



3701 North Terminal Rd  
Houston, Texas 77032

**IAH TERMINAL D - STERILE  
CORRIDOR**

C.I.P. No. **PN209A** A.I.P. No.  
C.O.H. No. D.O.A. No.

**RDLR Architects**

ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON  
ROGERS**

structural engineers

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

**REVISIONS**

No.	DESCRIPTION	DATE	BY

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DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/Approval Category <b>IFB</b> ISSUED FOR BIDDING	
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SHEET NAME: COVER SHEET

SHEET No. G-000 SCALE:

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JOHN WHITMIRE

**CITY COUNCIL MEMBERS**

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TARSHA JACKSON - DISTRICT B

ABBIE KAMIN - DISTRICT C

CAROLYN EVANS-SHABAZZ - DISTRICT D

FRED FLICKINGER - DISTRICT E

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MARIO CASTILLO - DISTRICT H



**CONTROLLER**

CHRIS HOLLINS

**CITY COUNCIL MEMBERS**

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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

# IAH TERMINAL D - STERILE CORRIDOR

AT

# GEORGE BUSH INTERCONTINENTAL AIRPORT

TIP XX-XXX-XXX  
BSG XXXX-XXX-XXX

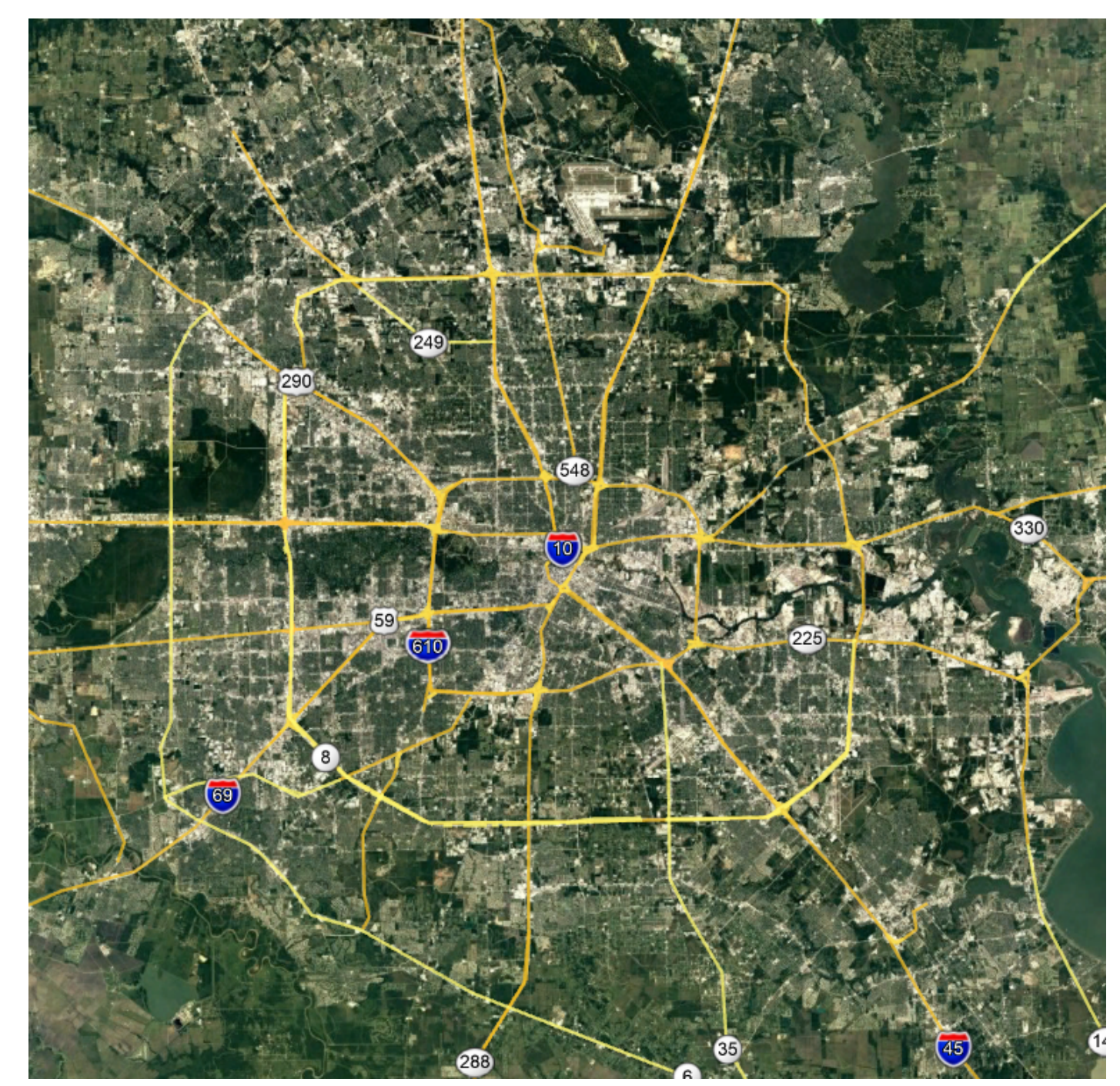
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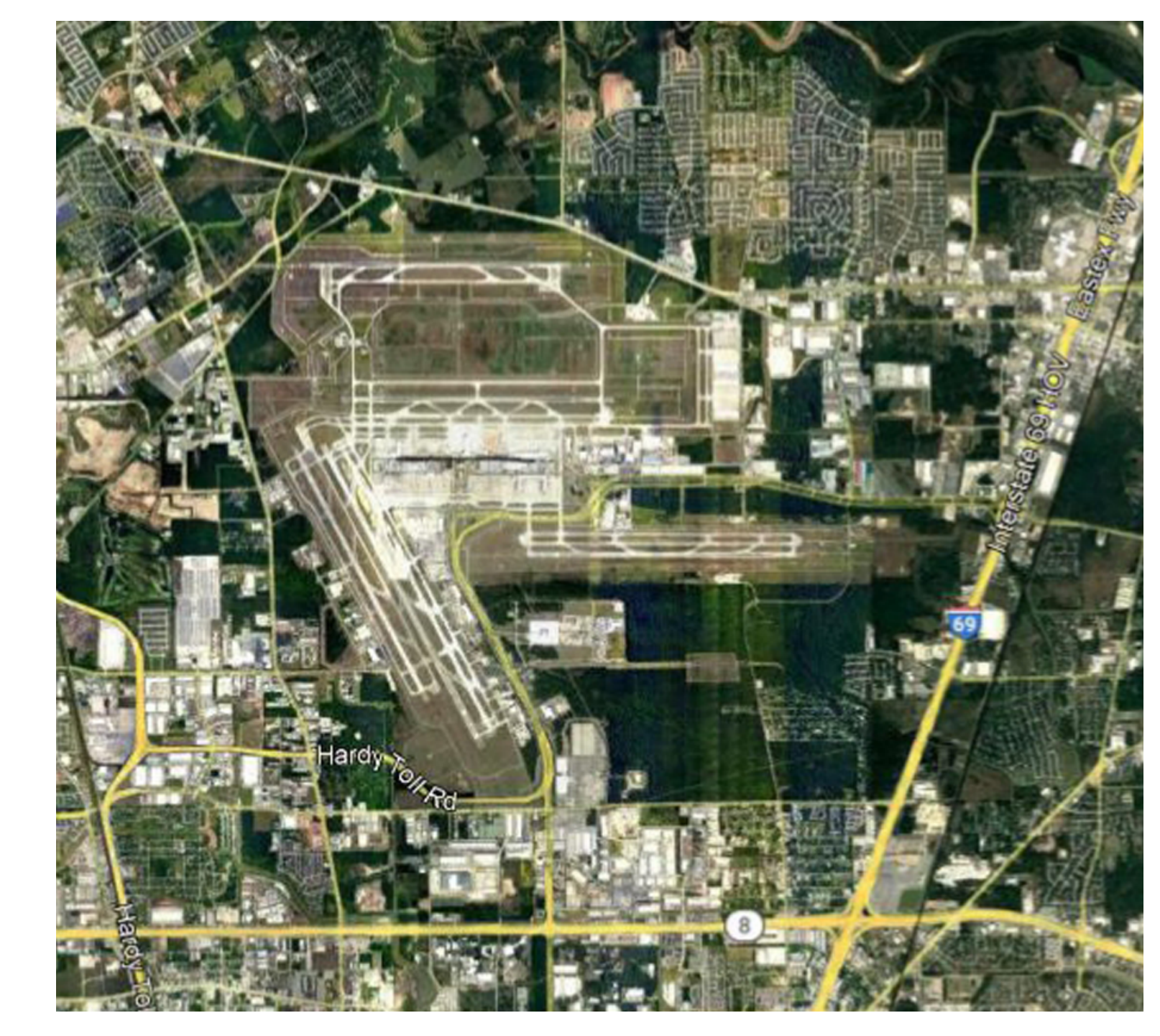
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# HOUSTON AIRPORT SYSTEM

**JAMES SZCZESNIAK - DIRECTOR**



AREA MAP - N.T.S.



VICINITY MAP - N.T.S.

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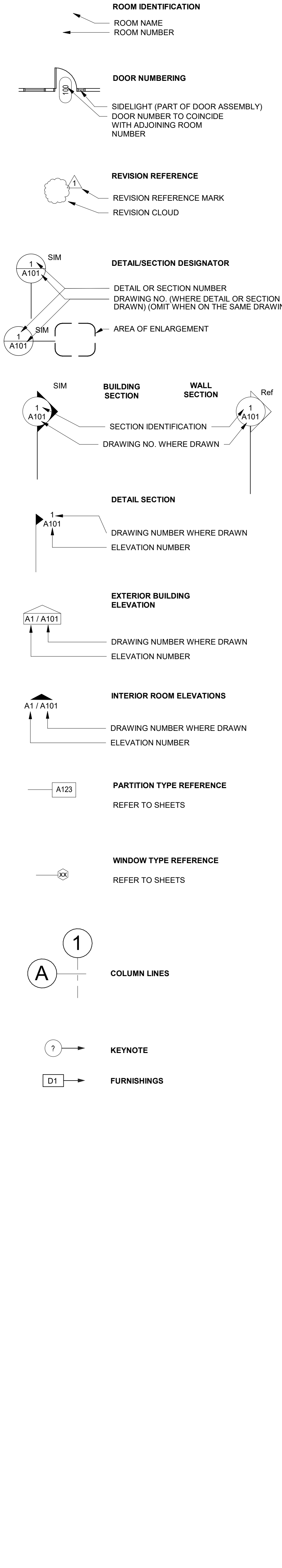
**ARCHITECTURAL ABBREVIATIONS**

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

**MATERIAL INDICATIONS**

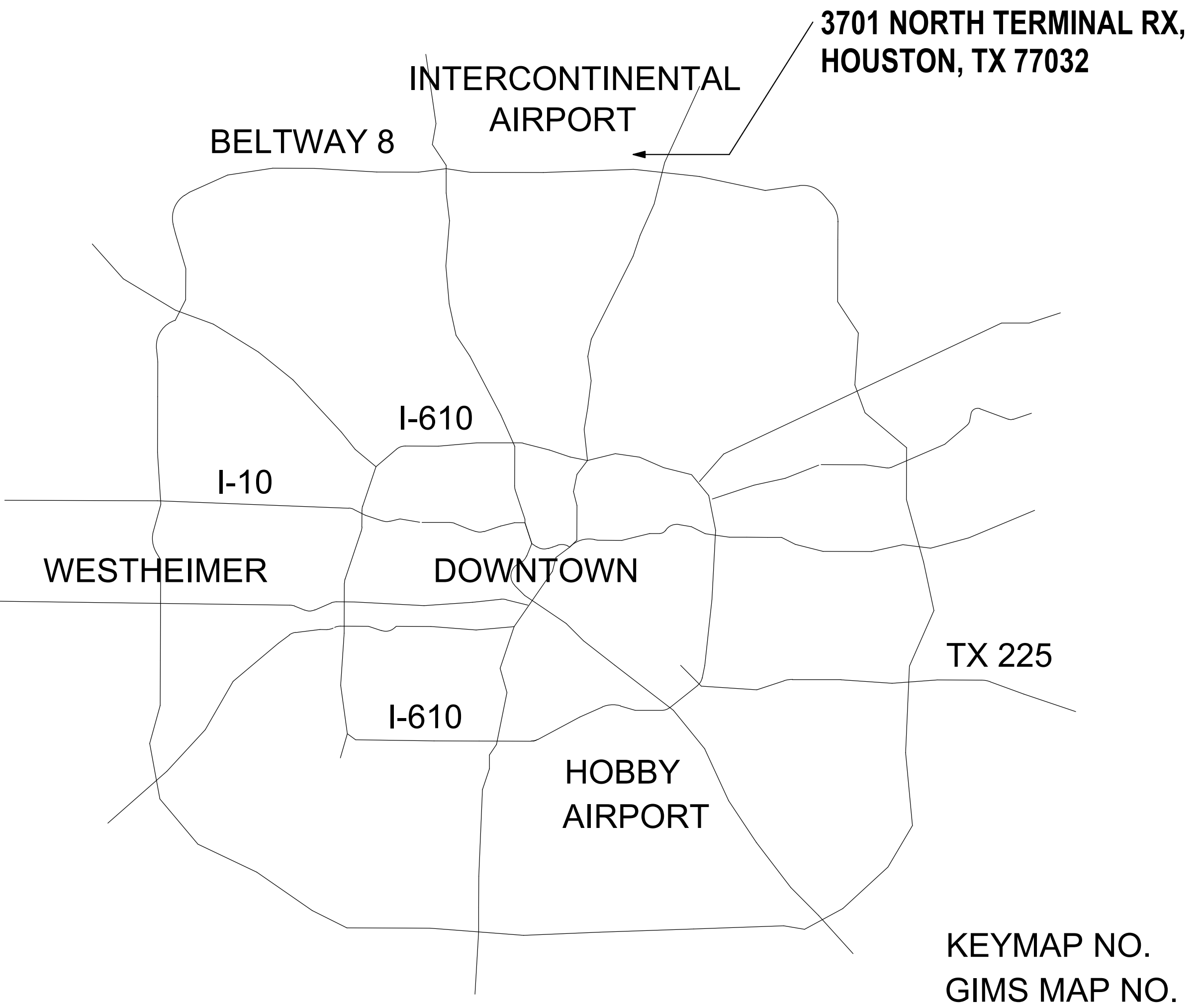
SECTION	ELEVATION
	CONCRETE
	PRECAST CONCRETE
	CMU
	BRICK
	CAST/CUT STONE
	NATURAL STONE
	STEEL
	ALUMINUM
	BRASS/BRONZE
	FINISHED WOOD
	EXTERIOR PLASTER AND LATHE
	CERAMIC/QUARRY TILE
	GLASS/MIRROR
	EARTH
	GRAVEL
	SAND
	CONT. WOOD BLOCKING
	DISCONT. WOOD BLOCKING
	PLYWOOD
	SPRAY APPLIED FIREPROOFING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

**ARCHITECTURAL SYMBOLS**



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**HOUSTON AIRPORTS**

3701 North Terminal Rd  
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**PGA ENGINEERS, INC.**

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DIRECTOR of HOUSTON AIRPORT SYSTEM

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SHEET NAME: SYMBOLS LEGEND, ABBREVIATIONS, SHEET INDEX & VICINITY MAP  
SHEET No. G-002 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

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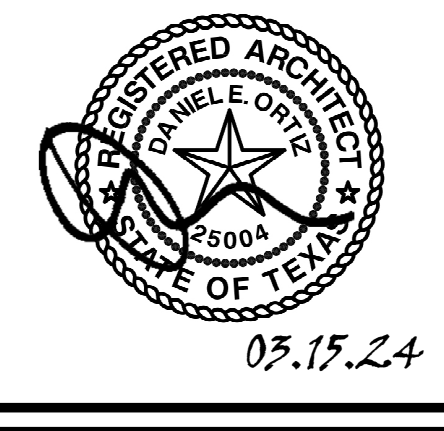
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of  
**HOUSTON AIRPORT SYSTEM**

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SHEET NAME: **GENERAL NOTES**  
SHEET No. **G-003** SCALE: **1:1**

SHEET SIZE: 30"x42" ARCH E1

**ELECTRICAL NOTES**

- ALL ELECTRICAL POWER OUTLETS SHALL BE COMMERCIAL GRADE IN ALL AREAS. 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 OWNER OR APPROVED REPRESENTATIVE.
- EXPOSED CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, UNIFORMLY SPACED, AND PARALLEL TO EXPOSED STRUCTURAL ELEMENTS.
- 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.
- NO UNDER SLAB CONDUIT SHALL EXTEND TO CEILING MOUNTED DEVICES UNLESS CONCEALED FROM VIEW.
- NO OVERHEAD OR CEILING MOUNTED CONDUIT SHALL EXTEND DOWN FROM THE CEILING TO FLOOR OR WALL UNLESS CONCEALED FROM VIEW.
- POWER DISTRIBUTION TO OVERHEAD LIGHTS AND OTHER OVERHEAD EQUIPMENT SHALL BE SUPPLIED BY CONDUIT RUNS PLACED IN THE CEILING. CEILING HOME RUNS LOCATED BELOW STEEL BEAMS AND WITHIN THE OPEN WEB JOIST CAVITY.
- NO CONDUIT SHALL BE PLACED ON ANY EXPOSED COLUMN SURFACES UNLESS SPECIFICALLY INDICATED WITHIN THE ARCHITECTURAL PLANS, OR SPECIFICALLY COORDINATED WITH THE OWNER OR APPROVED REPRESENTATIVE PRIOR TO INSTALLATION.
- EXPOSED CEILING CONDUITS SHALL BE GANGED TOGETHER WHEREVER POSSIBLE, AND SHALL BE ROUTED IN PLANS WHERE APPROPRIATE TO EXPOSED STRUCTURAL ELEMENTS. DIAGONAL ROUTING SHALL NOT BE ACCEPTED.
- THERE SHALL BE NO EXPOSED CONDUITS ON/OR SPANNING ACROSS SKYLIGHT AREAS OR CLERESTORY.
- EXPOSED CEILING CONDUIT SHALL BE INSTALLED STRAIGHT, LEVEL, AND UNIFORMLY SPACED.
- STRUCTURED CEILING SOFFITS SHALL HAVE POWER FED FROM CONCEALED CONDUITS WHICH EXTEND FROM THE PERIMETER WALL.

**LIGHTING GENERAL NOTES**

- SCHEDULED LIGHT FIXTURE ARE PROPRIETARY PRODUCTS AND SHALL BE INTERPRETED AS THE BASIS-OF-DESIGN. THE SCHEDULED FIXTURES SHALL TAKE PRIORITY OVER OTHER PRODUCTS SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS. ALTERNATIVE FIXTURES MAY BE USED IF EQUAL TO THE BASIS OF DESIGN. ALTERNATIVE FIXTURES SHALL MATCH THE PERFORMANCE, QUALITY, PROFILE, AND LAMPING OF THE BASIS-OF-DESIGN FIXTURE. CONTRACTOR SHALL CONSULT WITH OWNER OR APPROVED REPRESENTATIVE BEFORE PROCEEDING WITH AN ALTERNATIVE PRODUCT TO THAT WHICH IS SPECIFICALLY IDENTIFIED IN THE DRAWINGS.
- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL LIGHT FIXTURES, FIXTURE MOUNTING HEIGHTS, AND FIXTURE MOUNTING DETAILS. NOTIFY OWNER OR APPROVED REPRESENTATIVE OF ANY CONFLICTS BETWEEN THE INDICATED MOUNTING REQUIREMENTS AND THE MANUFACTURER'S RECOMMENDED INSTALLATION DETAILS PRIOR TO ORDERING AND PURCHASING OF FIXTURES.
- ALL FIXTURE FINISHES ARE TO BE VERIFIED WITH THE OWNER OR APPROVED REPRESENTATIVE.
- 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.
- SEE NOTE 7 ON THE REFLECTED CEILING PLAN NOTES.

**ACCESSIBILITY NOTES**

- 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.
- CIRCULATION AISLES AND PEDESTRIAN WAYS SHALL BE SIZED ACCORDING TO FUNCTIONAL REQUIREMENTS BUT SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH.
- EVERY PORTION OF EVERY BUILDING IN WHICH ARE INSTALLED SEATS, TABLES, MERCHANDISE, EQUIPMENT, OR SIMILAR MATERIALS SHALL BE PROVIDED WITH AISLES LEADING TO AN EXIT.
- 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.
- FREE STANDING OBJECTS MOUNTED ON POSTS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE FINISHED FLOOR.
- 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 36" CONTINUOUSLY.
- THE MINIMUM CLEAR WIDTH FOR 2 WHEELCHAIRS TO PASS SHALL BE 60"
- THE MINIMUM CLEAR WIDTH REQUIRED FOR A WHEELCHAIR TO TURN AROUND AN OBSTRUCTION SHALL BE 36" WHERE THE OBSTRUCTION IS 48" OR MORE IN LENGTH AND 42" WHERE THE OBSTRUCTION IS LESS THAN 48" IN LENGTH.
- CONTRACTOR SHALL NOTIFY ARCHITECT SHOULD ANY OF THE ABOVE GENERAL NOTES BE IN CONFLICT WITH THE TEXAS ACCESSIBILITY STANDARDS.

**REFLECTED CEILING PLAN NOTES**

- THE GENERAL NOTES HEREIN ADDRESS ARCHITECTURAL DESIGN INTENT FOR ALL BUILDING SYSTEM COMPONENTS INSTALLED ABOVE THE FLOOR AND WITHIN THE CEILING AREAS, INCLUDING MECHANICAL, ELECTRICAL, PLUMBING, AND FACELATE COLORS ARE TO BE VERIFIED WITH THE OWNER OR APPROVED REPRESENTATIVE. 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.
- 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.
- 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 OWNER OR APPROVED REPRESENTATIVE OF ANY REQUIRED VARIATIONS TO THE INDICATED DESIGN INTENT PRIOR TO SUBMITTING BIDS FOR THE WORK. PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
- ALL ACCESS HATCHES TO BE KEPT ALIKE.
- THE CONTRACTOR SHALL REFER TO THE CONTRACT DOCUMENTS 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, INCLUDING JUNCTION BOXES, PULL BOXES, CLEAN OUTS, VALVES, SWITCHES, ETC., WHERE THE EXPOSED MECHANICAL, ELECTRICAL OR PLUMBING COMPONENT IS IMPORTANT TO THE ARCHITECTURAL DESIGN INTENT, AND INDICATED ON THE ARCHITECTURAL PLANS. THE CONTRACTOR SHALL FOLLOW THE LAYOUTS INDICATED ON THE SPECIFIC MEP PLANS, BUT ONLY AFTER VERIFICATION FROM OWNER OR APPROVED REPRESENTATIVE.
- WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, INCLUDING THE QUANTITY OF FIXTURES INDICATED, THE CONTRACTOR SHALL ASK THE OWNER OR APPROVED REPRESENTATIVE IN WRITING FOR AN INTERPRETATION PRIOR TO PLACING A BID FOR THE WORK. OTHERWISE, THE LARGEST QUANTITY AND MOST EXPENSIVE PRODUCT INDICATED SHALL APPLY.
- 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 OWNER OR APPROVED REPRESENTATIVE OF ANY REQUIRED VARIATIONS TO THE INDICATED ARCHITECTURAL LAYOUTS PRIOR TO PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.
- NOTIFY OWNER OR APPROVED REPRESENTATIVE OF ANY VARIATIONS BETWEEN THE NOTES HEREIN AND DRAWINGS, DETAILS, OR SPECIFICATIONS PRIOR TO PURCHASING MATERIALS OR COMMENCEMENT OF SYSTEM INSTALLATION.

**HAS STANDARD**

- THIS PROJECT IS TO FOLLOW HOUSTON AIRPORT SYSTEM (HAS) STANDARDS FOR ALL DISCIPLINES. HAS STANDARDS CAN BE FOUND AT THE FOLLOWING URL: [HTTP://WWW.HOUSTONAIRPORTS.BIZ/TIP](http://www.houstonairports.biz/tip).
- ANY CONFLICTS BETWEEN HAS STANDARDS AND BID/CONSTRUCTION DOCUMENTS ARE TO BE BROUGHT TO THE ARCHITECTS ATTENTION VIA RFI.
- ANY FLOOR PENETRATION WILL NEED TO BE X-RAY AND 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**

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

**ARCHITECTURAL SYSTEMS AND FINISHES**

- COLORS INDICATED ON THE MATERIALS AND FINISH KEY ARE CUSTOM COLORS TO MATCH THE COLOR INDICATED. WILL NOT BE ACCEPTED UNLESS THOSE COLORS MATCH THE COLORS INDICATED. CONTRACTOR MAY USE ANY ACCEPTABLE ALTERNATE PAINT MANUFACTURER THAT CAN MATCH THE SPECIFIED COLOR.
- PROVIDE SHOP DRAWINGS FOR ARCHITECTURAL SYSTEMS & SIGNAGE. 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 TEXTURES. 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.
- WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED MATERIAL. PLATFORM WOOD FRAMING SHALL BE FIRE RETARDANT TREATED.
- 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.
- 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.
- INTERIOR PARTITIONS AND WALLS MORE THAN 6 FEET IN HEIGHT, INCLUDING THEIR FINISH MATERIALS SHALL HAVE ADEQUATE STRENGTH TO RESIST LOADS THEY ARE SUBJECTED TO BUT NOT LESS THAN 5 PSF. DEFLECTION LIMITS OF INTERIOR PARTITIONS AND WALLS (IBC 2012 TABLE 1604.3):  
360 FOR WALLS WITH STUCCO AND PLASTER FINISHES  
240 FOR OTHER BRITTLE FINISHES  
120 WITH FLEXIBLE FINISHES
- MISCELLANEOUS STUD FRAMING FOR SOFFITS AND OTHER ARCHITECTURAL ELEMENTS ARE INDICATED FOR GENERAL DESIGN INTENT AND PROFILE ONLY. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AND FRAMING AS NECESSARY TO MEET THE DESIGN AND DEFLECTION CRITERIA.
- INTERIOR WALL, SOFFIT, AND CEILING FRAMING SHALL MEET A MINIMUM OF 5 PSF WIND LOAD AND L240 DEFLECTION DESIGN CRITERIA. INTERIOR ELEVATOR OR MECHANICAL SHAFT FRAMING SHALL MEET A MINIMUM OF 10 PSF WIND LOAD AND L240 DEFLECTION DESIGN CRITERIA. EXTERIOR OR STRUCTURAL FRAMING SHALL MEET SPECIFIC DESIGN CRITERIA SPECIFIED ELSEWHERE IN THE DOCUMENTS.
- GYP. BOARD CONTROL JOINTS ARE INDICATED FOR GENERAL DESIGN INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR INSTALLING CONTROL JOINTS TO COMPLY W/ ASTM C840. ALL CONTROL JOINT LOCATIONS ARE TO BE VERIFIED IN THE FIELD WITH THE OWNER OR APPROVED REPRESENTATIVE PRIOR TO INSTALLATION.
- 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**

- 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.
- ALL EXPOSED STEEL RAILINGS SHALL BE PAINTED WITH A HIGH-PERFORMANCE COATING, EXCEPT FOR STAINLESS STEEL HANDRAILS.
- 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.
- 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:
  - MISCELLANEOUS STEEL SUPPORTS
  - CLOSURE PLATES ON EXPOSED STEEL PROFILES
  - LAVATORY SUPPORTS
  - PARTIAL HEIGHT WALL PARTITIONS
  - CEILING MOUNTED PARTITIONS
  - CEILING MOUNTED EQUIPMENT
  - CUSTOM MILLWORK

**REVEAL TRIM DESIGN**

- THE ENLARGED ELEVATIONS, SECTIONS, AND DETAILS INDICATE TYPICAL REVEALS AT THE INTERFACE BETWEEN ADJOINING MATERIALS, AND AT INTERSECTING PLANES SUCH AS HORIZONTAL TO VERTICAL.
- 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.
- EXTRUDED REVEAL TRIM SHALL BE PAINTED TO MATCH THE COLOR OF THE ADJACENT FINISH, UNLESS NOTED OTHERWISE.

**SPECIAL INSPECTIONS AND SUBMITTALS**

- 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 AND APPROVED REPRESENTATIVE.
- SPECIAL INSPECTIONS RETAINED BY THE OWNER ARE REQUIRED FOR THE FOLLOWING WORK, BUT ARE NOT LIMITED TO:
  - CONCRETE
  - ANCHOR BOLTS INSTALLED IN CONCRETE
  - REINFORCING STEEL AND REDRESSING STEEL
  - WELDING
  - HIGH-STRENGTH BOLTING
  - STRUCTURAL MASONRY.

**DEFERRED SUBMITTALS**

- THE FOLLOWING BUILDING SYSTEMS SHALL BE DESIGN/BUILD BY THE CONTRACTOR AND SHALL BE SUBMITTED FOR SEPARATE REVIEW TO THE AUTHORITIES HAVING JURISDICTION:
  - NON-STRUCTURAL MISCELLANEOUS STEEL FABRICATIONS
  - ELECTRIFIED HARDWARE / ACCESS CONTROL HARDWARE
  - FIRE SPRINKLER / FIRE ALARM
- 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
  - METAL STUD FRAMING

**GENERAL NOTES**

- THE WORK PERFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL MATERIALS, SUPPLIES, SERVICES, POWER AND WATER, ESSENTIAL COMMUNICATIONS, AND THE PERFORMANCE OF ALL LABOR WORK. CONTRACTOR SHALL 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 MATERIALS, 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.
- 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, CONSIDERING WITH STANDARD PRACTICES, MANUFACTURER'S RECOMMENDATIONS, GOVERNING CODES.
- 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 THIS 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 DESIGN OR SHALL BE HELD TO REFER TO RECOGNIZED STANDARDS.
- ARCHITECT DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS. DIMENSIONS INDICATED BY FIGURES OR NUMERALS SHALL GOVERN. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
- OMISSIONS FROM THE PLANS AND SPECIFICATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING, MAKING, OR INSTALLING ALL ITEMS REQUIRED BY LAW OR USUALLY FURNISHED, MADE, OR INSTALLED IN ACCORDANCE WITH RECOGNIZED STANDARDS. FOR A PROJECT OF THE SCOPE AND CHARACTER INDICATED ON THE PLANS AND SPECIFICATIONS.
- THE PLANS SHOW CONDITIONS AS THEY ARE SUPPOSED OR BELIEVED TO EXIST, BUT IT IS NOT INTENDED OR INFERRED THAT THE CONDITIONS AS SHOWN CONSTITUTE A REPRESENTATION OR WARRANTY EXPRESSED OR IMPLIED, THAT SUCH CONDITIONS ACTUALLY EXIST.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE CONTRACT DOCUMENTS. UPON DISCOVERY, ALL DEFECTIVE OR NONCOMPLIANT WORK SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR. FAILURE OF THE ARCHITECT TO IDENTIFY NONCONFORMING WORK SHALL NOT CONSTITUTE ACCEPTANCE OR IMPLIED ACCEPTANCE OF SUCH WORK.
- ANY DELAYS OR IMPACTS ARISING ON THE WORK AS A RESULT OF CONSTRUCTION, FABRICATION OR DELIVERY OF NONCONFORMING WORK OR MATERIALS SHALL BE THE CONTRACTOR'S SOLE EXPENSE, WITHOUT REIMBURSEMENT FOR EXTENDED OVERHEAD.
- THE CONTRACT DOCUMENTS INDICATE THE SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE MAJOR ARCHITECTURAL ELEMENTS, AND THE MAJOR DESIGN OF THE STRUCTURAL AND ELECTRICAL SYSTEMS, BASED ON THE SCOPE DESCRIBED HEREIN. PROVIDE ALL ITEMS, SYSTEMS, PRODUCTS AND LABOR REQUIRED OR INFERRED FOR THE PROPER EXECUTION AND COMPLETE INSTALLATION OF THE SPECIFIED PRODUCT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND THEIR SERVICE CONNECTIONS WITH THE PROPER UTILITY COMPANIES AND AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF THE CONSTRUCTION ON THE SITE.
- 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.
- WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS BY VARIOUS TRADES, THE CONTRACTOR SHALL CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE BEST POSSIBLE INSTALLATION OF ALL BUILDING COMPONENTS AND EQUIPMENT.
- WHEN DISCREPANCIES EXIST WITHIN THE DRAWINGS, AND BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE COSTIER CONDITION SHALL APPLY.
- THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, PRIOR TO STARTING THE WORK, A COMPREHENSIVE LAYOUT INDICATING DIMENSIONAL CRITERIA FOR ALL VISIBLE BUILDING ELECTRICAL, SECURITY, LIFE SAFETY, CONTROLS, AND OTHER EQUIPMENT.
- PROPRIETARY PRODUCTS AND MATERIALS IDENTIFIED IN 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 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.
- 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.
- CONTRACTOR TO COORDINATE THEIR WORK WITH THE NEW SANITARY WORK THAT IS BEING PERFORMED BY ANOTHER CONTRACT FOR TIE-IN YOUR WORK TO THEIR NEW SANITARY LINES.
- THE CONTRACTOR IS TO PROVIDE TEMPORARY BARRIERS, DUST CONTROL, NOISE, TEMPORARY SIGNAGE WHILE THE FACILITY IS IN OPERATION. THE CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO THE WORK OF EACH PHASING AS SHOWN IN DRAWINGS. THE CONTRACTOR SHALL COORDINATE WITH OWNER THE SPECIFIC HOURS FOR THE WORK. ALL WORK IS TO BE PERFORMED DURING NIGHT. CONTRACTOR SHALL COORDINATE AND GET APPROVAL FROM OWNER FOR WORK HOURS PRIOR TO THE START OF THE WORK IN EACH OF THE CONSTRUCTION PHASES.
- THE CONTRACTOR SHALL COORDINATE AND OBTAIN APPROVAL OF ALL LAY-DOWN & STORAGE AREAS PRIOR TO USE.

FILE PATH: AutodesK Docs://1429.2.3 IAH Terminal D - Sterile Corridor RR/1429.2.3\_IAH T-D STERILE CORRIDOR-Central.rvt  
HAS FILE:  
PLOT DATE:  
DOA DWG FILE:  
OLD DOA No.:











A

B

C

D

E

### 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.
- REFER TO G-003 FOR GENERAL NOTES
- 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 U420 & 10 PSF AND SPSF LOADING, 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 SEPARATIONS LESS THAN 9" WITH MIN. 4 1/4" METAL BRACE. AT SEPARATIONS 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.

### 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)

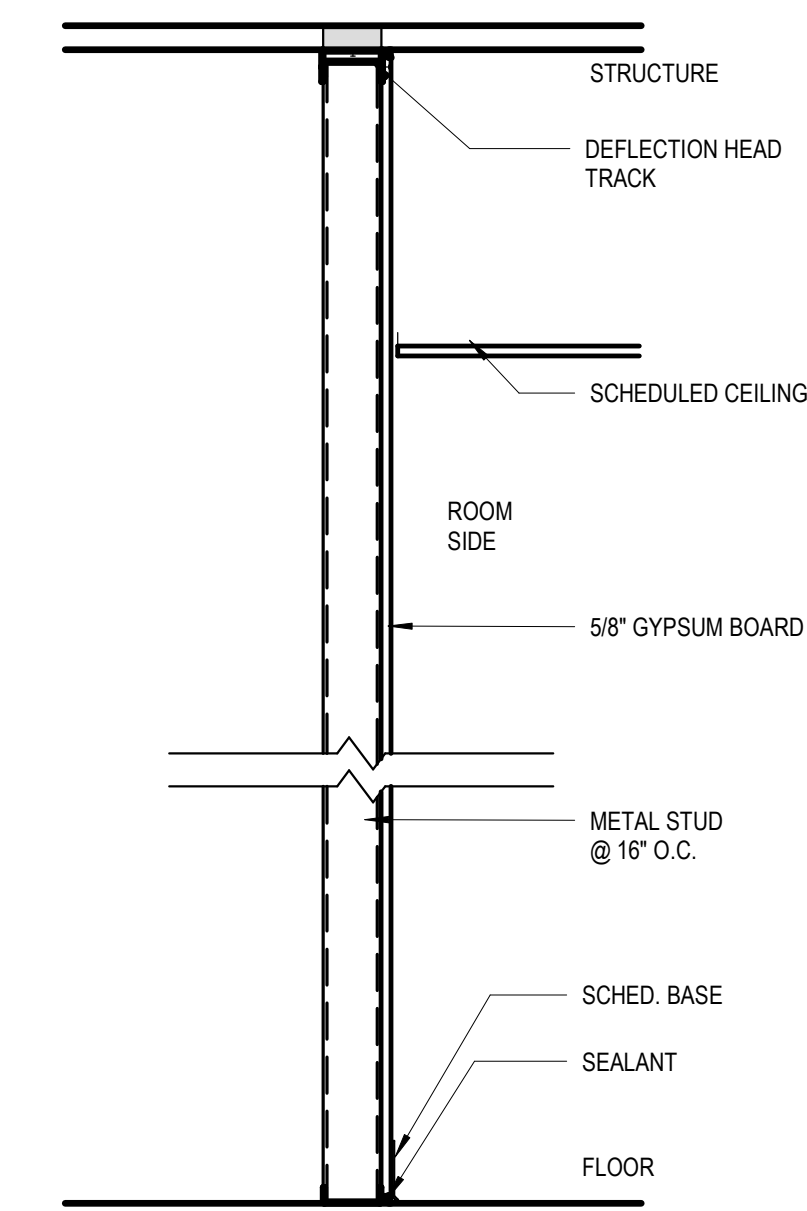
- NO CHARACTER SIGNIFIES STANDARD PARTITION TYPE
- L GWB FINISH TERMINATES 6" ABOVE CEILING - DOES NOT EXTEND TO STRUCTURE. BRACE AS REQUIRED
- S SOUND ATTENUATING PARTITION WITH STC RATING
- X 1 HR FIRE RATED PARTITION ASSEMBLY WITH UL LISTING
- 2X 2 HR FIRE RATED PARTITION ASSEMBLY WITH UL LISTING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

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

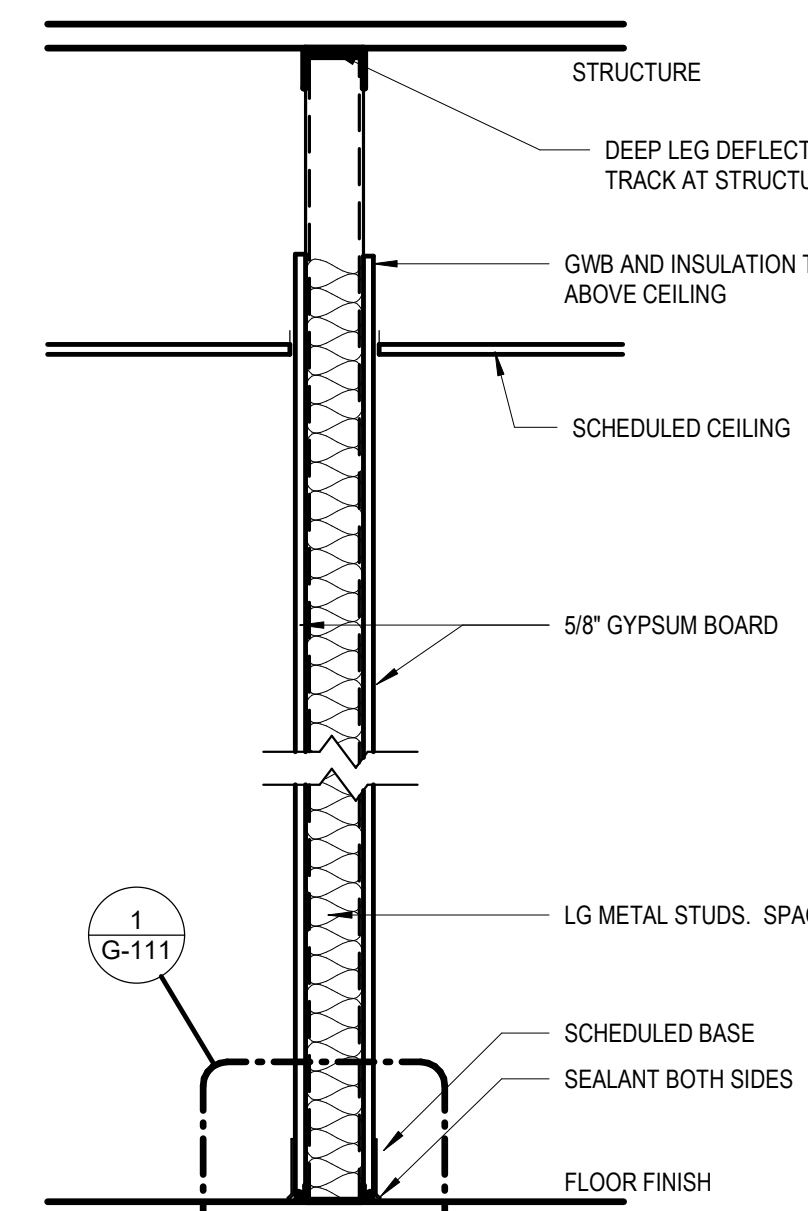
- 0 7/8" METAL FURRING CHANNEL
- 1 1-5/8" METAL STUD or 1-1/2" FURRING CHANNEL
- 2 2-1/2" METAL STUD or FURRING CHANNEL
- 4 3-5/8" METAL STUD or 4" CMU
- 6 6" METAL STUD
- 8 8" METAL STUD OR 8" CMU

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

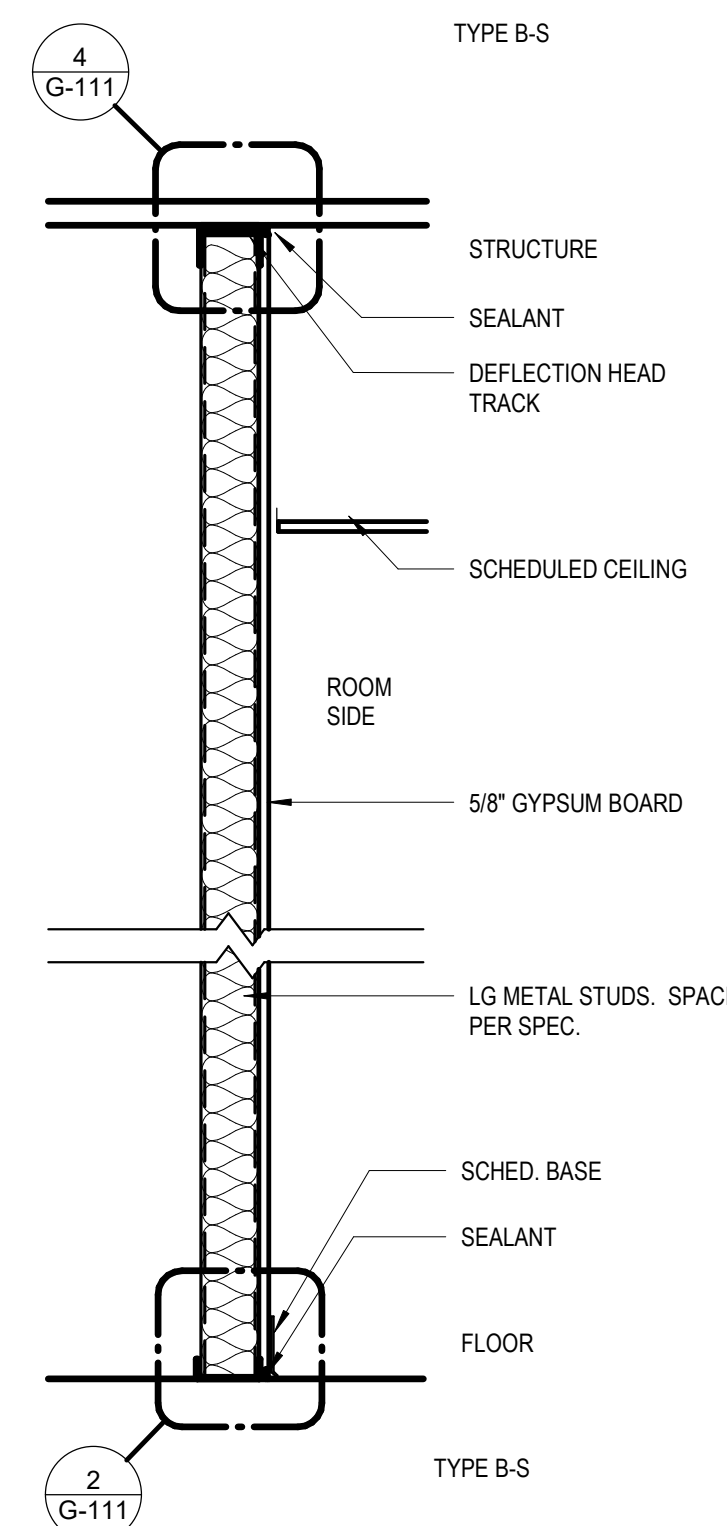
- I STANDARD FIBERGLASS BATTS TO FILL STUD CAVITY
- S SPECIALTY SOUND ATTENUATING INSULATION TO FILL CAVITY
- F SPRAY FOAM INSULATION TO FILL CAVITY
- R THERMAL RIGID FOAM INSULATION
- T THERMAL FIBER-GLASS INSULATION TO FILL CAVITY
- NO CHARACTER INDICATES NO INSULATION USED



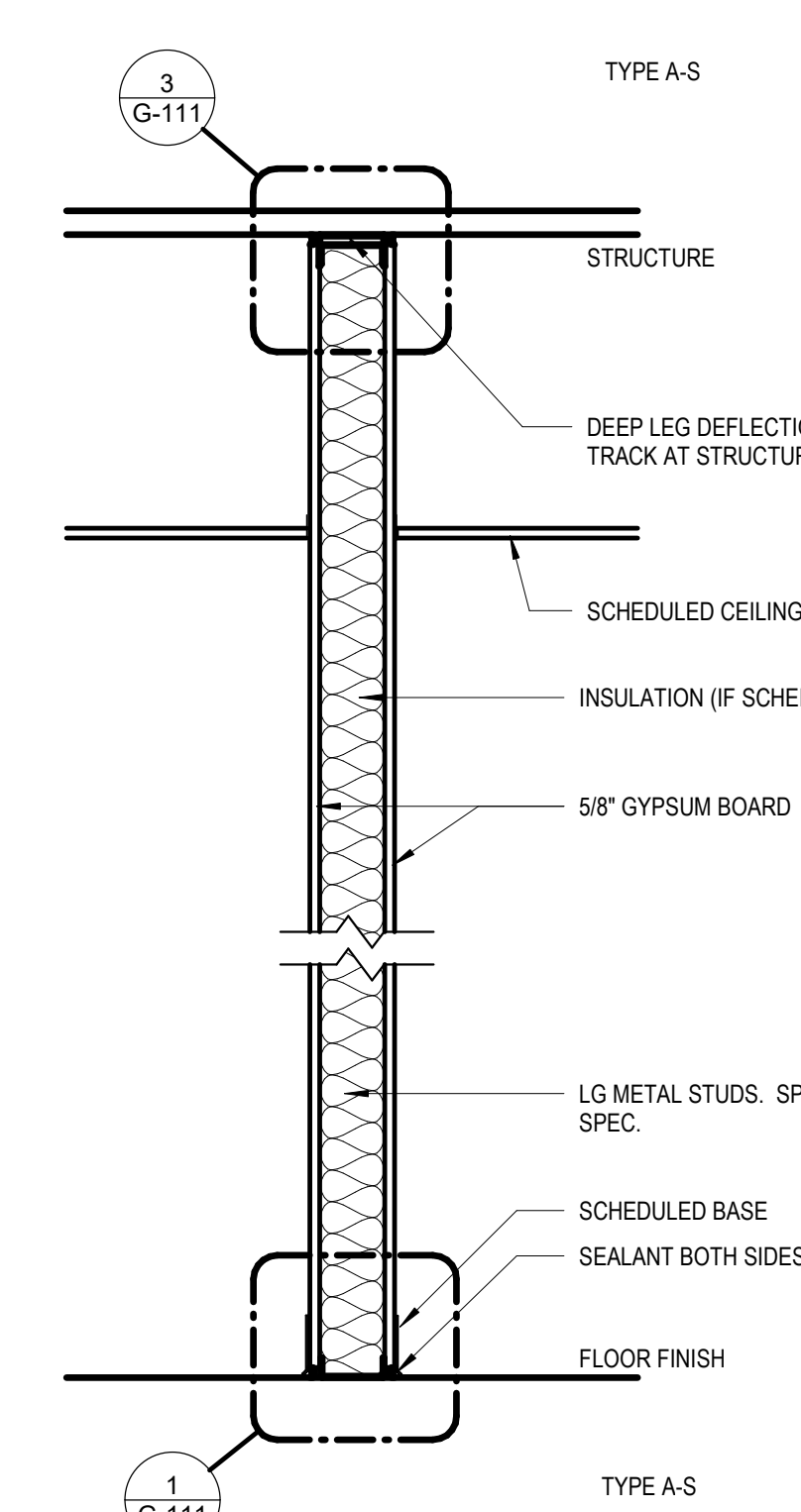
**2 PARTITION TYPE B**  
SCALE: 1" = 1'-0"



**3 PARTITION TYPE A-L**  
SCALE: 1" = 1'-0"

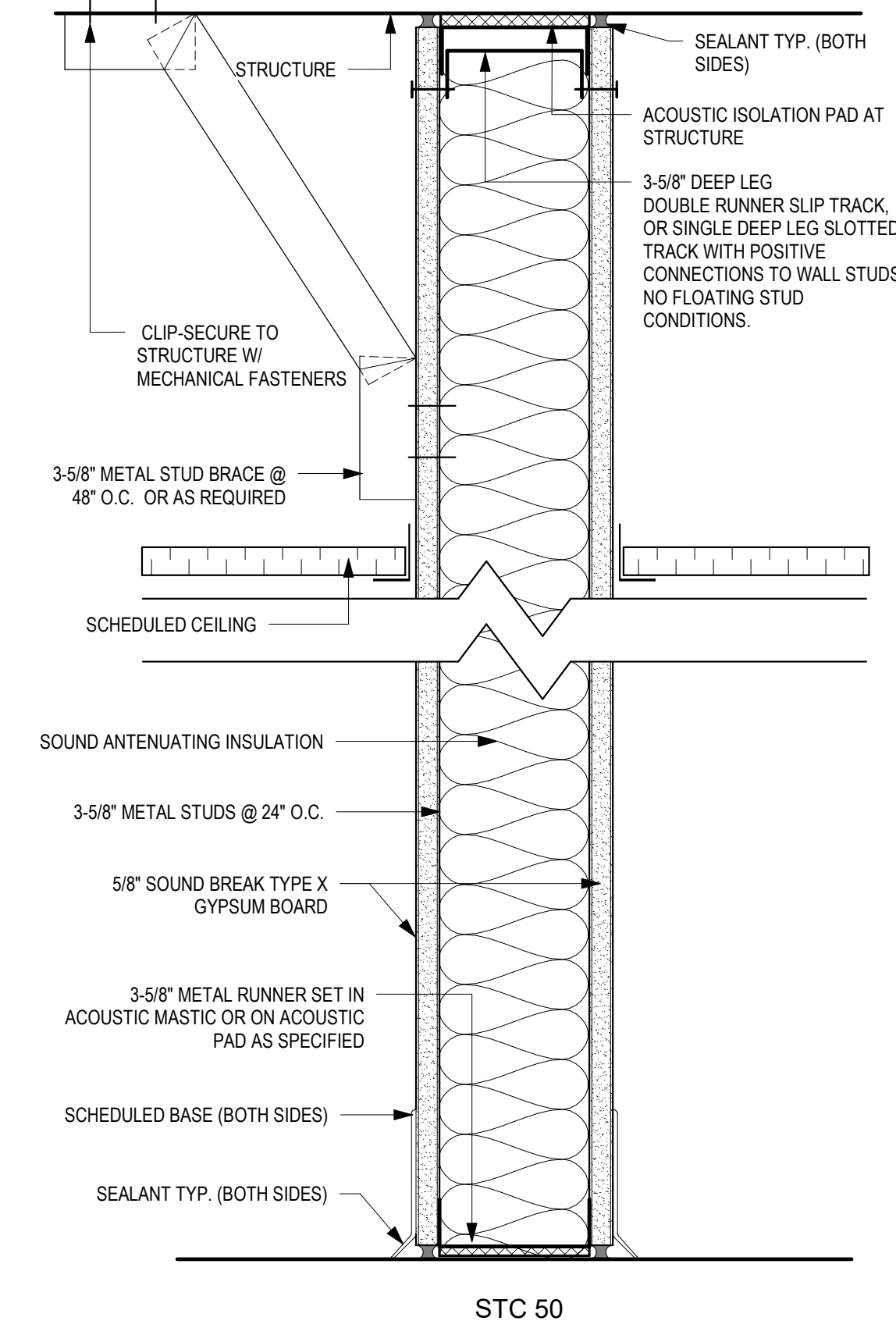


**4 PARTITION TYPE B - SINGLE SIDED**  
SCALE: 1" = 1'-0"



**1 PARTITION TYPE A**  
SCALE: 1" = 1'-0"

### GRAPHIC EXAMPLE: PARTITION TYPE AS4S



3701 North Terminal Rd  
Houston, Texas 77032

### IAH T-D STERILE CORRIDOR

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

### RDLR Architects

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

REVISIONS		
No.	DESCRIPTION	DATE BY

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

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SHEET NAME: PARTITION SCHEDULE  
SHEET No. G-101 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

PLOT DATE: DOA DWG FILE: DOA DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt HAS FILE:



**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

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ARCHITECTURE PLANNING INTERIORS

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**PGA ENGINEERS, INC**

DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

**REVISIONS**

No.	DESCRIPTION	DATE	BY
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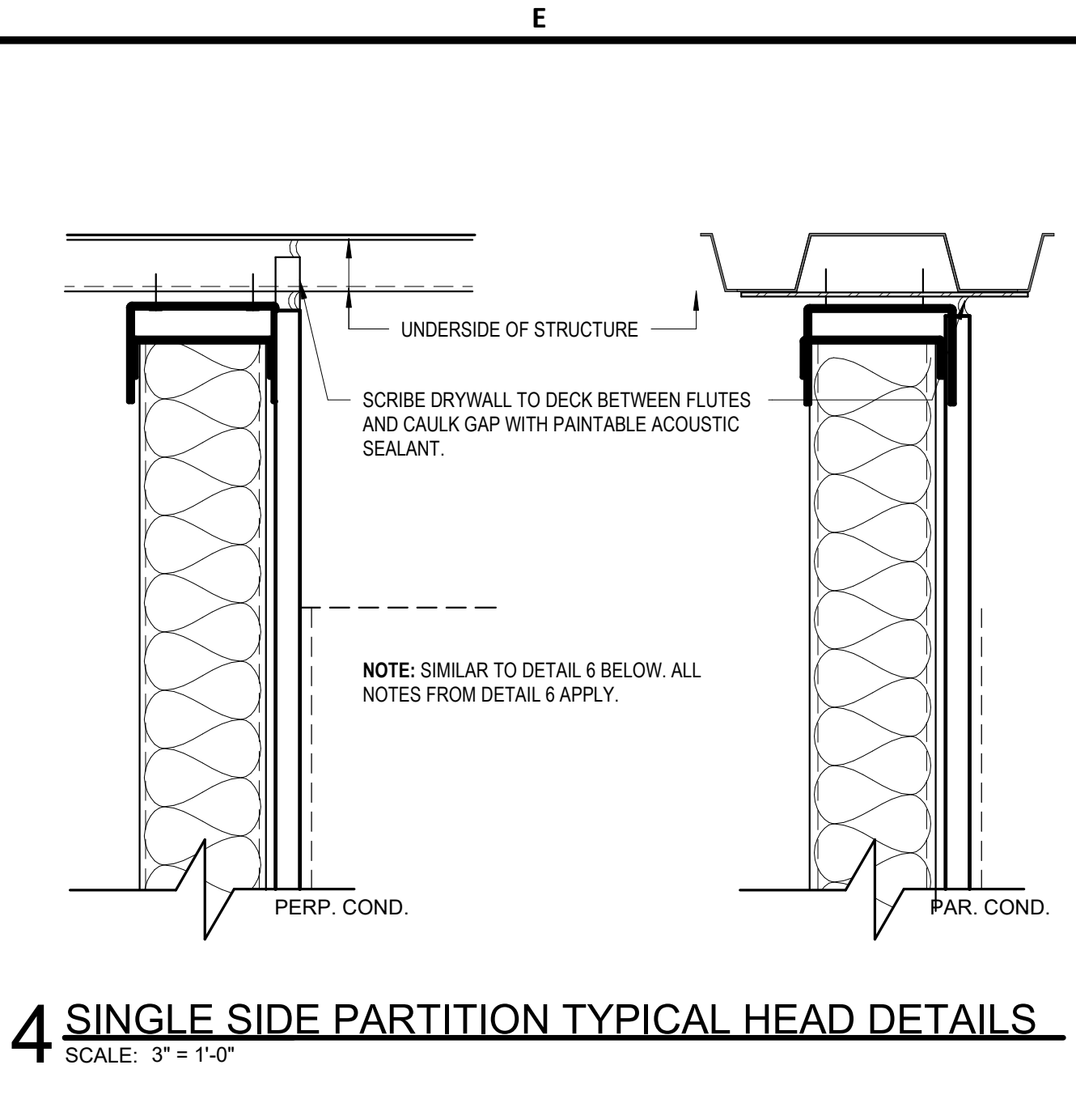
**DIRECTOR**  
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**HOUSTON AIRPORT SYSTEM**

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**IFB**  
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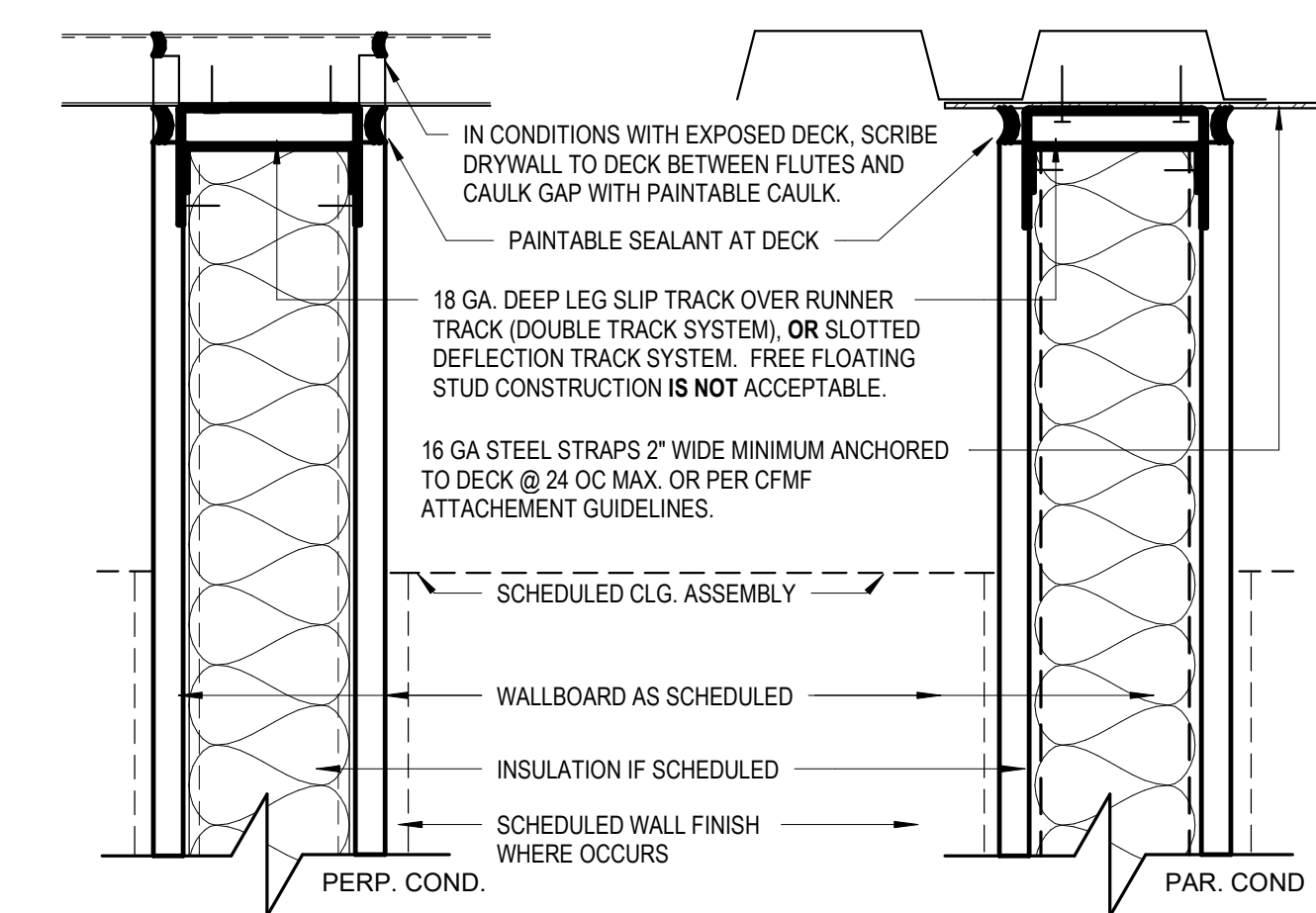
SHEET NAME:  
INTERIOR PARTITION DETAIL - TYPICAL

SHEET No. G-111 SCALE: As indicated

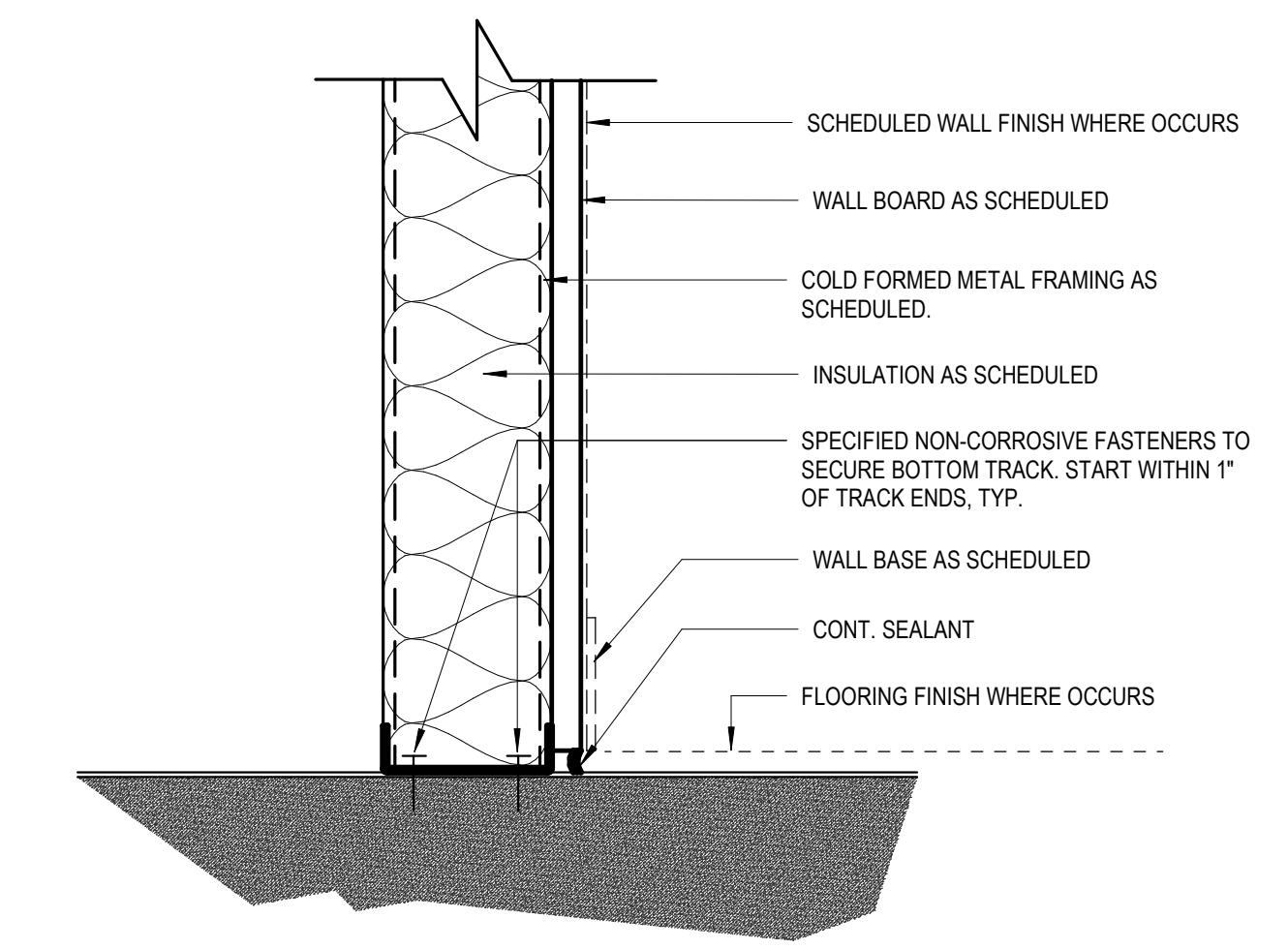
SHEET SIZE: 30"x42" ARCH E1



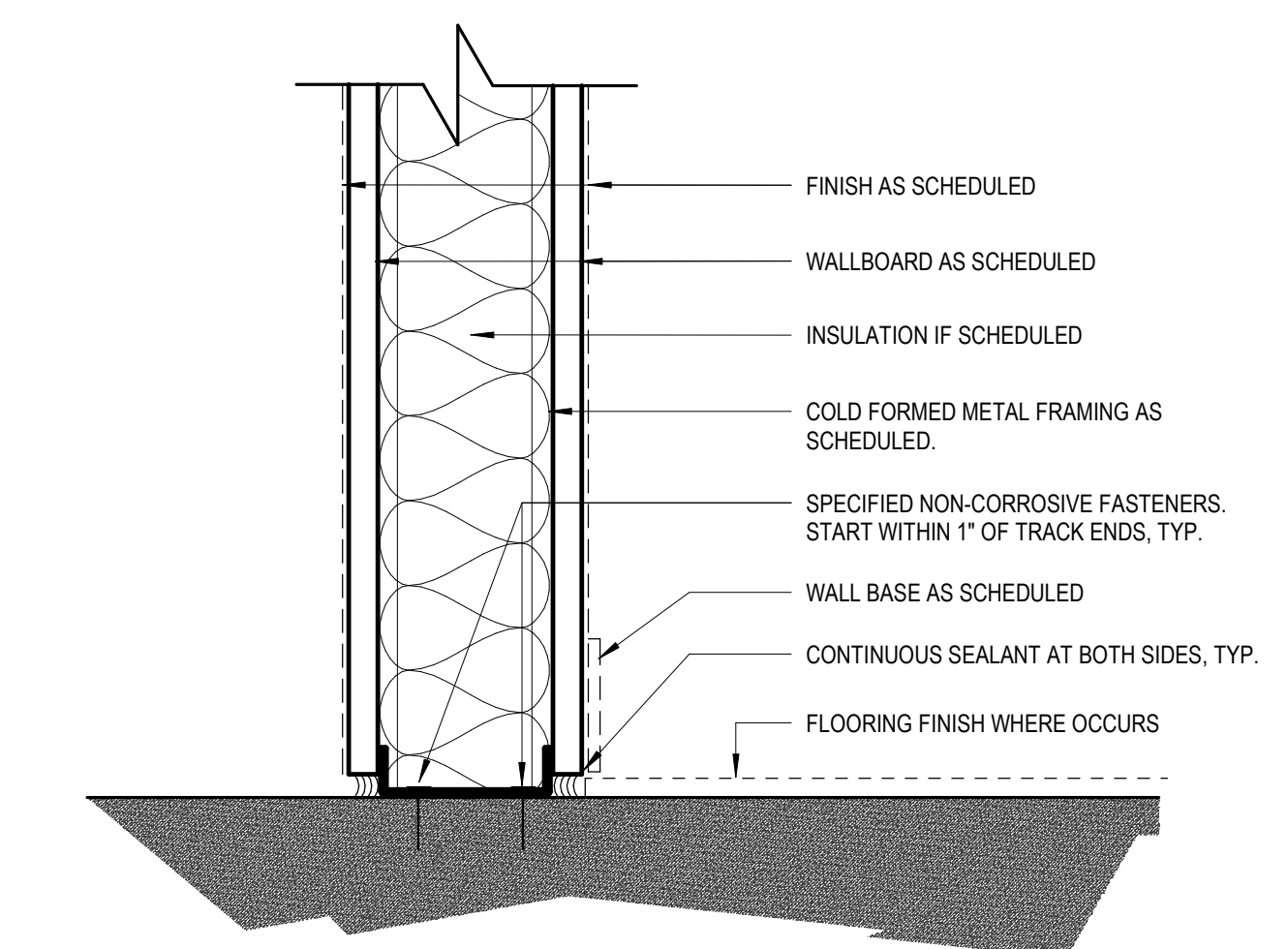
**4 SINGLE SIDE PARTITION TYPICAL HEAD DETAILS**  
SCALE: 3" = 1'-0"



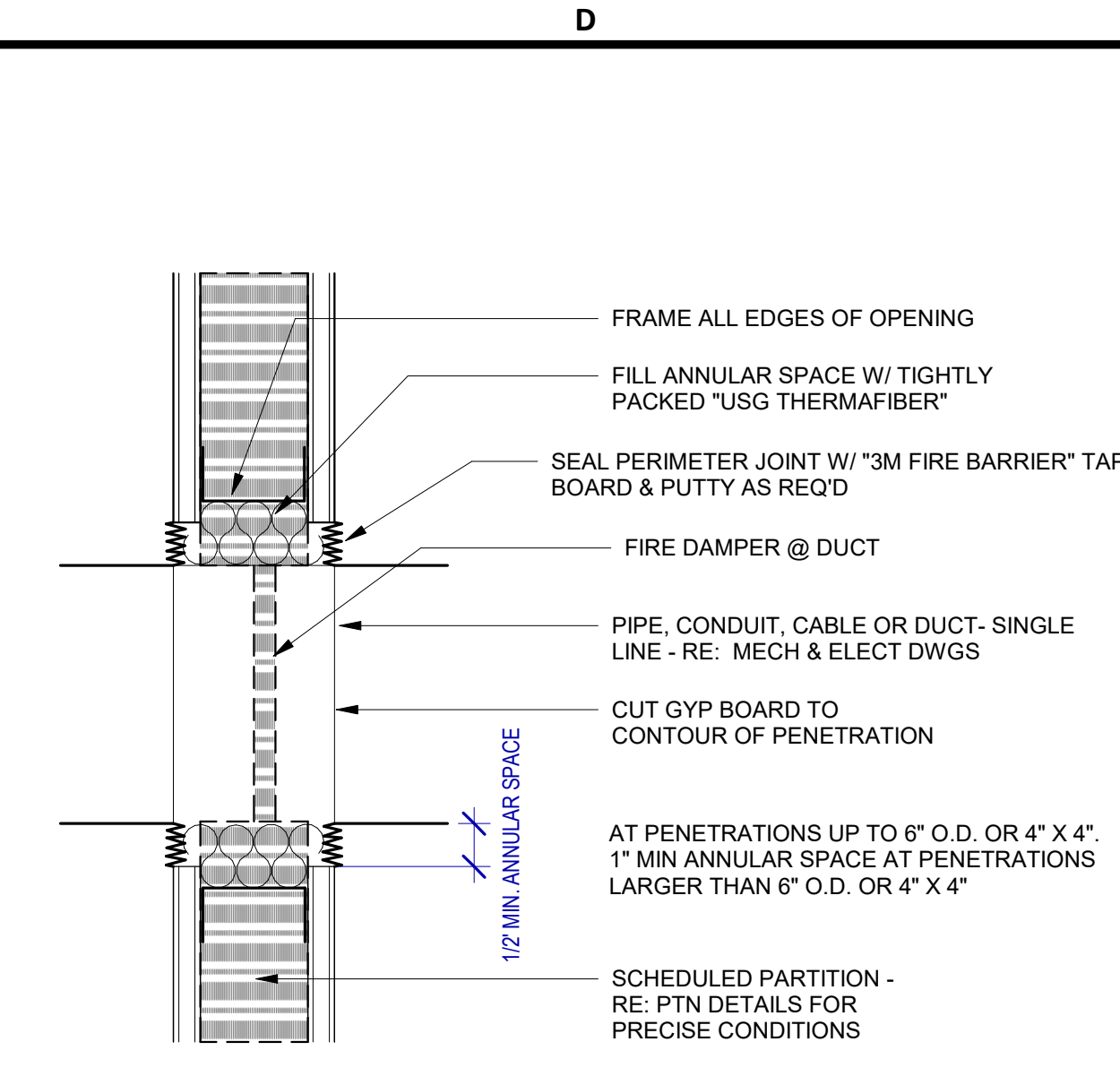
**3 TYPICAL HEAD DETAILS**  
SCALE: 3" = 1'-0"



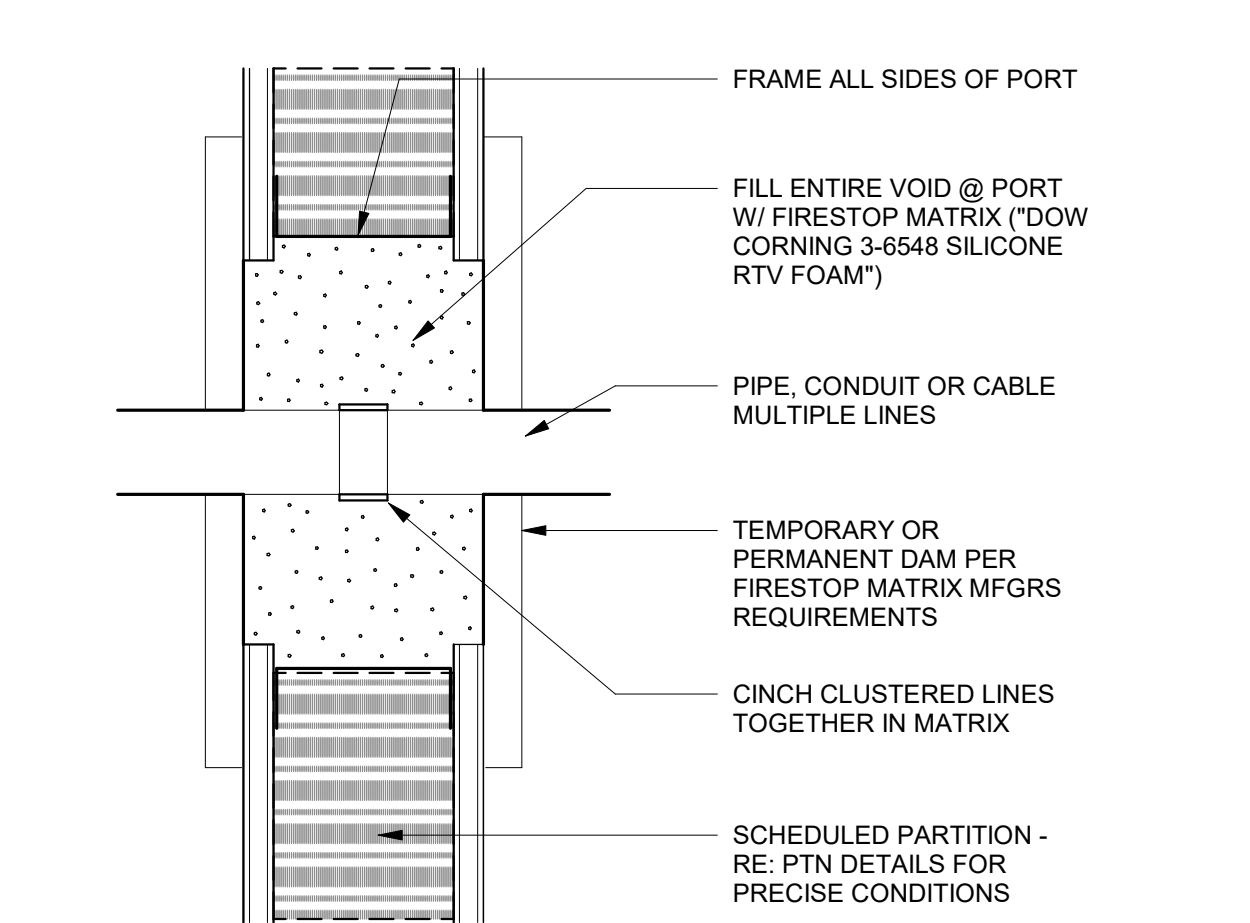
**2 SINGLE SIDED PARTITION BASE DETAIL**  
SCALE: 3" = 1'-0"



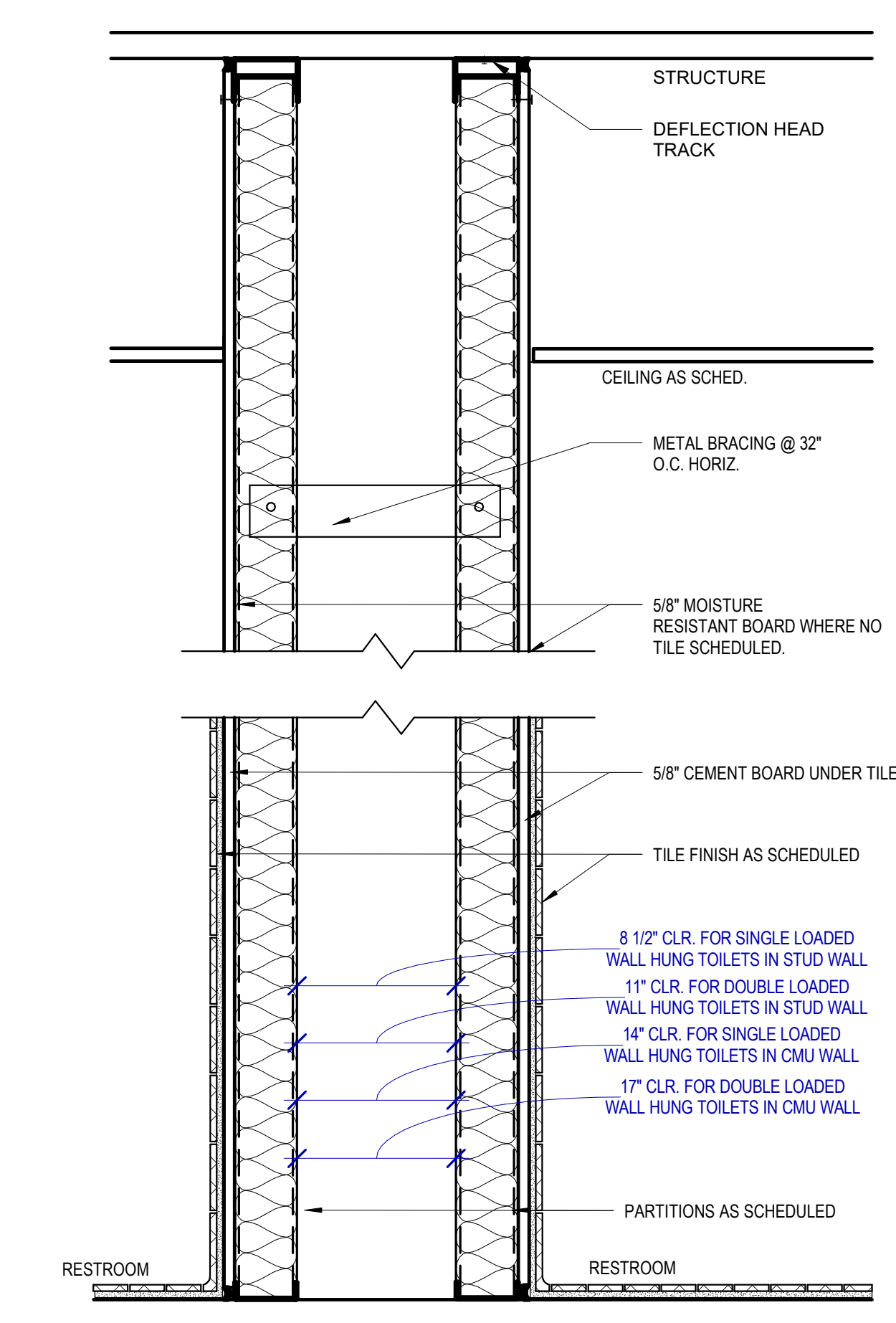
**1 TYPICAL / FIRE RATED BASE DETAIL**  
SCALE: 3" = 1'-0"



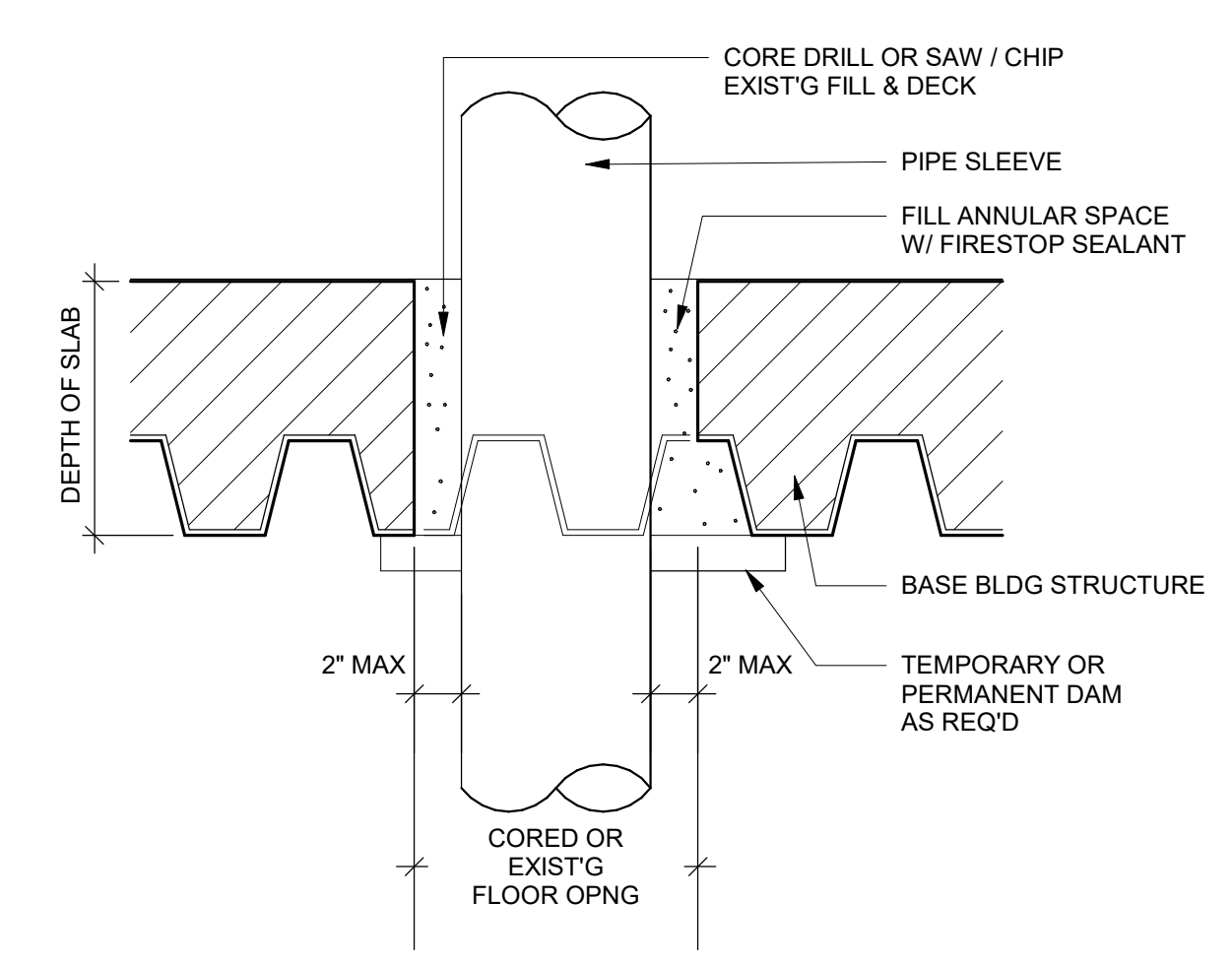
**7 FIRESAFING DETAIL DAMPER1**



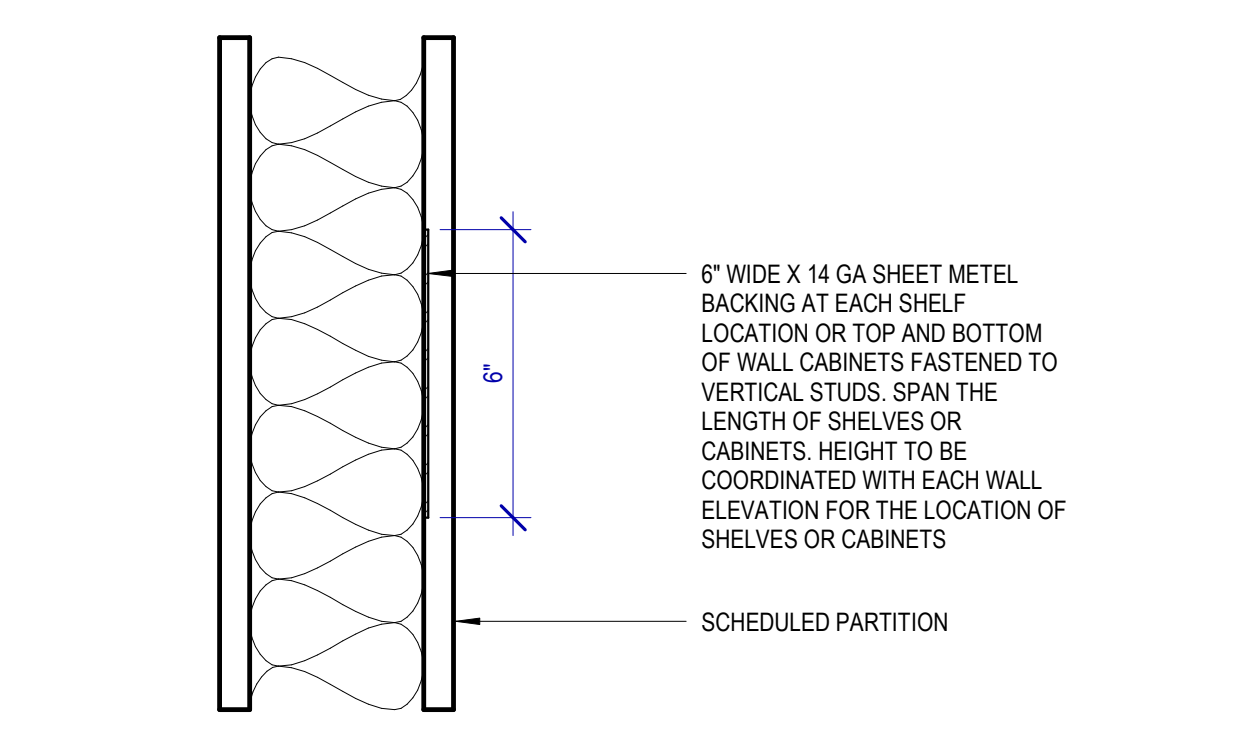
**6 FIRESAFING DETAIL- PIPE THUR PARTITION1**



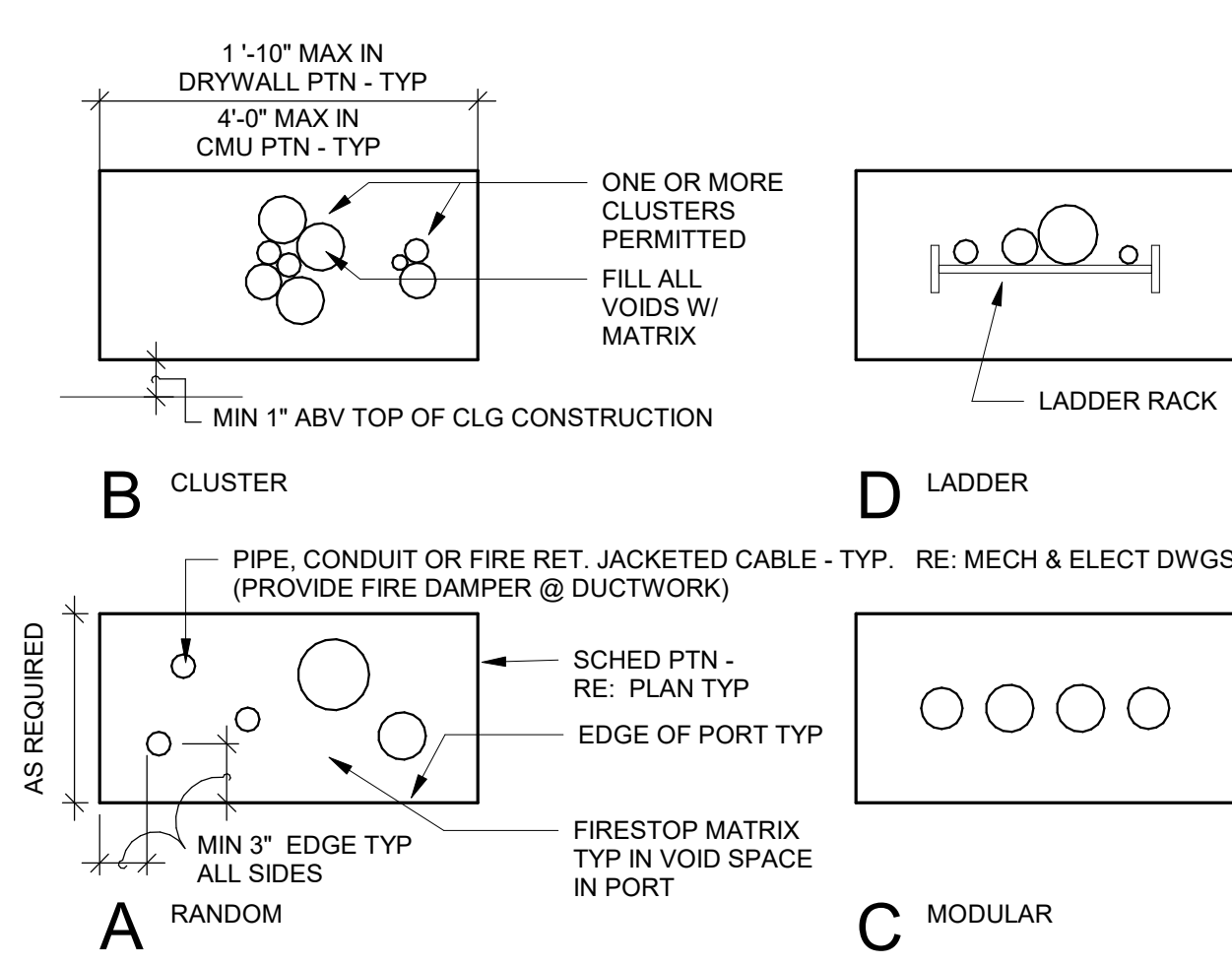
**5 TYPICAL PLUMBING CHASE DETAIL**  
SCALE: 1 1/2" = 1'-0"



**10 FIRESAFING FLOOR CORE1**



**9 PLAN, SECTION - TYP. PARTITION BACKING1**



**8 FIRESAFING DETAIL CONDUIT1**

4					
3					
2					
1					
	A	B	C	D	E

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
 HAS FILE:  
 PLOT DATE:  
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 OLD DOA No.:  
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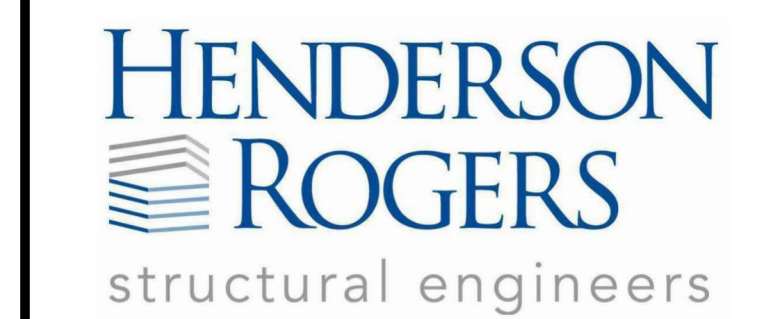
### IAH T-D STERILE CORRIDOR

C.I.P. No. **PN209B** A.I.P. No.  
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DESIGNER PROJECT No.:

PROJECT STATUS: IFB

### REVISIONS

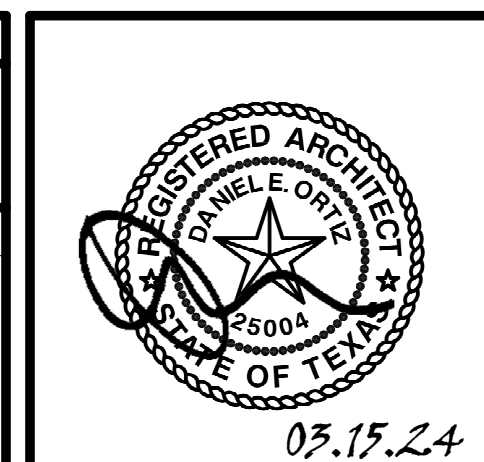
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SHEET NAME:  
PLUMBING COUNT AND CODE SUMMARY

SHEET No. G-201 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

## 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 BUILDING CODE AMENDMENTS  
 HAS STANDARDS 2023 EDITION  
 STATE OF TEXAS ACCESSIBILITY STANDARDS

### SCOPE OF WORK

1. THE WORK SHALL BE DONE IN COMPLIANCE OF THESE DRAWINGS AND SPECIFICATIONS, AND FACILITIES CRITERIA DOCUMENT OF THE HOUSTON AIRPORT AUTHORITY.
2. 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.
3. THE WORK INCLUDES RESTROOMS RENOVATIONS FOR PUBLIC USE AT IAH TERMINAL D STERILE CORRIDOR SECURE AREA. CONSTRUCTION INCLUDES INTERIOR BUILDING IMPROVEMENTS INCLUDING WALLS, CEILINGS, ACCESSORIES, FINISHES AND LIGHTING. A NEW ADA RAMP IS PART OF THE SCOPE. TECHNOLOGY, MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS WORK AS PER TECHNOLOGY AND MEP DRAWINGS AND SPECIFICATIONS.
4. THE WORK REQUIRES CAREFUL AND THOROUGH 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: 3701 NORTH TERMINAL ROAD  
HOUSTON, TX 77032

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

#### ACCESSORY OCCUPANCIES

508.2.3 THE ALLOWABLE AREA OF THE BUILDING SHALL BE BASED ON THE APPLICABLE PROVISIONS OF SECTION 508 FOR THE MAIN OCCUPANCY OF THE BUILDING. 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 508.2 FOR EACH SUCH ACCESSORY OCCUPANCY

508.3.1 NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE 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.

#### 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

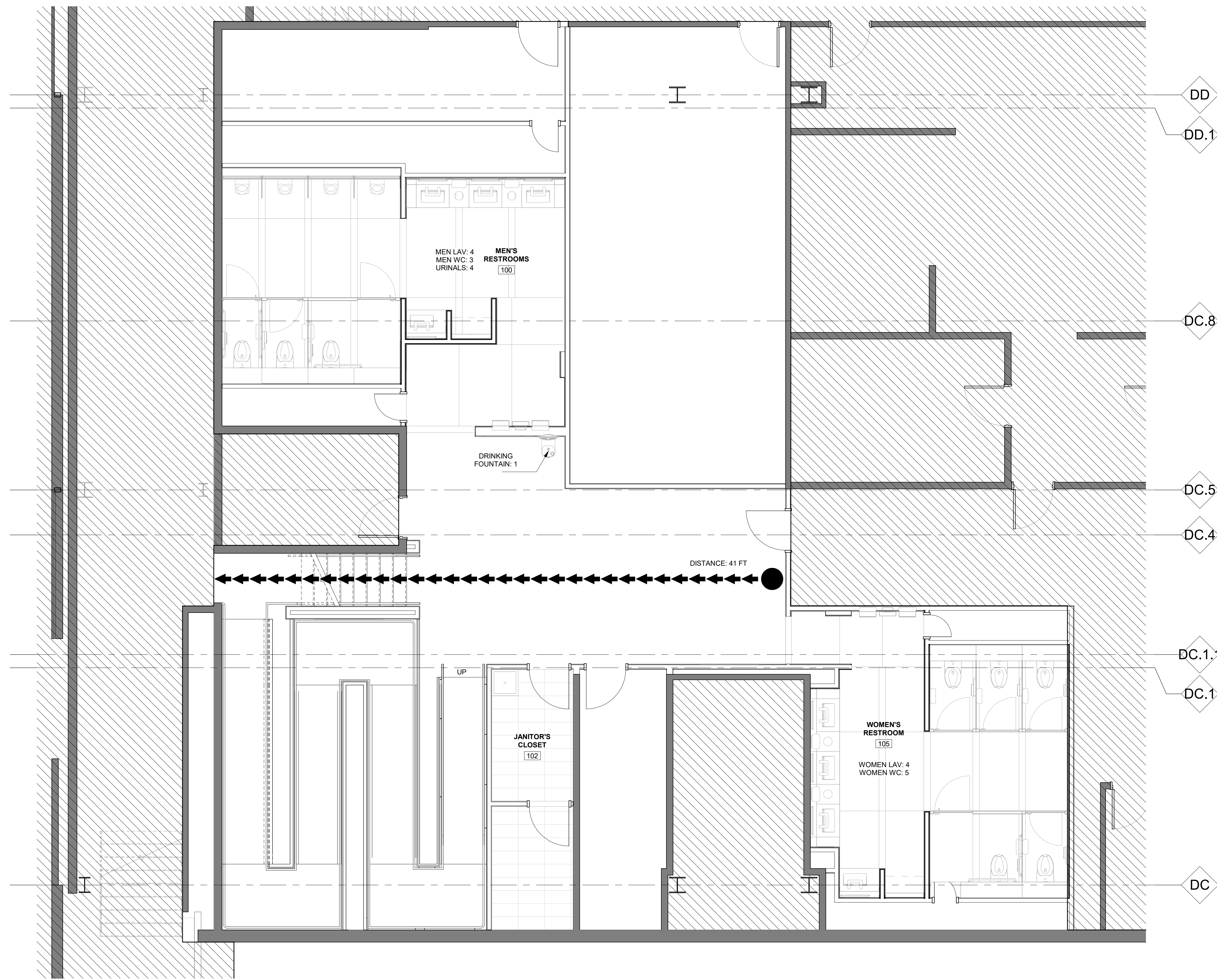
#### INTERIOR FINISHES

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

RESTROOM	USE GROUP	WATER CLOSETS MEN	WATER CLOSETS WOMEN	URINAL MEN	LAVS MEN	LAVS WOMEN	SINGLE OCCUPANT RESTROOM	SERVICE SINK
EXISTING	B	2	4	2	3	3	NA	1
PROPOSED	B	3	5	4	4	4	NA	1



## 1 SAFETY PLAN - STERILE CORRIDOR

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

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt

HAS FILE:

PLOT DATE:  
DOA DWG FILE:  
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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

### REVISIONS

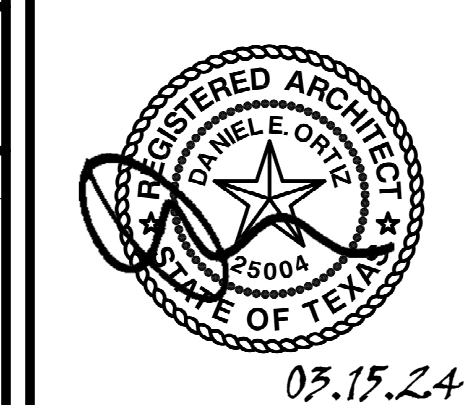
No.	DESCRIPTION	DATE	BY

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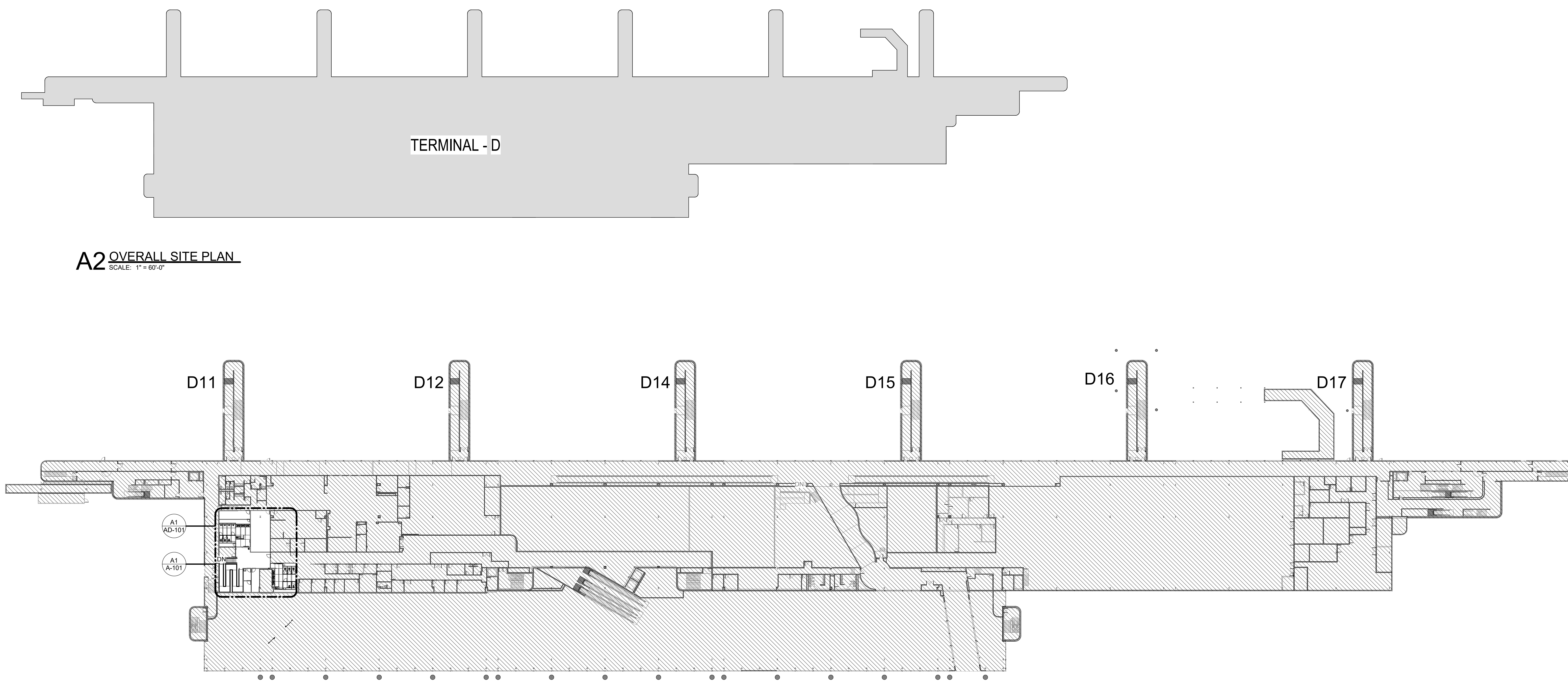
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SHEET NAME: OVERALL FLOOR PLAN  
SHEET No. A-100 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1



**A2 OVERALL SITE PLAN**  
SCALE: 1" = 60'-0"

**A1 TERMINAL D ARRIVALS CORRIDOR LEVEL**  
SCALE: 1" = 40'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
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DESIGNER PROJECT No.:  
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### REVISIONS

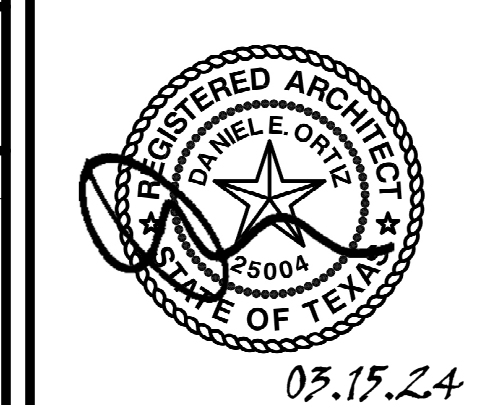
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SHEET NAME:  
DEMOLITION PLAN - STERILE CORRIDOR  
SHEET No. AD-101 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

## DEMOLITION GENERAL NOTES

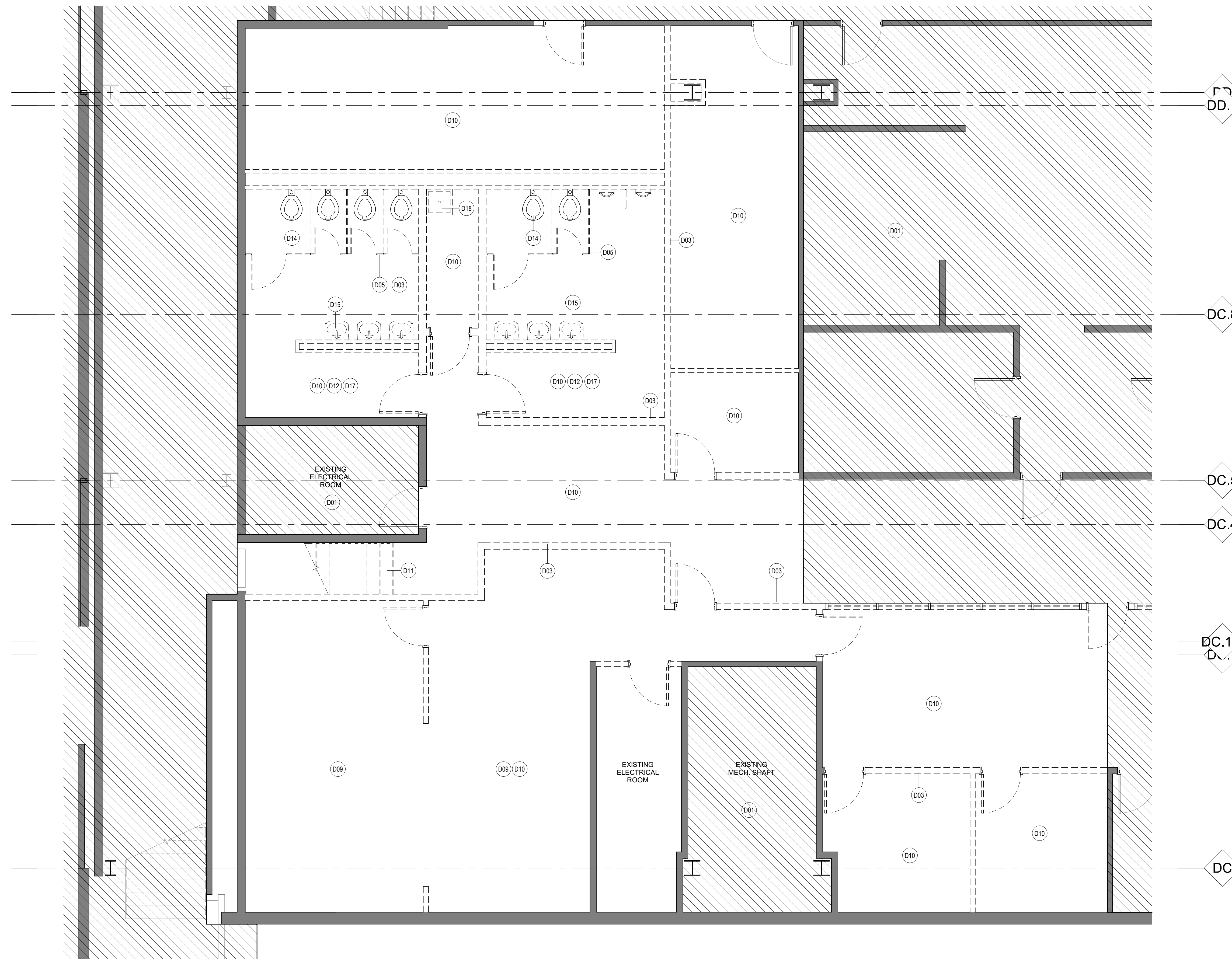
- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE REPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, 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, PROTECTED AND REINSTALLED BY THE CONTRACTOR. THIS SHALL INCLUDE BUT NOT LIMITED TO PEOPLE COUNTER (CAMERAS), IPADS, WIFI DEVICES, SPEAKERS, CABLING, COMMUNICATION CABINET ETC. ALL DEVICES SHALL BE REINSTALLED PER HAS IT STANDARDS AND SPECIFICATION BY 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.
- 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.

### KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
D01	NOT IN SCOPE, EXISTING CONSTRUCTION TO REMAIN AND PROTECT DURING CONSTRUCTION.
D03	REMOVE EXISTING WALLS
D05	REMOVE EXISTING TOILET PARTITIONS AND URINAL DIVIDERS. TYP.
D09	REMOVE FLOOR TILES AND PREPARE SURFACES FOR THE NEW ADA RAMP STRUCTURE.
D10	REMOVE EXISTING FLOOR TILE AND PREPARE SLAB FOR INSTALLATION OF NEW PORCELAIN TILE
D11	REMOVE EXISTING STAIRCASE
D12	EXISTING PLUMBING FIXTURES AND STEEL SUPPORT TO BE REMOVED, PLUMBING LINES TO BE PREPARED/RELOCATED FOR NEW WORK. REFER MEP DRAWINGS, TYP.
D14	REMOVE ALL EXISTING WATER CLOSET/URINALS. TYPICAL IN ALL ROOM.
D15	REMOVE EXISTING LAVATORIES. TYPICAL IN ALL ROOM.
D17	REMOVE EXISTING ROOM SIGNAGE
D18	REMOVE EXISTING MOP SINK.

### DEMOLITION LEGEND

- DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
- EXISTING PARTITION TO REMAIN
- NOT IN SCOPE
- LIGHT FIXTURES TO BE REMOVED. REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



## A1 ENLARGED DEMO PLAN - STERILE CORRIDOR

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

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt

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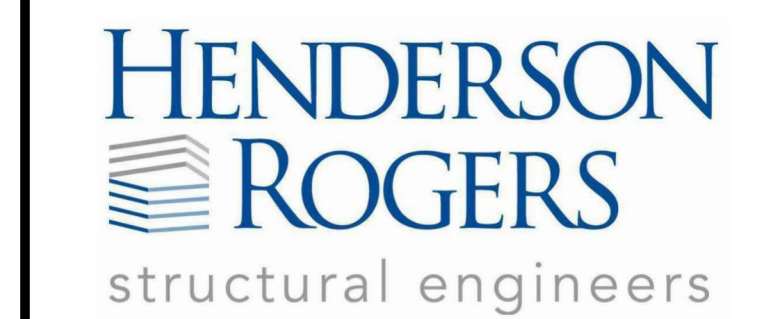
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DESIGNER PROJECT No.:  
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### REVISIONS

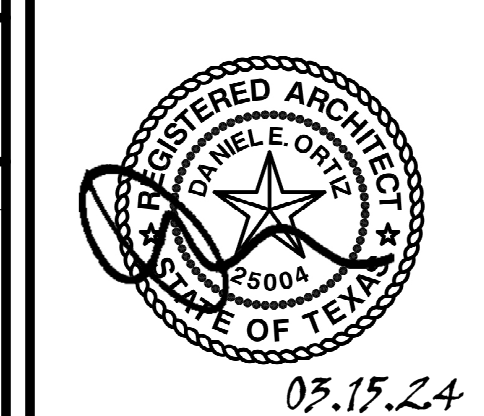
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SHEET NAME:  
DEMOLITION RCP - STERILE CORRIDOR  
SHEET No. AD-140 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

## DEMOLITION GENERAL NOTES

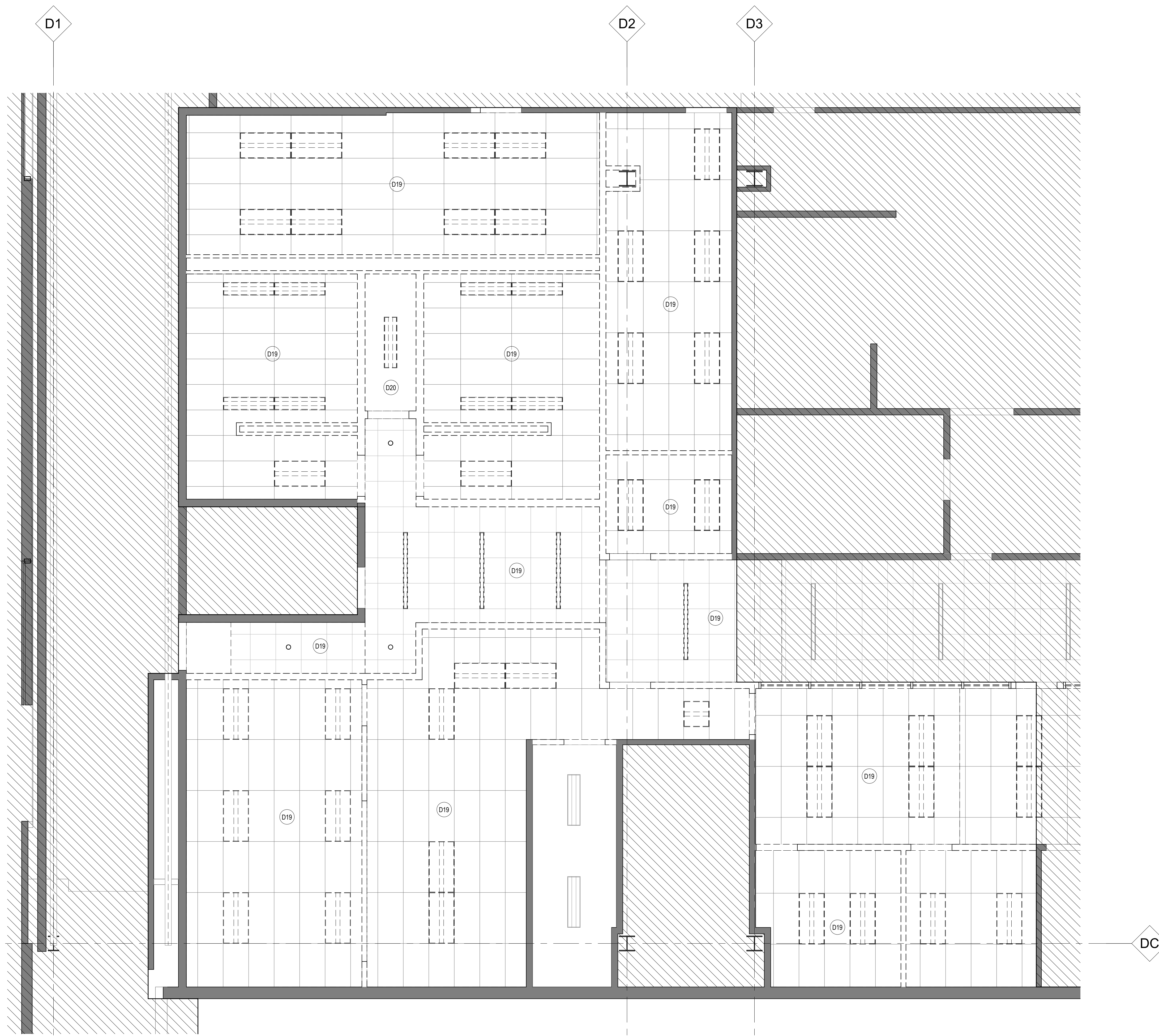
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### KEYNOTE LEGEND

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
- EXISTING PARTITION TO REMAIN
- NOT IN SCOPE
- LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



## A1 DEMO RCP - STERILE CORRIDOR

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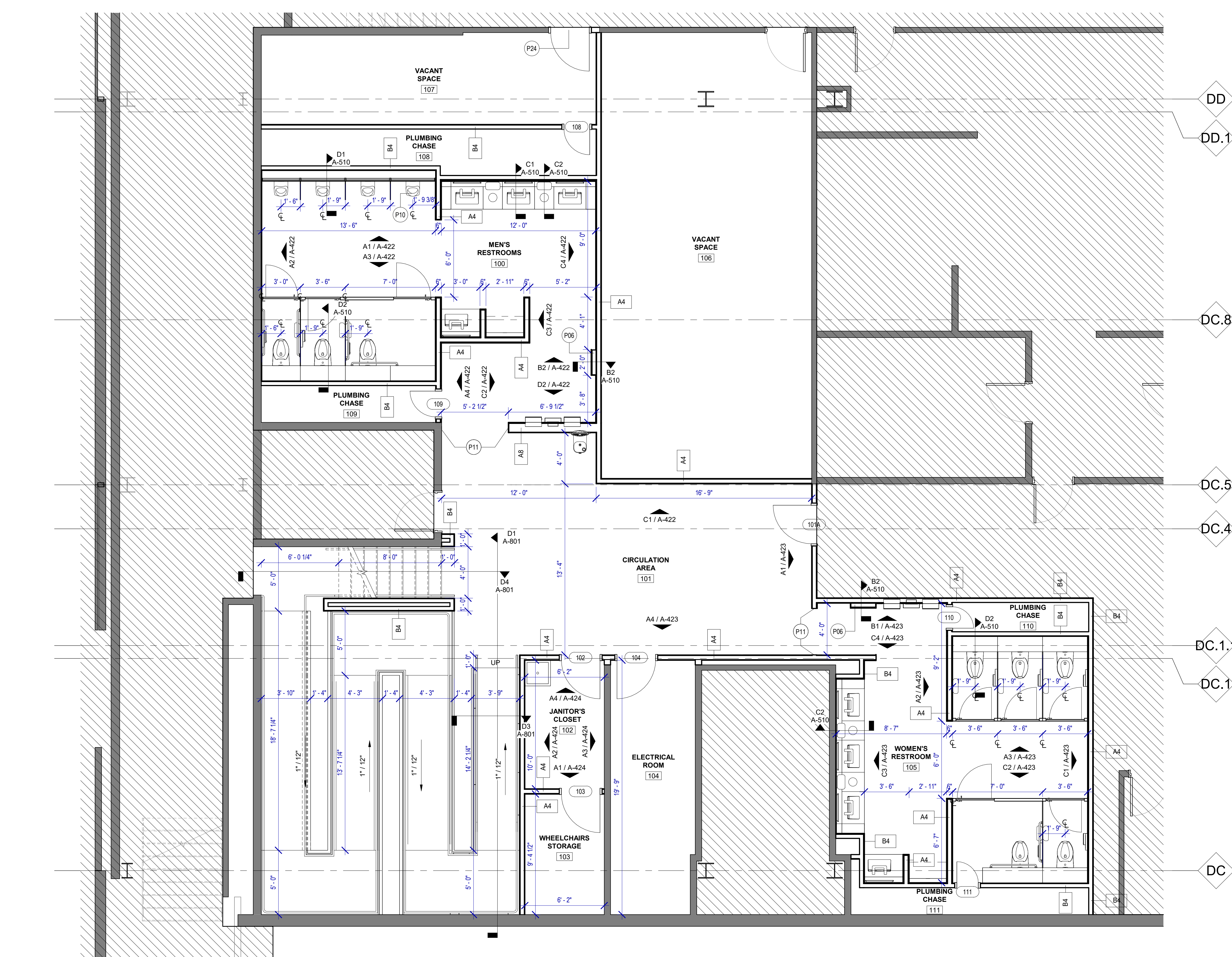
SHEET NAME: ENLARGED FLOOR PLANS  
SHEET No. A-101 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

**FLOOR PLAN GENERAL NOTES**

- REFER TO SHEET G-002 FOR KEY TO SYMBOLS LEGEND AND ABBREVIATIONS. REFER TO SHEET G-003 FOR GENERAL NOTES. REFER TO G-031 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.
- REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
- INSTALL CEMENT BOARD FOR INSTALLATION OF NEW TILE.
- EXISTING HM FRAME TO BE PAINTED.

**KEYNOTE LEGEND**

KEY VALUE	KEYNOTE TEXT
P06	CUSTOMER SERVICE IPAD DOCKING STATION. RE: A-420 FOR TYPICAL ELEVATION.
P10	URINALS TO BE CENTERED IN WALL PANEL PATTERN. TYP. RE: ELEVATIONS. RELOCATE PLUMBING LINES AS REQ'D.
P11	RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH
P24	EXISTING DOOR TO BE RE-POSITIONED. NO THRESHOLD REQUIRED.



**A1 FLOOR PLAN - STERILE CORRIDOR**  
SCALE: 1/4" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
 HAS FILE:  
 PLOT DATE:  
 DOA DWG FILE:  
 OLD DOA No.:  
 PLOT DATE:



**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/Approval Category  
**IFB**  
ISSUED FOR BIDDING

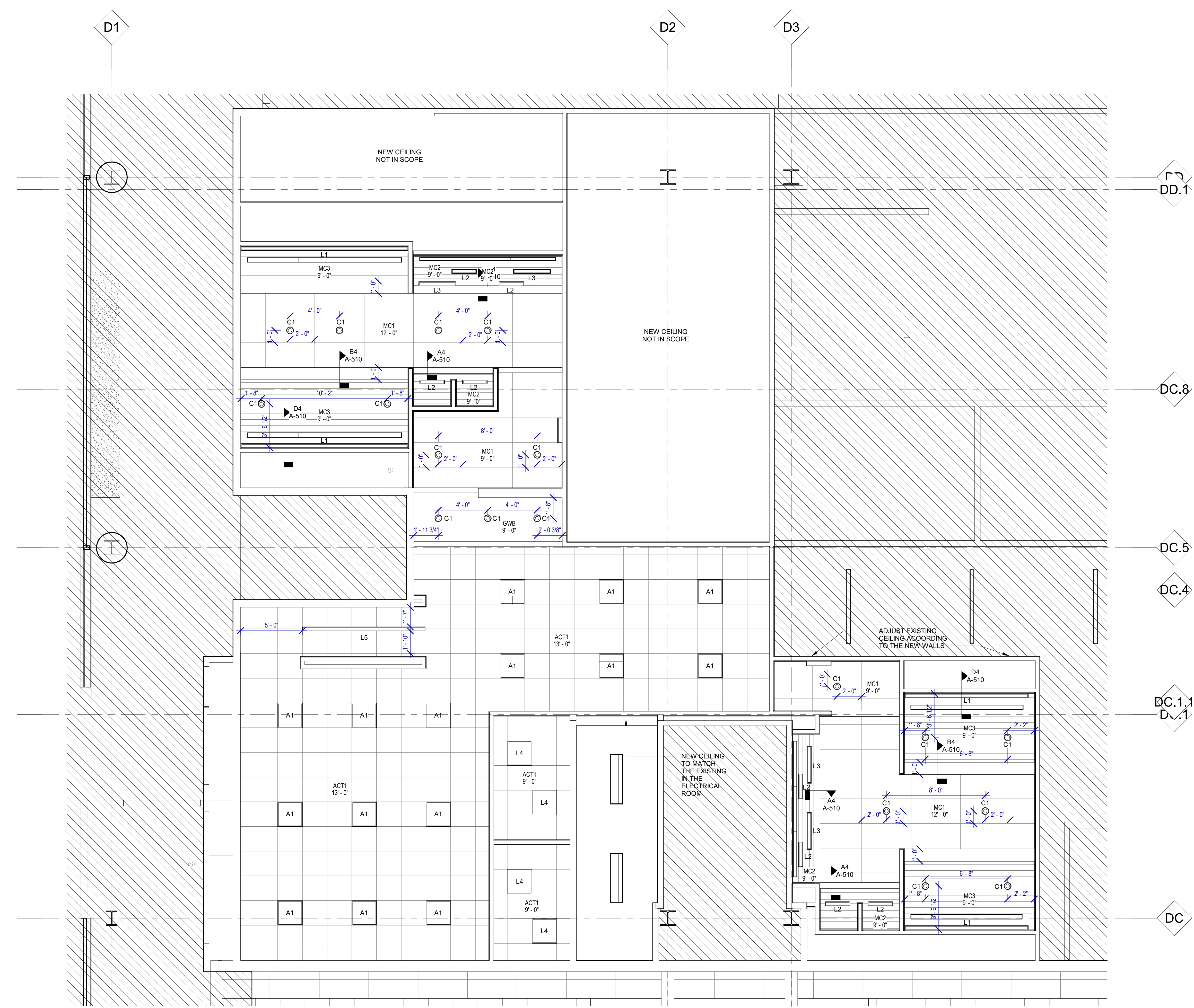
SHEET NAME:  
REFLECTED CEILING PLAN  
SHEET No. A-140 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

**RCP GENERAL NOTES**

- REFER TO G-003 FOR LIGHTING GENERAL NOTES
- REFER TO SHEET A-600 FOR MATERIAL LEGEND
- FIELD VERIFY ALL CONDITIONS AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE WORK COMMENCES
- ALL LIGHT FIXTURES & SPRINKLERS NOT LOCATED BY DIMENSIONS ARE TO BE CENTERED IN CEILING TILES, CENTER FIXTURE IN ROOM UNLESS NOTED.
- PATCH, REPAIR & REFINISH EXISTING CONDITIONS DAMAGED DURING CONSTRUCTION
- ALL FIXTURES, EQUIPMENT, FURNITURE, AND FINISHES TO BE HAS RESTROOMS STANDARD, U.N.O.; VERIFY WITH OWNER

**REFLECTED CEILING PLAN LEGEND**

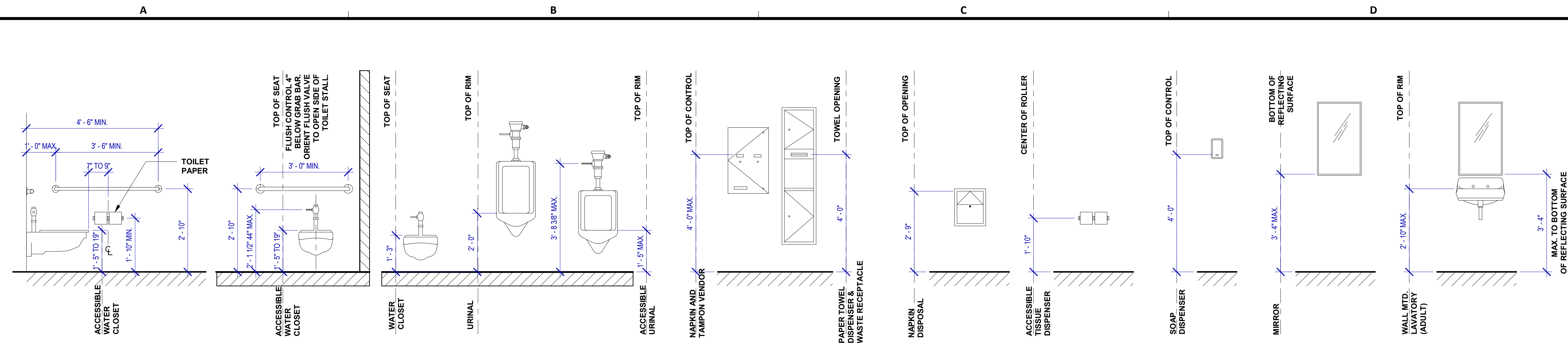
- GYP. BD. CEILING
- ROUND RECESSED CAN LIGHT FIXTURE
- LINEAR RECESSED LIGHT FIXTURE
- DECORATIVE LINEAR LIGHT FIXTURE
- NEW 2x2' TROFFER LIGHT FIXTURE
- NEW PARTITION
- EXISTING PARTITION TO REMAIN
- SUPPLY/EXHAUST LINEAR AIR DEVICE
- SUPPLY AIR DEVICE
- EXHAUST GRILLE
- MC1
- MC2
- MC3



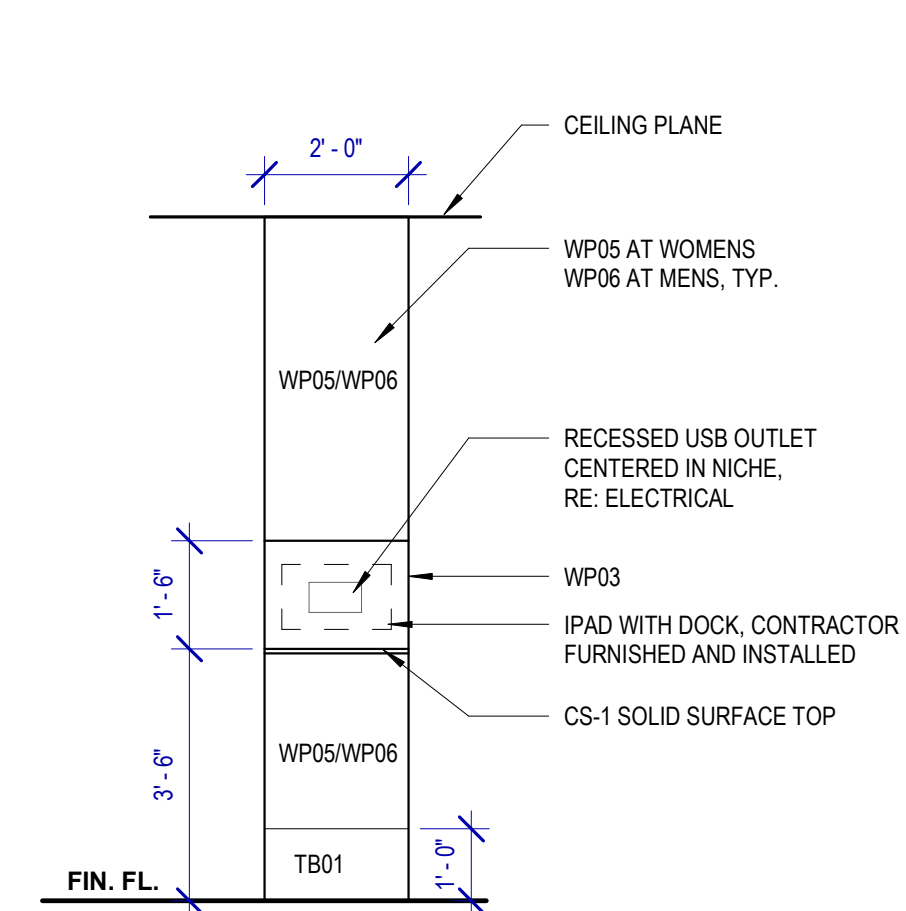
**A1 RCP - STERILE CORRIDOR**  
SCALE: 1/4" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
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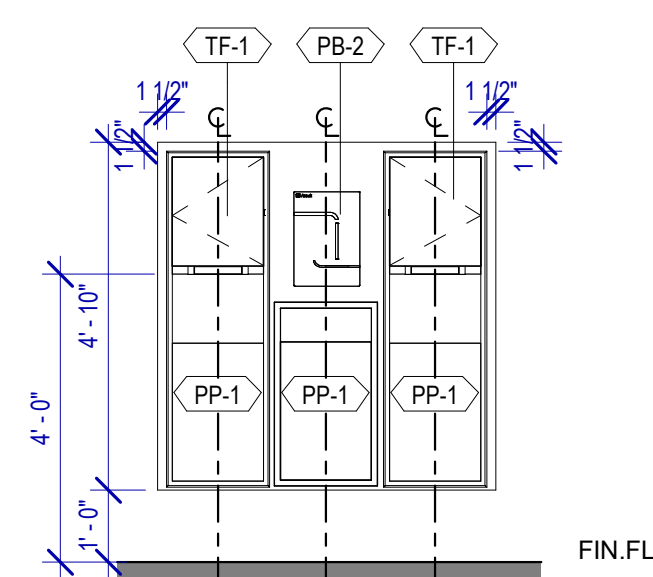




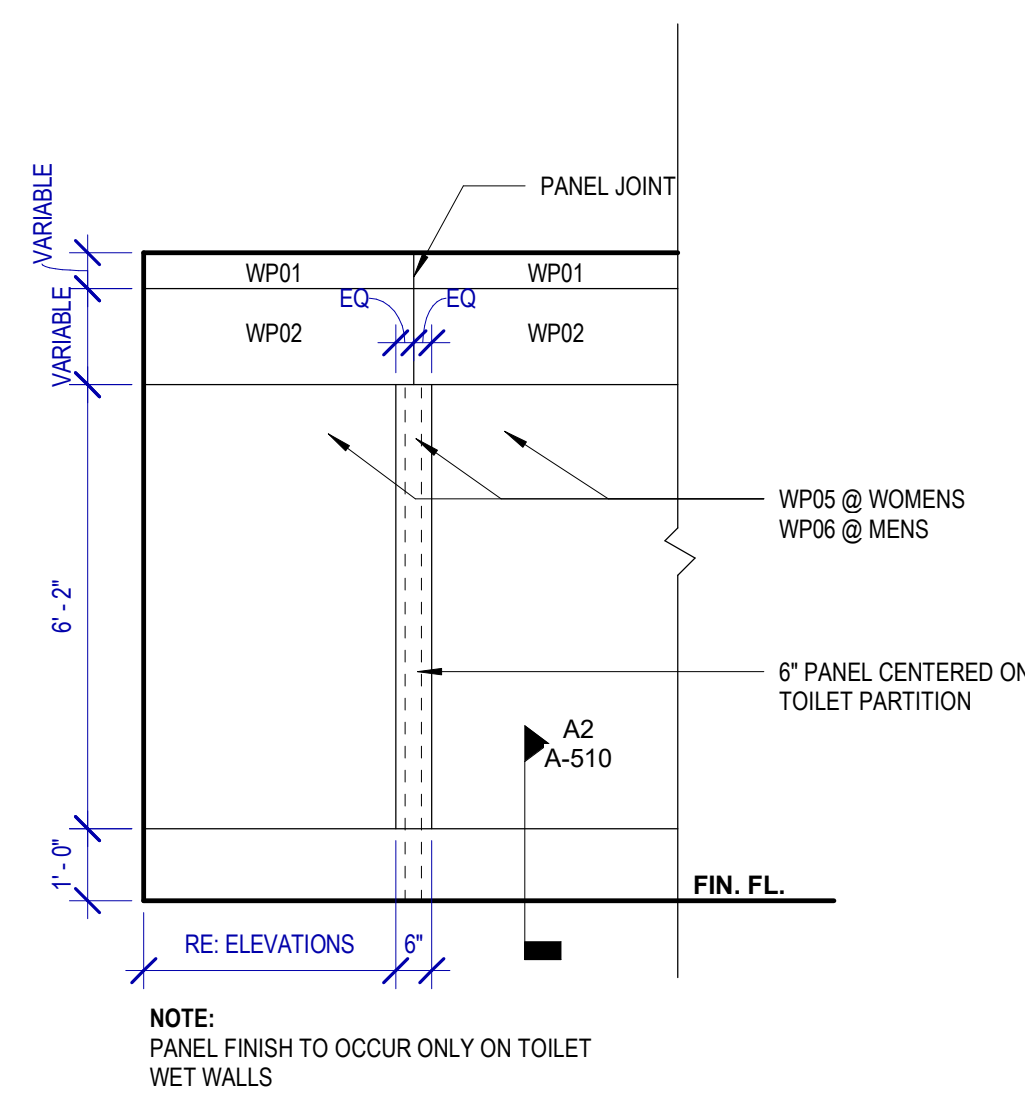
**A4 ADA MOUNTING LOCATIONS - RESTROOMS**  
SCALE: 1/2" = 1'-0"



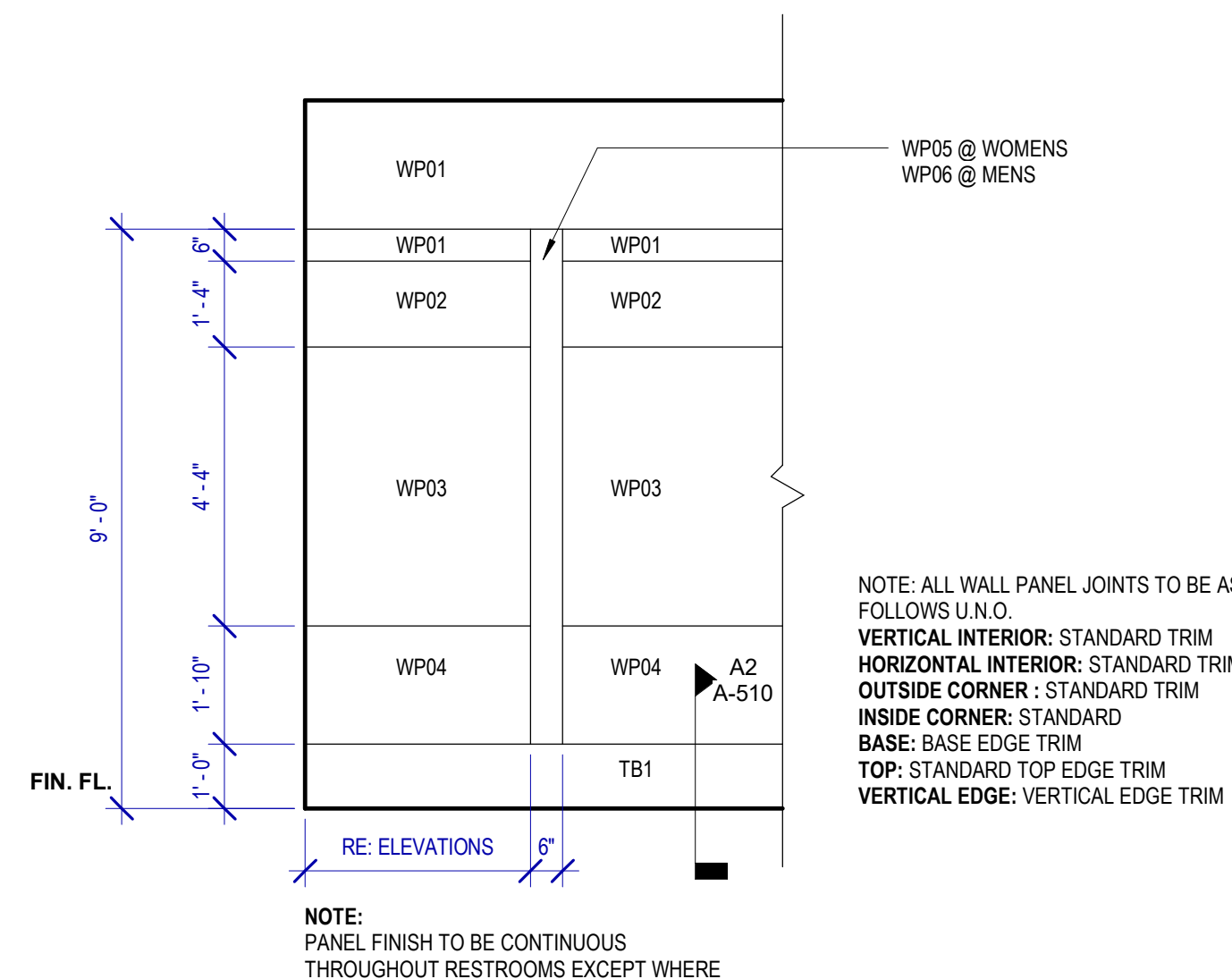
**A3 ELEVATION @ TYP. CUSTOMER IPAD DOCKING**  
SCALE: 3/8" = 1'-0"



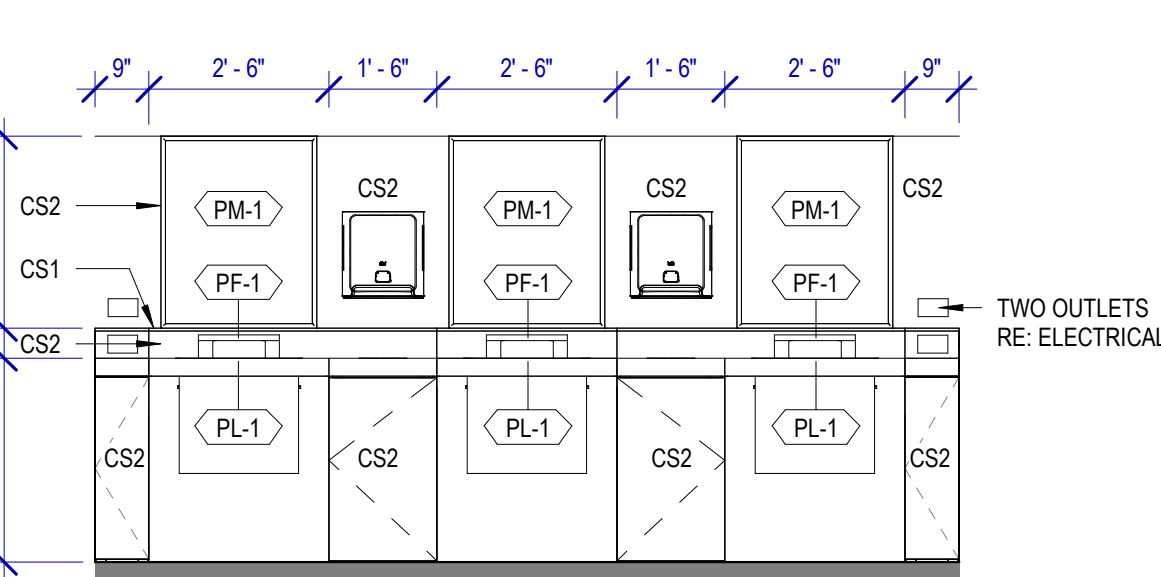
**A2 TYP. ELEVATION AT SANITIZING STATION**  
SCALE: 3/8" = 1'-0"



**B3 TYPICAL WALL PATTERN @ PLUMBING WALL**  
SCALE: 3/8" = 1'-0"



**C3 TYPICAL WALL PATTERN**  
SCALE: 3/8" = 1'-0"



**B2 TYP. LAVATORY**  
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-2 KOALA CARE CHILD SEAT KB102-00
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- 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 STEP 'N WASH FLOOR MOUNTED SELF-RETRACTING STEPT STOOL SNW-SS 975B
- PL-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRILINGTON COAT HOOK
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PM-1 BOBRICK B-167 2632 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 WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PX-1 BOBRICK MOP & BROOM HOLDER B-223

**INTERIOR ELEVATION NOTES**

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. ALL DIMENSION ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
3. PROVIDE BLOCKING AS REQUIRED FOR PARTITION & TOILET ACCESSORIES.
4. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW TILE.



3701 North Terminal Rd  
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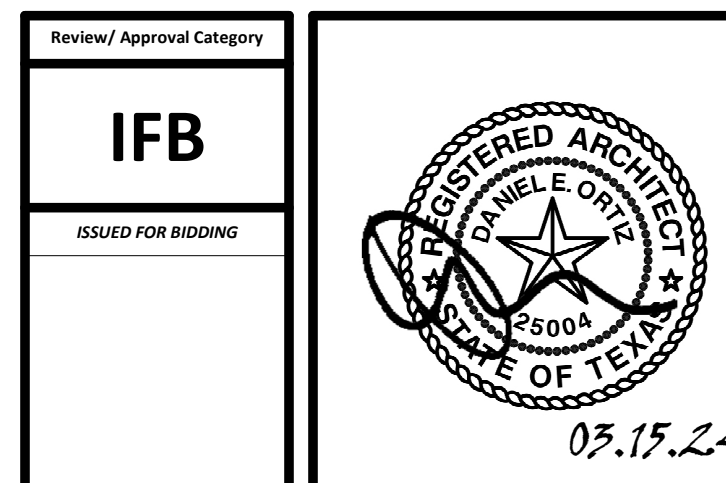
DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

**REVISIONS**

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP  
DRAWN BY: GP/SF  
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ISSUE DATE: 03.15.24  
APPROVED BY: DO  
APPROVAL DATE: 03.15.24

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



**IAH T-D STERILE CORRIDOR**

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DESIGNER PROJECT No.:  
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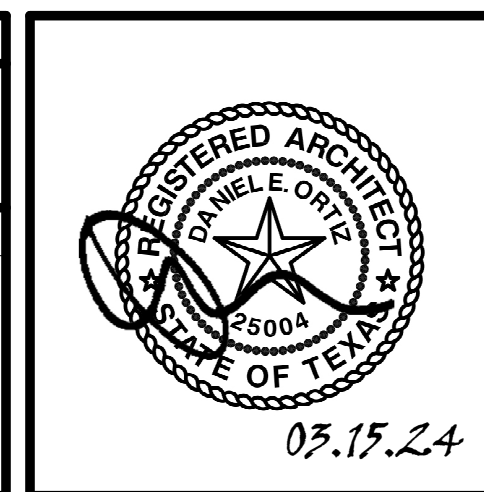
**REVISIONS**

No.	DESCRIPTION	DATE	BY

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CHECKED BY: DO  
ISSUE DATE: 03.15.24  
APPROVED BY: DO  
APPROVAL DATE: 03.15.24

DIRECTOR  
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HOUSTON AIRPORT SYSTEM

IFB  
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SHEET NAME: TYPICAL RESTROOM STALL PLAN & ELEVATIONS  
SHEET No. A-421 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

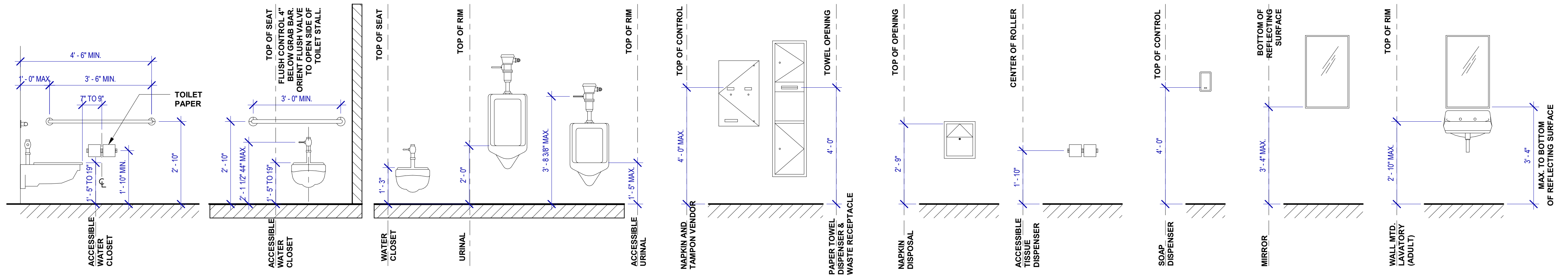
**TOILET ACCESSORIES**

- 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-2 KOALA CARE CHILD SEAT KB102-00
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PF-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 STEP 'N WASH FLOOR MOUNTED SELF-RETRACTING STEPT STOOL SNW-SS 9758
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRISLINGTON COAT HOOK
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PM-1 BOBRICK B-167 2832 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 WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PX-1 BOBRICK MOP & BROOM HOLDER B-223

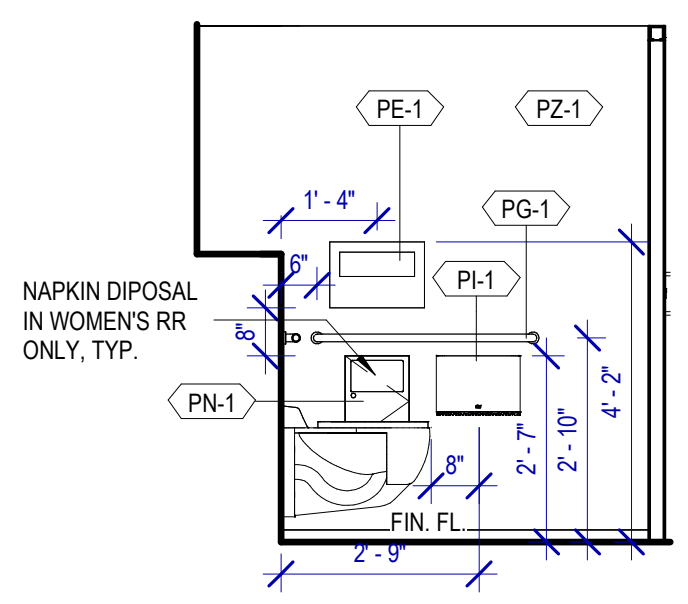
**INTERIOR ELEVATION NOTES**

1. REFER TO SHEET A600 FOR FINISH LEGEND.
2. ALL DIMENSION ARE TAKEN FROM FACE TO FINISH UNLESS OTHERWISE NOTED.
3. PROVIDE BLOCKING AS REQUIRED FOR PARTITION & TOILET ACCESSORIES.
4. INSTALL CEMENT BOARD FOR INSTALLATION OF NEW TILE.

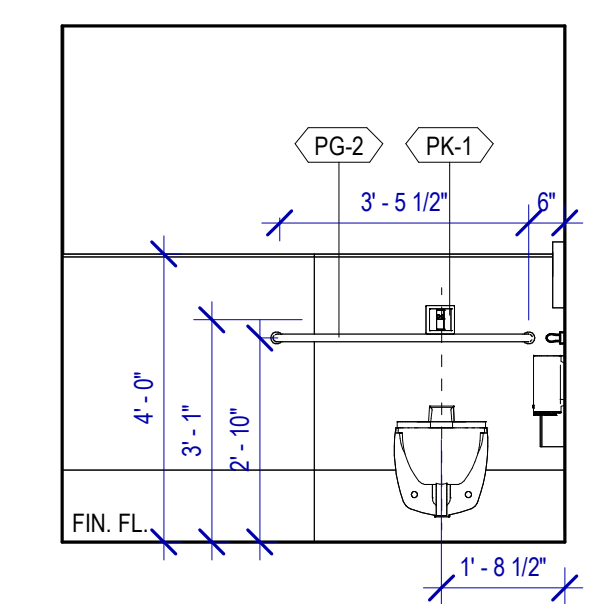
**A4 ADA MOUNTING LOCATIONS - RESTROOMS1**  
SCALE: 1/2" = 1'-0"



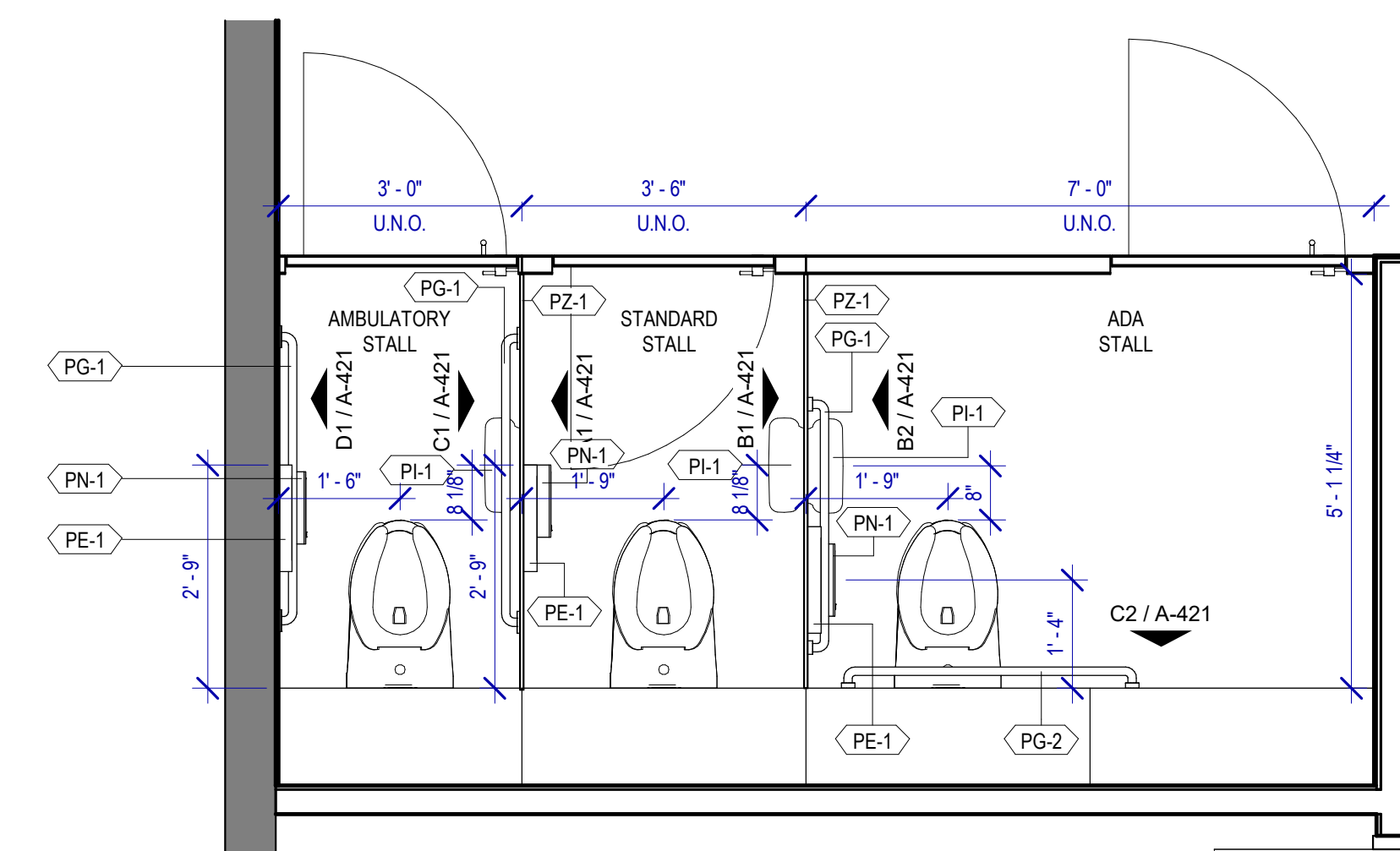
**B2 TYP. ADA STALL ELEVATION - B**  
SCALE: 3/8" = 1'-0"



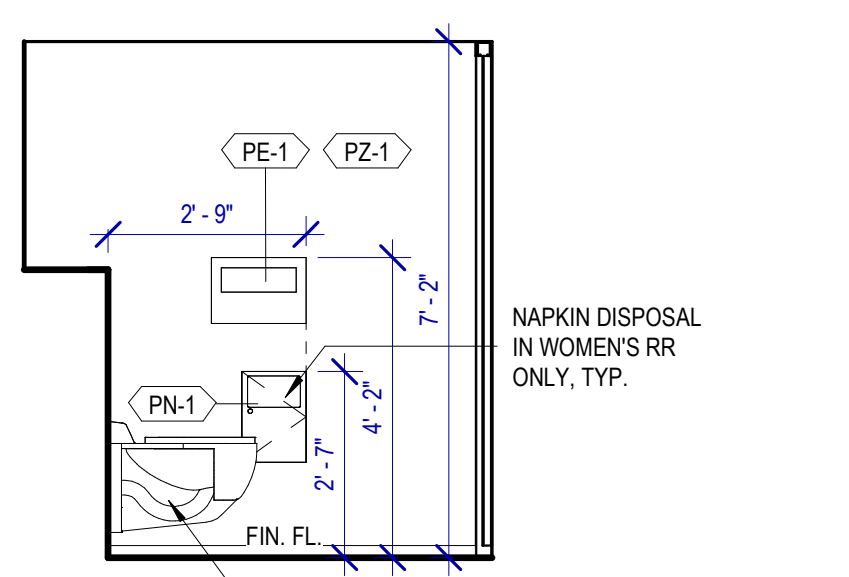
**C2 TYP. ADA STALL - BACK**  
SCALE: 3/8" = 1'-0"



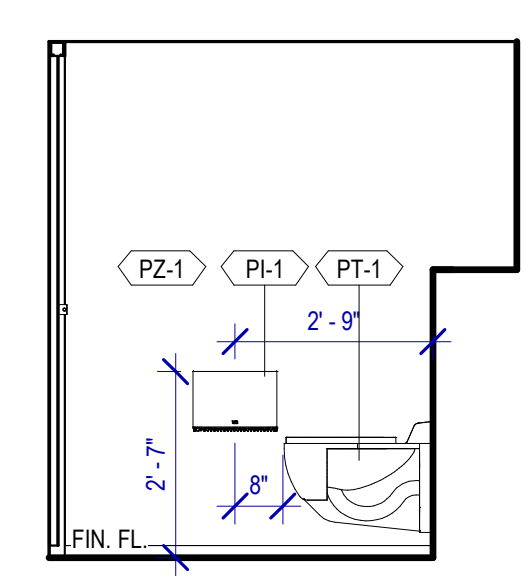
**D2 TYP. TOILET STALL ENLARGED FLOOR PLANS**  
SCALE: 1/2" = 1'-0"



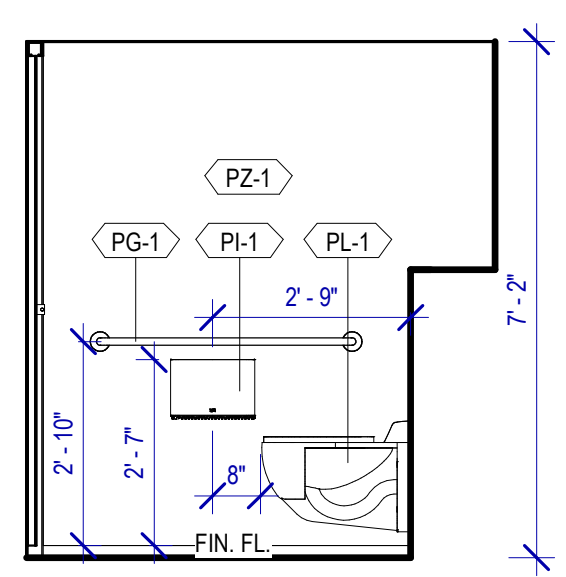
**A1 TYP. STANDARD STALL ELEVATION - A**  
SCALE: 3/8" = 1'-0"



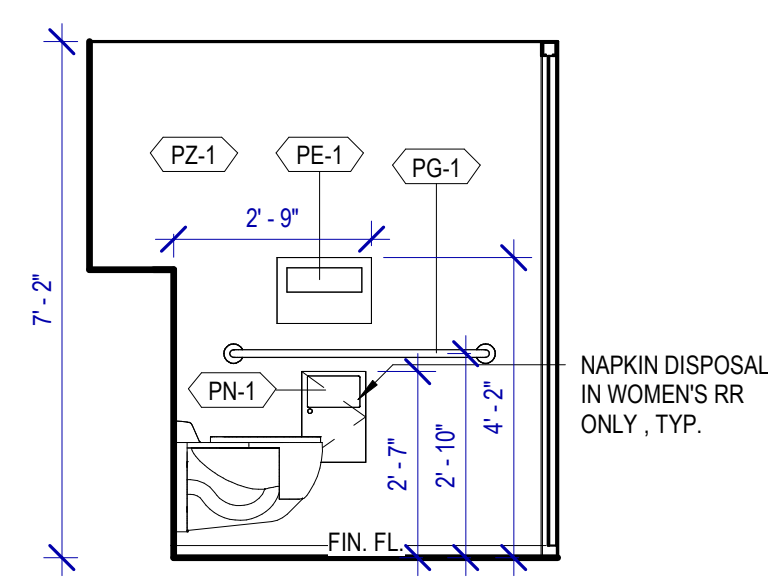
**B1 TYP. STANDARD STALL ELEVATION - B**  
SCALE: 3/8" = 1'-0"



**C1 TYP. AMBULATORY STALL ELEVATION - A**  
SCALE: 3/8" = 1'-0"



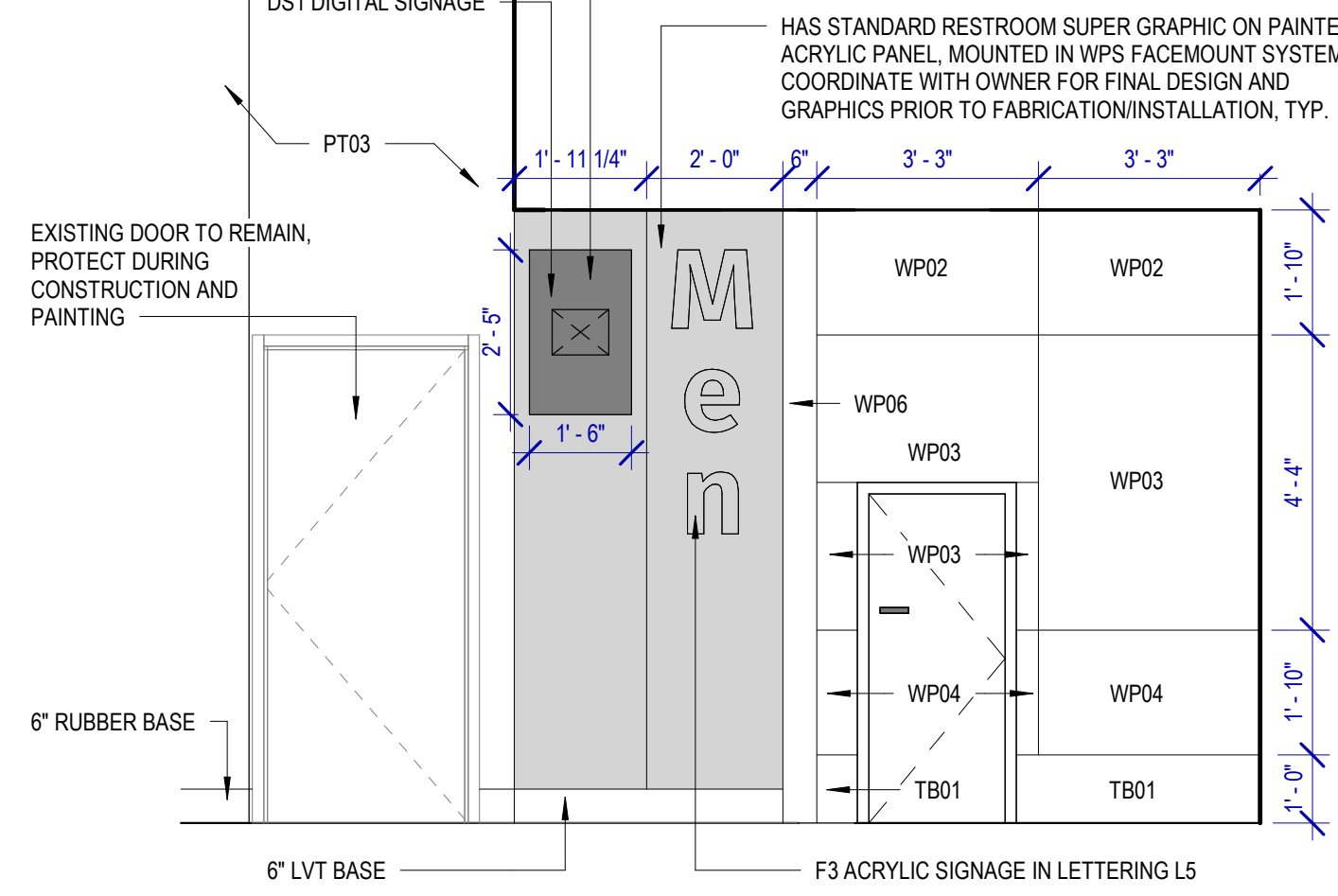
**D1 TYP. AMBULATORY STALL ELEVATION - B**  
SCALE: 3/8" = 1'-0"



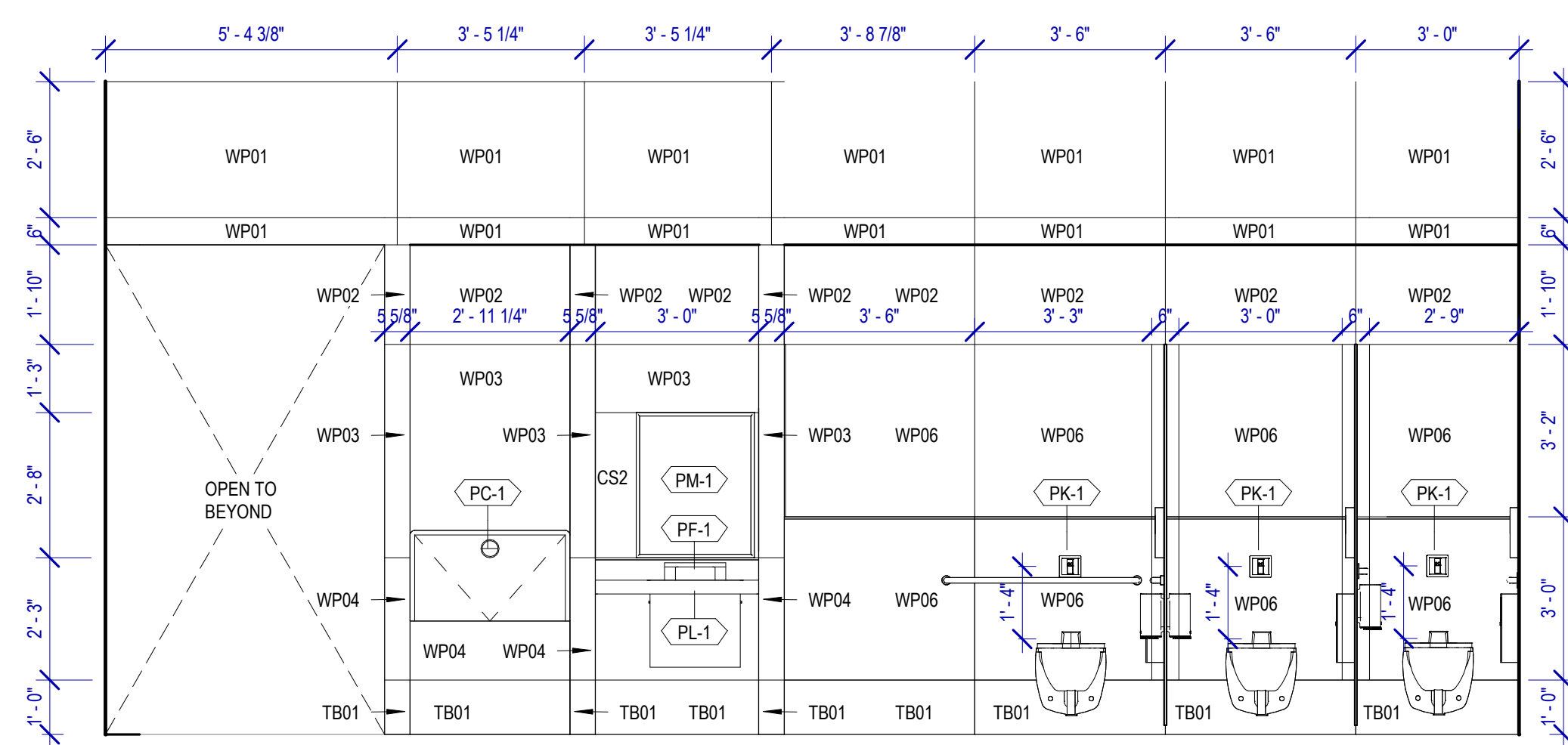
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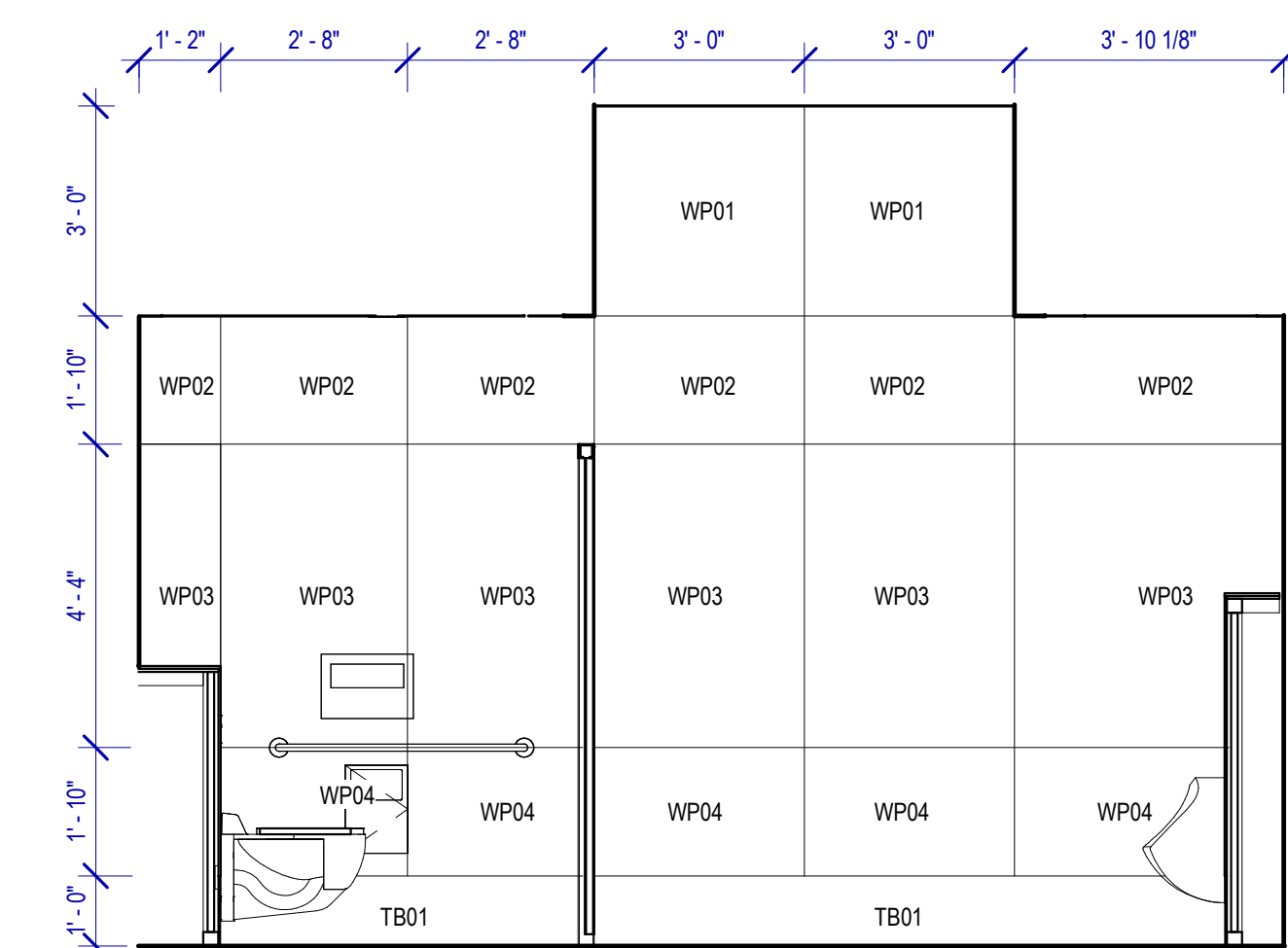
DS3 PROVIDE POWER AND DATA COVERPLATE BEHIND DISPLAY TO BE FLUSH WITH WALL FINISH AND ABOVE SMARTMOUNT. REFER TECHNOLOGY DRAWINGS.



**A4 MEN RESTROOM ELEVATION-8**  
SCALE: 3/8" = 1'-0"

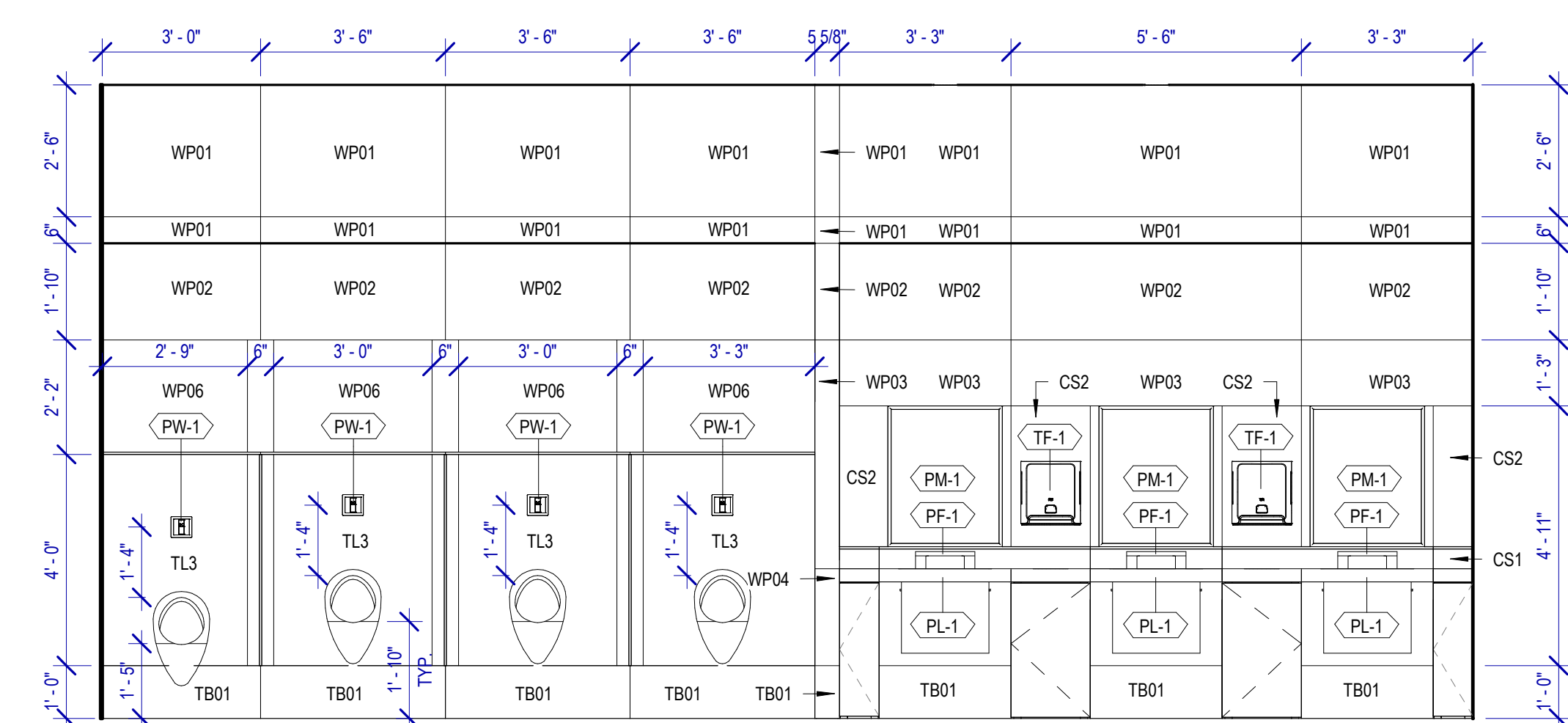


**A3 MEN RESTROOM ELEVATION-3**  
SCALE: 3/8" = 1'-0"

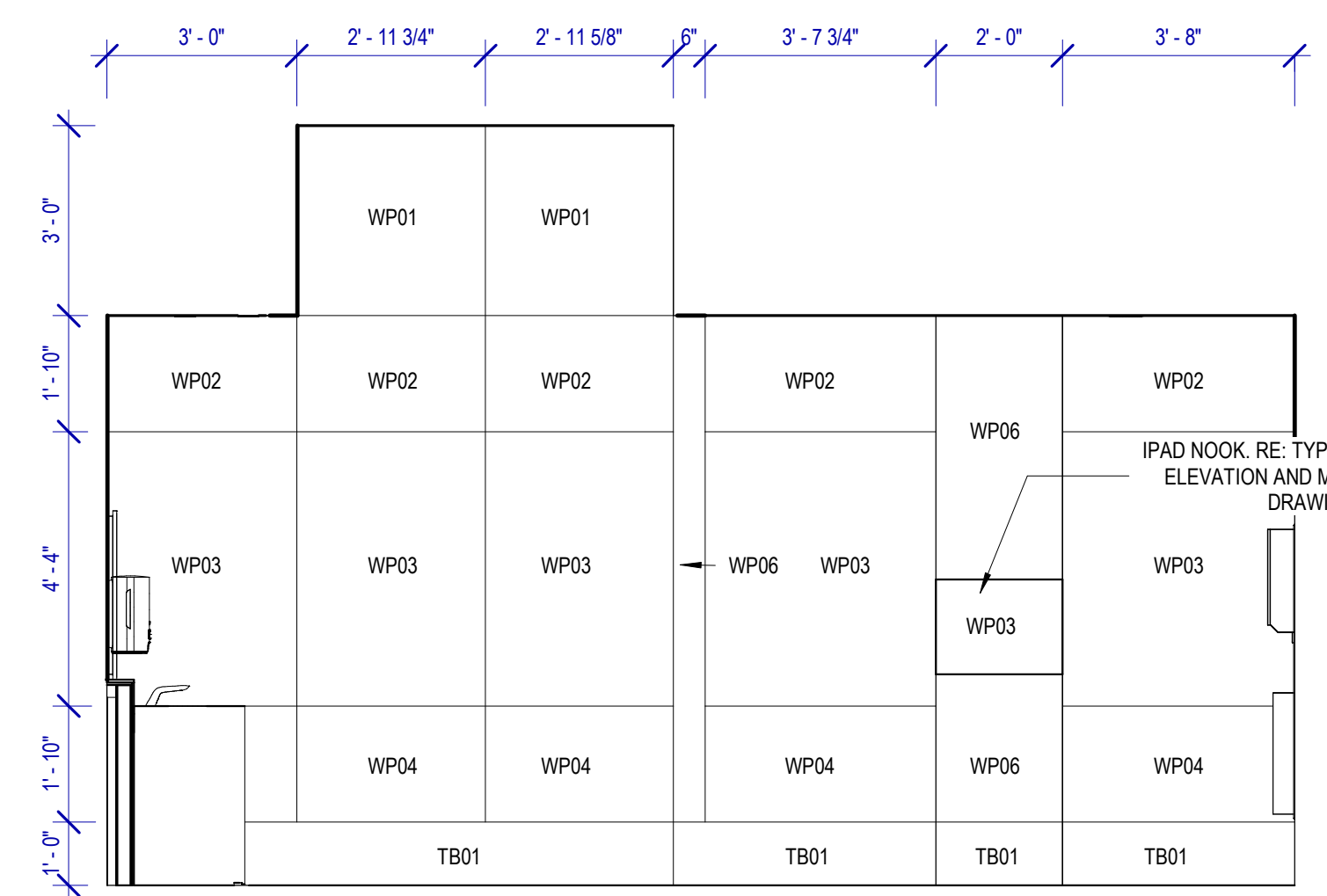


**A2 MEN RESTROOM ELEVATION-1**  
SCALE: 3/8" = 1'-0"

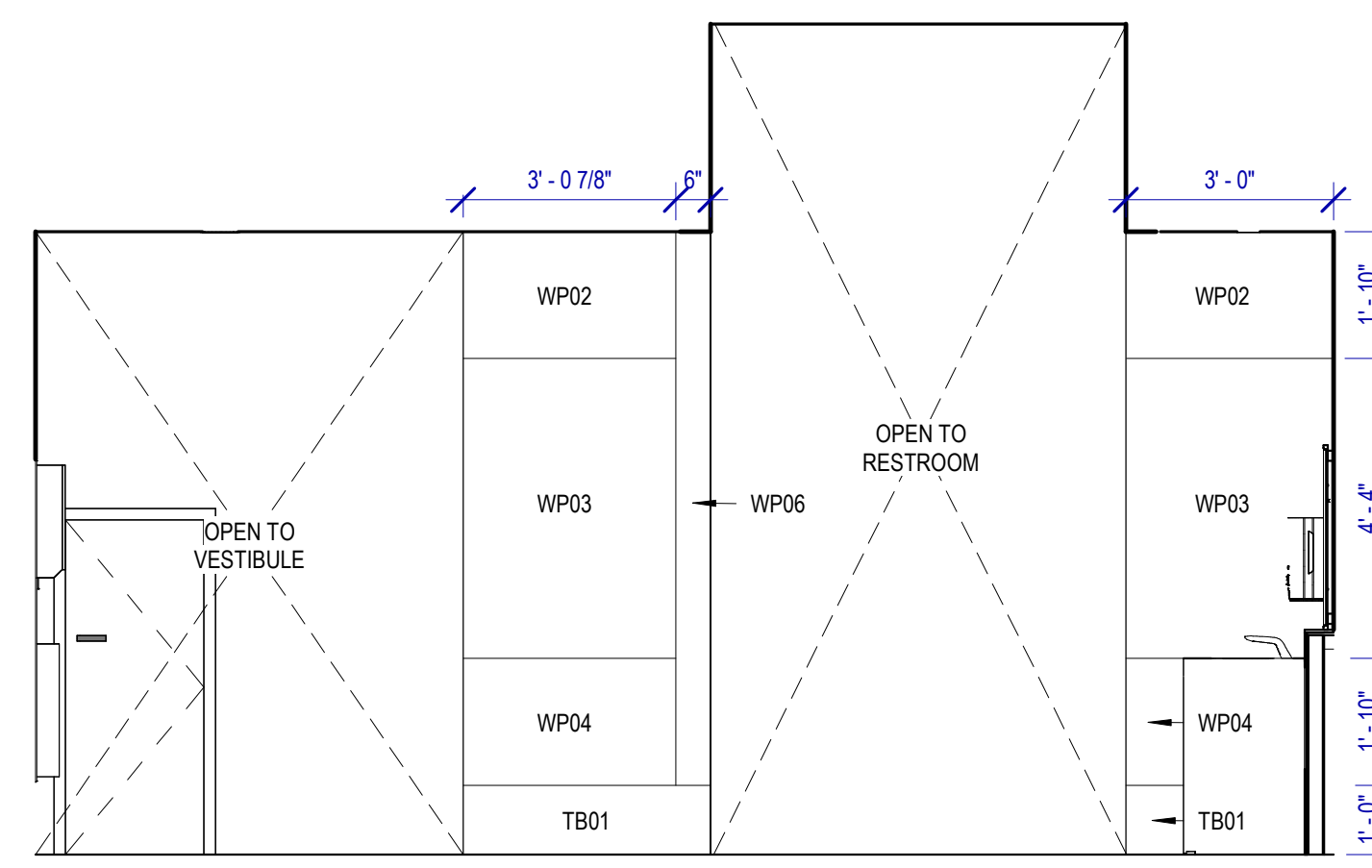
**B2 MEN RESTROOM ELEVATION-6**  
SCALE: 3/8" = 1'-0"



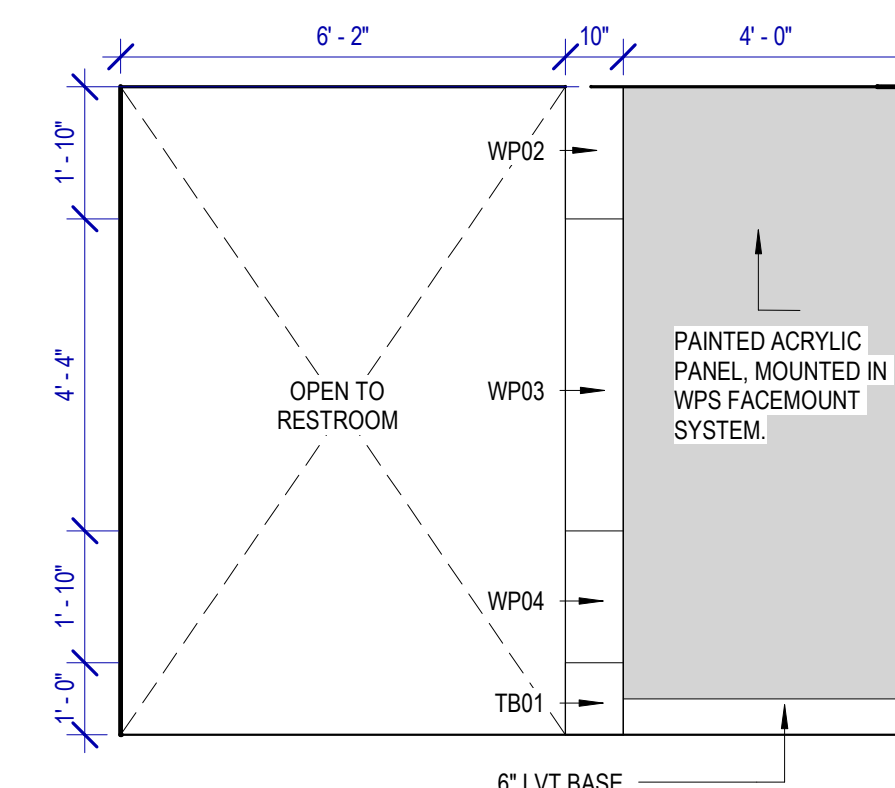
**A1 MEN RESTROOM ELEVATION-2**  
SCALE: 3/8" = 1'-0"



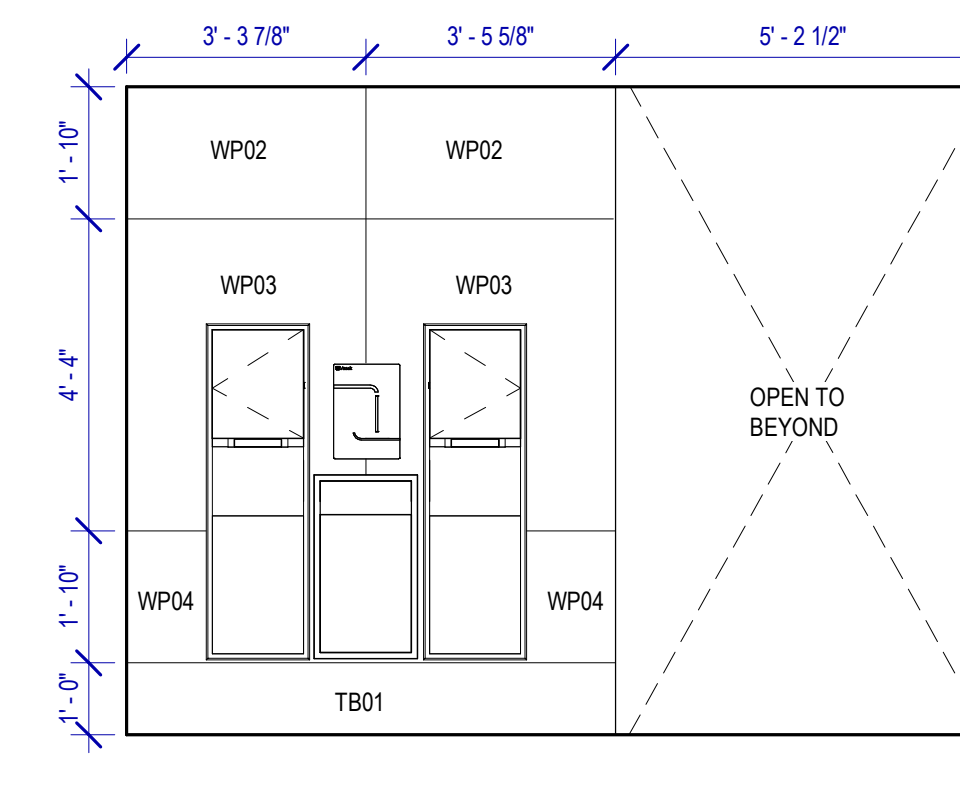
**C4 MEN RESTROOM ELEVATION-4**  
SCALE: 3/8" = 1'-0"



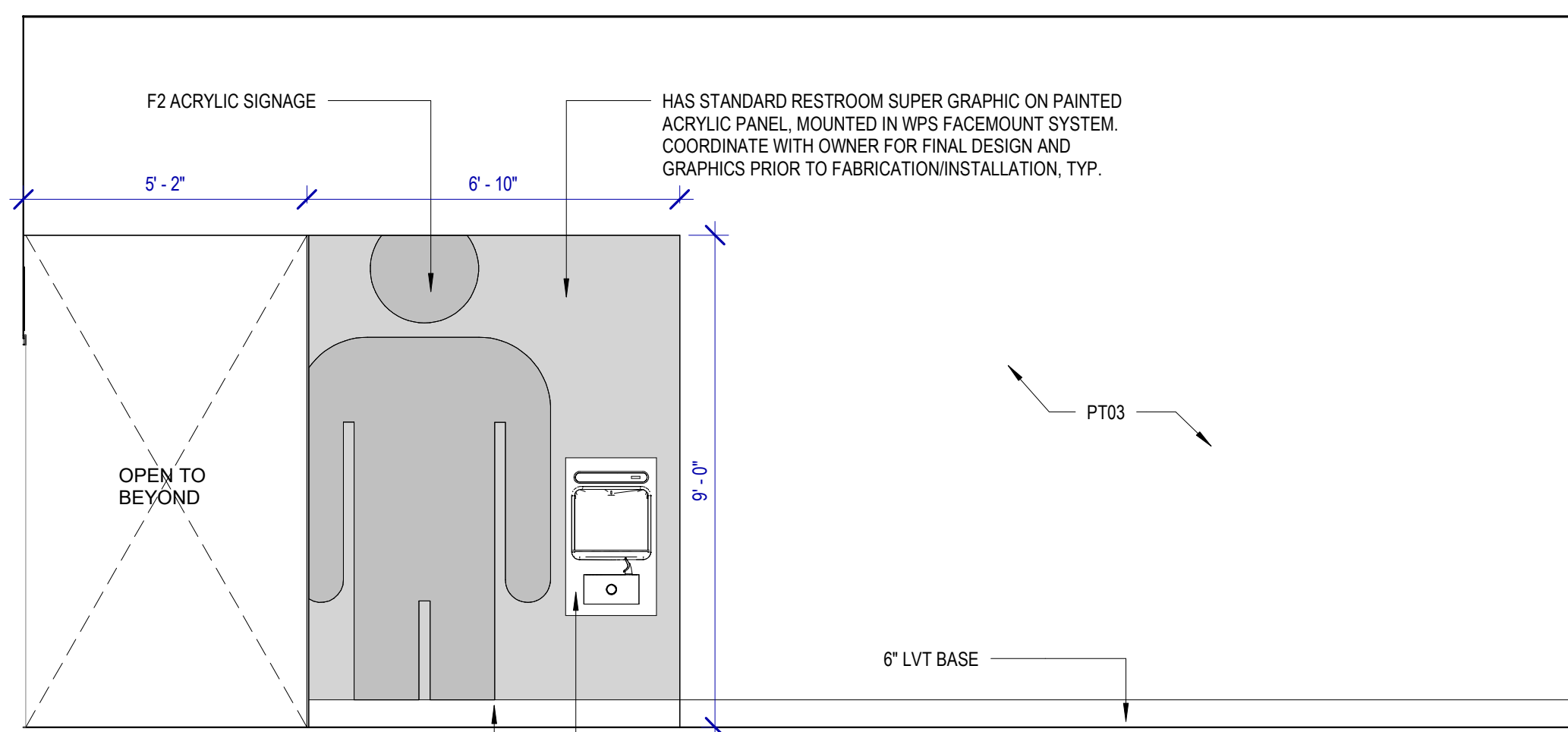
**C3 MEN RESTROOM ELEVATION-5**  
SCALE: 3/8" = 1'-0"



**C2 Elevation 17 - a**  
SCALE: 3/8" = 1'-0"



**D2 MEN RESTROOM ELEVATION-7**  
SCALE: 3/8" = 1'-0"



**C1 MEN RESTROOM ELEVATION-9**  
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-2 KOALA CARE CHILD SEAT KB102-00
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
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- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PX-1 BOBRICK MOP & BROOM HOLDER B-223

**PLUMBING FIXTURES**

- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- 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
- PY-1 ZURN MOP SINK 1996-24



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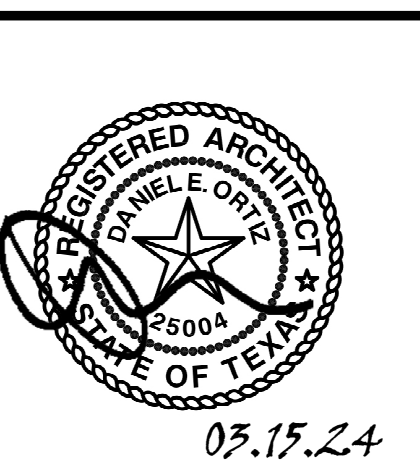
**REVISIONS**

No.	DESCRIPTION	DATE	BY

DESIGN BY: GP  
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APPROVED BY: DO  
APPROVAL DATE: 03.15.24

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SHEET NAME: INTERIOR ELEVATIONS - MENS RR  
SHEET No. A-422 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1



**IAH T-D STERILE CORRIDOR**

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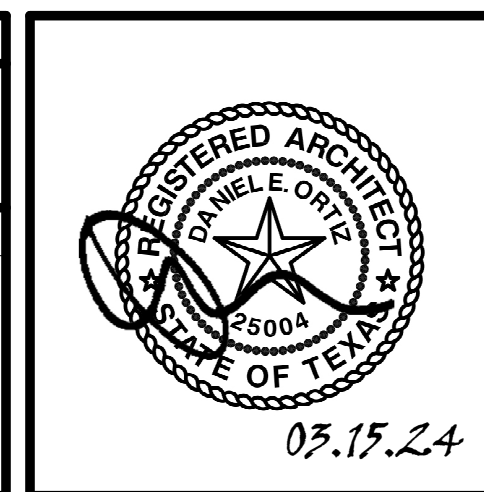
**REVISIONS**

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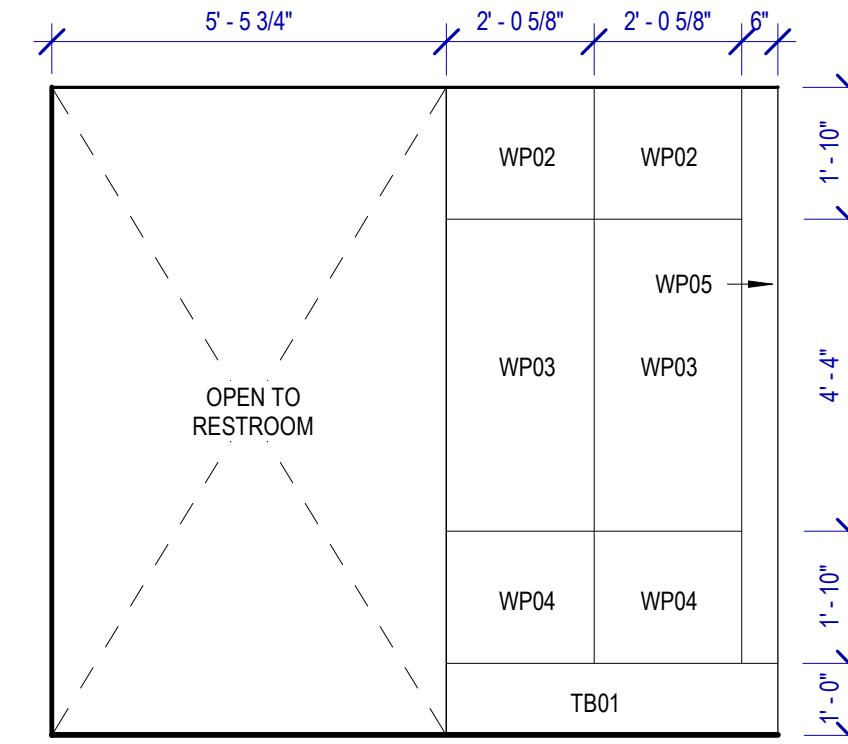
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INTERIOR ELEVATIONS - WOMENS RR  
SHEET No. A-423 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

**TOILET ACCESSORIES**

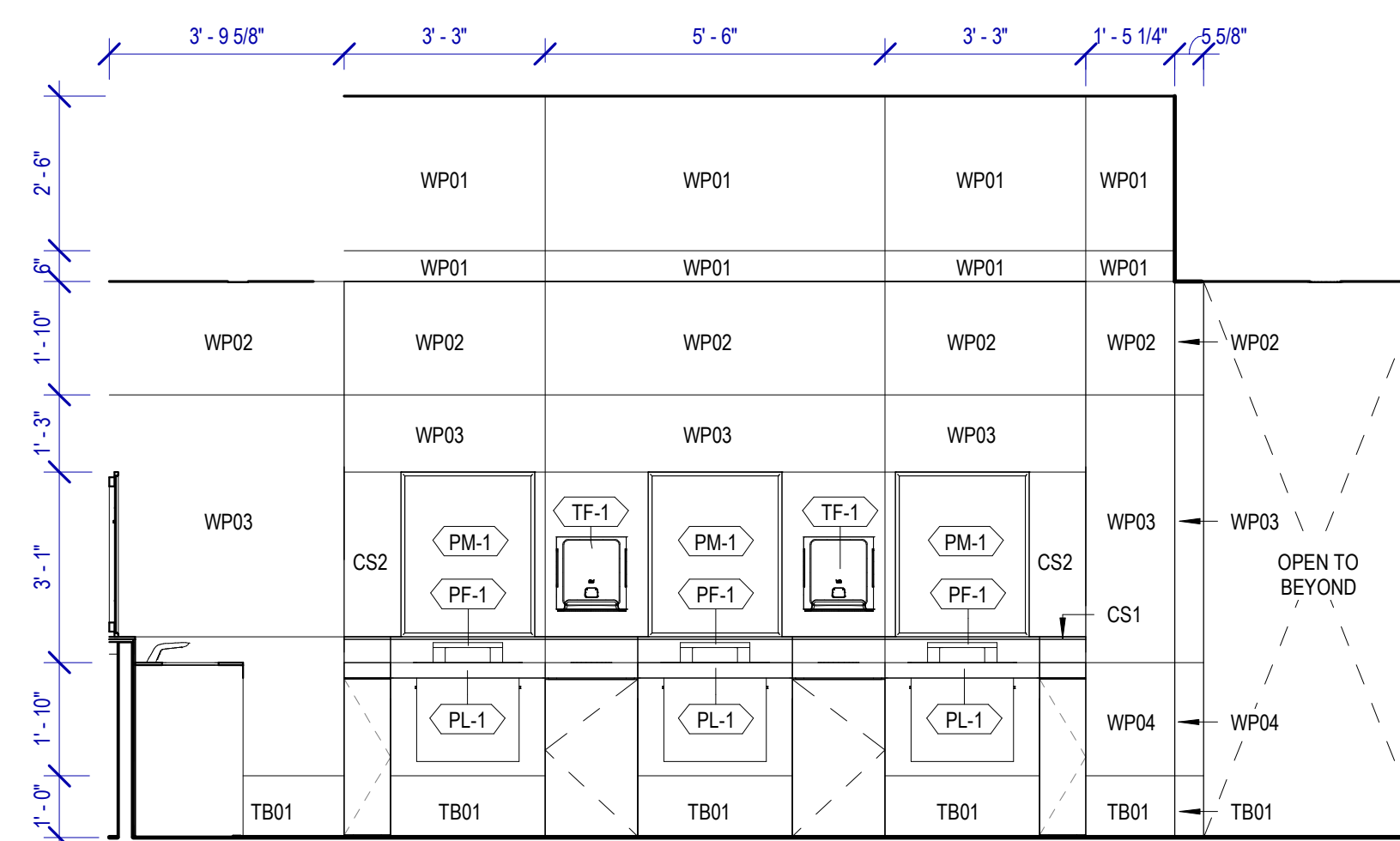
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
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- PG-2 BOBRICK 36" GRAB BAR B-5806
- PH-1 STEP 'N WASH FLOOR MOUNTED SELF-RETRACTING STEPT STOOL SNW-SS 975B
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRISLINGTON COAT HOOK
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PM-1 BOBRICK B-167 2632 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 WITH CHASE TELU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PX-1 BOBRICK MOP & BROOM HOLDER B-223

**PLUMBING FIXTURES**

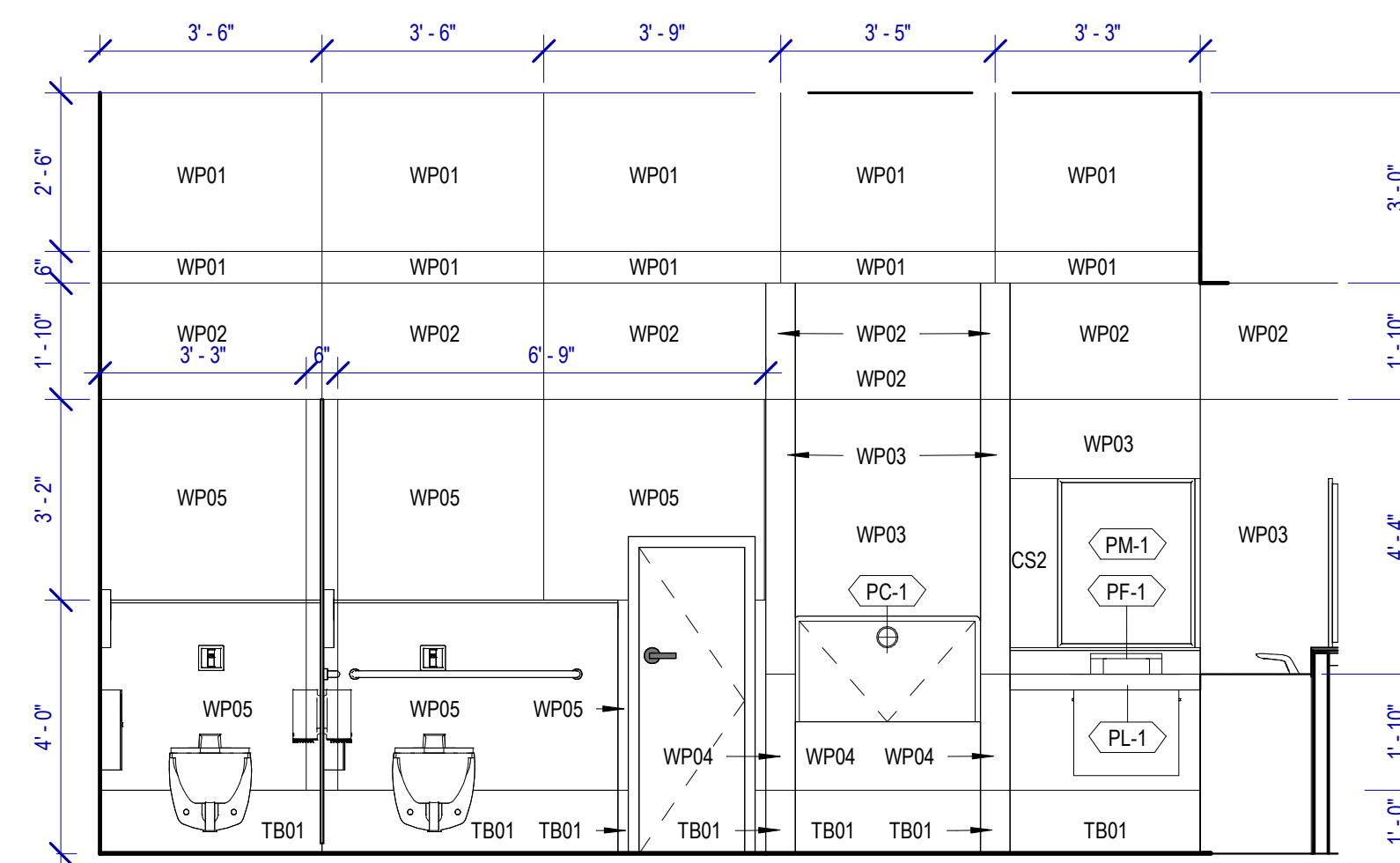
- PL-1 BRADLEY WB-ER1 EVERO UNDERMOUNT KIT
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION
- PY-1 ZURN MOP SINK 1996-24



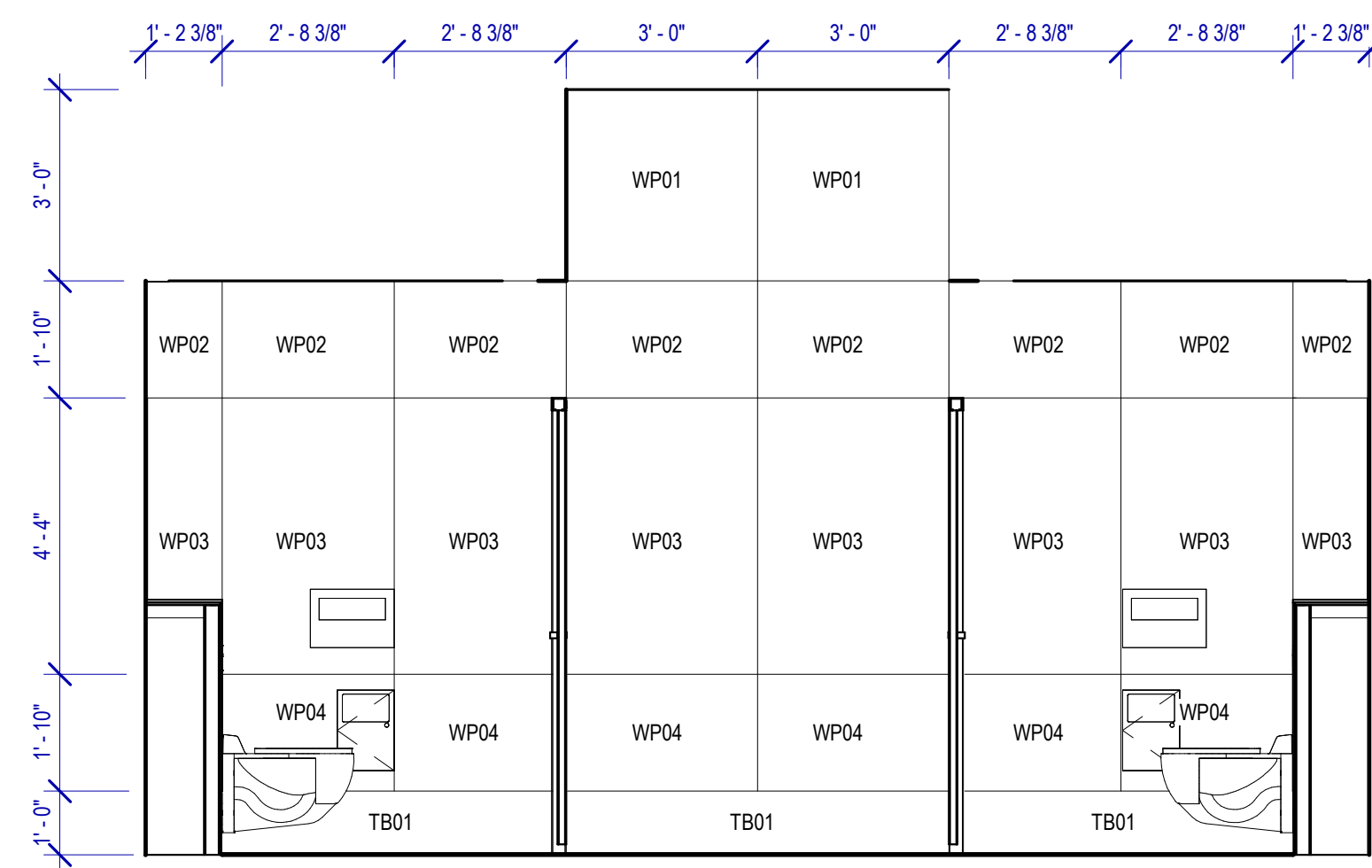
**C4 WOMEN RESTROOM ELEVATION 5**  
SCALE: 3/8" = 1'-0"



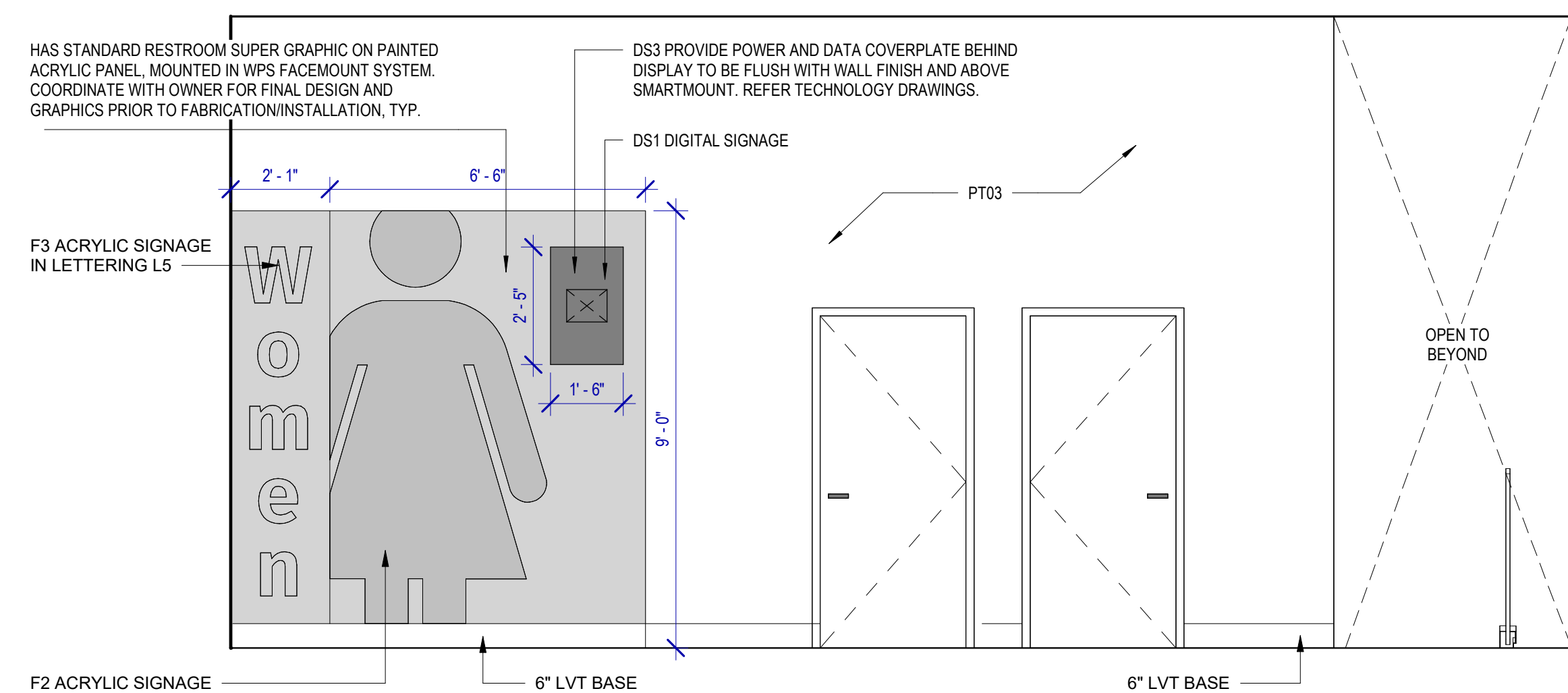
**C3 WOMEN RESTROOM ELEVATION 4**  
SCALE: 3/8" = 1'-0"



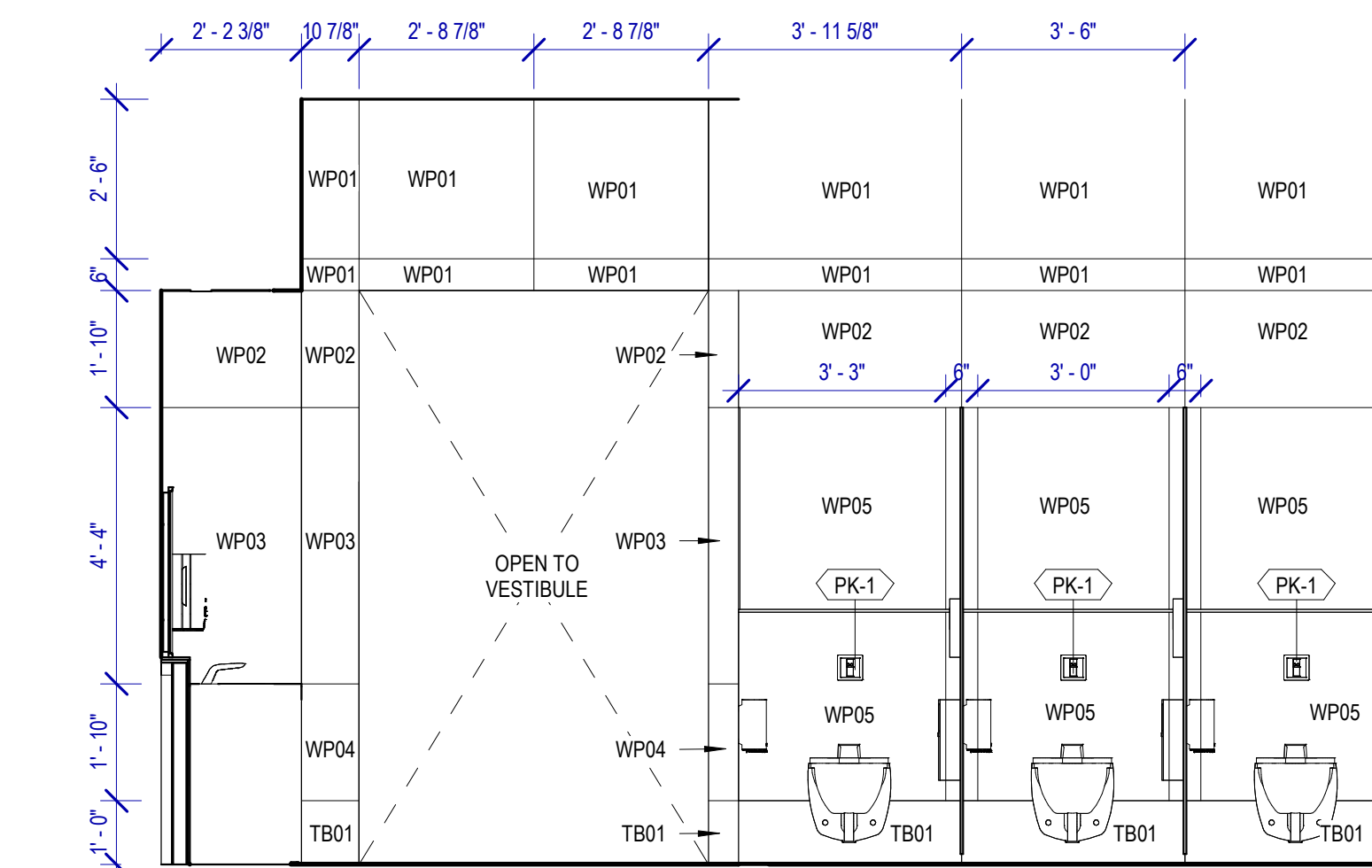
**C2 WOMEN RESTROOM ELEVATION 10**  
SCALE: 3/8" = 1'-0"



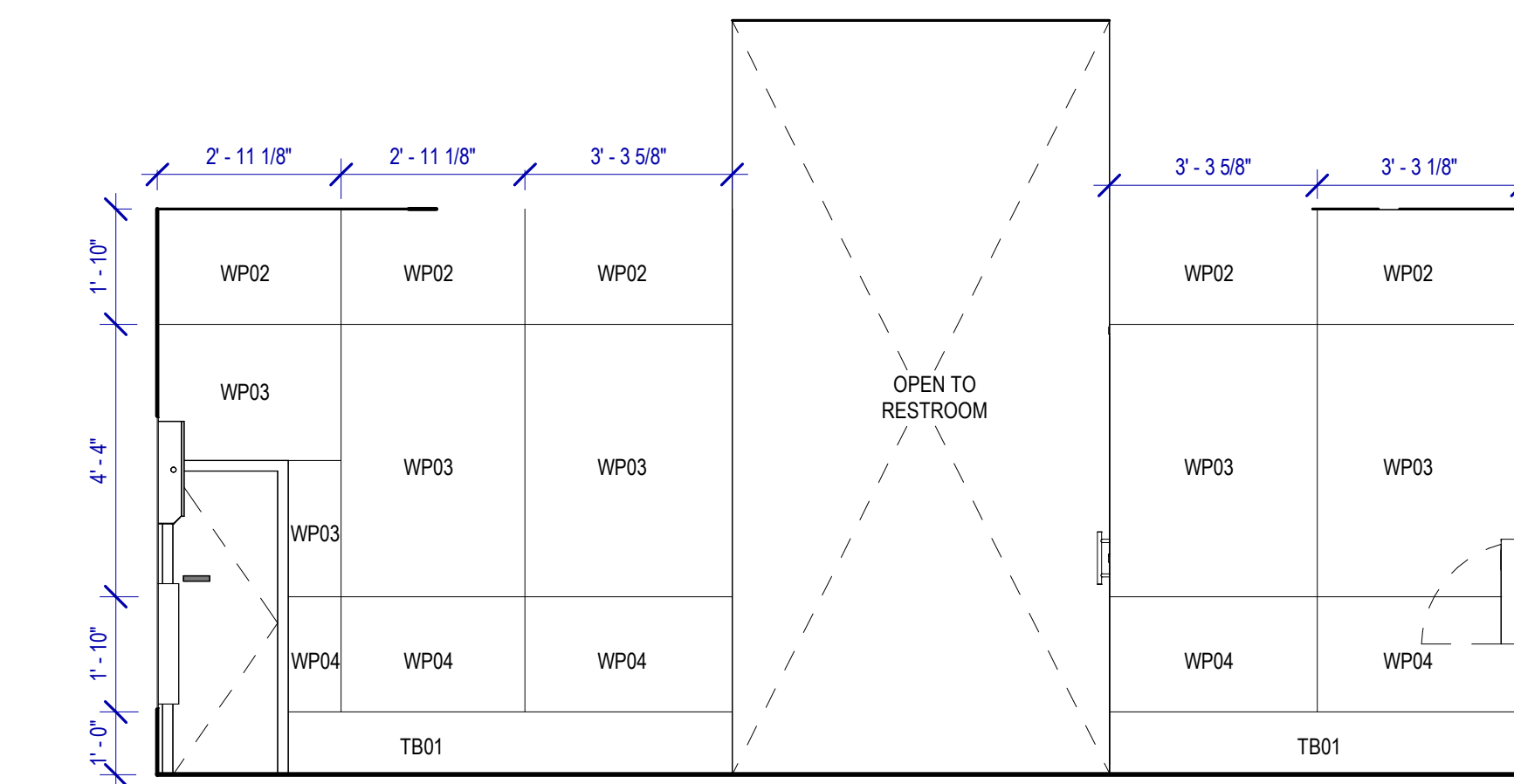
**C1 WOMEN RESTROOM ELEVATION 9**  
SCALE: 3/8" = 1'-0"



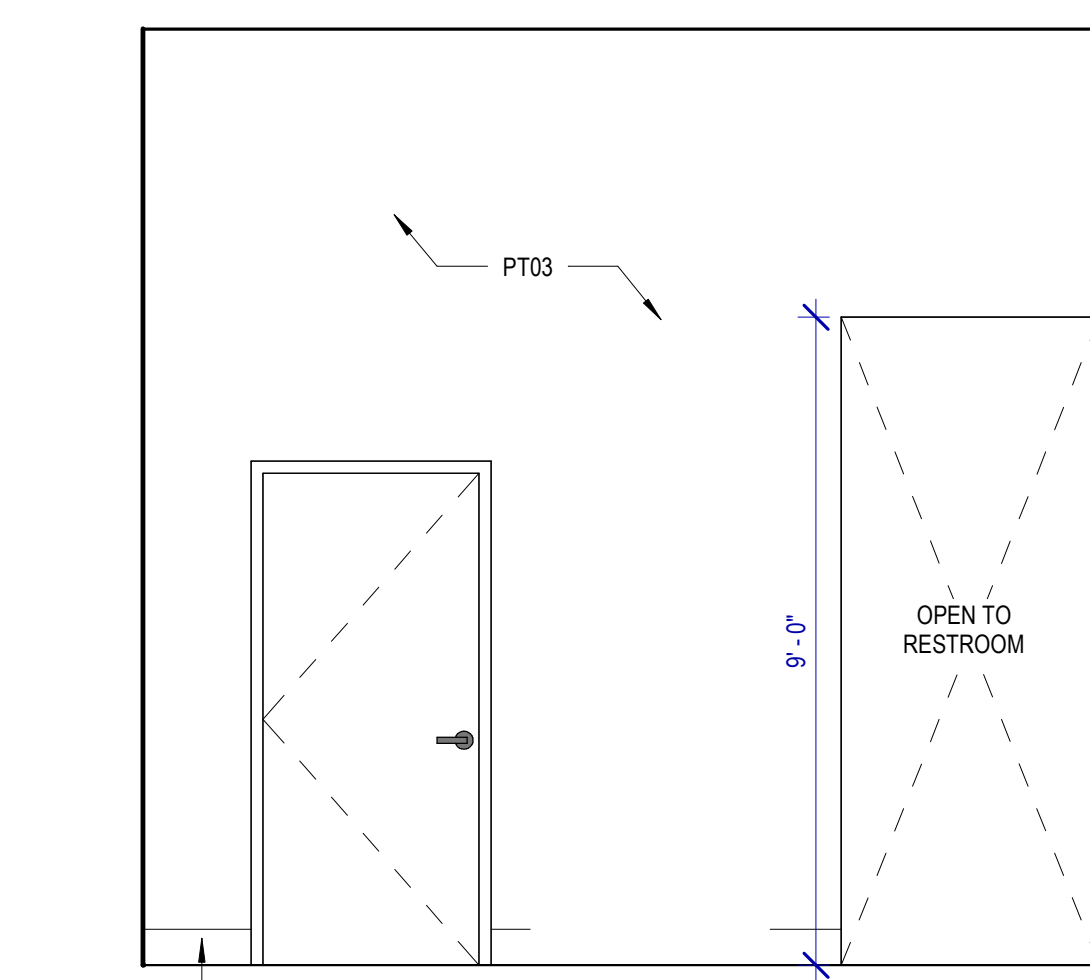
**A4 WOMEN RESTROOM ELEVATION 9**  
SCALE: 3/8" = 1'-0"



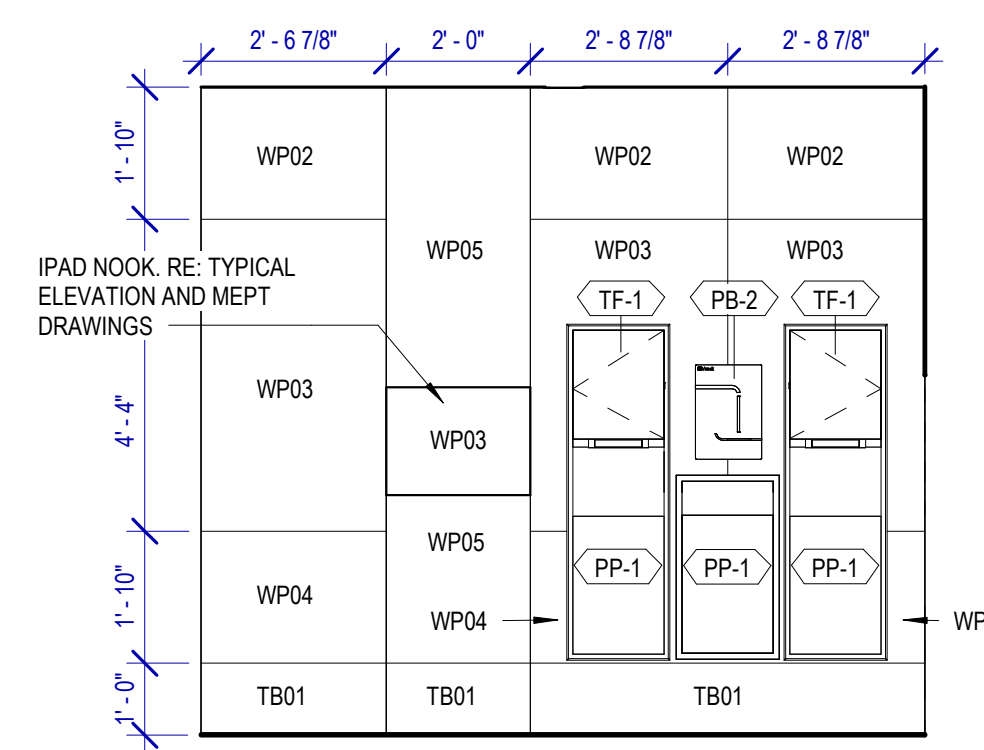
**A3 WOMEN RESTROOM ELEVATION 8**  
SCALE: 3/8" = 1'-0"



**A2 WOMEN RESTROOM ELEVATION 6**  
SCALE: 3/8" = 1'-0"



**A1 WOMEN RESTROOM ELEVATION 1**  
SCALE: 3/8" = 1'-0"



**B1 WOMEN RESTROOM ELEVATION 7**  
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
 PLOT DATE: DOA DWG FILE: OLD DOA No.:  
 HAS FILE: PLOT DATE:



**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

**RDLR Architects**  
ARCHITECTURE PLANNING INTERIORS

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



**HENDERSON ROGERS**  
structural engineers

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



DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

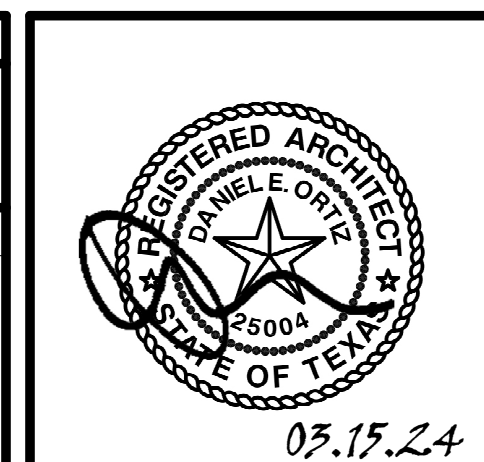
**REVISIONS**

No.	DESCRIPTION	DATE	BY

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

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

IFB  
ISSUED FOR BIDDING



SHEET NAME:  
INTERIOR ELEVATIONS - CIRCULATION AREA

SHEET No. A-424 SCALE: As indicated

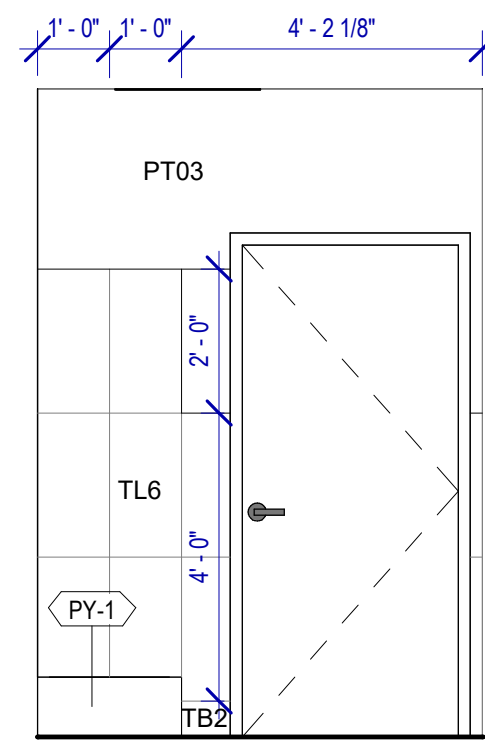
SHEET SIZE: 30"x42" ARCH E1

**TOILET ACCESSORIES**

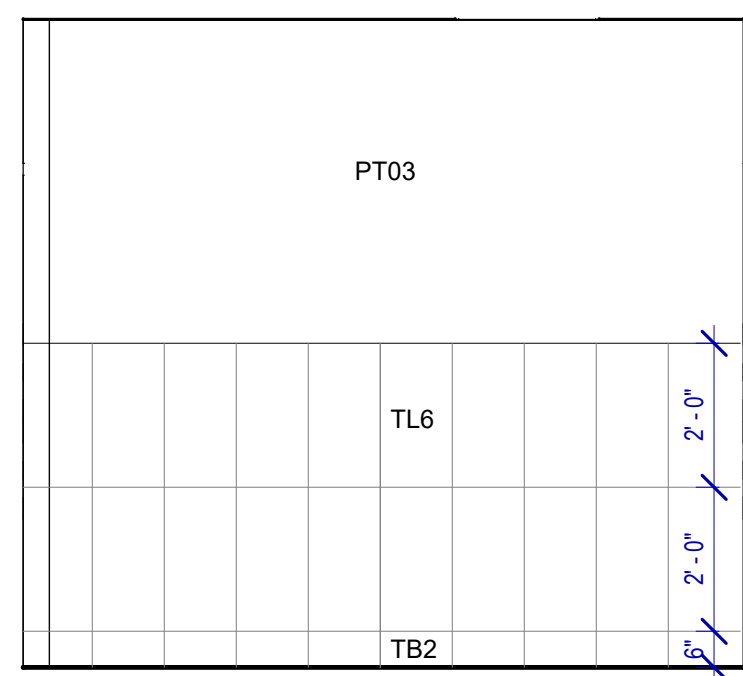
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 VAASK IN-WALL HAND SANITIZER
- PC-1 KOALA CARE BABY CHANGING STATION KB310-SSRE
- PC-2 KOALA CARE CHILD SEAT KB102-00
- PC-3 BOBRICK WASTE RECEPTACLE 35633
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 BRADLEY WASHBAR WB01
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PH-1 STEP 'N WASH FLOOR MOUNTED SELF-RETRACTING STEPT STOOL SNW-SS 975B
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 THRISLINGTON COAT HOOK
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**PLUMBING FIXTURES**

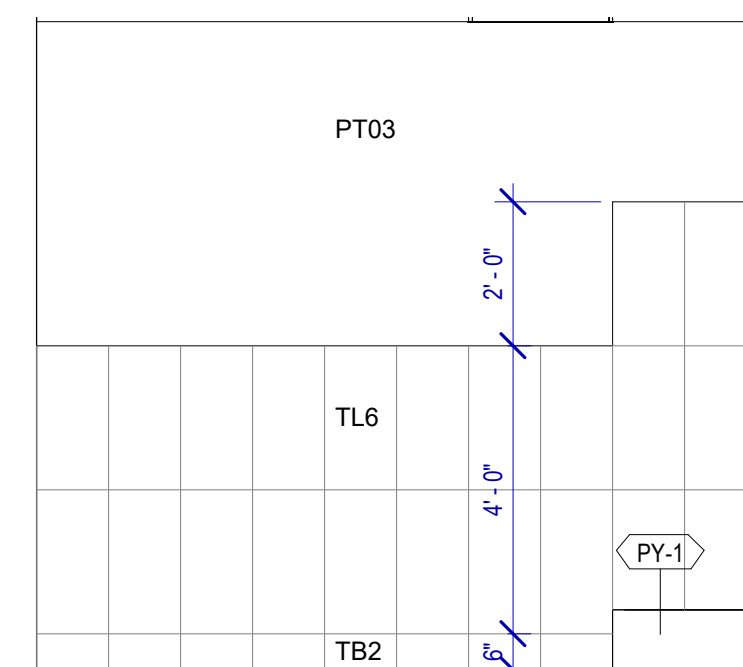
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- PY-1 ZURN MOP SINK 1996-24



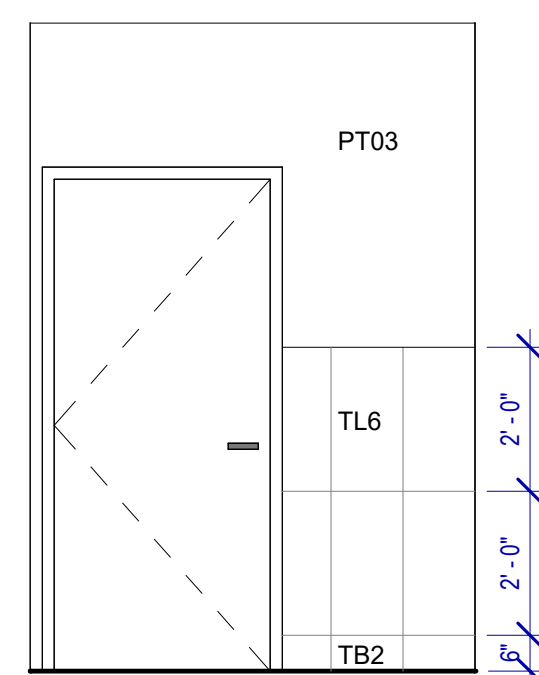
**A4 JANITOR'S CLOSET/STORAGE INT. ELEVATION-2**  
SCALE: 3/8" = 1'-0"



**A3 JANITOR'S CLOSET/STORAGE INT. ELEVATION-3**  
SCALE: 3/8" = 1'-0"



**A2 JANITOR'S CLOSET/STORAGE INT. ELEVATION-1**  
SCALE: 3/8" = 1'-0"



**A1 JANITOR'S CLOSET/STORAGE INT. ELEVATION-4**  
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt

HAS FILE:

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





3701 North Terminal Rd  
Houston, Texas 77032

**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

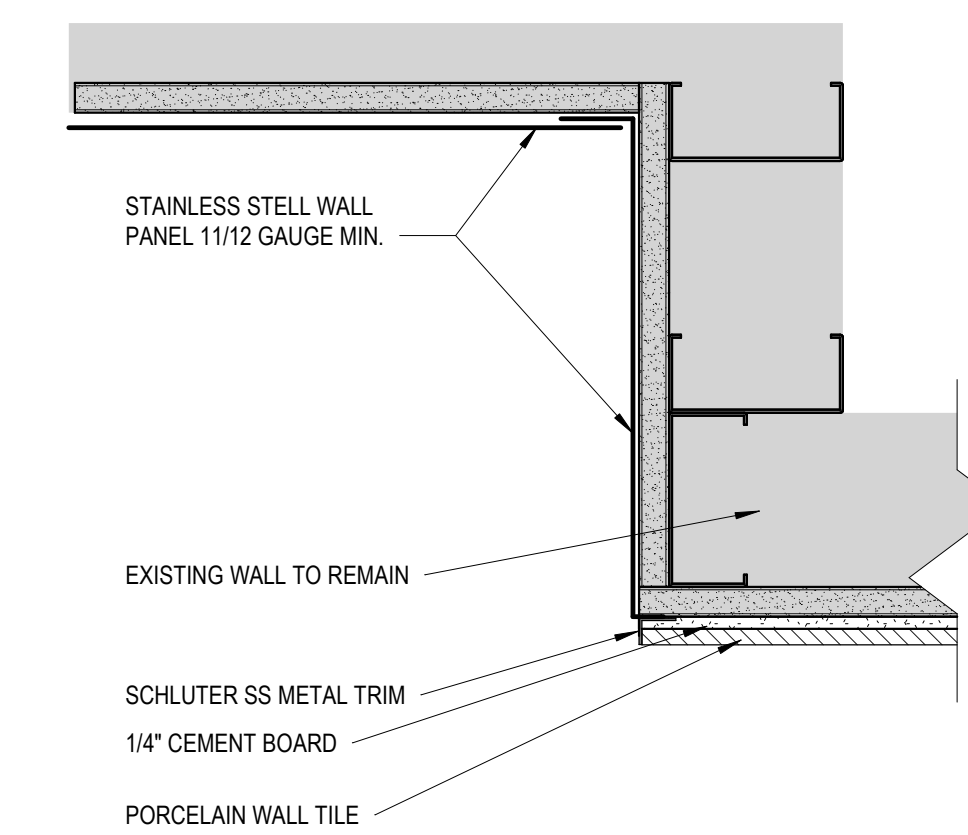
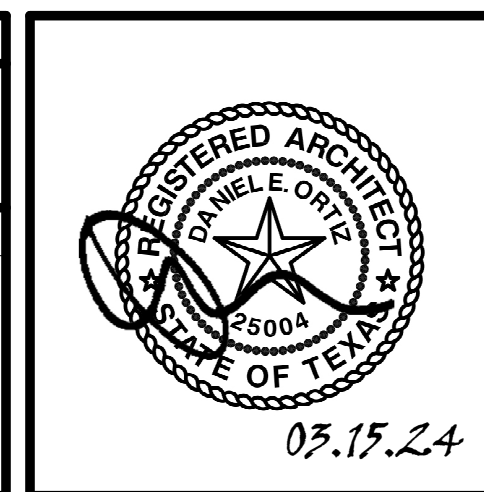
**REVISIONS**

No.	DESCRIPTION	DATE	BY

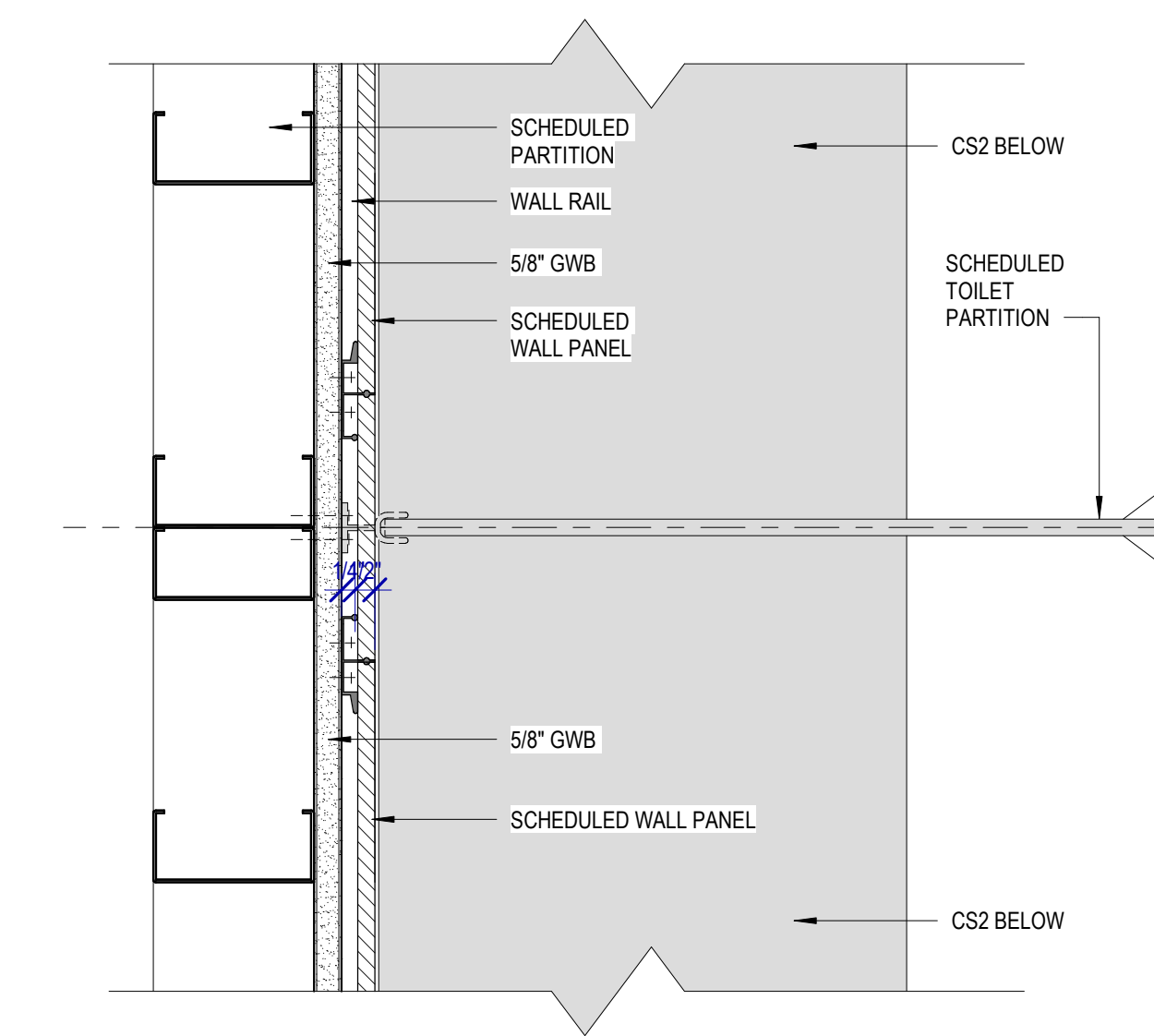
DESIGN BY: GP  
DRAWN BY: GP/SF  
CHECKED BY: DO  
ISSUE DATE: 03.15.24  
APPROVED BY: DO  
APPROVAL DATE: 03.15.24

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

IFB  
ISSUED FOR BIDDING



**D2 ALUMINUM DETAIL AT DRINKING FOUNTAIN**  
SCALE: 3" = 1'-0"



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

SHEET NAME: PLAN DETAILS  
SHEET No. A-500 SCALE: 3" = 1'-0"  
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23 IAH T-D STERILE CORRIDOR-Central.rvt  
HAS FILE:  
PLOT DATE:  
DOA DWG FILE:  
OLD DOA No.:







**DOOR AND DOOR SCHEDULE GENERAL NOTES**

- ALL DOOR SIZES ARE TO JAMB OPENING SIZE.
- ALL UNDERCUT DOOR REQUIREMENTS FOR VARIOUS FLOOR FINISHES SHALL BE VERIFIED AND COORDINATED BY THE CONTRACTOR.
- ALL DOOR OPENINGS, FRAMES, AND HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE CODES.
- COORDINATE ALL DOORS AND DETAILS TO PROVIDE ADEQUATE CLEARANCE AND FRAME REINFORCEMENT FOR HARDWARE TYPES.
- TYPICAL DOOR BEVEL TO BE 1/8" IN 2", UNLESS NOTED OTHERWISE BY THE REQUIRED HARDWARE TEMPLATES.
- ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE SIDE OF EGRESS WITHOUT USE OF SPECIAL KNOWLEDGE OR EFFORT.
- DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE LOCATED 4" FROM THE FINISHED WALL TO OUTSIDE OF FINISHED JAMB.

**DOOR HARDWARE NOTES**

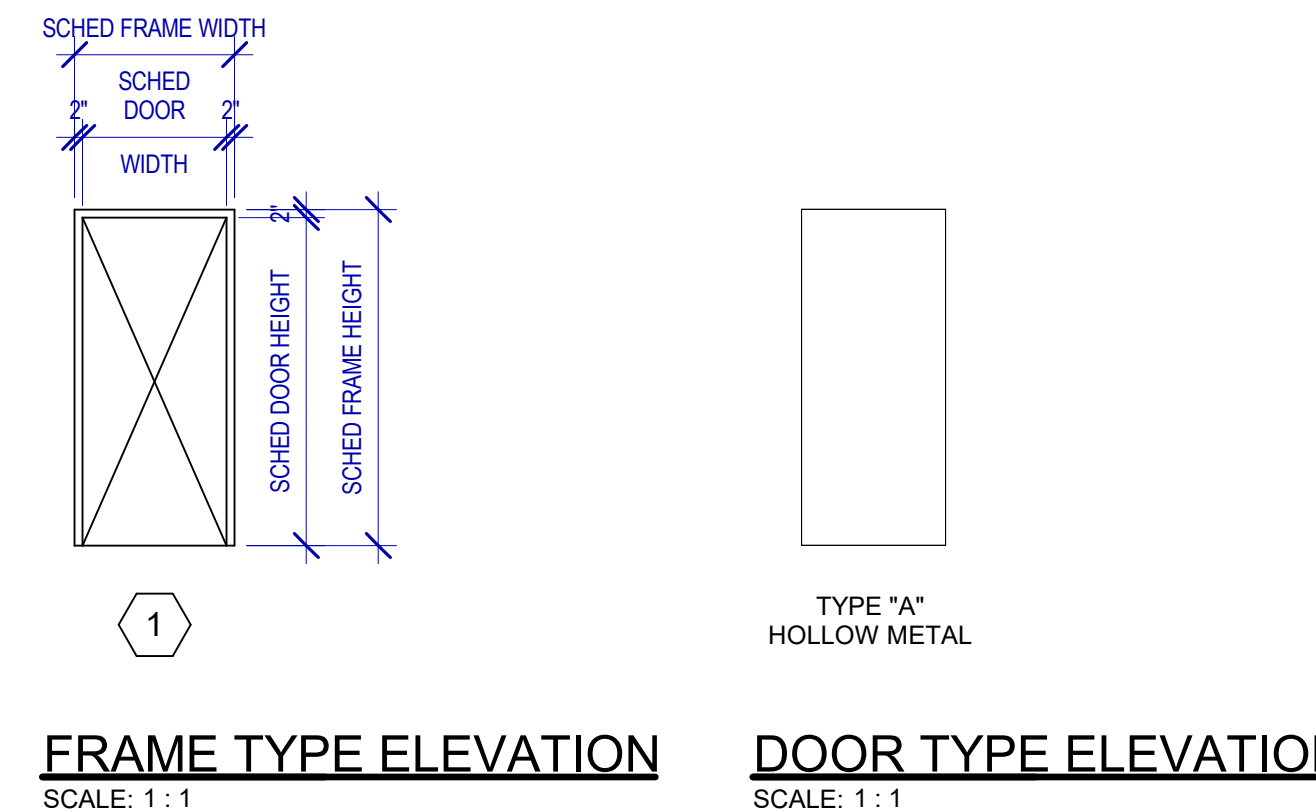
- HARDWARE SETS REPRESENT THE DESIGN INTENT. THEY ARE A GUIDE AND SHOULD NOT BE CONSIDERED A DETAIL. HARDWARE SCHEDULE DISCREPANCIES, CONFLICTING HARDWARE AND MISSING ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT WITH CORRECTIONS MADE. OMITTED ITEMS NOT INCLUDED SHOULD BE SCHEDULED WITH THE APPROPRIATE ADDITIONAL HARDWARE REQUIRED FOR PROPER APPLICATION AND FUNCTIONALITY.
- ALWAYS FREE EGRESS, INGRESS WITH VALID CREDENTIAL.
- MANUFACTURERS LISTED ARE A BASIS OF DESIGN. ABBREVIATIONS USED IN THE LISTED SETS INCLUDE:  
MK - MCKINNEY  
RO - ROCKWOOD  
BE - DORMAKABA BEST  
OT - OTHER  
RF - RIXSON  
NO - NORTON

**DOOR SCHEDULE**

Mark	ROOM NAME	TYPE	DOOR OPENING				RDLR FIRE RATING	GLAZING TYPE	HARDWARE GROUP	DOOR FRAME				DETAILS			REMARKS			
			THICKNESS	WIDTH	HEIGHT	MATERIAL				FINISH	TYPE	HEIGHT	WIDTH	MATERIAL	FINISH	JAMB		HEAD	THRESHOLD	
101B	CIRCULATION AREA	A	1 3/4"	3'-0"	6'-10"	HM	PT2			1	7'-0"	3'-4"	HM	PT2	B2/A-600	A2/A-600	3/B-600	1		
102	JANITOR'S CLOSET	A	1 3/4"	3'-0"	6'-10"	HM	PT2			1	7'-0"	3'-4"	HM	PT2	B2/A-600	A2/A-600	3/D-600	2		
103	WHEELCHAIRS STORAGE	A	1 3/4"	3'-0"	6'-10"	HM	PT2			1	7'-0"	3'-4"	HM	PT2	B2/A-600	A2/A-600	3/D-600	2		
104	ELECTRICAL ROOM	A	1 3/4"	3'-0"	6'-10"	HM	PT2			4.0	1	7'-0"	3'-4"	HM	PT2	B2/A-600	A2/A-600	3/D-600	2	
108	PLUMBING CHASE	A	1 3/4"	2'-0"	4'-10"	HM	PT2			1.0	1	5'-0"	2'-4"	HM	PT2	B2/A-600	A2/A-600	3/B-600	2	
109	PLUMBING CHASE	A	1 3/4"	2'-0"	4'-10"	HM	PT2			1.0	1	5'-0"	2'-4"	HM	PT2	B2/A-600	A2/A-600	3/B-600	2	
110	PLUMBING CHASE	A	1 3/4"	1'-8"	4'-10"	HM	PT2			1	5'-0"	2'-0"	HM	PT2	B2/A-600	A2/A-600	3/B-600	2		
111	PLUMBING CHASE	A	1 3/4"	1'-8"	4'-10"	HM	PT2			1	5'-0"	2'-0"	HM	PT2	B2/A-600	A2/A-600	3/B-600	2		

**DOOR SCHEDULE REMARKS LEGEND**

- SECURITY DOOR WITH ALARM AND PUSH BUTTON. REFER TO TECHNOLOGY DRAWINGS
- PROVIDE 1 ROOM SIGN REF. A-604
- EXISTING DOOR TO BE RE-POSITIONED. NO THRESHOLD REQUIRED.



**FRAME TYPE ELEVATION** SCALE: 1:1  
**DOOR TYPE ELEVATION** SCALE: 1:1

**MATERIAL & FINISH KEY**

**DIVISION 3 - CONCRETE MORTAR**  
SIKAGUICK® 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**  
ML3  
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

**RESILIENT TILE FLOOR**  
RF1  
LVT FLOOR - PATCRAFT ADMIX - SHARK'S TOOTH - 36IN X 36IN

**CEILING**

**MC1**  
TORSION SPRING CEILING  
GORDON - R116-764ST23 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 7/64" STRAIGHT CIRCLES W/ 1" X 1/2" DENSITY BLACK ACOUSTICAL PADS.

**MC2**  
TURNKEY CEILING  
PANEL SIZE: 3'12" LINEAR PANELS  
MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS  
PERF SPEC: R116-832DG12 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**  
TURNKEY CEILING  
PANEL SIZE: 6' LINEAR PANELS  
MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS  
PERF SPEC: R116-832DG12 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.

**MC4**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK -9194-CB WHITE ICE

**ACT1**  
ARMSTRONG ULTIMA 2' X 2' ACOUSTICAL CEILING TILE, SUPRAFINE XL SUSPENSION SYSTEM

**WALL FINISH**  
WP01  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK -9194-CB WHITE ICE

**WP02**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 5919-AB STONE GRAY

**WP03**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 5407-AB DEVILS LAKE

**WP04**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 2378-AB ELEPHANT

**WP05**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 454 SEI ABET LAMINATI

**WP06**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP07**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP08**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP09**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP10**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP11**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP12**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP13**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP14**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP15**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP16**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP17**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP18**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP19**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP20**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP21**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP22**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP23**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP24**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**WP25**  
STONEWOOD - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - 1941 SEI ABET LAMINATI

**PAINT**  
PT01  
TBD - MATTE - CEILING WHITE - STANDARD CEILING

**PT02**  
SHERWIN WILLIAMS - DIRECT TO METAL/SEMI-GLOSS - TRICORN BLACK  
REMARKS: ALL NEW AND EXISTING DOORS

**PT03**  
SHERWIN WILLIAMS - SW 9165 GOSSAMER VEIL - EGGSHHELL FINISH

**PAINT SPECIALTY**  
PTS1  
GAGE ARCH PRODUCTS - GM4225 (FRC) (METAL FRAMES)

**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

**TL4**  
CROSSVILLE LAMINAM - GAUGED PORELAIN TILE - 1M X 3M X 3+MM THK - ARGENTO  
REMARKS: VERTICAL INSTALLATION MOUNTED TO SUBSTRATE & USED W/ WALL PANEL SYSTEMS FACEMOUNT SYSTEM

**TL5**  
DAL'TILE VOLUME 1.0 - GLAZED PORELAIN TILE - 12 X 24 FLOOR TILE - STEREO GREY  
REMARKS: CUT IN FIELD 12"H. ALIGN GROUT JOINTS W/ FLOOR TILE. MIN. THK PER MFR. COLOR SELECTED BY MFR FULL RANGE

**TL6**  
DAL'TILE VOLUME 1.0 - GLAZED PORELAIN TILE - 12 X 24 WALL TILE - SONIC WHITE  
REMARKS: CUT IN FIELD 12"H. ALIGN GROUT JOINTS W/ FLOOR TILE. MIN. THK PER MFR. COLOR SELECTED BY MFR FULL RANGE

**TB1**  
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

**TB2**  
DAL'TILE VOLUME 1.0 - GLAZED PORELAIN TILE - COVE BASE 6 X 12 - STEREO GREY  
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**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - IVORY BACK COLORED GLASS PANELS ON LAMINATE PARTITIONS. INTEGRATED OCCUPANCY STALL LIGHT. 3/16 INCHES GAP AT THE BOTTOM U NO DOORS. MDF CORE WITH IVORY BACK PAINTD GLASS ON BOTH SIDES. STAINLESS STEEL HARDWARE AND HYDRAULIC CLOSER DIVIDER PANELS: PHENOLIC PANEL - WHITE NON GLOSSY FINISH

**PZ2**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ3**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ4**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ5**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ6**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ7**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ8**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ9**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ10**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ11**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ12**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ13**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
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**PZ14**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ15**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ16**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ17**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ18**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ19**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ20**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ21**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
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**PZ22**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ23**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ24**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
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**PZ25**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
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**PZ26**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ27**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
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**PZ28**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

**PZ29**  
THRSLINGTON CUBICLES - K32 FLOW GLASS - LAMINATE PARTITIONS COVERED WITH IVORY BACK COLORED GLASS PANELS. NON-GLOSSY SATIN ALUMINUM - 44" H X 16" D  
REMARKS: MEN'S RESTROOMS. URINAL PARTITION. CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY



3701 North Terminal Rd  
Houston, Texas 77032

**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
C.O.H. No. D.O.A. No.

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structural engineers

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

**REVISIONS**

No.	DESCRIPTION	DATE	BY





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### REVISIONS

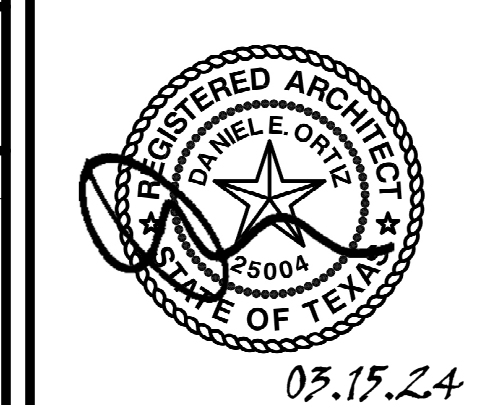
No.	DESCRIPTION	DATE	BY

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

DIRECTOR  
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HOUSTON AIRPORT SYSTEM

Review/Approval Category

IFB  
ISSUED FOR BIDDING



SHEET NAME: ENLARGED FINISH PLAN  
 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 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 BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
- PAINT**
- ALL GWB CEILINGS TO RECEIVE PT01 PAINT
  - ALL JANITOR CLOSET WALLS TO RECEIVE (1) COAT PRIMER AND (2) COATS PAINT PT03 ABOVE TILE WAINSCOTT, EGGHELL FINISH U.N.O.
  - ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.
  - ALL NEW & EXISTING DOORS TO RECEIVE PT02 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.



1 ENLARGED FINISH FLOOR PLAN  
SCALE: 1/4" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt  
 HAS FILE:  
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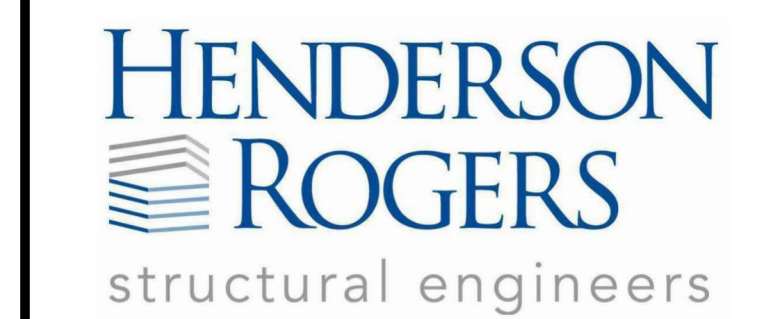


**IAH T-D STERILE CORRIDOR**

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

**REVISIONS**

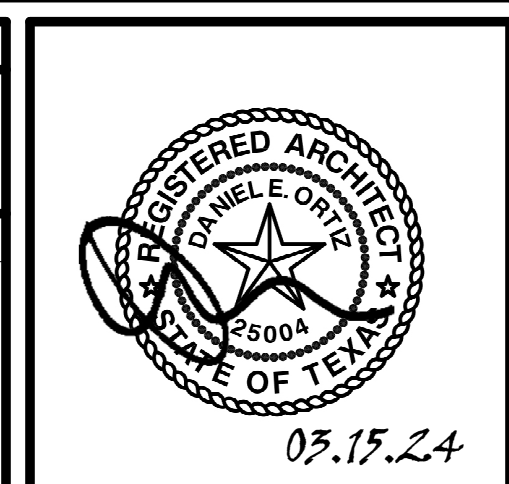
NO.	DESCRIPTION	DATE	BY

DESIGN BY: GP  
DRAWN BY: GP/SF  
CHECKED BY: DO  
ISSUE DATE: 03.15.24  
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APPROVAL DATE: 03.15.24

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HOUSTON AIRPORT SYSTEM

Review/Approval Category

IFB  
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SHEET NAME: ROOM SIGNAGE

SHEET No. A-604 SCALE: As indicated

SHEET SIZE: 30"x42" ARCH E1

**GENERAL NOTES**

- ALL FINAL DESIGN, ENGINEERING AND AMOUNT/SIZING OF THE STRUCTURAL SIGN SUPPORT ELEMENTS, MATERIAL TYPES/THICKNESSES, DIMENSION AND ATTACHMENT METHODS SHALL BE PERFORMED AND APPROVED BY A LICENSED ENGINEER TO MEET OR EXCEED ALL APPLICABLE LOCAL AND NATIONAL CODES.
- FINAL ENGINEERING, DIMENSION, 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 METAL 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 FINISH TO BE REVIEWED AND APPROVED BY HAS AND WAYFINDING DESIGN CONSULTANTS THROUGH PROTOTYPE REVIEWS PRIOR TO BE FINAL PRODUCTION RUN/INSTALLATION PROCESS.
- COLORS SHOWN ARE FOR REFERENCE ONLY, AND ARE SUBJECT TO THE LIMITATION 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 PLACEHOLDER ONLY. SEE MESSAGE SCHEDULES SPECIFIC MESSAGING BY LOCATION AND SIGN TYPE.

**DESIGN INTENT NOTES**

- F1** SIGN PANEL: 1/4" THICK THEN MOFORMED 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/FORAMTTING REQUIREMENTS)
- F4** MOUNTING: mounting height and location/ proximity to door, strike plates & finished entry opening per most recent TAS/ADA requirement; mount plumb & level with adhesive/high-bond strength sign grade VHB tape (or approved equal) as install cond. req. (field verify)

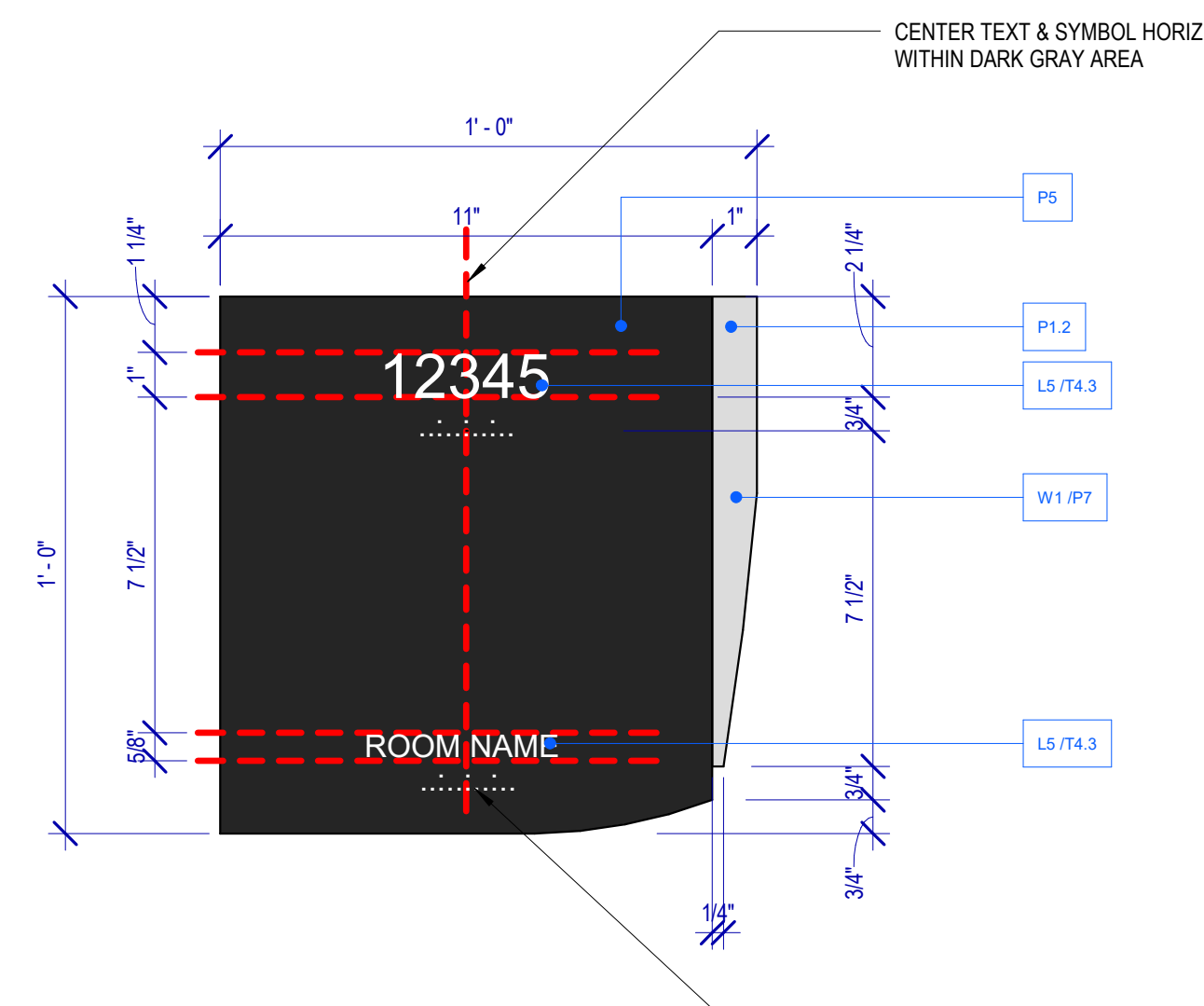
**LETTERING (TYPEFACES)/SYMBOLS/ARROWS:**

- L5** PEDESTRIAN WAYFINDING TYPEFACE: CLEARVIEW TEXT 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:**

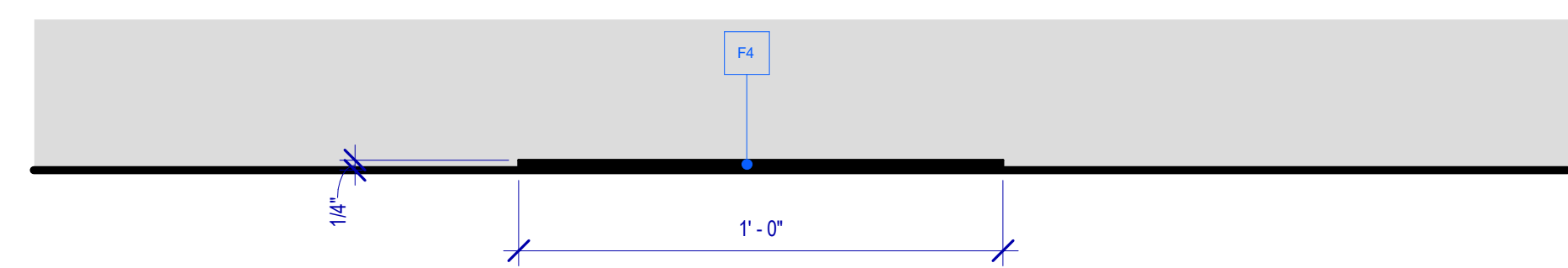
NOTES: "D" = DIGITAL PRINTED COLORS ON 3M 7725-20 WHITE UNLESS OTHERWISE NOTED; "P" = MATHEWS ACRYLIC POLYURETHANE (MAP) PAINT (OR EQUAL), SATIN FINISH; "V" = 3M VINYL FILM (OR EQUAL); "T" = TACTILE

- 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



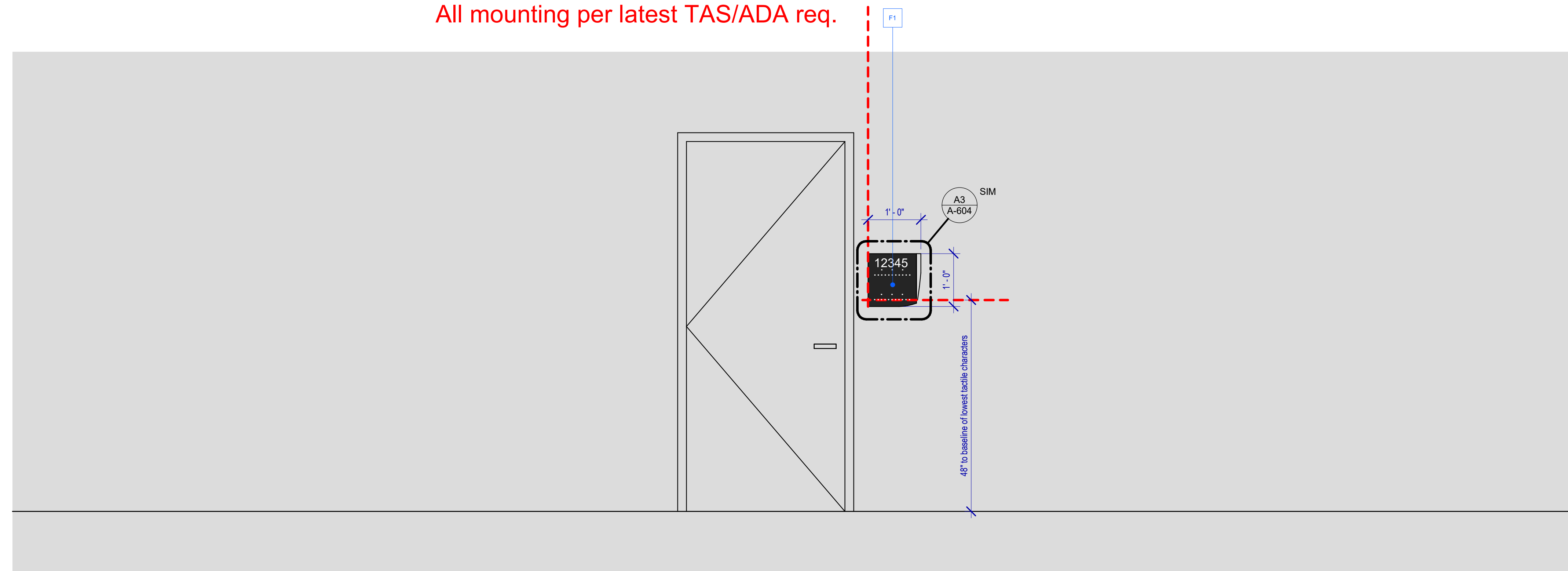
**BRAILLE NOTES:**  
- PLACEHOLDER BRAILLE ARTWORK/CHARACTERS SHOWN.  
- FINAL BRAILLE TO BE PROVIDED BY FABRICATOR.  
- BRAILLE MUST MEET ALL OF THE MOST RECENT TAS/ADA TACTILE SPACING/SIZING/FORAMTTING REQUIREMENTS  
- NO COLOR APPLIED TO BRAILLE

**A3 SIGNAGE FACE LAYOUT TYP.**  
SCALE: 3" = 1'-0"



**A2 SIGNAGE PLAN VIEW**  
SCALE: 3" = 1'-0"

All mounting per latest TAS/ADA req.



**A1 ELEVATION**  
SCALE: 3/4" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-Central.rvt

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



**IAH T-D STERILE CORRIDOR**

C.I.P. No. **PN209B** A.I.P. No.  
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**JONES ENGINEERS, L.P.**

**HENDERSON ROGERS**  
structural engineers

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**PGA**  
ENGINEERS, INC

DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

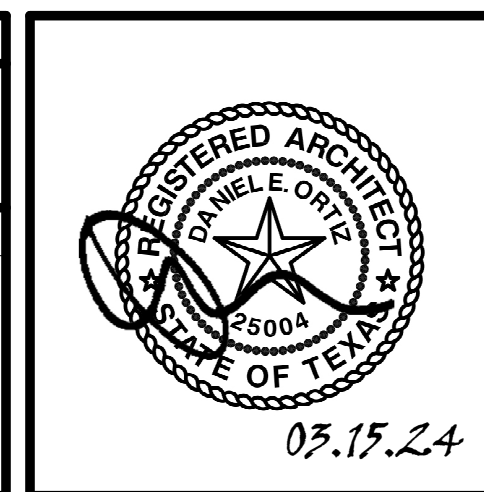
**REVISIONS**

No.	DESCRIPTION	DATE	BY

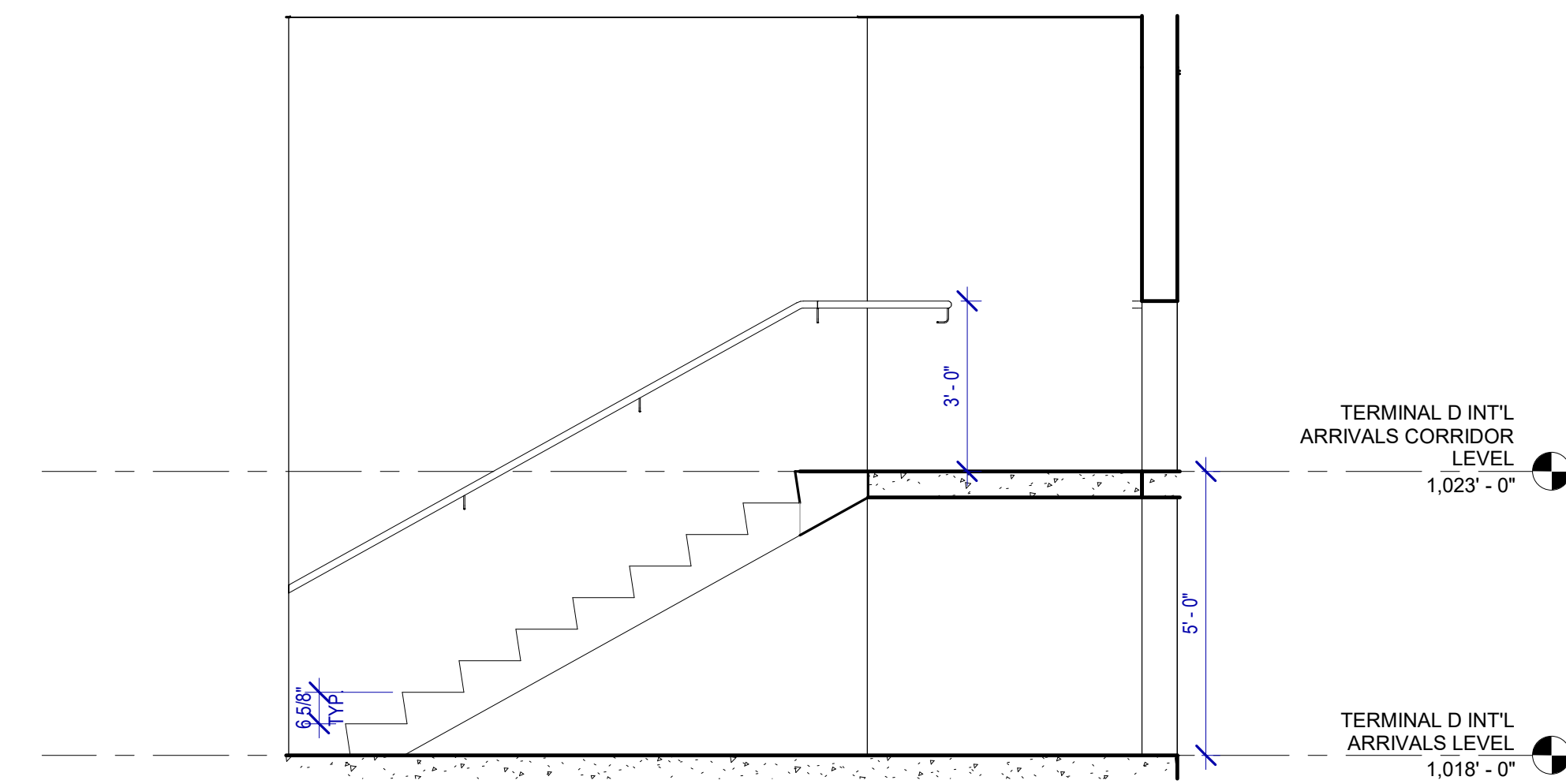
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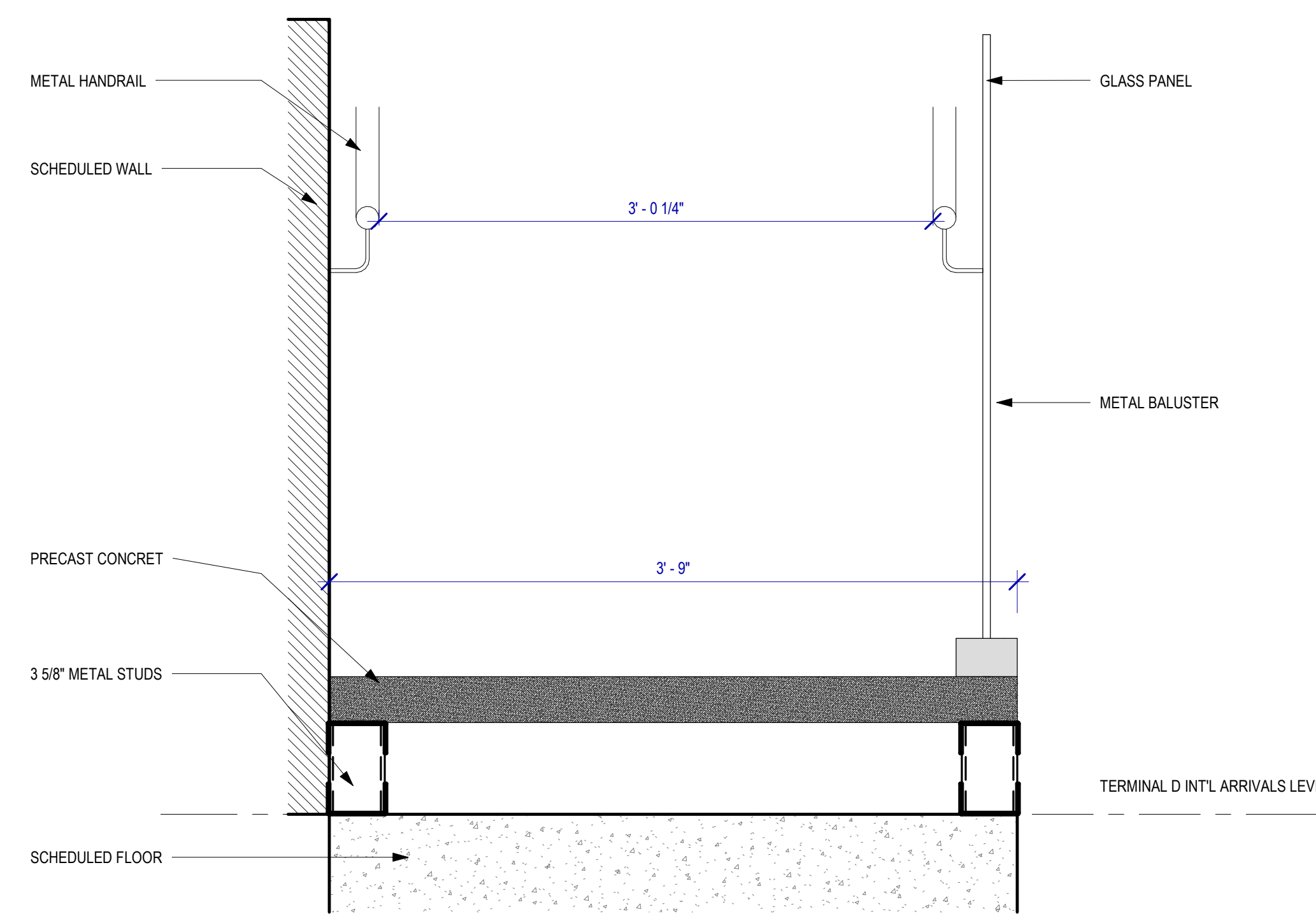
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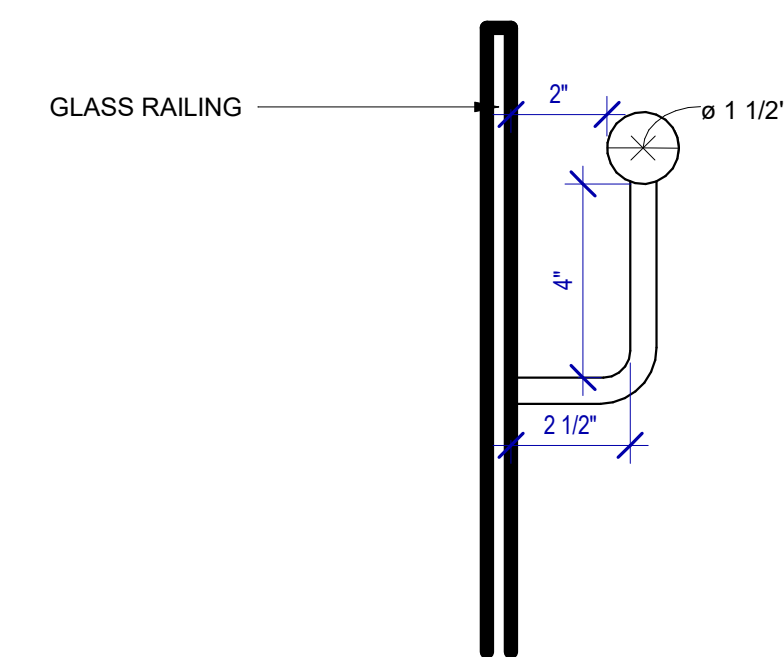
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SHEET No. A-801 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1



**D4 Section 14**  
SCALE: 3/8" = 1'-0"

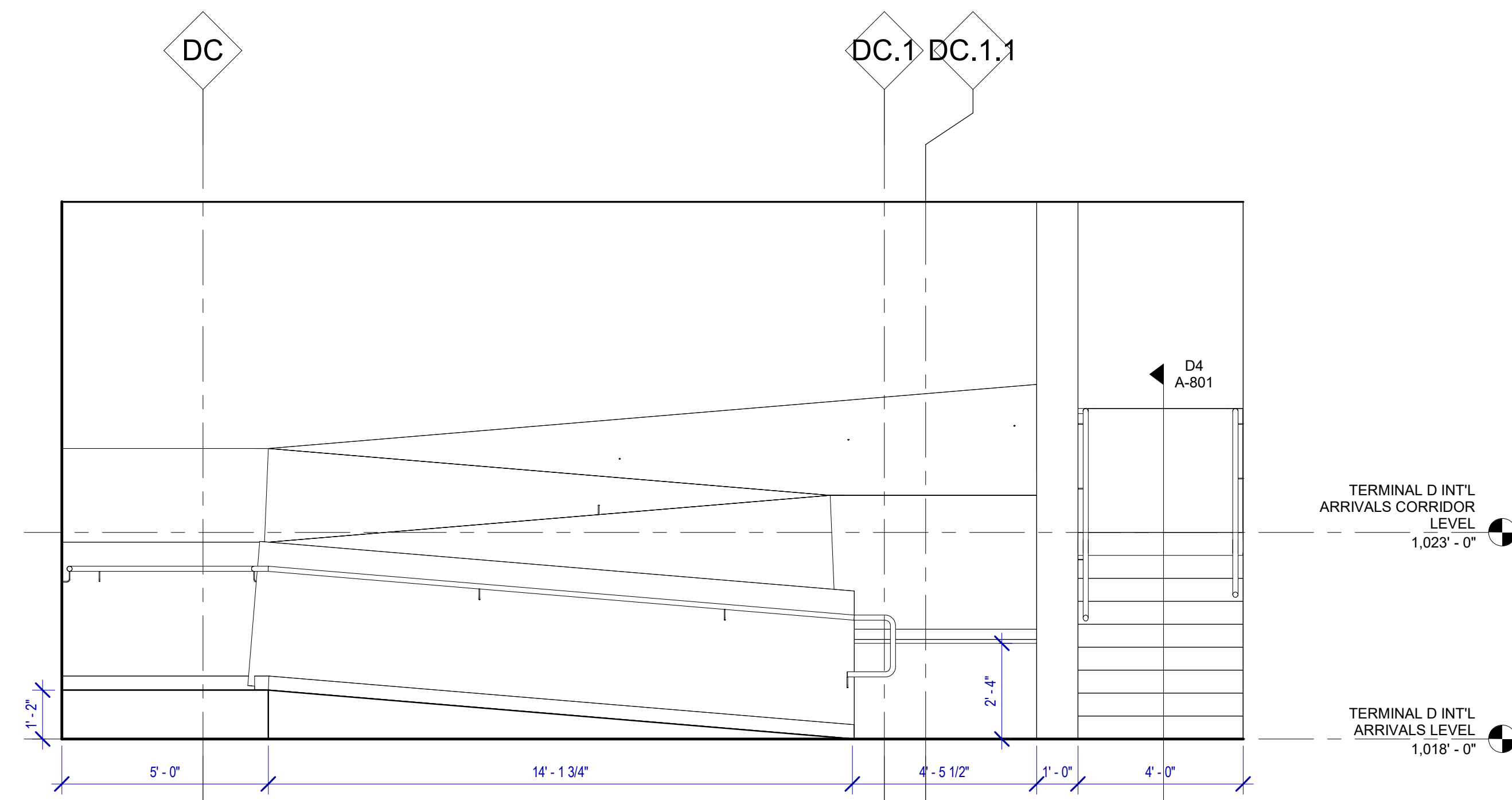


**D3 RAMP SECTION**  
SCALE: 1 1/2" = 1'-0"



**CIRCULAR CROSS SECTION:**  
HANDRAIL GRIPPING SURFACE WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4" MIN. AND 2" MAX.

**B1 HANDRAIL DETAIL**  
SCALE: 3" = 1'-0"



**D1 Section 12**  
SCALE: 3/8" = 1'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23 IAH T-D STERILE CORRIDOR-Central.rvt  
 HAS FILE:  
 PLOT DATE:  
 DOA DWG FILE:  
 OLD DOA No.:  
 PLOT DATE:



GENERAL STRUCTURAL NOTES

PART I - DESIGN CRITERIA
A. GENERAL BUILDING CODE
1. THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC) 2021 EDITION WITH THE CITY OF HOUSTON AMENDMENTS TO THE BUILDING CODE.
B. DEAD LOADS
1. CONCRETE PRECAST PLANKS 4" MAXIMUM THICKNESS
C. LIVE LOADS
1. DESIGN LIVE LOADS ARE BASED ON THE MORE RESTRICTIVE OF THE UNIFORM LOAD LISTED BELOW OR THE CONCENTRATED LOAD LISTED ACTING OVER AN AREA 2.5 FEET SQUARE OR, IN THE CASE OF PARKING GARAGES, 20 SQUARE INCHES, OR STAIR TREADS, 4 SQUARE INCHES.
a. CORRIDORS: 100 PSF
D. HANDRAILS AND GUARDS
THE HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED FOR 50 PLF OR A CONCENTRATED LOAD OF 200 POUNDS AT ANY POINT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THESE LOADS NEED NOT BE ASSUMED TO ACT CONCURRENTLY.

PART II - STRUCTURAL PRECAST CONCRETE
A. DESIGN REQUIREMENTS
1. DESIGN ALL PRECAST CONCRETE UNITS AND CONNECTIONS TO WITHSTAND ALL SUPERIMPOSED LOADS AS NOTED WITHIN THESE GENERAL NOTES.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH 3500 PSI.
3. DESIGN IS BASED ON MAXIMUM PLANK THICKNESS INDICATED WITHIN THESE GENERAL NOTES.
4. CONNECTION BETWEEN THE PLANKS AND ANGLE IS DELEGATED DESIGN BY PLANK FABRICATOR

PART III - STRUCTURAL STEEL
A. MATERIAL
1. HOT ROLLED STRUCTURAL MEMBERS: ALL HOT ROLLED STEEL PLATES, SHAPES, SHEET PILING, AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM SPECIFICATION A 6.
2. 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. L-SHAPES: ASTM A 36
B. RECTANGULAR IBS: ASTM A 500, GRADE B (FY=46 KSI)
B. 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.
C. WELDING
1. UNLESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO E70XX (SMAW), F7XX-EXXX (SAW), E80S-X (GMAW), OR E7X-X (FCAW).

PART IV - SPECIAL INSPECTIONS
THE OWNER'S TESTING LABORATORY SHALL PROVIDE SPECIAL INSPECTION SERVICES IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE FOR THE FOLLOWING ITEMS.
1. STEEL CONSTRUCTION:
a. INSPECTION OF STRUCTURAL STEEL BOLTING
b. INSPECTION OF STRUCTURAL STEEL WELDING
2. STATEMENT OF SPECIAL INSPECTIONS
1. SPECIAL INSPECTION IS REQUIRED FOR THE ITEMS LISTED ABOVE. REFER TO IBC FOR TYPE AND EXTENT OF EACH SPECIAL INSPECTION AND EACH TEST.

PART V - SUBMITTALS
A. SUBMITTAL LIST AND SCHEDULE
1. THE GENERAL CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL SUBMITTAL ITEMS TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO THE START OF CONSTRUCTION. THIS LIST SHALL BE UPDATED AND REVISED AND KEPT CURRENT AS THE JOB PROGRESSES. THE SUBMITTAL LIST SHALL BE ORGANIZED AS SHOWN BELOW:
a. SHOP DRAWINGS
b. DESIGN CALCULATIONS
c. PRODUCT DATA, CERTIFICATES, REPORTS, AND OTHER LITERATURE
B. SUBMITTALS TO BE PROVIDED TO STRUCTURAL ENGINEER
1. STRUCTURAL SUBMITTALS: THE FOLLOWING SUBMITTALS SHALL BE PROVIDED:
a. LAYOUT OF PRECAST PLANKS, AND ALL STEEL MEMBERS
b. EMBEDDED ITEMS (PLATES, ANGLES, BOLTS, ETC.)
2. DEFERRED SUBMITTALS:
a. THE FOLLOWING ITEMS ARE CONSIDERED DEFERRED SUBMITTALS BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE:
1. PRECAST STRUCTURAL CONCRETE DESIGNED FOR REFERENCED LIVE LOADS, INDICATED ON PLAN. PLANK LAYOUT AND ORIENTATION, ATTACHMENT OF PRECAST PLANK TO STEEL IS DESIGNED BY MANUFACTURER (SAS)
2. HANDRAILS AND THEIR ATTACHEMENTS (S&S, REC)
NOTES:
(SAS) ITEMS MARKED THUS SHALL HAVE THE SHOP DRAWINGS AND DELEGATED DESIGN SUBMITTALS (INCLUDING CALCULATIONS) SEALED PER THE PROJECT SPECIFICATIONS BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
(REC) ITEMS MARKED THUS SHALL BE SUBMITTED TO ENGINEER FOR RECORD ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED.
DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
3. SUBMITTAL REQUIREMENTS:
a. ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
b. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS TO BE FURNISHED SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.
C. REPRODUCTION
1. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON

PART VI - 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.
3. OPENINGS THROUGH FLOORS, ROOFS, AND WALLS FOR DUCTS, PIPING, AND/OR CONDUIT SHALL BE COORDINATED BY THE CONTRACTOR. CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF HOLES AND OPENINGS WITH THE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS AND THE RESPECTIVE SUBCONTRACTORS.
4. REFER TO DRAWINGS OTHER THAN STRUCTURAL FOR COMPLETE INFORMATION INCLUDING: TYPES OF FLOOR SLAB FINISHES AND THEIR LOCATIONS, FLOOR SLAB DEPRESSIONS AND CURBS, OPENINGS IN STRUCTURAL WALLS, ROOFS AND FLOORS REQUIRED BY ARCHITECTURAL AND MEP FEATURES, STAIRS, RAMPS, ETC.
5. IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN OR SPECIFIED IN SIMILAR CONDITIONS.

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, AND SPECIFICATIONS, 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 HARMERIZE 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 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. RESPONSIBILITY OF THE CONTRACTOR FOR CONSTRUCTION LOADS
1. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLES OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING OR RESHORING, OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL SUBMIT CALCULATIONS SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED VERIFYING THE ADEQUACY OF THE STRUCTURE FOR ANY PROPOSED CONSTRUCTION LOADS THAT ARE IN EXCESS OF THE STATED DESIGN LOADS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE TO DESIGN OR CHECK THE STRUCTURE FOR LOADS APPLIED TO THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY.
F. 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 WITH THE REQUEST:
1. THE ICC ESR 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.
G. THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION
1. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
2. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF HENDERSON ROGERS STRUCTURAL ENGINEERS, LLC IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
H. MAINTENANCE STATEMENT
1. ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXTEND LIFESPAN AND TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE BUILDING OWNER. THIS PROGRAM SHALL INCLUDE SUCH ITEMS SUCH AS BUT NOT LIMITED TO PAINTING OF STRUCTURAL STEEL AND PROTECTIVE COATING FOR CONCRETE.

PART VII - 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 KEPT IN AT EACH LOCATION. DECISIONS REGARDING APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.

PART VIII - REVISIONS
DESIGNER PROJECT No.:
PROJECT STATUS: IFB
REVISIONS
No. DESCRIPTION DATE BY
DESIGN BY: ER
DRAWN BY: CM
CHECKED BY: ER
ISSUE DATE: 03/15/24
APPROVED BY: ER
APPROVAL DATE:
DIRECTOR of HOUSTON AIRPORT SYSTEM
Reviewed/Approval Category: IFB
ISSUED FOR BIDDING
Henderson Rogers Structural Engineers, LLC
TBPE Firm Registration No. 8755
K. ELAINE ROGERS
LICENSED PROFESSIONAL ENGINEER
65566
05/15/2024
SHEET NAME: GENERAL NOTES
SHEET No. S-001 SCALE:
SHEET SIZE: 30"x42" ARCH E1

HOUSTON AIRPORTS
3701 North Terminal Rd
Houston, Texas 77032
IAH TERMINAL D - STERILE CORRIDOR
C.I.P. No. PN209A A.I.P. No.
C.O.H. No. D.O.A. No.
RDLR Architects
ARCHITECTURE PLANNING INTERIORS
800 Sampson St. #104 Houston, TX 77003 713.868.3121 www.rdlr.com
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: ER
DRAWN BY: CM
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ISSUE DATE: 03/15/24
APPROVED BY: ER
APPROVAL DATE:
DIRECTOR of HOUSTON AIRPORT SYSTEM
Reviewed/Approval Category: IFB
ISSUED FOR BIDDING
Henderson Rogers Structural Engineers, LLC
TBPE Firm Registration No. 8755
K. ELAINE ROGERS
LICENSED PROFESSIONAL ENGINEER
65566
05/15/2024
SHEET NAME: GENERAL NOTES
SHEET No. S-001 SCALE:
SHEET SIZE: 30"x42" ARCH E1

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-S-Central.rvt
PLOT DATE:
DOA DWG FILE:
OLD DOA No.:
PLOT DATE:





3701 North Terminal Rd  
Houston, Texas 77032

### IAH TERMINAL D - STERILE CORRIDOR

C.I.P. No. **PN209A** A.I.P. No.  
C.O.H. No. D.O.A. No.

## RDLR Architects

ARCHITECTURE PLANNING INTERIORS

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



## HENDERSON ROGERS

structural engineers

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DESIGNER PROJECT No.:  
PROJECT STATUS: IFB

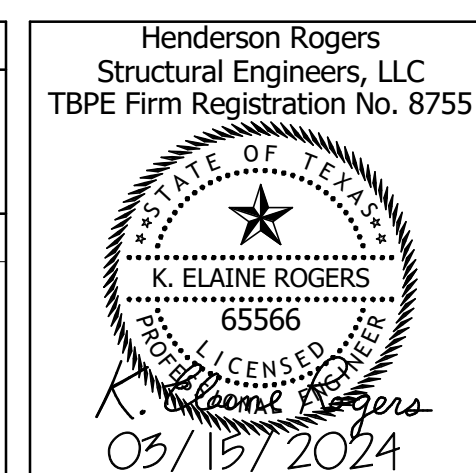
#### REVISIONS

No.	DESCRIPTION	DATE	BY

DESIGN BY: ER  
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ISSUE DATE: 03/15/24  
APPROVED BY: ER  
APPROVAL DATE:

#### DIRECTOR of HOUSTON AIRPORT SYSTEM

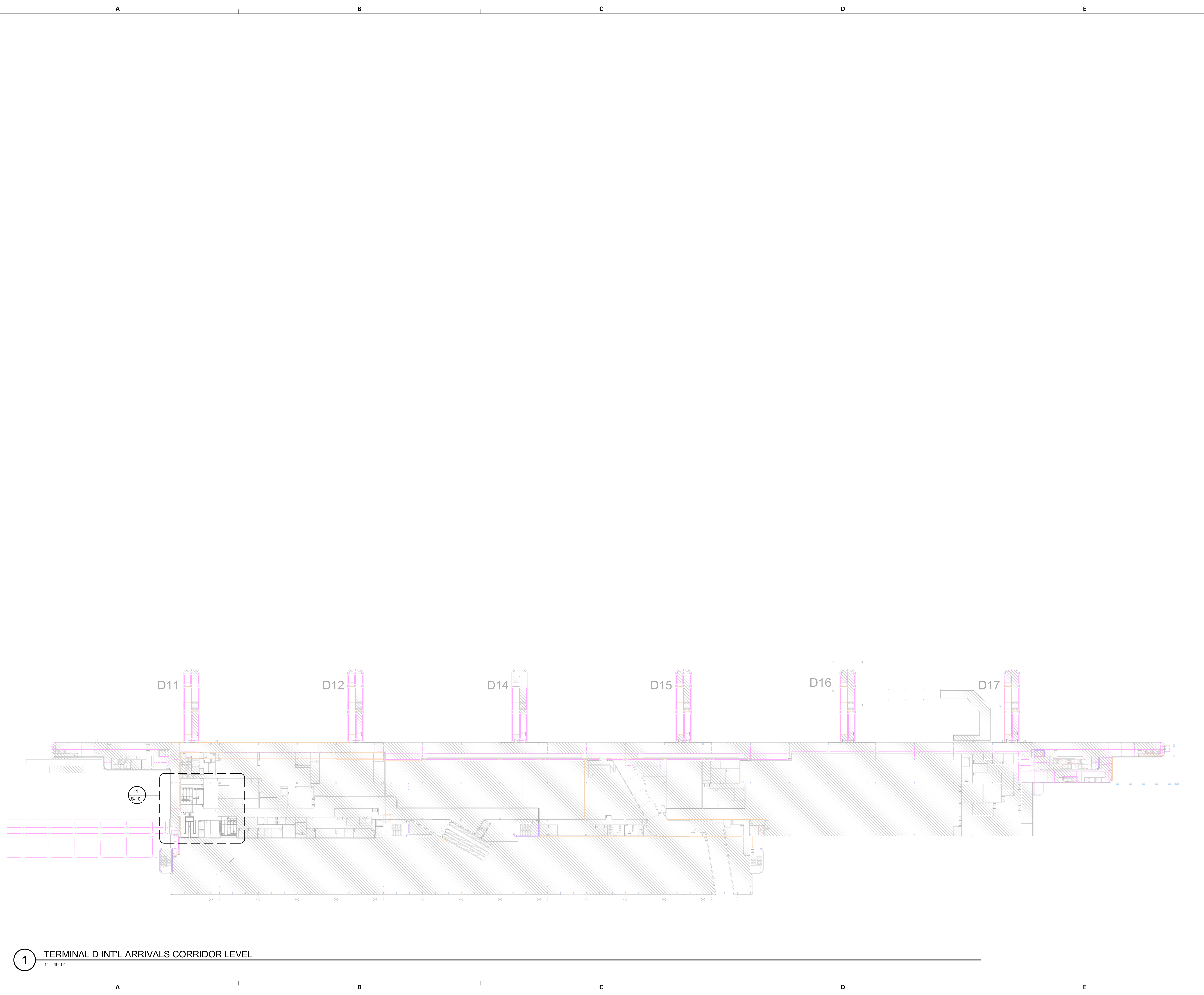
Reviewed/Approval Category  
**IFB**  
ISSUED FOR BIDDING



SHEET NAME: OVERALL FLOOR PLAN

SHEET No. S-100 SCALE: 1" = 40'-0"

SHEET SIZE: 30"x42" ARCH E1



# 1 TERMINAL D INT'L ARRIVALS CORRIDOR LEVEL

1" = 40'-0"

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23 IAH T-D STERILE CORRIDOR-S-Central.rvt

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







**REVISIONS**

No.	DESCRIPTION	DATE	BY
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DESIGN BY:	ER
DRAWN BY:	CM
CHECKED BY:	ER
ISSUE DATE:	03/15/24
APPROVED BY:	ER
APPROVAL DATE:	

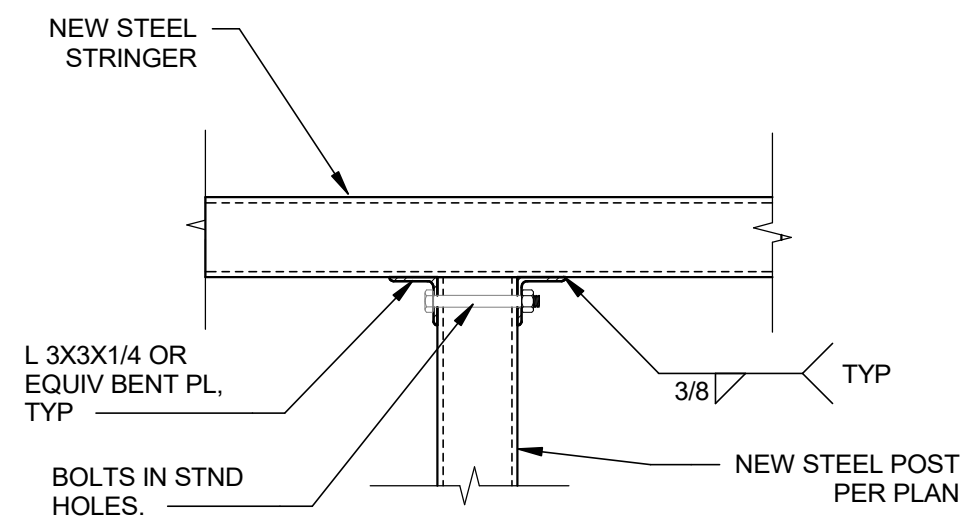
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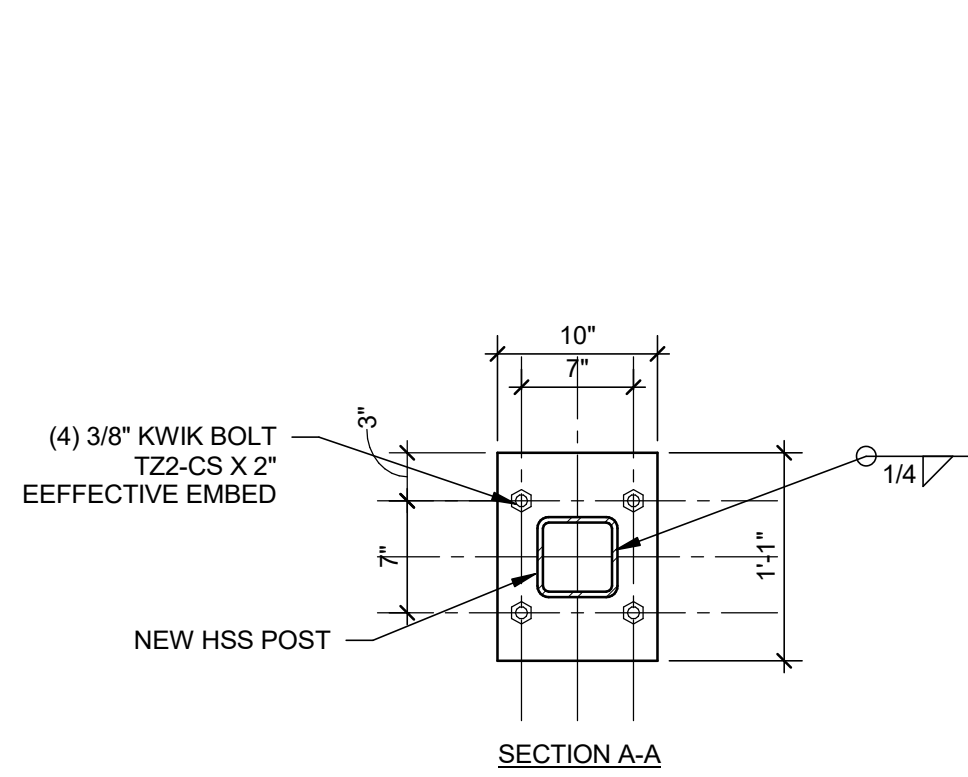
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SHEET No. S-200 SCALE: As indicated

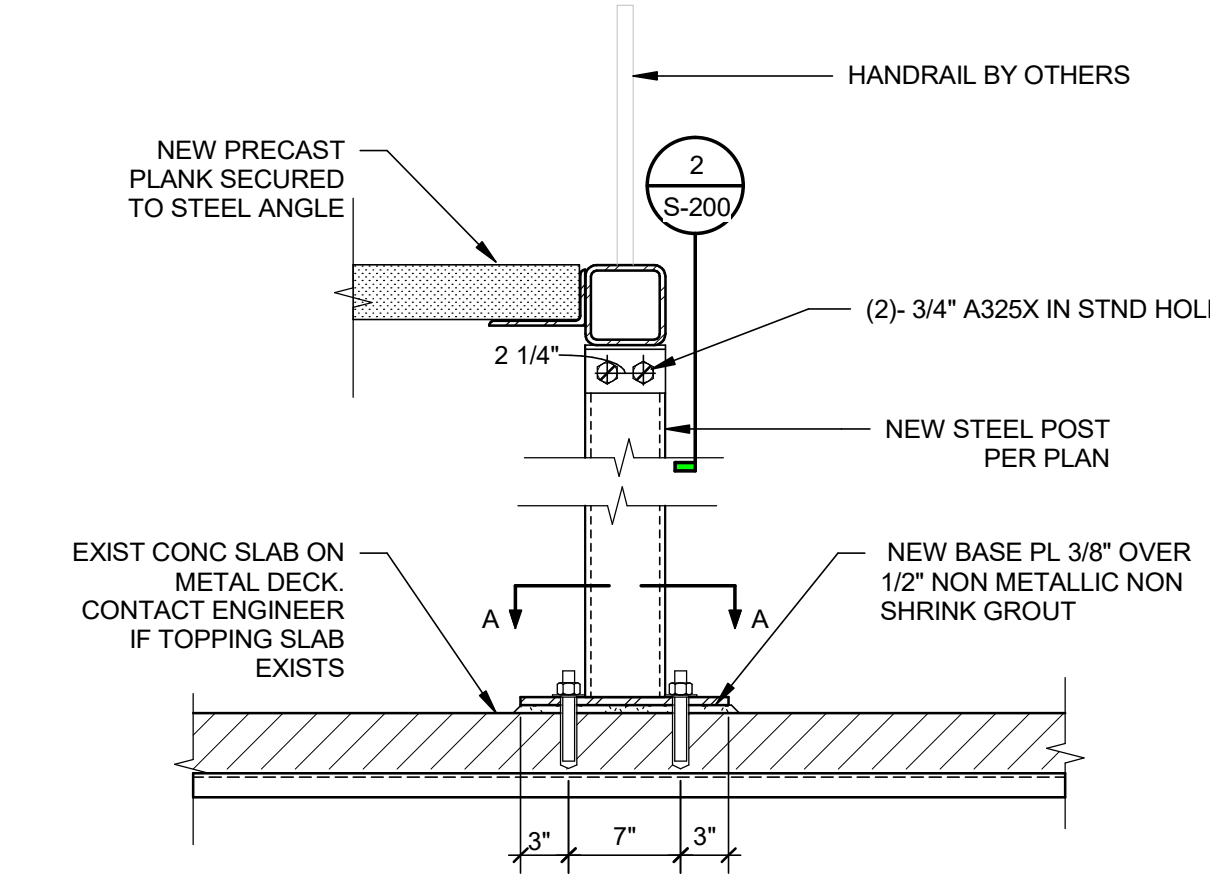
SHEET SIZE: 30"x42" ARCH E1



**2 NEW POST CONNECTION**  
NO SCALE



**1 NEW POST CONNECTION**  
NO SCALE



**6 POWDER DRIVEN FASTENER SCHEDULE**  
1/2" = 1'-0"

STEEL GAUGE	No. 12-14 DIAMETERS = 0.210 in.		No. 10-16 DIAMETERS = 0.190 in.		No. 8-18 DIAMETERS = 0.160 in.	
	SHEAR	PULLOUT	SHEAR	PULLOUT	SHEAR	PULLOUT
12	662	408	466	369	-	-
14	625	288	466	242	-	-
16	500	189	423	177	359	166
18	400	138	362	125	305	118
20	296	85	243	75	229	71

- NOTES:**
- CAPACITIES SHOWN FOR PULLOUT AND SHEAR (lbs.) ARE BASED ON AVERAGE TEST RESULTS DIVIDED BY A SAFETY FACTOR OF 3.0 AND 4.0 FOR PULLOUT.
  - SCREW SPACING AND EDGE DISTANCE SHALL NOT BE LESS THAN 1.5 $\phi$ , NOR LESS THAN  $P/0.6F_y$  WHERE P IS THE SHEAR LOAD PER SCREW AND 1/8 IS THE THICKNESS OF THE STEEL SHEET.
  - WHEN CONNECTING MATERIALS OF DIFFERENT GAUGE, USE THE LOADS SHOWN FOR THE LIGHTER GAUGE.
  - SCREW CAPACITIES ARE BASED ON  $F_y = 33$  ksi FOR THE STEEL SHEET.
  - ULTIMATE SCREW CAPACITIES ARE PER THE ITW BUILDER TEST No. 845.

SHANK DIAMETER (in.)	LOADING (in.)	STEEL TO CONCRETE			
		CONCRETE COMP STRENGTH (psi)	2000	3000	4000
0.145	1 1/8	PULLOUT	90	115	145
		SHEAR	160	225	265
0.177	1 7/16	PULLOUT	150	150	150
		SHEAR	250	265	330
0.205	1 1/4	PULLOUT	150	150	150
		SHEAR	390	445	500

- NOTES:**
- CAPACITIES SHOWN FOR PULLOUT OR SHEAR (lbs.) ARE FOR STONE AGGREGATE CONCRETE AND ARE BASED ON A LOW VELOCITY SHOT.
  - VALUES MAY NOT BE INCREASED BY 1/3 FOR A WIND OR SEISMIC ZONE.
  - CAPACITIES SHOWN ARE BASED ON UNINSPECTED VALUES OF HILTI RESEARCH REPORT No. 2388.
  - MINIMUM EDGE DISTANCE IS 3".
  - MINIMUM FASTENER SPACING IS 4".

**7 SCREW CONNECTION SCHEDULE**  
1/2" = 1'-0"

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23 IAH T-D STERILE CORRIDOR-S-Central.rvt HAS FILE:

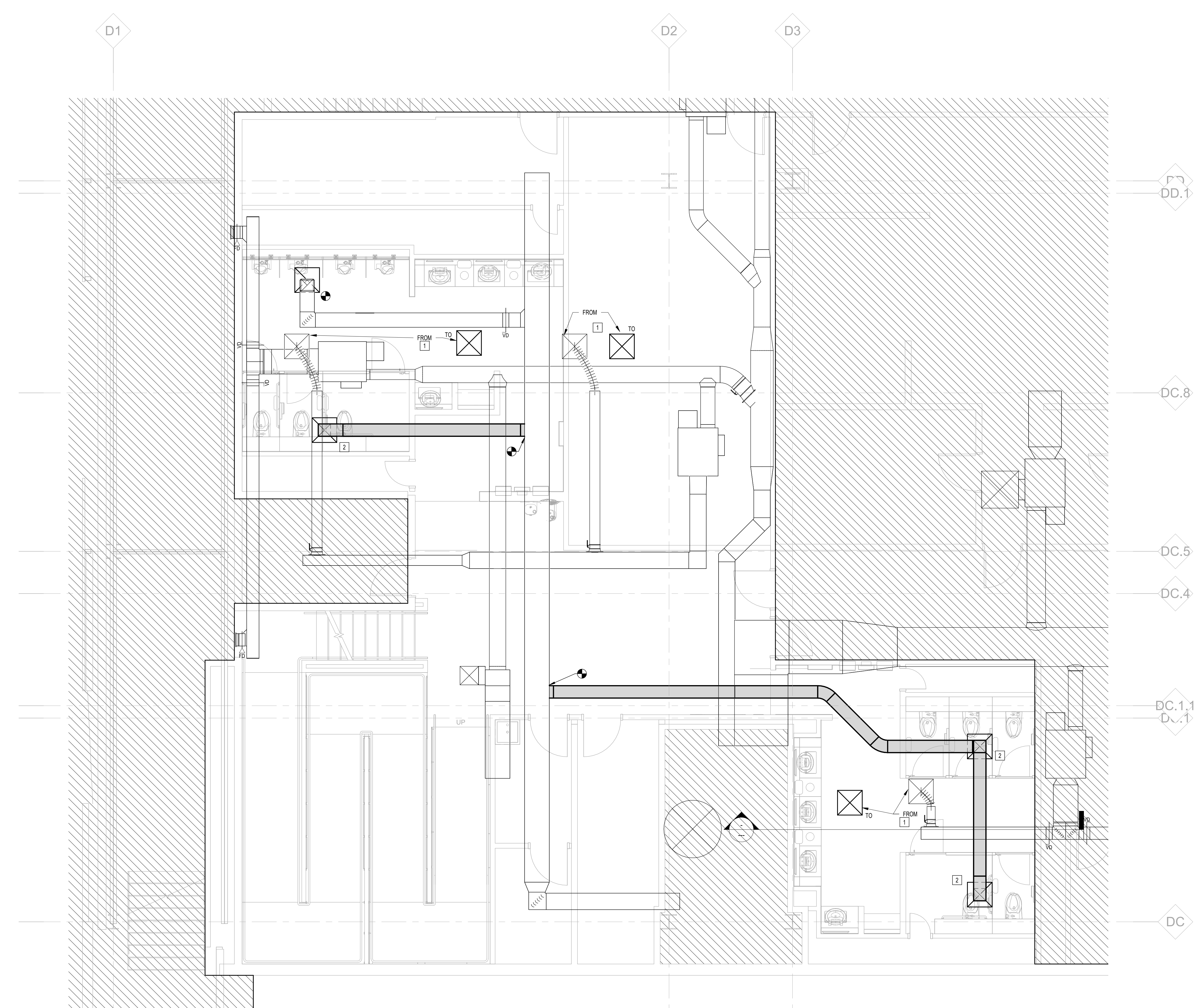


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DOA DWG FILE:  
OLD DOA No. :  
PLOT DATE:

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/A981\_MEP\_Term\_D\_Sterile\_Cor\_RR\_R24.rvt

HAS FILE:

A B C D E



KEYED NOTES	
#	KEYNOTE
1	RELOCATE EXISTING DIFFUSER AS INDICATED. EXTEND DUCT AS REQUIRED. MIN 5' FLEX. REPLACE DIFFUSER WITH PRICE ASCD OR PROVIDE EQUAL.
2	NEW PRICE 50F EXHAUST GRILLE. BALANCE TO 500 CFM.

**1 MECHANICAL PLAN**  
1/4" = 1'-0"



3701 North Terminal Rd  
Houston, Texas 77032

**IAH TERMINAL D - STERILE CORRIDOR**

C.I.P. No. **PN209A** A.I.P. No.  
C.O.H. No. D.O.A No.

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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>Reviewed/Approval Category <b>IFB</b> ISSUED FOR BIDDING</p>	
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SHEET NAME: MECHANICAL PLAN  
SHEET No. M1.01 SCALE: 1/4" = 1'-0"  
SHEET SIZE: 30"x42" ARCH E1

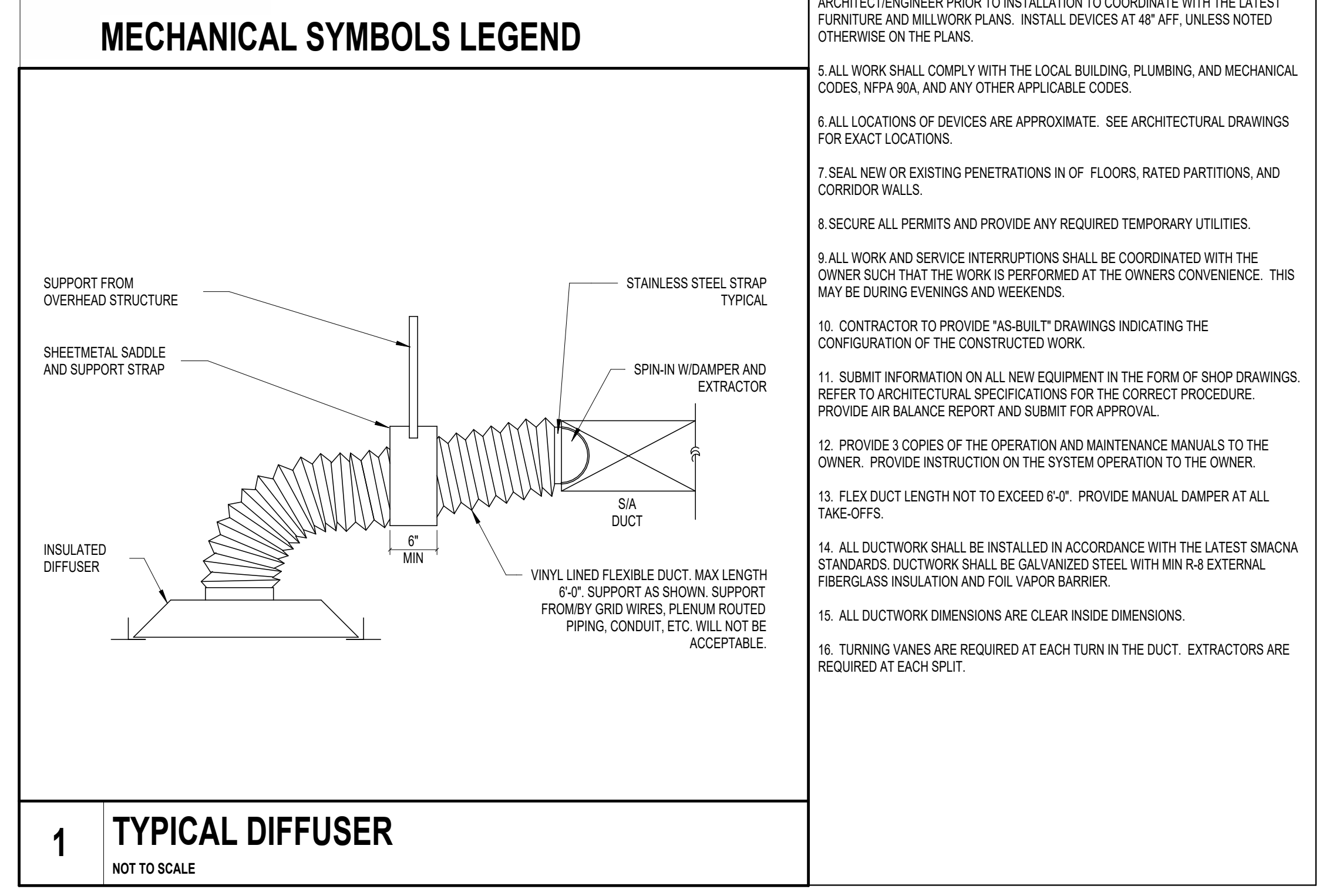
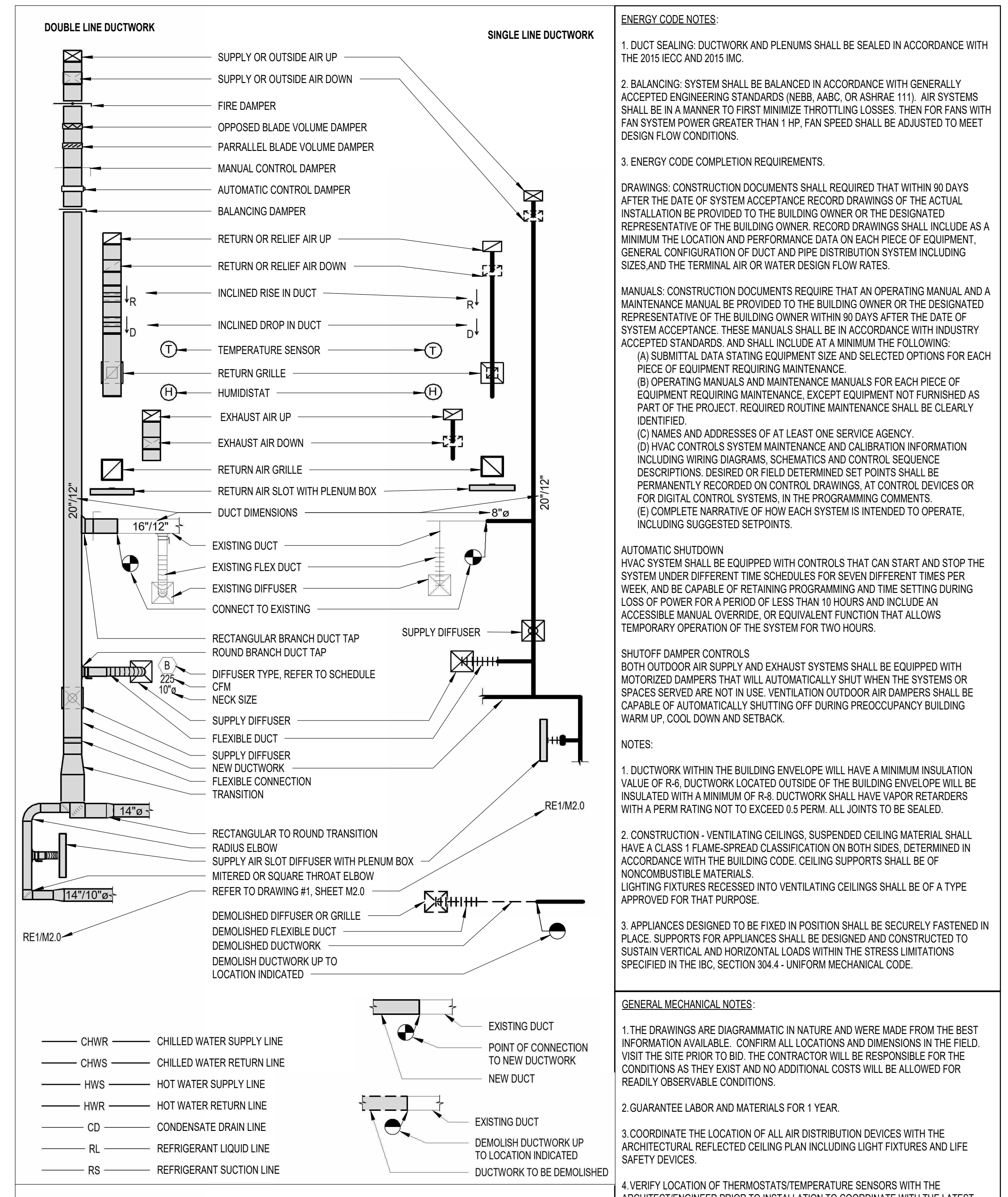


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HAS FILE:

A B C D E



**ENERGY CODE NOTES:**

- DUCT SEALING: DUCTWORK AND PLENUMS SHALL BE SEALED IN ACCORDANCE WITH THE 2015 IECC AND 2015 IMC.
- BALANCING SYSTEM SHALL BE BALANCED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING STANDARDS (NEBB, 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.
- 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:

- SUBMITTAL DATA STATING EQUIPMENT SIZE AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
- 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.
- NAMES AND ADDRESSES OF AT LEAST ONE SERVICE AGENCY.
- HVAC CONTROL 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.
- COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING SUGGESTED SETPOINTS.

**AUTOMATIC SHUTDOWN**

HVAC SYSTEM 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 SETTINGS DURING LOSS OF POWER FOR A PERIOD OF 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:**

- 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 RETARDERS WITH A PERM RATING NOT TO EXCEED 0.5 PERM. ALL JOINTS TO BE SEALED.
- CONSTRUCTION - VENTILATING CEILINGS, 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 CEILINGS SHALL BE OF A TYPE APPROVED FOR THAT PURPOSE.
- 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 904.4 - UNIFORM MECHANICAL CODE.

**GENERAL MECHANICAL NOTES:**

- THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND WERE MADE FROM THE BEST INFORMATION AVAILABLE. CONFIRM ALL LOCATIONS AND DIMENSIONS IN THE FIELD. VISIT THE SITE PRIOR TO BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONDITIONS AS THEY EXIST AND NO ADDITIONAL COSTS WILL BE ALLOWED FOR READILY OBSERVABLE CONDITIONS.
- GUARANTEE LABOR AND MATERIALS FOR 1 YEAR.
- COORDINATE THE LOCATION OF ALL AIR DISTRIBUTION DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN INCLUDING LIGHT FIXTURES AND LIFE SAFETY DEVICES.
- VERIFY LOCATION OF THERMOSTATS/TEMPERATURE SENSORS WITH THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION TO COORDINATE WITH THE LATEST FURNITURE AND MILLWORK PLANS. INSTALL DEVICES AT 48" AFF, UNLESS NOTED OTHERWISE ON THE PLANS.
- ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING, PLUMBING, AND MECHANICAL CODES, NFPA 90A, AND ANY OTHER APPLICABLE CODES.
- ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
- SEAL NEW OR EXISTING PENETRATIONS IN OF FLOORS, RATED PARTITIONS, AND CORRIDOR WALLS.
- SECURE ALL PERMITS AND PROVIDE ANY REQUIRED TEMPORARY UTILITIES.
- ALL WORK AND SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER SUCH THAT THE WORK IS PERFORMED AT THE OWNERS CONVENIENCE. THIS MAY BE DURING EVENINGS AND WEEKENDS.
- CONTRACTOR TO PROVIDE "AS-BUILT" DRAWINGS INDICATING THE CONFIGURATION OF THE CONSTRUCTED WORK.
- SUBMIT INFORMATION ON ALL NEW EQUIPMENT IN THE FORM OF SHOP DRAWINGS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR THE CORRECT PROCEDURE. PROVIDE AIR BALANCE REPORT AND SUBMIT FOR APPROVAL.
- PROVIDE 3 COPIES OF THE OPERATION AND MAINTENANCE MANUALS TO THE OWNER. PROVIDE INSTRUCTION ON THE SYSTEM OPERATION TO THE OWNER.
- FLEX DUCT LENGTH NOT TO EXCEED 6'-0". PROVIDE MANUAL DAMPER AT ALL TAKE-OFFS.
- ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS. DUCTWORK SHALL BE GALVANIZED STEEL WITH MIN R-8 EXTERNAL FIBERGLASS INSULATION AND FOL VAPOR BARRIER.
- ALL DUCTWORK DIMENSIONS ARE CLEAR INSIDE DIMENSIONS.
- TURNING VANES ARE REQUIRED AT EACH TURN IN THE DUCT. EXTRACTORS ARE REQUIRED AT EACH SPLIT.



3701 North Terminal Rd  
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**IAH TERMINAL D - STERILE CORRIDOR**

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C.O.H. No.		D.O.A. No.	

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**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**

Reviewed/Approval Category

**IFB**

ISSUED FOR BIDDING

JE#4981  
03/15/2024  
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR., P.E. 88428

**SHEET NAME:** MECHANICAL DETAILS

**SHEET No.:** M3.01 **SCALE:** As indicated

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

A B C D E





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C.O.H. No. D.O.A. No.

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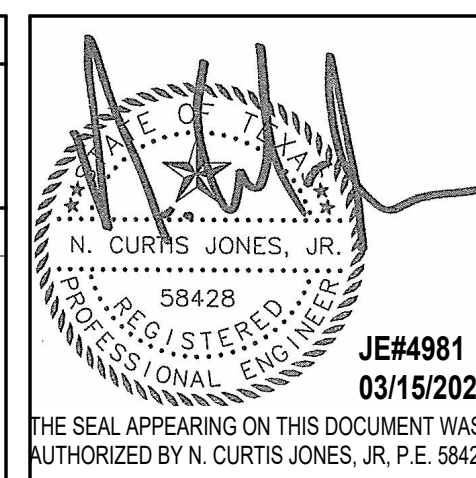
### REVISIONS

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DESIGN BY: JE  
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DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

IFB  
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SHEET NAME: MECHANICAL DEMOLITION PLAN

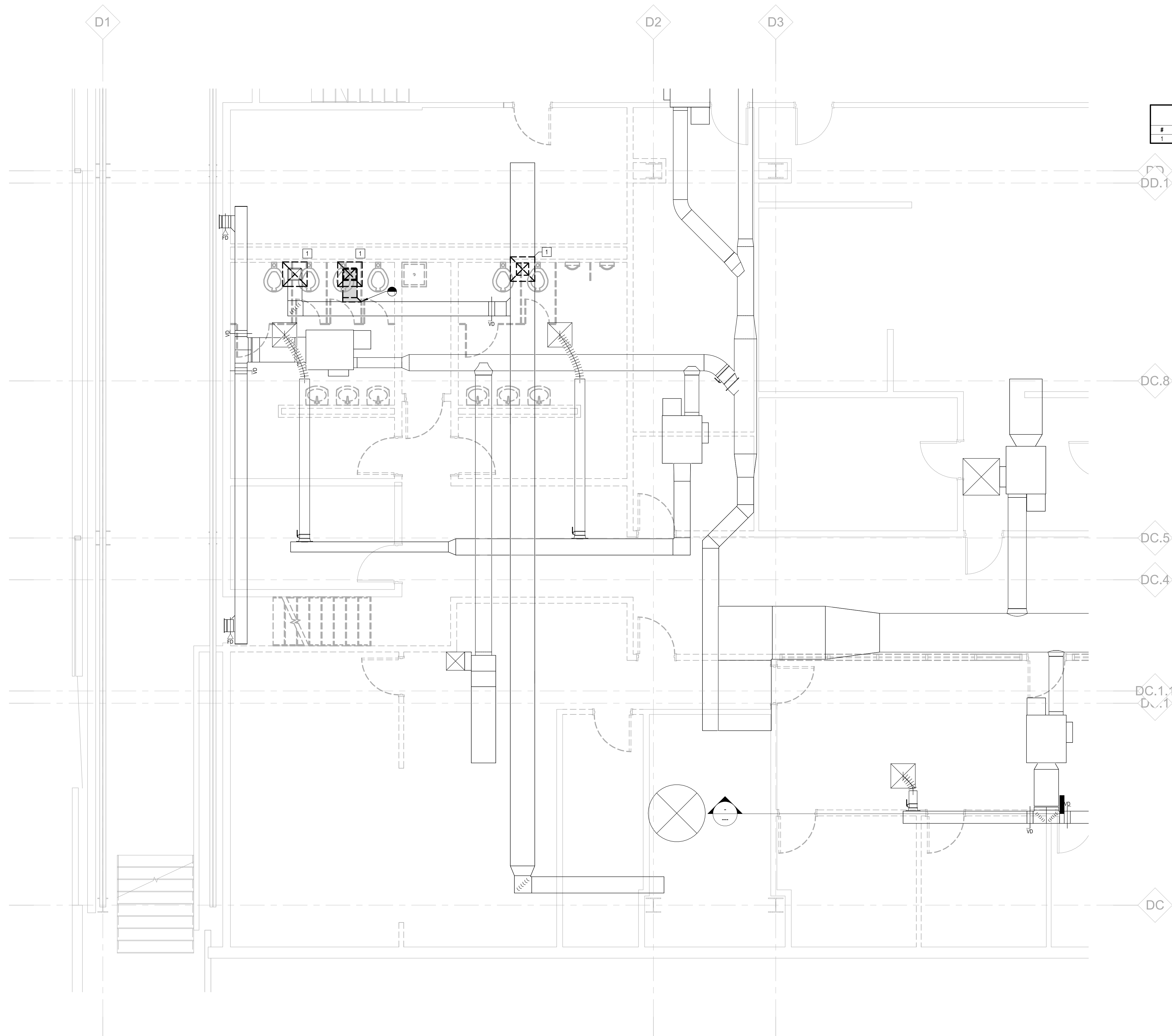
SHEET No. MD1.01 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

#	KEYNOTE
1	DEMOLISH EXISTING EXHAUST GRILLE

# 1 MECHANICAL DEMO PLAN

1/4" = 1'-0"



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



**GENERAL ELECTRICAL NOTES:**

- THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND WERE MADE FROM THE BEST INFORMATION AVAILABLE. CONFIRM ALL LOCATIONS AND DIMENSIONS IN THE FIELD. VISIT THE SITE PRIOR TO BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONDITIONS AS THEY EXIST AND NO ADDITIONAL COSTS WILL BE ALLOWED FOR READILY OBSERVABLE CONDITIONS.
- GUARANTEE LABOR AND MATERIALS FOR 1 YEAR.
- ALL NEW OR ADDITIONAL POWER DISTRIBUTION EQUIPMENT SHALL BE THE SAME MANUFACTURER AS THE ORIGINAL BUILDING EQUIPMENT AND SHALL BE PROVIDED WITH BLACK PHENOLIC NAMEPLATES WITH WHITE LETTERS (MIN. 5/16" HT.). PANELBOARDS SHALL BE EMBOSSED OR ENGRAVED METAL NAMEPLATE TO INDICATE VOLTAGE, PHASE, BUSSING, AND SHORT CIRCUIT BRACING. SUPPLY NEW, ACCURATE PANEL DIRECTORIES FOR EACH PANEL BOARD OR DISTRIBUTION PANEL IN WHICH ANY WORK IS PERFORMED. PROVIDE NEW BREAKERS IN EXISTING SPACES AS REQUIRED FOR THIS INSTALLATION. BREAKERS FOR ABANDONED CIRCUITS SHALL BE LABELED "SPARES".
- REUSED ELECTRICAL EQUIPMENT, WIRING DEVICES, WIRING DEVICE COVER PLATES, CONDUIT AND WIRE WHICH ARE DAMAGED SHALL BE RESTORED TO ORIGINAL INTEGRITY. ALL MATERIALS USED FOR REPAIRS SHALL MEET ORIGINAL SPECIFICATIONS. ABANDONED ELECTRICAL, DATA OR COMMUNICATIONS ELEMENTS SHALL BE REMOVED BACK TO ORIGINAL SOURCE AND RETURNED TO LANDLORD. REFER TO DATA AND TELEPHONE CONTRACTOR FOR COORDINATION.
- ANY ELECTRICAL WORK AFFECTING THE LIGHTING ON THE ADA MUST BE COORDINATED WITH IAHS ELECTRICAL DEPARTMENT.
- FOR ALL TELEPHONE/DATA OUTLETS, PROVIDE AN OPENING, PLASTER RING, AND DEVICE PLATE AT NORMAL RECEPTACLE HEIGHT UNLESS OTHERWISE INDICATED AND A PULLSTRING TO THE ACCESSIBLE CEILING SPACE ABOVE. WHERE THE WALL IS LOCATED BELOW AN INACCESSIBLE CEILING SPACE, PROVIDE A 4" SQUARE JUNCTION BOX WITH A SINGLE DEVICE PLASTER RING MOUNTED FLUSH WITH FINISHED WALL AT NORMAL RECEPTACLE HEIGHT, UNLESS OTHERWISE NOTED. ALL TELECOMMUNICATION CONDUIT TO BE 1" MINIMUM AND ROUTED TO IDF ROOM AND/OR TO ABOVE CABLE TRAY WITH BUSHING.
- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUIT DESIGNATIONS AND SHALL MAKE CORRECTIONS AS NEEDED.
- ALL FIRE ALARM SYSTEM DEVICES AND EXIT SIGNAGE SHALL BE INTERFACED WITH BUILDING FIRE ALARM SYSTEM. ALL NEW DEVICES SHALL BE FULLY COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM. FIRE ALARM SYSTEM CONTRACTOR SHALL VERIFY LOCATION AND QUANTITY OF FIRE ALARM SYSTEM INITIATING, AUTOMATIC INITIATING AND AUDIBLE DEVICES AS REQUIRED BY EXISTING BUILDINGS SYSTEM. PROVIDE ADDITIONAL FIRE ALARM SIGNALING DEVICES AS REQUIRED TO ENSURE THROUGHOUT THE APPLICABLE AREA. ADDITIONAL FIRE ALARM DEVICES SHALL BE ADDED TO MEET BUILDING STANDARDS AND FIRE ALARM SYSTEM CODE REQUIREMENTS. ALL FIRE ALARMS RELATED WORK INCLUDING FIRE ALARM SYSTEM SHUTDOWNS, MUST BE COORDINATED WITH OWNER.
- 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.
- ELECTRICAL WORK MUST COMPLY WITH NEC-2021, CITY ELECTRIC CODE, AND 2023 HAS-ELECTRIC 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.
- ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
- SEAL NEW OR EXISTING PENETRATIONS IN OF FLOORS, RATED PARTITIONS, AND CORRIDOR WALLS.
- SECURE ALL PERMITS AND PROVIDE ANY REQUIRED TEMPORARY UTILITIES.
- ALL WORK AND SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER SUCH THAT THE WORK IS PERFORMED AT THE OWNERS CONVENIENCE. THIS MAY BE DURING EVENINGS AND WEEKENDS.
- CONTRACTOR TO PROVIDE "AS-BUILT" DRAWINGS INDICATING THE CONFIGURATION OF THE CONSTRUCTED WORK.
- REPAIR ANY DAMAGE THAT OCCURS TO ANY ELECTRICAL EQUIPMENT DURING DEMOLITION.
- SUBMIT INFORMATION ON ALL NEW EQUIPMENT IN THE FORM OF SHOP DRAWINGS, REFER TO ARCHITECTURAL SPECIFICATIONS FOR THE CORRECT PROCEDURE.
- PROVIDE 3 COPIES OF THE OPERATION AND MAINTENANCE MANUALS TO THE OWNER. PROVIDE INSTRUCTION ON THE SYSTEM OPERATION TO THE OWNER.
- AS PER 2021 NEC AND ALL HAS STANDARDS ALL PANELS, DISCONNECTS, TRANSFORMERS SHALL HAVE PHENOLIC TAGS STATING ELECTRICAL ROOM, CIRCUIT NUMBER AND VOLTAGE WITH ARC FLASH STICKERS, WHERE APPLICABLE. ALL RECEPTACLES ON TABLES OR BAR AREA SHALL BE GFCI PROTECTED. CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION FITTING PER NEC.
- WIRING - ALL WIRING SHALL BE COPPER, MINIMUM SIZE #12 AWG, THIN WAIN, RATED AT 600 VOLTS. PROVIDE GREEN GROUNDING CONDUCTOR WITH ALL POWER AND RECEPTACLE CIRCUITS. ALL WIRING TO BE IN CONDUIT. LIGHTING FIXTURES MUST HAVE INDIVIDUAL FEEDS TO EACH FIXTURE; "BASKY CHANNING" OF FIXTURES IS NOT ALLOWED. LIGHTING FIXTURE WHIPS MUST BE 6 FEET LONG OR LESS.
  - NO AC (BX) OR MC CABLE ALLOWED.
  - ALL GROUND RODS TO BE STAINLESS STEEL (3/4" x 10' MINIMUM).
  - ALL BONDING AND GROUNDINGS PER 250 OF 2021 NEC AND ALL HAS 2023 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 COVER (WALL OR CEILING).
- BOXES - ALL BOXES TO BE GALVANIZED STEEL, SUITABLE FOR LOCATION AND SIZED PER THE N.E.C. AND SUPPORTED SEPARATELY FROM CONDUIT.
- DEVICES - SWITCHES - SINGLE POLE, 3-WAY AND 4-WAY SWITCHES TO BE 20 AMP., 120/240 OR 277/480 VOLT AS APPLICABLE. MOUNT SWITCHES AS SHOWN ON PLAN. SWITCHES AND DEVICE PLATES SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. HUBBELL #1121 OR EQUAL RECEPTACLES - COMMERCIAL GRADE 20 AMP., 120V, NEMA 5-01P, HUBBELL 1200 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 1121 OR EQUAL. FLOOR BOX WITH BRASS CARPET FLANGE SHALL BE HUBBELL B236 OR EQUAL.
- CONDUIT - ALL ELECTRICAL CONDUIT SHALL BE 3/4" MINIMUM GALVANIZED EMT W/ COMPRESSION FITTINGS. ALL TELECOMMUNICATION CONDUIT SHALL BE 1" 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 INSTALL PER N.E.C. PROVIDE U.L. LISTED EXPANSION FITTINGS IF CONDUIT CROSSES 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 SLAB 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.
- CONDUCTORS:
  - MINIMUM WIRE SIZE FOR BRANCH CIRCUITS BE NO. 12 AWG COPPER.
    - NO. 14 AWG MAY BE USED FOR CONTROL CIRCUIT WIRING WHEN OVER CURRENT PROTECTION IS PROVIDED IN COMPLIANCE WITH THE APPLICABLE NEC, NFPA AND HAS STANDARDS.
    - NO. 14 AWG OR NO. 16 AWG MAY BE USED FOR "FIXTURE WHIPS" FOR INDIVIDUAL FIXTURES WHEN USING INDIVIDUAL FUSE PROTECTION FOR EACH FIXTURE.
  - ALUMINUM WIRE SHALL BE USED ONLY FOR OVERHEAD SPANS FROM POLE TO POLE, POLE TO BUILDING, OR BUILDING TO BUILDING APPLICATIONS.
  - STRANDED WIRE SMALLER THAN NO. 8 AWG MAY BE FOR BRANCH CIRCUITS PROVIDING:
    - THEY ARE CONNECTED TO WIRING DEVICES THAT UTILIZE CLAMP TYPE TERMINATIONS RATHER THAN BINDER HEAD SCREW CONNECTIONS.
    - THEY ARE TERMINATED WITH SPADE TYPE LUGS FOR BINDER HEAD SCREW CONNECTIONS.
    - THEY ARE SPLICED TO SOLID CONDUCTORS FOR BINDER HEAD SCREW CONNECTIONS.
  - STRANDED CONDUCTORS SHALL BE USED FOR ALL MOTOR AND CONTROL CIRCUIT WIRING.
  - CONDUCTORS FEEDING COMPUTER OUTLETS (OR IN CLOSE PROXIMITY TO A TELECOMMUNICATIONS OUTLET) SHALL HAVE A NEUTRAL ONE SIZE LARGER THAN THE PHASE CONDUCTOR.
  - REQUIRED TORQUE TO TERMINALS IN BREAKERS 100A AND ABOVE MUST BE WITNESSED BY HAS/BSG ELECTRICAL INSPECTORS.
  - CONDUIT COLOR CODING SHALL BE CONSISTENT ALONG THE ENTIRE LENGTH OF A CIRCUIT. COLOR CODING SHALL BE AS FOLLOWS:
 

480Y / 277V, 3Ø,	4W 208Y / 120V, 3Ø, 4W	240Y / 120V, 1Ø, 3W
AØ - BROWN	AØ - BLACK	AØ - BLACK
BØ - PURPLE	BØ - RED	CØ - RED
CØ - YELLOW	CØ - BLUE	N - WHITE
N - GRAY	N - WHITE	GRND - BARE
GRND - BARE	GRND - BARE	ISO GRND - GREEN
ISO GRND - GREEN	ISO GRND - GREEN	
- ALL WORK IN WALLS, CEILING AND UNDERGROUND CONDUITS SHALL BE INSPECTED BEFORE COVERING.
- ALL CAD WELDS TO BE INSPECTED BY ELECTRICAL INSPECTOR BEFORE COVERING. ALL CAD WELDS UNDERGROUND TO BE SEALED WITH A COLD TAR (BT MASTIC 50) OR EQUIVALENT AFTER INSPECTION.
- TRANSFORMERS TO BE INSTALLED IN ACCORDANCE WITH HAS DESIGN STANDARDS.
- THE MINIMUM LENGTH OF FLEXIBLE METALLIC CONDUIT (OR LIQUID TIGHT) FOR FINAL CONNECTION TO VIBRATING EQUIPMENT WILL BE 4 FEET. THE MAXIMUM LENGTH FOR ANY CONNECTION WILL BE 6 FEET.
- ALL ELECTRICAL WORK MUST PASS INSPECTION PRIOR TO BACKFILL, CONCRETE PLACEMENT, INSULATION OR COVER (WALL OR CEILING).
- MINIMUM 6" HOUSEKEEPING PAD IS REQUIRED FOR THE PAD MOUNTED TRANSFORMER PER 2023 HAS STANDARDS.

**SYMBOL LEGEND**

**SWITCHES**

- \$ SWITCH, SPST, 20A, 120/277V
- \$ 3 SWITCH, 20A, 120/277V, "2" DENOTES DPST, "3" DENOTES THREE-WAY, "4" DENOTES FOUR-WAY
- D DIMMER CONTROL SWITCH, 1000 WATT UNLESS OTHERWISE NOTED
- \$ M SWITCH, MOTION SENSOR, NOVITAS #01-133
- \$ DC WALL MOUNTED OCCUPANT SENSOR WITH 0-10V DIMMER. PROVIDE ENOUGH SENSORS (CEILING OR WALL MOUNTED) FOR FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSORS). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%). EATON #9150P-010
- HASH MARKS INDICATE NUMBER OF CONDUCTORS PHASE/NEUTRAL/SWITCH/LEG/GROUND FROM LEFT TO RIGHT. NO HASH MARKS INDICATES 2#12, 1#12G, UNLESS OTHERWISE NOTED.
- UNDERGROUND CONDUIT

**RECEPTACLES AND OUTLETS**

- ☉ DUPLEX WALL RECEPTACLE, NEMA 5-15R, 15A, 125V OR NEMA 5-20R, 20A, 125V, RE. SPECIFICATIONS, DOT INDICATES ABOVE COUNTER.
- ☉ WP DUPLEX WALL RECEPTACLE, "WP" DENOTES WEATHERPROOF, "TP" DENOTES SAFETY TYPE, "GFI" DENOTES GROUND FAULT PROTECTION, DOT INDICATES ABOVE COUNTER.
- ☉ FOURPLEX WALL RECEPTACLE, NEMA 5-15R, 15A, 125V, DOT INDICATES ABOVE COUNTER.
- ☉ SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED, DOT INDICATES ABOVE COUNTER.
- ☉ FLOOR OUTLET
- ☉ JUNCTION BOX
- ☉ DIRECT CONNECTION TO EQUIPMENT
- ☉ TELEPHONE WALL OUTLET, PROVIDE 2"x4" OUTLET BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.
- ☉ DATA WALL OUTLET, PROVIDE 2"x4" OUTLET BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.
- ☉ COMBINATION RECEPTACLE/TELEPHONE/DATA FLOOR OUTLET
- ☉ GFI GROUND FAULT INTERRUPTERS

**ELECTRICAL EQUIPMENT**

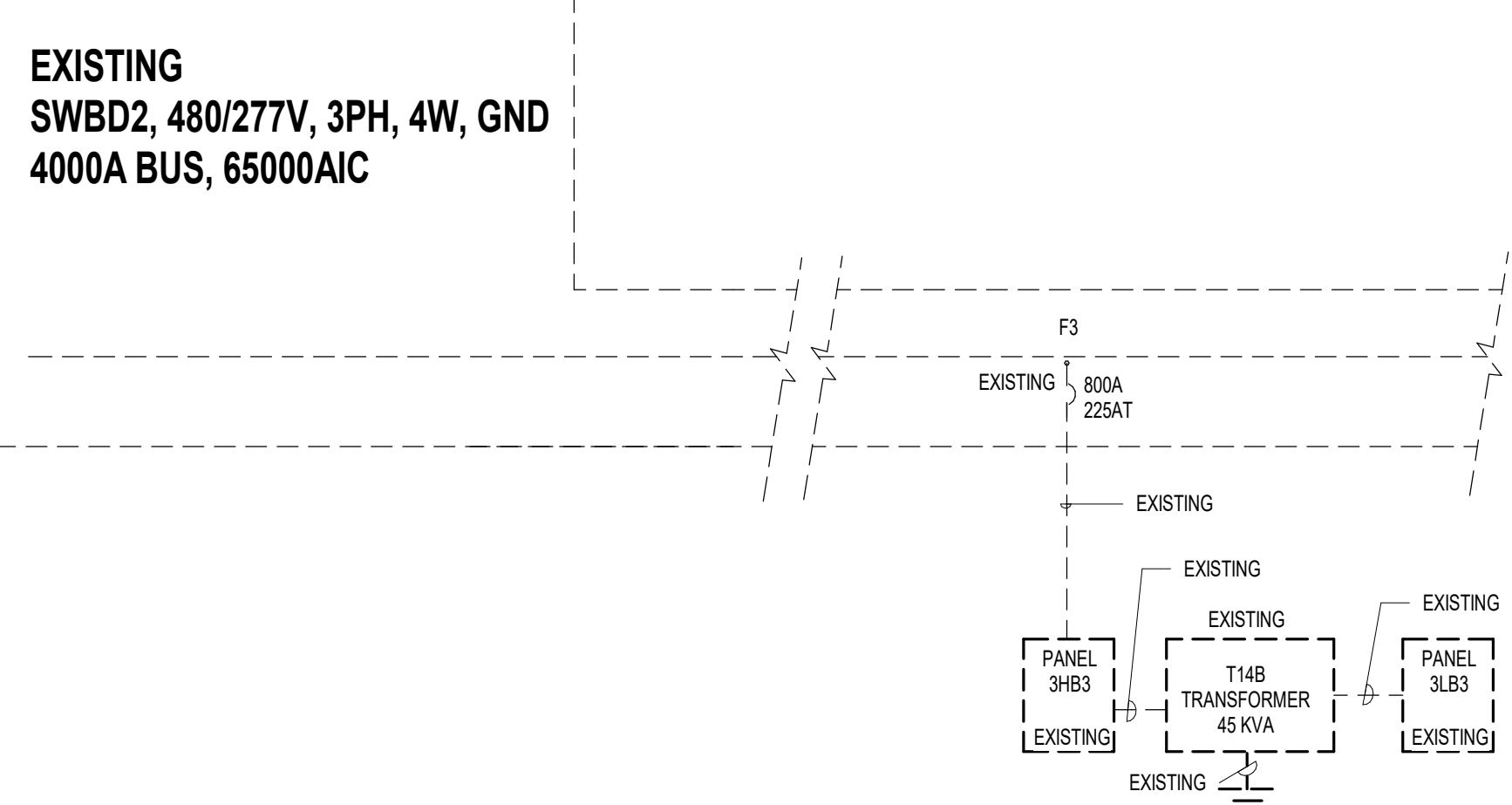
- DISTRIBUTION PANEL
- PLYWOOD TERMINAL BOARD, TYPE AS NOTED, 4 X 8 X 3/4", UNLESS NOTED OTHERWISE
- T TRANSFORMER

**MOTORS AND CONTROLS**

- ☉ SINGLE OR THREE PHASE MOTOR
- ☐ DISCONNECT (SAFETY) SWITCH "200/3150" DENOTES AMPERES/POLES/FUSE, "N" DENOTES NON-FUSED
- ☒ MOTOR STARTER
- ☒ COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER, "300/3150" DENOTES AMPERES/POLES/FUSE/STARTER SIZE, "N" DENOTES NON-FUSED
- \$ m MANUAL MOTOR STARTING WITH THERMAL OVERLOAD

**FIRE ALARM**

- ☒ FIRE ALARM CONTROL PANEL (FLUSH/SURFACE)
- ☒ CEILING SPEAKER/STROBE: (#) IS CANDELA RATING
- ☒ WALL SPEAKER/STROBE
- ☒ CEILING STROBE: (#) IS CANDELA RATING
- ☒ WALL STROBE
- ☒ SPEAKER
- ☒ MANUAL PULL STATION
- ☒ AREA SMOKE DETECTOR, "Y" HEAT DETECTOR, "DD" DUCT DETECTOR
- ☒ SPRINKLER FLOW SWITCH
- ☒ VALVE SUPERVISORY SWITCH



**1 ELECTRICAL ONE LINE DIAGRAM**  
N.T.S.

**LIGHT FIXTURE SCHEDULE**

Mark	Description	Mounting	Lamp/Watts	Type	Volts	Remarks
A1	FLUXWERK INB1-22-B-40-F2-M	RECESSED	29	LED	MVOLT	
A1E	FLUXWERK INB1-22-B-40-F2-M	RECESSED	29	LED	MVOLT	
C1	FOCAL POINT #FLJ6-20LED-L40-RO-T	RECESSED	24.1	LED	MVOLT	
C1E	FOCAL POINT #FLJ6-20LED-L40-RO-T	RECESSED	24.1	LED	MVOLT	
L1	MARK #SL-4-XXFT-4L-XX-90CRI-40K-800LM-FMIN10-277-ZT	RECESSED	144	LED	MVOLT	COORDINATE THE LENGTH OF THE FIXTURE TO ILLUMINATE THE FULL LENGTH OF THE COVE
L2	MARK #FNL-2FT-4D-N-40K-AD-277-CF-N100EMC-DPL	RECESSED	12	LED	MVOLT	
L3	MARK #FNL-3FT-4D-N-40K-AD-277-CF-N100EMC-DPL	RECESSED	18	LED	MVOLT	
L4	LITHONIA #CLX LED L48 5000LM SEF RFL WD MVOLT G210 40K 80CRI	PENDULUM	37.9	LED	MVOLT	
L5	JLC-TECH #TBLX-MN-MO-XX-XX-82-U-XUVN	SURFACE	5.2W/FT	LED	MVOLT	

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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#4981  
03/15/2024  
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY N. CURTIS JONES, JR. P.E. 58428

SHEET NAME: ELECTRICAL DETAILS  
SHEET No. E3.01 SCALE: N.T.S.

SHEET SIZE: 30"x42" ARCH E1



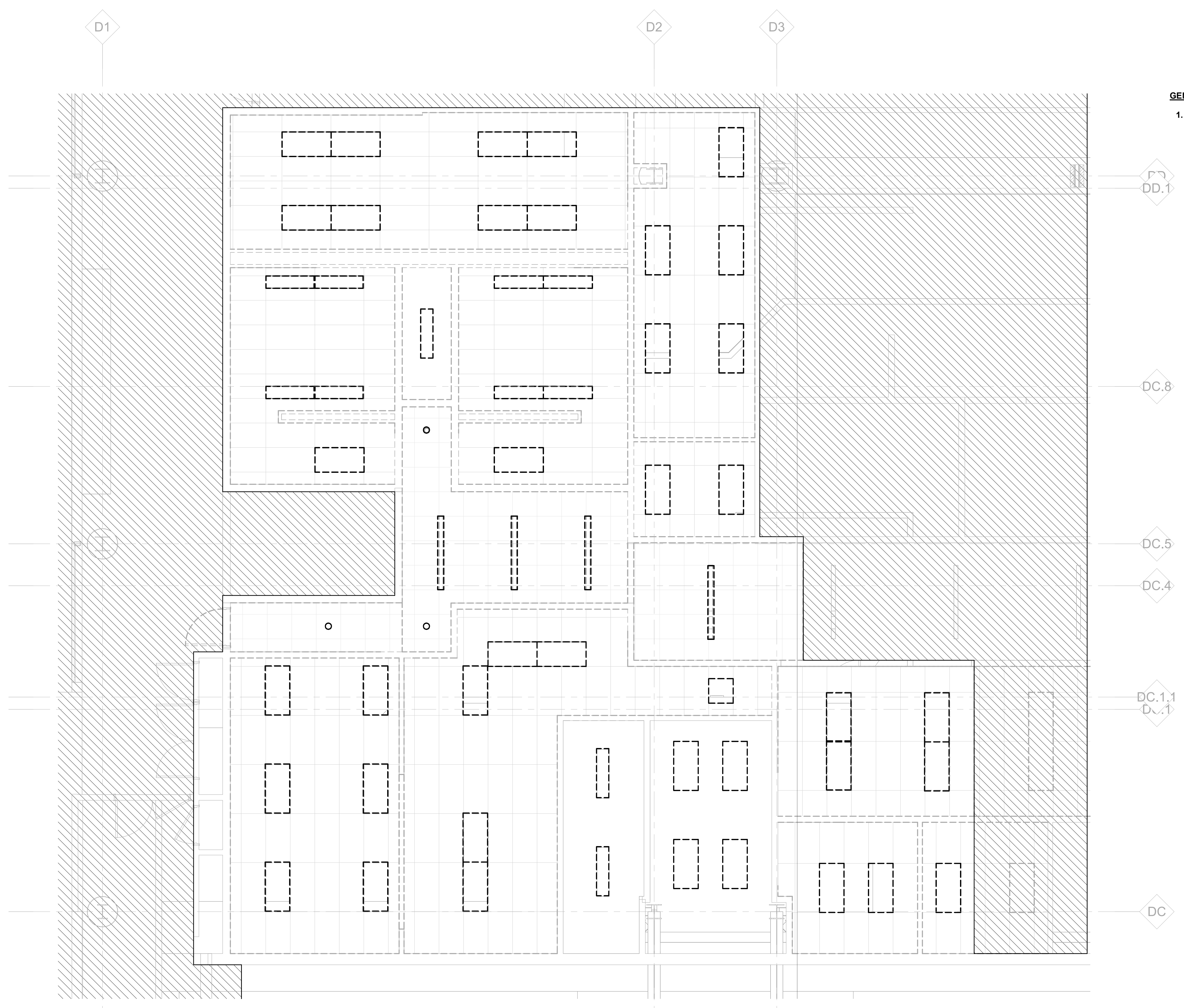




PLOT DATE:  
DOA DWG FILE:  
OLD DOA No. :  
PLOT DATE:

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/4981\_MEP\_Term\_D\_Sterile\_Cor\_RR\_R24.rvt  
HAS FILE:

A B C D E



**GENERAL LIGHTING DEMOLITION NOTES:**  
1. 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. REMOVE ALL LIGHT SWITCHES. REFER TO LIGHTING PLANS FOR NEW LAYOUT.

**1 ELECTRICAL LIGHTING DEMO PLAN**  
1/4" = 1'-0"

A B C D E



3701 North Terminal Rd  
Houston, Texas 77032

**IAH TERMINAL D - STERILE CORRIDOR**

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C.O.H. No. D.O.A No.

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SHEET NAME: ELECTRICAL LIGHTING DEMO PLAN  
SHEET No. EDL1.01 SCALE: 1/4" = 1'-0"  
SHEET SIZE: 30"x42" ARCH E1





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SHEET NAME: ELECTRICAL POWER DEMO PLAN  
SHEET No. EDP1.01 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

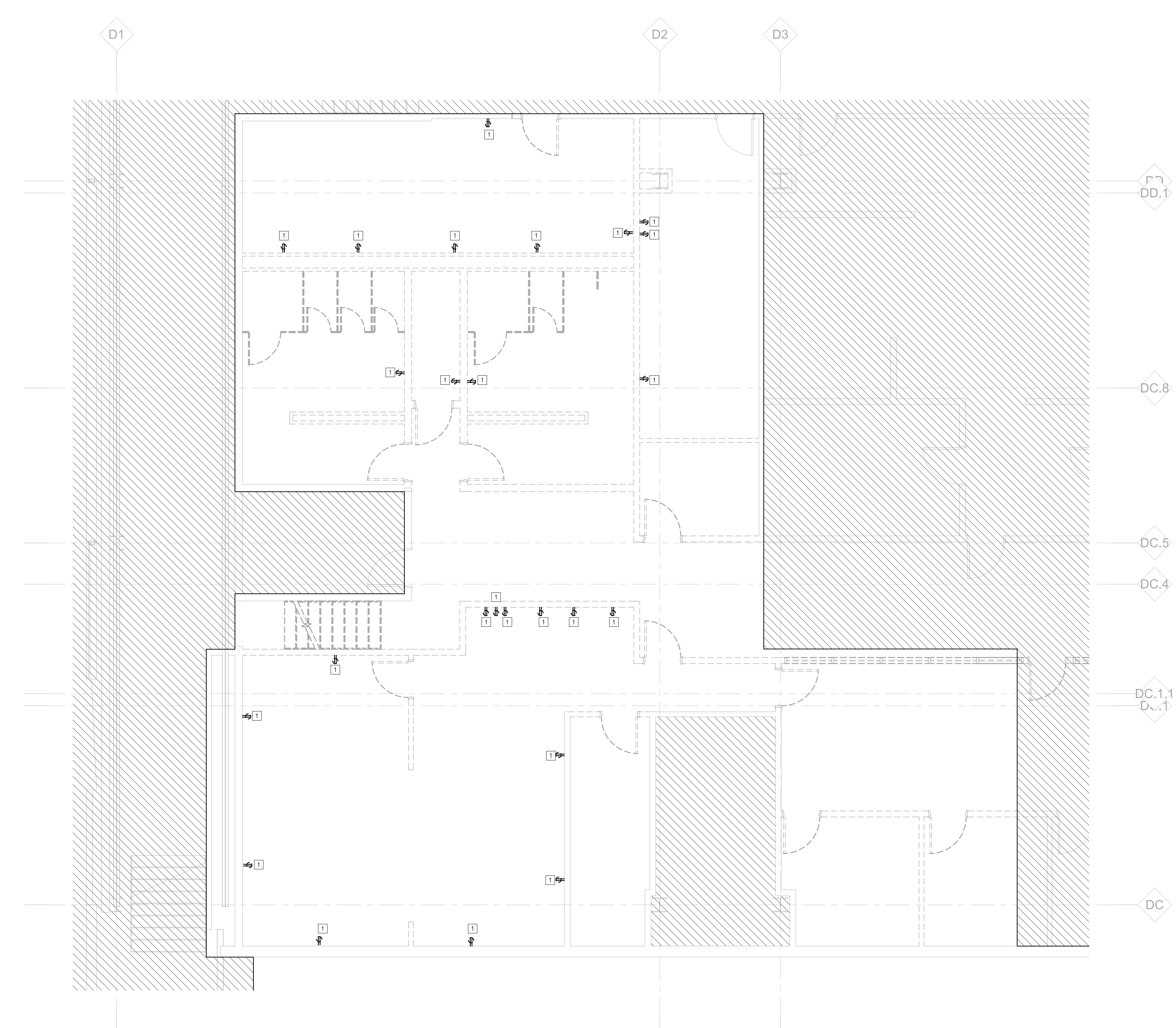
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PLOT DATE:

# 1 ELECTRICAL POWER DEMO PLAN

1/4" = 1'-0"



#	KEYNOTE
1	REMOVE ELECTRICAL DEVICE

DD.1

DC.8

DC.5

DC.4

DC.1.1

DC













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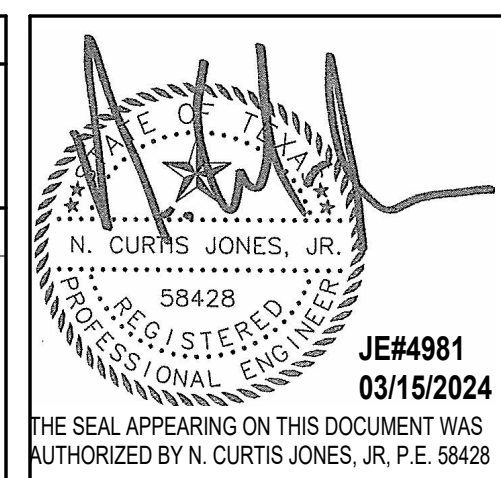
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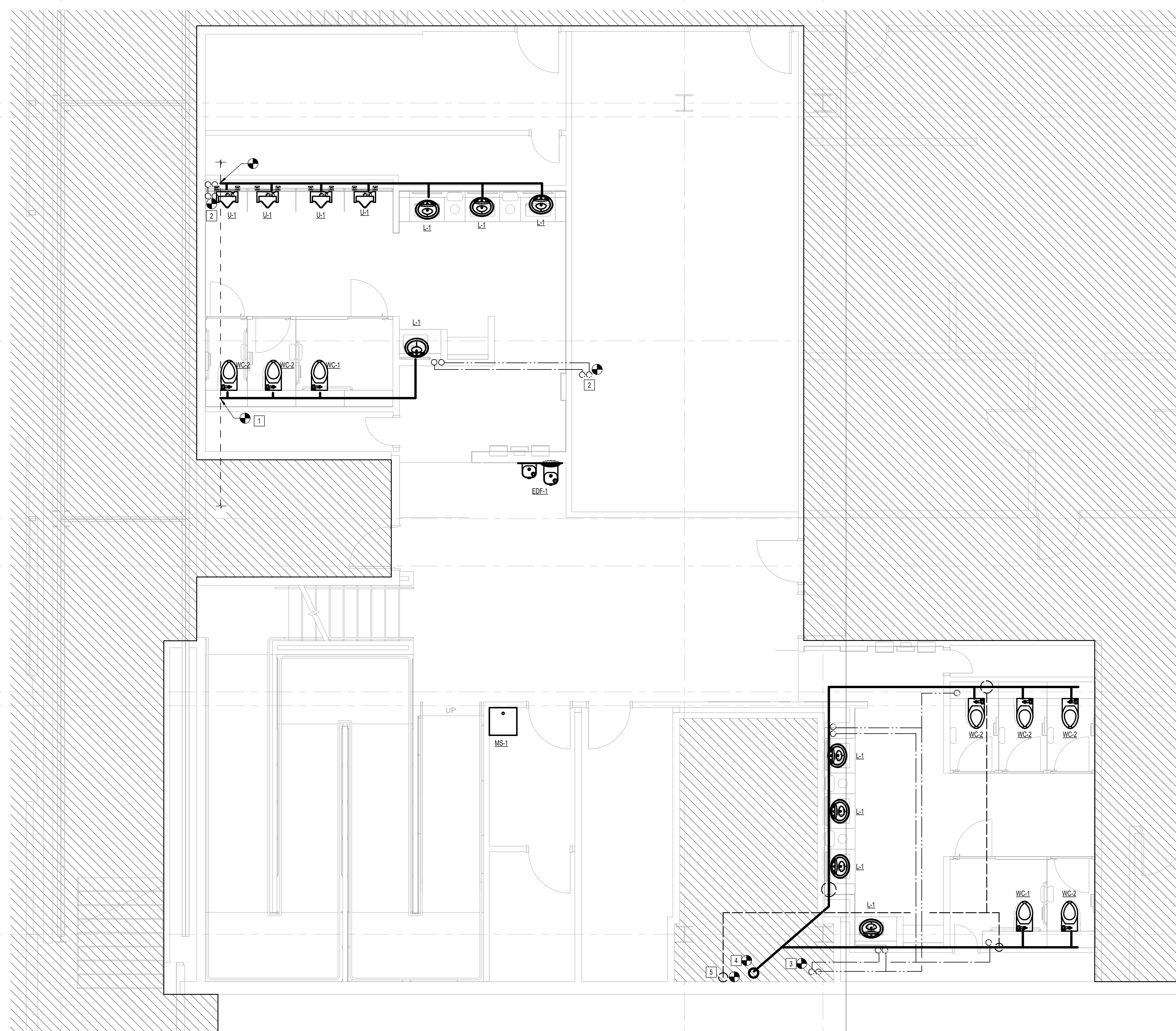


SHEET NAME: PLUMBING PLAN

SHEET No. P1.01 SCALE: 1/4" = 1'-0"

SHEET SIZE: 30"x42" ARCH E1

#	KEYNOTE
1	CONNECT TO EXISTING DCW/DHW TO BELOW FINISHED FLOOR. ROUTING PIPING ON LEVEL BELOW TO NEW CHASE.
2	CONNECT TO EXISTING DCW/DHW TO BELOW FINISHED FLOOR. ROUTING PIPING ON LEVEL BELOW TO NEW CHASE.
3	CONNECT TO EXISTING DCW/DHW IN CHASE.
4	CONNECT TO EXISTING SANITARY LINE BELOW CHASE.
5	CONNECT TO EXISTING VENT LINE IN CHASE.



# 1 PLUMBING PLAN

1/4" = 1'-0"

PLOT DATE: DOA DWG FILE: PLOT DATE: HAS FILE: FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/A981\_MEP\_Term\_D\_Sterile\_Cor\_RR\_R24.rvt



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HAS FILE:

### PLUMBING FIXTURE AND CONNECTION SCHEDULE

MARK	FIXTURE	AREA(S) SERVED	ROUGH-IN CONNECTION SIZE				MANUFACTURER	MODEL	DESCRIPTION AND NOTES
			C.W.	H.W.	WASTE	VENT			
EDF-1	ELECTRIC DRINKING FOUNTAIN						HALSEY TAYLOR	HYDROBOOST HTB-HR/SEB/4 WALL-MOUNTED BI-LEVEL WATER FOUNTAIN WITH BOTTLE FILLING STATION. PUSHBAR ACTIVATION. BOTTLE FILLER PROVIDES 1.1 GPM FLOW RATE WITH LAMINAR FLOW TO MINIMIZE SPLASHING. FOR INDOOR APPLICATIONS. AN ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION WITH AUTO 20-SECOND SHUT-OFF TIMER. ANTI-MICROBIAL, 99.99% CERTIFIED LEAD-FREE DESIGN, CERTIFIED TO NSF/ANSI 42, 53, 61 & 372 (LEAD-FREE), ADA-COMPLIANT.	
L-1	LAVATORY (COUNTERTOP)		1/2"	1/2"	2"	1-1/2"	BRADLEY	VERGE LV002 BASIN - BRADLEY VERGE SINK, LV002 SERIES, EVERO CLASSIC GEO SERIES MYKONS. FAUCET - WASHBAR WB1 U-SHAPED SENSOR FAUCET - BRUSHED STAINLESS STEEL, STANDARD 0.5 GPM LAMINAR FLOW, PROVIDE WITH HARD-WIRED AC POWER SUPPLY. PROVIDE WITH WATTS #LFMV, ASSE 1870 COMPLIANT THERMOSTATIC MIXING VALVE.	
MS-1	MOP SINK		3/4"	3/4"	3"	2"	ZURN INDUSTRIES	1996-04 BASIN: FLOOR-MOUNTED, 24x24x10" SQUARE, MOP SERVICE BASIN WITH ZURN 2415B DRAIN BODY ASSEMBLY, STAINLESS-STEEL BUMPER GUARD AND STAINLESS-STEEL WALL GUARD. FAUCET: ZURN AQUASPEC ZK400-XL, CHROME-PLATED FAUCET WITH VACUUM BREAKER, INTEGRAL STOP, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT. BODY INLETS 8" CENTER TO CENTER, COLD (BLUE) AND HOT (RED) INDICATORS.	
U-1	URINAL		1-1/2"		4"	2"	TOTO	UT104EV 6880.001 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 TET3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE: TOTO TET2LA SATIN FINISH.	
WC-1	WATER CLOSET (ADA)		1-1/2"		4"	2"	TOTO	CT708EVG BOWL: WALL-HUNG, WHITE VITREOUS CHINA, TOP-SPOUD 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 TET3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE: TOTO TET2LA 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 HINGES WITH NON-CORROSIVE 304 SERIES STAINLESS STEEL POSTS AND PINTLES, COMPLYING WITH APMOJANSI 2124.5-2013, TOTO SC234.	
WC-2	WATER CLOSET		1-1/2"		4"	2"	TOTO	CT708EVG BOWL: WALL-HUNG, WHITE VITREOUS CHINA, TOP-SPOUD 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 TET3LA SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE: TOTO TET2LA 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 HINGES WITH NON-CORROSIVE 304 SERIES STAINLESS STEEL POSTS AND PINTLES, COMPLYING WITH APMOJANSI 2124.5-2013, TOTO SC234.	



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SHEET NAME: PLUMBING SCHEDULES AND DETAILS

SHEET No. P3.01 SCALE:

SHEET SIZE: 30"x42" ARCH E1





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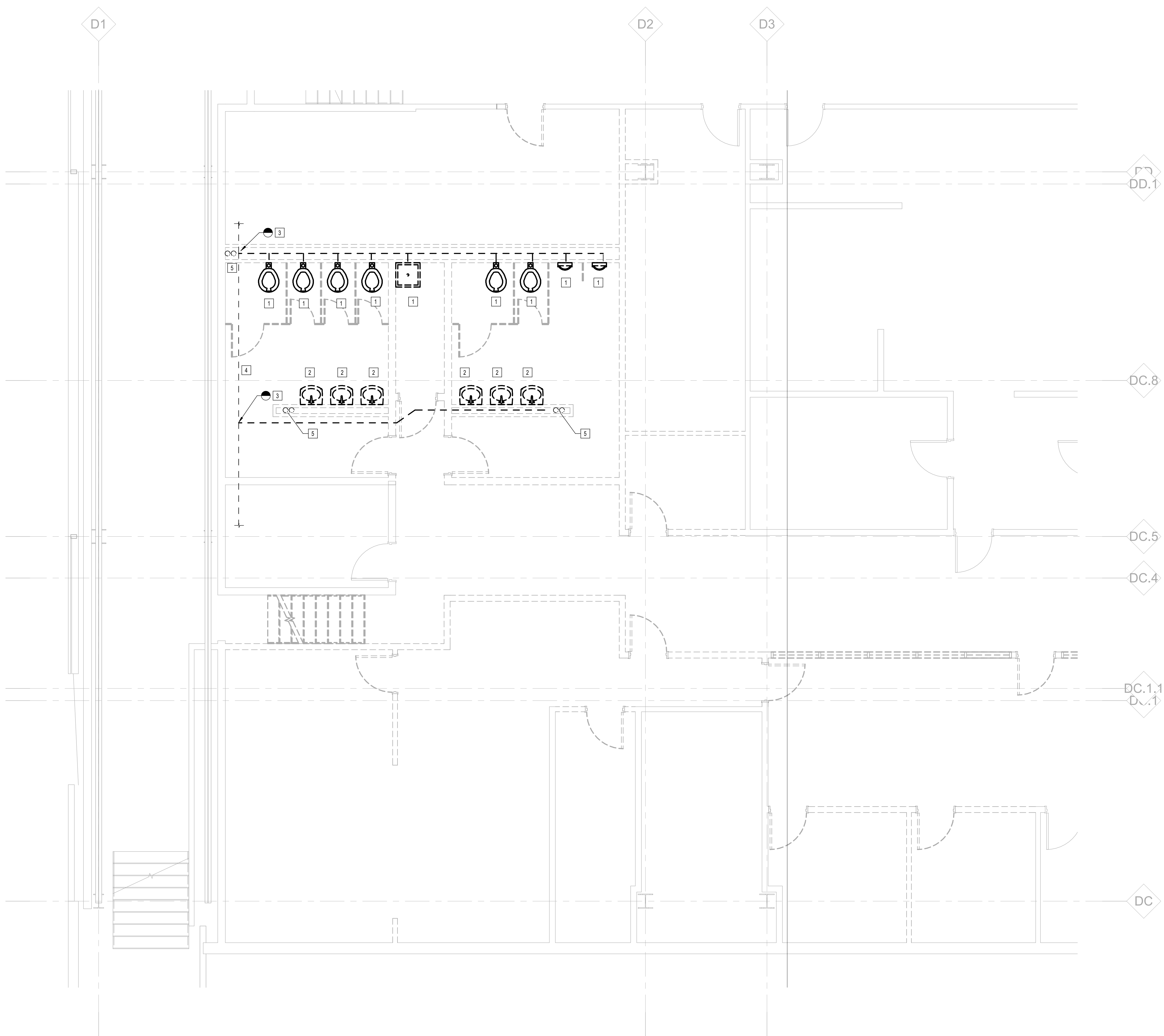
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SHEET NAME: PLUMBING DEMOLITION PLAN  
 SHEET No. PD1.01 SCALE: 1/4" = 1'-0"  
 SHEET SIZE: 30"x42" ARCH E1

#	KEYNOTE
1	EXISTING WATER CLOSET/POOP SINK/URINAL TO BE DEMOLISHED. EXISTING PIPING TO CAPPED/SEALED AT LEVEL BELOW
2	EXISTING LAVATORY TO BE DEMOLISHED.
3	EXISTING SANITARY PIPING IN CHASE AND UNDER FINISHED FLOOR TO BE DEMOLISHED AS INDICATED.
4	EXISTING SANITARY PIPING MAIN IS EXISTING TO REMAIN
5	EXISTING DCWIDHW TO BE DEMOLISHED TO BELOW SLAB AND CAPPED AND SEALED.



1 PLUMBING DEMO PLAN  
1/4" = 1'-0"

PLOT DATE: DOA DWG FILE: DOA DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/A981 MEP\_Term\_D\_Sterile\_Cor\_RR\_R24.rvt HAS FILE:



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HAS FILE:

### 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-101	TECHNOLOGY - INT ARRIVAL OVERALL FLOOR PLAN
T-102	TECHNOLOGY - DEPARTURES OVERALL FLOOR PLAN
T-103	TECHNOLOGY - ENLARGED RR FLOOR PLANS - STERILE CORRIDOR
T-401	TECHNOLOGY - ENLARGED PLAN - IDF D400
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 <sub>O</sub>	NETWORK SWITCH (OWNER)
NS <sub>T</sub>	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



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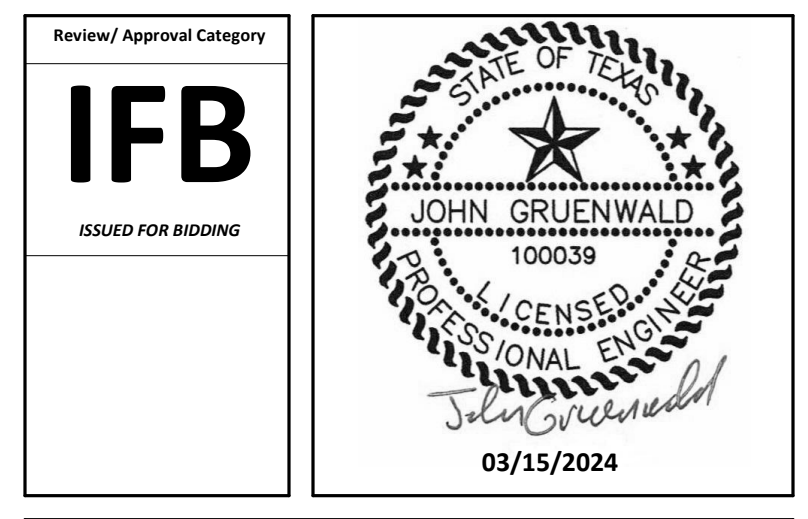
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APPROVAL DATE: 03/15/2024

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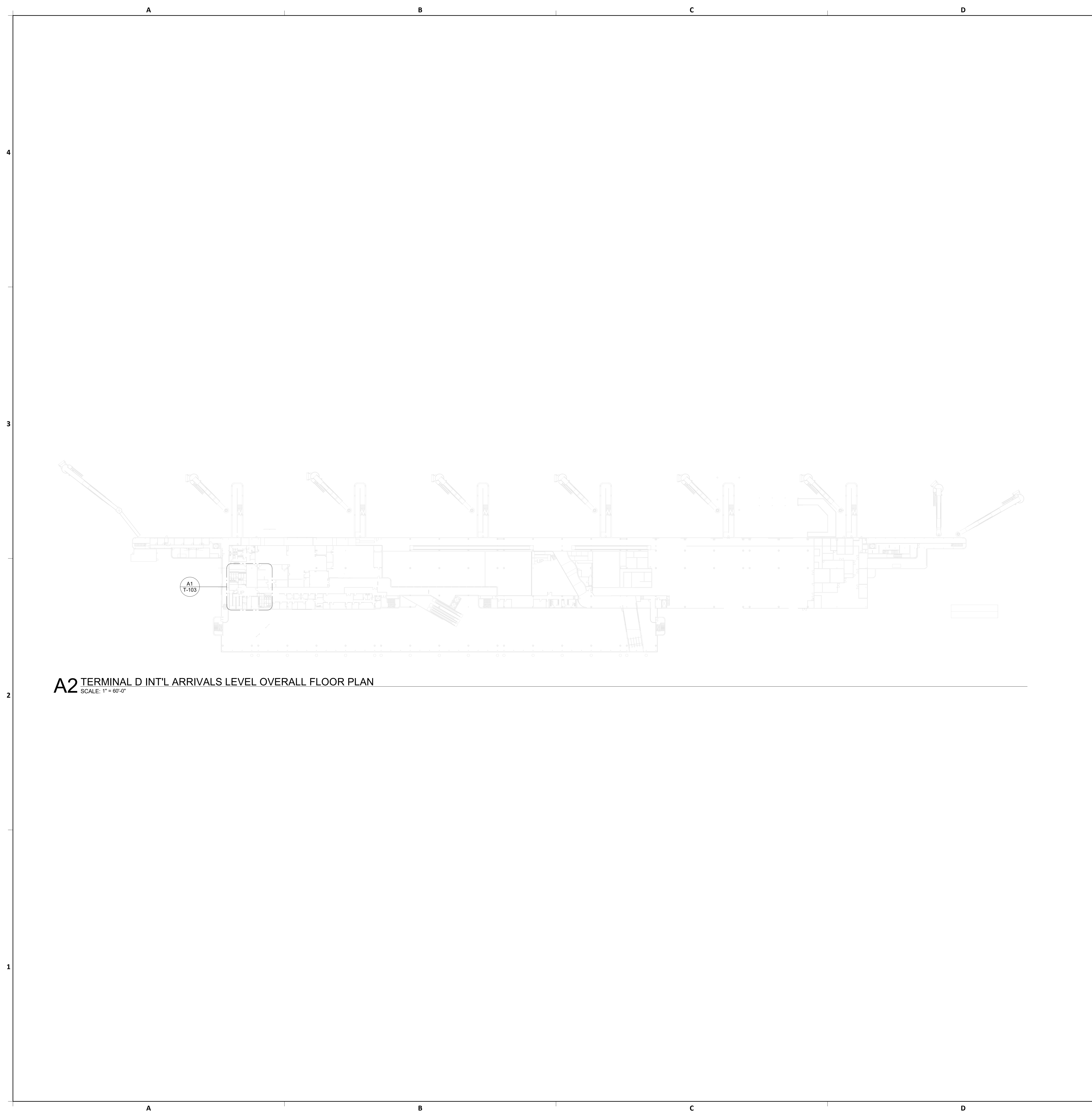


SHEET NAME: TECHNOLOGY - ABBREVIATIONS & SYMBOLS  
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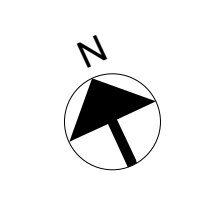


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**A2** TERMINAL D INT'L ARRIVALS LEVEL OVERALL FLOOR PLAN  
SCALE: 1" = 60'-0"



**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 DEMOD TECHNOLOGY DEVICES TO HAS IT.

**KEYED NOTES**

**HOUSTON AIRPORTS**

3701 North Terminal Rd  
Houston, Texas 77032

**IAH TERMINAL D - STERILE CORRIDOR**

C.I.P. No.	A.I.P. No.
C.O.H. No.	D.O.A. No.
B.S.G. No.	H.A.S. No.
ITRP T.I.P. No.	

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structural engineers

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Houston, TX 77032  
346.570.2418  
pgaeengineers.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

<p><b>IFB</b></p> <p>ISSUED FOR BIDDING</p>	
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SHEET NAME: TECHNOLOGY - INT ARRIVAL OVERALL FLOOR PLAN  
SHEET No. T-101 SCALE: 1" = 60'-0"  
SHEET SIZE: 30"x42" ARCH E1



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

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-T\_PGA\_acuaranaU75VK.rvt

HAS FILE:

PLOT DATE:

A

B

C

D

**GENERAL NOTES**

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TRP T.I.P. No.		

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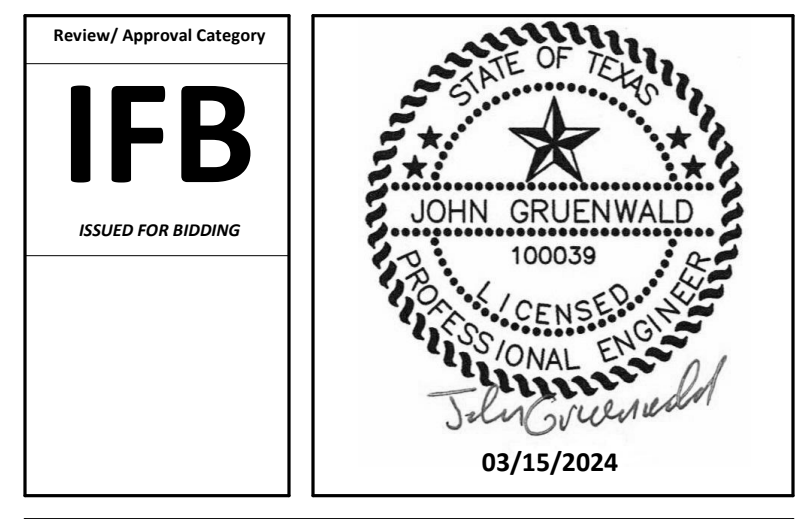
**DESIGNER PROJECT No.:**  
**PROJECT STATUS:** IFB

**REVISIONS**

No.	DESCRIPTION	DATE	BY

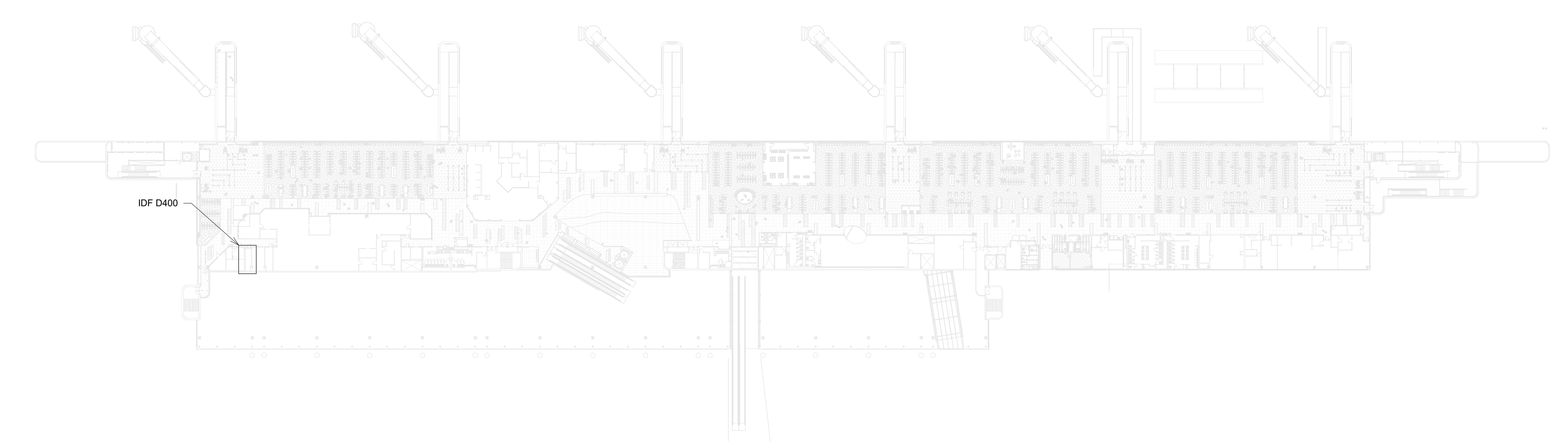
**DESIGN BY:** PGA  
**DRAWN BY:** AC  
**CHECKED BY:** JG  
**ISSUE DATE:** 03/15/2024  
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**APPROVAL DATE:** 03/15/2024

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**HOUSTON AIRPORT SYSTEM**

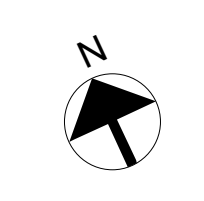


**SHEET NAME:** TECHNOLOGY - DEPARTURES OVERALL FLOOR PLAN  
**SHEET No.:** T-102 **SCALE:** 1" = 60'-0"  
**SHEET SIZE:** 30"x42" ARCH E1

**A2 TERMINAL D DEPARTURES LEVEL**  
SCALE: 1" = 60'-0"



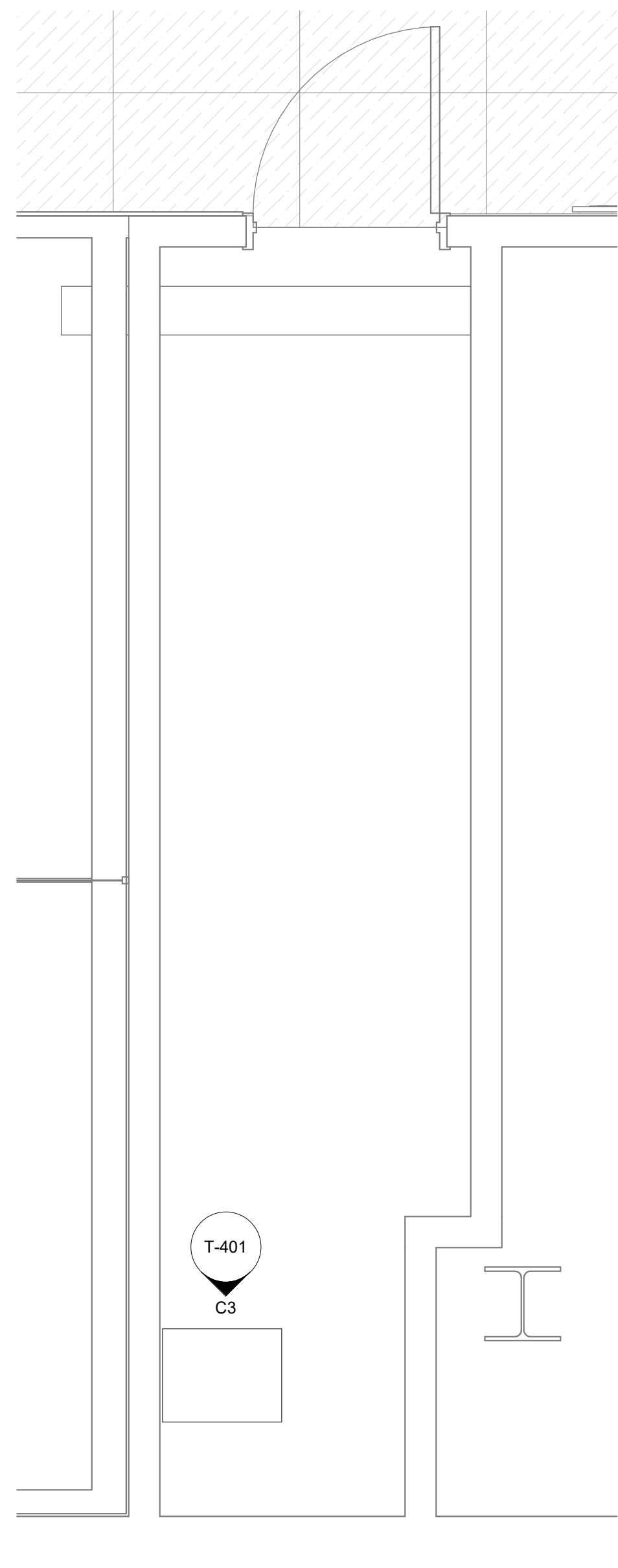
**KEYED NOTES**



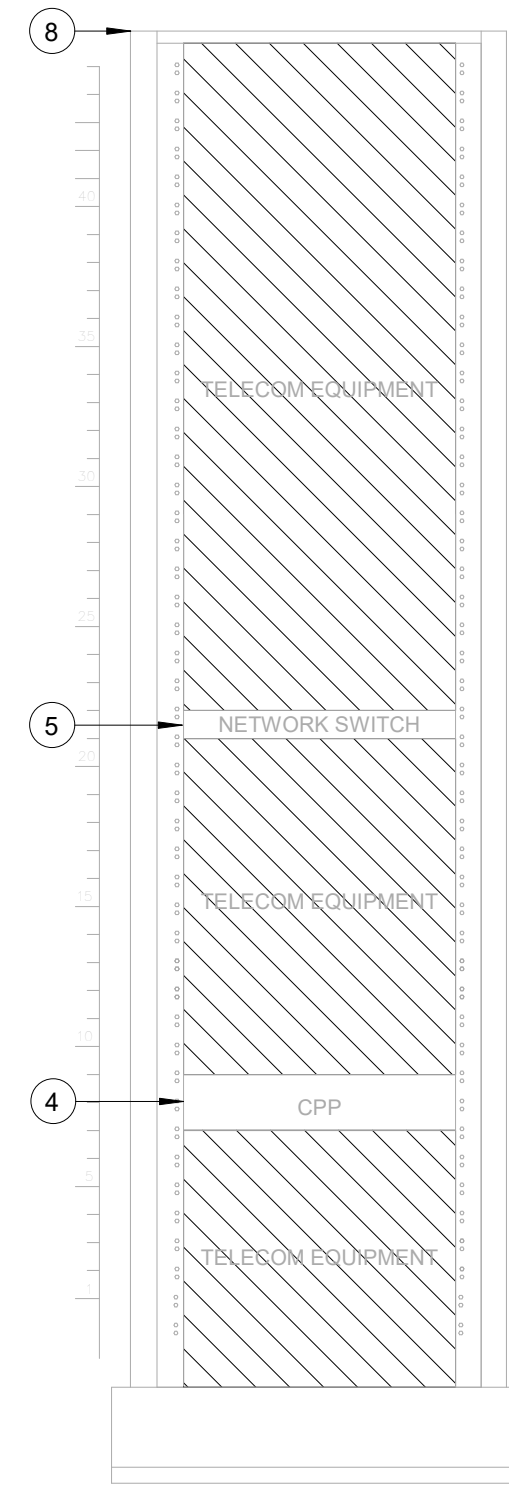




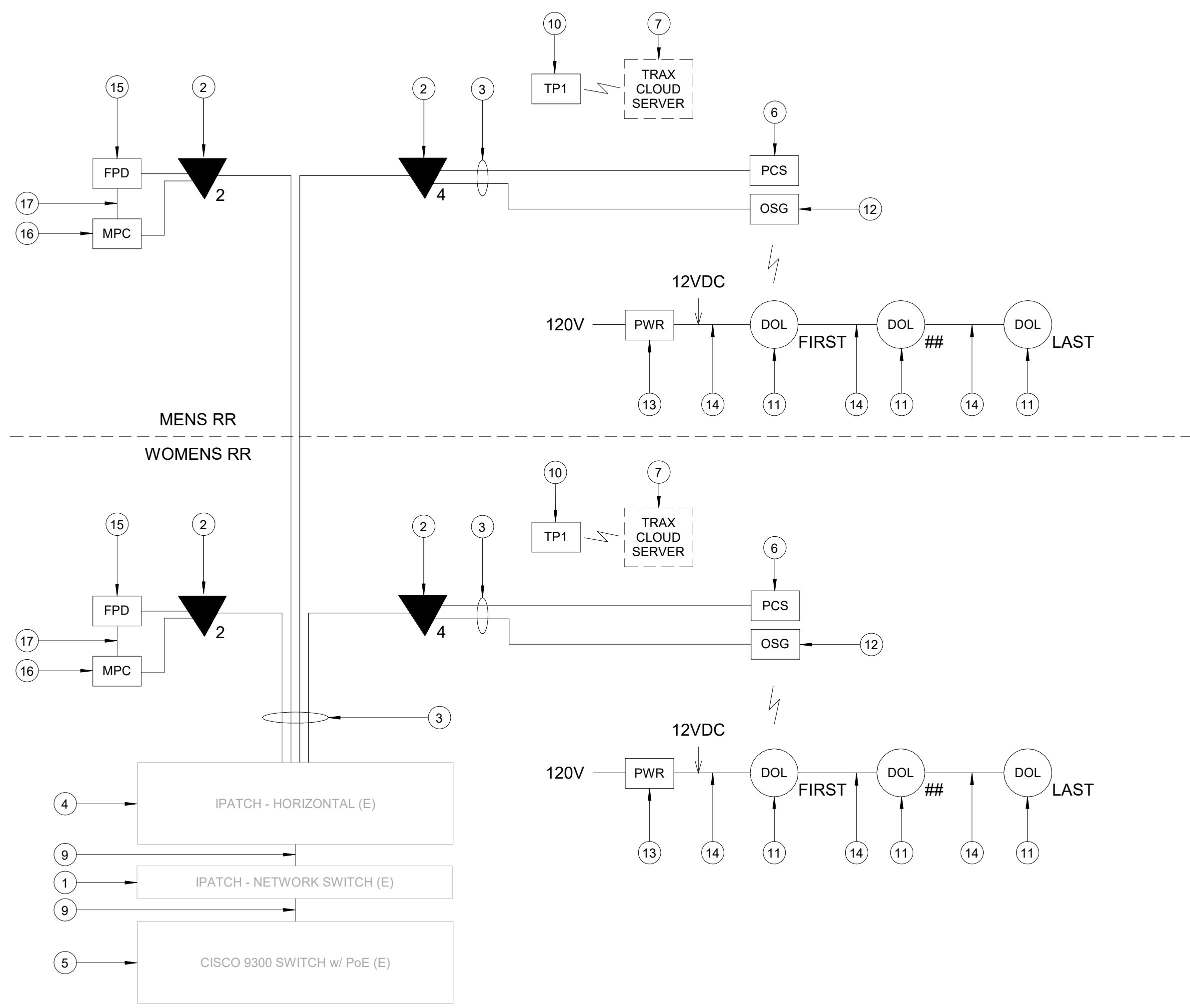




**A2 ENLARGED PLAN IDF D400**  
SCALE: 1/2" = 1'-0"



**C3 IDF D400 - CABINET/RACK ELEVATIONS**  
SCALE: 1" = 1'-0"



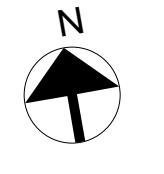
**A1 IDF D400 - ONE LINE DIAGRAM**  
SCALE: NTS

**GENERAL NOTES**

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**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, "TD-400-9308-2" (E)
- PASSENGER COUNT SENSOR, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. 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, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- BATHROOM STALL OCCUPANCY LIGHTS, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. EXACT NUMBER DAISY-CHAINED NOT SHOWN, REFERENCE SHEET T-103.
- BATHROOM STALL OCCUPANCY LIGHT GATEWAYS, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. LOCATED IN RESTROOM CLOSET RECS, REFERENCE SHEET T-103.
- BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. MUST BE HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-1/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE.
- PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS.
- FLAT PANEL DISPLAY, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- MINI COMPUTER, LATEST HAS IT ADOPTED PRODUCTS SELECTED BY TRAX. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- HDMI CABLE.



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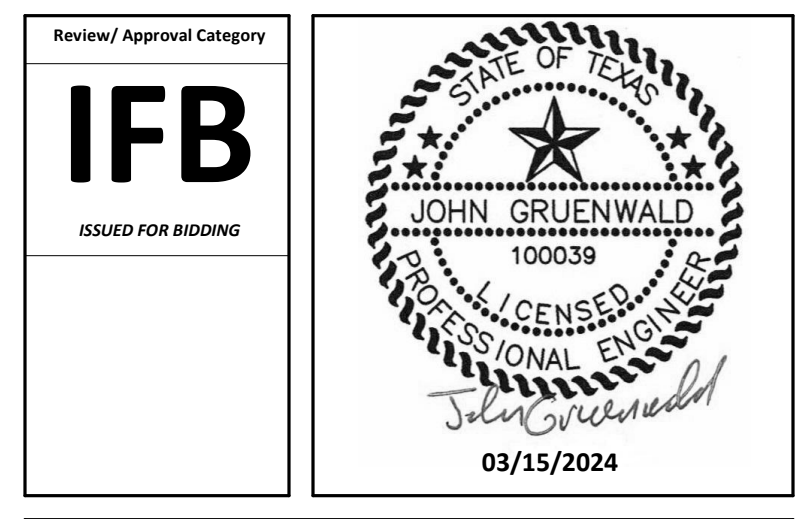
3838 N Sam Houston Pkwy, Ste. 550  
Houston, TX 77032  
346.570.2418  
pgainc.com  
TBP# FRM #12493

**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**



**REVIEW/Approval Category**  
**IFB**  
ISSUED FOR BIDDING

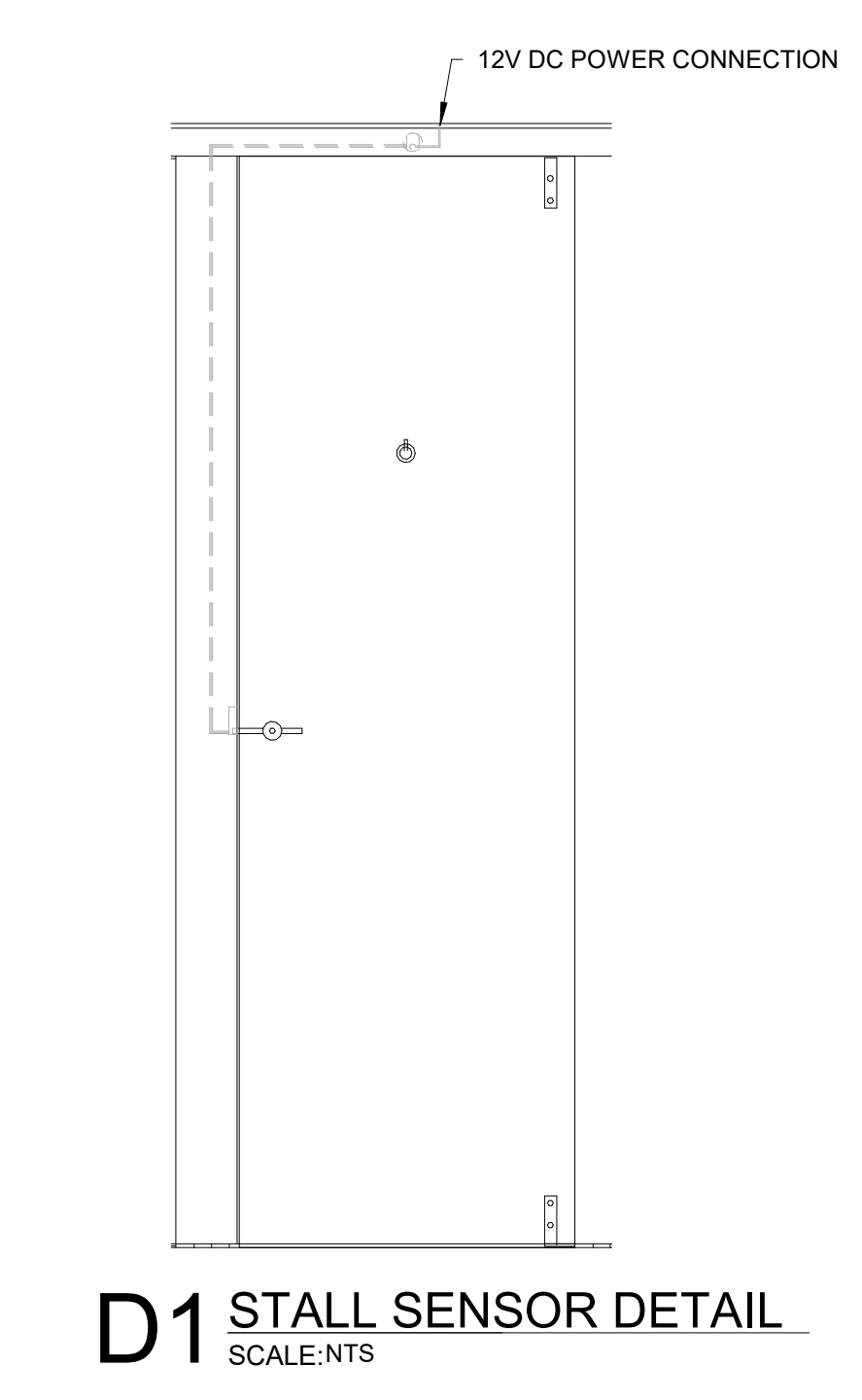
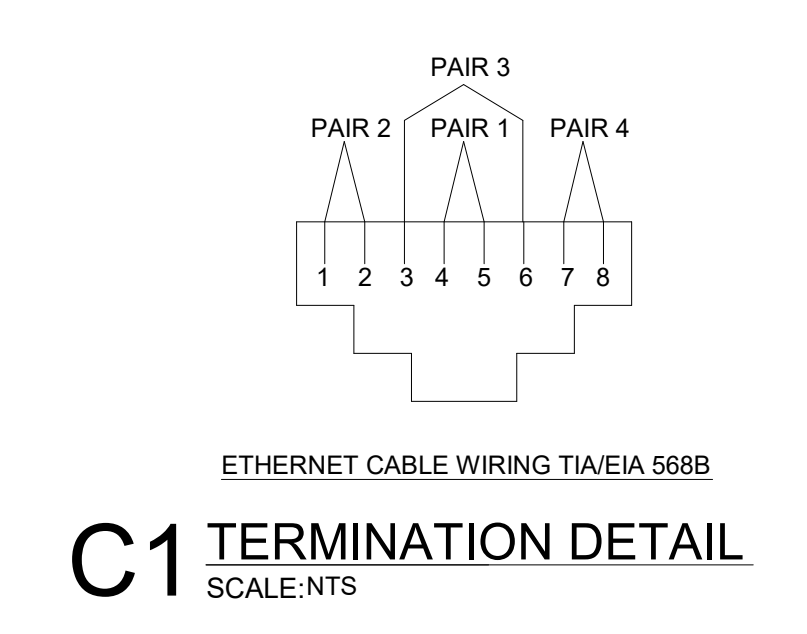
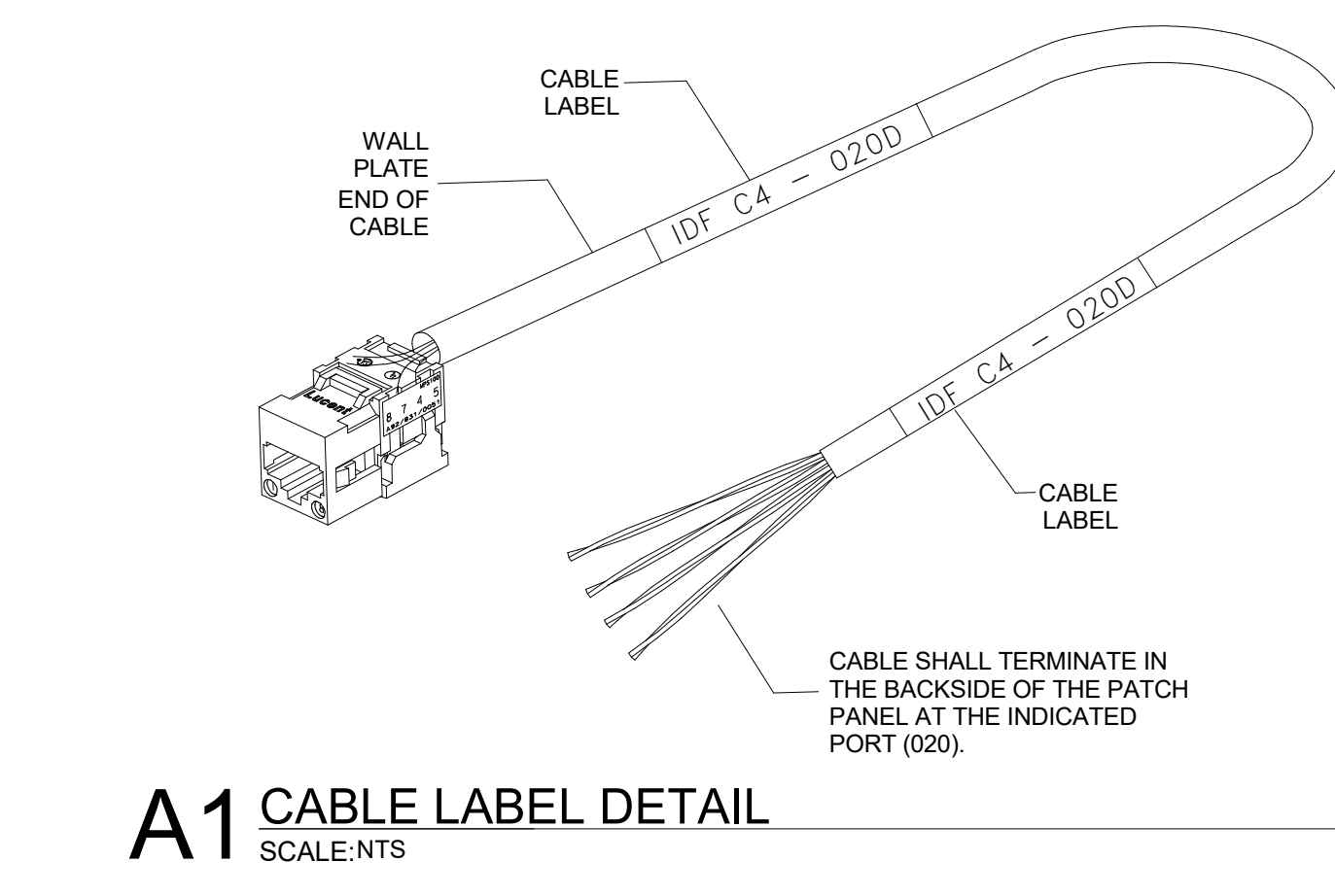
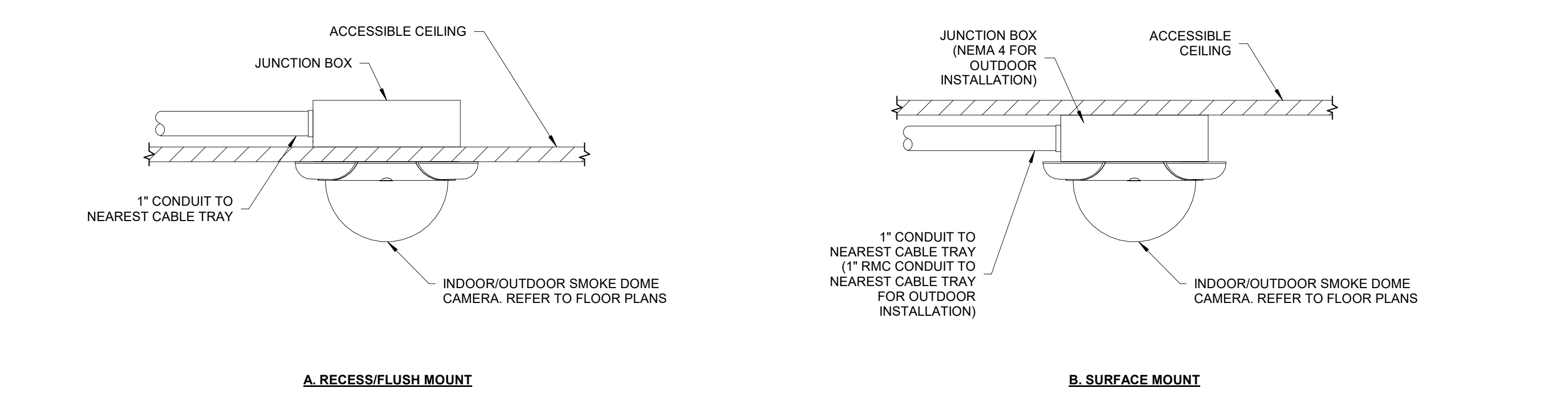
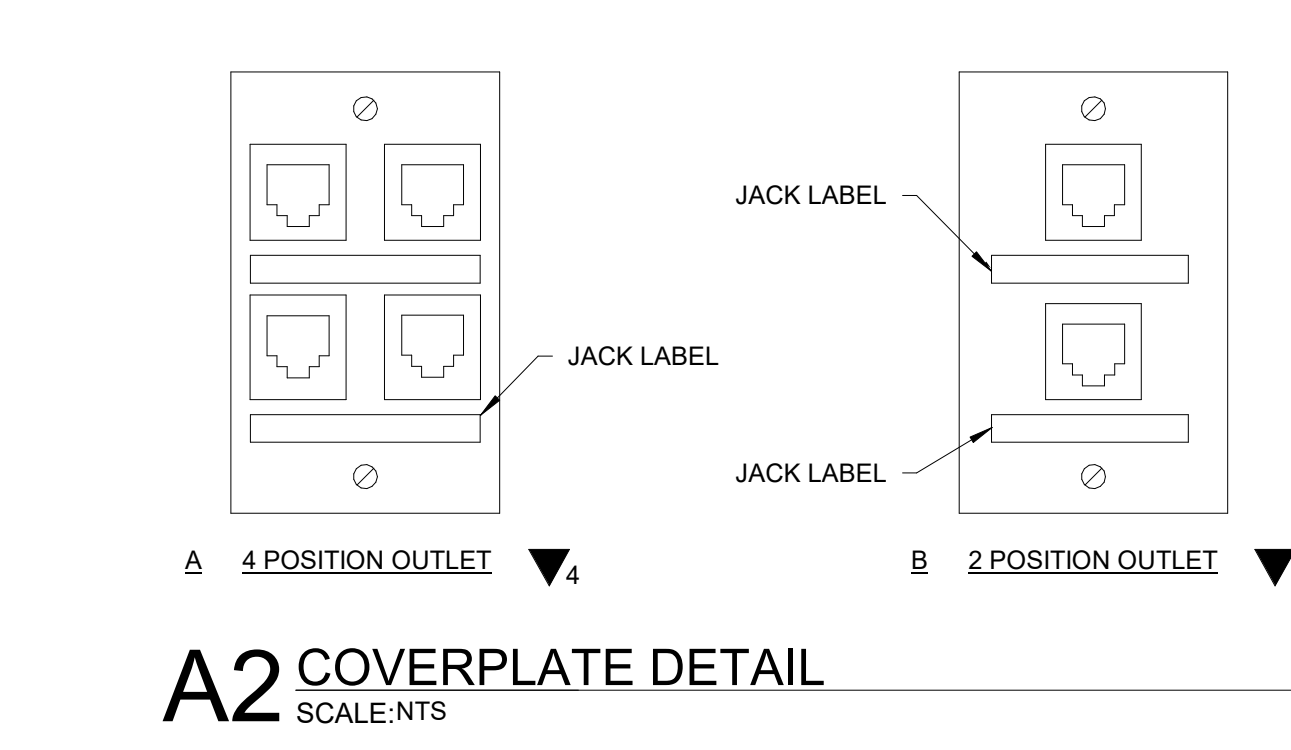
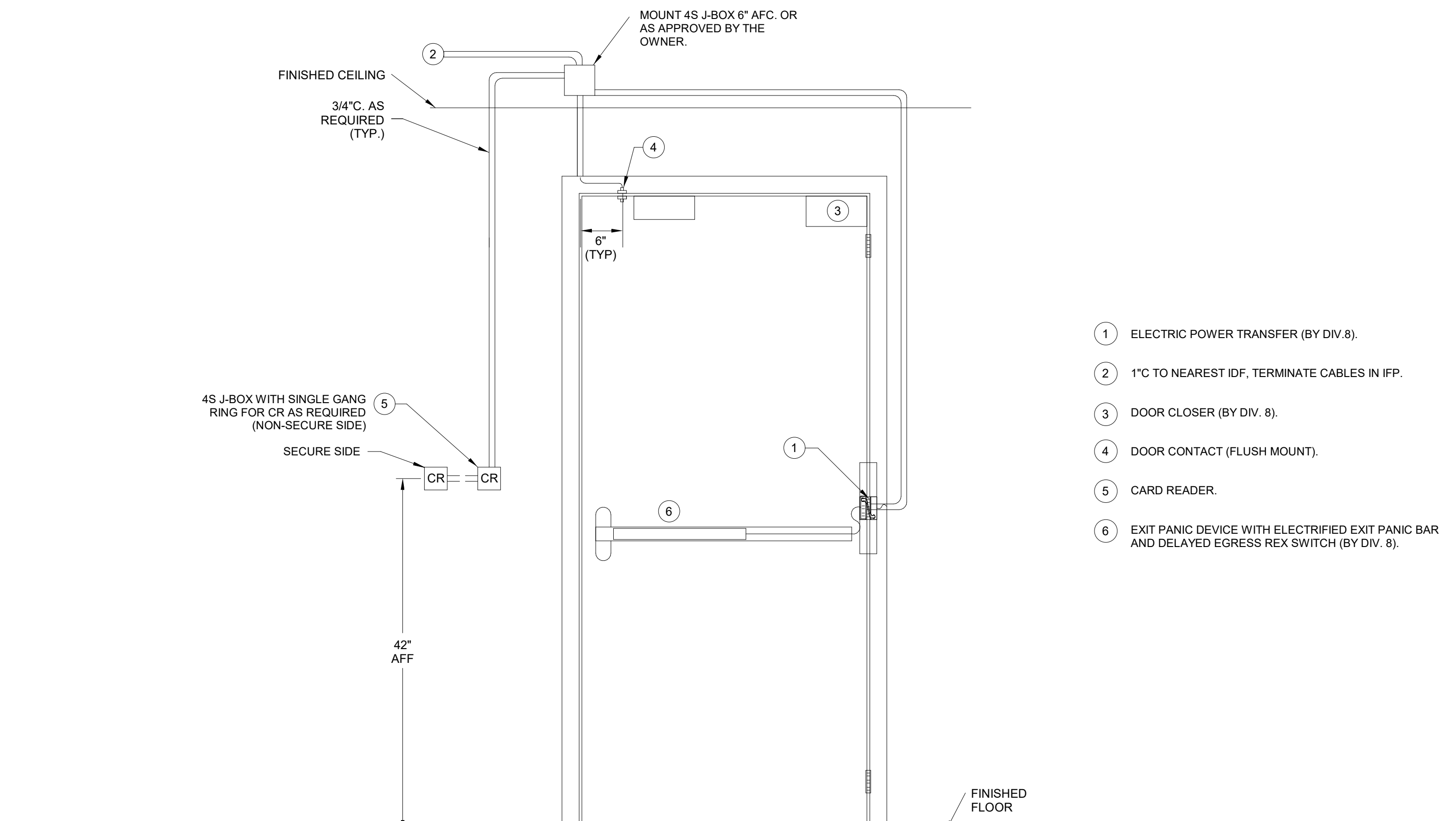
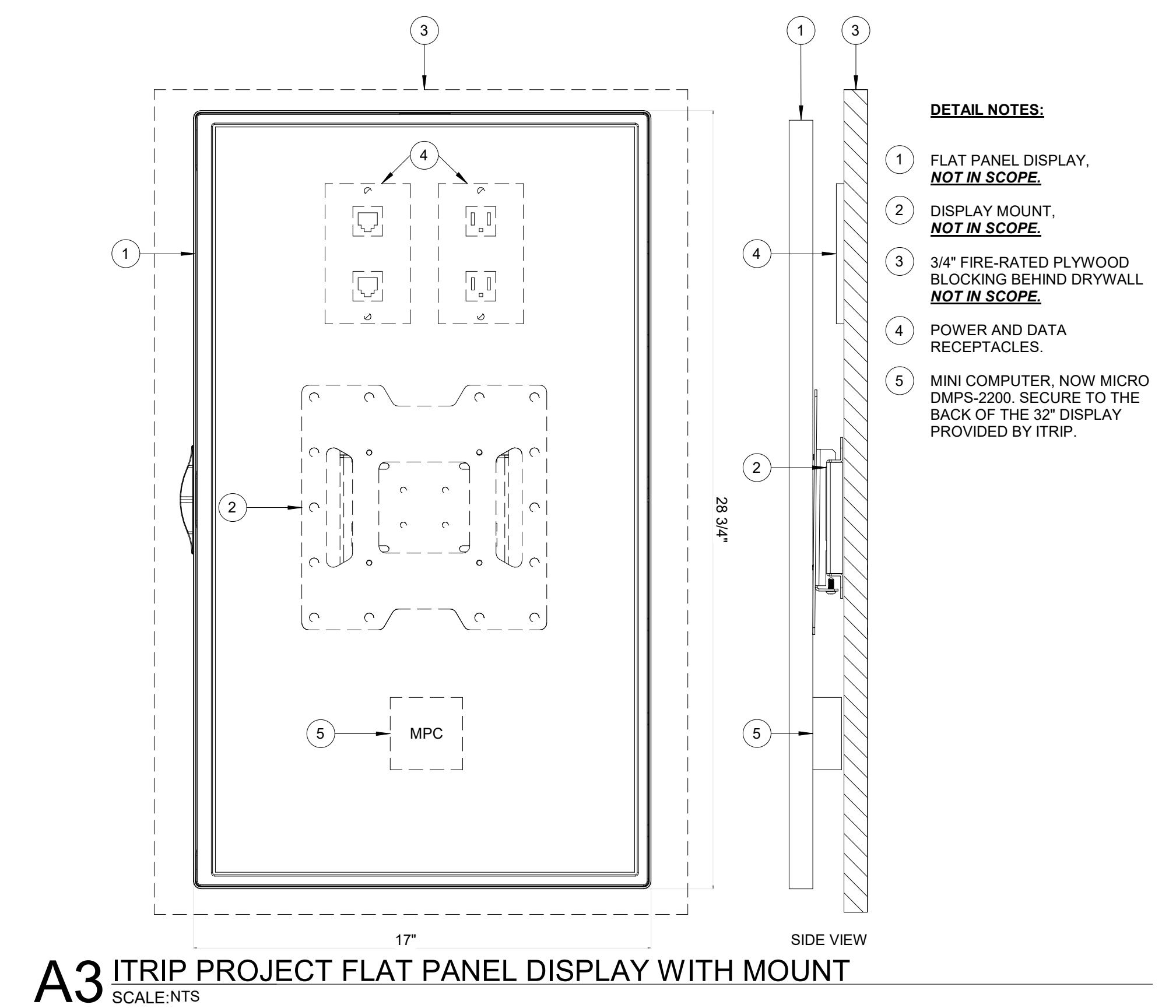
**SHEET NAME:** TECHNOLOGY - ENLARGED PLAN - IDF D400  
**SHEET No.:** T-401 **SCALE:** As indicated  
**SHEET SIZE:** 30"x42" ARCH E1

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23 IAH T-D STERILE CORRIDOR-T\_PGA\_acuarana/75VK.rvt  
 HAS FILE:  
 PLOT DATE:  
 DOA DWG FILE:  
 OLD DOA No.:  
 PLOT DATE:



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

FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-T\_PGA\_acuaranaU75VK.rvt  
HAS FILE:



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**IAH TERMINAL D - STERILE CORRIDOR**

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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  
JOHN GRUENWALD  
100039  
03/15/2024

**SHEET NAME:** TECHNOLOGY - EQUIPMENT DETAILS

**SHEET No.:** T-500 **SCALE:** As indicated

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



TECHNOLOGY SCHEDULE TERMINAL D				
DEVICE ID	LOCATION	DESCRIPTION	MANUFACTURER	MODEL
BTP.01	STERILE CORRIDOR	BLUE TOOTH BEACON	BY TRAX	BY TRAX
BTP.02	STERILE CORRIDOR	BLUE TOOTH BEACON	BY TRAX	BY TRAX
BTP.03	STERILE CORRIDOR	BLUE TOOTH BEACON	BY TRAX	BY TRAX
BTP.04	STERILE CORRIDOR	BLUE TOOTH BEACON	BY TRAX	BY TRAX
DOL.001	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.002	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.003	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.004	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.005	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.006	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.007	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
DOL.008	STERILE CORRIDOR	LED OCCUPANCY LIGHT	BY TRAX	BY TRAX
FDP.01	STERILE CORRIDOR	FLAT PANEL DISPLAY	BY TRAX	BY TRAX
FDP.02	STERILE CORRIDOR	FLAT PANEL DISPLAY	BY TRAX	BY TRAX
MPC.01	STERILE CORRIDOR	MINI PC	BY TRAX	BY TRAX
MPC.02	STERILE CORRIDOR	MINI PC	BY TRAX	BY TRAX
OSG.01	STERILE CORRIDOR	OCCUPANCY LIGHT GATEWAY	BY TRAX	BY TRAX
PCS.01	STERILE CORRIDOR	PASSENGER COUNT SENSOR	BY TRAX	BY TRAX
PCS.02	STERILE CORRIDOR	PASSENGER COUNT SENSOR	BY TRAX	BY TRAX
REC.01	STERILE CORRIDOR	WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE	GREAT LAKES	WALL MOUNT 7RU
SP1.01	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
SP1.02	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
SP1.03	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
SP1.04	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
SP1.05	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
SP1.06	STERILE CORRIDOR	70V CEILING SPEAKER	JBL	CONTROL 24CT
TP1.01	STERILE CORRIDOR	PASSENGER FEEDBACK TABLET	BY TRAX	BY TRAX
TP1.02	STERILE CORRIDOR	PASSENGER FEEDBACK TABLET	BY TRAX	BY TRAX

### A3 EQUIPMENT SCHEDULE - STERILE CORRIDOR RESTROOMS

SCALE: 1/16" = 1'-0"

ITEM	CAMERA NO.	SHEET NO.	LEVEL	CAMERA VIEW	CAMERA TYPE	CAMERA MOUNTING TYPE	TERMINATING IDF	REFERENCE MOUNTING DETAIL
1	C.01	T-103	TERMINAL D INT'L ARRIVALS LEVEL	SIDA DOOR	HD FIXED	CEILING	D 400	C2/T-600
2	C.02	T-103	TERMINAL D INT'L ARRIVALS LEVEL	SIDA DOOR	HD FIXED	CEILING	D 400	C2/T-500

### A2 CAMERA SCHEDULE

SCALE: NTS

ITEM	READER NO.	SHEET NO.	LEVEL	DOOR NO.	LOCATION	READER TYPE	MOUNT	ASSOCIATED CAMERA	TERMINATING IDF	REFERENCE DOOR DETAIL
1	R.01	T-102	TERMINAL D INT'L ARRIVALS LEVEL		HALLWAY	KEYPAD	WALL	C.01	D 400	C3/T-500
2	R.02	T-102	TERMINAL D INT'L ARRIVALS LEVEL		HALLWAY	KEYPAD	WALL	C.02	D 400	C3/T-500

### A1 CARD READER SCHEDULE

SCALE: NTS



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DESIGNER PROJECT No.:  
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REVISIONS		
No.	DESCRIPTION	DATE BY

DESIGN BY: PGA  
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DIRECTOR  
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HOUSTON AIRPORT SYSTEM

IFB ISSUED FOR BIDDING

SHEET NAME: TECHNOLOGY - EQUIPMENT SCHEDULES  
SHEET No. T-600 SCALE: As indicated  
SHEET SIZE: 30"x42" ARCH E1

PLOT DATE: DOA DWG FILE: OLD DOA No.: PLOT DATE: FILE PATH: Autodesk Docs://1429.23 IAH Terminal D - Sterile Corridor RR/1429.23\_IAH T-D STERILE CORRIDOR-T\_PGA\_acaruaa075VK.rvt HAS FILE: