AV	HDMI WITH 2 AUDIO JACKS. INCLUDE PLENUM HDMI AND 2 AUDIO CABLE FROM JACK TO AV SOURCE WITHIN ROOM.
W	1 CAT 6 WITH PLATE FOR WALL MOUNTED PHONE, 45" A.F.F.
B	BLANK WALL PLATE
X	X CAT 6 CABLE (FLOOR OUTLET)
WAP	WIRELESS ACCESS POINT, 2 CAT 6A CABLES
AW	ALL WEATHER OUTDOOR PHONE, 1 CAT 6

TECHNOLOGY EQUIPMENT SYMBOLS LIST

SYMBOL	DESCRIPTION
○	CONDUIT TURNING UP
●	CONDUIT TURNING DOWN
┌	TERMINATING CONDUIT. PROVIDE GROUND LUG AND INSULATED THROAT BUSHING.
—	EXPOSED CONDUIT
----	CONCEALED CONDUIT
----	ARIEL CABLE
BTP	BLUETOOTH BEACON PUCK
EX	ETHERNET EXTENDER
FPC	FLIGHT INFORMATION DISPLAY PC
FPD	FLAT PANEL DISPLAY
HCM	HORIZONTAL CABLE MANAGEMENT
JB	JUNCTION BOX
MPC	MINIATURE COMPUTER
DOL	BATHROOM STALL OCCUPANCY SENSOR LIGHT
PCR	PASSENGER COUNTER REMOTE
PCS	PASSENGER COUNTER SENSOR
REC	REMOTE EQUIPMENT ENCLOSURE
SP1	AV SPEAKER TYPE 1, MODEL JBL CONTROL 24CT
SP2	AV SPEAKER TYPE 2
OSG	BATHROOM STALL OCCUPANCY SENSOR GATEWAY
TP1	TOUCH PANEL



3701 North Terminal Road
Houston, TX 77032
TERMINAL D RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com



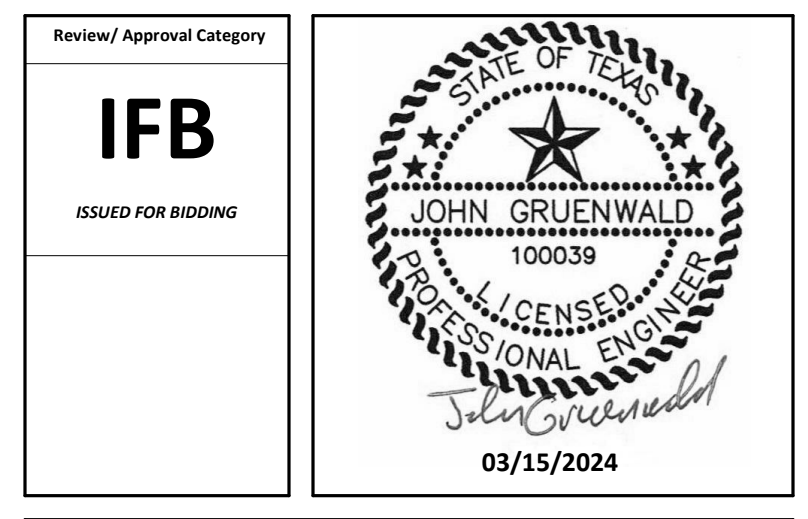
DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM



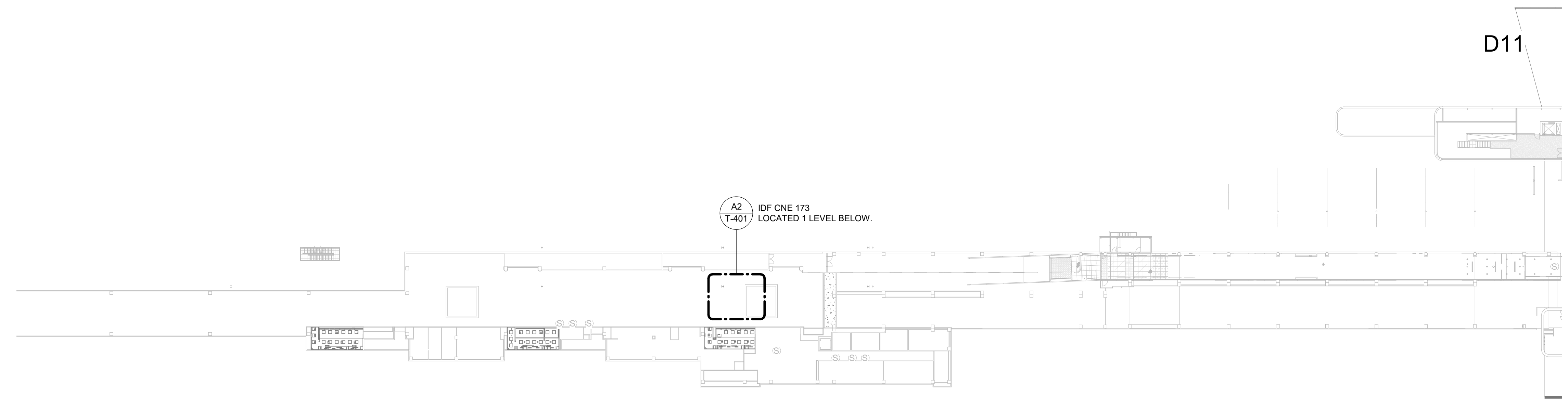
SHEET NAME: TECHNOLOGY - ABBREVIATIONS & SYMBOLS
SHEET No. T-001 SCALE:
SHEET SIZE: 30"x42" ARCH E1

A B C D E

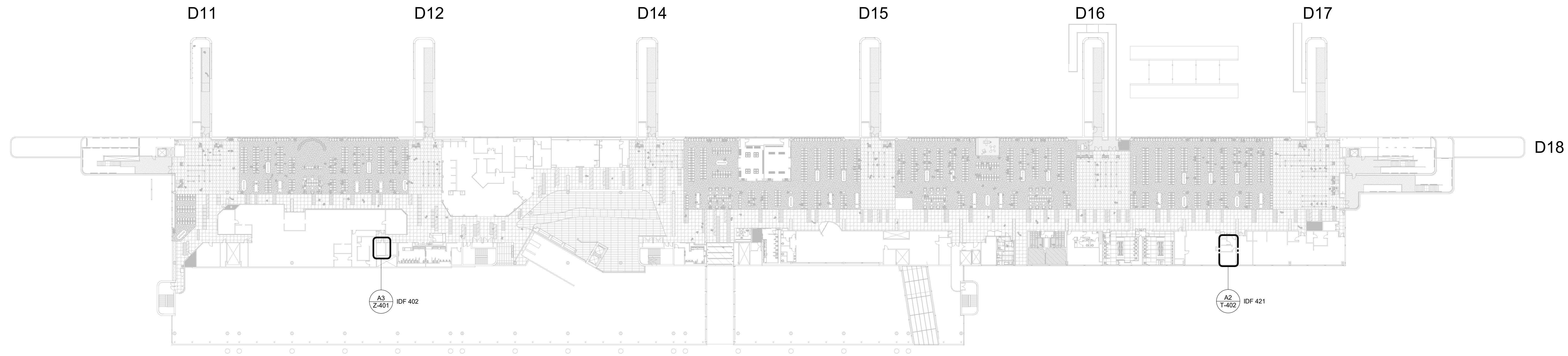
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360/[1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acuranaU75V.K.rvt
HAS FILE:

A3 CD DEPARTURES LEVEL - SITE PLAN
SCALE: 1" = 40'-0"



A1 TERMINAL D DEPARTURES LEVEL - SITE PLAN
SCALE: 1" = 40'-0"



GENERAL NOTES

- TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
- COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
- IDF LOCATIONS PICTURED BELOW.



3701 North Terminal Road
Houston, TX 77032
**TERMINAL D RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

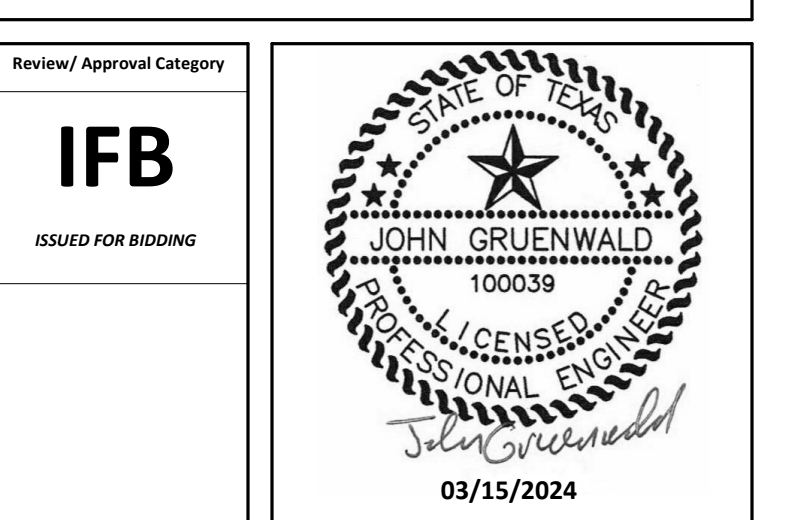


DESIGNER PROJECT No.:
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

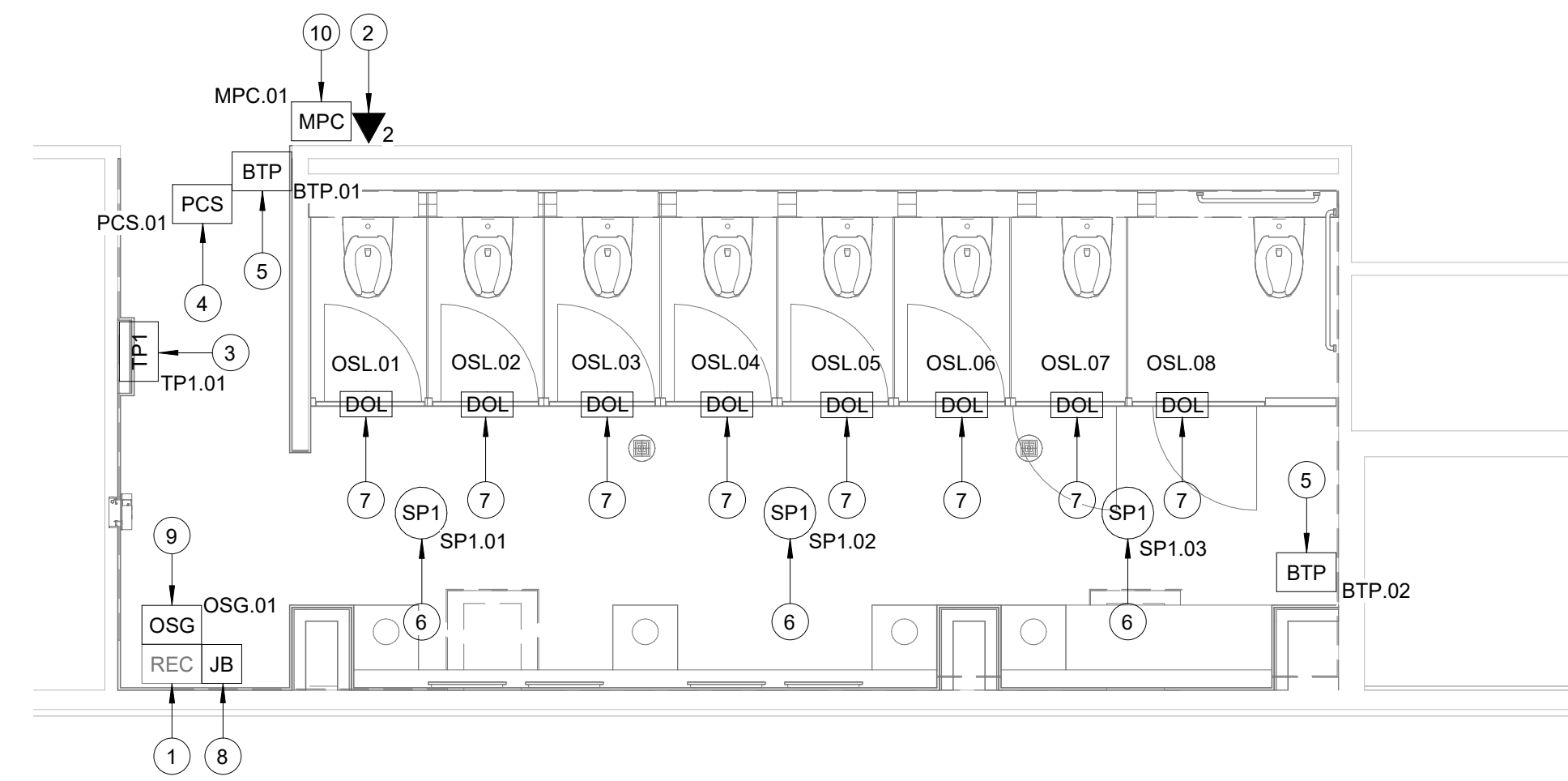


SHEET NAME: TECHNOLOGY - SITE PLAN
SHEET No. T-100 SCALE: 1" = 40'-0"
SHEET SIZE: 30"x42" ARCH E1

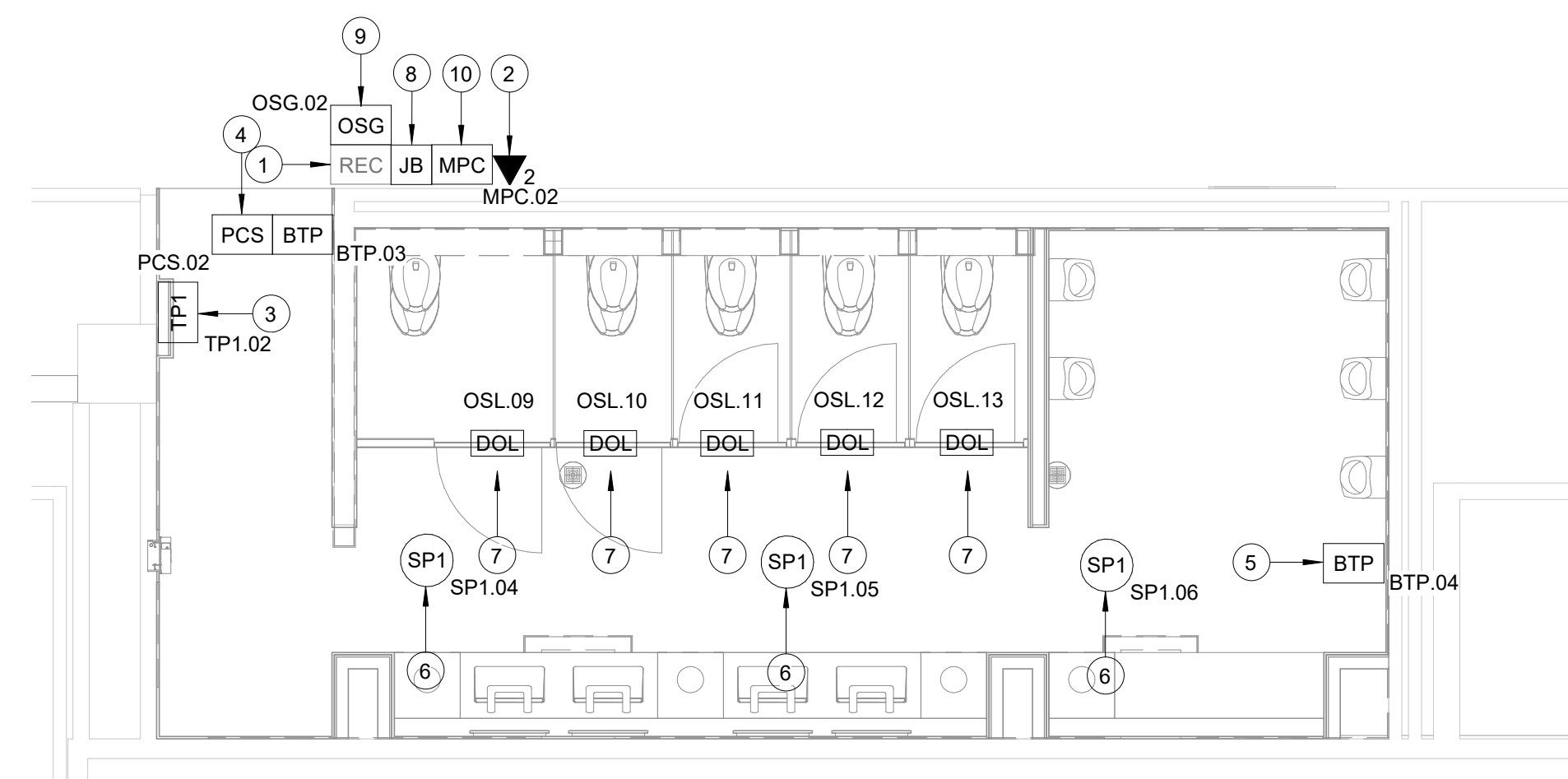
PLOT DATE:
DOA DWG FILE:
OLD DOA No. :
PLOT DATE:

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acurana075vk.rvt

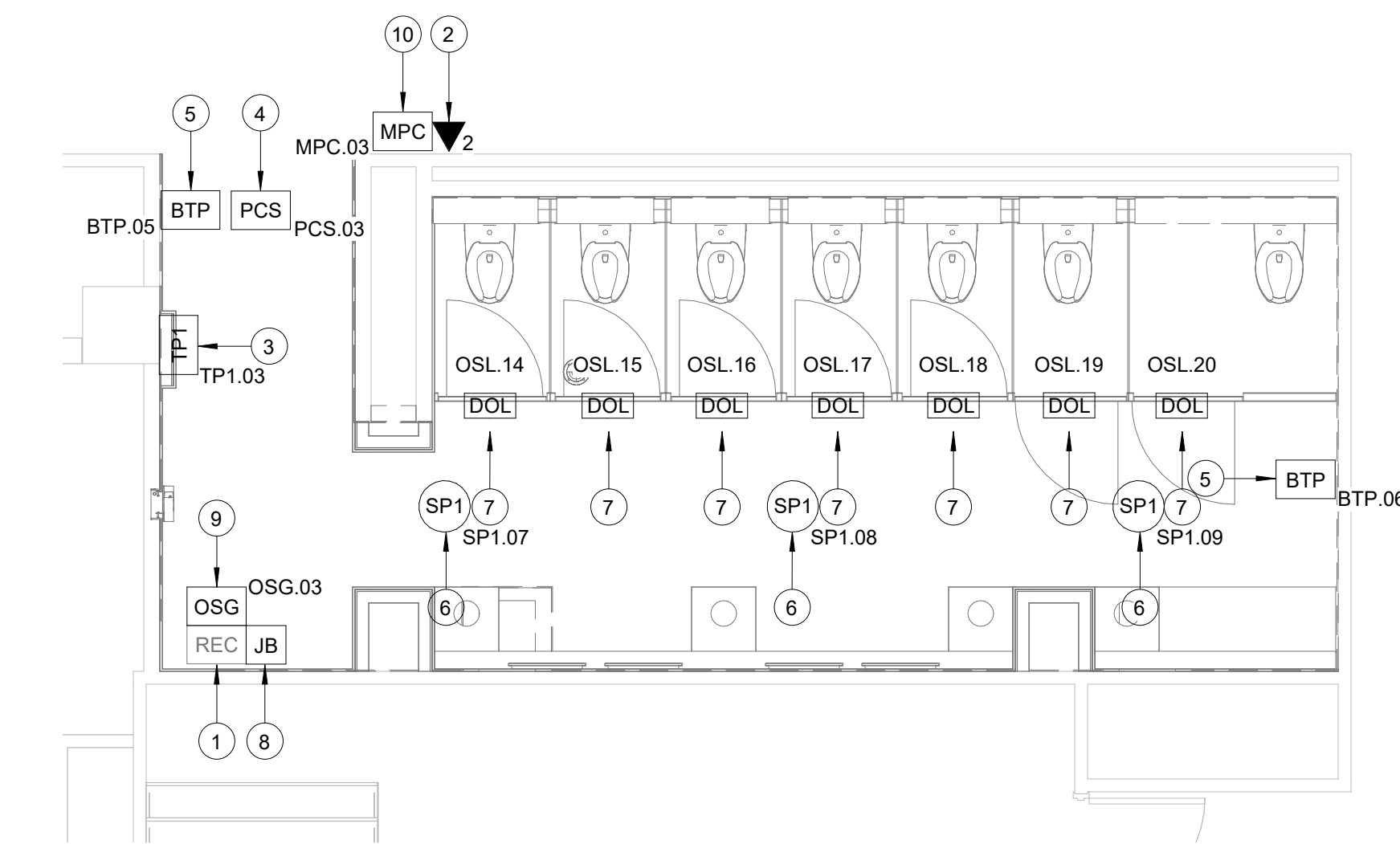
HAS FILE:



A3 WOMEN'S RESTROOM GATE D1 AREA
SCALE: 1/4" = 1'-0"



C3 MEN'S RESTROOM GATE D1-D3 AREA
SCALE: 1/4" = 1'-0"



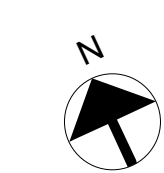
A2 WOMEN'S RESTROOM GATE D3 AREA
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
2. REFER TO GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SHEETS FOR ADDITIONAL INFORMATION.
3. COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
4. SCREENED DEVICES DENOTE EXISTING.
5. TURN OVER ANY DEMO'D TECHNOLOGY DEVICES TO HAS IT.

KEYED NOTES

1. EXISTING WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC), MOUNTED ABOVE CEILING GRID.
2. **POSSIBLE** LOCATION OF 2-PORT, SURFACE MOUNT DATA RECEPTACLE, 2 CAT6 CABLE ROUTED THROUGH A 1" C TO IDF CNE173. (IDF C.NE1) COORDINATE WITH ITRIP PRIOR TO INSTALLATION.
3. REPLACE EXISTING TABLE FASTENED TO WALL WITH APPROVED WALL MOUNT HARDWARE, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT INSTALLATION DETAIL FOR APPROVAL PRIOR TO INSTALLATION AS REQUIRED.
4. PASSENGER COUNT SENSOR, LATEST HAS IT ADOPTED PRODUCT SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (1) CAT6 CABLE ROUTED THROUGH A 1" C TO REC.
5. BLUETOOTH BEACON PUCK, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
6. REPLACE CEILING SPEAKER WITH NEW JBL CONTROL 24CT. KEEP THE SAME/CLOSEST TAP VALUE, AND TURN OLD SPEAKER OVER TO HAS IT.
7. CUBICLES STALL WITH LED OCCUPANCY LIGHTS, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. CONTRACTOR RESPONSIBLE FOR INTEGRATION OF CUBICLE LED OCCUPANCY WITH TRAX SYSTEM.
8. LOCATION OF JUNCTION BOX FOR BATHROOM STALL OCCUPANCY LIGHTS POWER SUPPLY. JUNCTION BOX TO HAVE 1" CONDUIT ROUTED TO CEILING.
9. BATHROOM STALL OCCUPANCY LIGHT GATEWAY, LATEST HAS IT ADOPTED PRODUCT SELECTED BY TRAX. PLACE INSIDE NEW WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC).
10. **POSSIBLE** LOCATION OF MINI COMPUTER, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL AND COORDINATE WITH ITRIP PRIOR TO INSTALLATION.



3701 North Terminal Road
Houston, TX 77032
**TERMINAL D RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON
ROGERS**
structural engineers

2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com



1838 N Sam Houston Pkwy, Ste. 500
Houston, TX 77052
346.570.2418
pgae.com
TBP# FRM #12493

DESIGNER PROJECT No.:

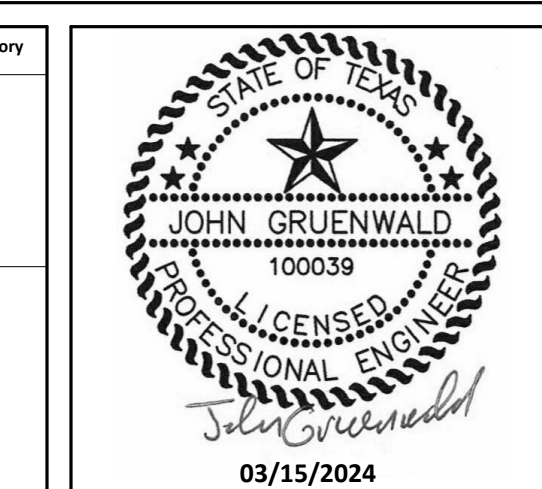
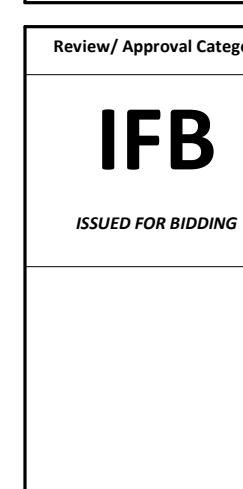
PROJECT STATUS: **IFB**

REVISIONS

No.	DESCRIPTION	DATE	BY

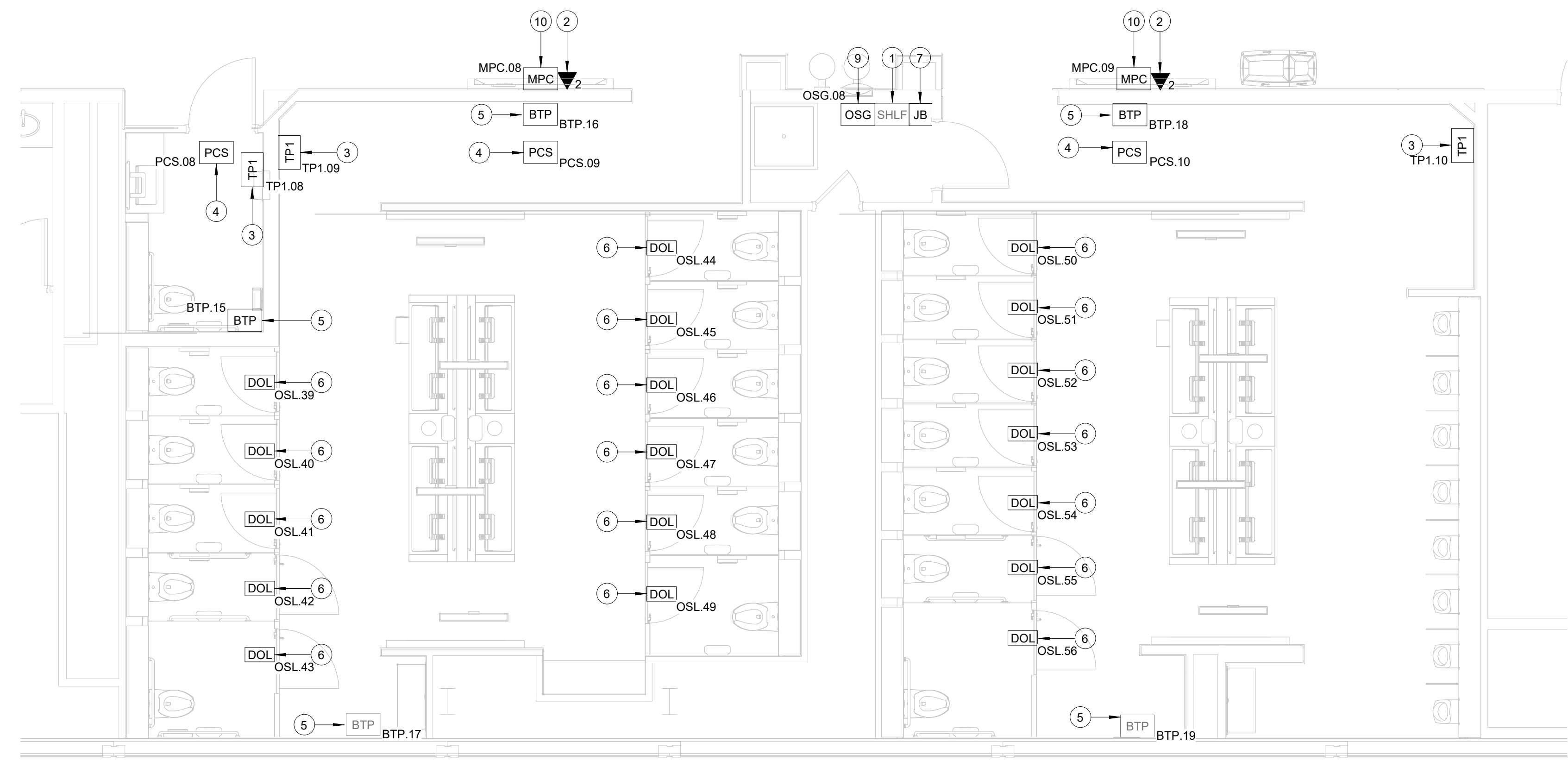
DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

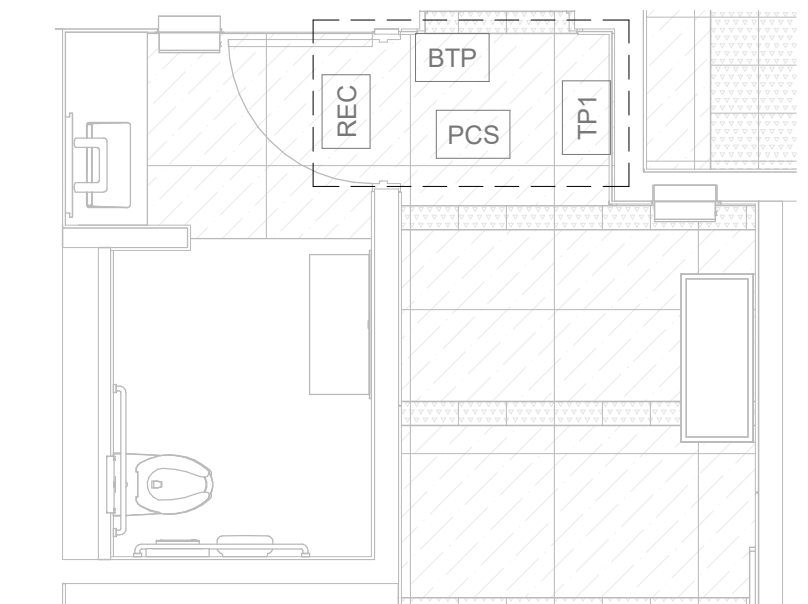


SHEET NAME: TECHNOLOGY - ENLARGED RR FLOOR PLANS - CD CONNECTOR
SHEET No. T-101 SCALE: 1/4" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acaruana075vk.rvt
 HAS FILE:
 PLOT DATE:
 DOA DWG FILE:
 OLD DOA No.:



B2 ENLARGED PLAN - MEN & WOMEN'S RR GATE D16
 SCALE: 1/4" = 1'-0"



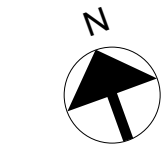
A1 ENLARGED PLAN - NURSERY RR GATE D8 AREA
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
- REFER TO GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SHEETS FOR ADDITIONAL INFORMATION.
- COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
- SCREENED DEVICES DENOTE EXISTING.
- TURN OVER ANY DEMO'D TECHNOLOGY DEVICES TO HAS IT.

KEYED NOTES

- REPLACE SHELF WITH NEW GL15WM-040400, GREAT LAKES WALL MOUNT 7U CABINET OR PPROVED EQUAL. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- POSSIBLE** LOCATION OF 2-PORT, SURFACE MOUNT DATA RECEPTACLE. 2 CAT6 CABLE ROUTED THROUGH A 1" TO NEAREST IDF. COORDINATE WITH ITRIP PRIOR TO INSTALLATION.
- TABLET FASTENED TO WALL WITH APPROVED WALL MOUNT HARDWARE, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT INSTALLATION DETAIL FOR APPROVAL PRIOR TO INSTALLATION AS REQUIRED.
- REPLACE EXISTING PASSENGER COUNT SENSOR, LATEST HAS IT ADOPTED PRODUCT SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (1) CAT6 CABLE ROUTED THROUGH A 1" TO REC.
- REPLACE EXISTING BLUETOOTH BEACON PUCK, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- CUBICLES STALL WITH LED OCCUPANCY LIGHTS, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. CONTRACTOR RESPONSIBLE FOR INTEGRATION OF CUBICLE LED OCCUPANCY WITH TRAX SYSTEM.
- LOCATION OF JUNCTION BOX FOR BATHROOM STALL OCCUPANCY LIGHTS POWER SUPPLY. JUNCTION BOX TO HAVE 1" CONDUIT ROUTED TO CEILING.
- (NOT USED)
- BATHROOM STALL OCCUPANCY LIGHT GATEWAY, LATEST HAS IT ADOPTED PRODUCT SELECTED BY TRAX. PLACE INSIDE NEW WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC).
- POSSIBLE** LOCATION OF MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL AND COORDINATE WITH ITRIP PRIOR TO INSTALLATION.



HOUSTON AIRPORTS
 3701 North Terminal Road
 Houston, TX 77032
TERMINAL D RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
 C.O.H. No. D.O.A. No.
 B.S.G. No. BSG-2022-139-IAH H.A.S. No.
 ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
 ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
 structural engineers
 2603 Augusta, Suite 800 Houston, Texas 77057
 713.430.5800 713.430.5888 fax
 www.hendersonrogers.com

PGA ENGINEERS, INC
 1838 N Sam Houston Pkwy, Ste. 550 Houston, TX 77052 346.570.2418 pgaengineers.com TBPE FRM #12493

DESIGNER PROJECT No.:
 PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA
 DRAWN BY: AC
 CHECKED BY: JG
 ISSUE DATE: 03/15/2024
 APPROVED BY: JOHN GRUENWALD
 APPROVAL DATE: 03/15/2024

DIRECTOR of HOUSTON AIRPORT SYSTEM

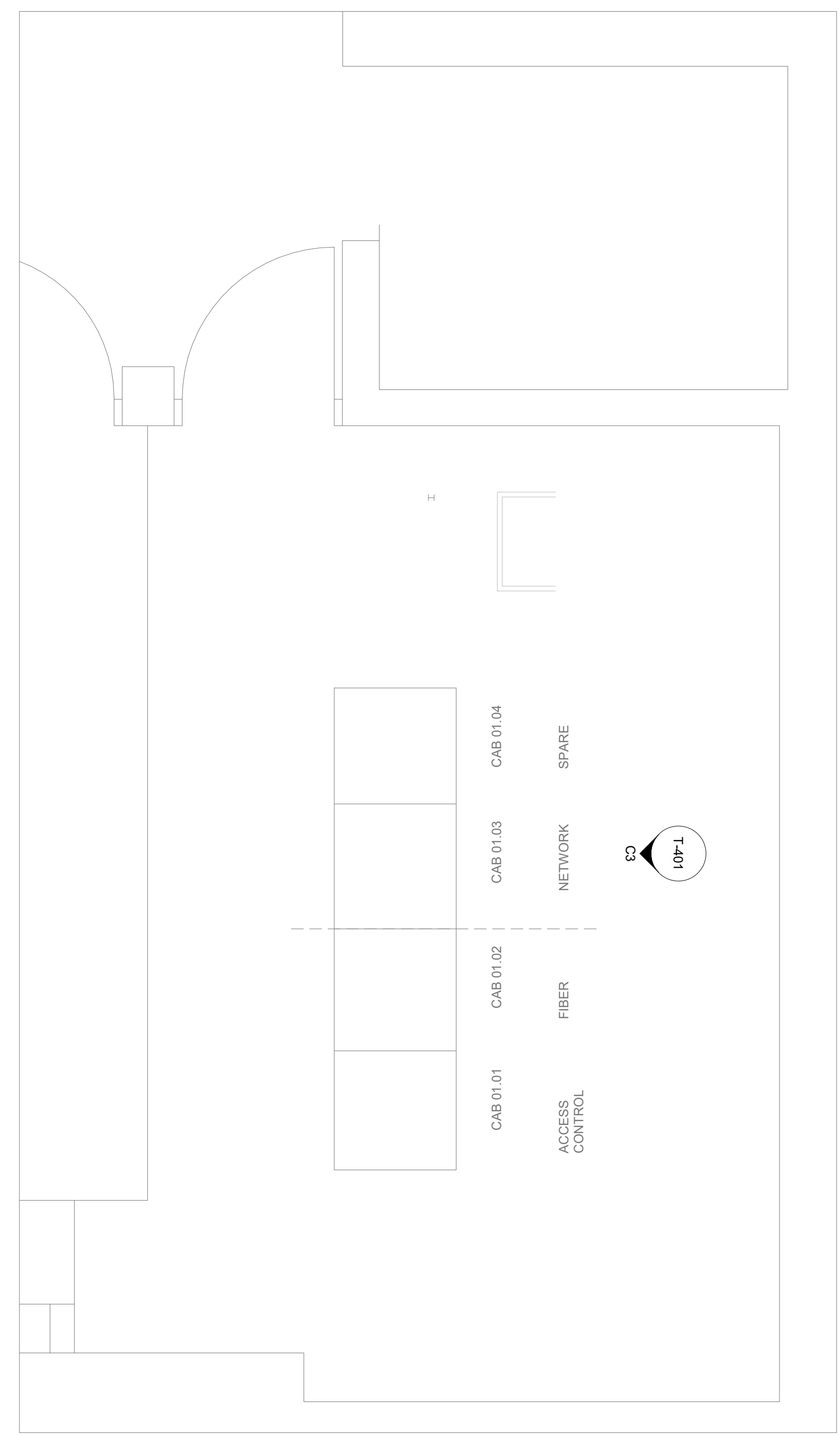
IFB ISSUED FOR BIDDING



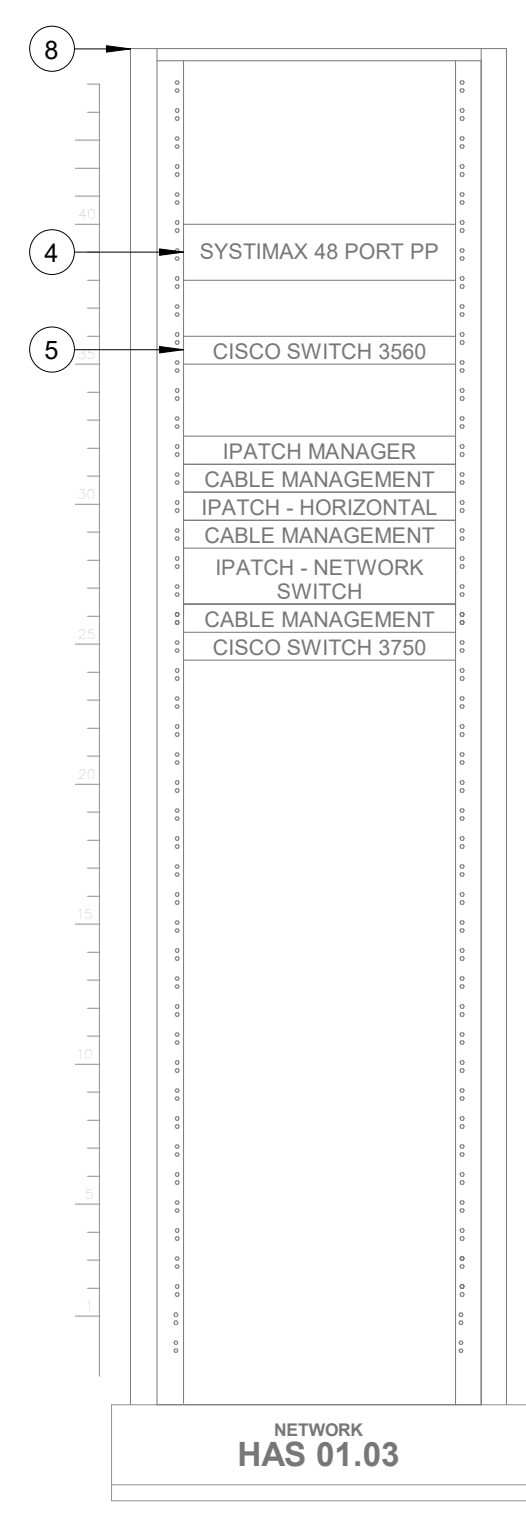
SHEET NAME: TECHNOLOGY - ENLARGED RR FLOOR PLANS - TERMINAL D
 SHEET No. T-102 SCALE: 1/4" = 1'-0"
 SHEET SIZE: 30"x42" ARCH E1

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

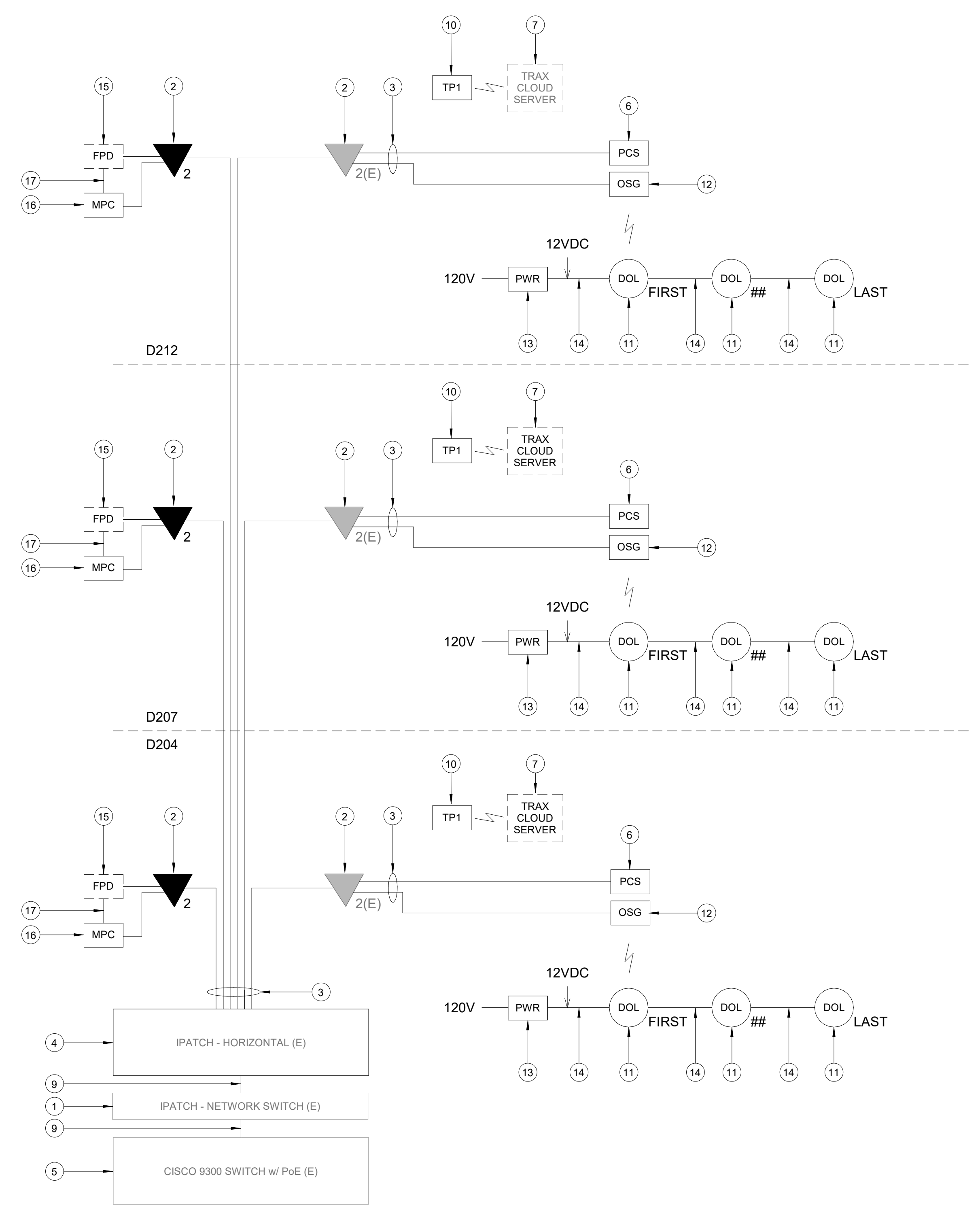
FILE PATH: BIM 360/1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acurana075v/k.rvt
HAS FILE:



A2 TERMINAL CD CONNECTOR - IDF CNE 173
SCALE: 1/8" = 1'-0"



C3 IDF CNE 173 - CABINET/RACK ELEVATIONS
SCALE: 1" = 1'-0"



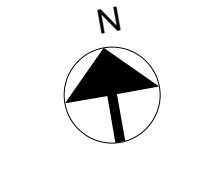
B1 IDF CNE 173 - ONE LINE DIAGRAM
SCALE: NTS

GENERAL NOTES

- TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
- REFER TO GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SHEETS FOR ADDITIONAL INFORMATION.
- COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
- SCREENED DEVICES DENOTE EXISTING.
- TURN OVER ANY DEMO TECHNOLOGY DEVICES TO HAS IT.

KEYED NOTES

- IPATCH COPPER PATCH PANEL, NETWORK SWITCH. (E)
- CATEGORY 6 DATA RECEPTACLE.
- CATEGORY 6 CABLES.
- IPATCH COPPER PATCH PANEL, HORIZONTAL. (E)
- CISCO 9300 NETWORK SWITCH. (E)
- PASSENGER COUNT SENSOR, XOVIS PC2-S. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- TRAX CLOUD SERVER, LOCATED OFFSITE.
- EQUIPMENT RACK '01.03' (E), REFERENCE DETAIL 'C3' ON THIS SHEET.
- CATEGORY 6 PATCH CORDS.
- TABLET, SAMSUNG GALAXY A7 LTE. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY-CHAINED NOT SHOWN, REFERENCE SHEET T-101.
- BATHROOM STALL OCCUPANCY LIGHT GATEWAYS, ZURN ZGW-WRP-W1-ETH. LOCATED IN RESTROOM CLOSET RECS, REFERENCE SHEET T-101.
- BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRSUP-W1. MUST BE HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS.
- PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS.
- FLAT PANEL DISPLAY. NOT IN SCOPE, FOR REFERENCE ONLY, ITRIP PROGRAM DEVICE.
- MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- HDMI CABLE.



3701 North Terminal Road
Houston, TX 77032
**TERMINAL D RESTROOM
RENOVATIONS**

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. OSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

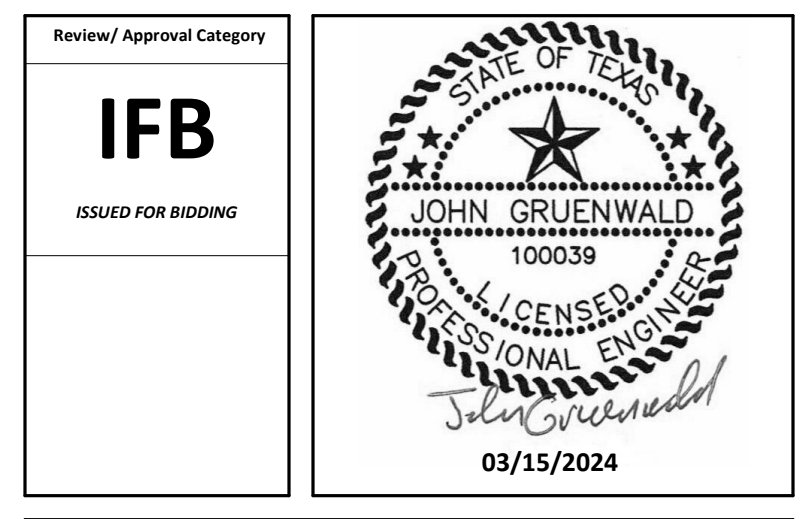


DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

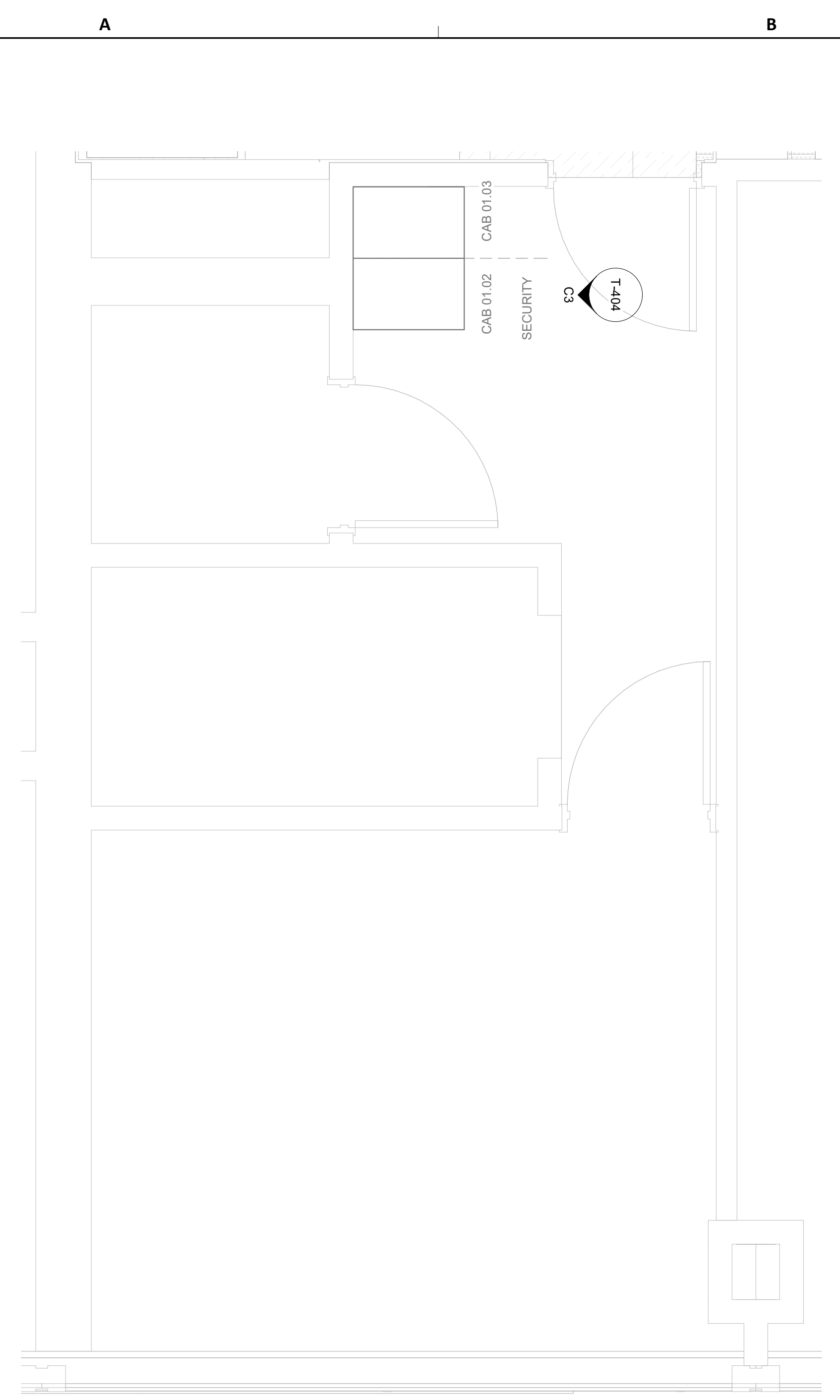


SHEET NAME: TECHNOLOGY - ENLARGED PLAN - IDF CNE 173
SHEET No. T-401 SCALE: As indicated

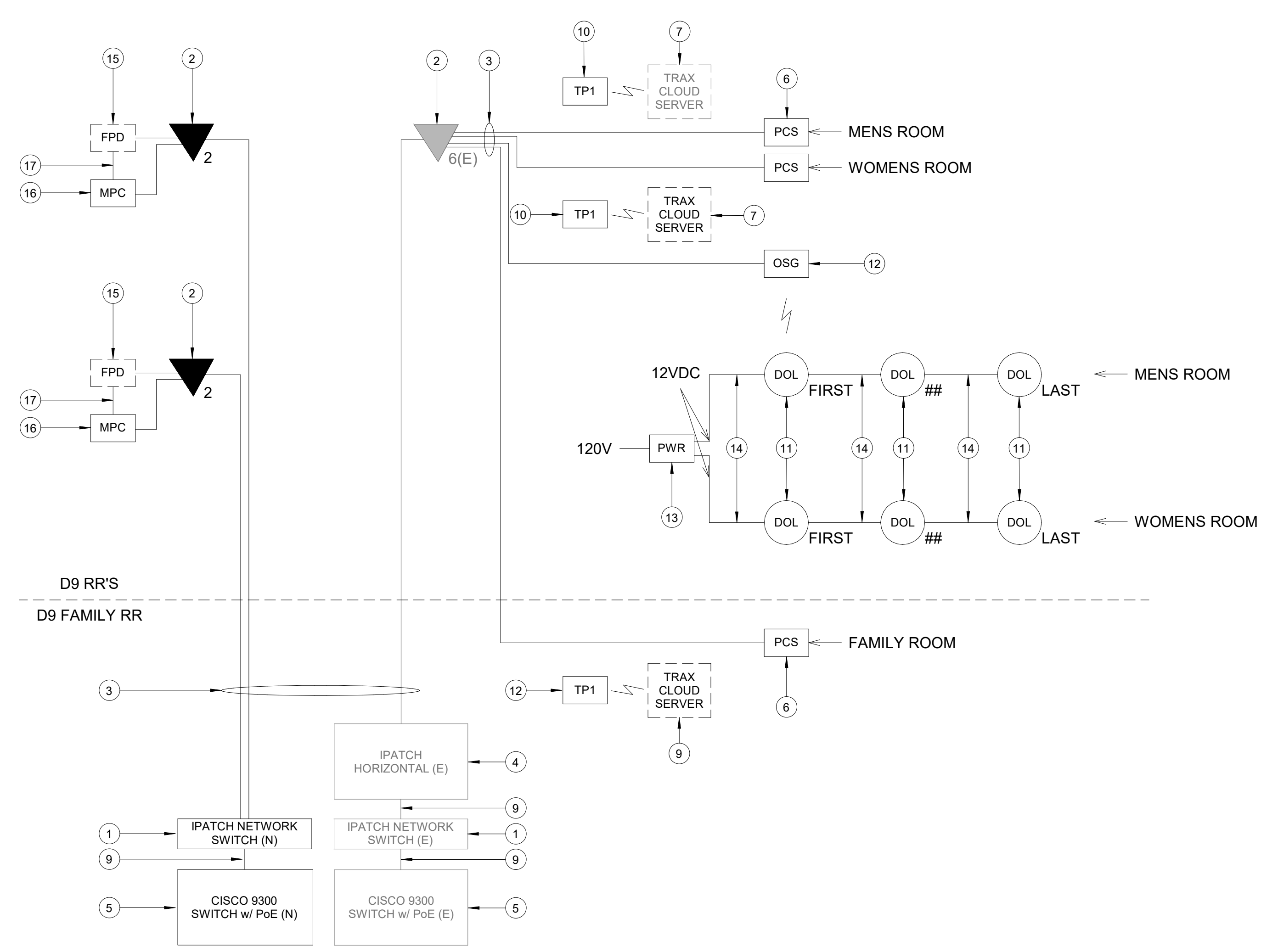
SHEET SIZE: 30"x42" ARCH E1

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

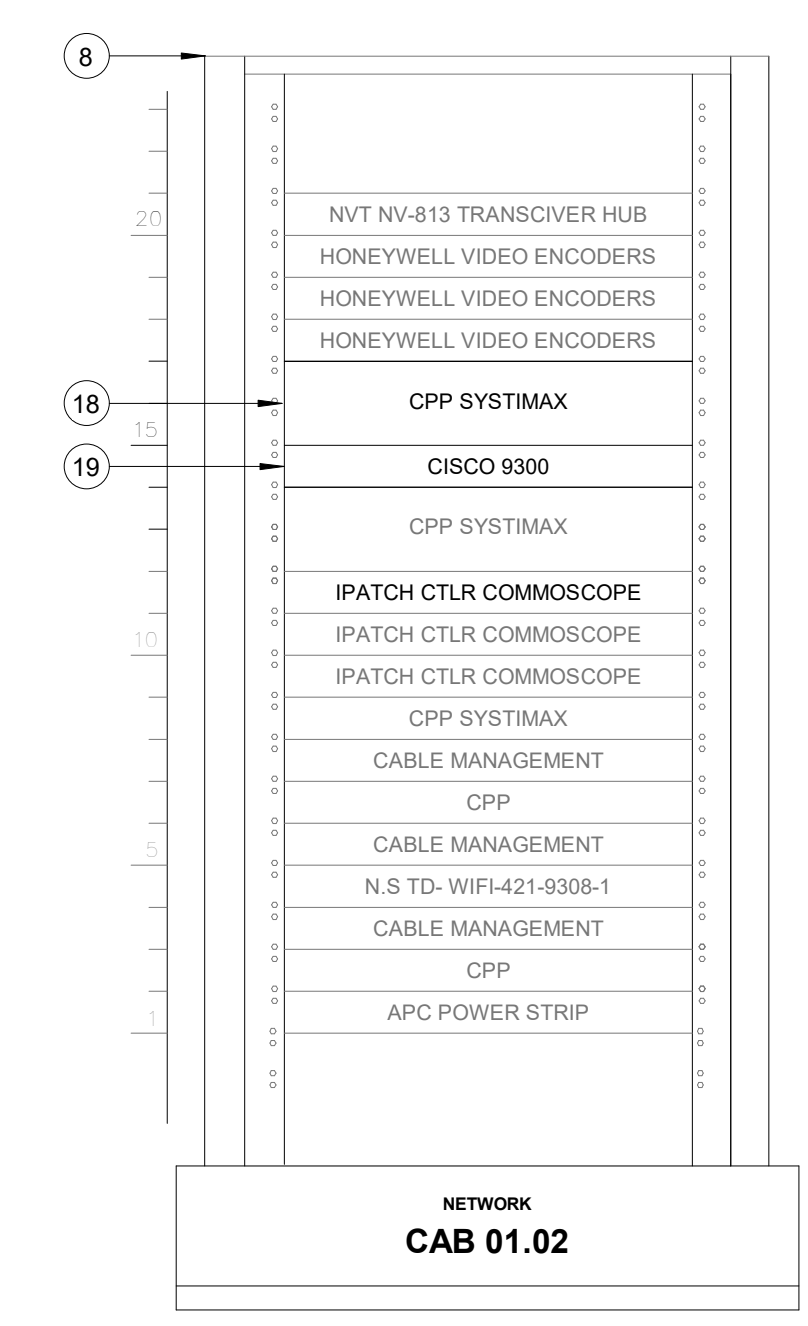
FILE PATH: BIM 360/1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acurana075vk.rvt
HAS FILE:



A2 TERMINAL D DEPARTURE - IDF 421
SCALE: 1/2" = 1'-0"



A1 IDF 421 - ONE LINE DIAGRAM
SCALE: NTS



C3 IDF 421 - CABINET/RACK ELEVATIONS
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

- TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
- REFER TO GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS SHEETS FOR ADDITIONAL INFORMATION.
- COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
- SCREENED DEVICES DENOTE EXISTING.
- TURN OVER ANY DEMO'D TECHNOLOGY DEVICES TO HAS IT.

KEYED NOTES

- IPATCH COPPER PATCH PANEL, NETWORK SWITCH. (E)
- CATEGORY 6 DATA RECEPTACLE.
- CATEGORY 6 CABLES.
- IPATCH COPPER PATCH PANEL, HORIZONTAL. (E)
- CISCO 9300 NETWORK SWITCH. (E)
- PASSENGER COUNT SENSOR, XOVIS PC2-S. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- TRAX CLOUD SERVER, LOCATED OFFSITE.
- EQUIPMENT RACK '01.01' (E), REFERENCE DETAIL 'C3' ON THIS SHEET.
- CATEGORY 6 PATCH CORDS.
- TABLET, SAMSUNG GALAXY A7 LTE. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY-CHAINED NOT SHOWN, REFERENCE SHEET T-102.
- BATHROOM STALL OCCUPANCY LIGHT GATEWAYS, ZURN ZGW-WRP-W1-ETH. LOCATED IN RESTROOM CLOSET RECS, REFERENCE SHEET T-102.
- BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRUP-W1. MUST BE HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS.
- PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS.
- FLAT PANEL DISPLAY. NOT IN SCOPE. FOR REFERENCE ONLY. ITRIP PROGRAM DEVICE.
- MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- HDMI CABLE.
- CISCO 9300 NETWORK SWITCH. (N)
- IPATCH COPPER PATCH PANEL, NETWORK SWITCH. (N)

HOUSTON AIRPORTS
3701 North Terminal Road
Houston, TX 77032
TERMINAL D RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-C02-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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

JONES ENGINEERS, L.P.

HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800
Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com

PGA ENGINEERS, INC
1838 N Sam Houston Pkwy, Ste. 550
Houston, TX 77058
346.570.2418
pgae.com
TBP# FRM #12493

DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING

STATE OF TEXAS
LICENSED PROFESSIONAL ENGINEER
109039
John Gruenwald
03/15/2024

SHEET NAME: TECHNOLOGY - ENLARGED PLAN - IDF 421
SHEET No. T-402 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

C.I.P. No.	PN971	A.I.P. No.	
C.O.H. No.		D.O.A. No.	
B.S.G. No.	BSG-2022-139-IAH	H.A.S. No.	
ITRP T.I.P. No.	ITRP-C02-F-001		

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers
2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

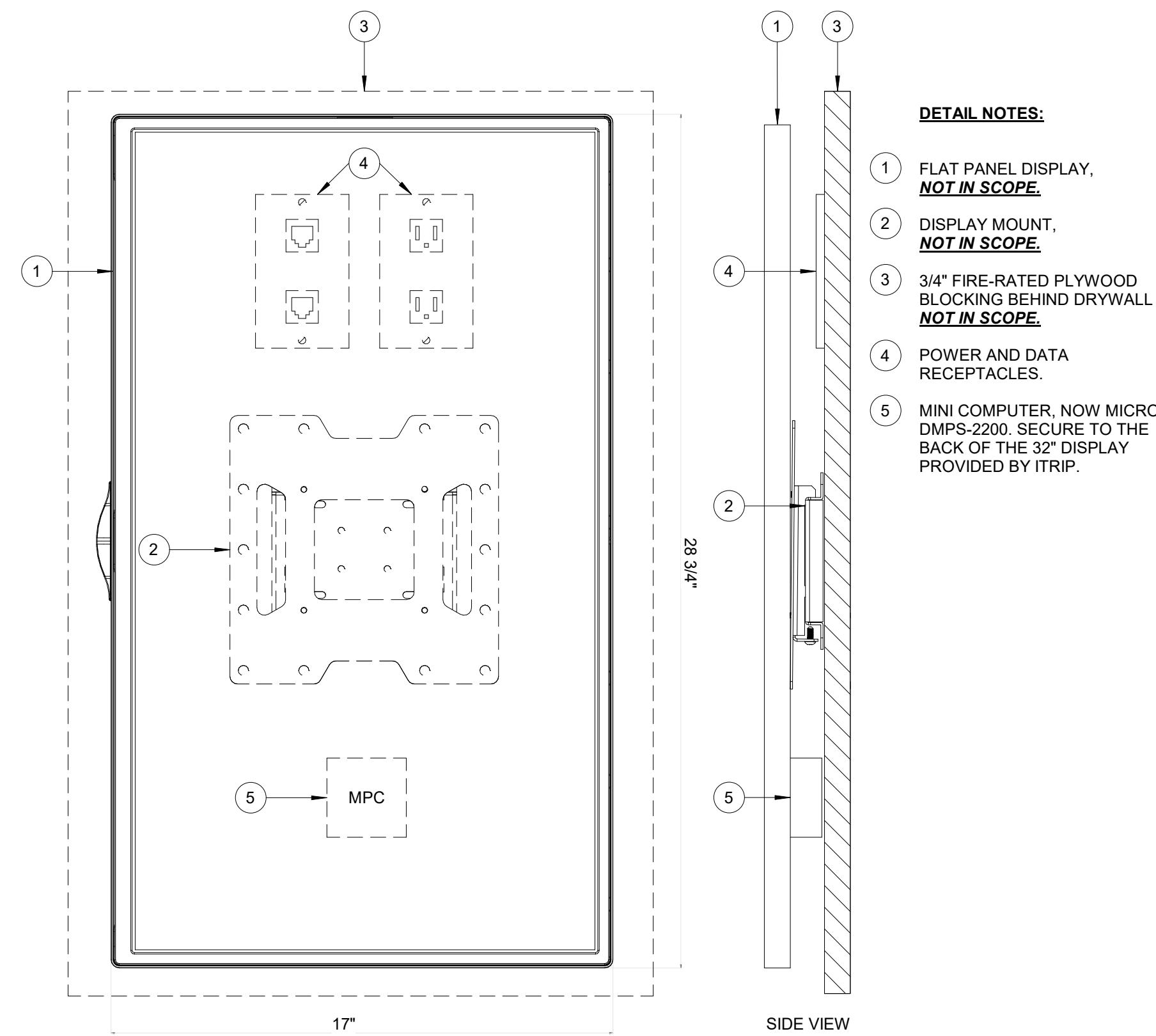
REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

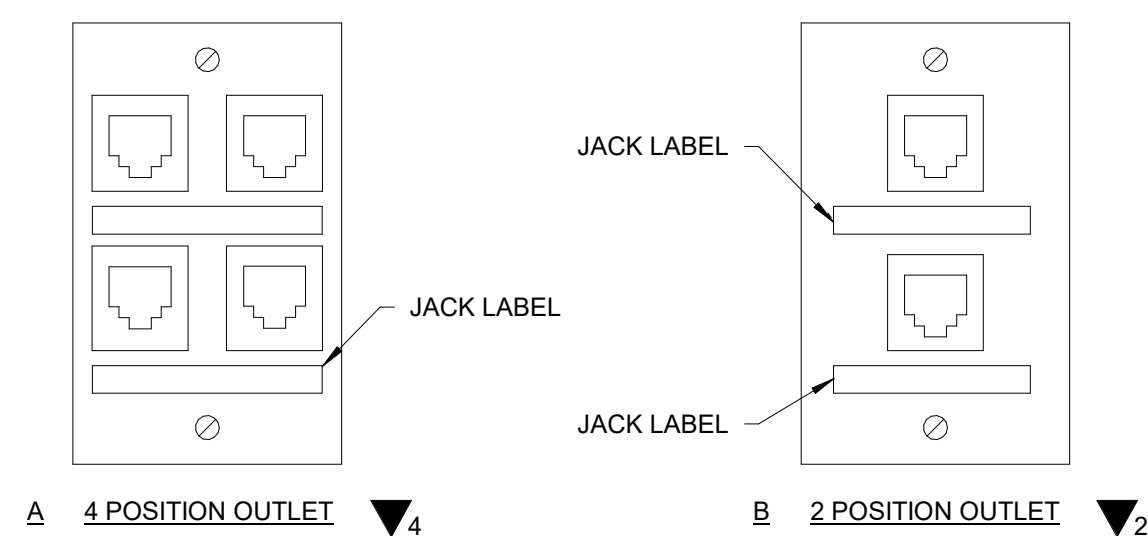
<p>Review/Approval Category</p> <p>IFB</p> <p>ISSUED FOR BIDDING</p>	
---	--

SHEET NAME: TECHNOLOGY - EQUIPMENT DETAILS
SHEET No. T-500 SCALE: As indicated
SHEET SIZE: 30"x42" ARCH E1

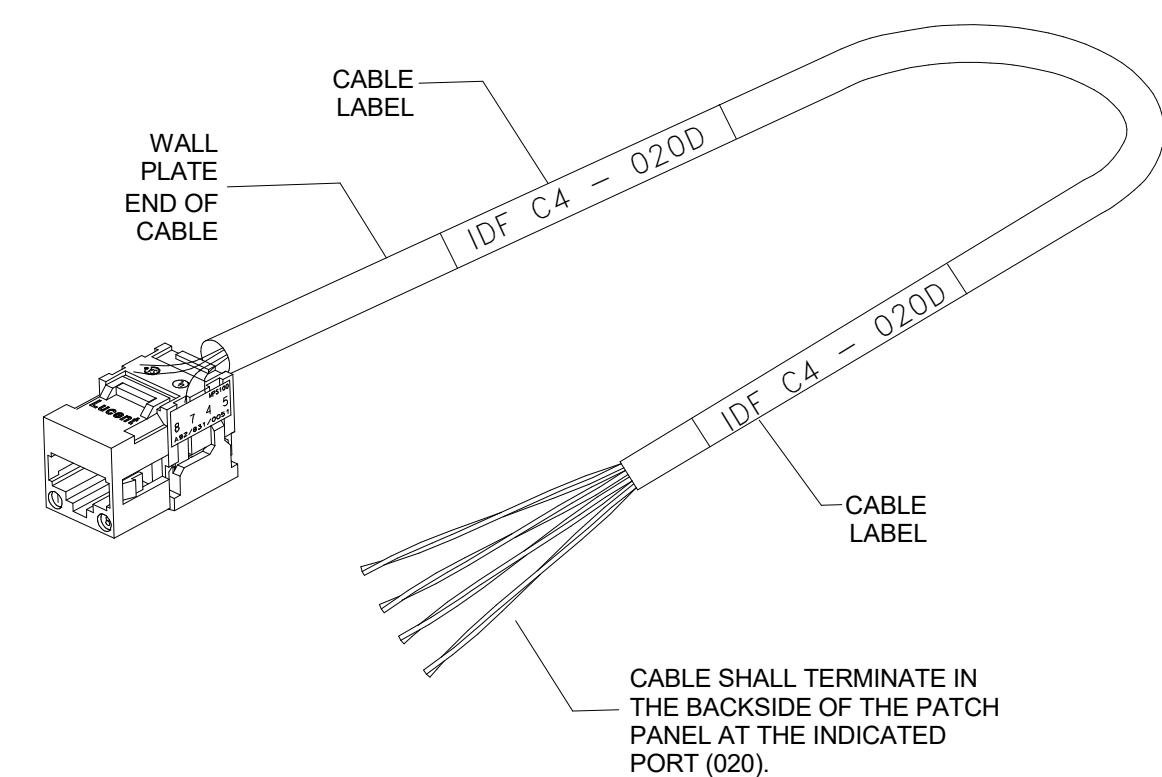


- DETAIL NOTES:**
- 1 FLAT PANEL DISPLAY, **NOT IN SCOPE.**
 - 2 DISPLAY MOUNT, **NOT IN SCOPE.**
 - 3 3/4" FIRE-RATED PLYWOOD BLOCKING BEHIND DRYWALL, **NOT IN SCOPE.**
 - 4 POWER AND DATA RECEPTACLES.
 - 5 MINI COMPUTER, NOW MICRO DMPS-2200. SECURE TO THE BACK OF THE 32" DISPLAY PROVIDED BY ITRIP.

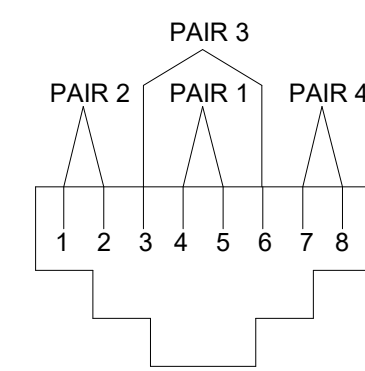
A3 ITRIP PROJECT FLAT PANEL DISPLAY WITH MOUNT
SCALE: NTS



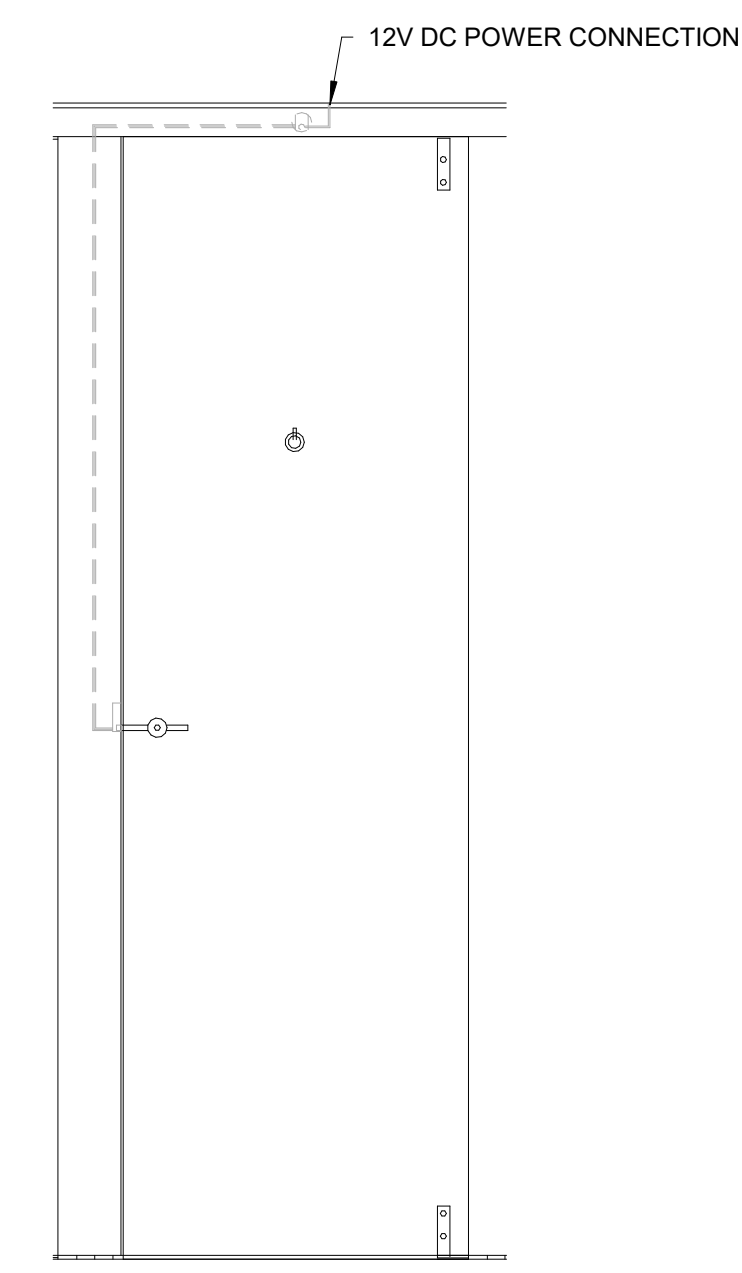
A2 COVERPLATE DETAIL
SCALE: NTS



A1 CABLE LABEL DETAIL
SCALE: NTS



B1 TERMINATION DETAIL
SCALE: NTS



D1 STALL SENSOR DETAIL
SCALE: NTS

FILE PATH: BIM 360//1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acurana075vk.rvt
 PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: HAS FILE:


TECHNOLOGY SCHEDULE CD CONNECTOR				
DEVICE ID	LOCATION	MANUFACTURER	MODEL	COMMENTS
BTP.01	D204	KONTAKT.IO	ANCHOR BEACON 2	
BTP.02	D204	KONTAKT.IO	ANCHOR BEACON 2	
BTP.03	D207	KONTAKT.IO	ANCHOR BEACON 2	
BTP.04	D207	KONTAKT.IO	ANCHOR BEACON 2	
BTP.05	D212	KONTAKT.IO	ANCHOR BEACON 2	
BTP.06	D212	KONTAKT.IO	ANCHOR BEACON 2	
MPC.01	D204	BY TRAX	BY TRAX	
MPC.02	D207	BY TRAX	BY TRAX	
MPC.03	D212	BY TRAX	BY TRAX	
OSG.01	D204	BY TRAX	BY TRAX	
OSG.02	D207	BY TRAX	BY TRAX	
OSG.03	D212	BY TRAX	BY TRAX	
OSL.01	D204	BY TRAX	BY TRAX	
OSL.02	D204	BY TRAX	BY TRAX	
OSL.03	D204	BY TRAX	BY TRAX	
OSL.04	D204	BY TRAX	BY TRAX	
OSL.05	D204	BY TRAX	BY TRAX	
OSL.06	D204	BY TRAX	BY TRAX	
OSL.07	D204	BY TRAX	BY TRAX	
OSL.08	D204	BY TRAX	BY TRAX	
OSL.09	D207	BY TRAX	BY TRAX	
OSL.10	D207	BY TRAX	BY TRAX	
OSL.11	D207	BY TRAX	BY TRAX	
OSL.12	D207	BY TRAX	BY TRAX	
OSL.13	D207	BY TRAX	BY TRAX	
OSL.14	D212	BY TRAX	BY TRAX	
OSL.15	D212	BY TRAX	BY TRAX	
OSL.16	D212	BY TRAX	BY TRAX	
OSL.17	D212	BY TRAX	BY TRAX	
OSL.18	D212	BY TRAX	BY TRAX	
OSL.19	D212	BY TRAX	BY TRAX	
OSL.20	D212	BY TRAX	BY TRAX	
PCS.01	D204	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.02	D207	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.03	D212	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
SP1.01	D204	JBL	CONTROL 24CT	
SP1.02	D204	JBL	CONTROL 24CT	
SP1.03	D204	JBL	CONTROL 24CT	
SP1.04	D207	JBL	CONTROL 24CT	
SP1.05	D207	JBL	CONTROL 24CT	
SP1.06	D207	JBL	CONTROL 24CT	
SP1.07	D212	JBL	CONTROL 24CT	
SP1.08	D212	JBL	CONTROL 24CT	
SP1.09	D212	JBL	CONTROL 24CT	
TP1.01	D204	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.02	D207	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.03	D212	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE

A1 EQUIPMENT SCHEDULE - CD CONNECTOR
SCALE: 1/16" = 1'-0"

TECHNOLOGY SCHEDULE TERMINAL D				
DEVICE ID	LOCATION	MANUFACTURER	MODEL	COMMENTS
BTP.07	D404	KONTAKT.IO	ANCHOR BEACON 2	
BTP.08	D404	KONTAKT.IO	ANCHOR BEACON 2	
BTP.09	D405	KONTAKT.IO	ANCHOR BEACON 2	
BTP.10	D405	KONTAKT.IO	ANCHOR BEACON 2	
BTP.11	D408	KONTAKT.IO	ANCHOR BEACON 2	
BTP.12	D408	KONTAKT.IO	ANCHOR BEACON 2	
BTP.13	D7 WOMENS	KONTAKT.IO	ANCHOR BEACON 2	
BTP.14	D7 WOMENS	KONTAKT.IO	ANCHOR BEACON 2	
BTP.15	D9 FAMILY	KONTAKT.IO	ANCHOR BEACON 2	
BTP.16	D9 WOMENS	KONTAKT.IO	ANCHOR BEACON 2	
BTP.17	D9 WOMENS	KONTAKT.IO	ANCHOR BEACON 2	
BTP.18	D9 MENS	KONTAKT.IO	ANCHOR BEACON 2	
BTP.19	D9 MENS	KONTAKT.IO	ANCHOR BEACON 2	
CPP.01	D9 IDF 421	COMMSCOPE	SEE SPECIFICATIONS	
MPC.04	D404	BY TRAX	BY TRAX	
MPC.05	D405	BY TRAX	BY TRAX	
MPC.06	D408	BY TRAX	BY TRAX	
MPC.07	D7 WOMENS	BY TRAX	BY TRAX	
MPC.08	D9 WOMENS	BY TRAX	BY TRAX	
MPC.09	D9 MENS	BY TRAX	BY TRAX	
NET.01	D9 IDF 421	CISCO	SEE SPECIFICATIONS	
OSG.04	D404	BY TRAX	BY TRAX	
OSG.05	D405	BY TRAX	BY TRAX	
OSG.06	D408	BY TRAX	BY TRAX	
OSG.07	D7 WOMENS	BY TRAX	BY TRAX	
OSG.08	D9 MENS	BY TRAX	BY TRAX	
OSL.21	D404	ZURN	Z-LIGHT-W1	
OSL.22	D404	ZURN	Z-LIGHT-W1	
OSL.23	D404	ZURN	Z-LIGHT-W1	
OSL.24	D404	ZURN	Z-LIGHT-W1	
OSL.25	D404	ZURN	Z-LIGHT-W1	
OSL.26	D404	ZURN	Z-LIGHT-W1	
OSL.27	D404	ZURN	Z-LIGHT-W1	
OSL.28	D405	ZURN	Z-LIGHT-W1	
OSL.29	D405	ZURN	Z-LIGHT-W1	
OSL.30	D405	ZURN	Z-LIGHT-W1	
OSL.31	D408	ZURN	Z-LIGHT-W1	
OSL.32	D408	ZURN	Z-LIGHT-W1	
OSL.33	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.34	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.35	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.36	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.37	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.38	D7 WOMENS	ZURN	Z-LIGHT-W1	
OSL.39	D9 WOMENS	BY TRAX	BY TRAX	
OSL.40	D9 WOMENS	BY TRAX	BY TRAX	
OSL.41	D9 WOMENS	BY TRAX	BY TRAX	
OSL.42	D9 WOMENS	BY TRAX	BY TRAX	
OSL.43	D9 WOMENS	BY TRAX	BY TRAX	
OSL.44	D9 WOMENS	BY TRAX	BY TRAX	
OSL.45	D9 WOMENS	BY TRAX	BY TRAX	
OSL.46	D9 WOMENS	BY TRAX	BY TRAX	
OSL.47	D9 WOMENS	BY TRAX	BY TRAX	
OSL.48	D9 WOMENS	BY TRAX	BY TRAX	
OSL.49	D9 WOMENS	BY TRAX	BY TRAX	
OSL.50	D9 MENS	BY TRAX	BY TRAX	
OSL.51	D9 MENS	BY TRAX	BY TRAX	
OSL.52	D9 MENS	BY TRAX	BY TRAX	
OSL.53	D9 MENS	BY TRAX	BY TRAX	
OSL.54	D9 MENS	BY TRAX	BY TRAX	
OSL.55	D9 MENS	BY TRAX	BY TRAX	
OSL.56	D9 MENS	BY TRAX	BY TRAX	
PCS.04	D404	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.05	D405	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.06	D408	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.07	D7 WOMENS	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.08	D9 FAMILY	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.09	D9 WOMENS	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
PCS.10	D9 MENS	BY TRAX	BY TRAX	FASTEN TO CEILING WITH APPROVED MOUNTING HARDWARE
TP1.04	D404	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.05	D405	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.06	D408	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.07	D7 WOMENS	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.08	D9 FAMILY	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.09	D9 WOMENS	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE
TP1.10	D9 MENS	BY TRAX	BY TRAX	FASTEN TO WALL WITH APPROVED MOUNTING HARDWARE

C2 EQUIPMENT SCHEDULE - TERMINAL D
SCALE: 1/16" = 1'-0"

FILE PATH: BIM 360/1429.12 Terminal D Restrooms/2021.010 - RDLR (IAH TERMINAL D RESTROOMS)_acruanaU5V/K.rvt
 HAS FILE:
 PLOT DATE:
 OLD DDA No.:
 DDA DWG FILE:
 PLOT DATE:



3701 North Terminal Road
Houston, TX 77032

TERMINAL D RESTROOM RENOVATIONS

C.I.P. No. PN971 A.I.P. No.
C.O.H. No. D.O.A. No.
B.S.G. No. BSG-2022-139-IAH H.A.S. No.
ITRP T.I.P. No. ITRP-CO2-F-001

RDLR Architects
ARCHITECTURE PLANNING INTERIORS

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



HENDERSON ROGERS
structural engineers

2603 Augusta, Suite 800 Houston, Texas 77057
713.430.5800 713.430.5888 fax
www.hendersonrogers.com



DESIGNER PROJECT No.:
PROJECT STATUS: **IFB**

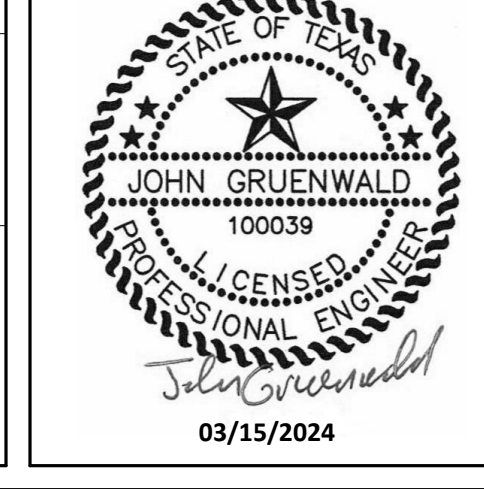
REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: PGA
DRAWN BY: AC
CHECKED BY: JG
ISSUE DATE: 03/15/2024
APPROVED BY: JOHN GRUENWALD
APPROVAL DATE: 03/15/2024

DIRECTOR
of
HOUSTON AIRPORT SYSTEM

IFB
ISSUED FOR BIDDING



SHEET NAME: TECHNOLOGY - EQUIPMENT SCHEDULES
SHEET No. T-600 SCALE: 1/16" = 1'-0"
SHEET SIZE: 30"x42" ARCH E1