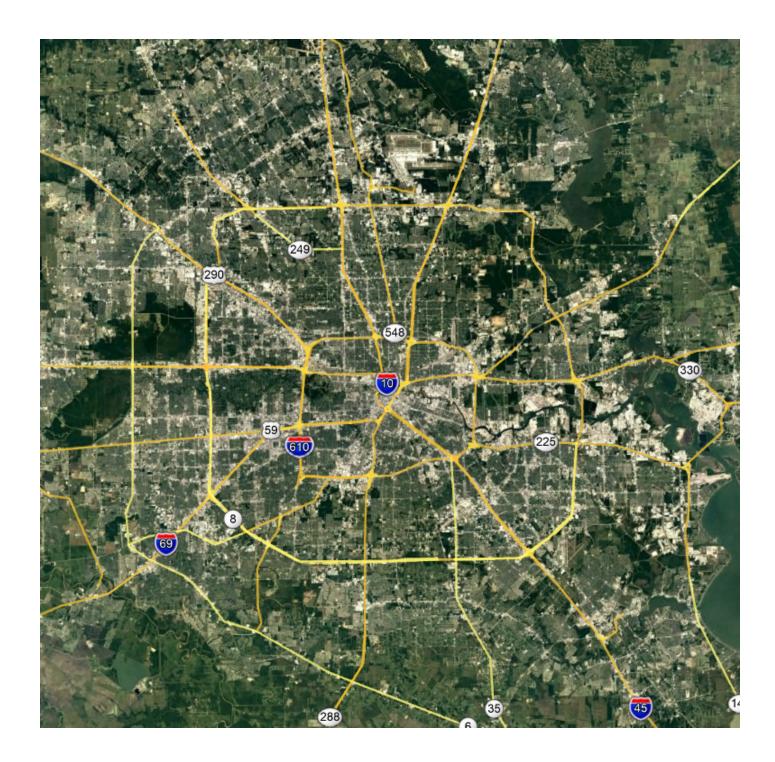
### MAYOR

SYLVESTER TURNER

**CITY COUNCIL MEMBERS** AMY PECK - DISTRICT A TARSHA JACKSON - DISTRICT B ABBIE KAMIN - DISTRICT C CAROLYN EVANS-SHABAZZ - DISTRICT D DAVID MARTIN - DISTRICT E TIFFANY D. THOMAS - DISTRICT F MARY NAN HUFFMAN - DISTRICT G KARLA CISNEROS - DISTRICT H



AREA MAP - N.T.S.

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

HAS



# HOU RESTROOM RENOVATIONS PHASE 2

AT

# HOUSTON HOBBY AIRPORT

TIP 22-34-HOU

PREPARED BY

RDLR

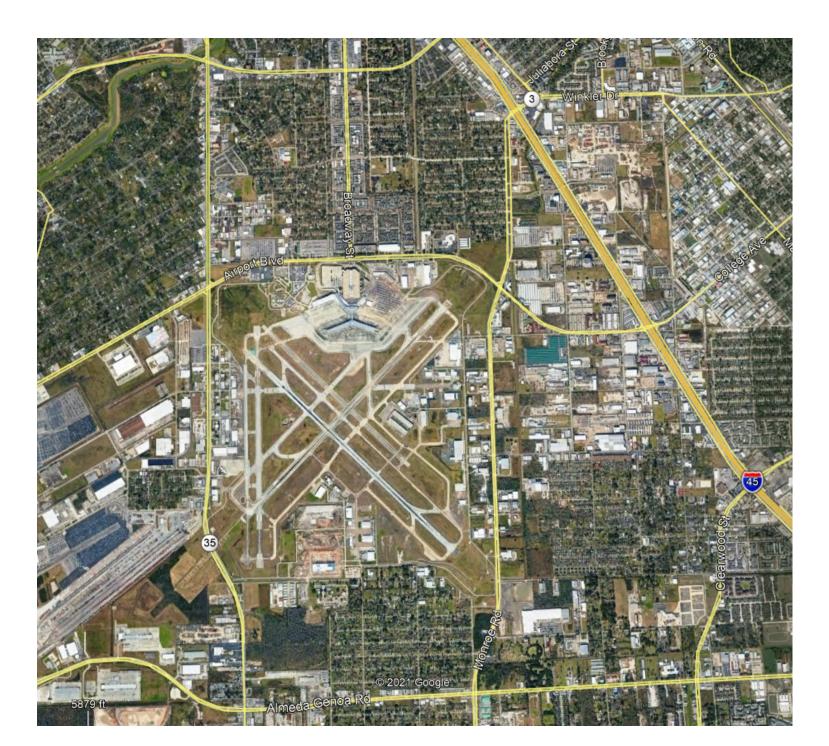
08.18.2022

# HOUSTON AIRPORT SYSTEM

**MARIO C. DIAZ - DIRECTOR** 

CONTROLLER CHRIS B. BROWN

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



VICINITY MAP - N.T.S.

H	IOUSTON ID DODTS
7800 Airport Blvd Houston, TX 770	
HOU RESTR	COOM RENOVATIONS PHASE 2
C.I.P. No. <b>PN</b> C.O.H. No.	209A A.I.P. No. D.O.A No.
	Architects Re planning interiors
1245 W 18th St.   phone 713.868.31	Houston, TX 77008 21 www.rdlr.com
DESIGNER PROJE	ст No.: 1429.05 IFB
	EVISIONS
No. DESCRIPTION 1 Issued For Bidding	
DESIGN BY:	KATHERINE DOMINGUEZ
DRAWN BY: CHECKED BY:	HECTOR BERRIOS DANIEL ORTIZ
ISSUE DATE: APPROVED BY: APPROVAL DATE	08.18.2022 DANIEL ORTIZ : 08.18.2022
	DIRECTOR of N AIRPORT SYSTEM
Review/ Approval Category	
ISSUED FOR BIDDING	CHIELE OF THE
	E OF TELE
	08.18.22
SHEET NAME:	COVER SHEET
SHEET No. G-(	DOO SCALE:

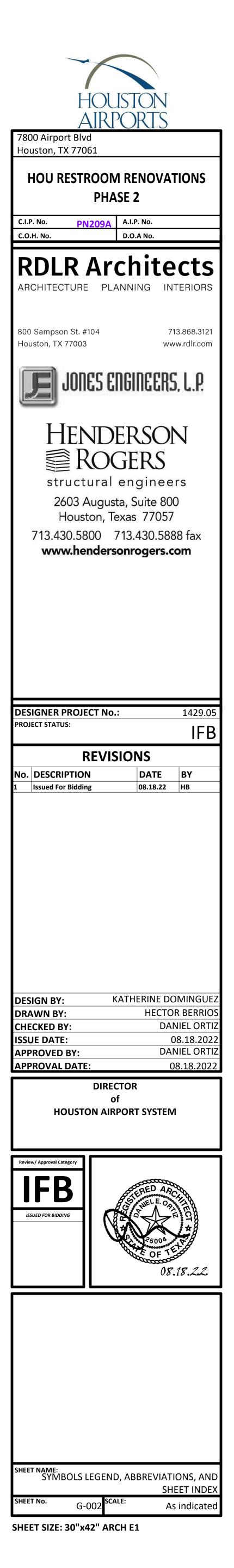
ARC	HITECTURA		BREVIATION	S		MATER	IAL INDICAT	IONS	ARCHIT	ECTURAL SYMBOLS		<u>_</u>
& @	AND AT	FOS FOW	FACE OF STUDS FACE OF WALL	RCP	REFLECTED CEILING PLAN	SECTION		ELEVATION		ROOM IDENTIFICATION	Sheet Numb	ber
A A/C	ANGLE AIR CONDITIONER / CONDITIONING	FP FPL	FIREPROOF FIREPLACE	RD REF REFR	ROOF DRAIN REFERENCE REFRIGERATOR		CONCRETE			ROOM NAME ROOM NUMBER	GENERAL G-000 G-002	COVER SHEE SYMBOLS LE
ABV ACCS	ABOVE ACCESSORIES	FR FRC	FRAME FIBER REINFORCED CONCRETE	REG REINF	REGISTER REINFORCE(D)		CONCRETE				G-003 G-010 G-011	GENERAL NO PARTITION S UL DESIGNS
ACSDR ACSFLR ACST /	ACCESS DOOR ACCESS FLOOR ACOUSTICAL	FRGP FRT	FIBER REINFORCED GYPSUM PLASTER FIRE RETARDANT	REQ RESIL RESS	REQUIRED RESILIENT RESILIENT SHEET					DOOR NUMBERING	G-022 G-023	TEXAS ACCE TEXAS ACCE
ACOUS ACT	ACOUSTICAL CEILING TILE	FS FTG	TREATED FLOOR SINK FOOTING	REST RET REV	RESILIENT TILE RETAINING REVISE / REVISION		PRECAST CONCRETE			<ul> <li>SIDELIGHT (PART OF DOOR ASSEMBLY)</li> <li>DOOR NUMBER TO COINCIDE</li> <li>WITH AD IONING BOOM</li> </ul>	G-040 G-041 G-042	OVERALL FL PLUMBING C CONSTRUCT
AD ADA	AREA DRAIN AMERICANS WITH DISABILITIES ACT	FURR FUT GA	FURRING FUTURE GAUGE	RFG RFL	ROOFING REFLECTED					WITH ADJOINING ROOM NUMBER	ARCHITECTU AD-101	IRAL DEMOLITION
ADDL ADDM	ADDITIONAL ADDENDUM ADJUSTABLE / ADJACENT	GALV GB	GALVANIZE(D) GRAB BAR	RH RM RO	RIGHT HAND ROOM ROUGH OPENING		CMU			REVISION REFERENCE	AD-102 AD-103	DEMOLITION DEMOLITION
ADJ ADMIN AFC	ADMINISTRATION ABOVE FINISHED	GC GL GND	GENERAL CONTRACTOR GLASS / GLAZING GROUND	RS RST	RUBBER SHEET FLOORING RUBBER STAIR TREADS						AD-140 AD-141 AD-142	DEMOLITION DEMOLITION DEMOLITION
AFF AFG	COUNTER ABOVE FINISHED FLOOR ABOVE FINISHED GRADE	GR GRV GT	GRADE GRAVEL GLASS TILE	RSTR RT	RUBBER STAIR TREADS & RISERS RUBBER TILE		BRICK			REVISION CLOUD	AD-420 ARCHITECTU	
AFS AGGR AHR	ABOVE FINISHED SLAB AGGREGATE ANCHOR	GYP GYP BD	GYPSUM GYPSUM BOARD	RWD RWL	REDWOOD RAIN WATER LEADER				SIM	DETAIL/SECTION DESIGNATOR	A-101 A-102	FLOOR PLAN FLOOR PLAN
AHU AL / ALUM	AIR HANDLING UNIT ALUMINUM	HB HC HCP	HOSE BIB HOLLOW CORE HANDICAPPED	S SC SCD	SOUTH SOLID CORE SEAT COVER DISPENSER		CAST/CUT STONE		1 A101	DETAIL OR SECTION NUMBER	A-103 A-140 A-141	FLOOR PLAN REFLECTED REFLECTED
ALNMT ALT ANOD	ALIGNMENT ALTERNATE ANODIZED	HD HD HDR	HEAVY DUTY HARD HEADER	SCHED SCN SCR	SCHEDULE SCREEN SCREEN			[]		DRAWING NO. (WHERE DETAIL OR SECTION IS DRAWN) (OMIT WHEN ON THE SAME DRAWING)	A-142 A-420 A-421	REFLECTED TYPICAL ELE TYPICAL STA
AP APC	ACCESS PANEL ACOUSTICAL PANEL CEILING	HDWR HI	HARDWARE HIGH	SD	SOAP DISPENSER / STORM DRAIN SEALED CONCRETE		NATURAL STONE			AREA OF ENLARGEMENT	A-422 A-423 A-424	INTERIOR EL INTERIOR EL INTERIOR EL
APPROX APPVD ARCH	APPROXIMATELY APPROVED ARCHITECT(URAL)	HM HMI	HOLLOW METAL HOLLOW METAL INSULATED	SECT SF	SECTION SQUARE FEET	<u> </u>				)	A-425 A-426	INTERIOR EL
ASPH ASTM	ASPHALT AMERICAN SOCIETY FOR	HOR / HORIZ HP	HORIZONTAL HIGH POINT	SHT SHTG SHWR	SHEET SHEATHING SHOWER		STEEL		SIM	BUILDING WALL SECTION SECTION	A-427 A-428 A-500	INTERIOR EL INTERIOR EL PLAN DETAIL
AUTO AVG	TESTING MATERIALS AUTOMATIC AVERAGE	HR HR HT	HANDRAIL HOUR HEIGHT	SIM SND	SIMILAR SANITARY NAPKIN DISPENSER				1 A101	- SECTION IDENTIFICATION	A-510 A-511	SECTION DE SECTION DE
BD BG BITUM	BOARD BUMPER GUARD BITUMINOUS	HVAC	HEIGHT HEATING / VENTILATION / AIR CONDITIONING HARDWARE	SNR SOG	SANITARY NAPKIN RECEPTACLE SLAB ON GRADE		ALUMINUM			- DRAWING NO. WHERE DRAWN -	A-600 A-601 A-602	MATERIAL LE FINISH PLAN FINISH PLAN
BL BLDG	BLACK BUILDING	HYD ID	HYDRANT INSIDE DIAMETER	SPEC SPK	SPECIFY / SPECIFICATION SPEAKER						A-603 A-604	FINISH PLAN ROOM SIGNA
BLK BLKG BM	BLOCK BLOCKING BEAM	IN INCL INSUL	INCH / INCHES INCLUDE(D) / INCLUDING INSULATE / INSULATION	SQ SQFT SQIN	SQUARE SQUARE FEET SQUARE INCH(ES)		BRASS/BRONZE		▶ 1-	DETAIL SECTION	STRUCTURAL S-000 S-100	L GENERAL NO OVERALL FLO
BMS BOS	BALANCE MAGNETIC SWITCH BOTTOM OF STEEL	INT JAN JT	INTERIOR JANITOR JOINT	SS ST STA	STAINLESS STEEL STONE STATION				A101	DRAWING NUMBER WHERE DRAWN	S-101 S-102	PARTIAL FLO PARTIAL FLO
BOT BS CAB	BOTTOM BOTH SIDES CABINET	KIT LAB	KITCHEN LABORATORY	STC STD	STAINED CONCRETE STANDARD		FINISHED WOOD			ELEVATION NUMBER	S-103 S-110 S-111	PARTIAL FLO OVERALL FLO PARTIAL FLO
CAS CB	CASEWORK CATCH BASIN	LAM LAV LB(S)	LAMINATE(D) LAVATORY POUND(S)	STDS STIFF STL	STUDS STIFFENER STEEL					EXTERIOR BUILDING	S-112	RESTROOMS PARTIAL FLO RESTROOMS
CEM CER CF	CEMENT CERAMIC CUBIC FOOT	LF LH LIB	LINEAR FOOT (FEET) LEFT HAND LIBRARY	STN STOR STRUCT	STAINED STORAGE STRUCTURE /		EXTERIOR PLASTER AND LA	THE	A1 / A101	ELEVATION	S-113 S-400	PARTIAL FLO RESTROOMS FRAMING TYI
CFMF CG	COLD FORMED METAL FRAMING CORNER GUARD	LKR LNS	LOCKER LINOLEUM SHEET	SUSP	STRUCTURAL SUSPENDED						S-410	FRAMING DE
CH CHAM	CEILING HEIGHT CHAMFER	LNT LP LT	LINOLEUM TILE LOW POINT LIGHT	SW SYM SYN	SWITCH SYMMETRICAL SYNTHETIC		CERAMIC/QUARRY TILE			ELEVATION NUMBER	MECHANICAL MG001 MG100	_ GENERAL INFOR MECHANICAL MECHANICAL
CHBD CI CI	CHALKBOARD CAST IRON CONTRACTOR INSTALLED	LVR LWT MACH	LOUVER LIGHT WEIGHT MACHINE	SYS T&B T&G	SYSTEM TOP AND BOTTOM TONGUE AND GROOVE				A1 / A101	INTERIOR ROOM ELEVATIONS	MG301	
CIP CJ CL	CAST IN PLACE CONTROL JOINT CENTER LINE	MAINT MATL	MAINTENANCE MATERIAL	TB TBD	TOWEL BAR TO BE DETERMINED		GLASS/MIRROR		▲ ▲	— DRAWING NUMBER WHERE DRAWN	MD101 MD102	MECHANICAL MECHANICAL
CLG CLO	CEILING CLOSET	MAX MC ME	MAXIMUM MEDICINE CABINET MECHANICAL EQUIPMENT	TC TEL TEMP	TOP OF CURB TELEPHONE TEMPORARY /					ELEVATION NUMBER	MD103 MECHANICAL	
CLR CMU	CLEAR CONCRETE MASONRY UNIT	MECH MEZZ MFR	MECHANICAL MEZZANINE MANUFACTURE(R)	TER THK	TEMPERATURE TERRAZZO THICK		EARTH		——— A123	PARTITION TYPE REFERENCE	MH101 MH102 MH103	MECHANICAL MECHANICAL MECHANICAL
CO COL CONC	CLEAN/CLEAR OUT COLUMN CONCRETE	MH MIN	MANHOLE MINIMUM	THRU TOC	THROUGH TOP OF CONCRETE TOP OF SLAB					REFER TO SHEETS	ELECTRICAL	GENERAL INFOR
CONST CONT CORR	CONSTRUCTION CONTINUOUS CORRIDOR	MIR MISC MLD / MLE	MIRROR MISCELLANEOUS DG MOULDING	TOS TOW TPD	TOP OF WALL TOILET PAPER		GRAVEL				EG001 EG100 EG301	ELECTRICAL ELECTRICAL ELECTRICAL
CPR CPT	COPPER CARPET(ED)(ING)	MO MR MTD	MASONRY OPENING MOISTURE RESISTANT MOUNTED	TPTN TV	DISPENSER TOILET PARTITION TELEVISION						EG401 EG402 EG403	ELECTRICAL ELECTRICAL ELECTRICAL
CT CTR DBL	CERAMIC TILE COUNTER DOUBLE	MTL MUL	METAL MULLION	TYP UC UG	TYPICAL UNDERCUT UNDERGROUND		CAND		, , , , , , , , , , , , , , , , , , ,	REFER TO SHEETS	ELECTRICAL	
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM	N NA OR N/#	NORTH NOT AVAILABLE / APPLICABLE	UL UNF /	UNDERWRITER'S LABORATORY UNFINISHED		SAND				ED101 ED102 ED103	ELECTRICAL ELECTRICAL ELECTRICAL
DEG DEMO DEP	DEGREE DEMOLISH DEPRESSION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	UNFIN UNO	UNLESS NOTED OTHERWISE						ELECTRICAL	
DET DF	DETAIL DRINKING FOUNTAIN	NIC NO / # NOM	NOT IN CONTRACT NUMBER NOMINAL	UPS	UNINTERRUPTIBLE POWER SUPPLY		CONT. WOOD BLOCKING			COLUMN LINES	EL102 EL103	ELECTRICAL ELECTRICAL
DIA DIAG DIM	DIAMETER DIAGONAL DIMENSION	NTS OA	NOT TO SCALE OVERALL OBSCURE	UR V VAC	URINAL VOLT VACUUM						ELECTRICAL EP101 EP102	ELECTRICAL ELECTRICAL
DISP DIV DN	DISPENSER DIVISION DOWN	OBS OC OD	ON CENTER OUTSIDE DIAMETER	VB VCT VENT	VAPOR BARRIER VINYL COMPOSITION TILE VENTILATE		DISCONT. WOOD BLOCKING	3			EP103 EP104	ELECTRICAL ELECTRICAL
DR DS	DOOR DOWNSPOUT	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED OFFICE	VERT VEST	VERTICAL VESTIBULE	- <del></del>				KEYNOTE	FIRE PROTEC	FIRE ALARM
DWG E EA	DRAWING EAST EACH	OPG / OPNG OPP	OPENING	VIF VNR VOL	VERIFY IN FIELD VENEER VOLUME		PLYWOOD		D1	FURNISHINGS	FA102 FA103	FIRE ALARM
EF EIFS	EACH FREE EXTERIOR INSULATION AND FINISH SYSTEM	OZ PART	OUNCE PARTIAL	VST VSTR	VINYL STAIR TREADS VINTYL STAIR TREADS & RISERS						PLUMBING GI PG001 PG100	ENERAL INFORMA PLUMBING A PLUMBING O
EJ EL	EXPANSION JOINT ELEVATION	PAT PBD PC / PCC	PATTERN PARTICLE BOARD PRECAST CONCRETE	VT VTR VWC	VINYL TILE VENT THRU ROOF VINYL WALLCOVERING		SPRAY APPLIED FIREPROOF	FING			PG100 PG301 PG401	PLUMBING D PLUMBING S
ELEC ELEV EMER	ELECTRICAL ELEVATOR EMERGENCY	PED PER PERF	PEDESTAL PERIMETER PERFORATED	W W/	WEST WITH						PLUMBING DE PD101	PLUMBING D
ENCL ENG EOD	ENCLOSED / ENCLOSURE ENGINEER EDGE OF DECK	PERP PF	PERPENDICULAR PRE-FINISHED	W/O WC WCV	WITHOUT WATER CLOSET WALLCOVERING		BATT/BLANKET INSULATION				PD102 PD103	PLUMBING D PLUMBING D
EOS EQ	EDGE OF SLAB EQUAL(LY)	PIP PL PL	POURED-IN-PLACE PROPERTY LINE PLATE	WD WF	WOOD WIDE FLANGE WIRE GLASS						PLUMBING PP101	PLUMBING R
EQPT EST EWC	EQUIPMENT ESTIMATE ELECTRIC WATER	PLAM PLAS PLYWD	PLASTIC LAMINATE PLASTER PLYWOOD	WG WH WI	WALL HOSE / HYDRANT WROUGHT IRON		RIGID INSULATION				PP102 PP103 PP310	PLUMBING R PLUMBING R PLUMBING R
EXIST EXP	COOLER EXISTING EXPANSION	PMF POP	PRESSED METAL FRAMES POINT OF PRESENCE	WIN WK WNSCT	WINDOW WORK WAINSCOT						T001	TECHNOLOG
EXT FA FAST	EXTERIOR FIRE ALARM FASTEN(ER)	PR PRCST PREFAB	PAIR PRE-CAST PREFABRICATED	WP WPT WR	WATERPROOF(ING) WORK POINT WATER RESISTANT	$\sum_{i=1}^{n-1} \frac{1}{2i} \sum_{j=1}^{n-1} \frac{1}{2j} \sum_{i=1}^{n-1} \frac{1}{2i} \sum_{j=1}^{n-1} \frac{1}{2$	GYPSUM BOARD				T040 T041	TECHNOLOG TECHNOLOG
FCO FD	FLOOR CLEAN OUT FLOOR DRAIN	PROP PRT PSF	PROPERTY PORCELAIN TILE POUNDS PER SQUARE	WRR WT	WOOD RISER WEIGHT						T101 T102 T103	TECHNOLOG TECHNOLOG TECHNOLOG
FDN FE FEC	FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER	PSI	FOUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	YD	YARD	<u>8</u>	BACKER ROD & SEALANT				T401 T402 T403	TECHNOLOG TECHNOLOG TECHNOLOG
FEC (R)	CABINET FIRE EXTINGUISHER CABINET, RECESSED	PT PTD	POINT PAPER TOWEL								T500 T600	TECHNOLOG TECHNOLOG TECHNOLOG
FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	PTD/WR	DISPENSER PAPER TOWEL DISPENSER &WASTE			¥	JOINT FILLER					
FEW	FIRE EXTINGUISHER, WALL MOUNTED	PTDF	RECEPTACLE PRESSURE TREATED DOUGLAS FIR									
FF FGL FIN	FINISHED FLOOR FIBERGLASS FINISH(ED)	PTN PTR	PARTITION PAPER TOWEL RECEPTACLE				ACOUSTICAL CEILING					
FIXT FL FLASH	FIXTURE FLOOR FLASH(ING)	PVC Q QT	POLYVINYL CHLORIDE QUARTZ QUARRY TILE									
FLUOR FOC	FLUORESCENT FACE OF CONCRETE	QTY R	QUANTITY RISER									
FOF FOM	FACE OF FINISH FACE OF MASONRY	RAD RB	RADIUS RUBBER BASE									

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LL FLOOR PLAN - LEVEL 2 NG COUNT PLAN AND CODE SUMMARY
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		GENERAL NOTES		ARCHITECTURAL SYSTEMS AND FINISHES
	1.	THE WORK PERFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL TOOLS, EQUIPMENT, MATERIALS, SUPPLIES, TRANSPORTATION, SERVICES, POWER AND WATER, ESSENTIAL COMMUNICATIONS, AND THE PERFORMANCE OF ALL LABOR, WORK, REQUIRED CALCULATIONS, TESTING, OR OPERATIONS REQUIRED FOR THE FULFILLMENT OF THE CONTRACT, IN STRICT	1.	COLORS INDICATED ON THE MATERIALS AND FINISH KEY ARE CUSTOM COLORS TO MATCH THE COLOR INDICATED. COLORS FROM MANUFACTURER'S STANDARD CHARTS WILL NOT BE ACCEPTED UNLESS THOSE COLORS MATCH THE COLORS INDICATED. CONTRACTOR MAY USE ANY ACCEPTABLE ALTERNATE PAINT MANUFACTURER THAT CAN MATCH THE SPECIFIED COLOR.
		ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND SCHEDULES, ALL OF WHICH ARE MADE A PART HEREOF, INCLUDING DETAIL SKETCHES AS MAY BE FURNISHED BY ARCHITECT OR ENGINEER FROM TIME TO TIME DURING CONSTRUCTION IN EXPLANATION OF THE PLANS. THE WORK SHALL BE COMPLETE AND ALL MATERIAL, SERVICES, INCIDENTALS, QUALITY OR NOT SPECIFICALLY CALLED FOR QUALITY AND CONDITIONS NOTED, IN THE SPECIFICATIONS, OR NOT SHOWN ON THE PLANS WHICH MAY BE NECESSARY FOR THE COMPLETE AND PROPER	2.	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 TEXTURE TO BE APPLIED. PROVIDE MOCKUP OF WOOD FINISH PLATFORM AND SIGN WALL TO INCLUDE EXPOSED END CONDITIONS AND RETURNING EDGE CONDITIONS.
4		CONSTRUCTION TO CARRY OUT THE CONTRACT IN GOOD FAITH AND IN A SATISFACTORY MANNER SHALL BE PERFORMED, FURNISHED, AND INSTALLED BY THE CONTRACTOR AT NO INCREASE IN COST TO THE STATE.	3.	WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED MATERIAL. PLATFORM WOOD FRAMING SHALL BE FIRE RETARDANT TREATED.
	2.	THE WORK PREFORMED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE INSTALLATION OF ALL BUILDING SYSTEMS, BUILDING COMPONENTS, SPECIFIED EQUIPMENT, AND MATERIALS / FINISHES IDENTIFIED IN THE DOCUMENTS. SUCH WORK SHALL INCLUDE ALL SUPPORTING MATERIALS AND COMPONENTS NECESSARY TO COMPLETE THE INSTALLATION FOR A FULLY	4.	INTERIOR STUD WALL FRAMING DESIGN IS INDICATED ON THE PARTITION SCHEDULE. SPECIFIED GAUGES ARE MINIMUMS TO BE UTILIZED FOR TYPICAL APPLICATIONS AND CONDITIONS. CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AT SPECIFIC LOCATIONS WHERE THE SPECIFIED OR DETAILED STUD APPLICATION WILL NOT MEET THE MINIMUM DESIGN OR DEFLECTION CRITERIA.
		OPERATIONAL, FUNCTIONAL AND STRUCTURALLY OPERATIONAL, FUNCTIONAL AND STRUCTURALLY ANCHORED SYSTEM, CONSISTENT WITH STANDARD PRACTICES, MANUFACTURER'S RECOMMENDATIONS, GOVERNING CODES, AND TO THE ACCEPTANCE OF THE OWNER AND/OR AUTHORIZED REPRESENTATIVE.	5.	NON-LOAD BEARING INTERIOR STUDS SUBJECT TO LOCALIZED STRUCTURAL LOADS FROM OTHER BUILDING SYSTEMS OR COMPONENTS, INCLUDING BUT NOT LIMITED TO, ANCHORAGE REQUIREMENTS FOR DOORS, WINDOWS, STOREFRONTS, CURTAINWALLS, CABINETS, BUILT-IN FURNITURE, ETC. SHALL BE DESIGNED AND ENGINEERED
_	3.	THE CONTRACT DOCUMENTS ARE COMPLIMENTARY, AND WHAT IS CALLED FOR IN ONE PART SHALL BE AS BINDING AS IF CALLED FOR BY ALL. THE INTENT OF THE DOCUMENTS IS TO INCLUDE ALL WORK CONSISTENT THEREWITH AND REASONABLY INFERABLE THEREFROM AS BEING NECESSARY FOR THE COMPLETION OF THE CONTRACT. MATERIALS OR WORK DESCRIBED IN WORDS THAT INDICATE PROPER EXECUTION AND WELL KNOWN TECHNICAL OR TRADE DESIGNATION SHALL BE HELD TO REFER TO RECOGNIZED STANDARDS.	6.	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
	4.	ARCHITECT DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS. DIMENSIONS INDICATED BY FIGURES OR NUMERALS SHALL GOVERN. LARGER SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.	7.	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.
	5.	OMISSIONS FROM THE PLANS AND SPECIFICATIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF FURNISHING, MAKING, OR INSTALLING ALL ITEMS REQUIRED BY LAW OR USUALLY FURNISHED, MADE, OR INSTALLED IN ACCORDANCE WITH RECOGNIZED STANDARDS, FOR A PROJECT OF THE SCOPE AND CHARACTER INDICATED ON THE PLANS AND	8.	CONTRACTOR SHALL PROVIDE ADDITIONAL BRACING AND FRAMING AS NECESSARY TO MEET THE DESIGN AND DEFLECTION CRITERIA. INTERIOR WALL, SOFFIT, AND CEILING FRAMING SHALL MEET A MINIMUM OF 5 PSF WIND LOAD AND L/240 DEFLECTION DESIGN CRITERIA. INTERIOR ELEVATOR OR MECHANICAL SHAFT FRAMING SHALL MEET A MINIMUM OF
3	6.	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	9.	10 PSF WIND LOAD AND L/240 DEFLECTION DESIGN CRITERIA. EXTERIOR OR STRUCTURAL FRAMING SHALL MEET SPECIFIC DESIGN CRITERIA SPECIFIED ELSEWHERE IN THE DOCUMENTS. GYP. BOARD CONTROL JOINTS ARE INDICATED FOR
	7.	THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE CONTRACT DOCUMENTS. UPON DISCOVERY, ALL DEFECTIVE OR NONCOMPLIANT WORK SHALL BE IMMEDIATELY REPAIRED OR REPLACED	9.	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.
	8.	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	10.	SEALANT JOINTS DESIGNED AS REVEALS ARE INDICATED GRAPHICALLY AS RECESSED, AND MAY ALSO BE NOTED AS "RECESSED". MAINTAIN A CONSISTENT BACK OF REVEAL DEPTH.
		RESULT OF CONSTRUCTION, FABRICATION OR DELIVERY OF NONCONFORMING WORK OR MATERIALS SHALL BE THE CONTRACTOR'S SOLE EXPENSE, WITHOUT REIMBURSEMENT FOR EXTENDED OVERHEAD.	1.	ARCHITECTURALLY EXPOSED STEEL ALL EXTERIOR EXPOSED STRUCTURAL STEEL AND MISCELLANEOUS STEEL COMPONENTS INCLUDING
     	9.	THE CONTRACT DOCUMENTS INDICATE THE SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE MAJOR ARCHITECTURAL ELEMENTS, AND THE MAJOR DESIGN OF THE STRUCTURAL AND ELECTRICAL SYSTEMS, BASED ON THE SCOPE DESCRIBED HEREIN. PROVIDE ALL ITEMS, SYSTEMS, PRODUCTS AND LABOR REQUIRED OR INFERRED FOR THE PROPER EXECUTION AND COMPLETE	2.	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.
	10.	INSTALLATION OF THE SPECIFIED PRODUCT. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS.	3.	ALL EXPOSED TUBE OR PIPE PROFILES SHALL HAVE CLOSURE PLATES ON ANY EXPOSED ENDS. SUCH PLATES SHALL BE SEAL WELDED TO PREVENT MIGRATION OF WATER AND INTERNAL RUSTING.
	11. 12.	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	4.	CONTRACTOR SHALL REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL MISCELLANEOUS STEEL SHAPES AND COMPONENTS THAT FALL WITHIN THE PROJECT SCOPE BUT ARE NOT INDICATED ON THE STRUCTURAL PLANS. SUCH ITEMS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
	13.	ACCURATE PLACEMENT OF THE CONSTRUCTION ON THE SITE.		<ul> <li>a. MISCELLANEOUS STEEL SUPPORTS</li> <li>b. CLOSURE PLATES ON EXPOSED STEEL PROFILES</li> <li>c. LAVATORY SUPPORTS</li> </ul>
2		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.		d. PARTIAL HEIGHT WALL PARTITIONS e. CEILING MOUNTED PARTITIONS f. CEILING MOUNTED EQUIPMENT g. CUSTOM MILLWORK REVEAL TRIM DESIGN
	14.	WHERE DISCREPANCIES EXIST BETWEEN DRAWINGS BY VARIOUS TRADES, THE CONTRACTOR SHALL CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.	1.	THE ENLARGED ELEVATIONS, SECTIONS, AND DETAILS INDICATE TYPICAL REVEALS AT THE INTERFACE BETWEEN ADJOINING MATERIALS, AND AT INTERSECTING PLANES
_	15.	THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE BEST POSSIBLE INSTALLATION OF ALL BUILDING COMPONENTS AND EQUIPMENT.	2.	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.
	16.	WHEN DISCREPANCIES EXIST WITHIN THE DRAWINGS, AND BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE COSTLIER CONDITION SHALL APPLY.	3.	EXTRUDED REVEAL TRIM SHALL BE PAINTED TO MATCH THE COLOR OF THE ADJACENT FINISH, UNLESS NOTED OTHERWISE.
	17.	THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, PRIOR TO STARTING THE WORK, A COMPREHENSIVE LAYOUT INDICATING DIMENSIONAL CRITERIA FOR ALL VISIBLE BUILDING ELECTRICAL, SECURITY, LIFE SAFETY, CONTROLS, AND OTHER EQUIPMENT.		SPECIAL INSPECTIONS AND SUBMITTALS
_	18.	PROPRIETARY PRODUCTS AND MATERIALS IDENTIFIED IN THE DRAWINGS SHALL BE INTERPRETED AS THE BASIS OF DESIGN AND SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS AND COMPONENTS INDICATED IN THE	1.	A MONTHLY REPORT BY THE CONTRACTOR WITH A COPY OF THE QUALITY CONTROL LOG AND A COPY OF ALL NON- COMPLIANCE ITEMS SHALL BE MAINTAINED AND SUBMITTED TO THE OWNER AND APPROVED REPRESENTATIVE.
		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.	2.	<ul> <li>SPECIAL INSPECTIONS RETAINED BY THE OWNER ARE REQUIRED FOR THE FOLLOWING WORK, BUT ARE NOT LIMITED TO:</li> <li>a. CONCRETE.</li> <li>b. ANCHOR BOLTS INSTALLED IN CONCRETE.</li> <li>c. REINFORCING STEEL AND REDRESSING STEEL.</li> <li>d. WELDING.</li> <li>e. HIGH-STRENGTH BOLTING.</li> <li>f. STRUCTURAL MASONRY.</li> </ul>
	19.	SCAN EXISTING SLAB PRIOR TO DRILLING, CUTTING, CORING OR SHOOTING INTO THE SLAB. PROVIDE GPR OR BETTER X-RAY SCANNING PER HAS STANDARDS. SCANS TO BE SUBMITTED BEFORE WORK CAN BE PERFORMED. SEAL SLAB PENETRATIONS TO MAINTAIN FIRE RATING.	1.	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:
1	20.	THE CONTRACTOR IS TO PROVIDE TEMPORARY BARRIERS, DUST CONTROL, NOISE, TEMPORARY SIGNAGE WHILE THE FACILITY IS IN OPERARION. THE CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR 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	2	<ul> <li>a. NON-STRUCTURAL MISCELLANEOUS STEEL FABRICATIONS.</li> <li>b. ELECTRIFIED HARDWARE / ACCESS CONTROL HARDWARE</li> <li>c. FIRE SPRINKLER / FIRE ALARM</li> </ul>
	21	PERFORMED DURING NIGHT. CONTRACTOR SHALL COORDINATE AND GET APPROVAL FROM OWNER FOR WORK HOURS PRIOR 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	2.	THE FOLLOWING BUILDING SYSTEMS HAVE BEEN SHOWN IN THE CONTRACT DRAWINGS, BUT SHALL BE DESIGN/BUILD BY THE CONTRACTOR BASED ON THE DESIGN IN THE CONSTRUCTION DOCUMENTS a. METAL STUD FRAMING
		TO USE.		

PLOT DATE: DOA DWG FIL OLD DOA No.

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

1

- 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 CEILINGS.
- 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.
- 4. ALL ACCESS HATCHES TO BE KEYED 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. WHERE ITEMS ARE NOT SPECIFICALLY INDICATED ON THE ARCHITECTURAL PLANS, THE CONTRACTOR SHALL FOLLOW THE LAYOUTS INDICATED ON THE SPECIFIC MEP PLANS, BUT ONLY AFTER VERIFICATION FROM 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/OR 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 1 (HAS) STANDARDS FOR ALL DISCIPLINES. HAS STANDARDS CAN BE FOUND AT THEIR WEBSITE, 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 3 SCANNED. THIS INCLUDES BUT NOT LIMITED TO FLOOR ANCHORS, AND CORE DRILLING, ALL SCANS ARE TO BE SUBMITTED TO HAS / EOR FOR REVIEW BEFORE WORK CAN BE PERFORMED. GPR

#### SIGNAGE

- 1 ALL FINAL DESIGN, ENGINEERING & AMOUNT/SIZING OF STRUCTURAL SIGN SUPPORT ELEMENTS, MATERIAL TYPES/THICKNESSES. DIMENSIONS AND ATTACHMENT METHODS SHALL BE PERFORMED AND APPROVED BY A LICENSED ENGINEER TO MEET OR EXCEED ALL APPLICABLE LOCAL AND NATIONAL CODES.
- 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, 3 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.

#### ELECTRICAL NOTES

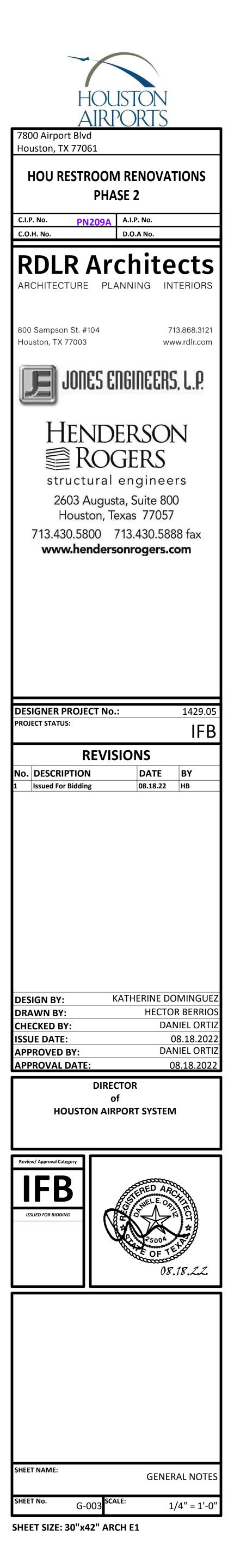
- 1. ALL ELECTRICAL POWER OUTLETS SHALL BE COMMERCIAL GRADE IN ALL AREAS. FACE PLATES SHALL BE STAINLESS STEEL WITH STAINLESS STEEL FLAT HEAD SCREW FASTENERS TO MATCH. ALL DEVICE AND FACEPLATE COLORS ARE TO BE VERIFIED WITH THE OWNER OR APPROVED REPRESENTATIVE.
- 2. EXPOSED CONDUIT SHALL BE INSTALLED 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 DEVICES UNLESS CONCEALED FROM VIEW.
- POWER DISTRIBUTION TO OVERHEAD LIGHTS AND OTHER OVERHEAD EQUIPMENT SHALL BE SUPPLIED BY CONDUIT RUNS PLACED IN THE CEILING, WITH CEILING HOME RUNS LOCATED BELOW STEEL BEAMS AND WITHIN THE OPEN WEB JOIST CAVITY.
- 7. NO CONDUIT SHALL BE PLACED ON ANY EXPOSED COLUMN SURFACES UNLESS SPECIFICALLY INDICATED WITHIN THE ARCHITECTURAL DETAILS, OR SPECIFICALLY COORDINATED WITH THE OWNER OR APPROVED REPRESENTATIVE PRIOR TO INSTALLATION.
- EXPOSED CEILING CONDUITS SHALL BE GANGED TOGETHER WHEREVER POSSIBLE, AND SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURAL ELEMENTS. DIAGONAL ROUTING SHALL NOT BE ACCEPTED.
- THERE SHALL BE NO EXPOSED CONDUITS ON/OR SPANNING ACROSS SKYLIGHT AREAS OR CLERESTORY.
- 10. EXPOSED CEILING CONDUIT SHALL BE INSTALLED
- STRAIGHT, LEVEL, AND UNIFORMLY SPACED. 11. STRUCTURED CEILING SOFFITS SHALL HAVE POWER FED FROM CONCEALED CONDUITS WHICH EXTEND FROM THE PERIMETER WALL.

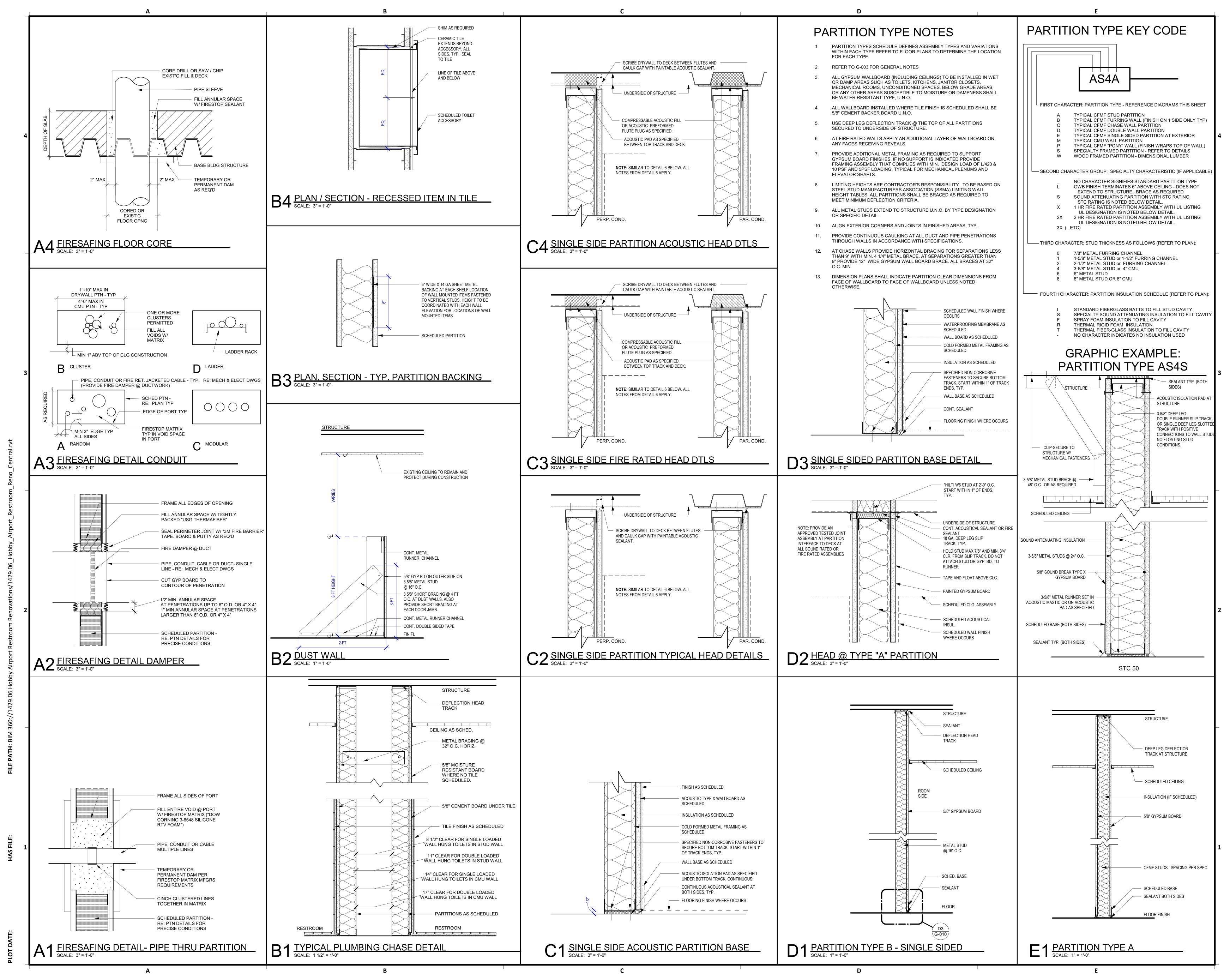
#### LIGHTING GENERAL NOTES

- SCHEDULED LIGHT FIXTURE ARE PROPRIETARY PRODUCTS AND SHALL BE INTERPRETED AS THE BASIS-OF-DESIGN; THE SCHEDULED FIXTURES SHALL TAKE PRECEDENCE OVER OTHER PRODUCTS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS; ALTERNATIVE FIXTURES MAY BE USED IF EQUAL TO THE BASIS OF DESIGN; ALTERNATIVE FIXTURES SHALL MATCH THE PERFORMANCE, QUALITY, 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.

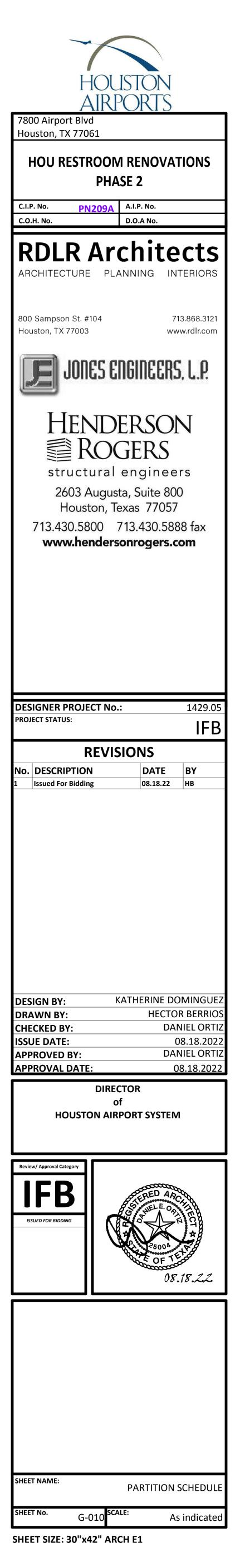
### 5. SEE NOTE 7 ON THE REFLECTED CEILING PLAN NOTES.

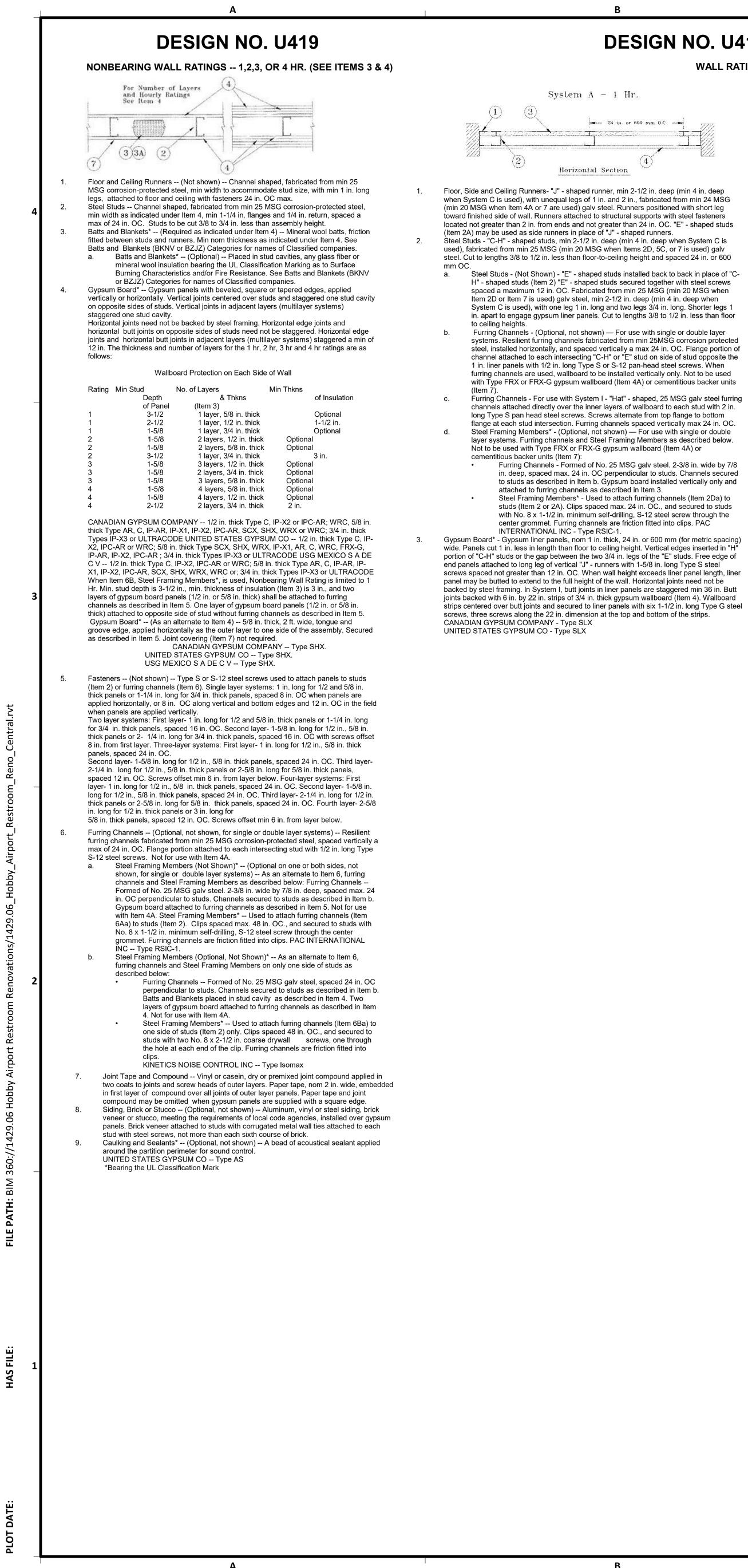
- ACCESSIBILITY NOTES
- AN EXIT IS A CONTINUOUS AND UNOBSTRUCTED MEAN OF EGRESS TO A PUBLIC WAY AND SHALL INCLUDE INTERVENING ROOMS, DOORS, AISLES, AND YARDS. A PUBLIC WAY IS ANY STREET, ALLEY OR SIMILAR PARCEL OF LAND UNOBSTRUCTED FROM GROUND TO SKY WHICH IS DEDICATED FOR PUBLIC USE AND HAVING A CLEAR 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
- 6. 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 10.
- 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 11.
- THE ABOVE GENERAL NOTES BE IN CONFLICT WITH THE TEXAS ACCESSIBILITY STANDARDS.





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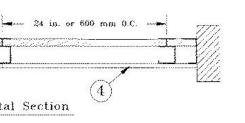




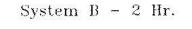
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### **DESIGN NO. U415 NONBEARING**

WALL RATINGS - 1, 2, 3, OR 4 HR



in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and Steel Framing Members\* - Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the



# ----- 24 is. or 600 mm 0.C. ----Horizontal Section

#### USG MEXICO S A DE C V - Type SLX Gvpsum Board\* - Svstem A - 1 Hr

- Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing. •
- CÁNADIAN GYPSUM COMPANY Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX UNITED STATES GYPSUM CO - Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX USG MEXICO S A DE C V - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX,

SHX, WRC, WRX System B - 2 Hr. Gypsum panels, with beveled, square or tapered edges, nom 1/2 in, or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical

joints centered over studs and staggered 24 in. CANADIAN GYPSUM COMPANY - 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX UNITED STATES GYPSUM CO - 1/2 in. Types C, IP-X2, IPC-AR, or WRC; 5/8 in.

Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX USG MEXICO S A DE C V - 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types • AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX USG MEXICO S A DE C V - Type SLX

Gypsum Board\* - System A - 1 Hr Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing.

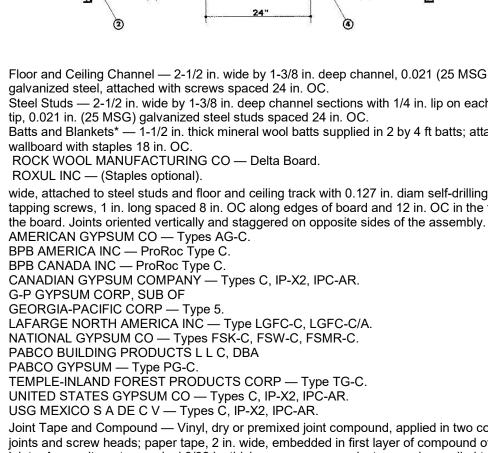
CANADIAN GYPSUM COMPANY - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, • SCX. SHX, WRC, WRX UNITED STATES GYPSUM CO - Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX USG MEXICO S A DE C V - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, •

SHX, WRC, WRX System B - 2 Hr. Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical

joints centered over studs and staggered 24 in. CANADIAN GYPSUM COMPANY - 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX UNITED STATES GYPSUM CO - 1/2 in. Types C, IP-X2, IPC-AR, or WRC; 5/8 in. Types AR. C. FRX-G. IP-AR. IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX USG MEXICO S A DE C V - 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX

5. Joint Tape and Compound - (Not Shown). Systems A, B, C, E, F, G, H, I Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with joint compound. Batts and Blankets\* - Systems A, B, E, F, G, H, I. (Optional) - Mineral wool or glass fiber

batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance. Systems C & D Min 3 in. (System C) and min 1-1/2 in. (System D) thick mineral wool batts, friction fitted between the studs and floor and ceiling runners. THERMAFIBER INC - Type SAFB \*Bearing the UL Classification Mark





### **DESIGN NO. U448**

#### **DESIGN NO. U448**

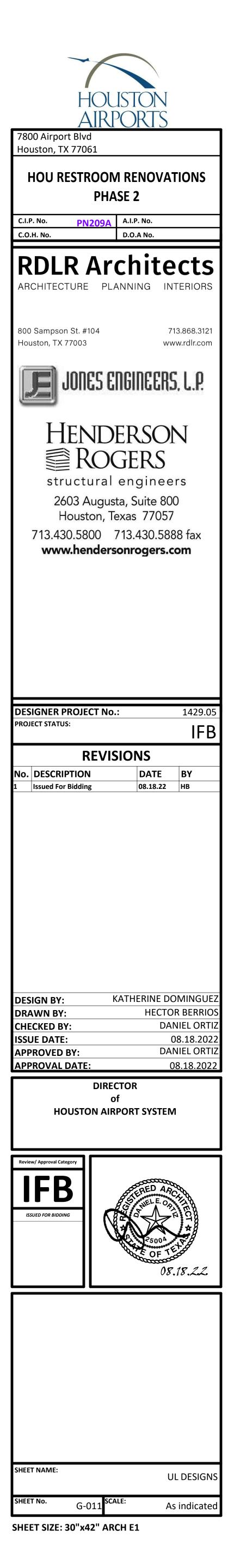
### Floor and Ceiling Channel — 2-1/2 in. wide by 1-3/8 in. deep channel, 0.021 (25 MSG)

Steel Studs — 2-1/2 in. wide by 1-3/8 in. deep channel sections with 1/4 in. lip on each flange Batts and Blankets<sup>\*</sup> — 1-1/2 in. thick mineral wool batts supplied in 2 by 4 ft batts; attached to

wide, attached to steel studs and floor and ceiling track with 0.127 in. diam self-drilling, selftapping screws, 1 in. long spaced 8 in. OC along edges of board and 12 in. OC in the field of

\*Bearing the UL Classification Mark

Joint Tape and Compound — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.



OT DATE:	<b>DA DWG FILE:</b>	DOA No. :
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4	PERCENT MA 703.2.5 CHAR BASELINE OF
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	CHARACTER 1/8 INCH (3.2 I MAXIMUM AT
	FROM RAISED
	RAISED CHAF PERCENT MA 703.3 BRAILLI
	703.3 AND 703 703.3.1 DIMEN
_	ROUNDED SH UPPERCASE SENTENCES,
	INITIALS, AND 703.4 INSTAL
	COMPLY WITH 703.4.1 HEIGH SHALL BE LOO
	GROUND SUF CHARACTER GROUND SUF
	CHARACTER. 703.4.2 LOCA
	BE LOCATED PROVIDED AT ON THE INAC
	TWO ACTIVE DOOR. WHER
	AT THE RIGH ADJACENT W THAT A CLEA
	MINIMUM, CE OF ANY DOOR
3	POSITION. 703.5 VISUAL 703.5.1 FINISH
	NON-GLARE F
	LIGHT BACKG 703.5.2 CASE. COMBINATION
	703.5.3 STYLE NOT BE ITALI
	FORMS. 703.5.4 CHAR WHERE THE
	PERCENT MA
	TABLE 703.5.5 DISTANCE BE APPROACH T
	UPPERCASE 703.5.6 HEIGH INCHES (1015
	703.5.7 STRO
	CHARACTER. 703.5.8 CHAR. THE TWO CLO
	SPACING BET PERCENT MA
	703.5.9 LINE S CHARACTERS MAXIMUM OF
	703.6 PICTOG 703.6.1 PICTO
	MM) MINIMUM FIELD. 703.6.2 FINISH
	GLARE FINISH
	<b>703.6.3 TEXT</b> DIRECTLY BE 703.2, 703.3 A
	<b>703.7 SYMBO</b> 703.7.
	703.7.1 FINISH SHALL HAVE A WITH THEIR E
2	OR A DARK S 703.7.2 SYMB
	703.7.2.1 INTE ACCESSIBILIT
	F
_	
1	

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

703.2 RAISED CHARACTERS. RAISED CHARACTERS SHALL COMPLY WITH 703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH 703.4. 703.2.1 DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE THEIR BACKGROUND.

703.2.2 CASE. CHARACTERS SHALL BE UPPERCASE. 703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. 703.2.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 AXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". **RACTER HEIGHT.** CHARACTER HEIGHT MEASURED VERTICALLY FROM THE THE CHARACTER SHALL BE 5/8 INCH (16 MM) MINIMUM AND 2 INCHES (51 JM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". **DKE THICKNESS.** STROKE THICKNESS OF THE UPPERCASE LETTER "I"

PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER. RACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN OSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH IMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. RACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RACTERS SHALL BE 1/16 INCH (1.6 MM) MINIMUM AND 4 TIMES THE RAISED STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH I THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED D BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 MM) MINIMUM. **SPACING.** SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 AXIMUM OF THE RAISED CHARACTER HEIGHT. **.E.** BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH

NSIONS AND CAPITALIZATION. BRAILLE DOTS SHALL HAVE A DOMED OR HAPE AND SHALL COMPLY WITH TABLE 703.3.1. THE INDICATION OF AN LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF , PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, ACRONYMS LATION HEIGHT AND LOCATION. SIGNS WITH TACTILE CHARACTERS SHALL 17034

HT ABOVE FINISH FLOOR OR GROUND. TACTILE CHARACTERS ON SIGNS CATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR JRFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR JRFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE

ATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL D ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS T DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED CTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND E THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR IT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO AR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) ENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC R SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN

**CHARACTERS.** VISUAL CHARACTERS SHALL COMPLY WITH 703.5. H AND CONTRAST. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A INISH, CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A ROUND CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A

N OF BOTH CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL C, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL

RACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 AXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". RACTER HEIGHT. MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH 5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL ETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER OWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE LETTER "I".

HT FROM FINISH FLOOR OR GROUND. VISUAL CHARACTERS SHALL BE 40 5 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND. **KE THICKNESS.** STROKE THICKNESS OF THE UPPERCASE LETTER "I" PERCENT MINIMUM AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE

RACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN OSEST POINTS OF ADJACENT CHARACTERS. EXCLUDING WORD SPACES. TWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35 AXIMUM OF CHARACTER HEIGHT. **SPACING,** SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF

S WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT THE CHARACTER HEIGHT GRAMS. PICTOGRAMS SHALL COMPLY WITH 703.6. DGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES (150

I. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM H AND CONTRAST. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-H. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A GRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. **DESCRIPTORS.** PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED ELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH ND 703.4

**DLS OF ACCESSIBILITY.** SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH HAND CONTRAST. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND YMBOL ON A LIGHT BACKGROUND.

BOLS. ERNATIONAL SYMBOL OF ACCESSIBILITY. THE INTERNATIONAL SYMBOL OF ITY SHALL COMPLY WITH FIGURE 703.7.2.1.



FIG. 703.7.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY

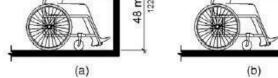
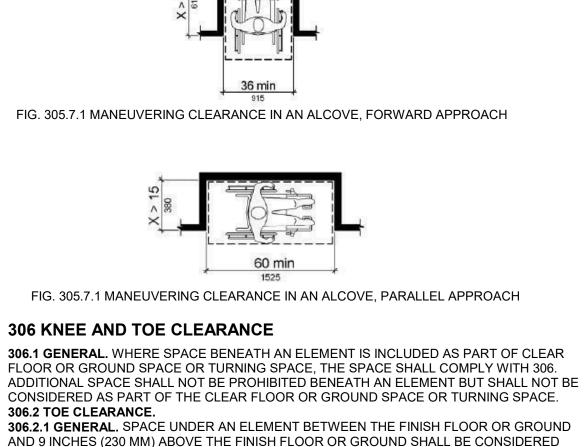


FIG. 308.2.2 OBSTRUCTED HIGH FORWARD REACH



**306.2.2 MAXIMUM DEPTH.** TOE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM

**306.2.4 ADDITIONAL CLEARANCE.** SPACE EXTENDING GREATER THAN 6 INCHES (150 MM) BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES (230 MM) ABOVE THE FINISH

**306.2.3 MINIMUM REQUIRED DEPTH.** WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17

306.2.5 WIDTH, TOE CLEARANCE SHALL BE 30 INCHES (760 MM) WIDE MINIMUM.

FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.

FIG. 305.7.1 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH

TOE CLEARANCE AND SHALL COMPLY WITH 306.2.

INCHES (430 MM) MINIMUM UNDER THE ELEMENT.

UNDER AN ELEMENT.

B

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

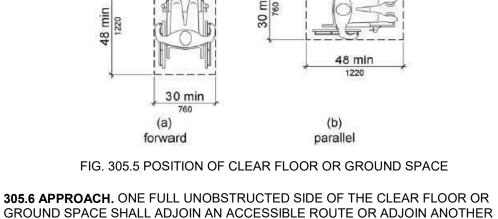


FIG. 305.3 CLEAR FLOOR OR GROUND SPACE

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

GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE

SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN

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



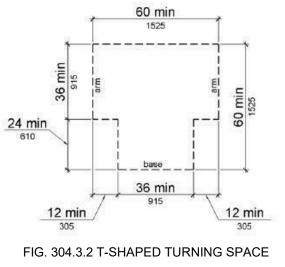
PERMITTED

COMPLYING WITH 306.

CLEAR FLOOR OR GROUND SPACE.

ELEMENT

304.4 DOOR SWING. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES. **305 CLEAR FLOOR OR GROUND SPACE** 305.1 GENERAL. CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 305. 305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT



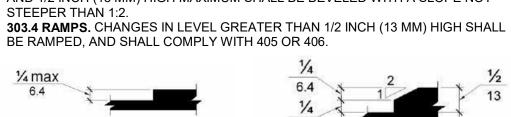
PERMITTED. **304.3 SIZE.** TURNING SPACE SHALL COMPLY WITH 304.3.1 OR 304.3.2. **304.3.1 CIRCULAR SPACE.** THE TURNING SPACE SHALL BE A SPACE OF 60 INCHES (1525 MM) DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306. 304.3.2 T-SHAPED SPACE. THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH (1525 MM) SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES (915 MM) WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES (305 MM) MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES (610 MM) MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

304.1 GENERAL. TURNING SPACE SHALL COMPLY WITH 304. 304.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A TURNING SPACE SHALL COMPLY WITH 302. CHANGES IN LEVEL ARE NOT

FIG. 303.2 VERTICAL CHANGE IN LEVEL FIG. 303.3 BEVELED CHANGE IN LEVEL **304 TURNING SPACE** 

6.4





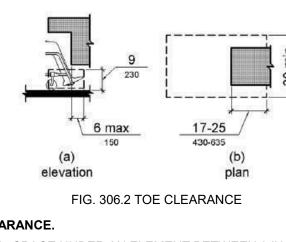
303.3 BEVELED. CHANGES IN LEVEL BETWEEN 1/4 INCH (6.4 MM) HIGH MINIMUM AND 1/2 INCH (13 MM) HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. 303.4 RAMPS. CHANGES IN LEVEL GREATER THAN 1/2 INCH (13 MM) HIGH SHALL

DOMINANT DIRECTION OF TRAVEL. **303 CHANGES IN LEVEL 303.1 GENERAL.** WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES, THEY SHALL COMPLY WITH 303. 303.2 VERTICAL. CHANGES IN LEVEL OF 1/4 INCH (6.4 MM) HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL.

SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE 1/2 INCH (13 MM) MAXIMUM. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH 303. 302.3 OPENINGS. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH (13 MM) DIAMETER EXCEPT AS ALLOWED IN 407.4.3, 409.4.3, 410.4, 810.5.3 AND 810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE

302.1 GENERAL. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH 302. 302.2 CARPET. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND

**302 FLOOR OR GROUND SURFACES** 



306.3 KNEE CLEARANCE. 306.3.1 GENERAL. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES (230 MM) AND 27 INCHES (685 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH 306.3. 306.3.2 MAXIMUM DEPTH. KNEE CLEARANCE SHALL EXTEND 25 INCHES (635 MM) MAXIMUM UNDER AN ELEMENT AT 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR GROUND. **306.3.3 MINIMUM REQUIRED DEPTH.** WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES (280 MM) DEEP MINIMUM AT 9 INCHES (230 MM) ABOVE THE FINISH FLOOR OR

306.3.5 WIDTH. KNEE CLEARANCE SHALL BE 30 INCHES (760 MM) WIDE MINIMUM.

FIGURE 306.3 KNEE CLEARANCE

307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES

(685 MM) AND NOT MORE THAN 80 INCHES (2030 MM) ABOVE THE FINISH FLOOR OR

GROUND SHALL PROTRUDE 4 INCHES (100 MM) MAXIMUM HORIZONTALLY INTO THE

FIG. 307.2 LIMITS OF PROTRUDING OBJECTS

307.3 POST-MOUNTED OBJECTS. FREE-STANDING OBJECTS MOUNTED ON POSTS OR

FINISH FLOOR OR GROUND. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED

BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR

OBSTRUCTION SHALL BE 27 INCHES (685 MM) MAXIMUM OR 80 INCHES (2030 MM)

FIG. 307.3 POST-MOUNTED PROTRUDING OBJECTS

307.4 VERTICAL CLEARANCE. VERTICAL CLEARANCE SHALL BE 80 INCHES (2030 MM)

HIGH MINIMUM. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE

VERTICAL CLEARANCE IS LESS THAN 80 INCHES (2030 MM) HIGH. THE LEADING EDGE

OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES (685 MM) MAXIMUM

307.5 REQUIRED CLEAR WIDTH. PROTRUDING OBJECTS SHALL NOT REDUCE THE

FIG. 307.4 VERTICAL CLEARANCE

308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW

FORWARD REACH SHALL BE 15 INCHES (380 MM) MINIMUM ABOVE THE FINISH

FIG. 308.2.1 UNOBSTRUCTED FORWARD REACH

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308

308.1 GENERAL. REACH RANGES SHALL COMPLY WITH 308

INCHES (635 MM) MAXIMUM.

MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

+ + + + +

ABOVE THE FINISH FLOOR OR GROUND.

**308 REACH RANGES** 

308.2 FORWARD REACH.

308.2 FORWARD REACH.

FLOOR OR GROUND.

CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.

12 ma)

12 max

PYLONS IS GREATER THAN 12 INCHES (305 MM), THE LOWEST EDGE OF SUCH SIGN OR

X > 12

PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES (305 MM) MAXIMUM WHEN LOCATED 27 INCHES (685 MM) MINIMUM AND 80 INCHES (2030 MM) MAXIMUM ABOVE THE

elevation

**307.1 GENERAL.** PROTRUDING OBJECTS SHALL COMPLY WITH 307.

GROUND, AND 8 INCHES (205 MM) DEEP MINIMUM AT 27 INCHES (685 MM) ABOVE THE

306.3.4 CLEARANCE REDUCTION. BETWEEN 9 INCHES (230 MM) AND 27 INCHES (685 MM)

ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO

REDUCE AT A RATE OF 1 INCH (25 MM) IN DEPTH FOR EACH 6 INCHES (150 MM) IN HEIGHT.

FINISH FLOOR OR GROUND.

**307 PROTRUDING OBJECTS** 

CIRCULATION PATH

308.3 SIDE REACH.

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

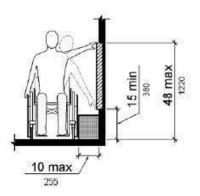


FIG. 308.3.1 UNOBSTRUCTED SIDE REACH

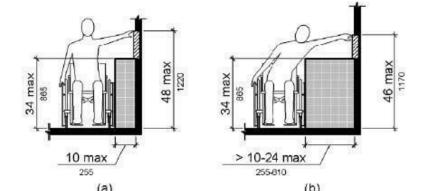


FIG. 308.3.2 OBSTRUCTED HIGH SIDE REACH

308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (865 MM) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610 MM) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (255 MM)308.3.2 OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (865 MM) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610 MM) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (255 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES (255 MM), THE HIGH SIDE REACH SHALL BE 46 INCHES (1170 MM) MAXIMUM FOR A REACH DEPTH OF 24 INCHES (610 MM) MAXIMUM.

#### 402 ACCESSIBLE ROUTES

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

#### 403 WALKING SURFACES

MINIMUM

403.1 GENERAL. WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 403. 403.2 FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES SHALL COMPLY WITH 302. 403.3 SLOPE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. 403.4 CHANGES IN LEVEL. CHANGES IN LEVEL SHALL COMPLY WITH 303. 403.5 CLEARANCES. WALKING SURFACES SHALL PROVIDE CLEARANCES COMPLYING WITH 403.5. 403.5.1 CLEAR WIDTH. EXCEPT AS PROVIDED IN 403.5.2 AND 403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (915 MM)

403.5.2 CLEAR WIDTH AT TURN. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES (1220 MM) WIDE, CLEAR WIDTH SHALL BE 42 INCHES (1065 MM) MINIMUM APPROACHING THE TURN, 48 INCHES (1220 MM) MINIMUM AT THE TURN AND 42 INCHES (1065 MM) MINIMUM LEAVING THE TURN. 403.5.3 PASSING SPACES. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES (1525 MM) SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET (61 M) MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES (1525 MM) MINIMUM BY 60 INCHES (1525 MM) MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE COMPLYING WITH 304.3.2 WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES (1220 MM) MINIMUM BEYOND THE INTERSECTION. 403.6 HANDRAILS. WHERE HANDRAILS ARE PROVIDED ALONG WALKING

SURFACES WITH RUNNING SLOPES NOT STEEPER THAN 1:20 THEY SHALL COMPLY WITH 505.

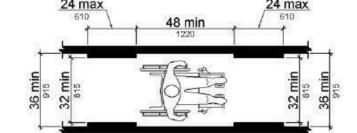
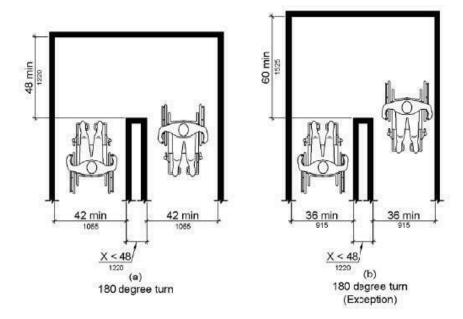
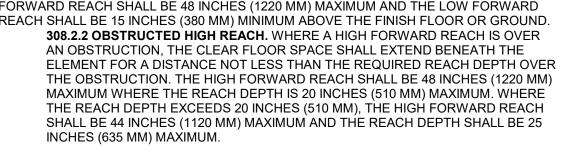


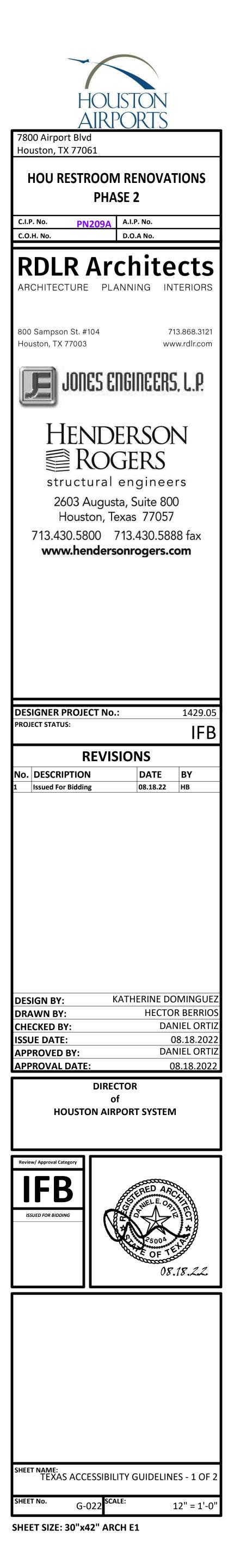
FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE

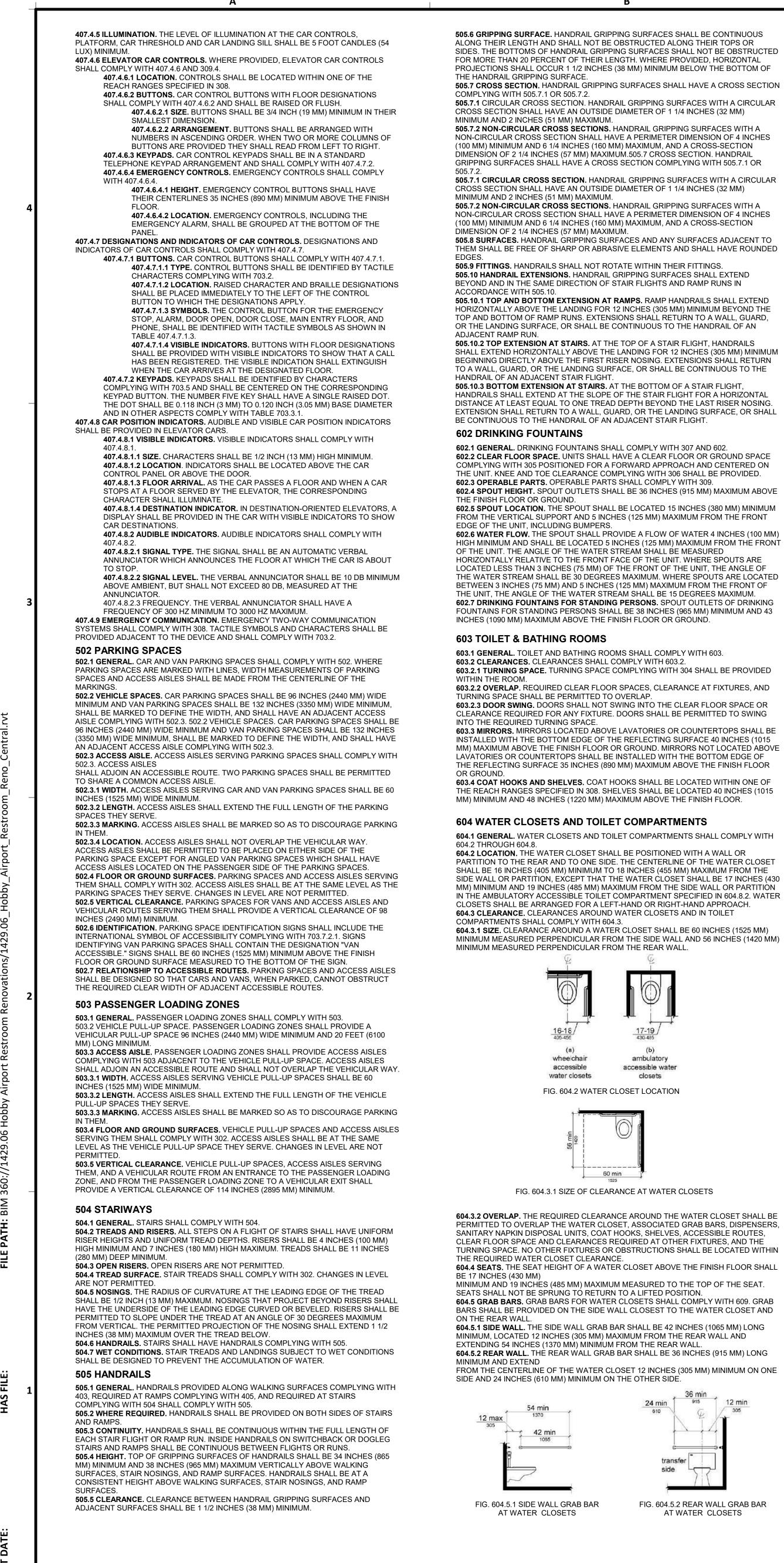


308.2.1 UNOBSTRUCTED. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1220 MM) MAXIMUM AND THE LOW FORWARD



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604.7 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL

WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF

MAXIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS.

DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT

BE 7 INCHES (180 MM) MINIMUM AND 9 INCHES (230 MM) MAXIMUM IN FRONT OF THE

THE DISPENSER SHALL BE 15 INCHES (380 MM) MINIMUM AND 48 INCHES (1220 MM)

ALLOW CONTINUOUS PAPER FLOW.

605 URINALS

605.1 GENERAL. URINALS SHALL COMPLY WITH 605. THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.

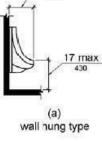


FIG. 605.2 HEIGHT AND DEPTH OF URINALS 606 LAVATORIES AND SINKS 606.1 GENERAL. LAVATORIES AND SINKS SHALL COMPLY WITH 606. COMPLYING WITH 306 SHALL BE PROVIDED. FINISH FLOOR OR GROUND. METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.

UNDER LAVATORIES AND SINKS

#### 609 GRAB BARS

COMPLY WITH 609 609.2.1 OR 609.2.2 (51 MM) MAXIMUM.

MM) MAXIMUM.

BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES (305 MM) MINIMUM BATHTUB SHALL COMPLY WITH 607.4.1.1 OR 607.4.2.1. SHALL HAVE ROUNDED EDGES. 609.6 FITTINGS. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.

### 702 FIRE ALARM SYSTEMS

SUPPORTING STRUCTURE.

#### 703 SIGNS

CHARACTERS. SHALL BE PROVIDED. SHALL BE INSTALLED IN ACCORDANCE WITH 703.4. THEIR BACKGROUND. **703.2.2 CASE.** CHARACTERS SHALL BE UPPERCASE. PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I". SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

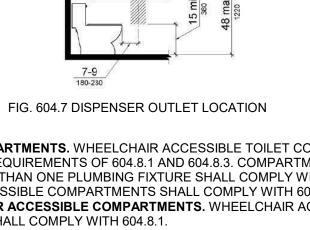
703 3 AND 703 4 SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. COMPLY WITH 703.4.

CHARACTER AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.

POSITION.

LIGHT BACKGROUND COMBINATION OF BOTH. FORMS

PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". UPPERCASE LETTER "I". INCHES (1015 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

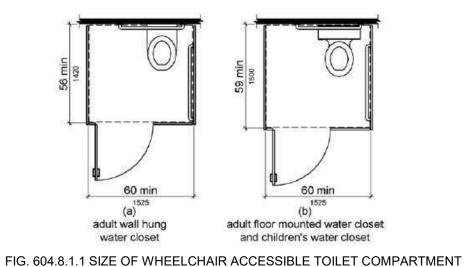


604.8 TOILET COMPARTMENTS. WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS SHALL MEET THE REQUIREMENTS OF 604.8.1 AND 604.8.3. COMPARTMENTS CONTAINING MORE THAN ONE PLUMBING FIXTURE SHALL COMPLY WITH 603. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.2 AND 604.8.3. 604.8.1 WHEELCHAIR ACCESSIBLE COMPARTMENTS. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH 604.8.1.

604.8.1.1 SIZE. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES (1420 MM) DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES (1500 MM) DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE COMPARTMENTS FOR CHILDREN'S USE SHALL BE 60 INCHES (1525 MM) WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 59 INCHES (1500 MM) DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. 604.8.1.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR

HARDWARE, SHALL COMPLY WITH 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES (1065 MM) MINIMUM. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES (100 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES (100 MM) MAXIMUM FROM THE FRONT PARTITION. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.

604.8.1.3 APPROACH. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET. 604.8.1.4 TOE CLEARANCE. THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES (230 MM) MINIMUM ABOVE THE FINISH FLOOR AND 6 INCHES (150 MM) DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES (305 MM) MINIMUM ABOVE THE FINISH FLOOR.



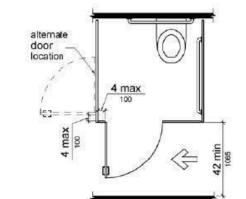


FIG. 604.8.1.2 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS

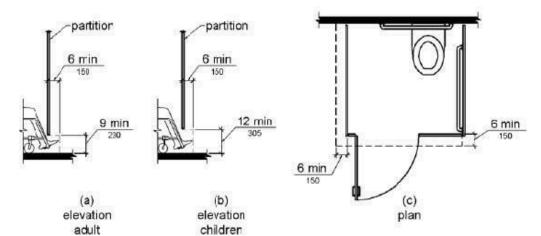


FIG. 604.8.1.4 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

Advisory Specifications for Water Closets Serving Children Ages 3 through 12 Ages 3 and 4 12 inches (305 mm) Water Close Centerline oilet Seat Height 305 mm) Grab Bar Height 510 mm)

12 to 15 inches (305 to 15 to 18 inches (380 380 mm) 11 to 12 inches (280 to 12 to 15 inches (305 to 15 to 17 inches (380 380 mm) 18 to 20 inches (455 to 20 to 25 inches (510 to 25 to 27 inches (635 635 mm) 14 to 17 inches (355 to 17 to 19 inches (430 430 mm)

Ages 5 through 8 Ages 9 through 12 to 455 mm) to 430 mm) to 685 mm) to 485 mm)

604.8.1.5 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-WALL GRAB BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED AND SHALL BE LOCATED ON THE WALL CLOSEST TO THE WATER CLOSET. IN ADDITION, A REAR-WALL GRAB BAR COMPLYING WITH 604.5.2 SHALL BE PROVIDED. 604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. AMBULATORY ACCESSIBLE

604.8.2.1 SIZE, AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60 INCHES (1525 MM) MINIMUM AND A WIDTH OF 35 INCHES (890 MM) MINIMUM AND 37 INCHES (940 MM) MAXIMUM. 604.8.2.2 DOORS. TOILET COMPARTMENT DOORS, INCLUDING DOOR

THE LATCH SIDE OF THE COMPARTMENT DOOR. CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES (1065 MM) MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH 404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA. 604.8.2.3 GRAB BARS. GRAB BARS SHALL COMPLY WITH 609. A SIDE-WALL GRAB

604.8.3 COAT HOOKS AND SHELVES. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 308. SHELVES SHALL BE LOCATED 40 INCHES (1015 MM) MINIMUM AND 48 INCHES (1220 MM) MAXIMUM ABOVE THE FINISH FLOOR. 604.9 WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE. WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE SHALL COMPLY WITH

PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 12 INCHES (305 MM) MINIMUM AND 18 INCHES (455 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (430 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH 604.9.2 CLEARANCE. CLEARANCE AROUND A WATER CLOSET SHALL COMPLY WITH

604.3. 604.9.3 HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE 11 INCHES (280 MM) MINIMUM AND 17 INCHES (430 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION 604.9.4 GRAB BARS. GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH 604.5. 604.9.5 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.2 AND 309.4 AND SHALL BE INSTALLED 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH 604.8.2. 604.9.6 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH 309.4 AND SHALL BE 7 INCHES (180 MM) MINIMUM AND 9 INCHES (230 MM) MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 14 INCHES (355 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE THE FINISH FLOOR. THERE SHALL BE A CLEARANCE OF 1 1/2 INCHES

(38 MM) MINIMUM BELOW THE GRAB BAR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. 604.9.7 TOILET COMPARTMENTS. TOILET COMPARTMENTS SHALL COMPLY WITH 604.8.

Dispenser Height 14 inches (355 mm)

COMPARTMENTS SHALL COMPLY WITH 604.8.2.

HARDWARE, SHALL COMPLY WITH 404, EXCEPT THAT IF THE APPROACH IS TO

BAR COMPLYING WITH 604.5.1 SHALL BE PROVIDED ON BOTH SIDES OF THE COMPARTMENT

604.9.1 LOCATION. THE WATER CLOSET SHALL BE LOCATED WITH A WALL OR IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN 604.8.2. TO THE WATER CLOSET.

AT WATER CLOSETS

7-19 ambulatory accessible water closets

transfer side



#### 605.2 HEIGHT AND DEPTH. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES (430 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2 INCHES (345 MM) DEEP MINIMUM MEASURED FROM

703.5.7 STROKE THICKNESS. STROKE THICKNESS OF THE UPPERCASE LETTER "!"

CHARACTER

FIFI D

703.2, 703.3 AND 703.4.

703.7.2 SYMBOLS.

PERCENT MAXIMUM OF CHARACTER HEIGHT

OR A DARK SYMBOL ON A LIGHT BACKGROUND.

ACCESSIBILITY SHALL COMPLY WITH FIGURE 703.7.2.1.

703.6 PICTOGRAMS. PICTOGRAMS SHALL COMPLY WITH 703.6.

MAXIMUM OF THE CHARACTER HEIGHT.

SHALL BE 10 PERCENT MINIMUM AND 30 PERCENT MAXIMUM OF THE HEIGHT OF THE

703.5.8 CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN

THE TWO CLOSEST POINTS OF ADJACENT CHARACTERS, EXCLUDING WORD SPACES.

703.5.9 LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF

SPACING BETWEEN INDIVIDUAL CHARACTERS SHALL BE 10 PERCENT MINIMUM AND 35

CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT

703.6.1 PICTOGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES (150

MM) MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM

703.6.2 FINISH AND CONTRAST. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-

703.6.3 TEXT DESCRIPTORS. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED

DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH

703.7 SYMBOLS OF ACCESSIBILITY. SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH

703.7.1 FINISH AND CONTRAST. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND

SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST

FIG. 703.7.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY

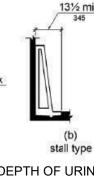
WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND

703.7.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE INTERNATIONAL SYMBOL OF

GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A

LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.

605.3 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 605.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. 605.3 CLEAR FLOOR SPACE. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 605.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309.



#### 606.2 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE COMPLYING WITH 305. POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE

606.3 HEIGHT. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES (865 MM) MAXIMUM ABOVE THE 606.4 FAUCETS. CONTROLS FOR FAUCETS SHALL COMPLY WITH 309. HAND-OPERATED 606.5 EXPOSED PIPES AND SURFACES. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES

609.1 GENERAL. GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL 609.2 CROSS SECTION. GRAB BARS SHALL HAVE A CROSS SECTION COMPLYING WITH 609.2.1 CIRCULAR CROSS SECTION. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES (32 MM) MINIMUM AND 2 INCHES

609.2.2 NON-CIRCULAR CROSS SECTION. GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION DIMENSION OF 2 INCHES (51 MM) MAXIMUM AND A PERIMETER DIMENSION OF 4 INCHES (100 MM) MINIMUM AND 4.8 INCHES (120 609.3 SPACING. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 INCHES (38 MM), THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES (38 MM) MINIMUM. THE SPACE

609.4 POSITION OF GRAB BARS. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES (840 MM) MINIMUM AND 36 INCHES (915 MM) MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE, EXCEPT THAT AT WATER CLOSETS FOR CHILDREN'S USE COMPLYING WITH 604.9, GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION 18 INCHES (455 MM) MINIMUM AND 27 INCHES (685 MM) MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. THE HEIGHT OF THE LOWER GRAB BAR ON THE BACK WALL OF A 609.5 SURFACE HAZARDS. GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND

609.7 INSTALLATION. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT 609.8 STRUCTURAL STRENGTH. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS (1112 N) IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR

702.1 GENERAL. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NEPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE, SEE "REFERENCED STANDARDS" IN CHAPTER 1 EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF AUDIBLE NOTIFICATION APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUND LEVEL NO MORE THAN 110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION. ALARMS IN GUEST ROOMS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4-4 OF NFPA 72 (1999 EDITION) OR SECTIONS 7.4 AND 7.5 OF NFPA 72 (2002 EDITION).

703.1 GENERAL, SIGNS SHALL COMPLY WITH 703. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE 703.2 RAISED CHARACTERS. RAISED CHARACTERS SHALL COMPLY WITH 703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH 703.3. RAISED CHARACTERS 703.2.1 DEPTH. RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 MM) MINIMUM ABOVE

703.2.3 STYLE. CHARACTERS SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS. 703.2.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 703.2.5 CHARACTER HEIGHT. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (16 MM) MINIMUM AND 2 INCHES (51 703.2.6 STROKE THICKNESS. STROKE THICKNESS OF THE UPPERCASE LETTER "I" 703.2.7 CHARACTER SPACING. CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE. EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH (1.6 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH (3.2 MM) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 MM) MINIMUM. 703.2.8 LINE SPACING. SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170

PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT. 703.3 BRAILLE. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH 703.3.1 DIMENSIONS AND CAPITALIZATION. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF

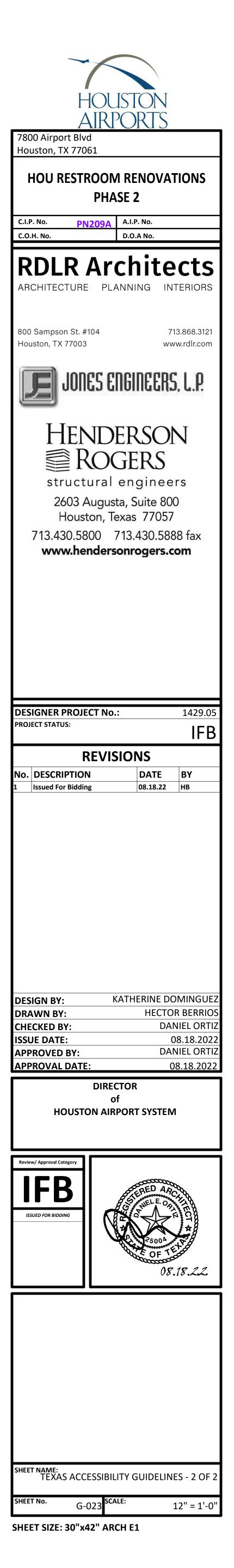
703.4 INSTALLATION HEIGHT AND LOCATION. SIGNS WITH TACTILE CHARACTERS SHALL 703.4.1 HEIGHT ABOVE FINISH FLOOR OR GROUND. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE LOWEST TACTILE

703.4.2 LOCATION. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR. THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN

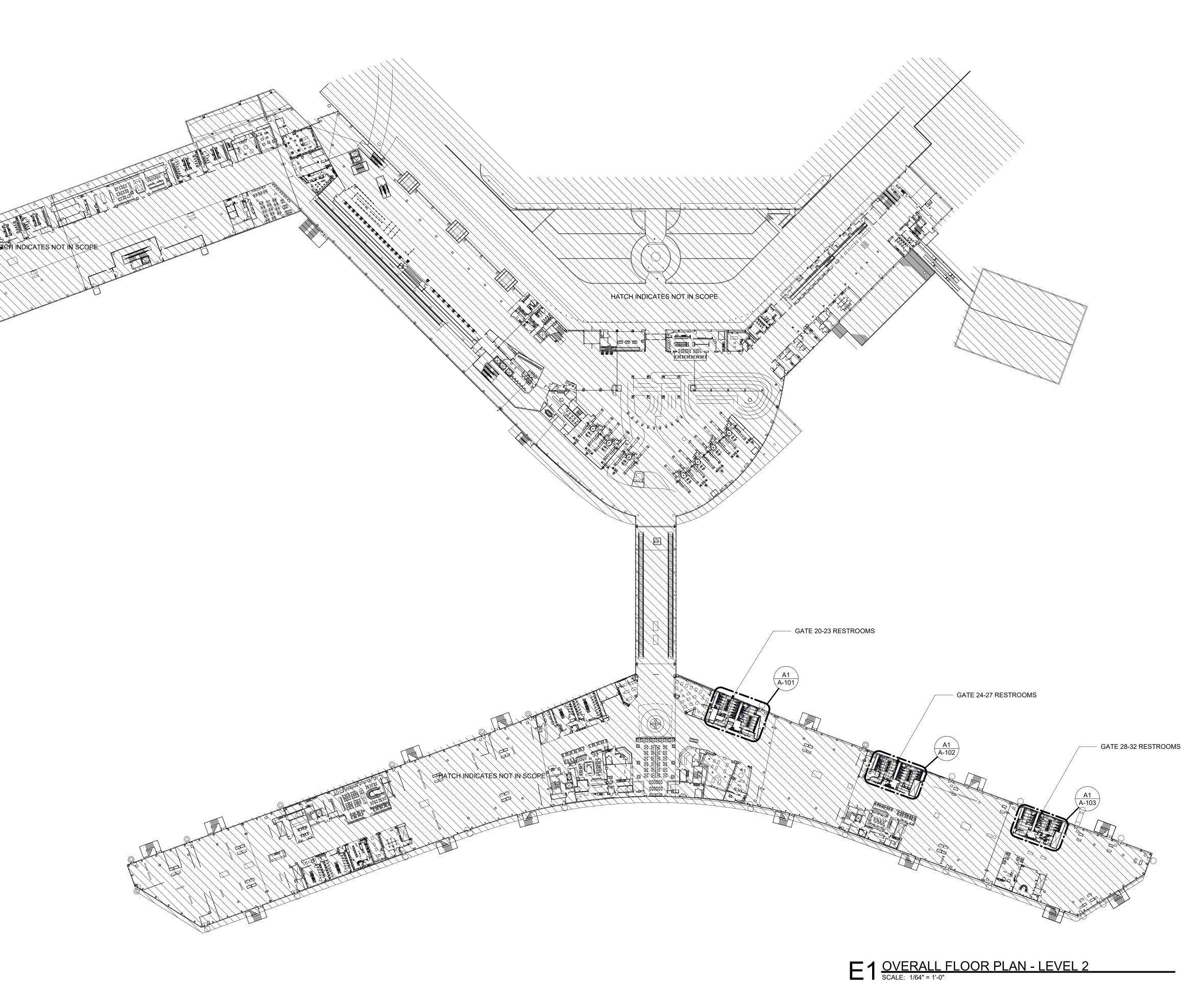
703.5 VISUAL CHARACTERS. VISUAL CHARACTERS SHALL COMPLY WITH 703.5. 703.5.1 FINISH AND CONTRAST, CHARACTERS AND THEIR BACKGROUND SHALL HAVE . NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A 703.5.2 CASE. CHARACTERS SHALL BE UPPERCASE OR LOWERCASE OR A

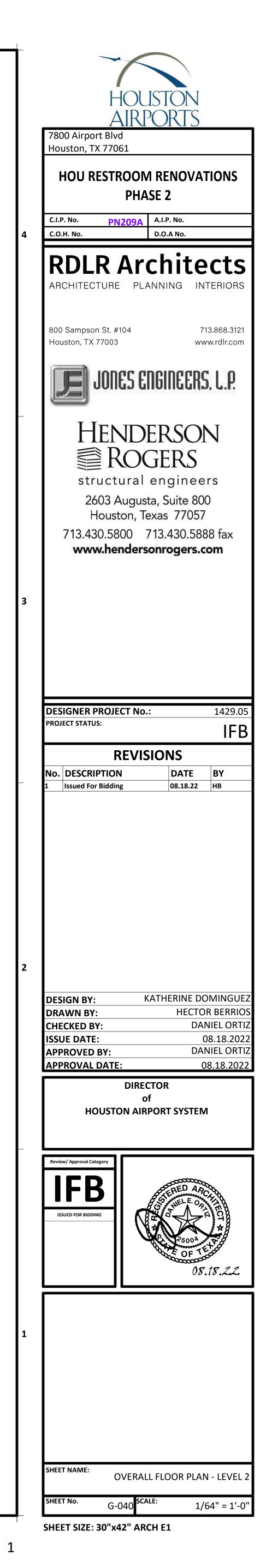
703.5.3 STYLE, CHARACTERS SHALL BE CONVENTIONAL IN FORM. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL 703.5.4 CHARACTER PROPORTIONS. CHARACTERS SHALL BE SELECTED FROM FONTS

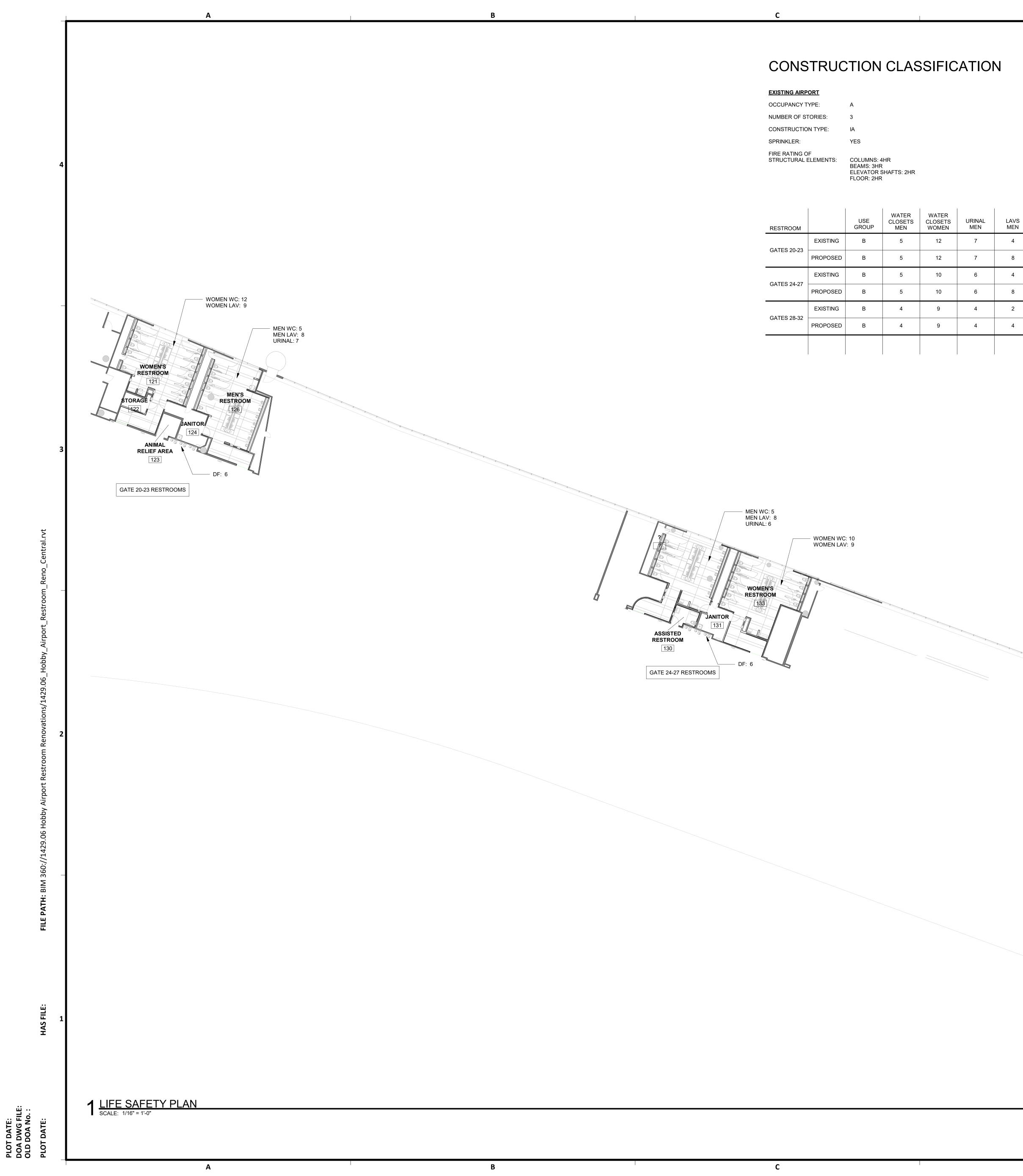
WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 703.5.5 CHARACTER HEIGHT, MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH TABLE 703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE 703.5.6 HEIGHT FROM FINISH FLOOR OR GROUND. VISUAL CHARACTERS SHALL BE 40



PLOT DATE: DOA DWG FILE: OLD DOA No. : PLOT DATE:	HAS FILE:	FILE PATH: BIM 360://1429.06 Hobby Airport Restroom Renovations/1429.06_Hobby_Airport_Restroom_Reno_Central.rvt	ral.rt
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OCCUPANCY TYPE:
NUMBER OF STORIES:
CONSTRUCTION TYPE:
SPRINKLER:
FIRE RATING OF STRUCTURAL ELEMENTS:

ELEVATOR SHAFTS: 2HR	
FLOOR: 2HR	

RESTROOM		USE GROUP	WATER CLOSETS MEN	WATER CLOSETS WOMEN	URINAL MEN	
CATES 20.22	EXISTING	В	5	12	7	
GATES 20-23	PROPOSED	В	5	12	7	
GATES 24-27	EXISTING	В	5	10	6	
	PROPOSED	В	5	10	6	
	EXISTING	В	4	9	4	
GATES 28-32	PROPOSED	В	4	9	4	

SINGLE LAVS OCCUPANT SERVICE WOMEN RESTROOM SINK

NA

NA

1

1

1

1

1

1

4

8

4

8

2

4

5

9

5

9

5

9

### APPLICABLE BUILDING CODES

2012 INTERNATIONAL BUILDING CODE 2012 INTERNATIONAL FIRE CODE 2012 UNIFORM MECHANICAL CODE 2012 UNIFORM PLUMBING CODE

2017 NATIONAL ELECTRICAL CODE 2017 NATIONAL ELECTRICAL CODE 2015 HOUSTON COMMERCIAL ENERGY CONSERVATION CODE CITY OF HOUSTON SIGN CODE CITY OF HOUSTON BUILDING CODE AMENDMENTS

HAS STANDARDS STATE OF TEXAS ACCESSIBILITY STANDARDS

### **BUILDING CODE SUMMARY**

#### PROJECT DESCRIPTION RENOVATION TO EXISTING RESTROOMS

OCCUPANCY CLASSIFICATION (EXISTING TO REMAIN - OCCUPANCY CLASSIFICATION / OCCUPANCY LOAD NOT AFFECTED BY WORK) GROUP A-3: RESTROOMS IN TRANSPORTATION TERMINALS, ACCESSORY OCCUPANCY

ACCESSO	RY OCCUPANCIES
508.3.1	SUBSIDIARY OCCUPANCIES NOT MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED ARE NOT REQUIRED TO BE SEPARATED.
508.3.2.1	NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. CODE REQUIREMENTS SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE EXCEPT THAT THE MOST RESTRICTIVE APPLICABLE PROVISIONS OF SECTION 403 AND CHAPTER 9 SHALL APPLY TO THE ENTIRE BUILDING OR PORTION THEREOF.

#### 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	0-HOUR
	FLOOR CONSTRUCTION	2-HOUR
	ROOF CONSTRUCTION	1.5-HOUR

#### INTERIOR FINISHES

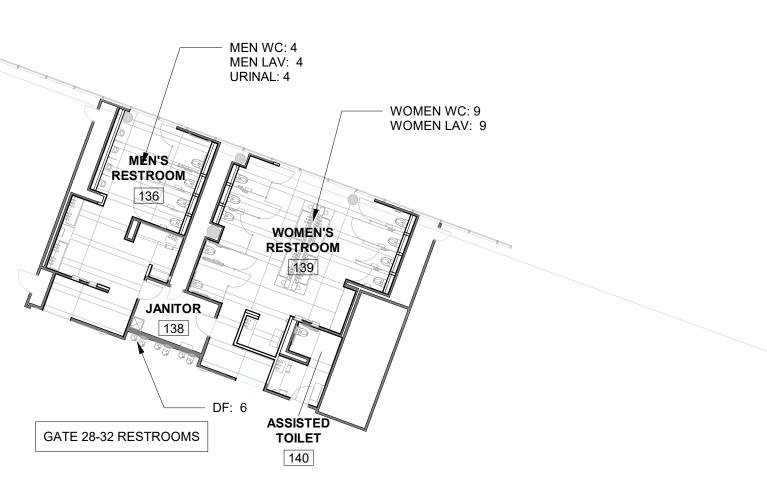
803.1.1 INTERIOR WALL AND CEILING MATERIALS

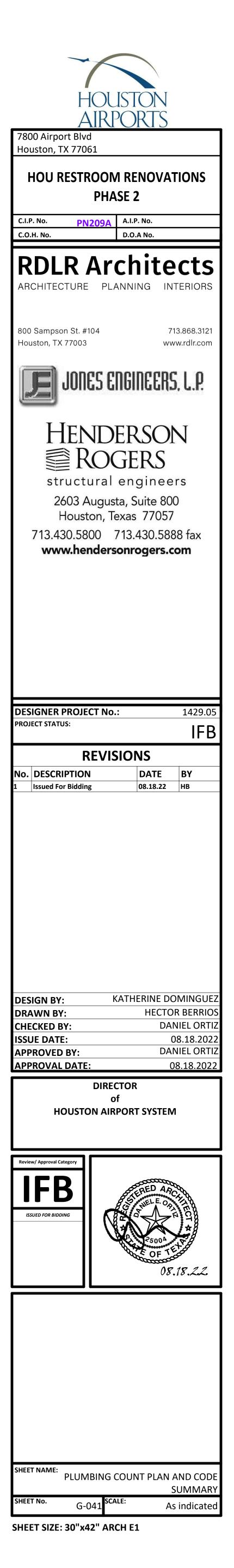
INTERIOR WALL AND CEILING MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723

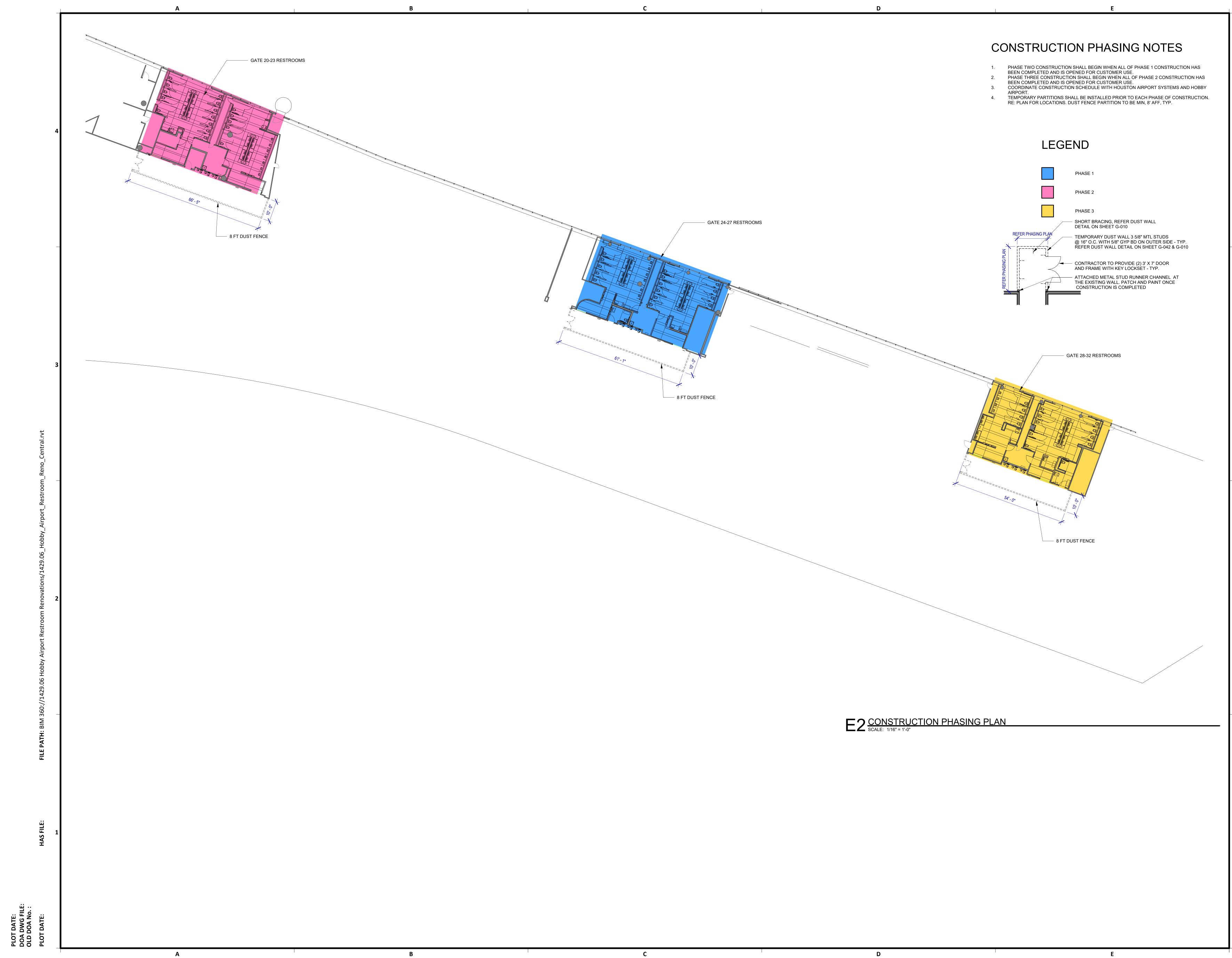
	FLAME SPREA	D INDEX	SMOKE DEVELOPE	D INDEX
CLASS A	0-25		0-450	
CLASS B	26-75		0-450	
CLASS C	76-200		0-450	
GROUP A-3 (SI	PRINKLERED)	CORRIDORS		CLASS B
•	,			

ROOMS & ENCLOSED SPACES CLASS C

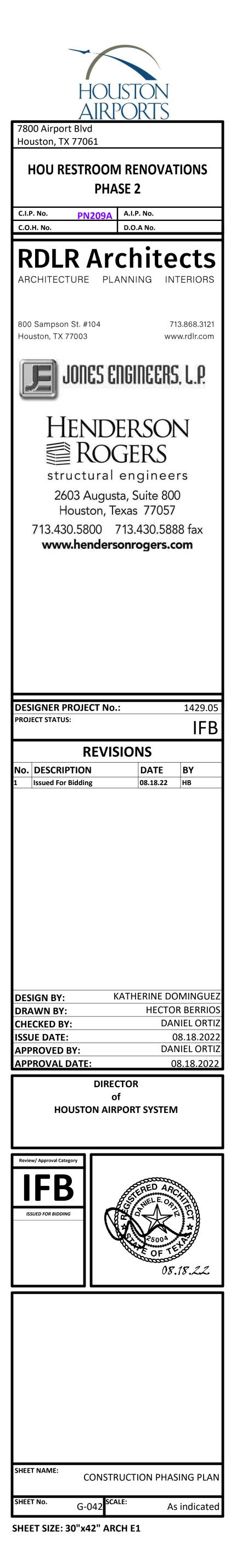
### BUILDING CODE SUMMARY SCALE: 1/4" = 1'-0"

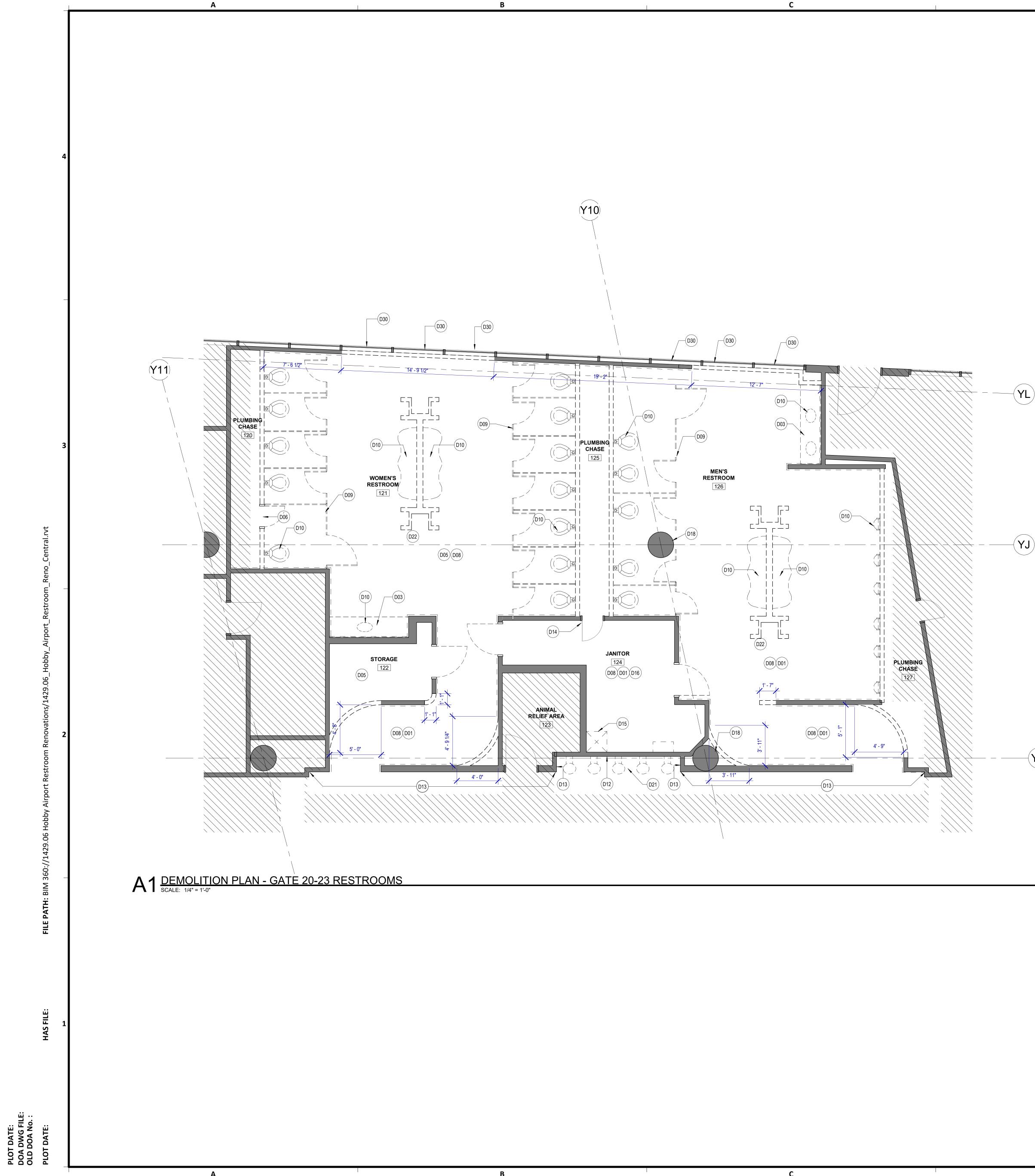












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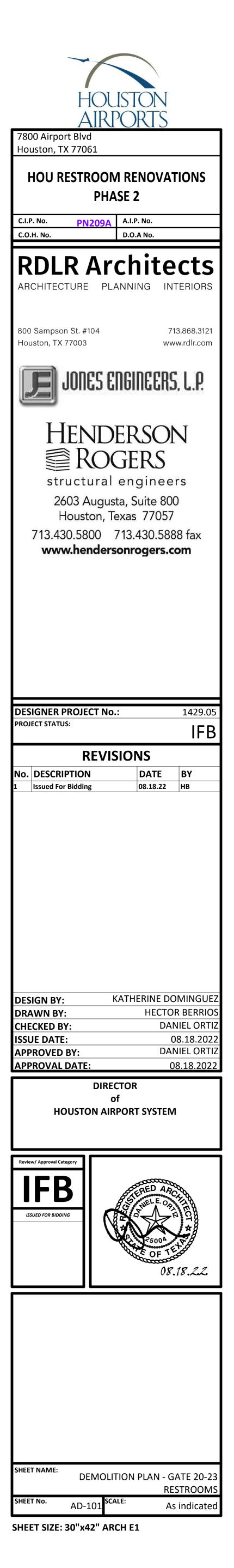
- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE RESPRESENTED IN THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT
- QUANTITIES IN THE FIELD. EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, SHALL BE CONCEALED BEHIND NEW SCHEDULES PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA, AND THERMOSTATS, NOTED FOR REINSTALLATION, SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW
- FACE PLATE. ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER/HAS HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES. ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND
- SALVAGED FOR REINSTALLATION, U.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), IPAD'S, 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 10. DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED.
- 11. EXISTING TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. CONTRACTOR TO CAREFULLY REMOVE EACH PANEL AND ATTACHEDMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN AND STUD FRAMING OR AS REQUIRED PER DRAWING.

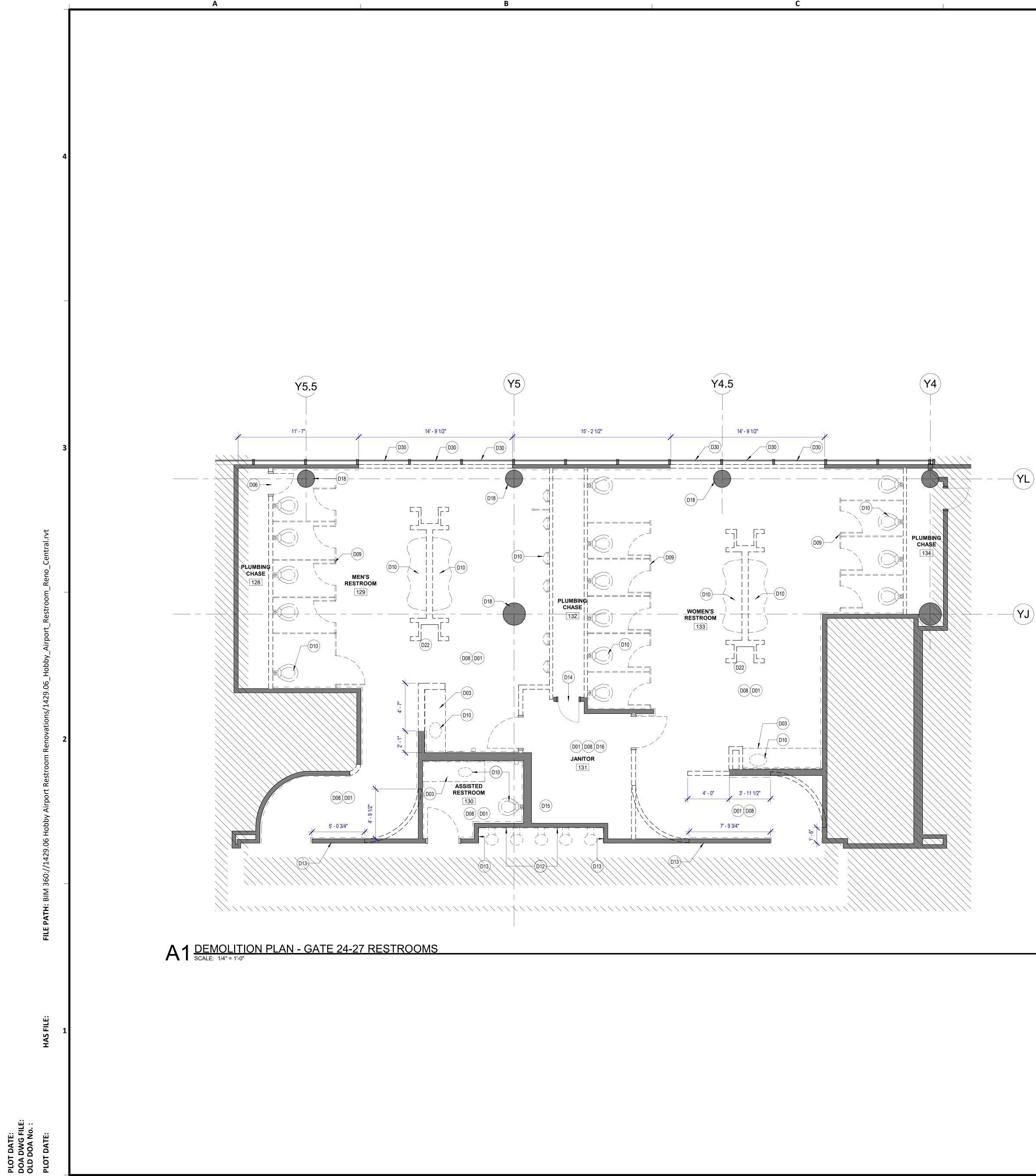
#### KEYNOTE LEGEND KEYNOTE TEXT

KEY VALUE	KEYNOTE TEXT
D01	REMOVE ALL EXISTING FINISHES AND GYP BD. FROM METAL STUDS
D03	REMOVE EXISTING COUNTER TOP.
D05	PROTECT EXISTING WALLS TO REMAIN.
D06	REMOVE EXISTING HM DOOR & FRAME. SALVAGE FOR REINSTALLATION.
D08	REMOVE EXISTING FLOOR TILE & PREP AS REQUIRED FOR INSTALLATION OF NEW TILE.
D09	REMOVE EXISTING TOILET PARTITIONS.
D10	REMOVE EXISTING PLUMBING FIXTURES & STEEL SUPPORTS. PLUMBING LINES TO BE PREPARED/RELOCATED AS REQUIRED FOR NEW WORK, TYP.
D12	REMOVE EXISTING GRANITE FINISH, S.S. BASE AND GYP BD. REFRAME WALL AS REQUIRED FOR NEW DRINKING FOUNTAINS
D13	REMOVE EXISTING SLATE FINISH, S.S. BASE AND GYP BD.
D14	EXISTING HM DOOR & FRAME TO REMAIN.
D15	REMOVE EXISTING MOP SINK.
D16	REMOVE AND SALVAGE ALL JANITOR CLOSET ACCESSORIES FOR REINSTALLATION.
D18	REMOVE EXISTING CERAMIC TILE FINISH & PREP COLUMN FOR NEW FINISH.
D21	REMOVE EXISTING DRINKING FOUNTAINS
D22	EXISTING IPAD. REMOVE, PROTECT AND SALVAGE FOR RELOCATION.
D30	REMOVE EXISTING SPANDREL GLAZING FROM CURTAIN WALL

# DEMOLITION LEGEND

	DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
	EXISTING PARTITION TO REMAIN
	NOT IN SCOPE
	REFER TO NOTE D01
[]]]]]	LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.





### DEMOLITION GENERAL NOTES

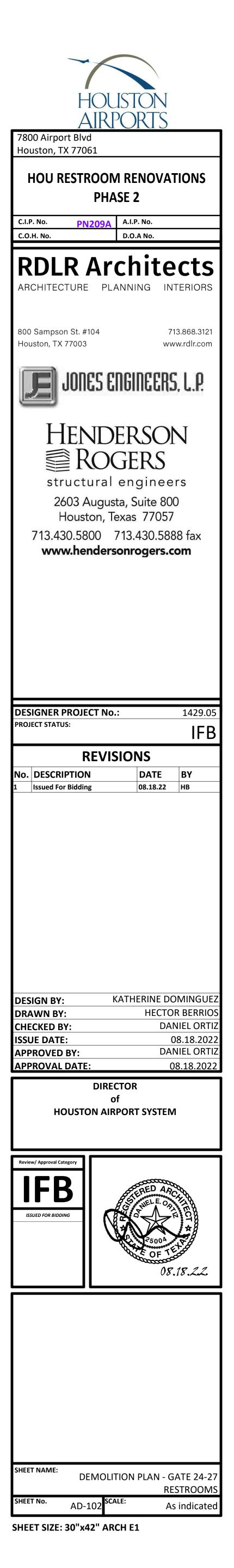
- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE RESPRESENTED IN 1. THESE PLANS AND THEREFORE THE INTENT OF THE DEMOLITION PLANS ARE TO INDICATE TYPICAL WORK REQUIRED. GENERAL CONTRACTOR TO DETERMINE EXACT QUANTITIES IN THE FIELD.
- EXISTING SURFACE MOUNTED CONDUIT WHERE DEVICES ARE SHOWN TO REMAIN, 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 3. JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER/HAS HAS FIRST RIGHT OF SALVAGE.
- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES. ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND
- SALVAGED FOR REINSTALLATION, U.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), IPAD'S, 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 9. BEFORE STARTING INSTALLING WORK. CONTRACTOR SHALL REVIEW AND COORDINATE MEP DEMO AND NEW WORK 10.
- DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED. 11. EXISTING TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. CONTRACTOR TO CAREFULLY REMOVE EACH PANEL AND ATTACHEDMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN AND STUD FRAMING OR AS REQUIRED PER DRAWING.

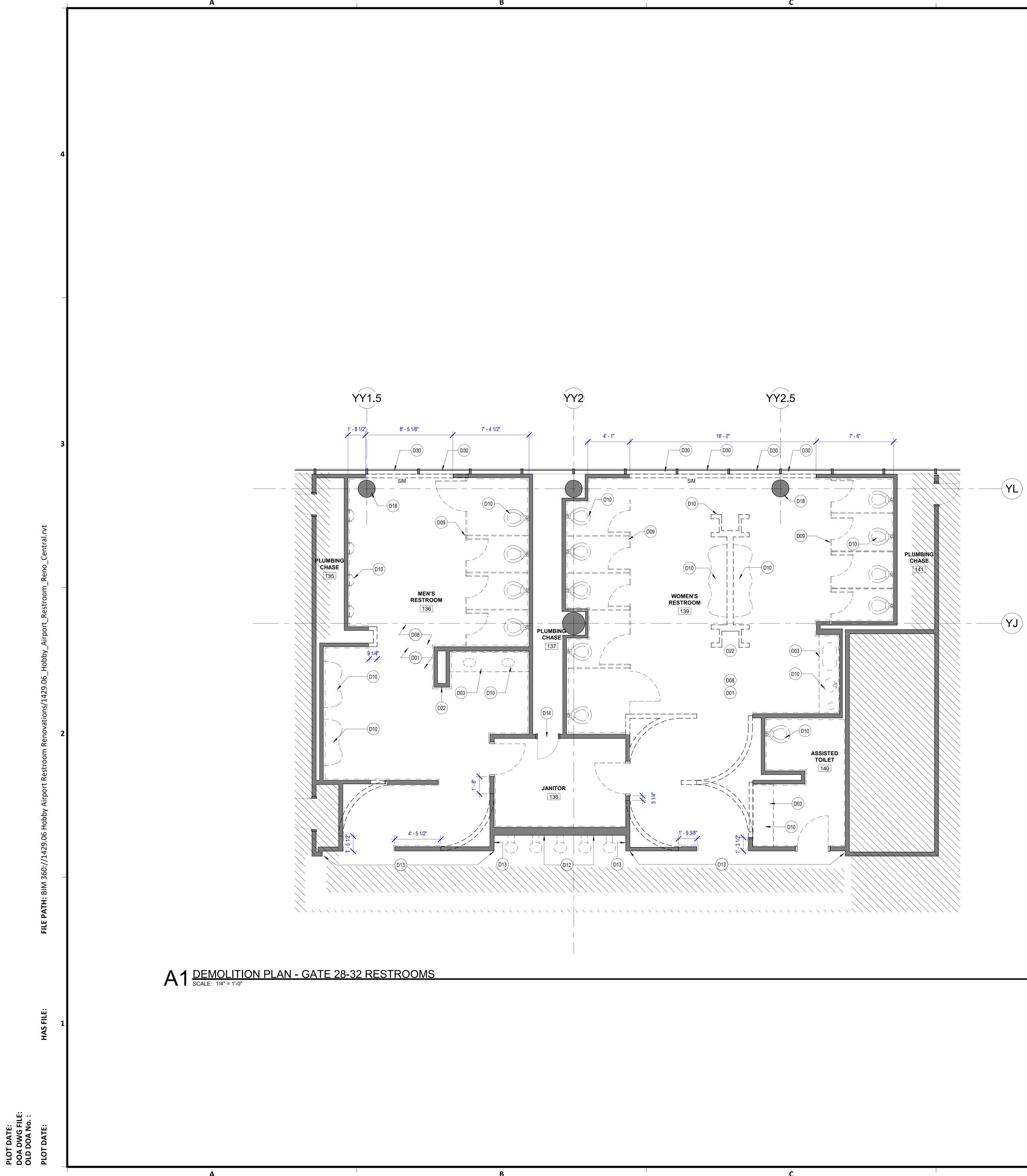
#### KEYNOTE LEGEND KEYNOTE TEXT

KEY VALUE	KEYNOTE TEXT
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D22	EXISTING IPAD. REMOVE, PROTECT AND SALVAGE FOR RELOCATION.
D30	REMOVE EXISTING SPANDREL GLAZING FROM CURTAIN WALL

### DEMOLITION LEGEND

\_ \_ \_ \_ \_ \_ \_ \_ DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED \_ \_ \_ \_ \_ \_ \_ \_ EXISTING PARTITION TO REMAIN NOT IN SCOPE REFER TO NOTE D01 **\_\_\_\_** LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS L\_\_\_\_\_ FOR ADDITIONAL INFORMATION ON 0 EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.





### DEMOLITION GENERAL NOTES

- NOT ALL EXISTING CONDITIONS AND DEVICES/EQUIPMENT ARE RESPRESENTED 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.
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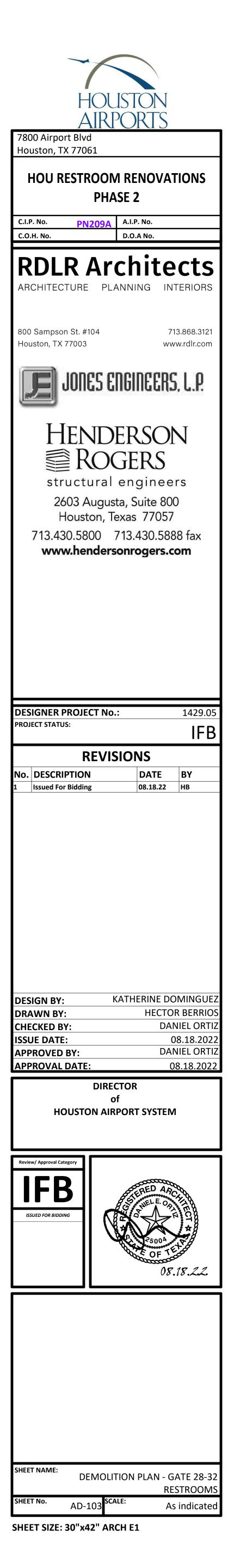
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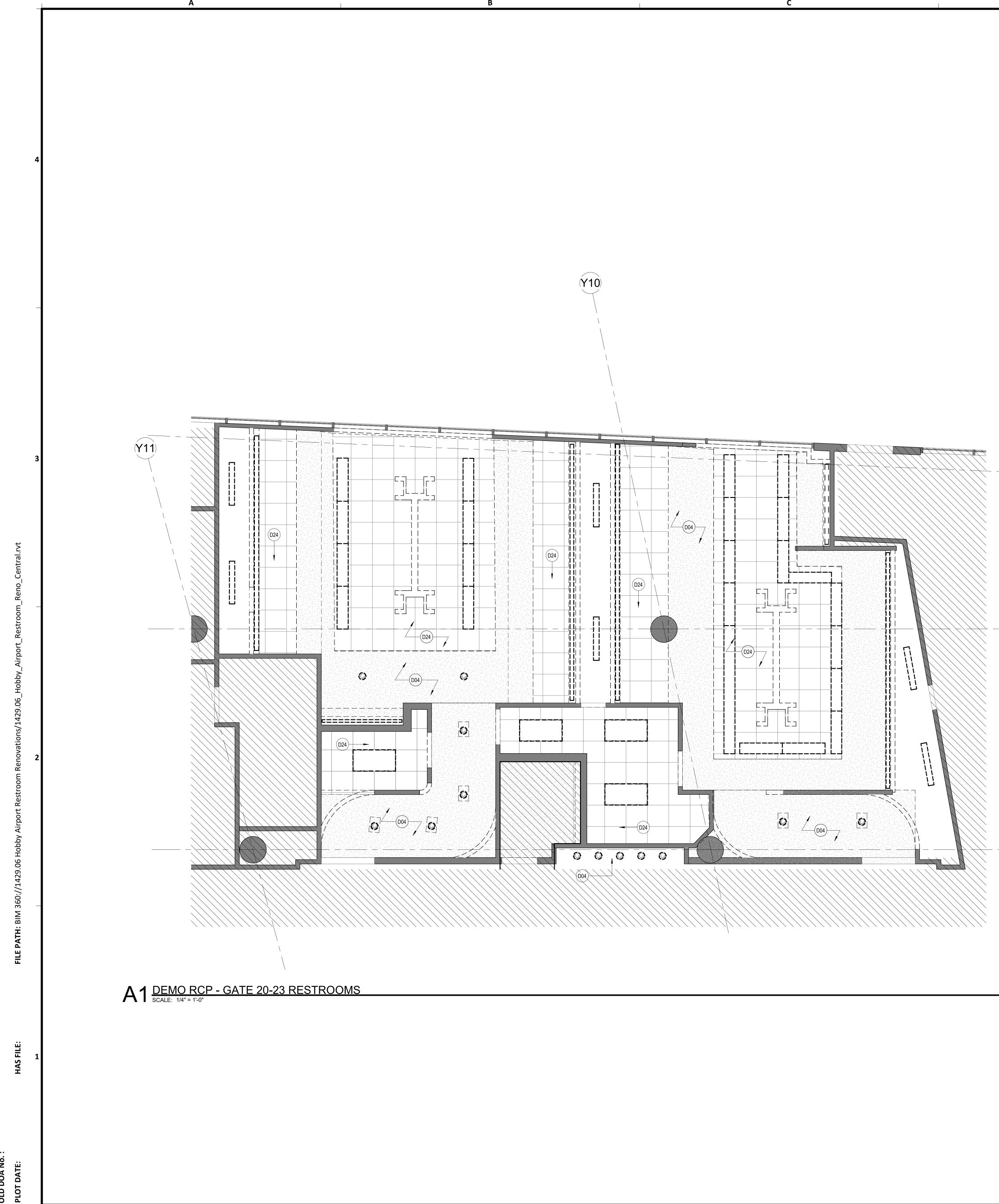
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## DEMOLITION LEGEND

KEY VALUE

======	DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
	EXISTING PARTITION TO REMAIN
	NOT IN SCOPE
	REFER TO NOTE D01
[] ()	LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.



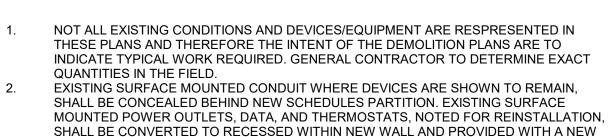


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- FACE PLATE. 3. ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED.
- OWNER/HAS HAS FIRST RIGHT OF SALVAGE. ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES.
- ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION, U.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), IPAD'S, 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 10. DRAWINGS FOR ALL THE PLUMBING, ELECTRICAL, LIGHTING FIXTURES, HVAC AND DATA TO REMAIN AND/OR BEING MODIFIED OR NEW WORK TO BE PROVIDED. 11. EXISTING TRESPA PANELS ARE DESIGNED TO BE REMOVABLE. CONTRACTOR TO
- CAREFULLY REMOVE EACH PANEL AND ATTACHEDMENT SYSTEM TO AVOID DAMAGE TO EXISTING GYP BOARD TO REMAIN AND STUD FRAMING OR AS REQUIRED PER DRAWING.

#### KEYNOTE LEGEND KEYNOTE TEXT

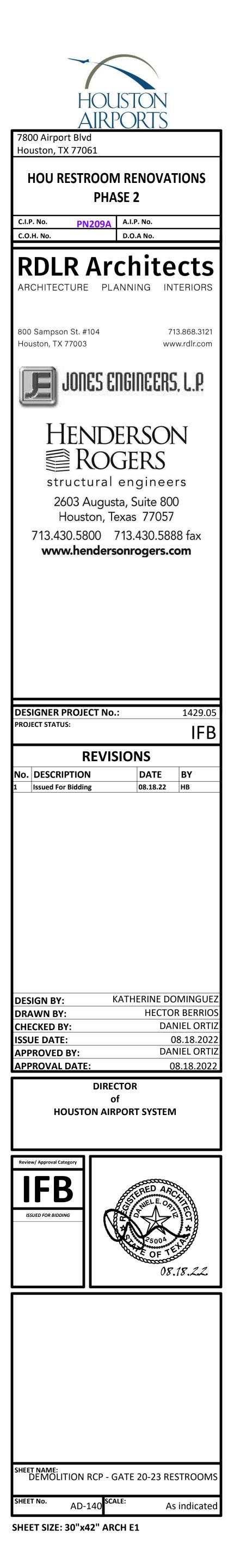
REMOVE EXISTING GYP BD. CEILING. REMOVE ACOUSTICAL CEILING AND GRID. D04 D24

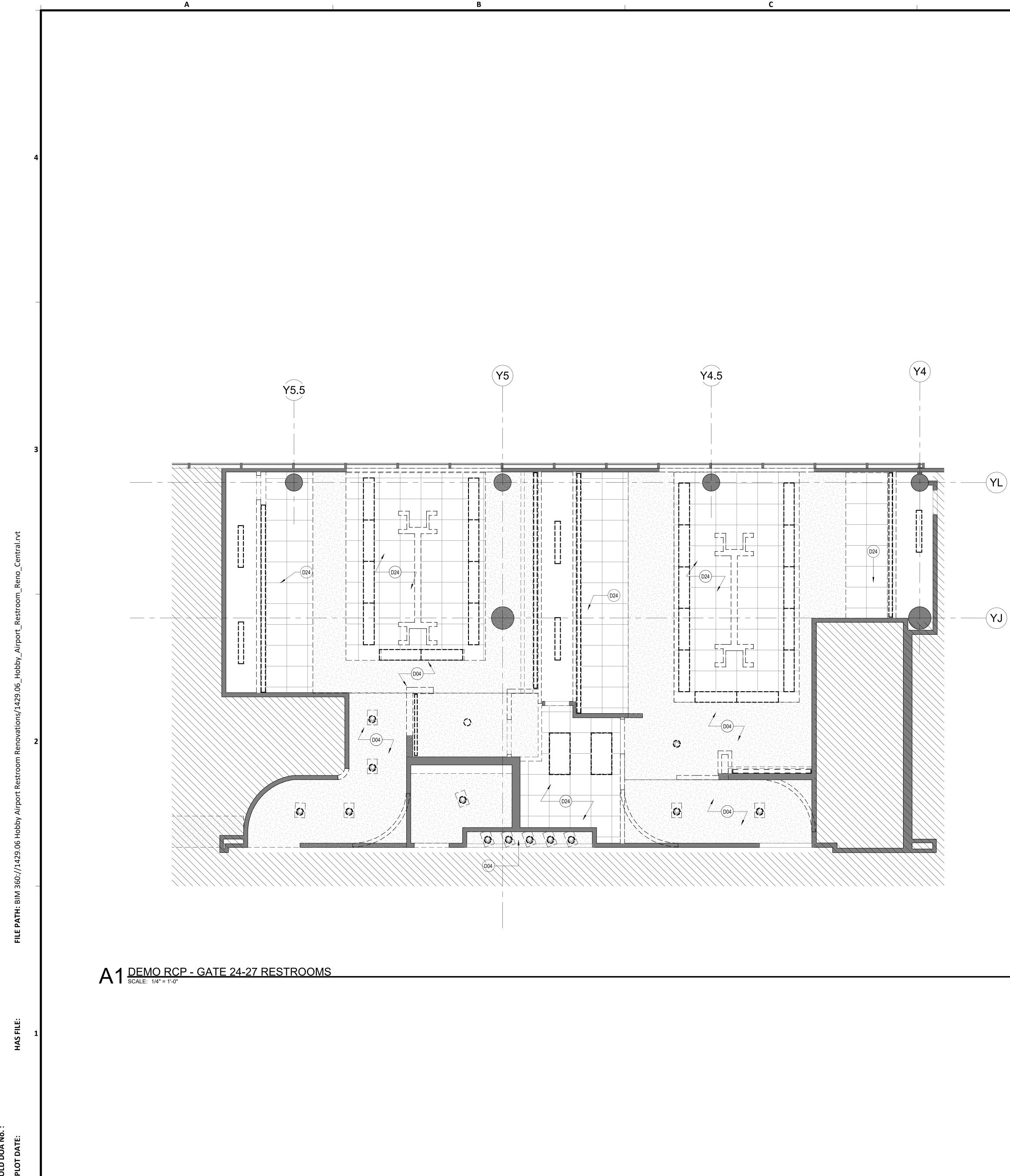
KEY VALUE

### DEMOLITION LEGEND

	DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED
	EXISTING PARTITION TO REMAIN
	NOT IN SCOPE
	REFER TO NOTE D01
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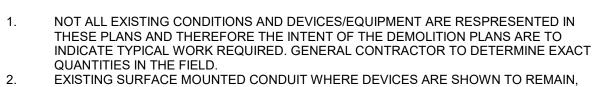
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PLOT DATE: Doa Dwg Fili Old Doa No. :

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- SHALL BE CONCEALED BEHIND NEW SCHEDULES PARTITION. EXISTING SURFACE MOUNTED POWER OUTLETS, DATA, AND THERMOSTATS, NOTED FOR REINSTALLATION. SHALL BE CONVERTED TO RECESSED WITHIN NEW WALL AND PROVIDED WITH A NEW FACE PLATE. ALL DOOR FRAMES AT EXISTING AND NEW WALLS TO RECEIVE DOUBLE STUDS AT
- JAMBS & BOX HEADERS AT HEAD CONDITIONS. VERIFY ROUGH OPENINGS REQUIRED. OWNER/HAS HAS FIRST RIGHT OF SALVAGE. ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES.
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#### **KEYNOTE LEGEND** KEYNOTE TEXT

REMOVE EXISTING GYP BD. CEILING. REMOVE ACOUSTICAL CEILING AND GRID.

KEY VALUE

D04

D24

# DEMOLITION LEGEND

\_ \_ \_ \_ \_ \_ \_ \_ DASHED LINE INDICATED OBJECT OR PARTITION TO BE DEMOLISHED \_ \_ \_ \_ \_ \_ \_ \_

EXISTING PARTITION TO REMAIN

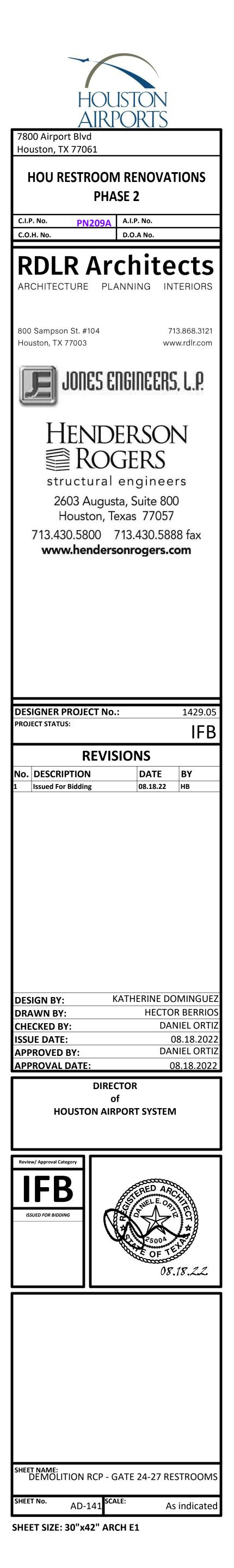
NOT IN SCOPE

REFER TO NOTE D01

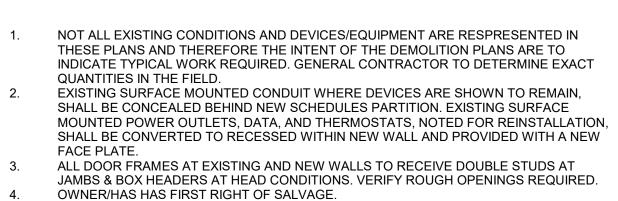
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LIGHT FIXTURES TO BE REMOVED, REFER MEP DWGS FOR ADDITIONAL INFORMATION ON EXISTING LIGHT FIXTURES, HVAC, DATA, SPEAKERS TO BE REMOVED.

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- ALL EXISTING FINISHES TO BE REMOVED AND REMAINING SURFACES TO BE REPAIRED AND PREPPED FOR NEW FINISHES. ALL EXISTING EQUIPMENT HOSTED IN ACOUSTICAL CEILING TILE TO BE REMOVED AND SALVAGED FOR REINSTALLATION, U.N.O
- 7. ALL CEILING MOUNTED FIRE ALARM HORN & STROBE TO BE PROTECTED DURING CONSTRUCTION. ALL IT EQUIPMENT, SMART RESTROOM TECHNOLOGY SHALL BE REMOVED, PROTECTED 8. AND REINSTALLED BY THE CONTRACTOR , THIS SHALL INCLUDE BUT NOT LIMITED TO PEOPLE COUNTER (CAMERAS), IPAD'S, 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
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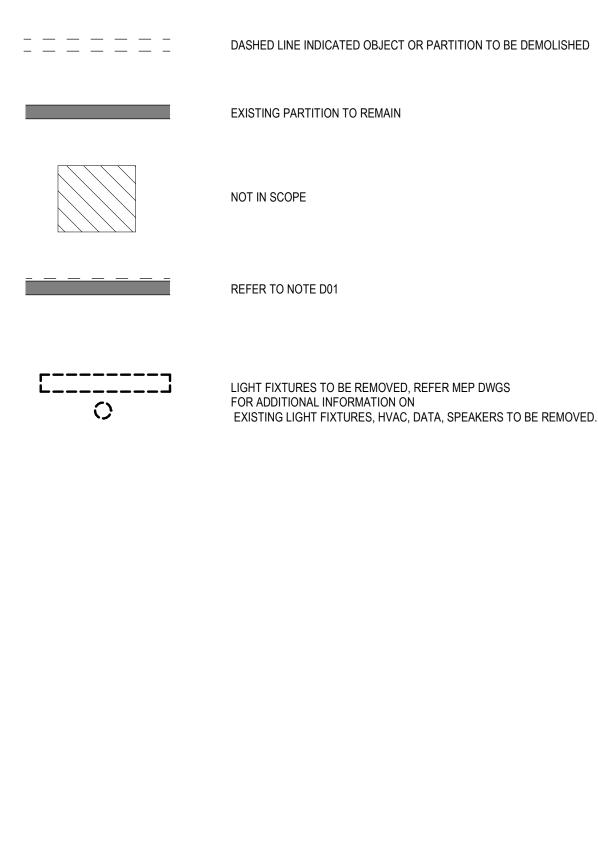
#### KEYNOTE LEGEND KEYNOTE TEXT

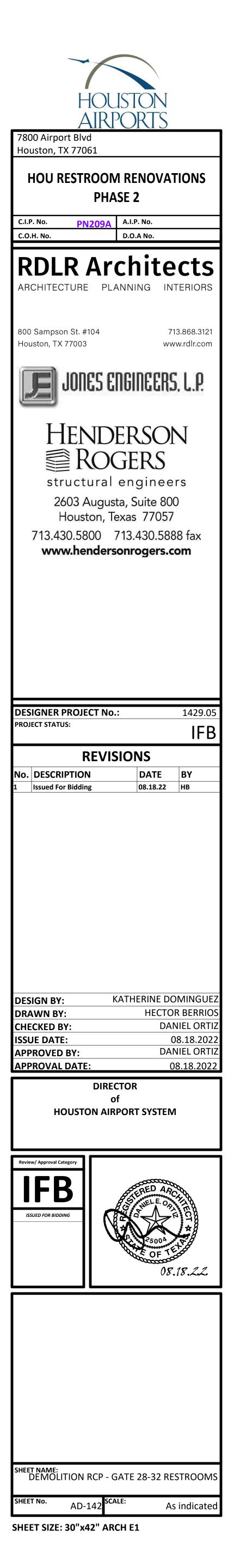
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KEY VALUE

D04 D24

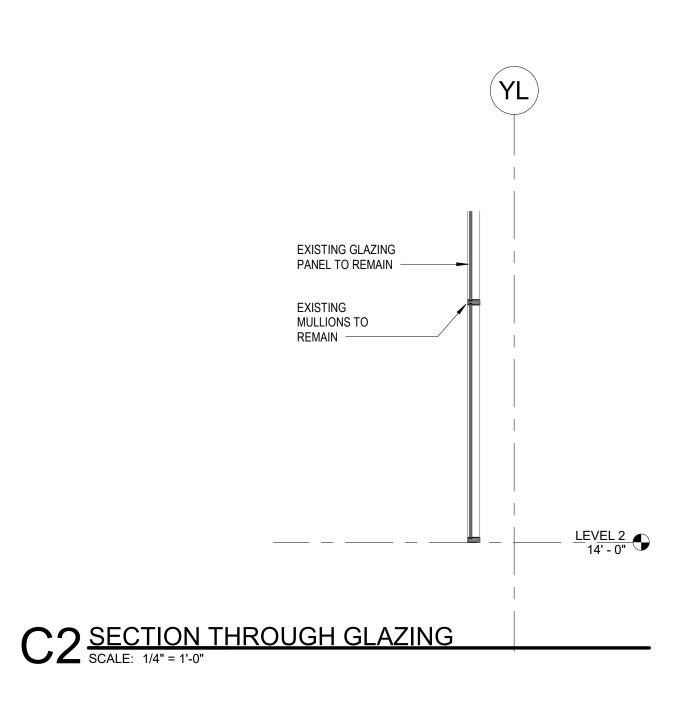
### DEMOLITION LEGEND



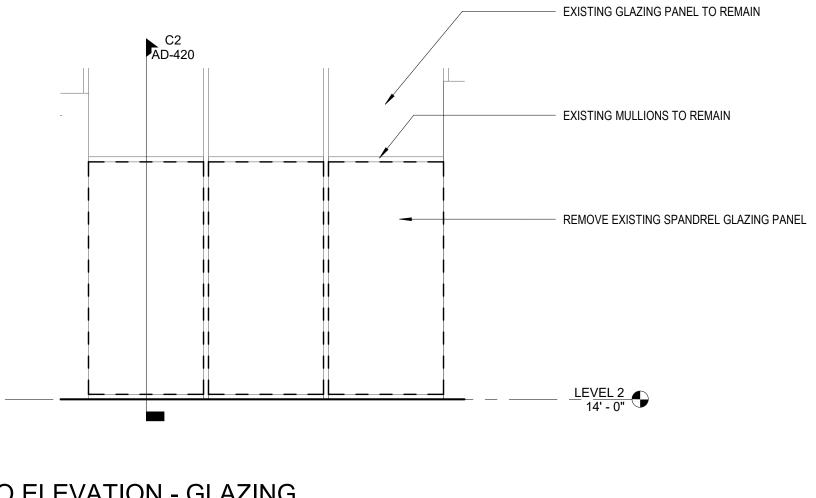


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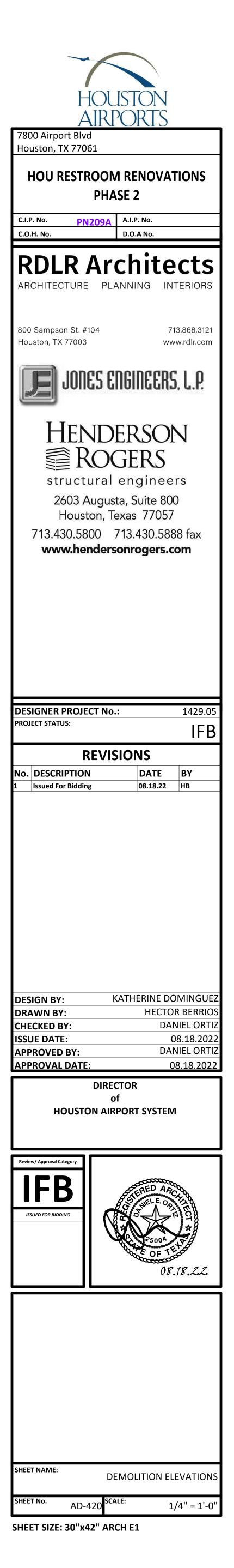
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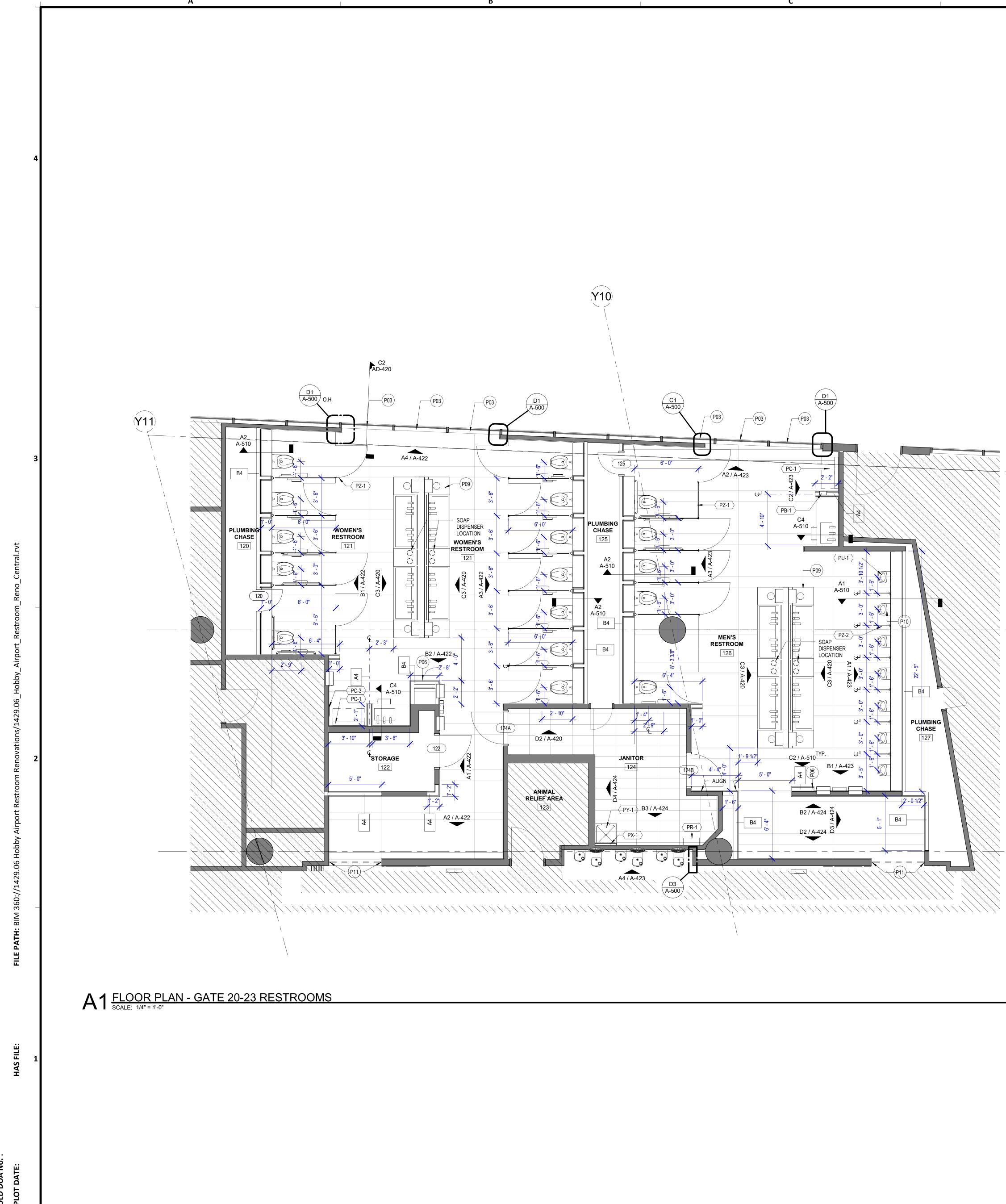






D2 DEMO ELEVATION - GLAZING SCALE: 1/4" = 1'-0"





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### 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 PATITION 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 PARITIONS & TOILET ACCESSORIES.
- REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
- INSTALL CEMENT BAORD FOR INSTALLATION OF NEW TILE.
- 7. EXISTING HM FRAME TO BE PAINTED.

#### **KEYNOTE LEGEND - PLANS** KEY VALUE KEYNOTE TEXT

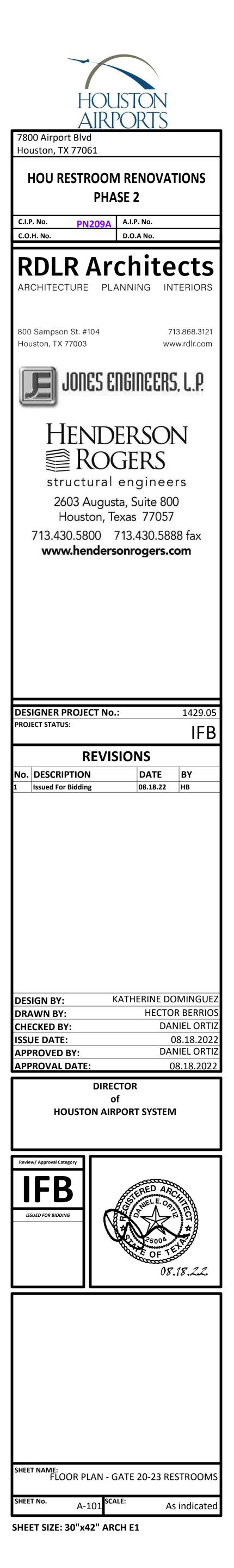
P03	INFILL EXTERIOR CURTAIN WALL WITH NEW GLAZING PANEL RE: ELEVATIONS
P06	CUSTOMER SERVICE IPAD DOCKING STATION. RE: C2/A-420 FOR TYPICAL ELEVATION.
P09	NEW SINK ISLANDS TO BE CENTERED OVER EXISTING PLUMBING
P10	URINALS TO BE CENTERED IN WALL PANEL PATTERN, TYP. RE: ELEVATIONS. RELOCATE PLUMBING LINES AS REQ'D.
P11	RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH

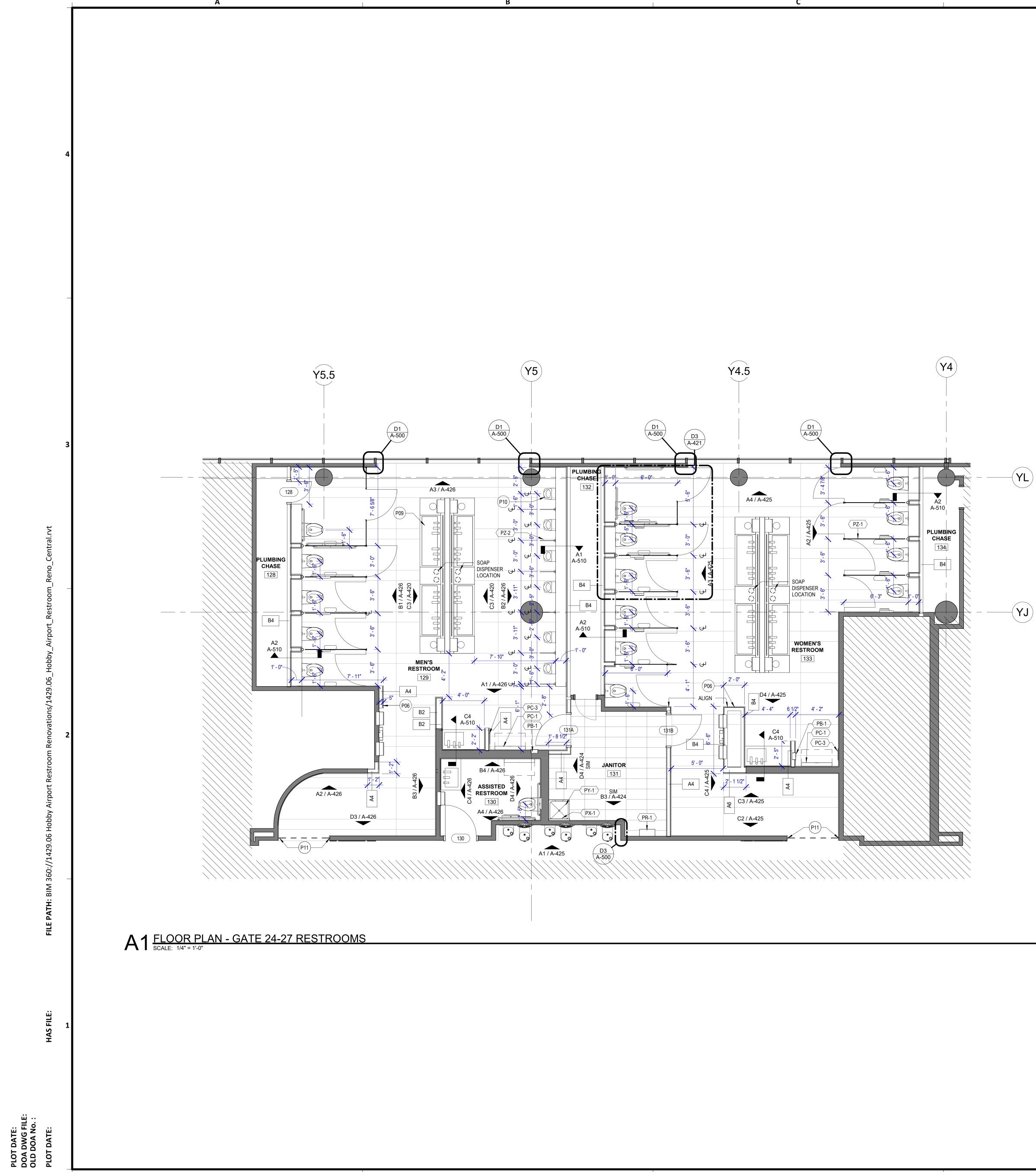
### TOILET ACCESSORIES

PB-1	KOALA KARE BED LINER DISPENSER KB134-SSLD
PB-2	TORK HAND SANITIZER 466100
PC-1	KOALA CARE BABY CHANGING STATION KB110-SSRE
PC-2	KOALA CARE CHILD SEAT KB102-00
PC-3	BRADLEY WASTE RECEPTACLE 315-35
PE-1	TORK TOILET SEAT COVER DISPENSER 1951001
PF-1	THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H
PF-2	THE SPLASH LAB RIBBON TSL.R.020.CS.H
PG-1	BOBRICK 42" GRAB BAR B-5806
PG-2	BOBRICK 36" GRAB BAR B-5806
PI-1	TORK TOILET TISSUE DISPENSER 465500
PJ-1	CARVART COAT HOOK
PK-1	TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
PK-2	TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
PL-3	HEIGHT ADJUSTABLE WASH BIN
PM-1	CARVART FRAMELESS LED MIRROR
PM-2	CARVART FLOATING MIRROR
PN-1	BOBRICK SANITARY NAPKIN DISPOSAL B-254
PO-1	THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS
PP-1	TORK AUTO PAPER TOWEL AND WASTE 309051
PP-2	BOBRICK WASTE RECEPTACLE B-3644
PP-3	WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
PR-1	BOBRICK B-5806X24 STRAIGHT GRAB BAR
TF-1	TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
PW-1	TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN
PZ-1	TOILET PARTITION RE: MATERIAL LEGEND
PZ-2	TOILET PARTITION RE: MATERIAL LEGEND
PH-1	STEP 'N WASH SNW-SS 975B
PX-1	BOBRICK B-223

### PLUMBING FIXTURES

- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- 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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### 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 PATITION TYPES & FIRESAFING DETAILS 1.

- ALL LOCATIONS OF ELECTRICAL DEVICES SHALL BE VERIFIED IN THE FIELD WITH THE ARCHITECT PRIOR TO ROUGH-IN.
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- PROVIDE BLOCKING AS REQUIRED FOR PARITIONS & TOILET ACCESSORIES.
- REFRAME WALL AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAINS.
- 6. INSTALL CEMENT BAORD FOR INSTALLATION OF NEW TILE.
- 7. EXISTING HM FRAME TO BE PAINTED.

#### **KEYNOTE LEGEND - PLANS** KEYNOTE TEXT KEY VALUE CUSTOMER SERVICE IPAD DOCKING STATION. RE: C2/A-420 FOR P06 TYPICAL ELEVATION. NEW SINK ISLANDS TO BE CENTERED OVER EXISTING PLUMBING URINALS TO BE CENTERED IN WALL PANEL PATTERN, TYP. RE: ELEVATIONS. RELOCATE PLUMBING LINES AS REQ'D. P10 RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH

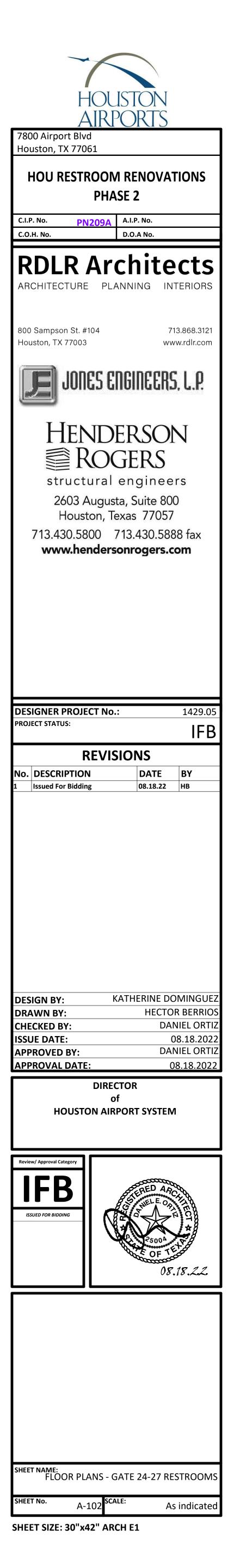
### TOILET ACCESSORIES

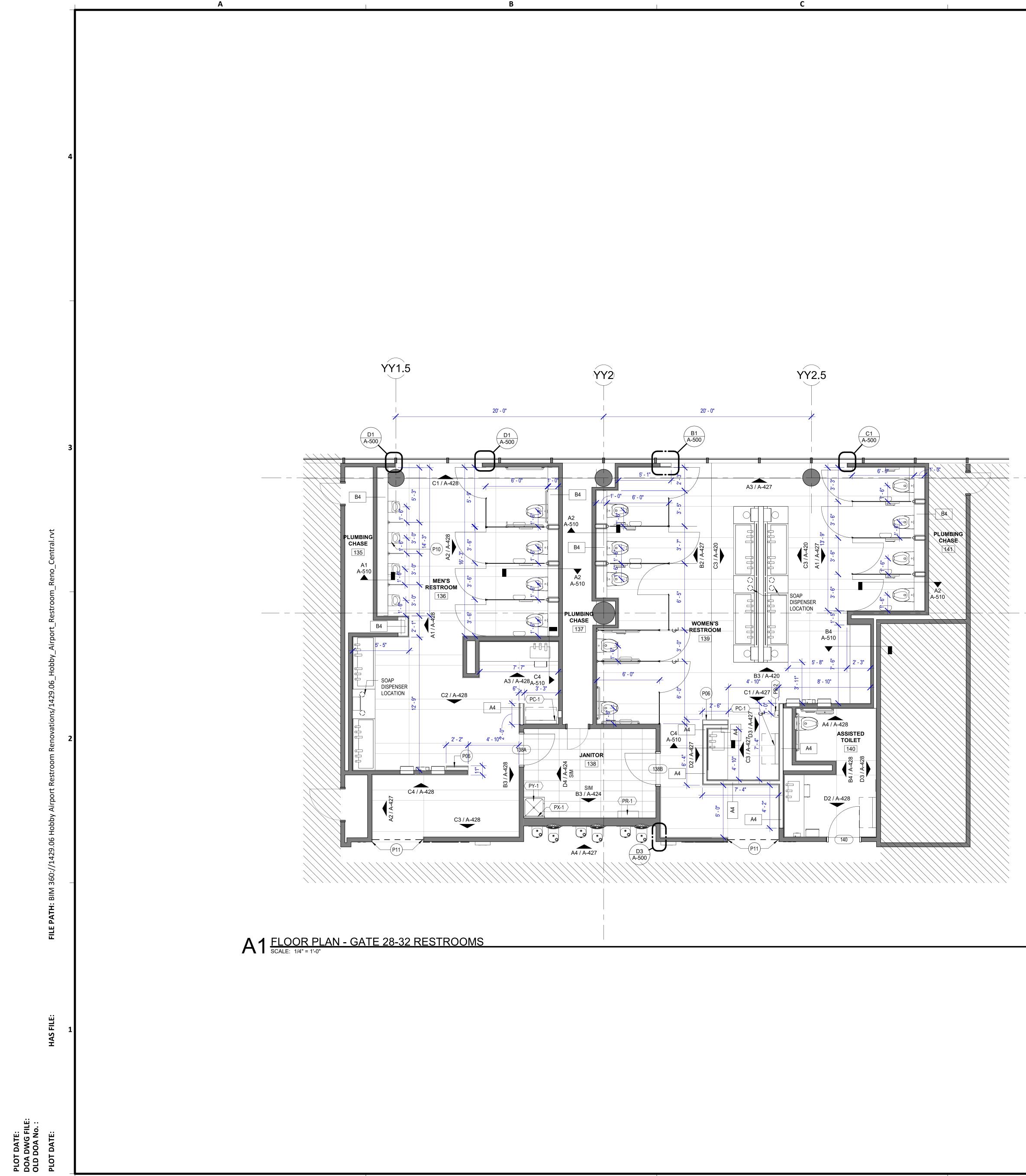
PB-1	KOALA KARE BED LINER DISPENSER KB134-SSLD
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PU-1	TOTO WALL MOUNTED URINAL UT104EV
PV-1	HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE

**REFILL STATION** PY-1 ZURN MOP SINK 1996-24





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### FLOOR PLAN GENERAL NOTES

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- INSTALL CEMENT BAORD FOR INSTALLATION OF NEW TILE.
- EXISTING HM FRAME TO BE PAINTED.

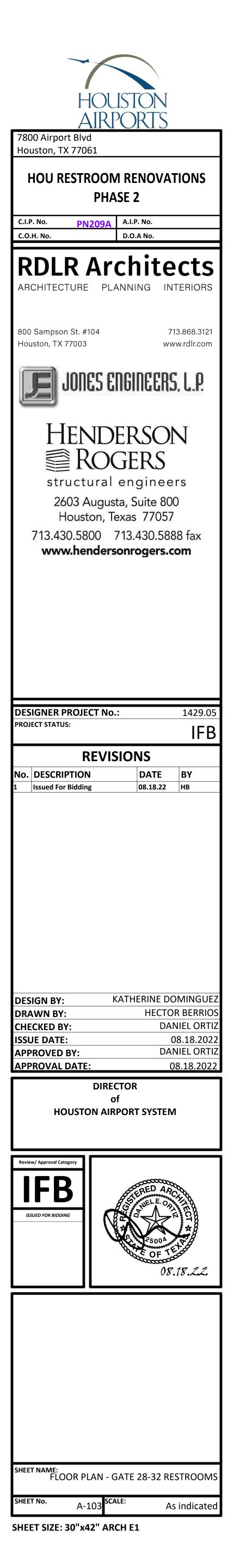
K	EYNOTE LEGEND - PLANS
KEY VALUE	KEYNOTE TEXT
	•
P06	CUSTOMER SERVICE IPAD DOCKING STATION. RE: C2/A-420 FOR TYPICAL ELEVATION.
P10	URINALS TO BE CENTERED IN WALL PANEL PATTERN, TYP. RE: ELEVATIONS. RELOCATE PLUMBING LINES AS REQ'D.
P11	RECESSED WALL MOUNTED BELT STANCHION AND CLOSURE LATCH

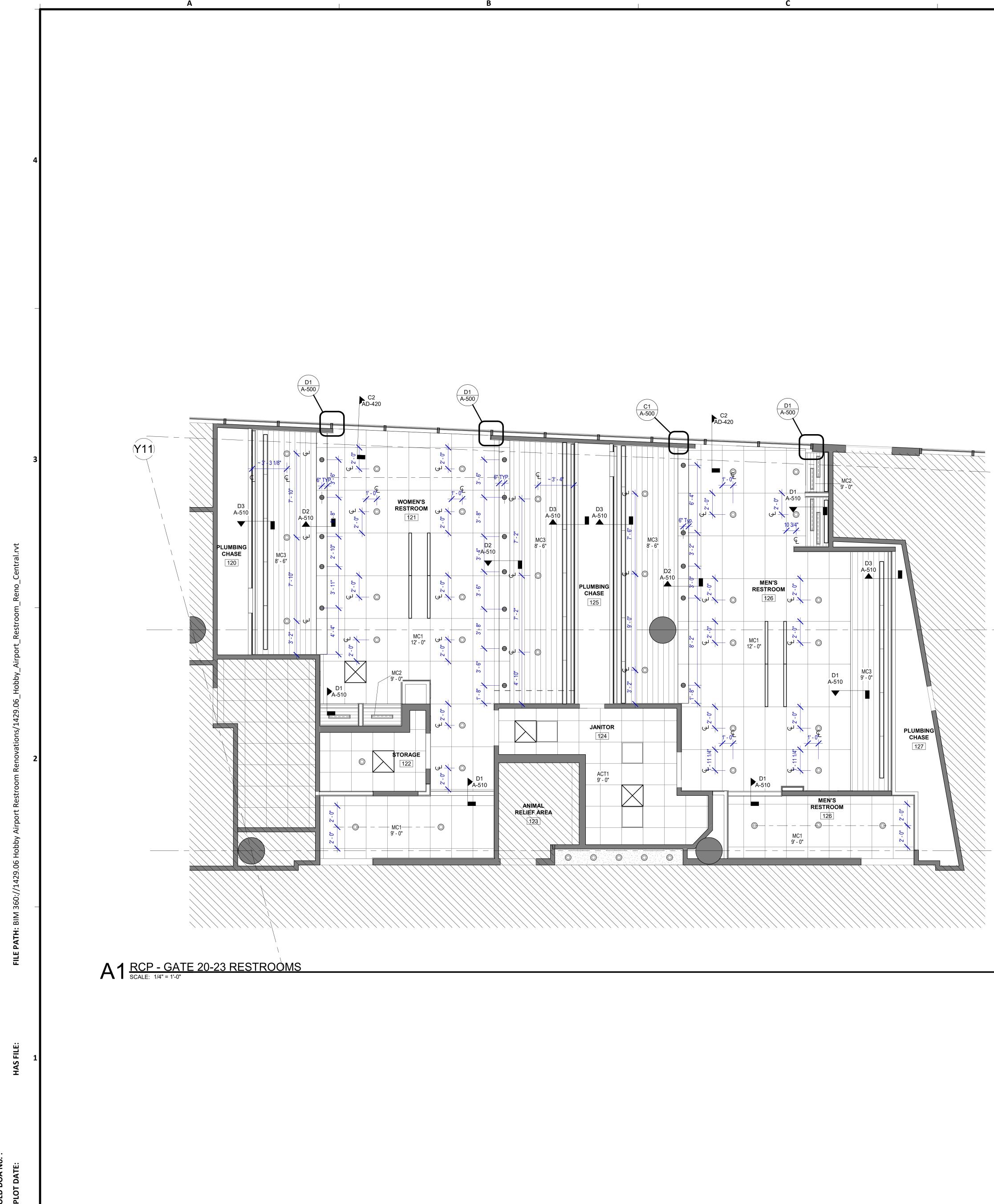
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- PY-1 ZURN MOP SINK 1996-24





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### RCP GENERAL NOTES

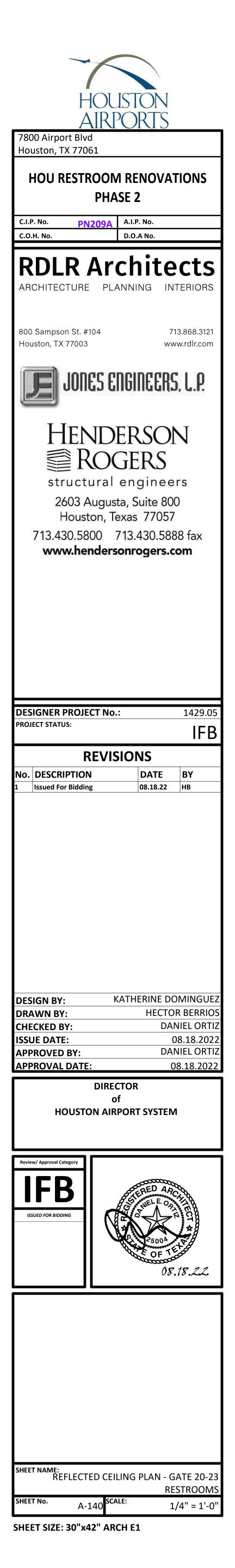
- REFER TO G-003 FOR LIGHTING GENERAL NOTES 1.
- REFER TO SHEET A-600 FOR MATERIAL LEGEND 2.

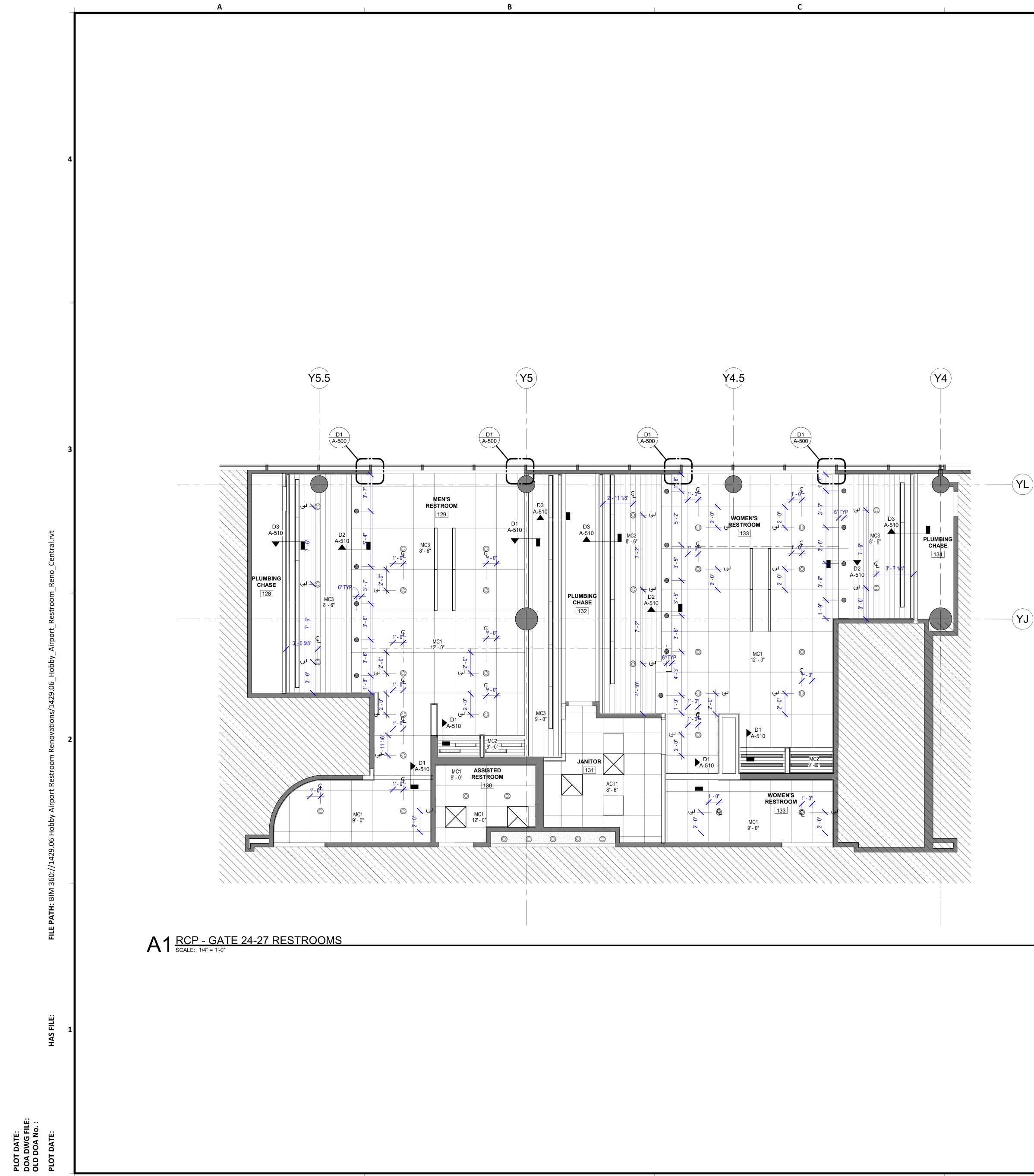
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- FIELD VERIFY ALL CONDITIONS AND REPORT ANY DISCREPENCIES TO ARCHITECT BEFORE WORK COMMENCES
- ALL LIGHT FIXTURES & SPRINKLERS NOT LOCATED BY DIMENSIONS ARE TO BE CENTERED IN CEILING TILES, CENTER FIXTURE IN ROOM UNLESS NOTED.
- PATCH, REPAIR & REFINISH 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
Ø	ROUND RECESSED CAN LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
	DECORATIVE LINEAR LIGHT FIXTURE
	NEW 2'x2' TROFFER LIGHT FIXTURE
	NEW PARTITION
	EXISTING PARTITION TO REMAIN
	SUPPLY/EXHAUST LINEAR AIR DEVICE
lacksquare	SMART STALL OCCUPANCY LIGHTS
	SUPPLY AIR DEVICE
	EXAHUST GRILLE
	MC1
	MC3
	MC2





### RCP GENERAL NOTES

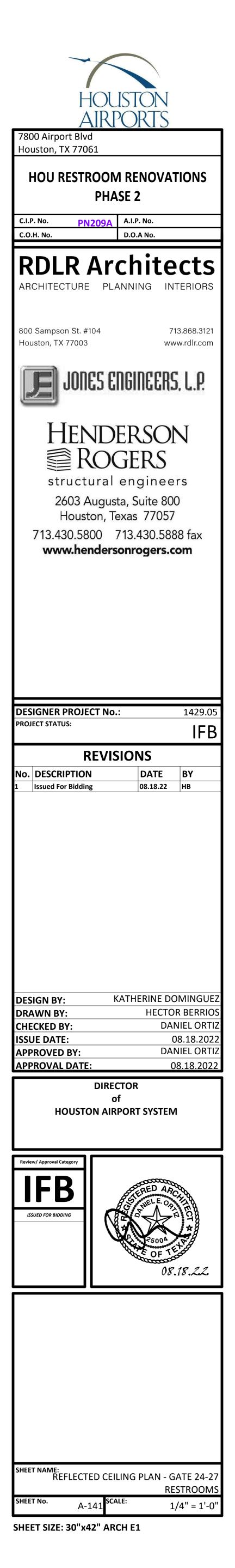
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- 2. REFER TO SHEET A-600 FOR MATERIAL LEGEND

4

- FIELD VERIFY ALL CONDITIONS AND REPORT ANY DISCREPENCIES TO ARCHITECT BEFORE WORK COMMENCES 3
- 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 5.
- ALL FIXTURES, EQUIPMENT, FURNITURE, AND FINISHES TO BE HAS RESTROOMS STANDARD, U.N.O; VERIFY WITH OWNER 6.

# REFLECTED CEILING PLAN LEGEND

	GYP. BD. CEILING
$\bigcirc$	ROUND RECESSED CAN LIGHT FIXTURE
	LINEAR RECESSED LIGHT FIXTURE
<b></b>	DECORATIVE LINEAR LIGHT FIXTURE
	NEW 2'x2' TROFFER LIGHT FIXTURE
	NEW PARTITION
	EXISTING PARTITION TO REMAIN
	SUPPLY/EXHAUST LINEAR AIR DEVICE
ightarrow	SMART STALL OCCUPANCY LIGHTS
	SUPPLY AIR DEVICE
	EXAHUST GRILLE
	MC1
	MC3
	MC2





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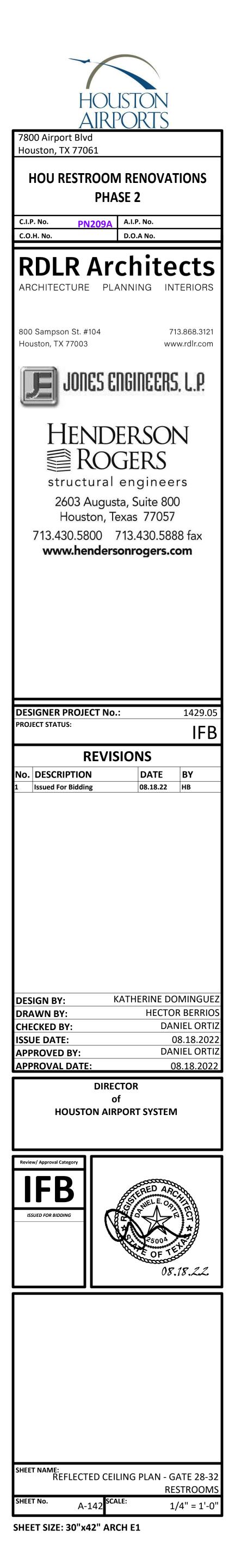
### RCP GENERAL NOTES

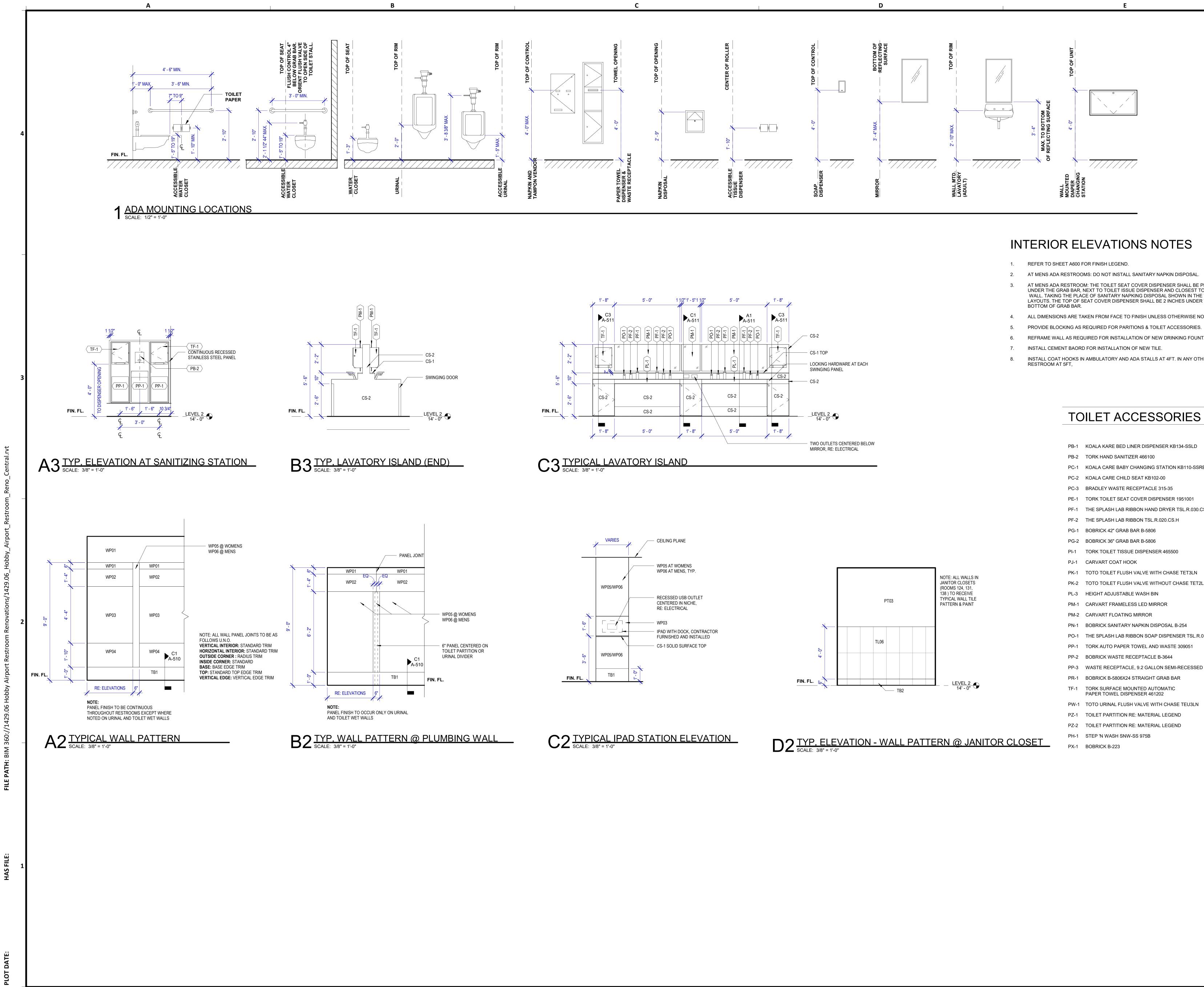
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### REFLECTED CEILING PLAN LEGEND

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

D





### INTERIOR ELEVATIONS NOTES

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

### TOILET ACCESSORIES

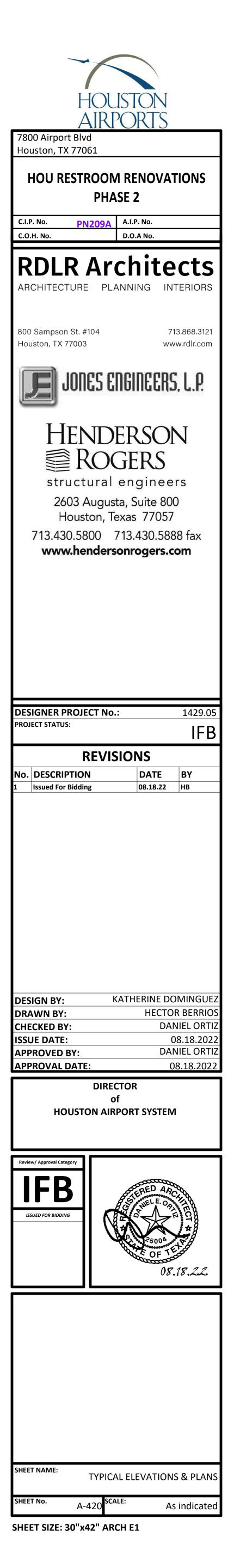
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PC-1 KOALA CARE BABY CHANGING STATION KB110-SSRE

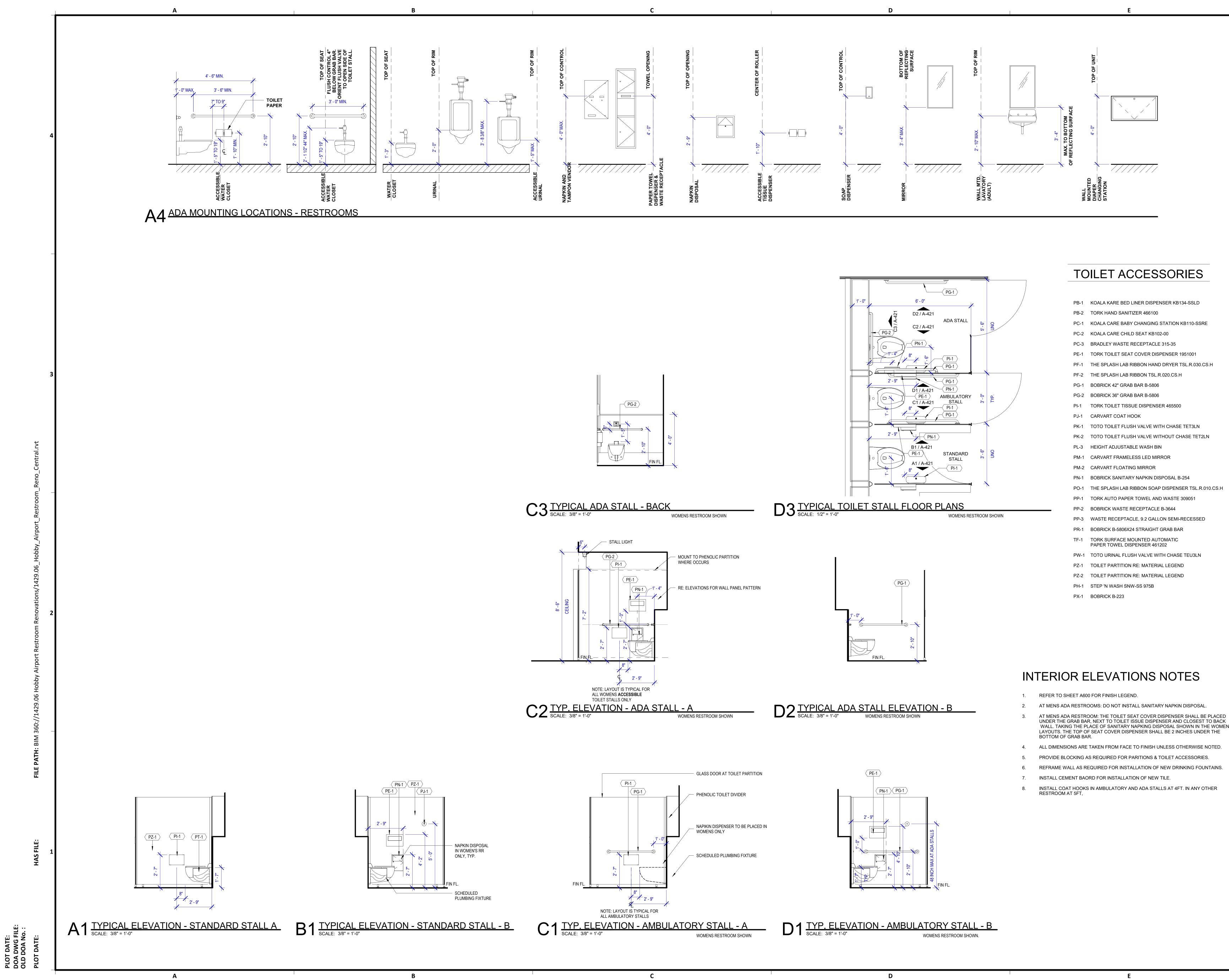
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H

- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN

- PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.H

- PW-1 TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND





### **TOILET ACCESSORIES**

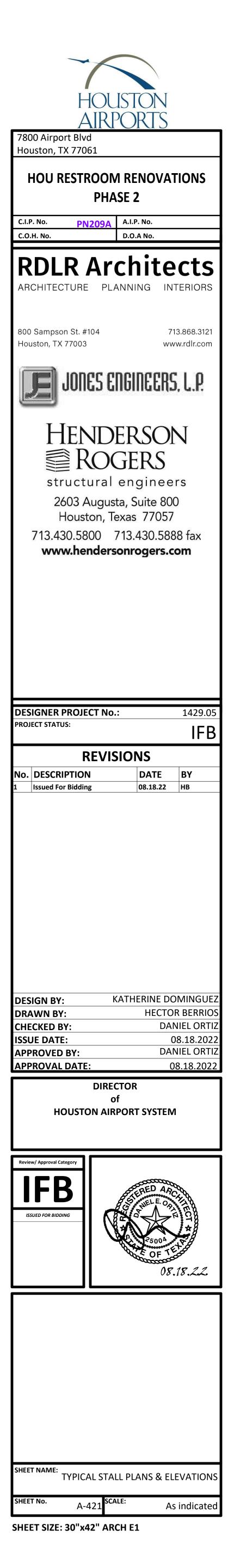
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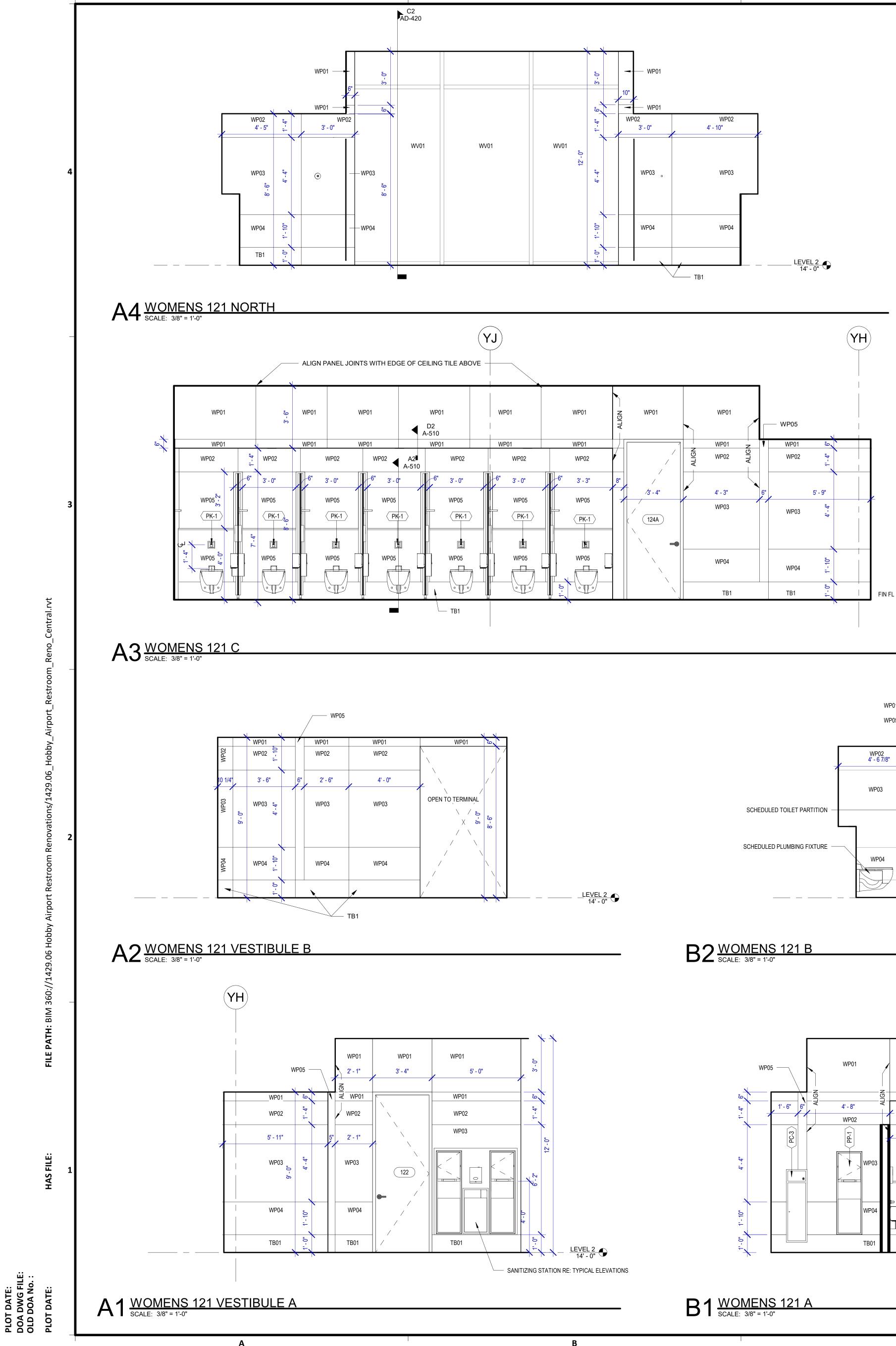
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN

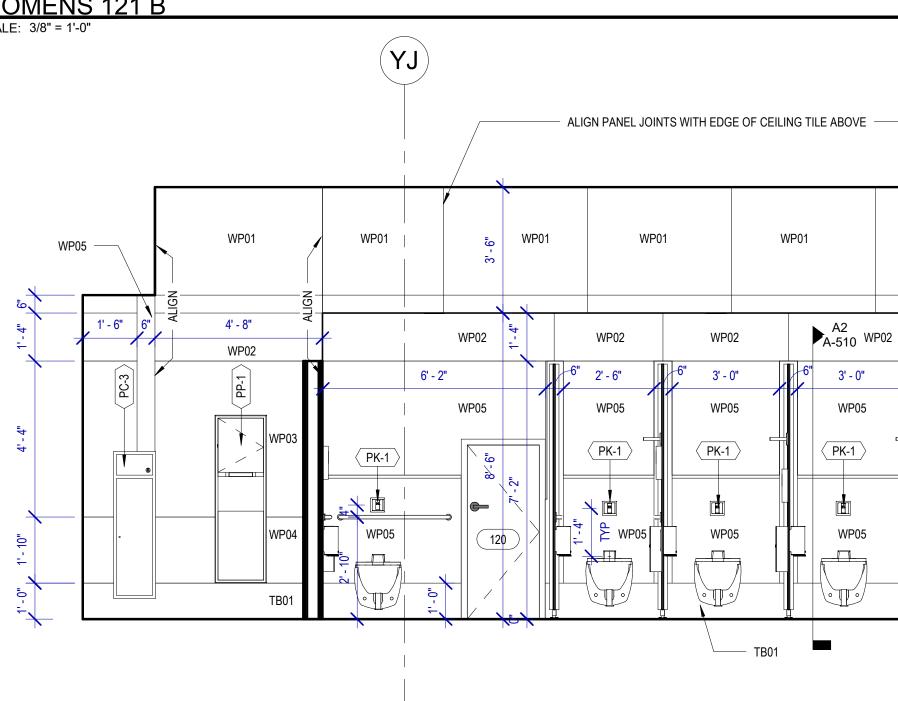
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.H
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- PW-1 TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND

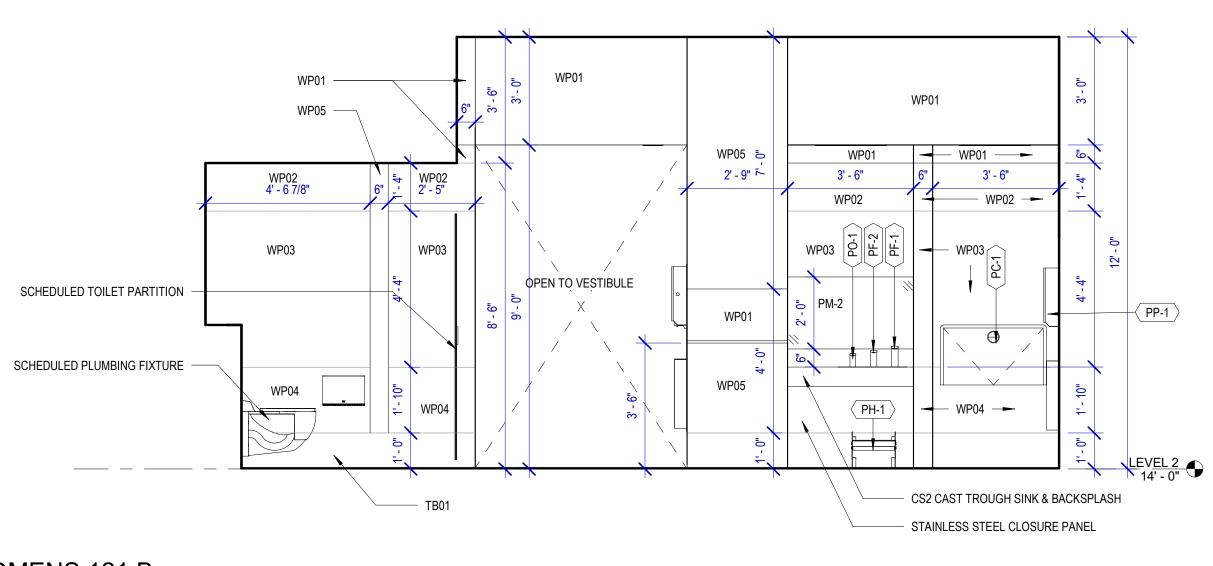
### **INTERIOR ELEVATIONS NOTES**

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









### PLUMBING FIXTURES

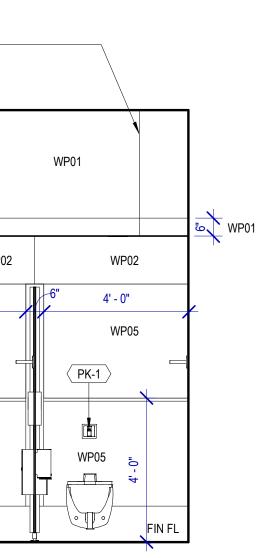
- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE REFILL STATION
- PY-1 ZURN MOP SINK 1996-24

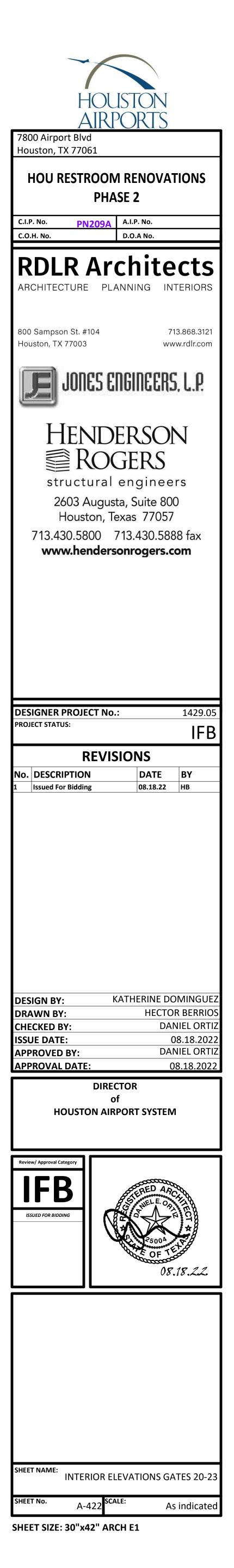
### TOILET ACCESSORIES

- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 TORK HAND SANITIZER 466100
- PC-1 KOALA CARE BABY CHANGING STATION KB110-SSRE
- PC-2 KOALA CARE CHILD SEAT KB102-00
- PC-3 BRADLEY WASTE RECEPTACLE 315-35
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001 PF-1 THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H
- PF-2 THE SPLASH LAB RIBBON TSL.R.020.CS.H
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 CARVART COAT HOOK
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PL-3 HEIGHT ADJUSTABLE WASH BIN
- PM-1 CARVART FRAMELESS LED MIRROR
- PM-2 CARVART FLOATING MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254 PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.H
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B
- PX-1 BOBRICK B-223

### INTERIOR ELEVATIONS NOTES

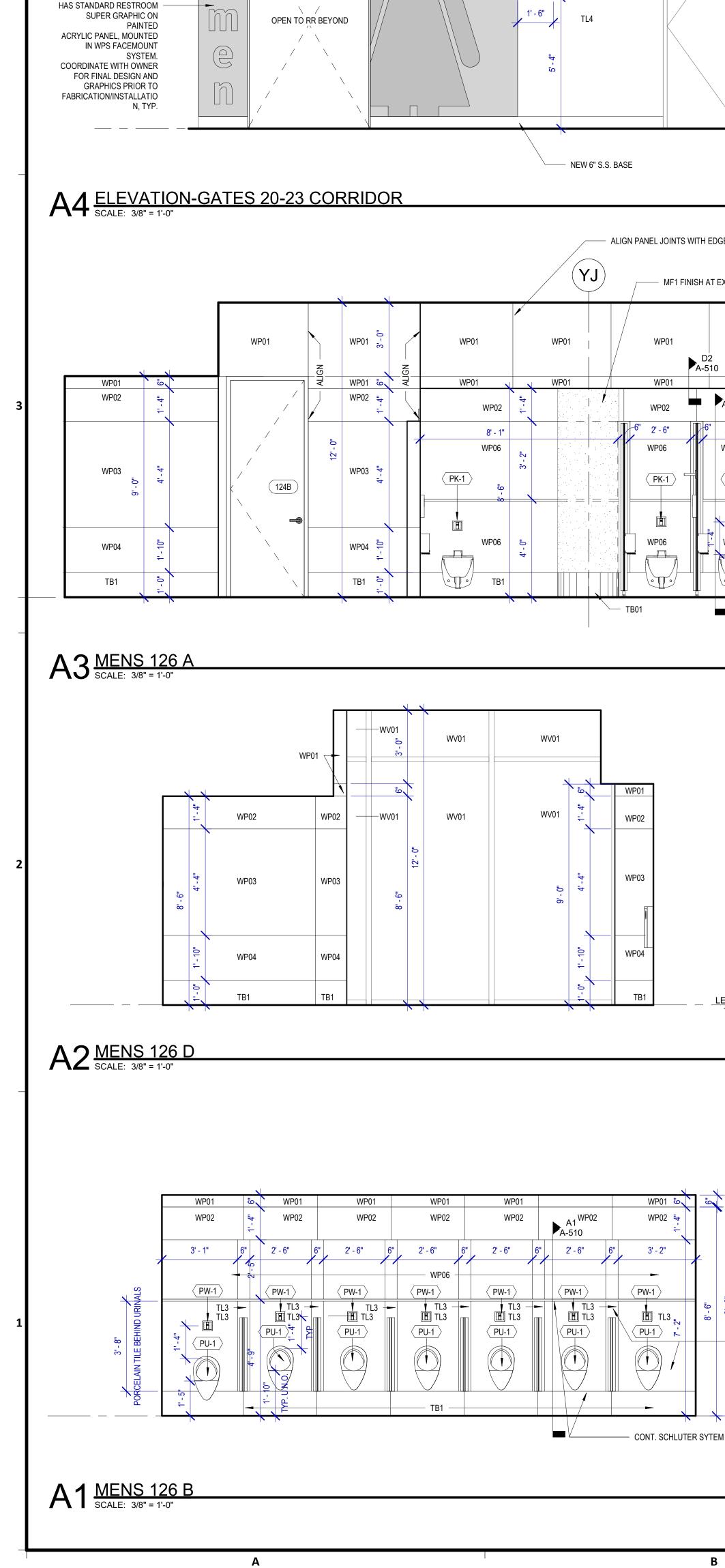
- 1. REFER TO SHEET A600 FOR FINISH LEGEND.
- AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
- AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED 3 UNDER THE GRAB BAR, NEXT TO TOILET ISSUE DISPENSER AND CLOSEST TO BACK WALL. TAKING THE PLACE OF SANITARY NAPKING DISPOSAL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











EXISTING SIGNAGE, RE: IDENTIFICATION SIGNAGE NOTES, TYP. 

F2 ACRYLIC SIGNAGE

F3 ACRYLIC SIGNAGE

IN L5 LETTERING

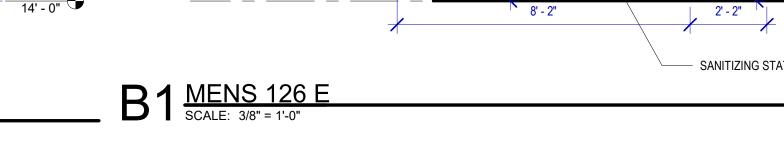
- DS3 PROVIDE POWER AND DATA

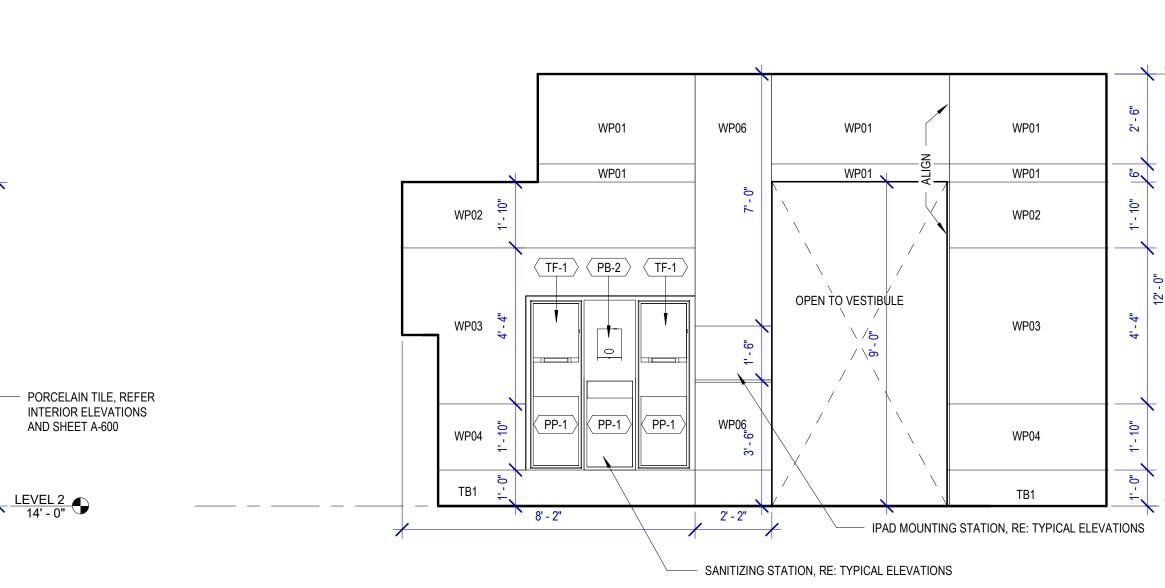
ELECTRICAL DRAWINGS.

- DS1 DIGITAL SIGNAGE

COVERPLATE BEHIND DISPLAY TO BE

\_\_FLUSH WITH WALL FINISH AND ABOVE \_\_



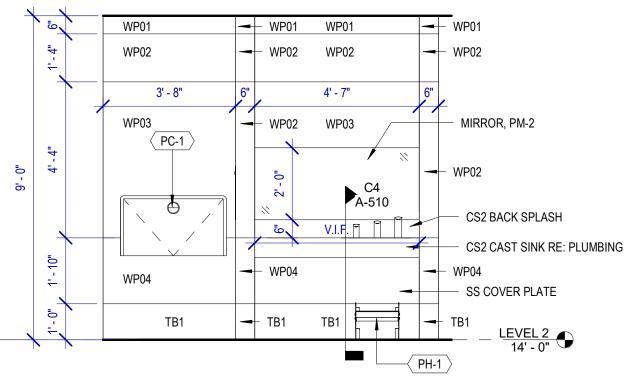


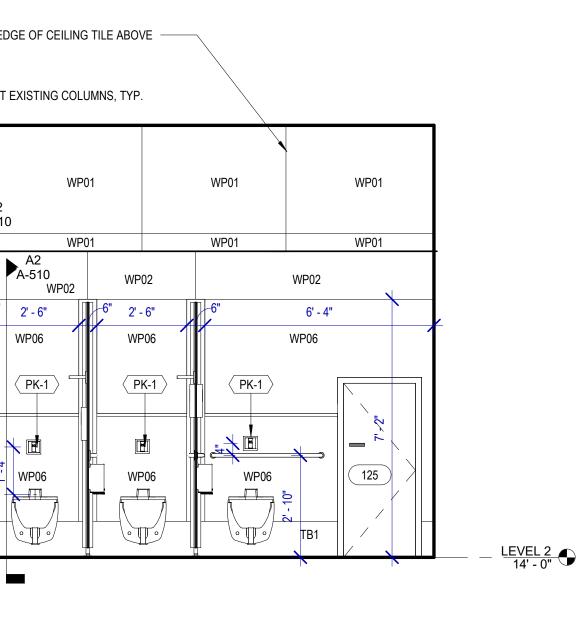
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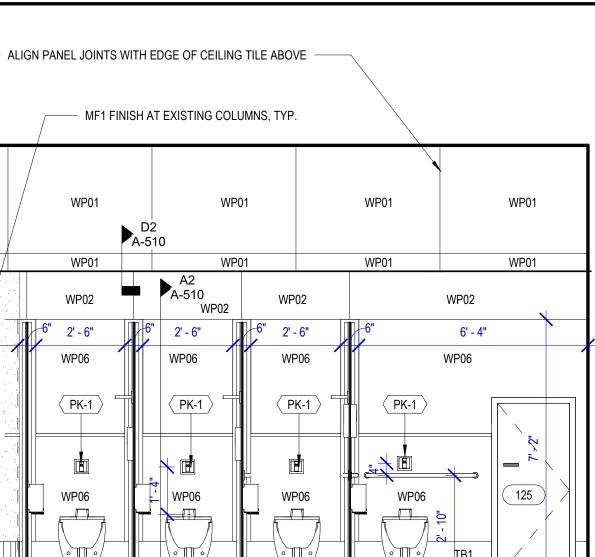


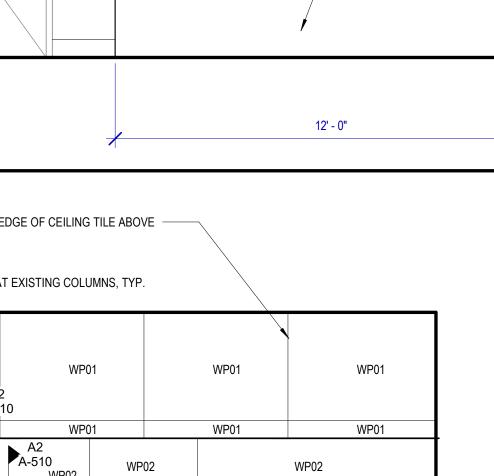


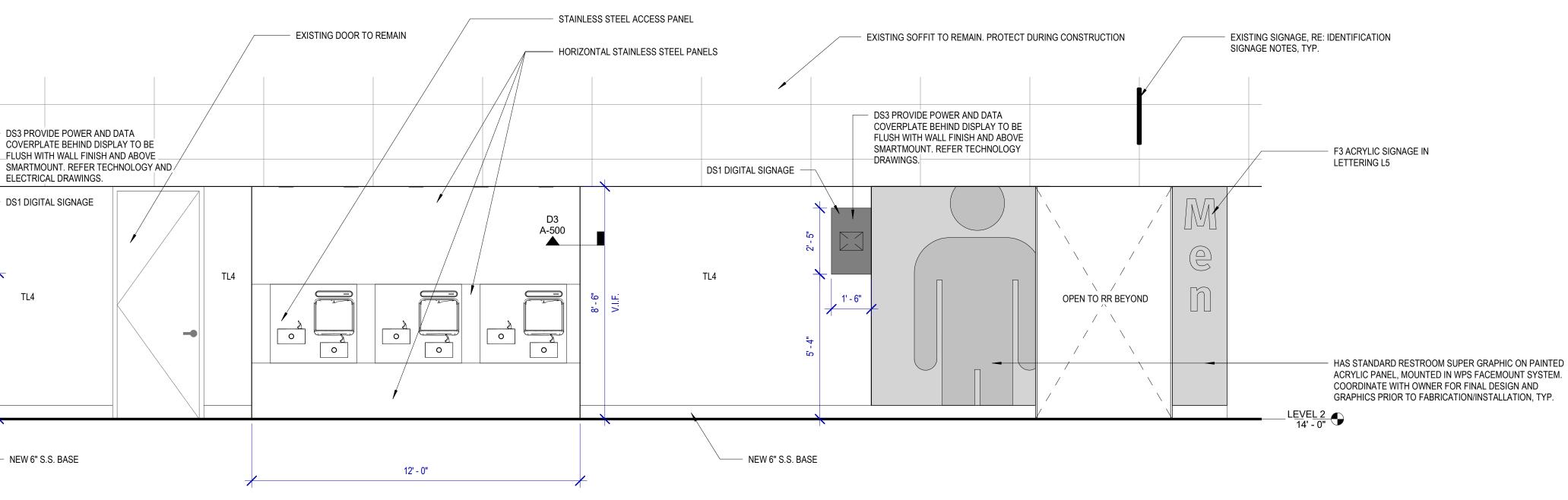
В















### TOILET ACCESSORIES

PB-1	KOALA KARE BED LINER DISPENSER KB134-SSLD
PB-2	TORK HAND SANITIZER 466100
PC-1	KOALA CARE BABY CHANGING STATION KB110-SSRE
PC-2	KOALA CARE CHILD SEAT KB102-00
PC-3	BRADLEY WASTE RECEPTACLE 315-35
PE-1	TORK TOILET SEAT COVER DISPENSER 1951001
PF-1	THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H
PF-2	THE SPLASH LAB RIBBON TSL.R.020.CS.H
PG-1	BOBRICK 42" GRAB BAR B-5806
PG-2	BOBRICK 36" GRAB BAR B-5806
PI-1	TORK TOILET TISSUE DISPENSER 465500
PJ-1	CARVART COAT HOOK
PK-1	TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
PK-2	TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
PL-3	HEIGHT ADJUSTABLE WASH BIN
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PN-1	BOBRICK SANITARY NAPKIN DISPOSAL B-254
PO-1	THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS
PP-1	TORK AUTO PAPER TOWEL AND WASTE 309051
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PP-3	WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
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PZ-1	TOILET PARTITION RE: MATERIAL LEGEND
PZ-2	TOILET PARTITION RE: MATERIAL LEGEND
PH-1	STEP 'N WASH SNW-SS 975B
PX-1	BOBRICK B-223

### PLUMBING FIXTURES

- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- 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

#### **DESIGN INTENT NOTES:**

- F1 PAINTED ACRYLIC BACKGROUND AREAS: BACKGROUND AREAS TO BE PAINTED WITH SOLID SATIN FINISH COLOR AS SHOWN.
- F2 PAINTED ACRYLIC LETTERS: PRECISION CUT AND PAINT LETTERS WITH SATIN COLOR TO MATCH AS
- SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S KERNING SETTING). APPLIED TO FINISH FACE OF F1. PAINTED ACRYLIC LETTERS: PRECISION CUT AND F3 PAINT LETTERS WITH SATIN COLOR TO MATCH AS SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S KERNING SETTING). APPLIED TO FINISH FACE OF F1.

#### ADDITIONAL NOTES:

- FIELD VERIFICATION: FABRICATOR TO FIELD VERIFY ALL INSTALLATION CONDITIONS AT EACH LOCATION AND DETERMINE THE APPROPRIATE FABRICATION/INSTALLATION METHODS AND MATERIALS TO BE USED AS CONDITIONS REQUIRE (TO BE COORDINATED WITH AND APPROVED BY HAS PRIOR TO FABRICATION AND INSTALLATION). INSTALLATION: FABRICATOR TO COORDINATED
- INSTALLATION OF ACRYLIC PANELS WITH WALL PANEL SYSTEMS, FACEMOUNT SYSTEM AND MOUNTING REQUIREMENTS PRIOR TO FABRICATION.MOCK-UP OF ACRYLIC PANELS IN INSTALLATION SYSTEM TO BE
- APPROVED BY HAS PRIOR TO FABRICATION AND INSTALLATION.
- LETTERING (TYPEFACES)/SYMBOLS/ARROWS: PEDESTRIAN WAYFINDING TYPEFACE: CLEARVIEW L5
- TEXT MEDIUM
- SUPPLEMENTAL TYPEFACE: CLEARVIEW ONE BOOK L6 CONDENSED
- ARROW(S): USE ONLY OFFICIAL HAS WAYFINDING S1 ARROWS
- S2 UNIVERSAL SYMBOLS: USE ONLY OFFICIAL HAS WAYFINDING SYMBOLS
- WATERMARK GRAPHIC: USE ONLY OFFICIAL HAS W1 "GLOBE" VECTOR ART (ART CAN BE EXTRACTED FROM DIGITAL VERSION OF THIS DRAWING)

#### COLORS:

#### NOTES: "D" = DIGITALLY PRINTED COLORS ON 3M 7725-20 WHITE UNLESS OTHERWISE NOTED; "P" = MATTHEWS ACRLIC POLYURETHANE (MAP) PAINT (OR EQUAL), SATIN FINISH; "V" = 3M VINYL FILMS (OR EQUAL); "T" = TACTILE

- V4.1 WHITE: 3M 7725-20 WHITE OPAQUE
- D5 DARK GRAY: PMS 433C
- D7.2 MED. GRAY: PMS 431C
- D17 C BLUE: PMS 300C
- D23 TRAIN YELLOW: PMS 3965C
- D6 MED. DARK GRAY: PMS 432C
- D18 C WATERMARK: PMS 294C
- D24 TRAIN WATERMARK: PMS 3975C

#### DIGITAL SIGNAGE:

- **DS1** SMART RESTROOM DIGITAL SIGNAGE: 32" DISPLAY.
- REFER TO ELECTRICAL AND TELECOM DRAWINGS.

**DS3** PROVIDE POWER OUTLET AND DATA OUTLETS, REFER TO ELECTRICAL AND TELECOM DRAWINGS.

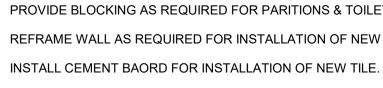
- **IDENTIFICATION SIGNAGE:**1.EXISTING ROOM IDENTIFICATION AND WAYFINDING SIGNAGE TO BE SALVAGED PRIOR TO CONSTRUCTION FOR REINSTALLATION. INCLUDING, BUT NOT LIMITED
- TO, ROOM SIGNS AND BLADE/FIN SIGNS. ALL EXISTING SIGNAGE REMOVED TO BE REVIEWED BY HAS AND THE WAYFINDING DESIGN CONSULTANTS FOR ANY CHANGES OR UPDATES MADE TO THE HAS
- STANDARDS AND GRAPHICS. NEW SIGNAGE REQUIRED PER OWNER TO BE COORDINATED BY THE CONTRACTOR. ALL FINAL DETAILING AND SPECIFICATIONS TO BE PROVIDED BY
- THE CONTRACTOR/FABRICATOR/INSTALLER WITHIN THEIR FINAL APPROVED FABRICATION-READY SHOP DRAWINGS. INSTALLATION OF EXISTING AND NEW SIGNAGE TO BE PER ALL APPLICABLE CODES, TDLR/ADA STANDARDS,

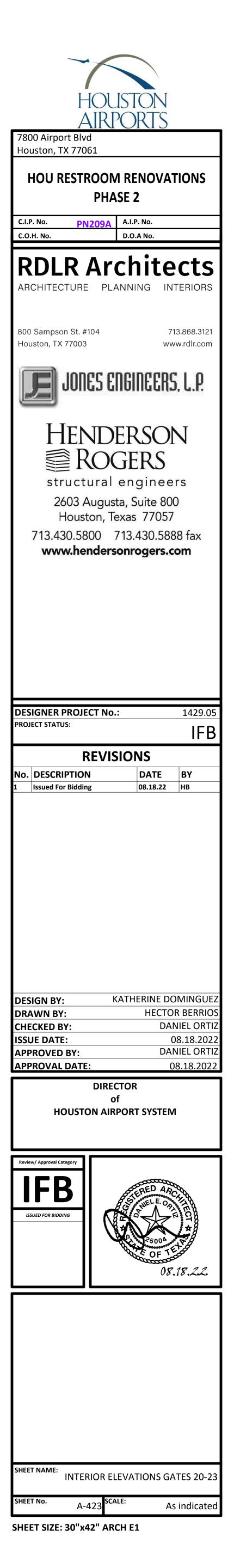
AND HAS STANDARDS.

### **INTERIOR ELEVATIONS NOTES**

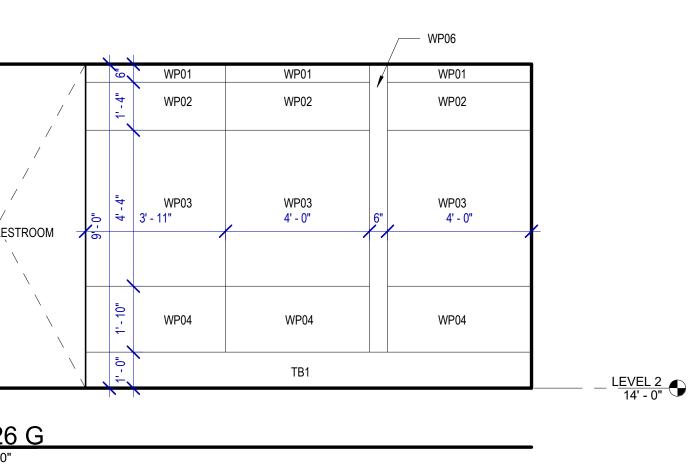
- REFER TO SHEET A600 FOR FINISH LEGEND. 1.
- AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
- AT MENS ADA RESTROOM: THE TOILET SEAT COVER DISPENSER SHALL BE PLACED UNDER THE GRAB BAR, NEXT TO TOILET ISSUE DISPENSER AND CLOSEST TO BACK WALL. TAKING THE PLACE OF SANITARY NAPKING DISPOSAL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

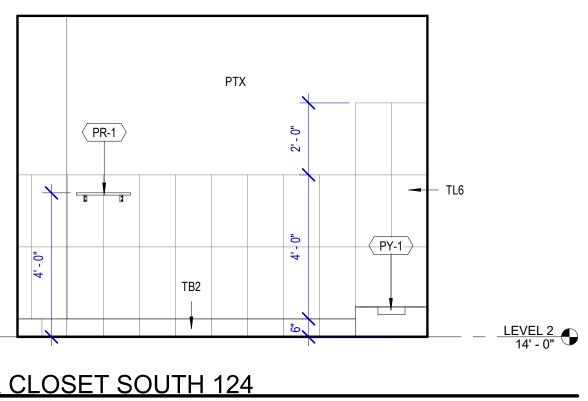
<u>LEVEL 2</u> 14' - 0"

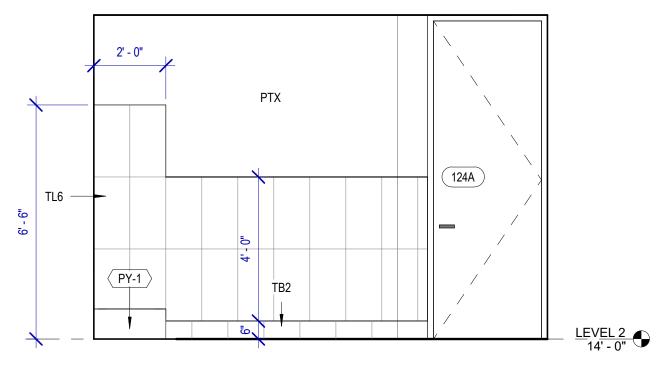




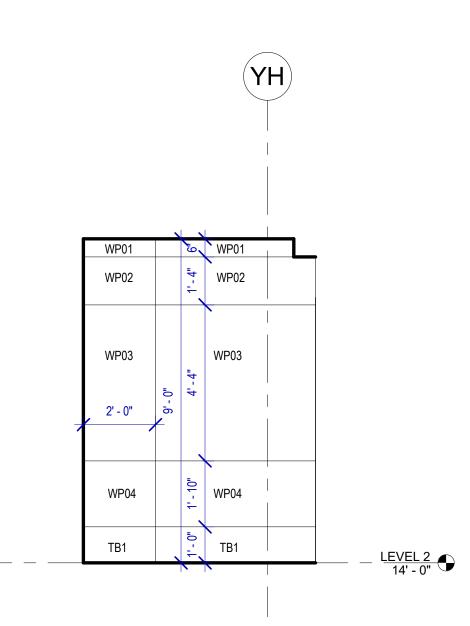
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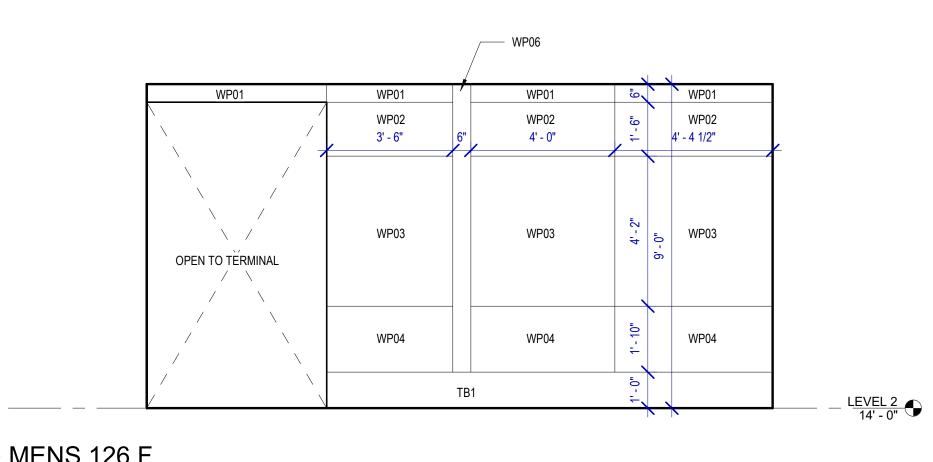




D4 JANITOR CLOSET WEST 124 SCALE: 3/8" = 1'-0"



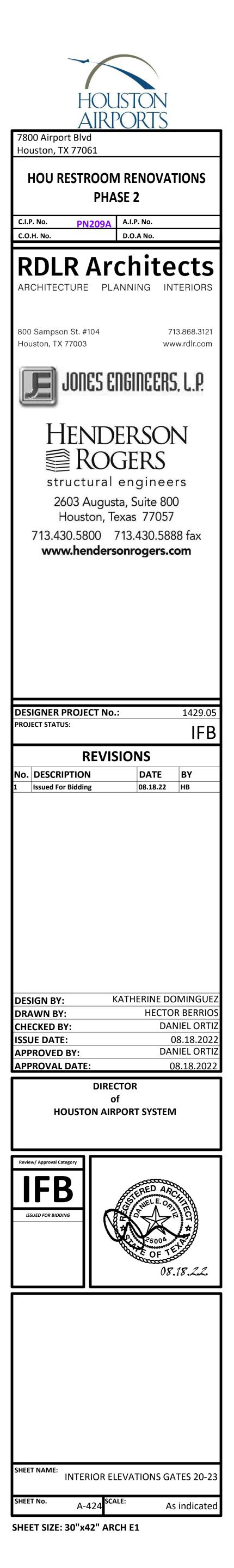
### D3 <u>MENS 126 H</u> SCALE: 3/8" = 1'-0"

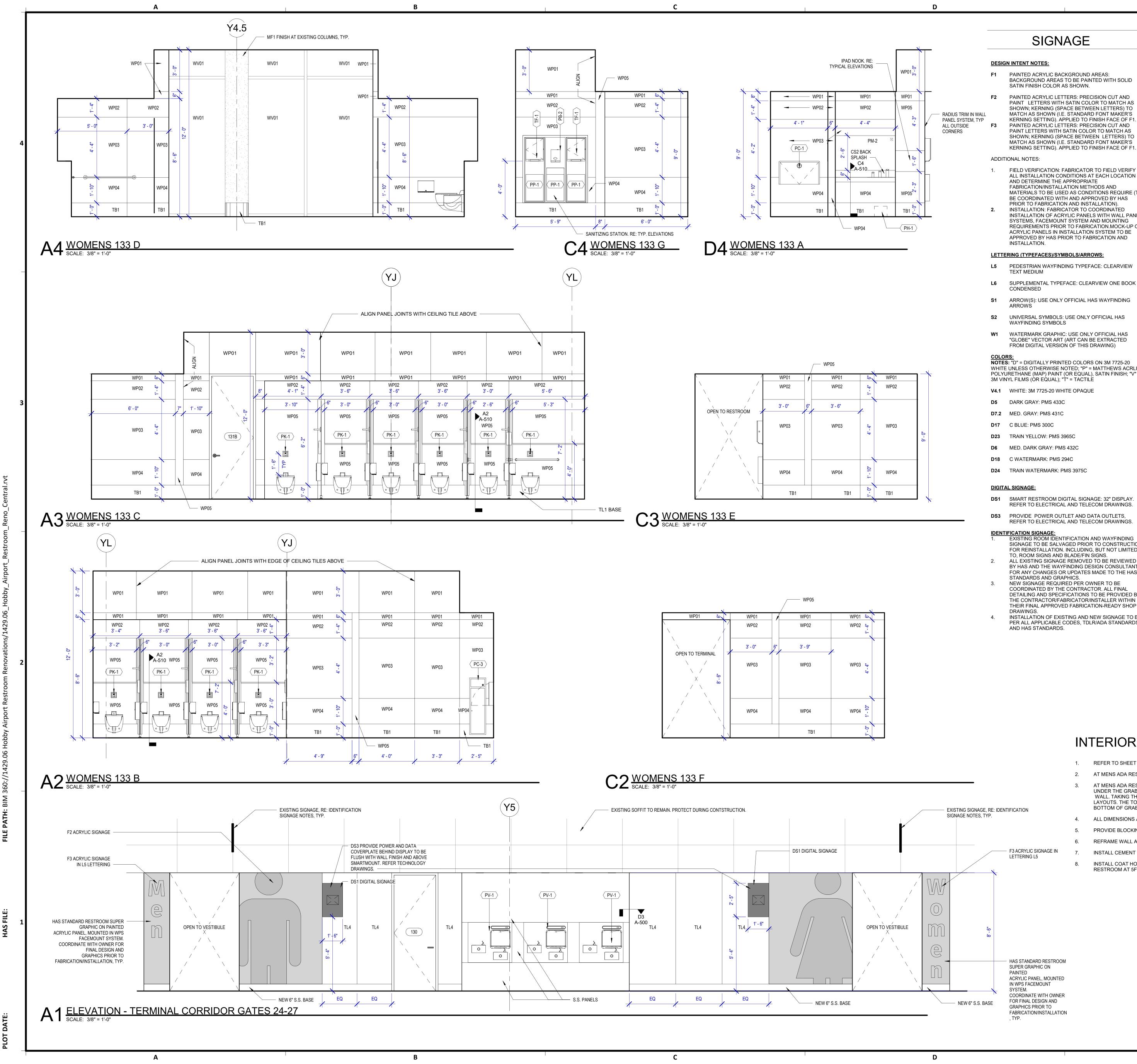


### D2 MENS 126 F SCALE: 3/8" = 1'-0"

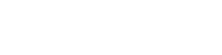
### INTERIOR ELEVATIONS NOTES

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

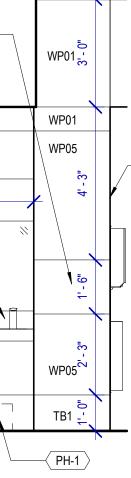




PLOT DATE: DOA DWG FIL OLD DOA No.









- **F1** PAINTED ACRYLIC BACKGROUND AREAS: BACKGROUND AREAS TO BE PAINTED WITH SOLID SATIN FINISH COLOR AS SHOWN.
- PAINTED ACRYLIC LETTERS: PRECISION CUT AND PAINT LETTERS WITH SATIN COLOR TO MATCH AS SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S KERNING SETTING). APPLIED TO FINISH FACE OF F1. PAINTED ACRYLIC LETTERS: PRECISION CUT AND PAINT LETTERS WITH SATIN COLOR TO MATCH AS SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S
- FIELD VERIFICATION: FABRICATOR TO FIELD VERIFY
- AND DETERMINE THE APPROPRIATE FABRICATION/INSTALLATION METHODS AND MATERIALS TO BE USED AS CONDITIONS REQUIRE (TO BE COORDINATED WITH AND APPROVED BY HAS PRIOR TO FABRICATION AND INSTALLATION). INSTALLATION: FABRICATOR TO COORDINATED INSTALLATION OF ACRYLIC PANELS WITH WALL PANEL SYSTEMS, FACEMOUNT SYSTEM AND MOUNTING REQUIREMENTS PRIOR TO FABRICATION.MOCK-UP OF
- ACRYLIC PANELS IN INSTALLATION SYSTEM TO BE APPROVED BY HAS PRIOR TO FABRICATION AND LETTERING (TYPEFACES)/SYMBOLS/ARROWS:
- PEDESTRIAN WAYFINDING TYPEFACE: CLEARVIEW
- L6 SUPPLEMENTAL TYPEFACE: CLEARVIEW ONE BOOK
- ARROW(S): USE ONLY OFFICIAL HAS WAYFINDING
- W1 WATERMARK GRAPHIC: USE ONLY OFFICIAL HAS "GLOBE" VECTOR ART (ART CAN BE EXTRACTED

#### **NOTES:** "D" = DIGITALLY PRINTED COLORS ON 3M 7725-20 WHITE UNLESS OTHERWISE NOTED; "P" = MATTHEWS ACRLIC POLYURETHANE (MAP) PAINT (OR EQUAL), SATIN FINISH; "V" =

- D23 TRAIN YELLOW: PMS 3965C
- D6 MED. DARK GRAY: PMS 432C
- D18 C WATERMARK: PMS 294C
- D24 TRAIN WATERMARK: PMS 3975C

#### DS1 SMART RESTROOM DIGITAL SIGNAGE: 32" DISPLAY. REFER TO ELECTRICAL AND TELECOM DRAWINGS.

**DS3** PROVIDE POWER OUTLET AND DATA OUTLETS, REFER TO ELECTRICAL AND TELECOM DRAWINGS.

EXISTING ROOM IDENTIFICATION AND WAYFINDING

- SIGNAGE TO BE SALVAGED PRIOR TO CONSTRUCTION FOR REINSTALLATION. INCLUDING, BUT NOT LIMITED TO, ROOM SIGNS AND BLADE/FIN SIGNS.
- BY HAS AND THE WAYFINDING DESIGN CONSULTANTS FOR ANY CHANGES OR UPDATES MADE TO THE HAS STANDARDS AND GRAPHICS.
- NEW SIGNAGE REQUIRED PER OWNER TO BE COORDINATED BY THE CONTRACTOR. ALL FINAL DETAILING AND SPECIFICATIONS TO BE PROVIDED BY THE CONTRACTOR/FABRICATOR/INSTALLER WITHIN THEIR FINAL APPROVED FABRICATION-READY SHOP
- INSTALLATION OF EXISTING AND NEW SIGNAGE TO BE PER ALL APPLICABLE CODES, TDLR/ADA STANDARDS, AND HAS STANDARDS.

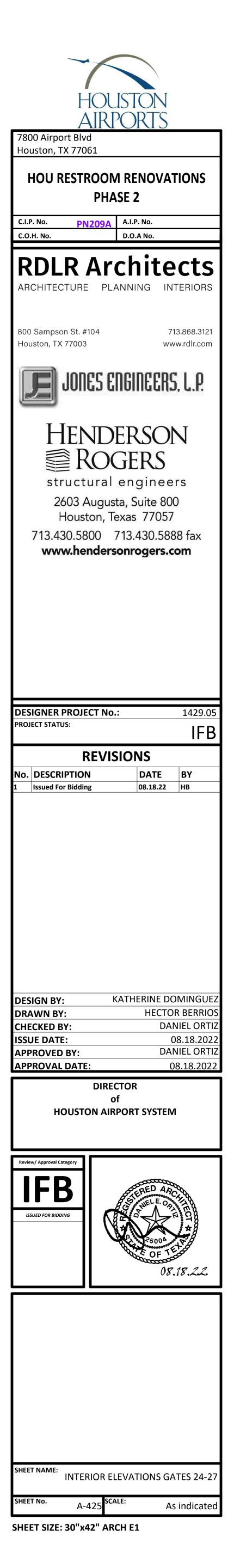


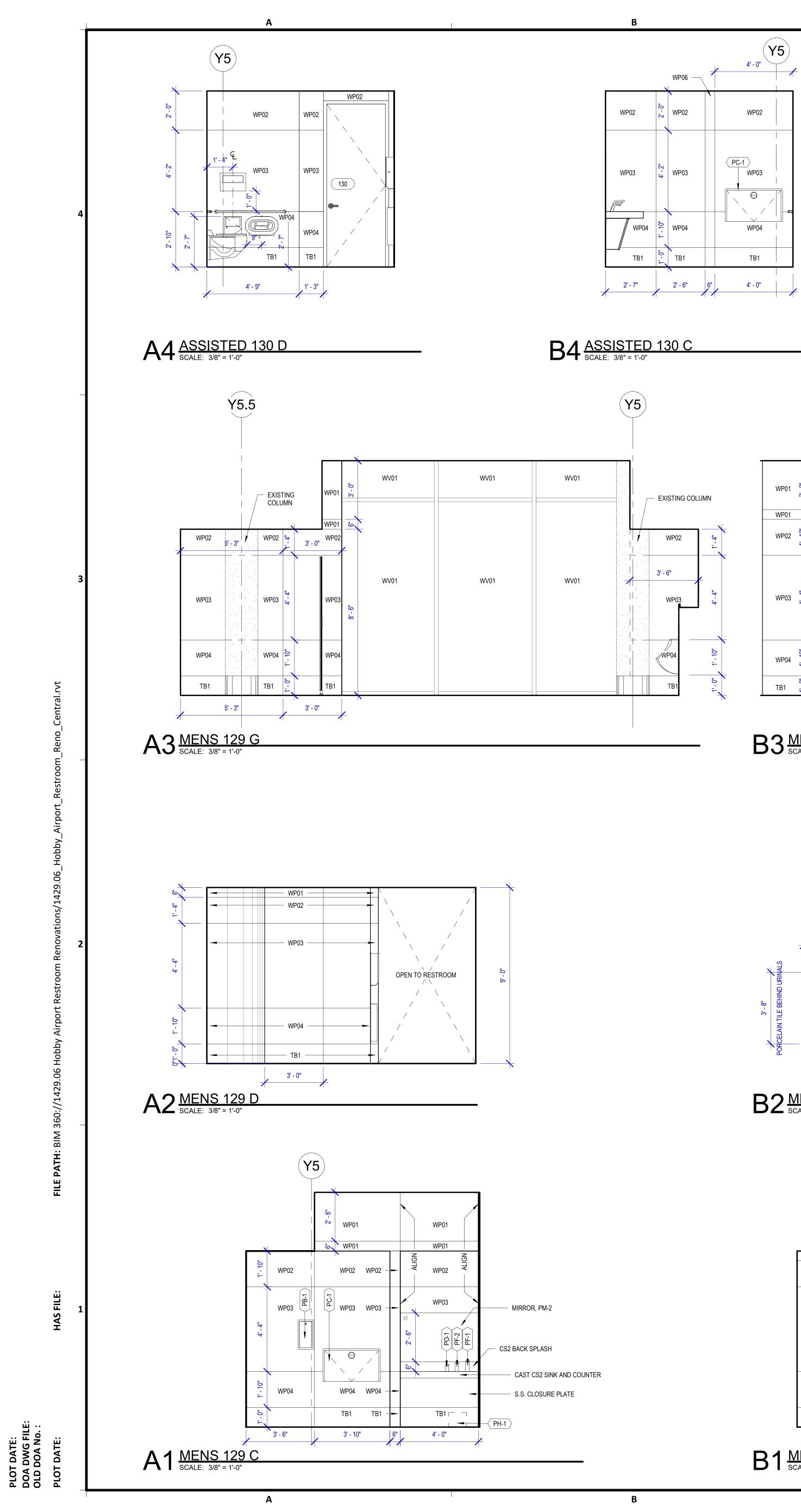
- PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD
- PB-2 TORK HAND SANITIZER 466100
- PC-1 KOALA CARE BABY CHANGING STATION KB110-SSRE
- PC-2 KOALA CARE CHILD SEAT KB102-00 PC-3 BRADLEY WASTE RECEPTACLE 315-35
- PE-1 TORK TOILET SEAT COVER DISPENSER 1951001
- PF-1 THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H
- PF-2 THE SPLASH LAB RIBBON TSL.R.020.CS.H
- PG-1 BOBRICK 42" GRAB BAR B-5806
- PG-2 BOBRICK 36" GRAB BAR B-5806
- PI-1 TORK TOILET TISSUE DISPENSER 465500
- PJ-1 CARVART COAT HOOK
- PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN
- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PL-3 HEIGHT ADJUSTABLE WASH BIN PM-1 CARVART FRAMELESS LED MIRROR
- PM-2 CARVART FLOATING MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.
- PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051
- PP-2 BOBRICK WASTE RECEPTACLE B-3644
- PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED
- PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR
- TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202
- PW-1 TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN
- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B

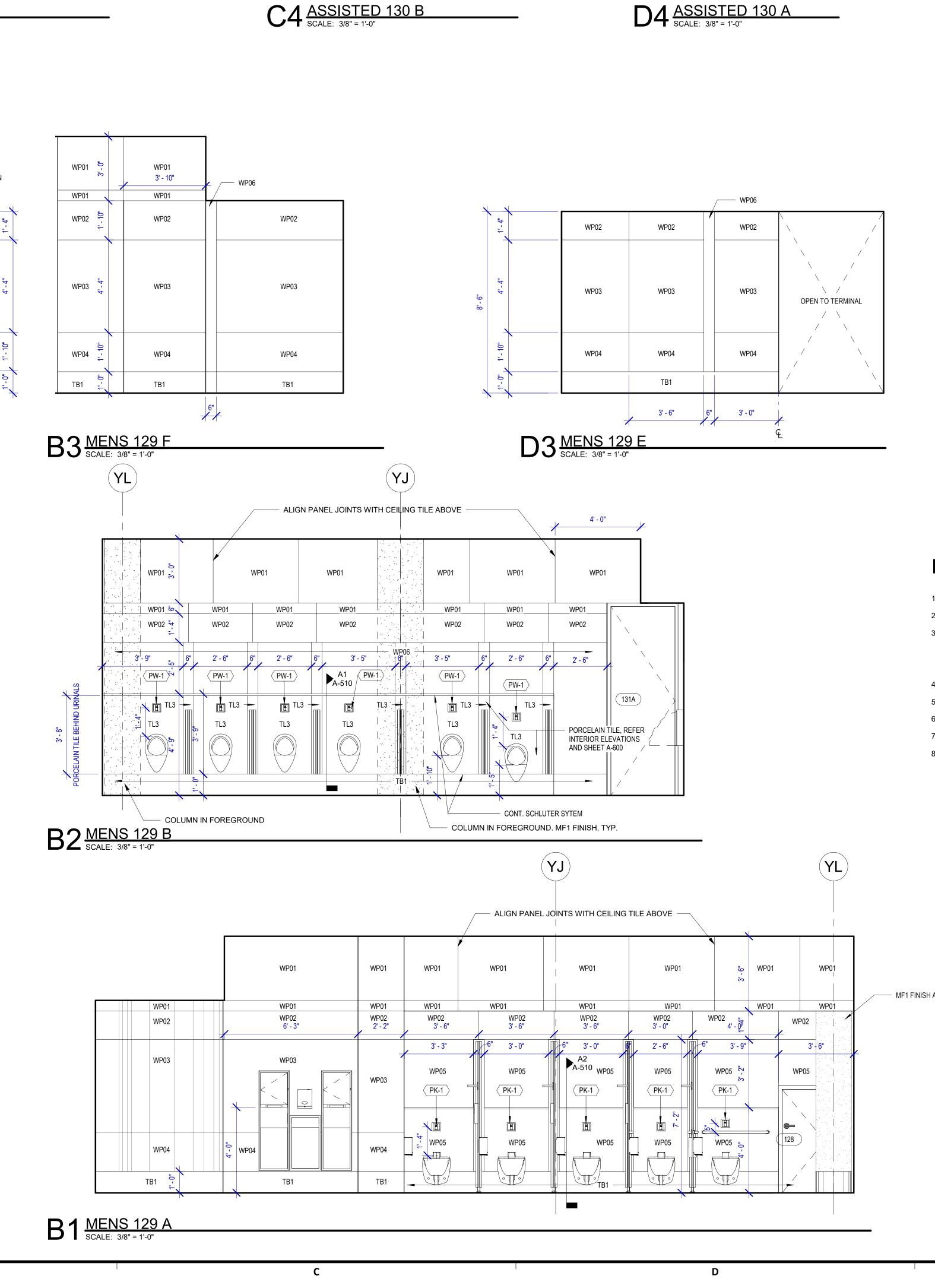
PX-1 BOBRICK B-223

- PLUMBING FIXTURES
- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- 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

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







WP02 👇

WP03

WP04

TB1

4' - 5"

WP02

WP03

3' - 0"

A-510

\_

PH-1 3' - 0"

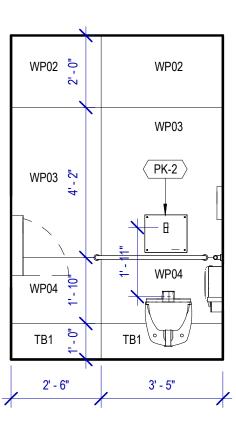
- CS2 BACK

SPLASH

CAST CS2 SINK AND COUNTER

S.S. CLOSURE PANEL

(PP-1)



## D4 ASSISTED 130 A SCALE: 3/8" = 1'-0"

### **TOILET ACCESSORIES**

PB-1 KOALA KARE BED LINER DISPENSER KB134-SSLD PB-2 TORK HAND SANITIZER 466100 PC-1 KOALA CARE BABY CHANGING STATION KB110-SSRE PC-2 KOALA CARE CHILD SEAT KB102-00 PC-3 BRADLEY WASTE RECEPTACLE 315-35 PE-1 TORK TOILET SEAT COVER DISPENSER 1951001 PF-1 THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H PF-2 THE SPLASH LAB RIBBON TSL.R.020.CS.H PG-1 BOBRICK 42" GRAB BAR B-5806 PG-2 BOBRICK 36" GRAB BAR B-5806 PI-1 TORK TOILET TISSUE DISPENSER 465500 PJ-1 CARVART COAT HOOK PK-1 TOTO TOILET FLUSH VALVE WITH CHASE TET3LN PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN PL-3 HEIGHT ADJUSTABLE WASH BIN PM-1 CARVART FRAMELESS LED MIRROR PM-2 CARVART FLOATING MIRROR PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254 PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.H PP-1 TORK AUTO PAPER TOWEL AND WASTE 309051 PP-2 BOBRICK WASTE RECEPTACLE B-3644 PP-3 WASTE RECEPTACLE, 9.2 GALLON SEMI-RECESSED PR-1 BOBRICK B-5806X24 STRAIGHT GRAB BAR TF-1 TORK SURFACE MOUNTED AUTOMATIC PAPER TOWEL DISPENSER 461202 PW-1 TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN PZ-1 TOILET PARTITION RE: MATERIAL LEGEND PZ-2 TOILET PARTITION RE: MATERIAL LEGEND PH-1 STEP 'N WASH SNW-SS 975B PX-1 BOBRICK B-223

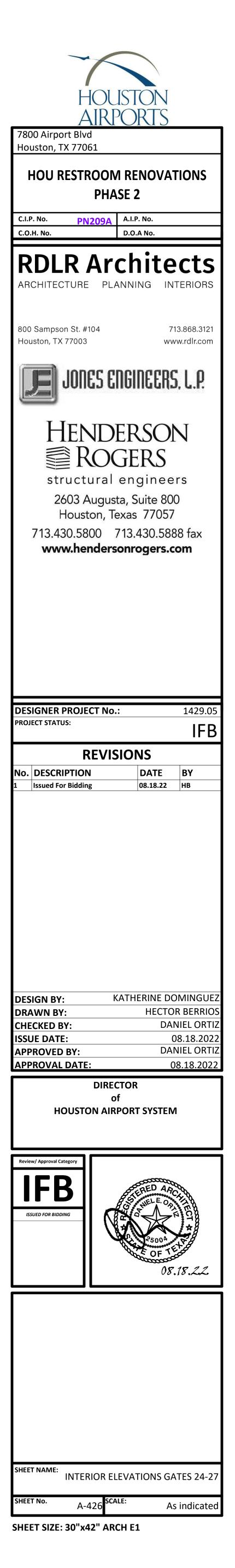
### PLUMBING FIXTURES

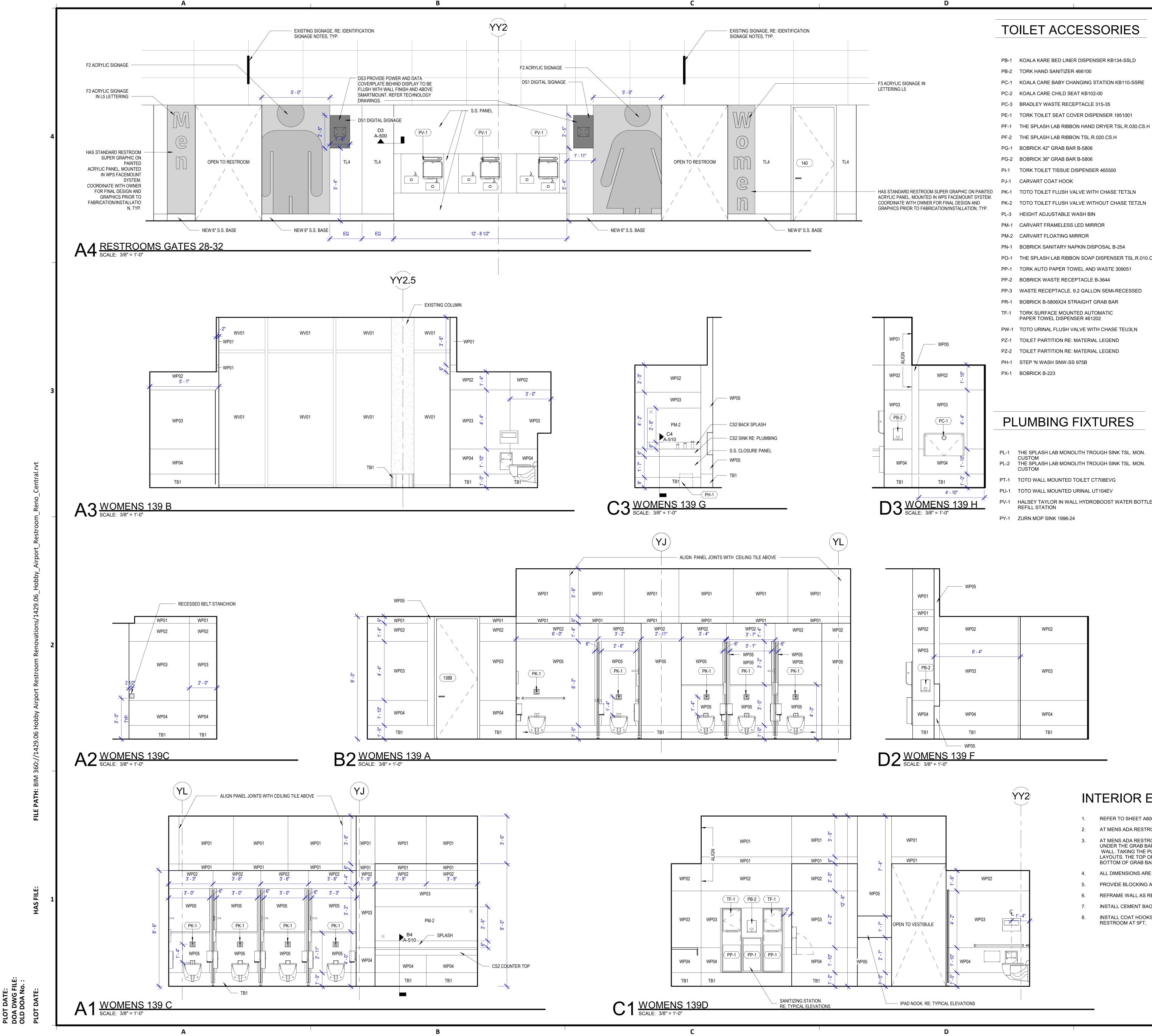
- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE **REFILL STATION**
- PY-1 ZURN MOP SINK 1996-24

### INTERIOR ELEVATIONS NOTES

- 1. REFER TO SHEET A600 FOR FINISH LEGEND.
- 2. AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
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- INSTALL CEMENT BAORD FOR INSTALLATION OF NEW TILE.
- INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT,

/ MF1 FINISH AT EXISTING COLUMN, TYP.







- PK-2 TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
- PM-1 CARVART FRAMELESS LED MIRROR
- PN-1 BOBRICK SANITARY NAPKIN DISPOSAL B-254
- PO-1 THE SPLASH LAB RIBBON SOAP DISPENSER TSL.R.010.CS.H

- TF-1 TORK SURFACE MOUNTED AUTOMATIC

- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND

### PLUMBING FIXTURES

- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON
- PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON.
- PT-1 TOTO WALL MOUNTED TOILET CT708EVG
- PU-1 TOTO WALL MOUNTED URINAL UT104EV
- PV-1 HALSEY TAYLOR IN WALL HYDROBOOST WATER BOTTLE

- SIGNAGE
- DESIGN INTENT NOTES:
- F1 PAINTED ACRYLIC BACKGROUND AREAS: BACKGROUND AREAS TO BE PAINTED WITH SOLID SATIN FINISH COLOR AS SHOWN.
- F2 PAINTED ACRYLIC LETTERS: PRECISION CUT AND PAINT LETTERS WITH SATIN COLOR TO MATCH AS SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S KERNING SETTING). APPLIED TO FINISH FACE OF F1. PAINTED ACRYLIC LETTERS: PRECISION CUT AND F3 PAINT LETTERS WITH SATIN COLOR TO MATCH AS
- SHOWN; KERNING (SPACE BETWEEN LETTERS) TO MATCH AS SHOWN (I.E. STANDARD FONT MAKER'S KERNING SETTING). APPLIED TO FINISH FACE OF F1. ADDITIONAL NOTES:
- FIELD VERIFICATION: FABRICATOR TO FIELD VERIFY ALL INSTALLATION CONDITIONS AT EACH LOCATION AND DETERMINE THE APPROPRIATE FABRICATION/INSTALLATION METHODS AND MATERIALS TO BE USED AS CONDITIONS REQUIRE (TO BE COORDINATED WITH AND APPROVED BY HAS PRIOR TO FABRICATION AND INSTALLATION). INSTALLATION: FABRICATOR TO COORDINATED INSTALLATION OF ACRYLIC PANELS WITH WALL PANEL SYSTEMS, FACEMOUNT SYSTEM AND MOUNTING REQUIREMENTS PRIOR TO FABRICATION.MOCK-UP OF ACRYLIC PANELS IN INSTALLATION SYSTEM TO BE APPROVED BY HAS PRIOR TO FABRICATION AND

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

INSTALLATION.

- 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 (ART CAN BE EXTRACTED FROM DIGITAL VERSION OF THIS DRAWING)

#### COLORS:

#### **NOTES:** "D" = DIGITALLY PRINTED COLORS ON 3M 7725-20 WHITE UNLESS OTHERWISE NOTED; "P" = MATTHEWS ACRLIC POLYURETHANE (MAP) PAINT (OR EQUAL), SATIN FINISH; "V" = 3M VINYL FILMS (OR EQUAL); "T" = TACTILE

- V4.1 WHITE: 3M 7725-20 WHITE OPAQUE
- D5 DARK GRAY: PMS 433C
- **D7.2** MED. GRAY: PMS 431C
- D17 C BLUE: PMS 300C
- D23 TRAIN YELLOW: PMS 3965C
- D6 MED. DARK GRAY: PMS 432C
- D18 C WATERMARK: PMS 294C
- D24 TRAIN WATERMARK: PMS 3975C

#### DIGITAL SIGNAGE:

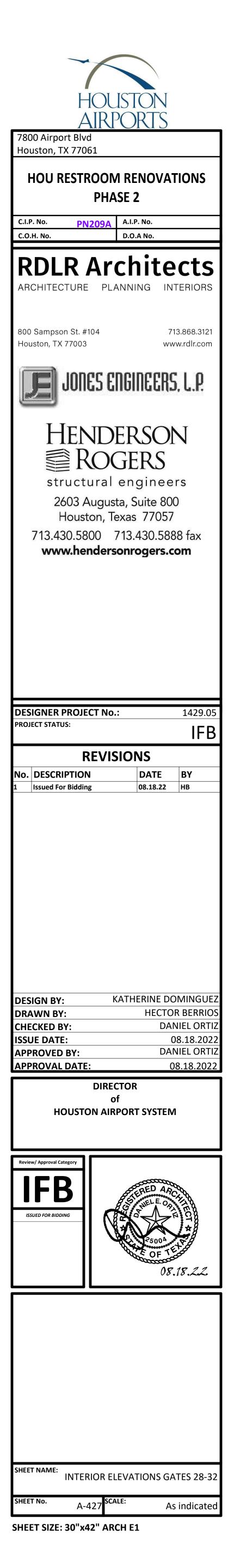
- **DS1** SMART RESTROOM DIGITAL SIGNAGE: 32" DISPLAY. REFER TO ELECTRICAL AND TELECOM DRAWINGS.
- **DS3** PROVIDE POWER OUTLET AND DATA OUTLETS, REFER TO ELECTRICAL AND TELECOM DRAWINGS.

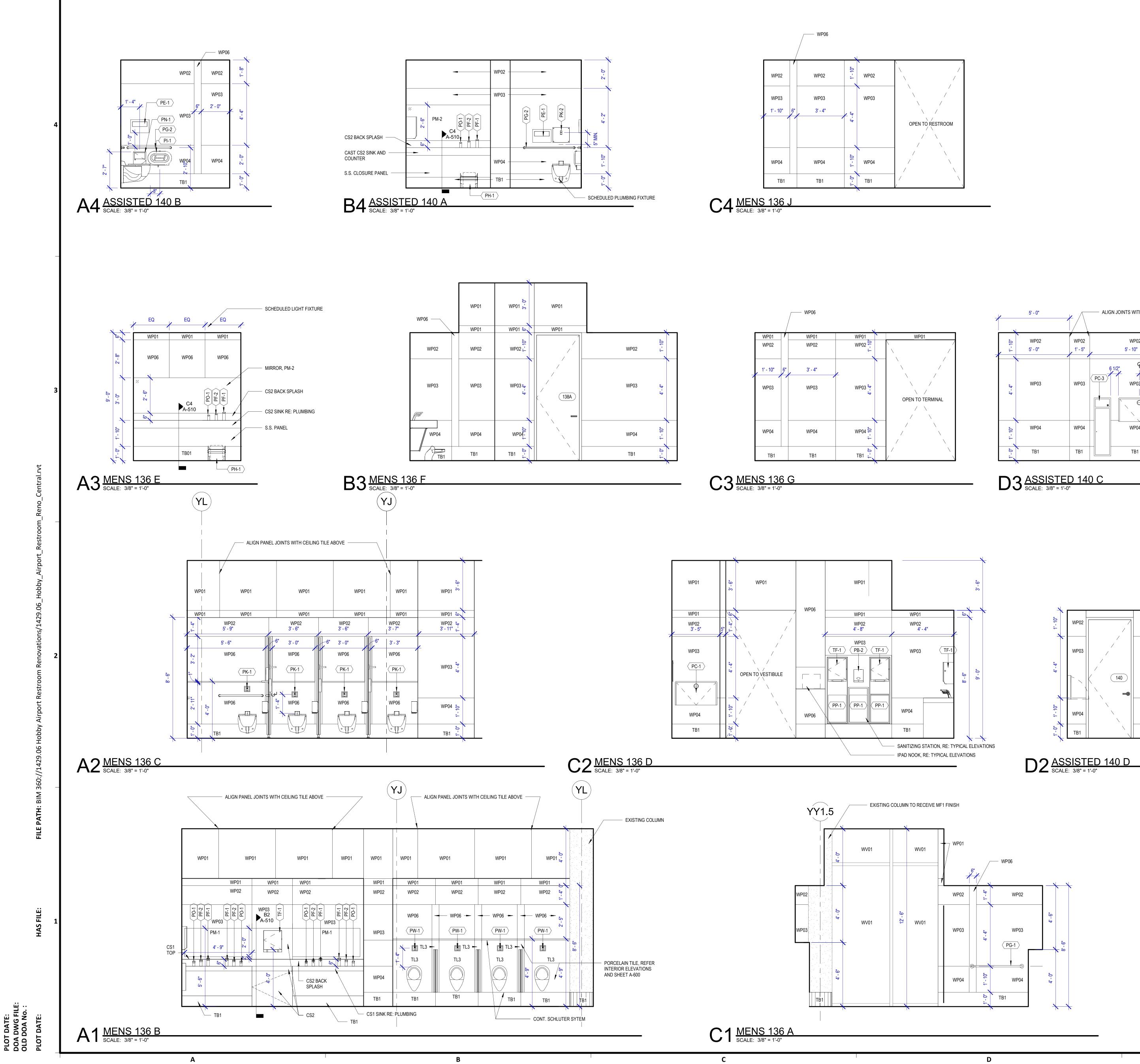
#### **IDENTIFICATION SIGNAGE** EXISTING ROOM IDENTIFICATION AND WAYFINDING

- SIGNAGE TO BE SALVAGED PRIOR TO CONSTRUCTION FOR REINSTALLATION. INCLUDING, BUT NOT LIMITED TO, ROOM SIGNS AND BLADE/FIN SIGNS. ALL EXISTING SIGNAGE REMOVED TO BE REVIEWED
- BY HAS AND THE WAYFINDING DESIGN CONSULTANTS FOR ANY CHANGES OR UPDATES MADE TO THE HAS STANDARDS AND GRAPHICS. NEW SIGNAGE REQUIRED PER OWNER TO BE COORDINATED BY THE CONTRACTOR. ALL FINAL
- DETAILING AND SPECIFICATIONS TO BE PROVIDED BY THE CONTRACTOR/FABRICATOR/INSTALLER WITHIN THEIR FINAL APPROVED FABRICATION-READY SHOP DRAWINGS. INSTALLATION OF EXISTING AND NEW SIGNAGE TO BE
- PER ALL APPLICABLE CODES, TDLR/ADA STANDARDS, AND HAS STANDARDS.

### INTERIOR ELEVATIONS NOTES

- 1. REFER TO SHEET A600 FOR FINISH LEGEND.
- AT MENS ADA RESTROOMS: DO NOT INSTALL SANITARY NAPKIN DISPOSAL.
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- INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT,





WP01	wp01 📩	WP01		
WP01	مة WP01	WP01	-	N
WP02	01 WP02 -		WP02	1'- 10"
WP03	WP03 -+ -+		WP03	4'-4"
WP04	WP04		WP04	1' - 10"
TB1	TB1		TB1	1 0"
	N			

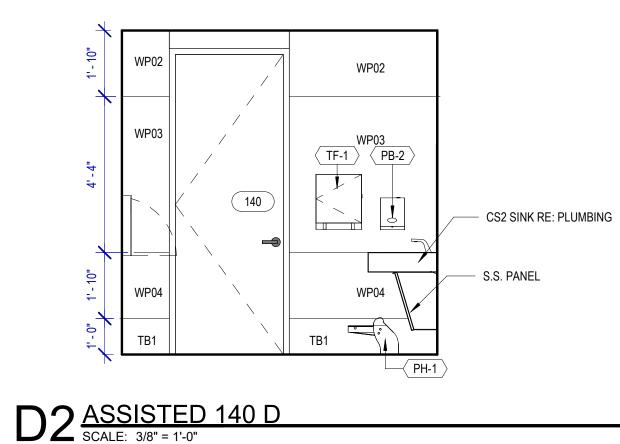


PB-1	KOALA KARE BED LINER DISPENSER KB134-SSLD
PB-2	TORK HAND SANITIZER 466100
PC-1	KOALA CARE BABY CHANGING STATION KB110-SSRE
PC-2	KOALA CARE CHILD SEAT KB102-00
PC-3	BRADLEY WASTE RECEPTACLE 315-35
PE-1	TORK TOILET SEAT COVER DISPENSER 1951001
PF-1	THE SPLASH LAB RIBBON HAND DRYER TSL.R.030.CS.H
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PK-2	TOTO TOILET FLUSH VALVE WITHOUT CHASE TET2LN
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PW-1	TOTO URINAL FLUSH VALVE WITH CHASE TEU3LN

- PZ-1 TOILET PARTITION RE: MATERIAL LEGEND
- PZ-2 TOILET PARTITION RE: MATERIAL LEGEND
- PH-1 STEP 'N WASH SNW-SS 975B
- PX-1 BOBRICK B-223

### PLUMBING FIXTURES

- PL-1 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM PL-2 THE SPLASH LAB MONOLITH TROUGH SINK TSL. MON. CUSTOM 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



- ALIGN JOINTS WITH OPPOSING WALL

WP02

£ 2' - 4"

WP03

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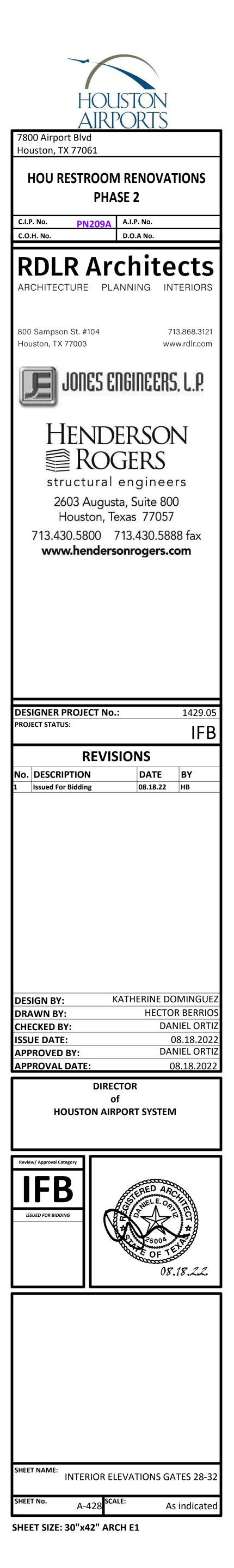
WP04

TB1

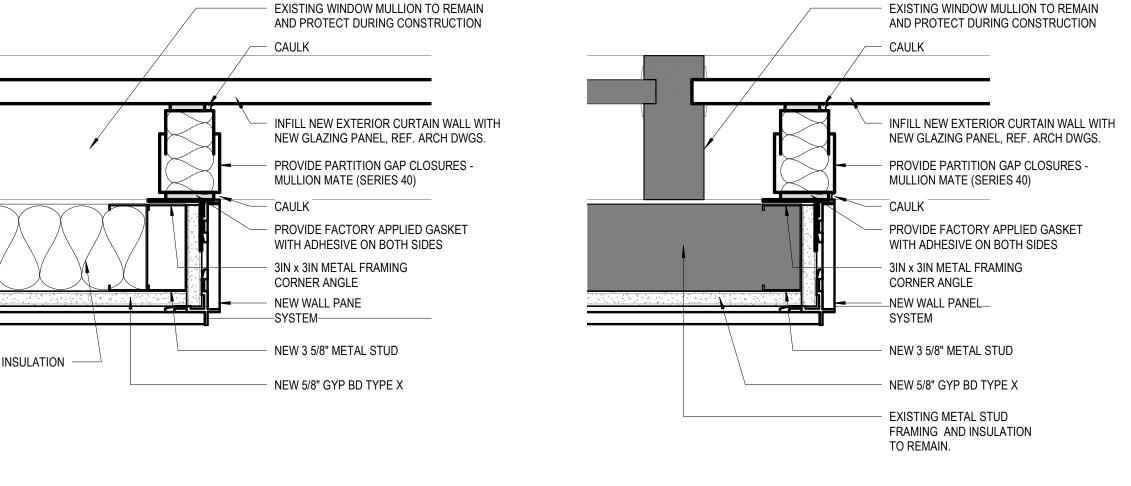
5' - 10"

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- INSTALL COAT HOOKS IN AMBULATORY AND ADA STALLS AT 4FT. IN ANY OTHER RESTROOM AT 5FT,



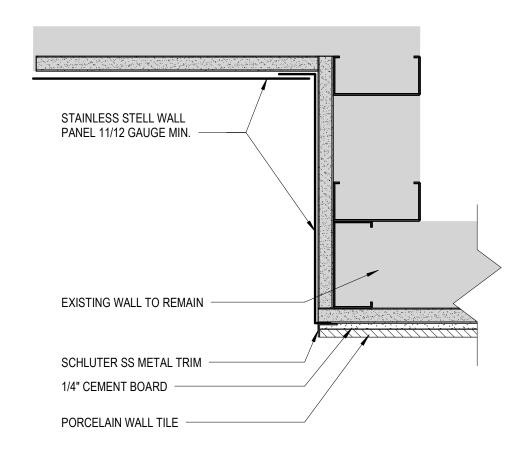
PLOT DATE: PLOT DATE:	HAS FILE:	vations/1429.06_Hobby_Airport_Restroom_Reno_Central.rvt	
	1	2	
B1 <u>PLAN DETAIL @ E</u> SCALE: 3" = 1'-0"	EXISTING METAL STUD FRAMING AND INSULATION TO REMAIN.		



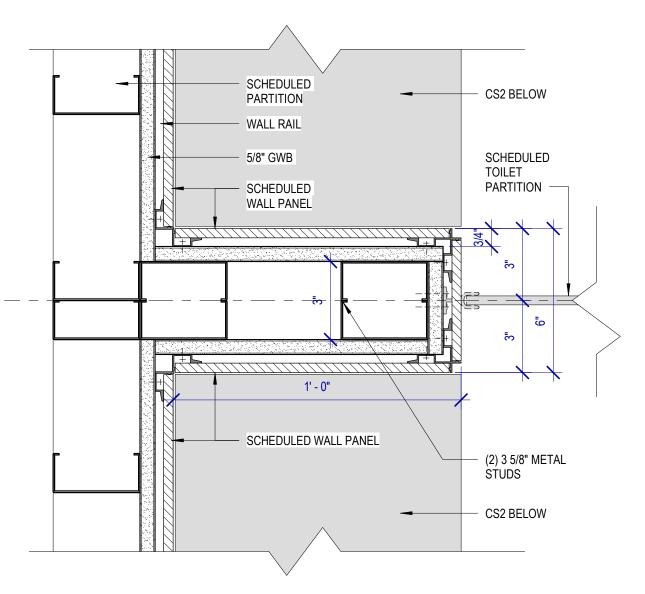
### XISTING WINDOW MULLION 3

# C1 <u>PLAN DETAIL @ EXISTING WINDOW MULLION 2</u> SCALE: 3" = 1'-0"

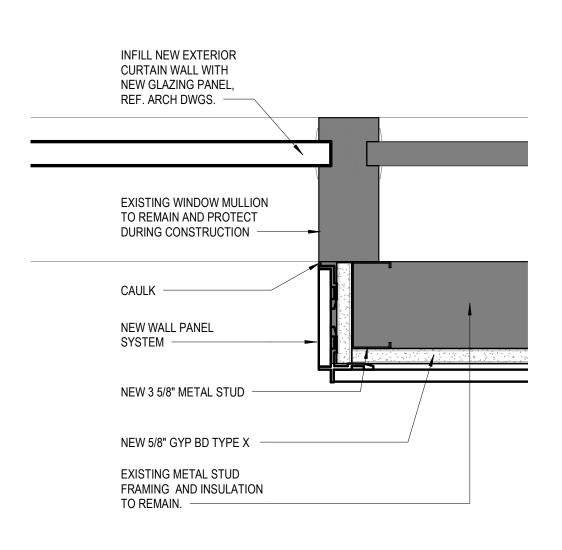
- EXISTING WINDOW MULLION TO REMAIN



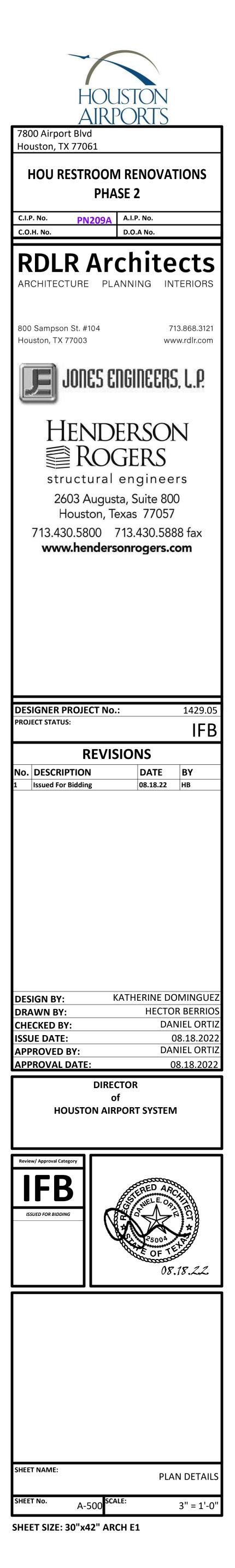
### D3 ALUMINUM DETAIL AT DRINGKING FOUNTAIN SCALE: 3" = 1'-0"

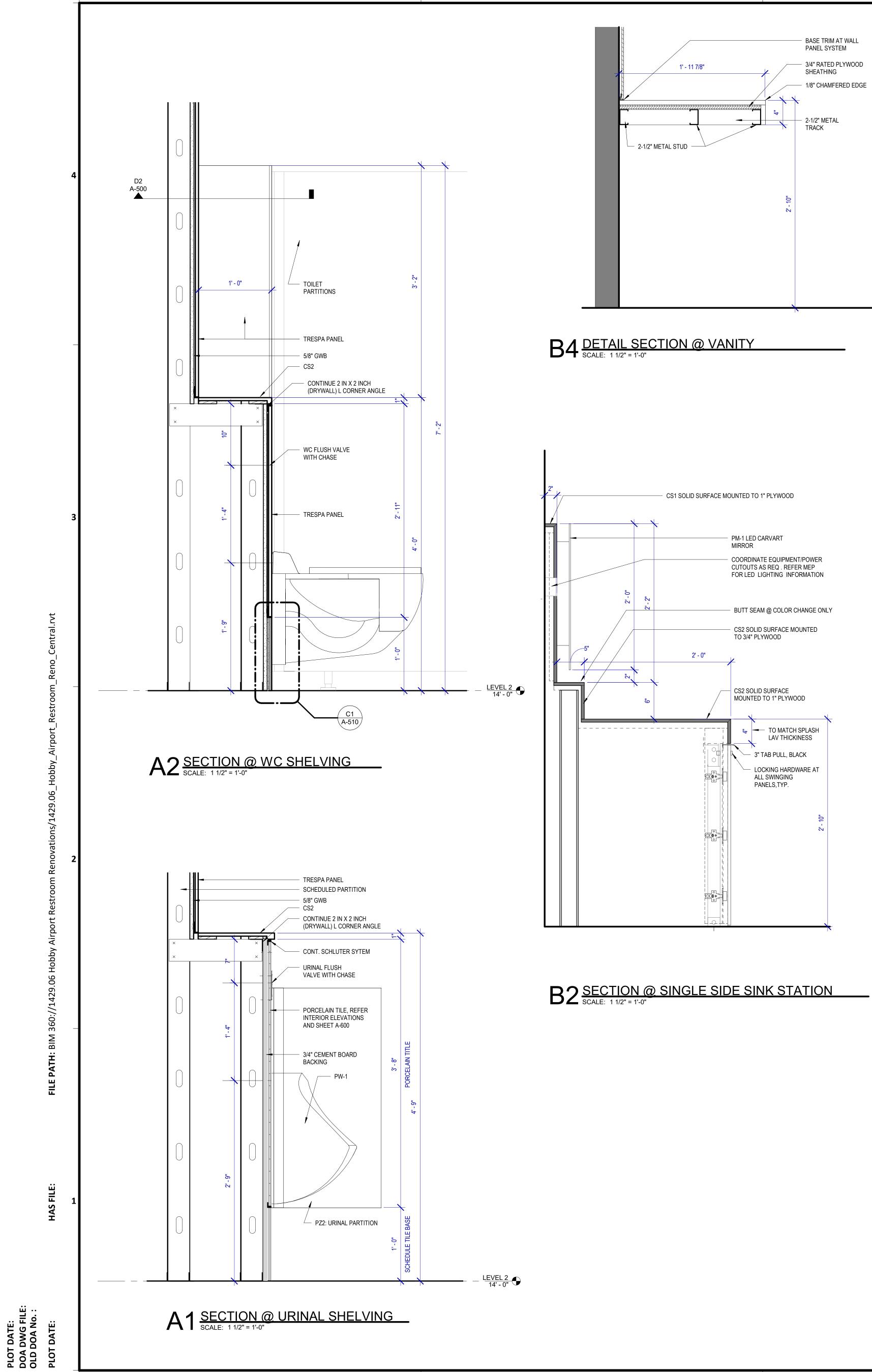


## D2 PLAN DETAIL @ SHELVING BEHIND THE URINAL/WC



# D1 PLAN DETAIL @ EXISTING WINDOW MULLION SCALE: 3" = 1'-0"



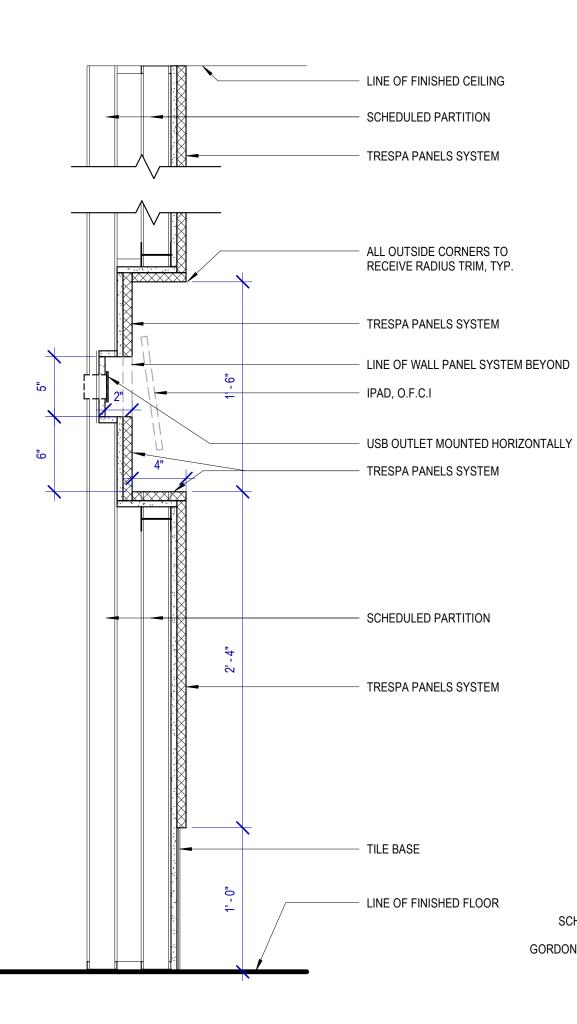


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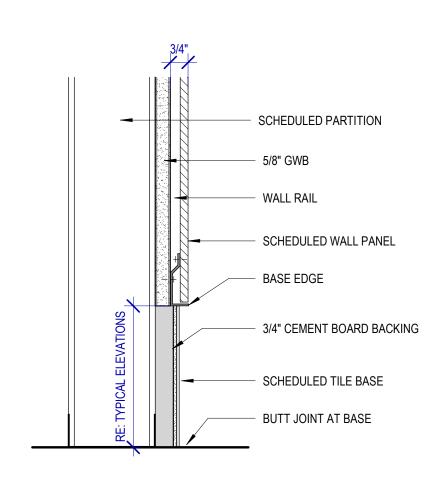
В



1' - 2"



### C2 <u>TYP. CUSTOMER SERVICE IPAD DOCKING</u> SCALE: 1 1/2" = 1'-0"



C1 <u>SECTION DETAIL - TILE BASE TO WALL PANEL</u> SCALE: 3" = 1'-0"

### CS2 BACK SPLASH

CS2 SPLASH LAB TROUGH SINK WITH SOLID SURFACE COUNTER TOP

WALL MOUNTED BRACETS

BRUSHED STAINLESS STEEL PIPE SKIRT

- STEP N' WASH SELF RETRACTING STOOL

FIN FL. <u>LEVEL 2</u> 14' - 0"

# SPLASH LAB RIBBON SYSTEM FAUCET, SOAP DISPENSER & HAND DRYER

SCHEDULED LAY IN METAL CEILING GORDON 1" X 1" X 1" REVEAL TRIM PIECE

WALL MOUNT BRACKET

6"

D3 <u>SECTION DETAIL @ COVE</u> SCALE: 1 1/2" = 1'-0"

# - CEILING RAIL

- TRESPA PANEL, EASED EDGE AT TRIM

- 3 5/8 METAL STUDS SOFFIT FRAMING

REFER TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR MANUFACTURE

INSTALLATION REQUIREMENTS

5/8" GWB

WALL RAIL

TRESPA PANEL, EASED EDGE AT TRIM SMART OCCUPANCY STALL LIGHT

D2 SECTION DETAIL @ SOFFIT OVER BATHROOM STALL

1' - 0"

6"



- 3 5/8 METAL STUDS SOFFIT FRAMING -- 5/8" GWB - WALL RAIL TRESPA PANEL, EASED EDGE AT TRIM

# D1 <u>SECTION DETAIL @SOFFIT</u> SCALE: 3" = 1'-0"

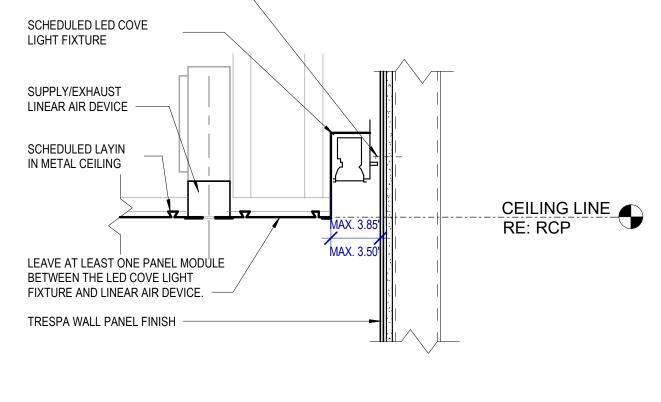
SCHEDULED LAY IN METAL CEILING

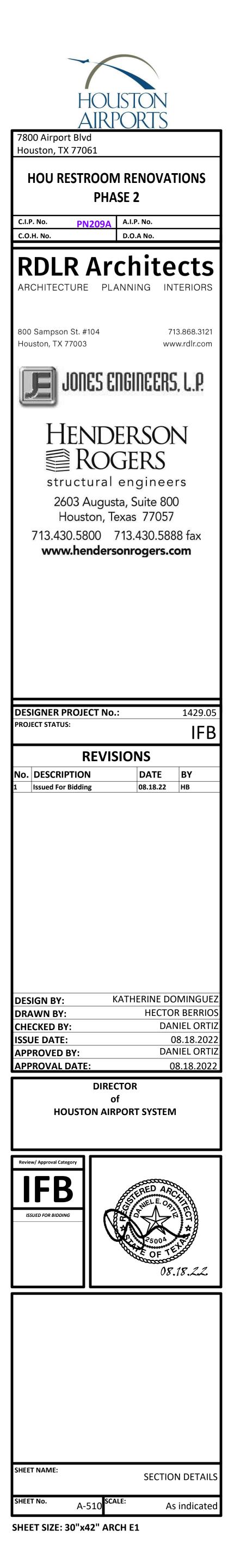
GORDON 1" X 1" X 1" REVEAL TRIM PIECE

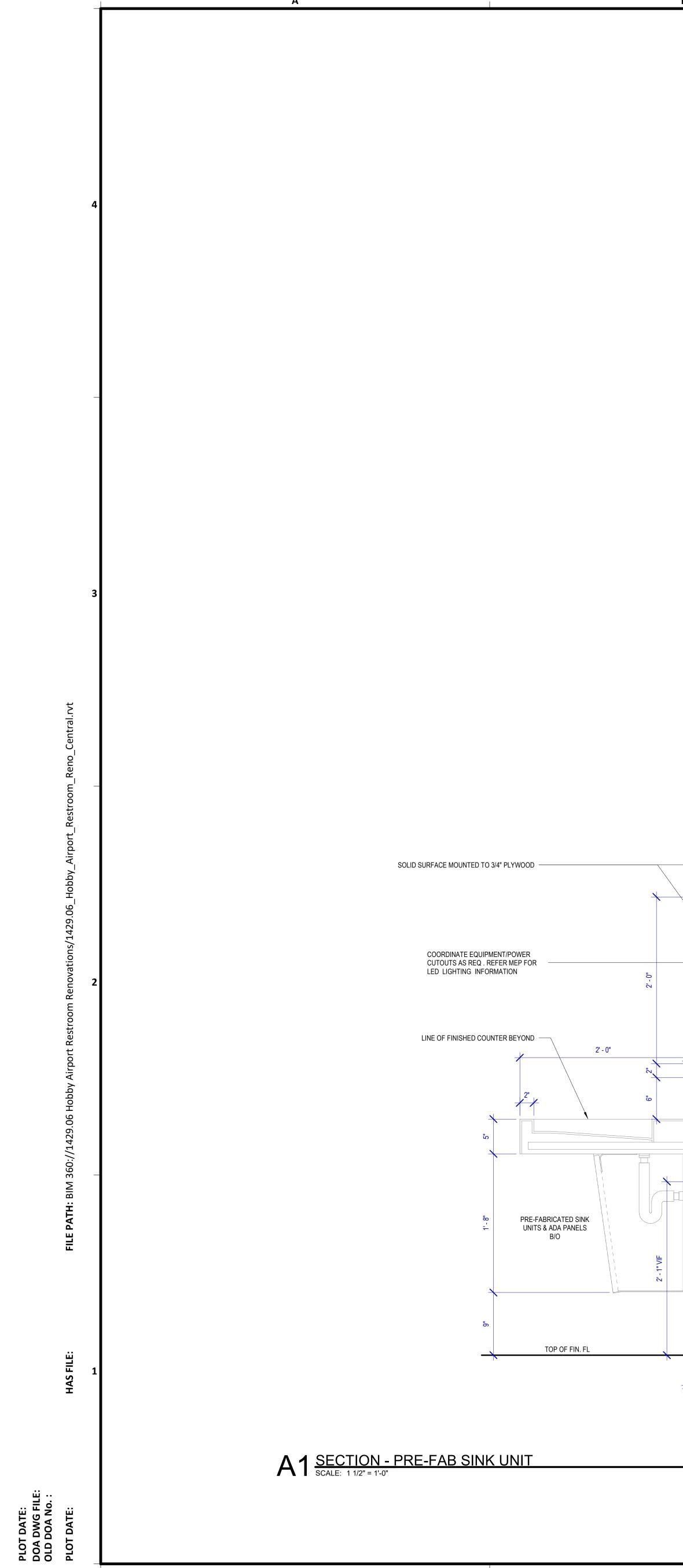
D

CEILING RAIL

TRESPA PANEL, EASED EDGE AT TRIM







Α

-

7"

CLEAR

1' - 3"

### SOLID SURFACE MOUNTED TO 3/4" PLYWOOD

#### COORDINATE EQUIPMENT/POWER CUTOUTS AS REQ.

LINE OF FINISHED COUNTER BEYOND

# HOLD PLYWOOD SUBSTRATE 1/2" ABOVE FINISHED FLOOR

## C3 <u>SECTION - TRASH UNIT</u> SCALE: 1 1/2" = 1'-0"

### SOLID SURFACE MOUNTED TO 3/4" PLYWOOD

HOLD PLYWOOD SUBSTRATE 1/2" ABOVE FINISHED FLOOR

C1 <u>SECTION - ISLAND SWING PANEL</u> SCALE: 1 1/2" = 1'-0"

- REFER STRUCTURAL DRAWINGS FOR FRAMIN DETAILS.

— PM-1 LED CARVART MIRROR

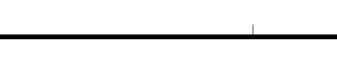
- SOLID SURFACE MOUNTED TO 1" PLYWOOD

### - BUTT SEAM @ COLOR CHANGE ONLY, TYP. - SOLID SURFACE MOUNTED TO 1/2" PLYWOOD

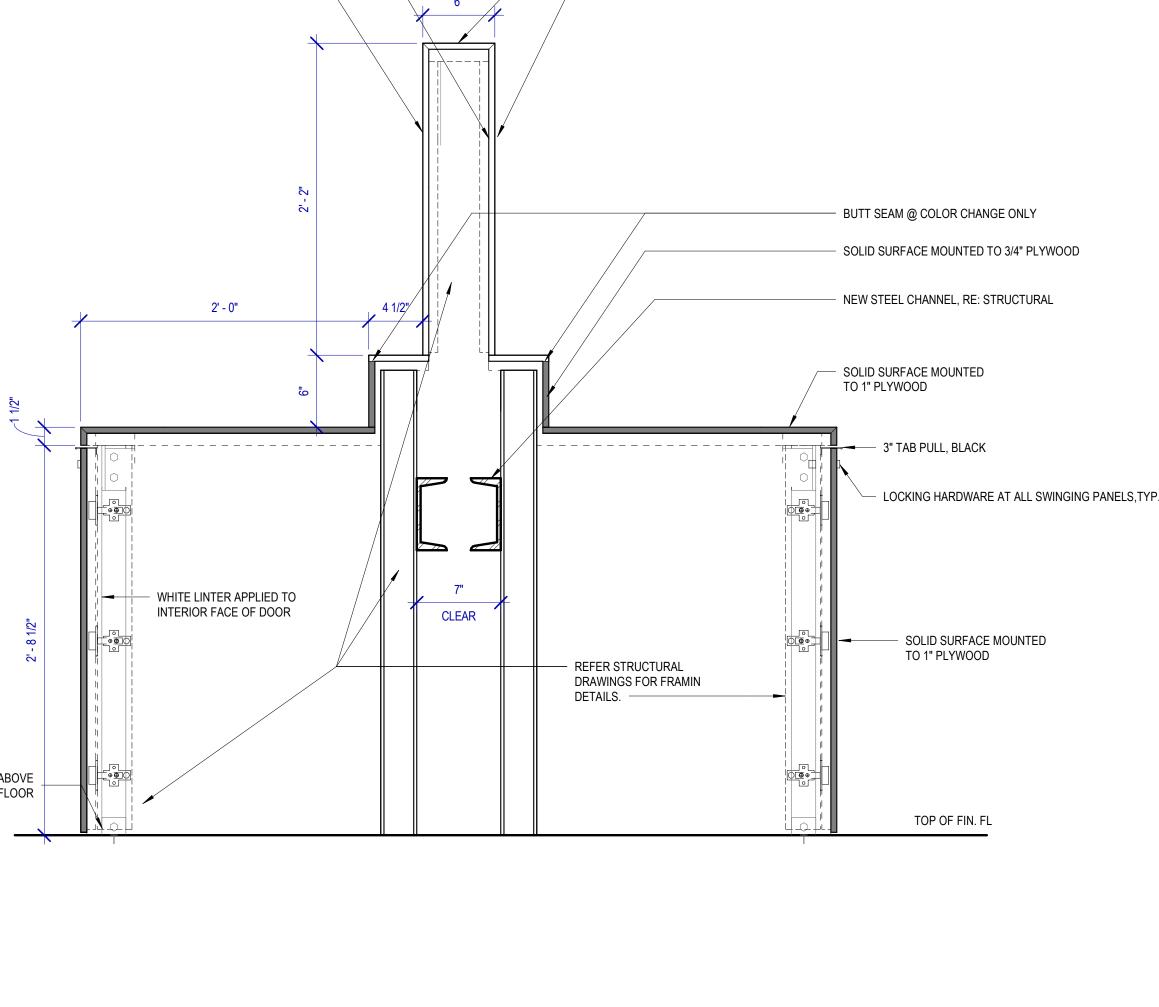
- SOLID SURFACE MOUNTED TO 1/2" AC FIR PLYWOOD

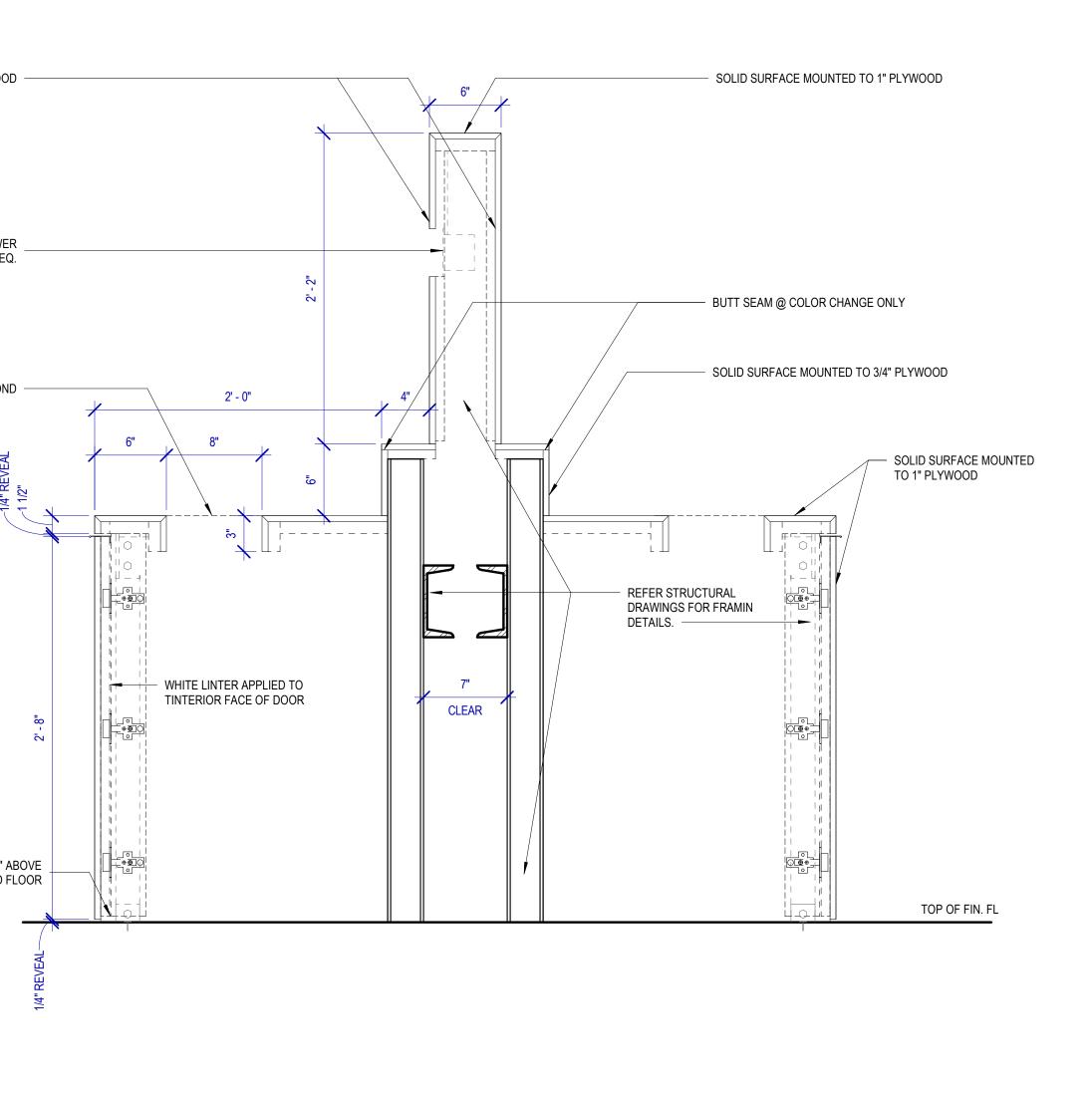
SOLID SURFACE BASE SCRIBED TO FLOOR

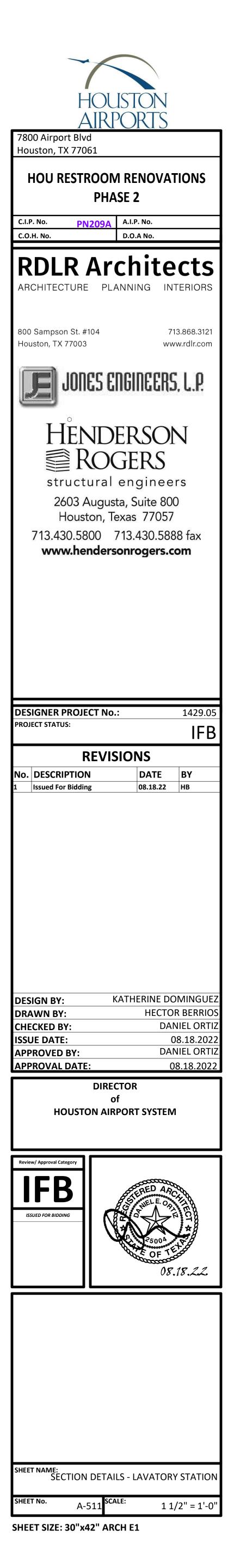
С

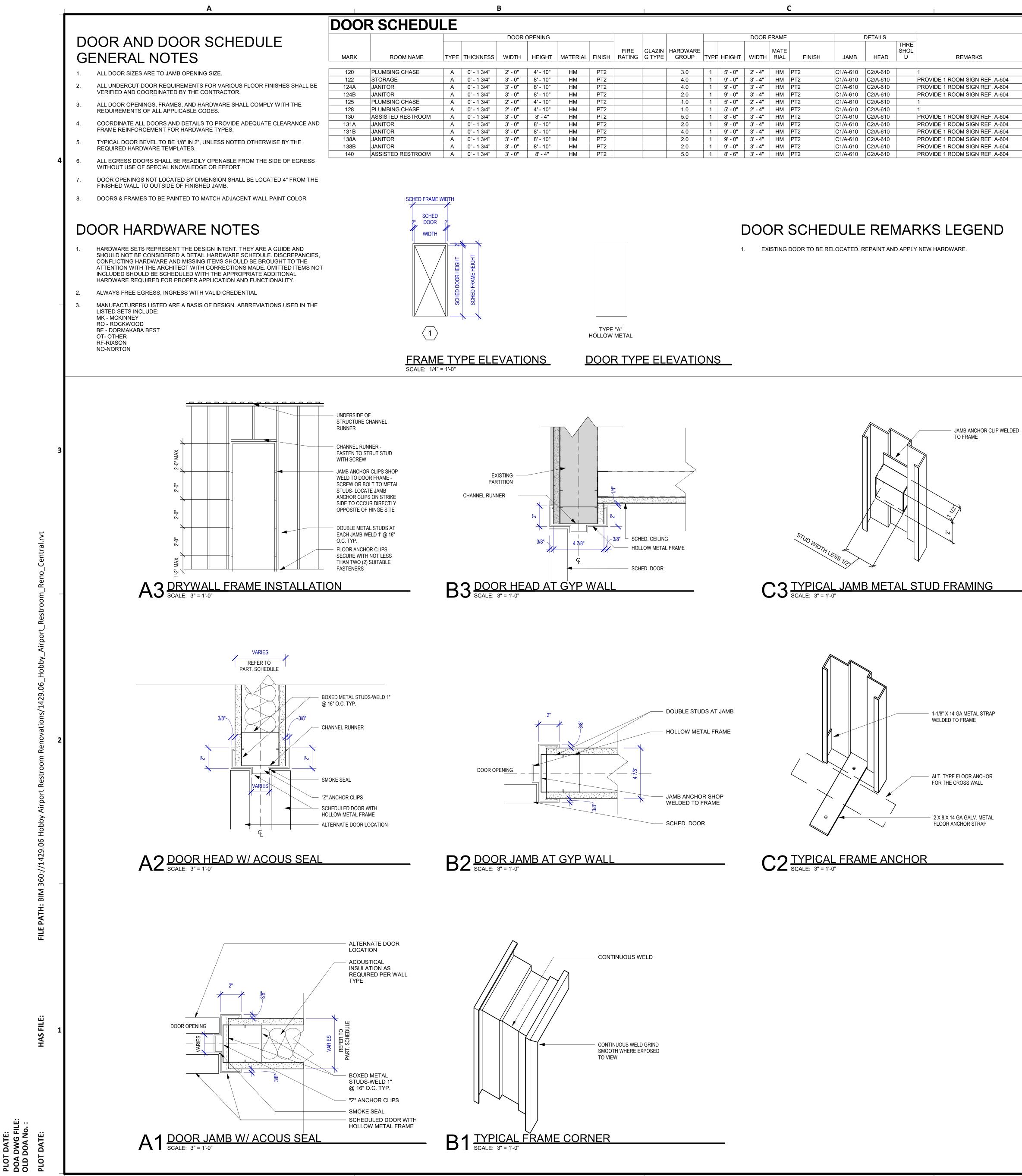


- SOLID SURFACE MOUNTED TO 1" PLYWOOD





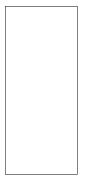


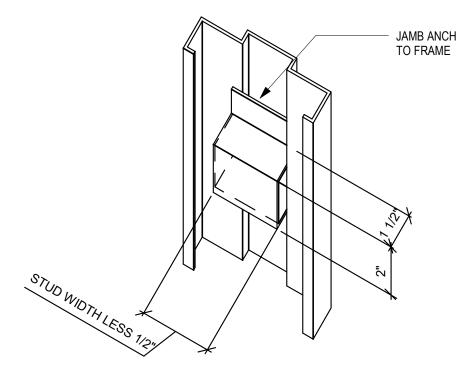


3			

DOOR	PENING								DOOR I	FRAME			DETAILS		
WIDTH	HEIGHT	MATERIAL	FINISH	FIRE RATING	GLAZIN G TYPE	HARDWARE GROUP	TYPE	HEIGHT	WIDTH	MATE RIAL	FINISH	JAMB	HEAD	THRE SHOL D	REMARKS
				1	1						1				
2' - 0"	4' - 10"	HM	PT2			3.0	1	5' - 0"	2' - 4"	HM	PT2	C1/A-610	C2/A-610		1
3' - 0"	8' - 10"	HM	PT2			4.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			4.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			2.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
2' - 0"	4' - 10"	HM	PT2			1.0	1	5' - 0"	2' - 4"	HM	PT2	C1/A-610	C2/A-610		1
2' - 0"	4' - 10"	HM	PT2			1.0	1	5' - 0"	2' - 4"	HM	PT2	C1/A-610	C2/A-610		1
3' - 0"	8' - 4"	HM	PT2			5.0	1	8' - 6"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			2.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			4.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			2.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 10"	HM	PT2			2.0	1	9' - 0"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604
3' - 0"	8' - 4"	HM	PT2			5.0	1	8' - 6"	3' - 4"	HM	PT2	C1/A-610	C2/A-610		PROVIDE 1 ROOM SIGN REF. A-604

### DOOR SCHEDULE REMARKS LEGEND





### **MATERIAL & FINISH KEY**

#### **DIVISION 3 - CONCRETE** MORTAR

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

### **DIVISION 5 - METALS**

METAL PANELS

STAINLESS STEEL WALL PANEL. 11/12 GAUGE MIN.

#### **DIVISION 8 - OPENINGS**

MIRROR

<u>GL3</u> 6MM SILVERED FLAT GLASS MIRROR. SECURE TO WALL WITH CONSTRUCTION ADHESIVE

**DIVISION 9 - FINISHES** 

#### SOLID SURFACE

<u>CS1</u> CORIAN - SOLID SURFACE - GLACIER WHITE

<u>CS2</u> CORIAN - SOLID SURFACE - CARBON CONCRETE

#### CEILING

GORDON - R116-764ST23 23% OPENING AV-3000 GRID, NO REVEAL - 2' X 4' , 1/4" SOLID BORDER - PDR30113 ACROGUARD BIANCO MILL FINISH REMARKS: 1/16" HOLES X 7/64" STRAIGHT CIRCLES W/ 1" X 1 1/2# DENSITY

BLACK ACOUSTICAL PADS.

#### TURN-KEY CEILING PANEL SIZE: 3 1/2" LINEAR PANELS

MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS PERF SPEC: R116-764ST23 (SEE PERF DETAIL MC-1/MC-2 THIS SHEET) FINISH: EXPOSED SURFACES POWDER COATED ACROGUARD PDR-30803 (STERLING) INSULATION: 1" X 1 1/2# DENSITY BLACK PVC ACOUSTICAL PADS IN-FILL PANELS SHIPPED STOCK LENGTHS FOR FIELD CUTTING.

### <u>MC3</u> <u>TURN-KEY CEILING</u> PANEL SIZE: 6" LINEAR PANELS

MATERIAL: 0.040" THICK ALUMINUM WITH 1" UPTURNS PERF SPEC: R116-532DG12 (SEE PERF DETAIL MC-3 THIS SHEET) FINISH: EXPOSED SURFACES POWDER COATED ACROGUARD PDR-30803 (STERLING)

INSULATION: 1"X 1 1/2# DENSITY BLACK PVC ACOUSTICAL PADS IN-FILL PANELS SHIPPED STOCK LENGTHS FOR FIELD CUTTING.

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

#### WALL FINISH

WP01 TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK -K05.0.0 PURE WHITE

REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

WP02 TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - K21.1.0 WINTER GRAY

REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - K21.5.1 MID GRAY

REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - KNA18 NATURAL SLATE REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

#### TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - K32.2.1 TRANSLUCENT GREEN SATIN

REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

TRESPA - TOPLAB VERTICAL WPS FACEMOUNT SYSTEM - 10MM THK - K24.4.1 STEEL BLUE

REMARKS: VARYING SIZES, RE: TYP. ELEVATIONS FOR SIZES AND INSTALL

PAINT <u>PT01</u> TBD - MATTE - CEILING WHITE - STANDARD CEILING

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

<u>PT03</u> SHERWIN WILLIAMS - SW 9165 GOSSAMER VEIL - EGGSHELL FINISH

PAINT SPECIALTY

PTS1 GAGE ARCH PRODUCTS - GM4225 (FRC) (METAL FRAMES)

#### TILE

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

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

 ${\rm \underline{TL3}}$  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

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

DALTILE VOLUME 1.0 - GLAZED PORELAIN TILE - 12 X 24 FLOOR TILE - STEREO GREY

DALTILE VOLUME 1.0 - GLAZED PORELAIN TILE - 12 X 24 WALL TILE -SONIC WHITE

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

DALTILE VOLUME 1.0 - GLAZED PORELAIN TILE - COVE BASE 6 X 12 - STEREO GREY

**DIVISION 13 – SPECIALTIES** 

TOILET PARTITIONS

MANUFACTURER - MODEL - COLOR

PZ1 CARVART - COLOR GLASS BOXES WITH PHENOLIC DIVIDER PANELS DOORS: B07 IVORY, OPAQUE, SMOOTH OUTSIDE, ETCHED INSIDE, LADDER PULL

HARDWARE (SATIN ALUMINUM): PULL HARDWARE WITH OCCUPANCY DIVIDER PANELS: C-HPL PHENÓLIC PANEL. COLOR: 406 WHITE NON-GLOSSY FINISH REMARKS: INDICATOR, CONTINUOUS CONCEALER @ DOOR EDGES, OUT-

SWINGING DOOR ON PIVOT HINGE W/ ROTATING FLOOR PEDESTAL.

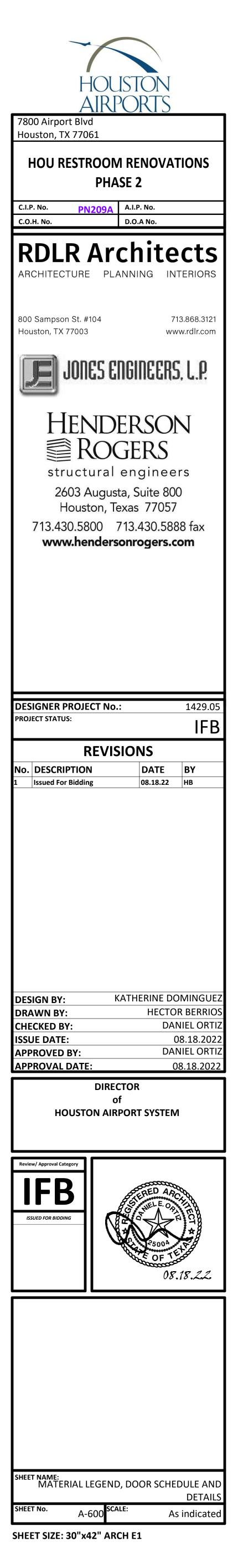
CARVART - COLOR GLASS BOXES - IVORY, OPAQUE, NON-GLOSSY SATIN

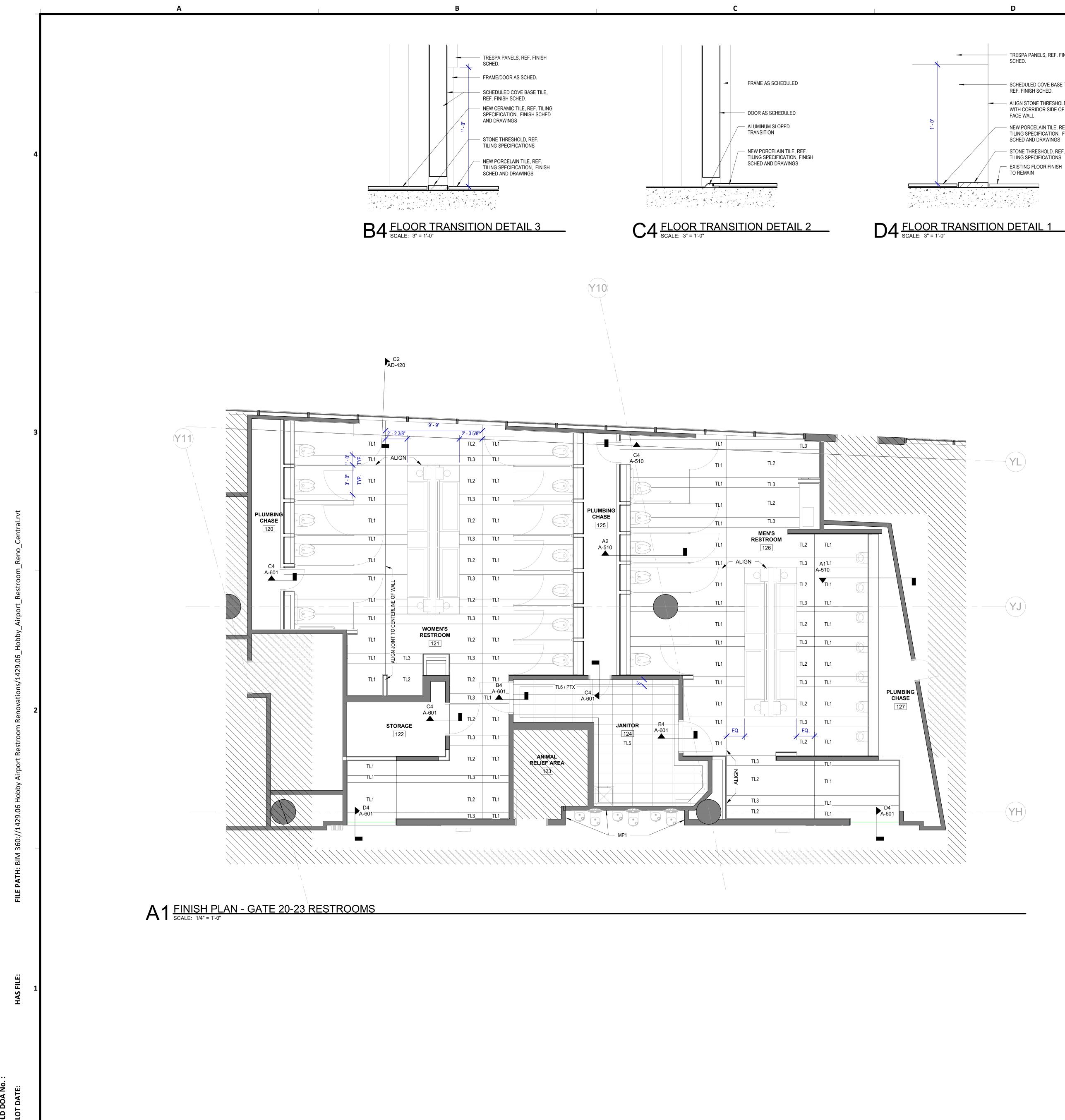
REMARKS: MEN'S RESTROOMS, URINAL PARTITION, CHROME MOUNTING BRACKET TO BE SAND-BLASTED TO COUNTER HIGH REFLECTIVITY

#### WINDOW VINY

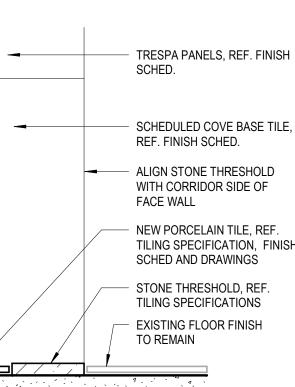
ALUMINUM - 36" H X 18" D

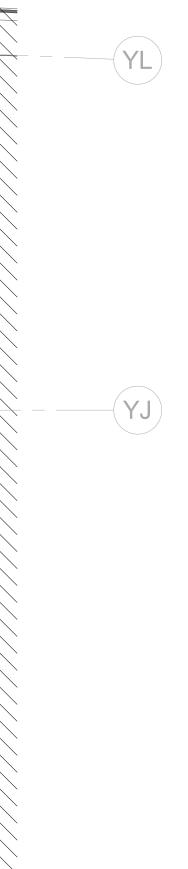
GRADIENT DOT WINDOW VINYL @ EXTERIOR WINDOW, MANF: 3M, COLOR: WHITE. **RE: INTERIOR ELEVATIONS** 

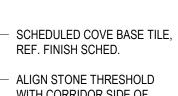




PLOT DATE: DOA DWG FILI OLD DOA No.







# WITH CORRIDOR SIDE OF

- NEW PORCELAIN TILE, REF. TILING SPECIFICATION, FINISH SCHED AND DRAWINGS - STONE THRESHOLD, REF.

# - EXISTING FLOOR FINISH

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# FINISHES GENERAL NOTES

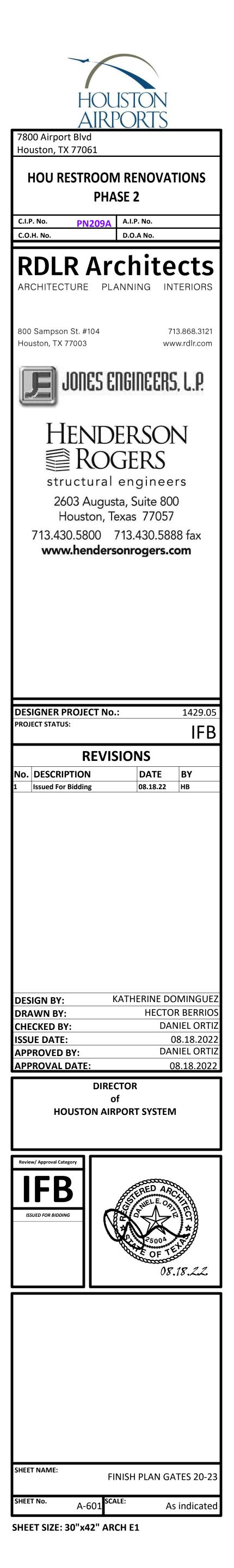
- 1. ALL WALL/CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.9
- REFER TO SHEET G-002 & G-003 FOR GENERAL NOTES, KEYS AND
- SYMBOLS. INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL &
- FINISH KEY OR FROM THE FLOOR PLANS REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH 4
- INFORMATION. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND
- SPECIFICATIONS. 6. ALL WALLS TO RECEIVE BASE 'TB1' U.N.O
- REFER TO FINISH FLOOR PLANS FOR TRANSITIONS. 7.
- ALL GYPSUM BOARD CEILINGS TO MATCH ADJACENT EXISTING PAINT FINISH PER HAS STANDARDS
- PROVIDE 10% ATTIC STOCK ON ALL FINISHES 9.
- ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCURMENT 10. 11. 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 12. LOCATED ON THE PLANS AND ELEVATIONS.
- 13. WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN BETWEEN TWO ADJOINING WALLS. MAINTAIN A CONTINUOUS FINISH FACE OF WALL.

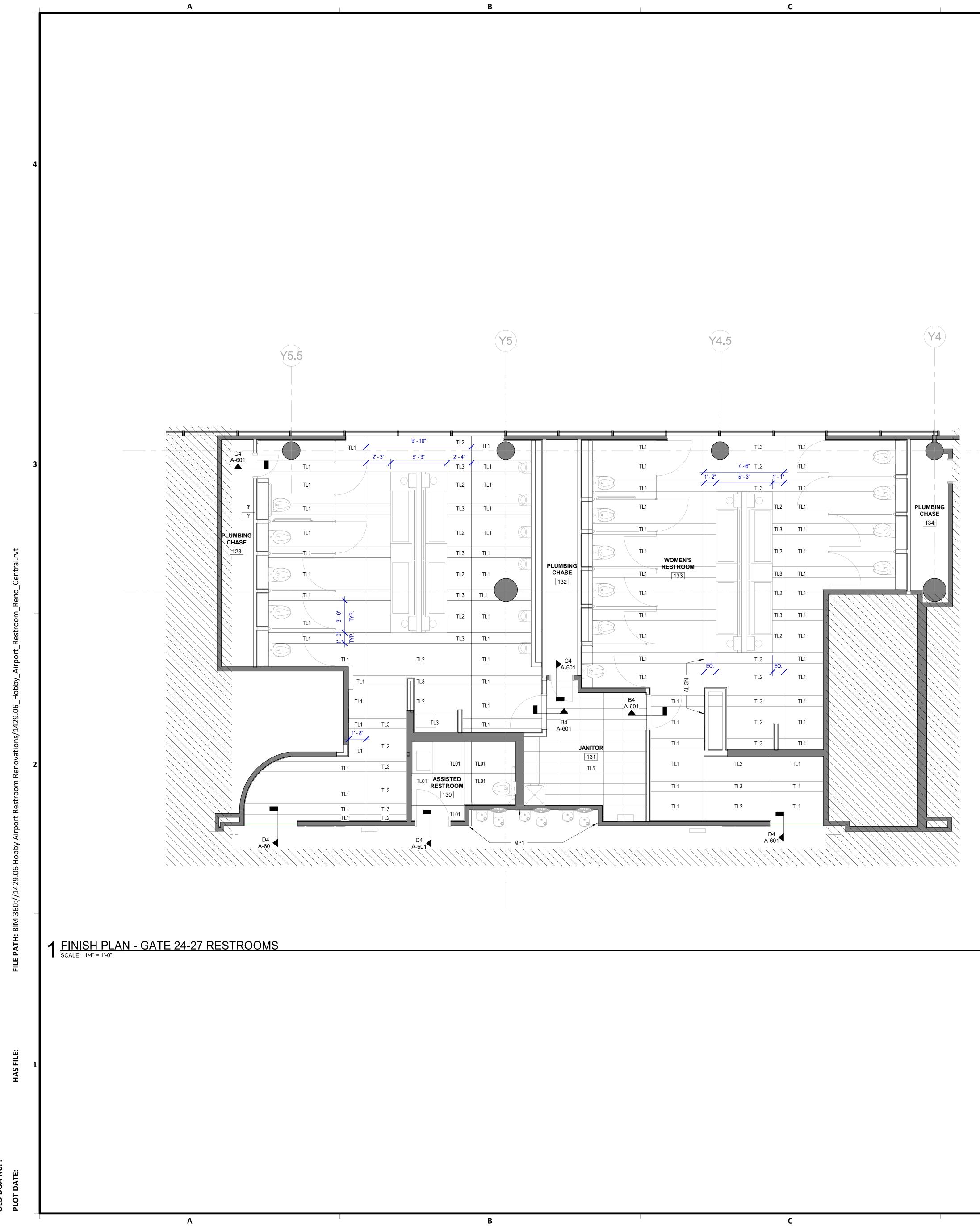
#### PAINT 1. ALL GWB CEILINGS TO RECEIVE PT01 PAINT

- ALL JANITOR CLOSET WALLS TO RECEIVE (1) COAT PRIMER AND (2) COATS PAINT PT03 ABOVE TILE WAINSCOTT, EGGSHELL FINISH U.N.O.
- ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S 3. SPECIFICATIONS FOR THE PARTICULAR SURFACE.
- 4. 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 2. SMOOTH FINISH IF INSTALLING IMPERMEABLE MATERIAL AS SCHEDULED.
- 3. 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.
- 6. TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
- 7. ALL WET AREAS TO RECEIVE EPOXY GROUT.





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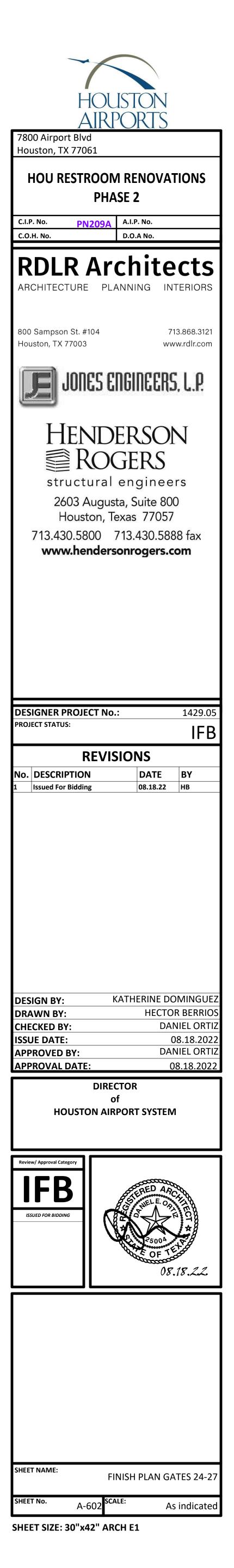
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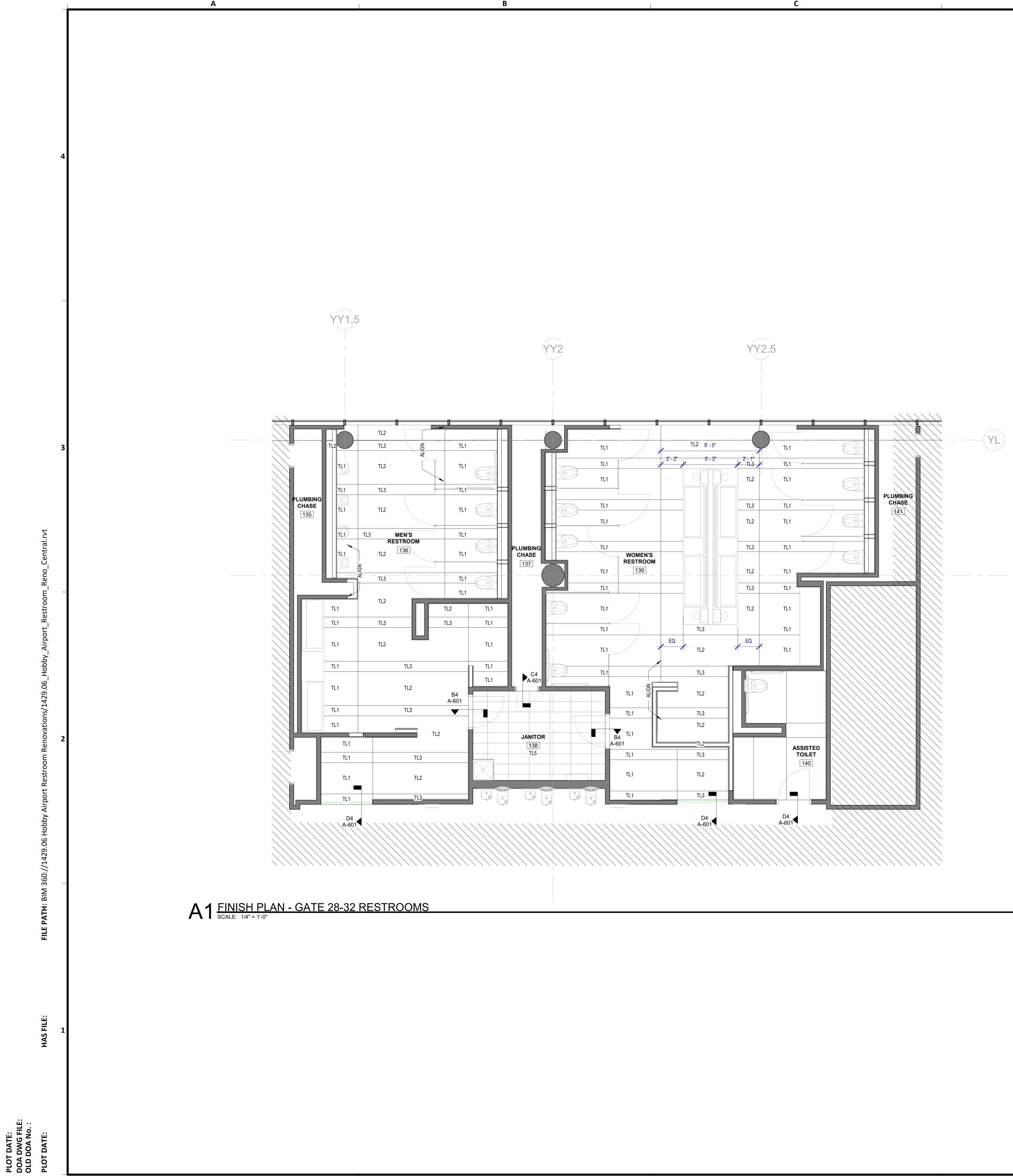
## FINISHES GENERAL NOTES

- 1. 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 2. SYMBOLS.
- INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL & FINISH KEY OR FROM THE FLOOR PLANS 3.
- REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH 4.
- INFORMATION. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND SPECIFICATIONS.
- 6. ALL WALLS TO RECEIVE BASE 'TB1' U.N.O
- 7. REFER TO FINISH FLOOR PLANS FOR TRANSITIONS.
- ALL GYPSUM BOARD CEILINGS TO MATCH ADJACENT EXISTING PAINT 8. FINISH PER HAS STANDARDS
- PROVIDE 10% ATTIC STOCK ON ALL FINISHES 9. 10. ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCURMENT
- 11. PATCH AND REPAIR FINISHES AS REQUIRED DUE TO DEMOLITION WORK AND INSTALLATION OF SIGNAGE & FIXTURES
- 12. WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS.
- 13. WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.
- PAINT 1. ALL GWB CEILINGS TO RECEIVE PT01 PAINT
- ALL JANITOR CLOSET WALLS TO RECEIVE (1) COAT PRIMER AND (2) COATS PAINT PT03 ABOVE TILE WAINSCOTT, EGGSHELL FINISH U.N.O.
- ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S 3. SPECIFICATIONS FOR THE PARTICULAR SURFACE.
- 4. ALL NEW & EXISTING DOORS TO RECEIVE PT02 PAINT.

#### FLOORING LARGE FORMAT TILE TO BE INSTALLED OVER A FRACTURE MEMBRANE 1.

- PER SPECIFICATIONS. ALL SLABS ON GRADE TO RECEIVE WATER PROOFING AND ARDEX FOR 2. SMOOTH FINISH IF INSTALLING IMPERMEABLE MATERIAL AS SCHEDULED.
- ALL CHANGES IN FLOOR MATERIAL BETWEEN ROOMS SHALL OCCUR AT 3. THE CENTERLINE OF THE DOOR U.N.O.
- GROUT COLOR TO MATCH ADJACENT STONE / TILES. ALL STONE / TILE 4. SURFACES TO BE FLUSH. NO ABRUPT LIPS OR EDGES. SUBMIT SAMPLES TO BE APPROVED BY ARCHITECT.
- 5. PROVIDE SOFT JOINT AT ALL TILE INSIDE CORNER CONDITIONS AND 90 DEGREE CORNERS AT FLOOR TILE CORNER. COLOR TO MATCH SCHEDULED GROUT.
- 6. TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
- 7. ALL WET AREAS TO RECEIVE EPOXY GROUT.





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# FINISHES GENERAL NOTES

- 1. ALL WALL/CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.9
- 2. REFER TO SHEET G-002 & G-003 FOR GENERAL NOTES, KEYS AND SYMBOLS.
- INTERIOR FLOOR FINISHES ARE REFERENCES FROM THE MATERIAL & FINISH KEY OR FROM THE FLOOR PLANS
- REFER TO INTERIOR ELEVATION SHEETS FOR ADDITIONAL FINISH 4.
- INFORMATION. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND 5.
- SPECIFICATIONS. 6. ALL WALLS TO RECEIVE BASE 'TB1' U.N.O
- 7. REFER TO FINISH FLOOR PLANS FOR TRANSITIONS.
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- 9. PROVIDE 10% ATTIC STOCK ON ALL FINISHES
- 10. ALL FINISHES TO BE VERIFIED W/ OWNER PRIOR TO PROCURMENT 11. PATCH AND REPAIR FINISHES AS REQUIRED DUE TO DEMOLITION WORK
- AND INSTALLATION OF SIGNAGE & FIXTURES 12. WHERE MULTIPLE MATERIALS, FINISHES &/OR VARIATIONS IN ELEVATION
- ARE SPECIFIED FOR A SINGLE SURFACE, REFERENCE INFORMATION IS LOCATED ON THE PLANS AND ELEVATIONS. 13. WHERE GYPSUM BOARD LAYERS DIFFER BETWEEN BETWEEN TWO ADJOINING WALLS, MAINTAIN A CONTINUOUS FINISH FACE OF WALL.

#### PAINT

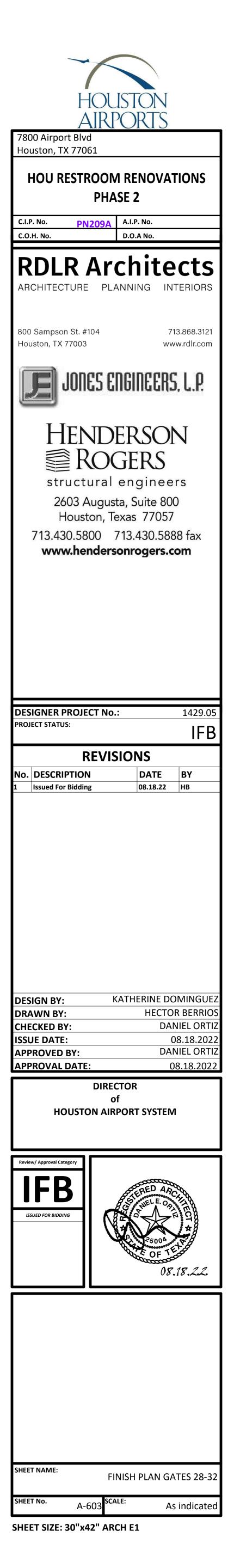
3.

- 1. ALL GWB CEILINGS TO RECEIVE PT01 PAINT
- ALL JANITOR CLOSET WALLS TO RECEIVE (1) COAT PRIMER AND (2) 2. COATS PAINT PT03 ABOVE TILE WAINSCOTT, EGGSHELL FINISH U.N.O.
- ALL PAINT TO BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S 3. SPECIFICATIONS FOR THE PARTICULAR SURFACE.
- 4. ALL NEW & EXISTING DOORS TO RECEIVE PT02 PAINT.

#### FLOORING LARGE FORMAT TILE TO BE INSTALLED OVER A FRACTURE MEMBRANE 1 PER SPECIFICATIONS.

- ALL SLABS ON GRADE TO RECEIVE WATER PROOFING AND ARDEX FOR 2 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 5. DEGREE CORNERS AT FLOOR TILE CORNER. COLOR TO MATCH SCHEDULED GROUT.
- 6. TILE BASE GROUT LINES TO ALIGN W/ WALL PANEL JOINTS.
- 7. ALL WET AREAS TO RECEIVE EPOXY GROUT.

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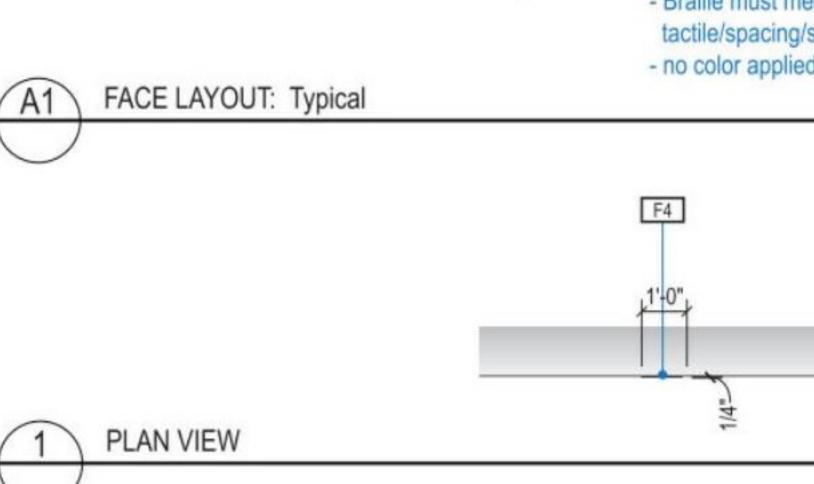
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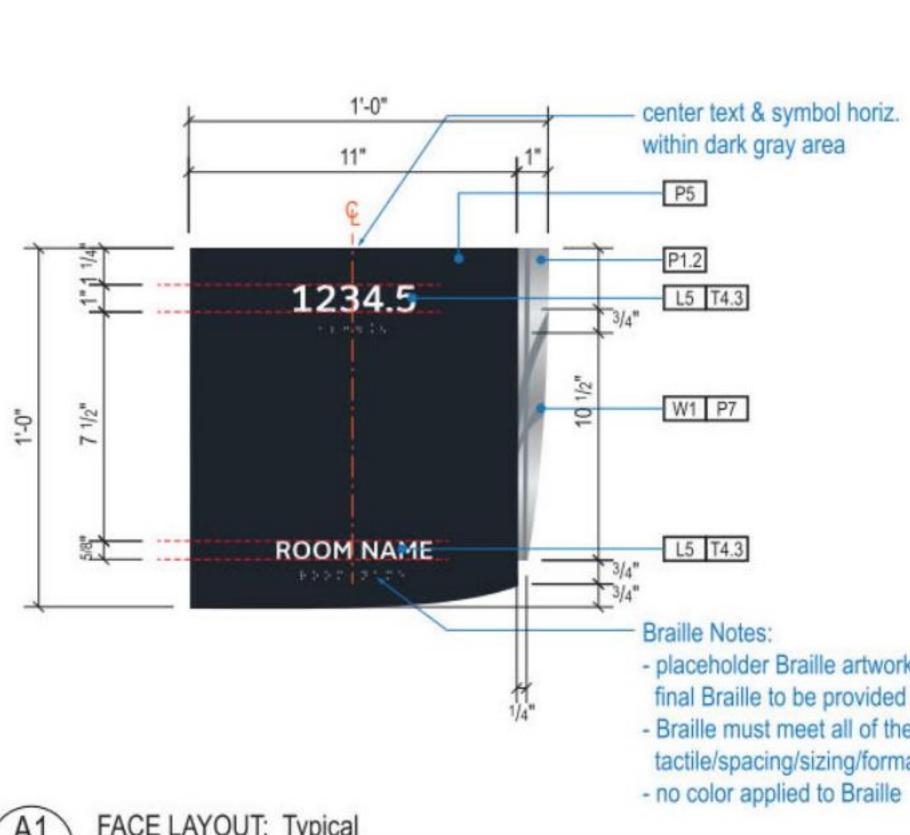
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ELEVATION

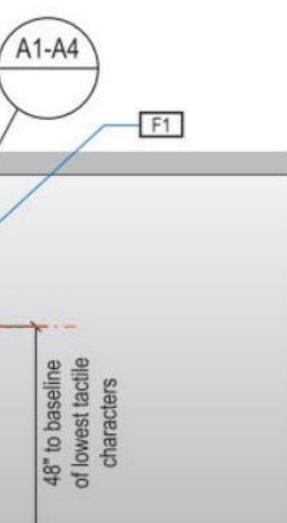
all mounting per latest TAS/ADA req. ----\_\_\_/ \_\_\_\_ 





NOTE: PROVIDE 16 ROOM SIGNS, REFER DOOR SCHEDULE FOR LOCATION.

- placeholder Braille artwork/characters shown; final Braille to be provided by Fabricator - Braille must meet all of the most recent TAS/ADA tactile/spacing/sizing/formatting requirements



#### GENERAL NOTES

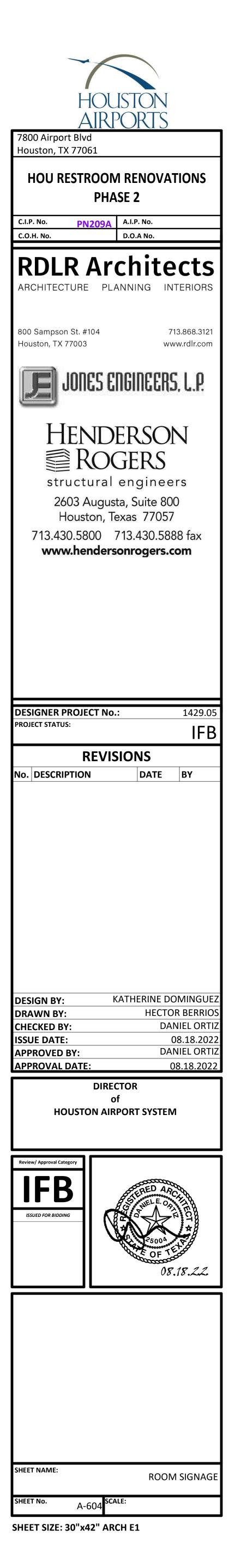
- All final design, engineering and amount/sizing of structural sign support elements, material types/thicknesses, dimensions and attachment methods shall be performed and approved by a licensed engineer to meet or exceed all applicable local and national codes.
- Final engineering, dimensions, materials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

#### DESIGN INTENT NOTES

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



- P7 Neutral Watermark: MAP paint matched to PMS 430C
- T4.3 Tactile White: White to match V4.1



A INCREMENT      A INCREMENT     A INCREM		RT I - DESIGN CRITERIA	PART I
In Control III II I	A.	GENERAL BUILDING CODE	A. DRAV
Control Contro Control Control Control Control Control Control Control Control Co	В	THE INTERNATIONAL BUILDING CODE 2012 WITH CITY OF HOUSTON AMENDMENTS.	
<ul> <li>I. MCHONE</li> <li>I.</li></ul>		1. ORIGINAL DESIGN LOADS: FLOORING FINISHES 30 PSF	
A INCREMENT      A INCREMENT     A INCREM	C.		
CONTRACTOR SERVICES     C		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	PART \
A. INSTRUMENT CARE PROJECT AND THE SAME AND RECOMMENDS SHARED EQUINARY TO THE THE SAME AND SAME AND SAM		1. ORIGINAL DESIGN LOADS:	A. QUAL 1.
<ul> <li>a basel concentration to use them and the field and the fie</li></ul>			2.
A LIDE LIDES MAY BENERICATE LISENCE ALL CONTRACT PROCESSING     A LIDE LIDES AND RESISTING ALL STREET, AND RESCART AND RE		WEIGHT.	
Benefician of the second		A. LIVE LOADS HAVE BEEN REDUCED USING THE STANDARD PROCEDURE FROM THE BUILDING CODE.	3.
A MATERIA     A MATERIA     A MOTEOLI DISTRUCTURAL MEDIANDES ALL HOT ROLLED STEEL PLATES SHAPER.     A ADM SEPARATE HOW STEEL CONFORMING TO ARTM MEDIANCE (CARL)     A STM SEPARATE HOW STEEL CONFORMING TO ARTM MEDIANCE, ICAN LAND AND AND AND STATES     A ADM SEPARATE HOW STEEL CONFORMING TO ARTM MEDIANCE, ICAN LAND AND AND AND SALES     A ADM SEPARATE HOW STEEL CONFORMING TO ARTM MEDIANCE, ICAN LAND AND AND AND SALES     A HOT ROLL HARD SALES AND AND SALES AND AND AND AND SALES AND AND AND AND SALES     A HOT ROLL HARD SALES AND AND AND SALES     A HOSE SATING AND HARD AND AND HARD AND HARD HARD AND HARD		REDUCTION HAS BEEN MADE, EXCEPT THAT THE DESIGN LIVE LOAD ON MEMBERS SUPPORTING TWO OR MORE FLOORS HAS BEEN REDUCED A MAXIMUM OF 20 PERCENT BUT THE LIVE LOAD IS NOT TO BE LESS THAN	4.
A CONSIGNATION AND INFORMATION AND STRUCTURES UNDER TO ALL DISTRUCTURES UNDER THE ONLY THE CONSTANT OF THE ONLY ONLY ONLY ONLY ONLY ONLY ONLY ONLY	Pł	RT II - STRUCTURAL STEEL	PART \
AND BANK BENCH DE NEU STELL CONFORMING TO ASTM SPECIFICATION     A DE SATU SPECIFICATION AND CRACE CERVY MARKE TENDOR LOOKED EN THE ADDITIONED AND CRACE CERVY MARKE TENDOR LONGED SUFFACES, FOR THE DIPLOSE OF THE UNKNESS AND THE DIPLOSE OF THE ADDITIONED AND CRACE SITUATES AND CLARES AND THE DIPLOSE OF THE ADDITIONED AND CRACE SITUATES AND CLARES AND THE DIPLOSE OF THE DIPLO	А.		
PUBBOIC CONTRACT DOCUMENTS		<ul><li>AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM SPECIFICATION.</li><li>ASTM SPECIFICATION AND GRADE: CLEARLY MARK THE GRADE OF STEEL ON EACH</li></ul>	1.
1) ALL CONVECTION MATERIAL EXCEPT AS NOTE OTHERWISE HELEIN 10 ON THE DAYAGES, INCLUDING SHAMIN PLATES USES FAIL 10 ON THE DAYAGES, INCLUDING SHAMIN PLATES USES AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AS AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AS AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AS AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AS AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AS AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER STEEL AND THE STEEL HOT INICATES OTHER AND 10 OTHER AS AND THE AS AND THE AS AND THE AS AND 10 OTHER AND THE STEEL AND THE ASSAULT AND AND AND AND 10 OTHER AND THE STEEL AND AND AND AND AND AND AND AND AND 10 OTHER AND THE STEEL AND AND AND AND AND AND AND AND 10 OTHER AND		PURPOSE OF FIELD INSPECTION OF PROPER GRADE OF STEEL. UNLESS NOTED OTHERWISE ON THE DRAWINGS, STRUCTURAL STEEL SHALL BE AS FOLLOWS: A. HSS: ASTM A 500, GRADE B (FY=46 KSI)	2.
CONFIGURATION ASTIMA 35 KUNCHES AND THE BASE AND STREAM AND STRUCTURE THE RESULTS AND STREAM AND ST		1) ALL CONNECTION MATERIAL, EXCEPT AS NOTED OTHERWISE HEREIN OR ON THE DRAWINGS, INCLUDING BEARING PLATES, GUSSET	3.
CONFORM TO STILL SP2 CRASTING A 52, CRADE 50, EXCEPT PLATES AND ANG USE THAT SHALL BE ASTA A 33. B. CONNECTIONS C. FIRUCURAL BOLTS AND THREADED FASTENERS C. STRUCTURAL BOLTS AND THREADED FASTENERS C. A 305 ROLTS ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A 305 ROLTS ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A 305 ROLTS ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM A 305 ROLTS ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), CONTRACT DOCUMENTS C. UNESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), EXXXX (SMMM), F70CEXXX (SMM, BR70S-X (SMMM), OR EXXX, (FGAM), C. UNTRACT DOCUMENTS C. IT IS THE RESULT OF THE GENERAL CONTRACTOR TO OSTAN ALL CONTRACT DOCUMENTS AND LATERAL SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ATTERAL SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANE FRAN, SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANE FRAN, SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANE FRAN, SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANE FRAN, SUPPLY (SMMM SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANE FRAN, SUPPLY (SMMM SUCH DOCUMENTS C. CONTRACTOR STRUCTURAL AND CONTRACTOR SHALL SUBMIT SUCH BOCUMENTS C. THE CONTRACTOR SHALL AND AND SHALL SE SUBCONTRACTOR SHALL SUPPLY (SMMM SUPPLY (SMMM SUPPLY)) C. EXXXX (SMMM SUPPLY) C. CONFLICTION MEANS, METHOD STRUCTURAL MEMBERS, THE ADD SHOTED STRUCTURAL MEMBERS. C. CONFLICTION STRUCTURAL CONTRACTOR SHALL CONTRACTOR THE ADD SECTION ON THE STRUCTURAL DORAMINGS AND REPORT AND DISCTED AND SECTION OF ANY SUPPLY (SMMM AND SAMD, SETIO STANLE SOLENCE NOT STRUCTURAL MEMBERS, MOUNTING SAMD REPORT AND DISCTED AND SECTIONS. C. CONFLICTION STRUCTURAL CONTRA		CONFORM TO ASTM A 36 UNLESS A HIGHER GRADE OF STEEL IS REQUIRED BY STRENGTH AND PROVIDED THE RESULTING SIZES ARE COMPATIBLE WITH THE CONNECTED MEMBERS.	4.
1. IF INCLUDED, REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.     STRUCTURAL ROLTS AND THREAGED PASTENERS     1. ASS 500-TIS ALL BOLTS IN STRUCTURAL CONCORDING SHALL CONFORM TO ASTM     ASS TYPE I, UNLESS INDECTED OTHERWISE ELECTRODES FOR IVELDING SHALL CONFORM TO     STRUCTURAL SOLTS OF THERWISE ELECTRODES FOR IVELDING SHALL CONFORM TO     EVEX.(SMAW), F7X-EXXX (SMAW), E77X-EXXX (SMAW), B77X-EXXX (SMAW), B		CONFORM TO ASTM A 992 OR ASTM A 572, GRADE 50, EXCEPT PLATES AND	5.
1. A 325 BOLTS: ALL BOLTS IN STRUCTURAL CONNECTIONS SHALL CONFORM TO ASTM     232 TYPE 1, UNLESS NOTED OTHERWISE ON THE DRAWINGS.     1. WELDING     1. UNLESS NOTED OTHERWISE ELECTRODES FOR WELDING SHALL CONFORM TO     ETDX (SMAW), F7XX-EXX (SMAW), CR ETXTX, FCAW).     FORT THE - MISSCELLANECOUS     A CONTRACT DOCUMENTS     1. OTHIS THE RESPONSIBILITY OF THE CENERAL CONTRACTOR TO DISTAN ALL     CONTRACT DOCUMENTS AND MATERIAL SUPPLIES PRIOR TO THE SUBMIT SUCH DOCUMENTS     TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIES PRIOR TO THE SUBMIT SUCH DOCUMENTS     TO ALL SUBCONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT     THE FEASIBLE STRUCTURAL DRAWINGS AND SECOFT ANY DISCREPANCY BETWEEN ACAD SET OF     DRAWING CONTINUES AND RETHEVENT AND DISCREPANCY BETWEEN ACAD SET OF     DRAWING SONTING THE CONTRACTOR SHALL COMPARE THE ARCHITECTURAL MADERER     PRIOR TO THE FARING TO REPORT ANY DISCREPANCY BETWEEN ACAD SET OF     DRAWINGS AND THE DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN ACAD SET OF     DRAWINGS AND THE DRAWINGS AND REPORT ANY STRUCTURAL MEMBERS     THE STRUCTURAL DRAWINGS AND REPORT ANY STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEENT ACAD SET OF THE     STRUCTURAL DRAWINGS AND REPORT TO THE CARRESTING SUBJOINTING AT THE XOR SET, AND REPORT ANY     DISCREPANCES FROM ASHED CONTR	B.		6.
9. WELDING     1. WILLESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO     EXTX (SMAW), F772-VELOX (SAW), ET72-X (FCAW).     9	C.		
<ul> <li>EVEX. (SMAW), F7XX-EXXX (SMAW), ER705-X (SMAW), OR EXXT-X (FCAW).</li> <li>PART III - MISCELLANEOUS</li> <li>A. CONTRACT DOCUMENTS</li> <li>I. ITS THE RESONABLITY OF THE GENERAL CONTRACTOR TO OBJAIN ALL OBJAIN STRUCTURATIONS AND LATEST ADDRESS AND TO SUBJIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERNAL SUPPLIES PROR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS. AND EXECTION IN THE FEEL</li> <li>THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FIRING STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN DO NOT NOICASE THE METHOD OR NEARO OF CONSTRUCTION THE CONTRACTOR SHALL SUPERVISE AND DRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, ECHNIQUES, AND SEQUENCE.</li> <li>DRAWING CONFLICTS</li> <li>THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHTECTURAL AND STRUCTURAL DRAWINGS AND REPORT AND DISCREPANCY BETWEEN EACH SHOT OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHTECTURAL AND STRUCTURAL CONTRACTOR SHALL COMPARE THE ARCHTECTURAL AND ENGINEER PROR TO THE FABRICATION AND INSTRUCTURAL MEMBERS.</li> <li>CONFLICTS IN STRUCTURAL REQUIREMENTS</li> <li>WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACTOR SHALL CONTRACTOR SHALL CONFRACT THE STRUCTURAL MEMBERS.</li> <li>CONFLICTS IN STRUCTURAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS</li> <li>THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS</li> <li>THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE LONG STRUCTURAL MEMBERS.</li> <li>WORK SHOWN ON THE DRAWINGS IS NEW. UNLESS NOTED AS EXISTING CONSTRUCTION SAME SHOW ON THE DRAWINGS OF SHALL BE PREPORTABLITY ON THE EXISTING CONSTRUCTION AND AND ERECTION OF ANY MEMBERS.</li>     HORCONFLICTING DURING SINCE ON STRUCTION AND</ul>	D.		7.
<ul> <li>CONTRACT DOCUMENTS</li> <li>IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDEADA 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 FELD.</li> <li>THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FENDED STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FEILD.</li> <li>THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FENDES AND DIRCTER AND, EXCERNITY WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE WETHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRCT THE WORK AND SHALL ES COLLEV RESPONSIBLE FOR ALL CONSTRUCTION MEANS. METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.</li> <li>DRAWING CONFLICTS</li> <li>THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEE EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS CONTRACTOR SHALL SUPERVISION AND WITHIN EACH SET OF DRAWINGS CONTRACTOR SHALL CONSTRUCTURAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL CONTRACTOR SHALL SCHOOL OF ANY STRUCTURAL MEMBERS.</li> <li>CONFLICTS IN STRUCTURAL REQUIREMENTS</li> <li>WERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACTOR SHALL VEREY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILLONG AT THE VARIOUS AND CONDITIONS OF THE STRUCTURAL REQUIREMENTS.</li> <li>WORK SHOWN ON THE DRAWINGS IS NEW. UNLESS NOTED AS EXISTING.</li> <li>EXISTING CONSTRUCTION ASSUMED CONDITIONS SHOWN ON THE DRAWINGS OF THE ARCHITECT AND DENDERMENTS AND LIMITED SET DOBERVATION MEMBERS.</li>      WORK SHOWN ON THE DRAWINGS IS NEW. UNLESS NOTED AS EXISTING. <li>EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED THE RECONTRACTOR SHALL SERVICICION AND LENGTON AND DESCREPANCES ROWN SCHOWN ON THE DRAWINGS WAS DETAINED INFORMATION.</li></ul>			_
<ol> <li>IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMINIST SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND ANTERNAL SUPPLICES PRIOR TO THE SUBMITIAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.</li> <li>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 SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.</li> <li>DRAWING CONFLICTS</li> <li>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 ARCHITECTURAL MEMBERS.</li> <li>CONFLICTS</li> <li>WHERE CONFLICT SUST AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS OF THE STRUCTURAL CONTRACT DOCUMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.</li> <li>EXISTING CONDITIONS</li> <li>THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SMOWN ON THE DRAWINGS OF THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.</li> <li>WORK SHOWN ON THE DRAWINGS OF EXISTING CONSTRUCTION AND REPORT ANY DISCREPANCIES FOR STRUCTION DOCUMENTS AND AND ERECTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.</li> <li>EXISTING CONSTRUCTION ORDUMENTS AND</li></ol>	PA	RT III - MISCELLANEOUS	
TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PROLETS 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 SPECIFICATIONS REPRESENT OF A STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE. 3. DRAWING CONFLICTS 3. THE 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 ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECTURAL MEMBERS. C. CONFLICTS 3. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL MEMBERS. D. EXISTING CONDITIONS 3. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS, TO THE MEMBERS. 3. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING. 3. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS NOT AND ERECTION OF ANY MEMBERS. 4. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING. 3. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ON STALL FERD REPORT ANY MEMBERS. 4. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING. 5. THE CONSTRUCTION SHOWN ON THE DRAWINGS ON STALL FERD REPORT ANY MEMBERS. 5. THE CONSTRUCTION SHOWN ON THE DRAWINGS ON STALLE FOR CONTRACTOR NECESSARILY COMPLETE. THE CONTRACTOR SHALL SERVISING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR NECESSARILY COMPLETE. THE CONTRACTOR OF ANY MEMBERS. 5. THE ORDER TO REPORT AND MEMBATICLY AND APPROVAL OBTINED THE REPORT OF REMOVAL. 5. THE CONTRACTOR SHALL SAFELY SHORE CONTRACTOR ANALLE FOR CONTRACTOR NEW WORK, ALL SHORE DER	A.	1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL	
<ul> <li>THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE WHONG 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.</li> <li>DRAWING CONFLICTS</li> <li>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.</li> <li>CONFLICTS IN STRUCTURAL REQUIREMENTS</li> <li>WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, AND DCATED BY THE ENGINEER, SHALL GOVERN.</li> <li>WHERE CONFLICTENSTS MUONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.</li> <li>THE STRUCTURAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB STRE AND REPORT ANY DISCREPANCES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.</li> <li>WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.</li> <li>EXISTING CONSTRUCTION DOCUMENTS AND INTEED SHOW ROS SHALL DE FROM EXISTING CONSTRUCTION DOCUMENTS AND INTEED STRUCTURAL OR ANY MEMBERS.</li> <li>WORK SHOWN ON THE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE ORAWINGS OF EXISTING CONSTRUCTION ARE NOT NECESSARIL VCOMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.</li> <li>DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL OR MEMORY AL OF THA</li></ul>		TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN	
<ol> <li>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.</li> <li>CONFLICTS IN STRUCTURAL REQUIREMENTS</li> <li>WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTURAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS</li> <li>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.</li> <li>WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.</li> <li>EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION DOCUMENTS AND LIMITED SITE DOSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE, HOWEVER, THE AVAILABLE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED INFORMATION.</li> <li>DEMOLITION CUTTING, DRILLING ETC. OF EXISTING CONSTRUCTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.</li> <li>DEMOLITION CUTTING, DRILLING ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING SHENES.</li>     THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING SHALL</ol>		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	
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<ol> <li>WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, THE STRUCTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.</li> <li>EXISTING CONDITIONS</li> <li>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.</li> <li>WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.</li> <li>EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION DOCUMENTS AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE NOT NECESSARLY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.</li> <li>DEMOLTION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL ONTARCHITECTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL ONTARCTOR SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL UNTERFERER WITH THE NEW WORK, THE ARCHITECT SHALL BAFELY SHORE EXISTING CONSTRUCTION MORK, THE ARCHITECT SHALL SAFELY SHORE EXISTING CONSTRUCTION WHEREVER EXISTING SUPPORTS ARE REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODO SAME REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODO SAME REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODO SAME REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODO SAME REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODOS AND REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODOS AND REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODOS AND REMOVED TO ALLOW THE INSTALLATION OF NEW WORK, ALL SHORING METHODOS A</li></ol>		DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER	
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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.		DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED: a. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED	
b. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED IN ACCORDANCE WITH DIVISION 00/01 ON SUBSTITUTIONS WITH THE REQUEST.		b. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED IN ACCORDANCE WITH DIVISION 00/01 ON SUBSTITUTIONS WITH THE REQUEST.	
1)       THE ICC-ESR (EVALUATION SERVICE REPORT) THAT IS SUBMITTED         MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT         IS PERMITTED.         2)         ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME		MUST REFERÈNCE THE BUILDING CODE UNDÉR WHICH THE PROJECT IS PERMITTED.	
2. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.		OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED.	

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

## NOTES

## - DRAWING INTERPRETATION

NG VIEWS LABELED AS "TYPICAL"

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

## - SPECIAL INSPECTIONS

Y ASSURANCE AND SPECIAL INSPECTIONS

OWNER WILL ENGAGE AN INDEPENDENT TESTING AGENCY TO PERFORM THE FOLLOWING INSPECTION AND TESTING IN ACCORDANCE WITH THE REQUIREMENTS OF IBC SECTION 1704, 1707, AND 1708. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PRIOR NOTICE FOR COMPLETION OF SUCH.

SPECIAL INSPECTION SHALL BE REQUIRED FOR THE FOLLOWING TYPES OF WORK: FIELD WELDING (EXCEPT STEEL STUDS, FURRING CHANNELS, ETC.). HIGH STRENGTH BOLTING. ANCHOR STUDS.

EMBEDDED PLATES AND EXPANSION TYPE ANCHOR BOLTS. COLD FORMED METAL STUD FRAMING.

TEN (10) PERCENT OF DRILLED-IN, EPOXY OR GROUT SET ANCHORS SHALL BE PROOF TESTED TO TWO (2) TIMES ALLOWABLE TENSION. NOTIFY ARCHITECT/ STRUCTURAL ENGINEER OF ANY FAILURE SO ADDITIONAL TESTING OF ADJACENT ANCHORS CAN BE DIRECTED.

QUALITY ASSURANCE PLAN SHALL BE PROVIDED IN ACCORDANCE WITH IBC SECTION 1705.

## I - COLD-FORMED STEEL

FORMED STEEL STRUCTURAL MEMBERS

В

STEEL STRUCTURAL MEMBERS SHALL BE THE SIZE AND GAUGE SHOWN ON THE DRAWINGS. ALL STUDS, JOISTS AND TRACK SHALL CONFORM TO THE METAL STUD MANUFACTURER'S SSOCIATION SPECIFICATIONS, ICBO NO. 4943. MEMBERS SHALL BE FORMED FROM STEEL HAVING A MINIMUM 33,00 PSI YIELD POINT FOR 25 GAUGE THROUGH 18 GAGE AND A MINIMUM 50,000 PSI YIELD POINT FOR 16 GAUGE THROUGH 12 GAUGE.

WELDING OF STEEL STRUCTURAL MEMBER CONNECTIONS SHALL BE DONE USING FILLET, BUTT OR SEAM WELDS WITH A MINIMUM 3/32" AWS TYPE 6013 WELDING RODS. ALL WORK SHALL BE COMPLETED BY WELDERS QUALIFIED IN WELDING OF SHEET STEEL IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.3 STANDARDS.

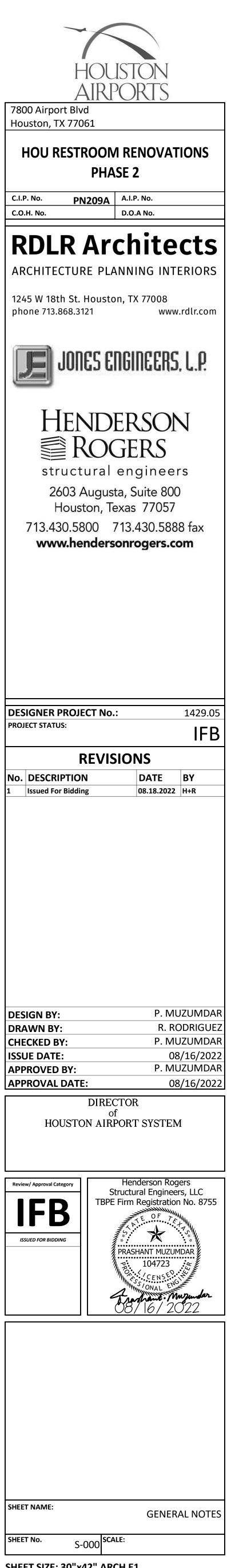
WELDED OR SCREWED SPLICES SHALL BE USED FOR ALL CONTINUOUS TRACKS. WIRE TYING OF STUD FRAMING COMPONENTS SHALL NOT BE PERMITTED.

STEEL STRUCTURAL STUD WALL BRIDGING SHALL BE SPACED EVENLY AT 5'-0" O.C. MAX. WHERE GYPSUM WALL BOARD INSTALLED PER IBC SECTION 2508 DOES NOT CONTINUE FULL HEIGHT ON BOTH SIDES OF THE WALL.

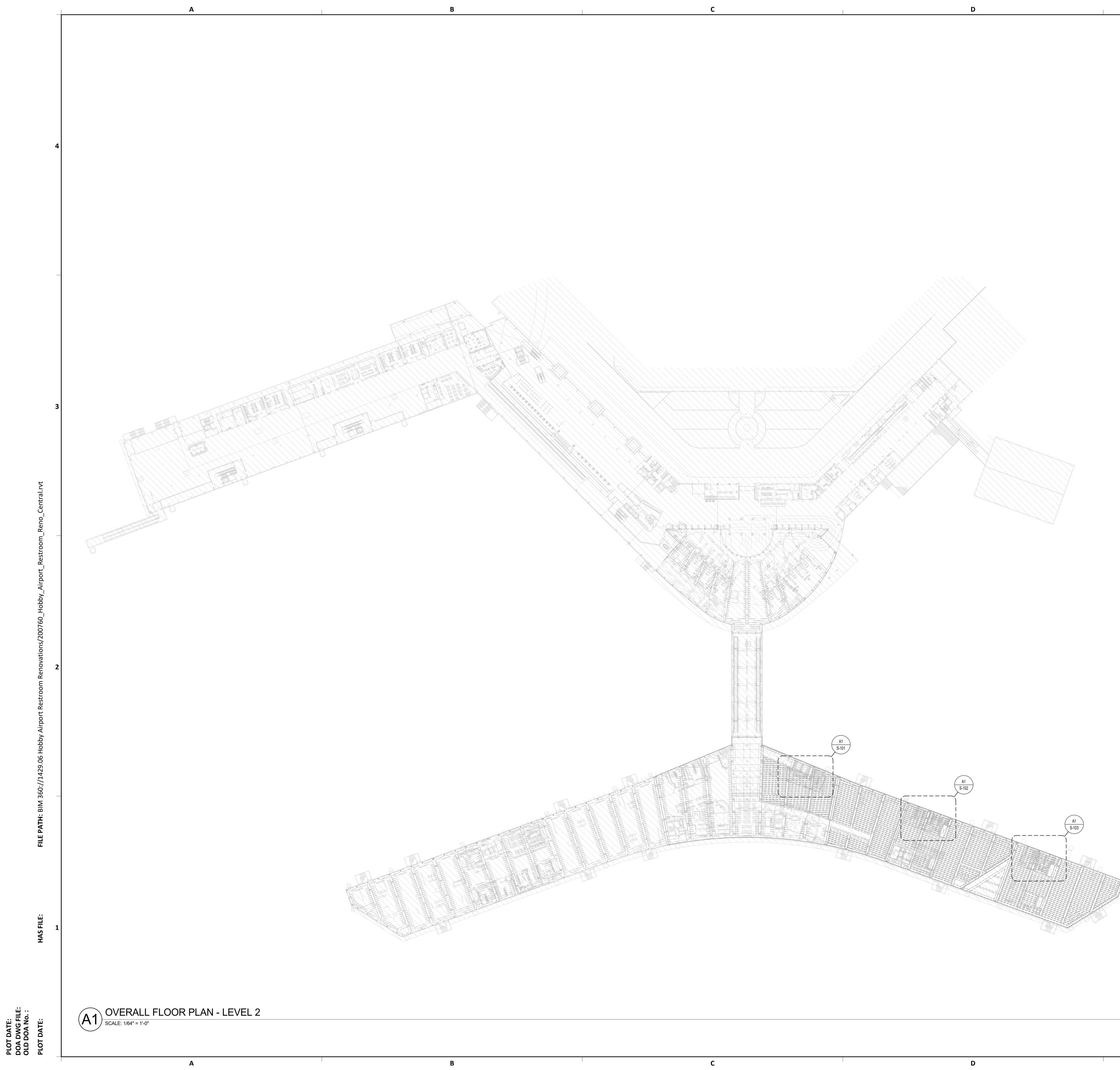
WEB PUNCH-OUTS SHOULD BE COORDINATED WITH BRACING AND UTILITY REQUIREMENTS. WEB PUNCH-OUTS OR WEB OPENINGS SHOULD NOT BE LOCATED AT STUD OR JOIST BEARING POINTS.

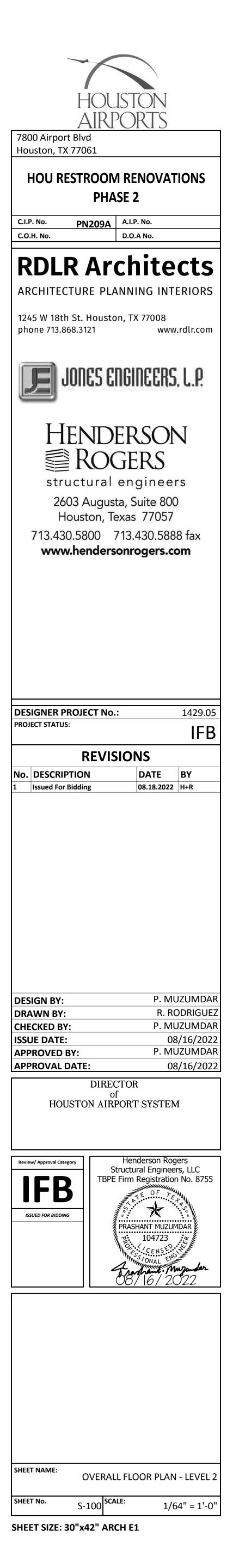
STEEL STRUCTURAL STUD TRACK OF THE SAME GAUGE AS THE STUDS SHALL BE USED AT THE TOP AND BOTTOM OF ALL STUD WALLS. STUDS SHALL SIT FLAT AGAINST THE WEB OF THE STUD TRACK AND BE ATTACHED WITH 1-#8 x 1/2" SCREW EACH SIDE OF EACH STUD, UNLESS NOTED OTHERWISE.

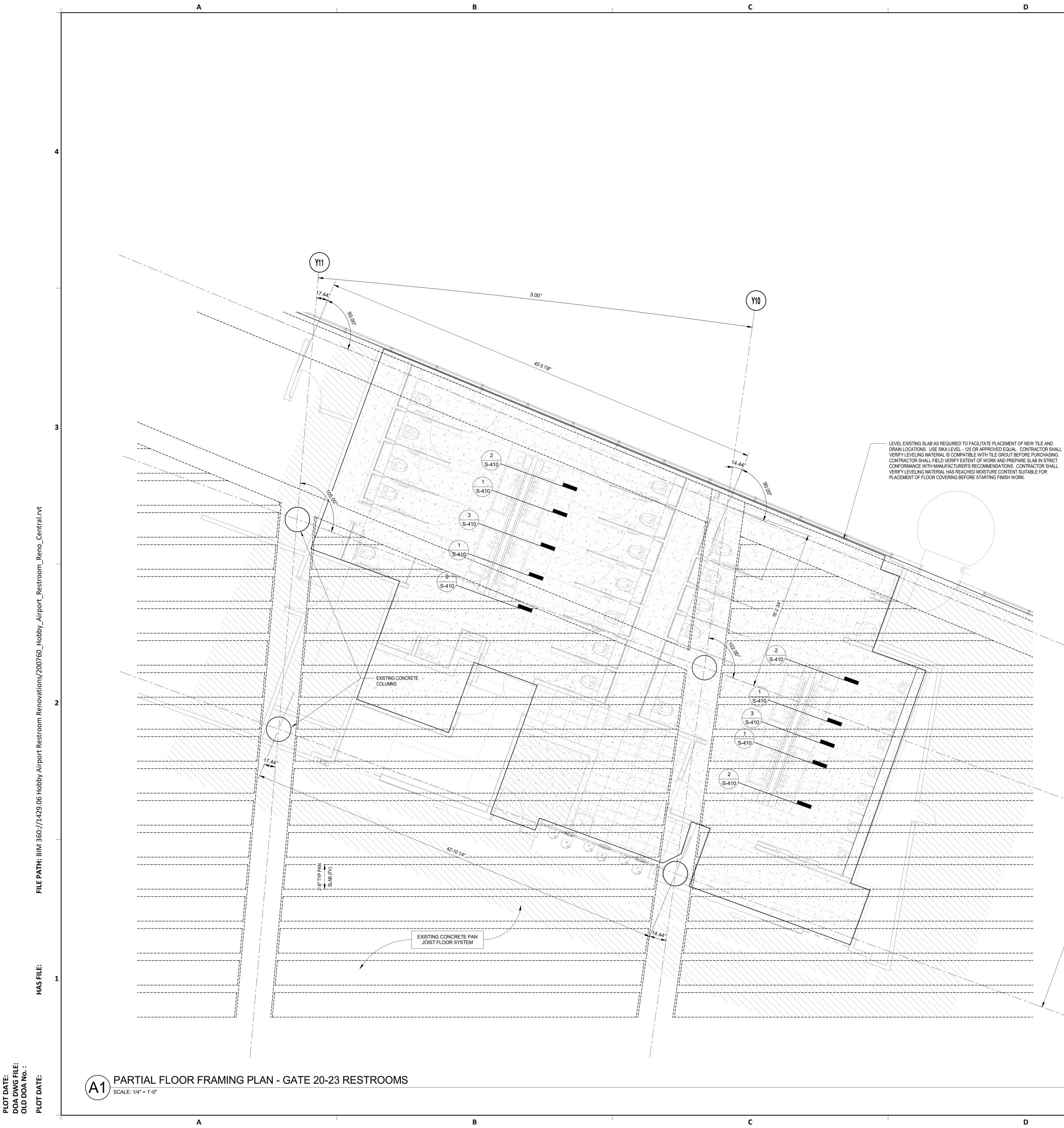
SCREWS SHALL BE SELF-DRILLING AND TYPE S-12, ASTM C-954, EXCEPT THAT TYPE S, ASTM C-1002, MAY BE USED FOR 20 GAUGE OR 22 GAUGE MATERIAL ONLY. SCREWS SHALL BE 3/8" TO 1/2" LONGER THAN TOTAL MATERIAL THICKNESS.



SHEET SIZE: 30"x42" ARCH E1





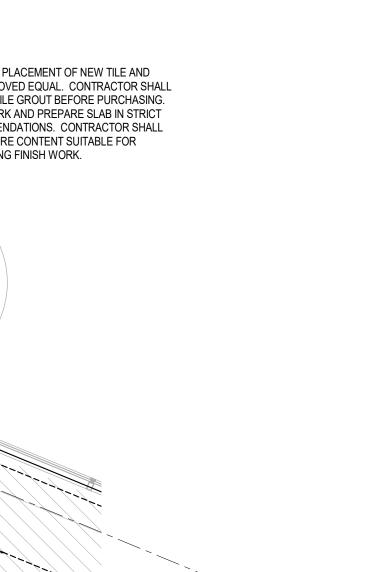


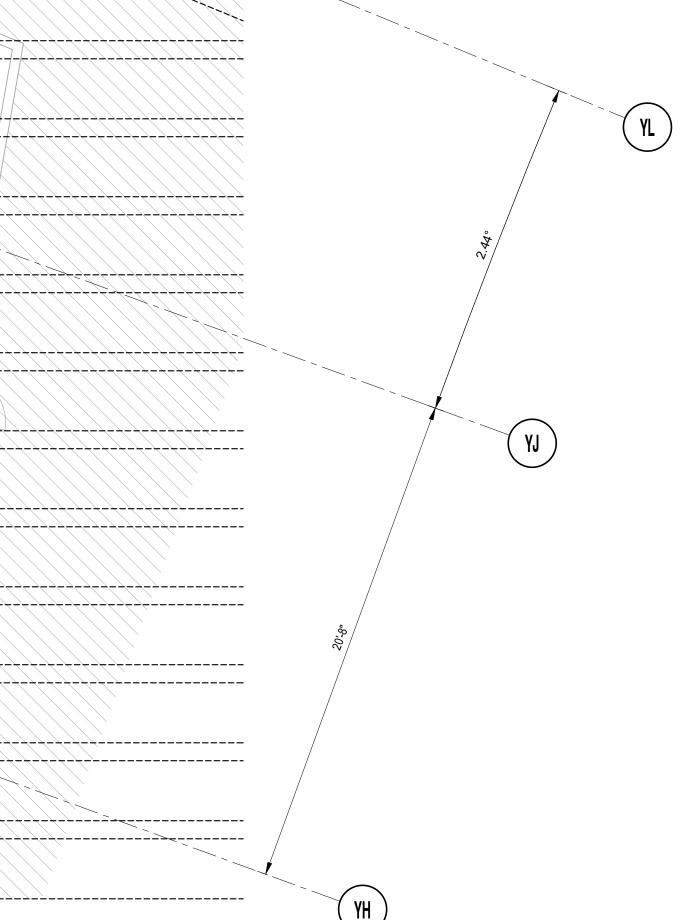
## PLAN NOTES:

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THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.

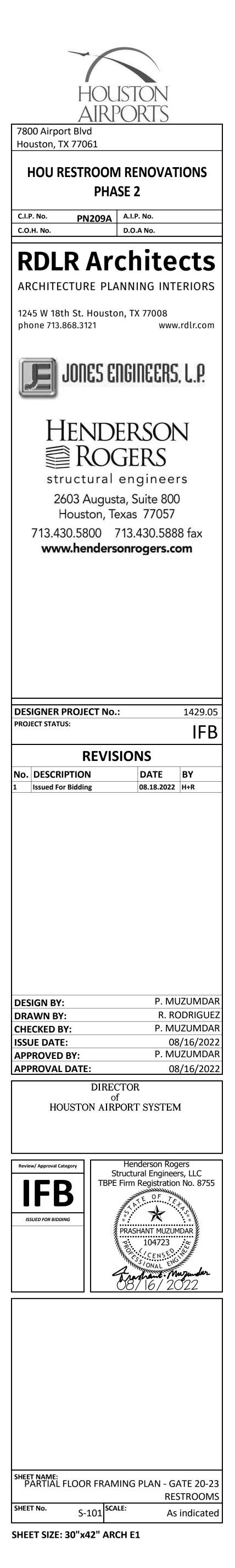






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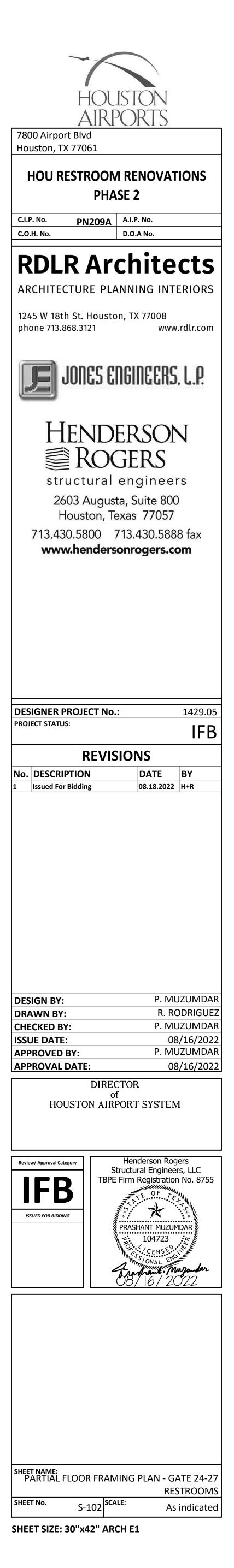
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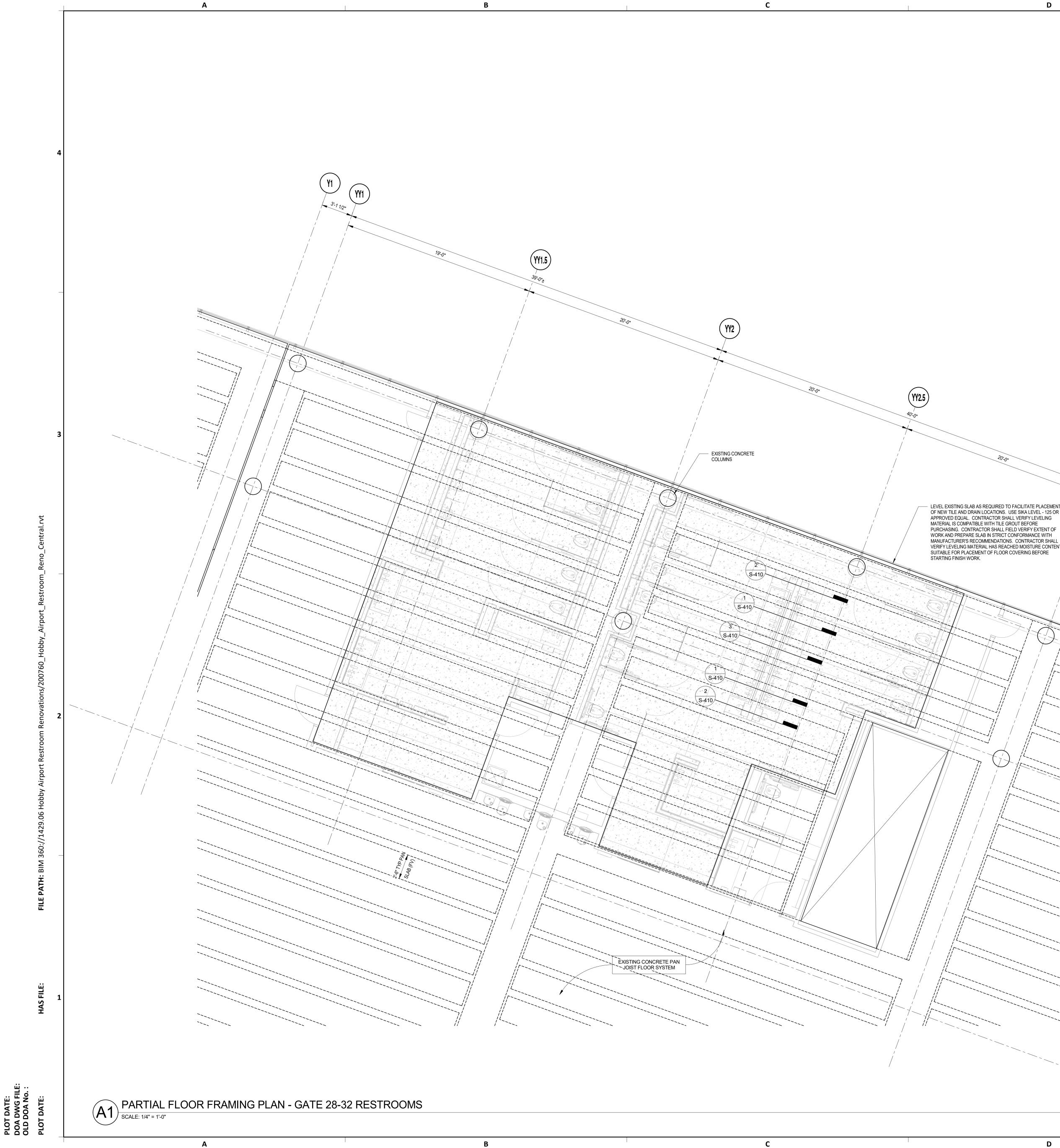




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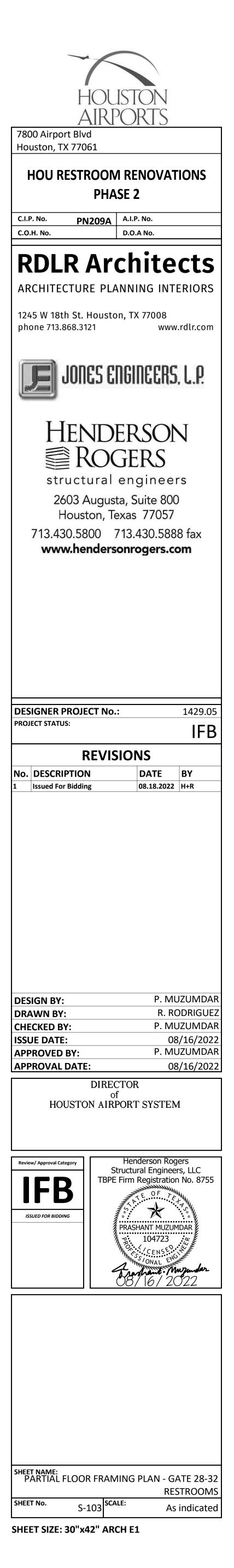


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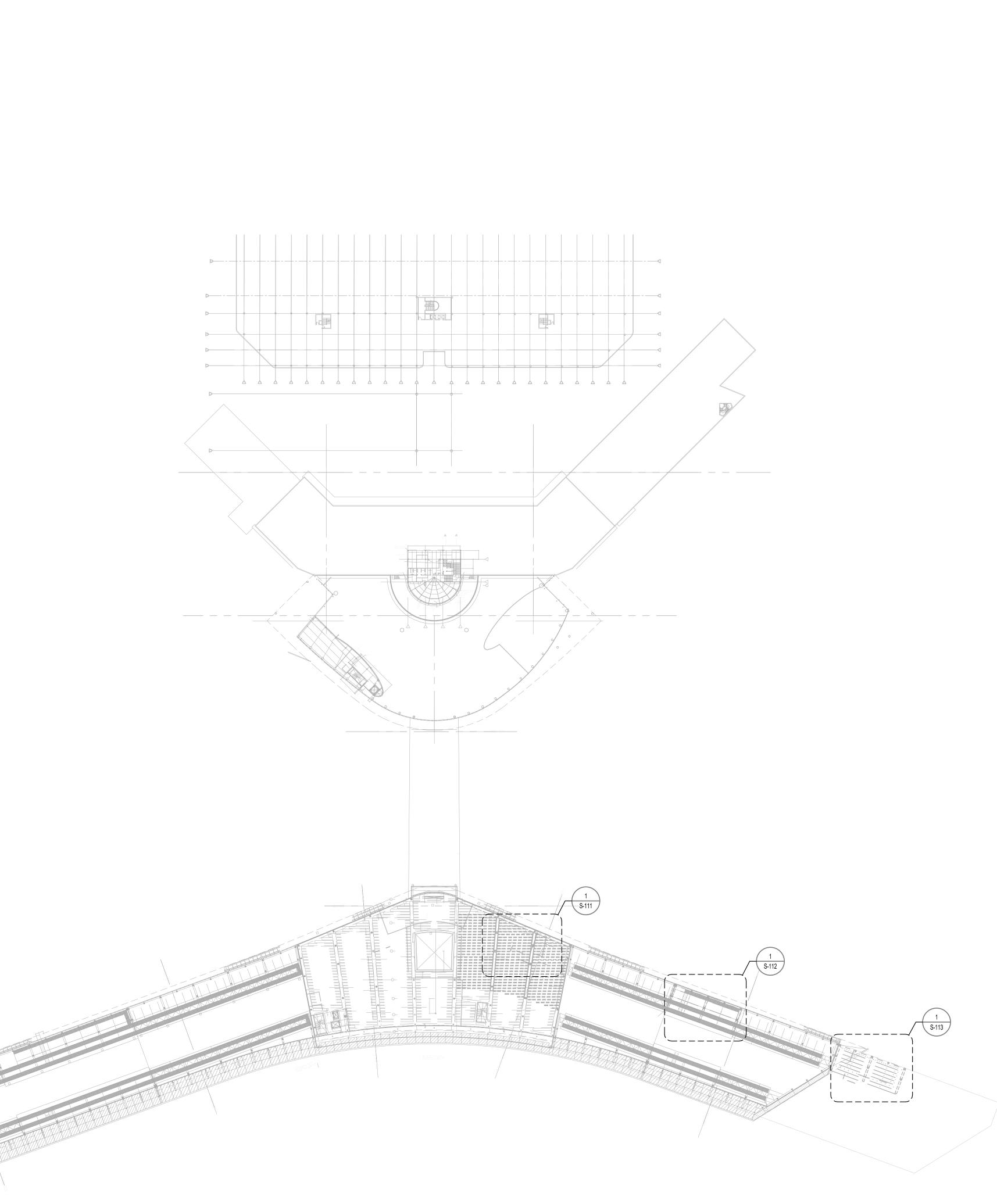
**YY3** - LEVEL EXISTING SLAB AS REQUIRED TO FACILITATE PLACEMENT OF NEW TILE AND DRAIN LOCATIONS. USE SIKA LEVEL - 125 OR MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL VERIFY LEVELING MATERIAL HAS REACHED MOISTURE CONTENT SUITABLE FOR PLACEMENT OF FLOOR COVERING BEFORE STARTING FINISH WORK. (YL) (YJ)

( YH

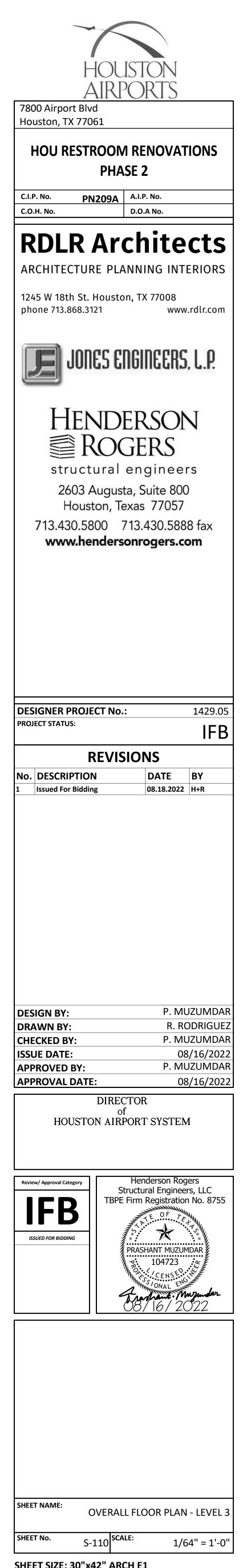


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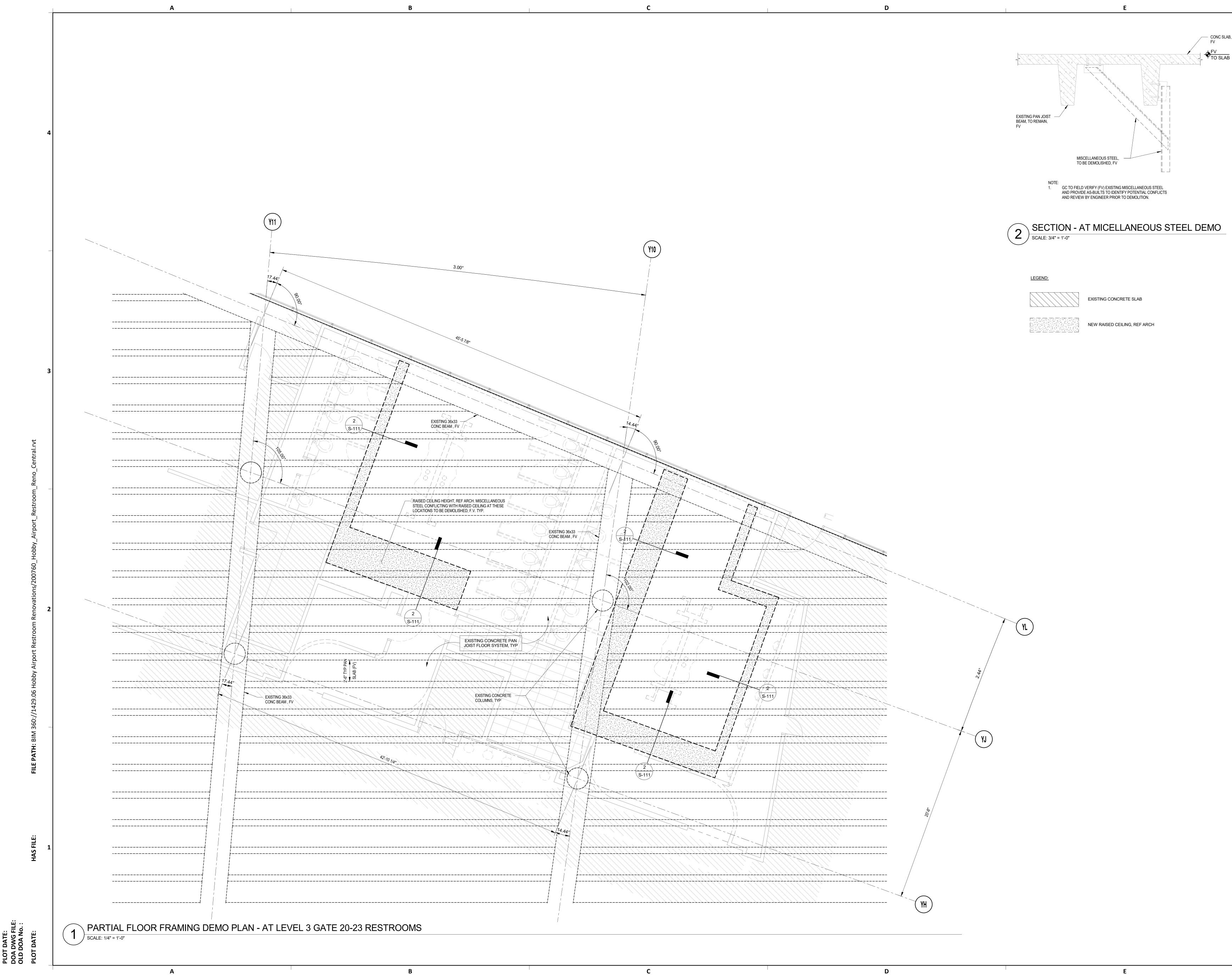
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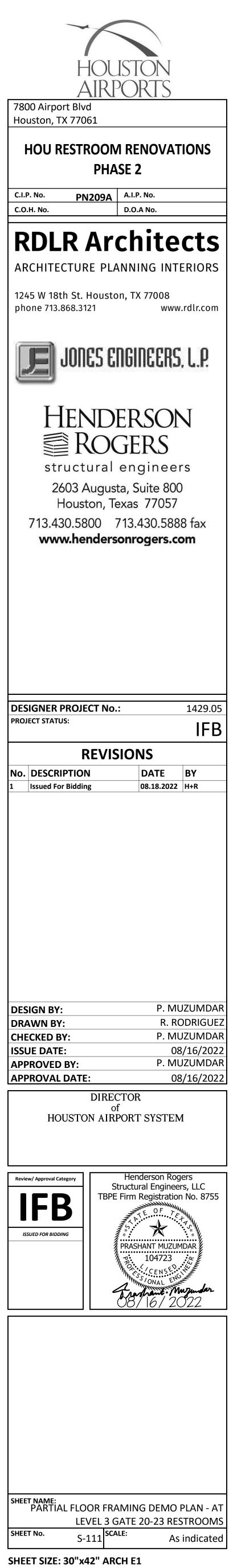


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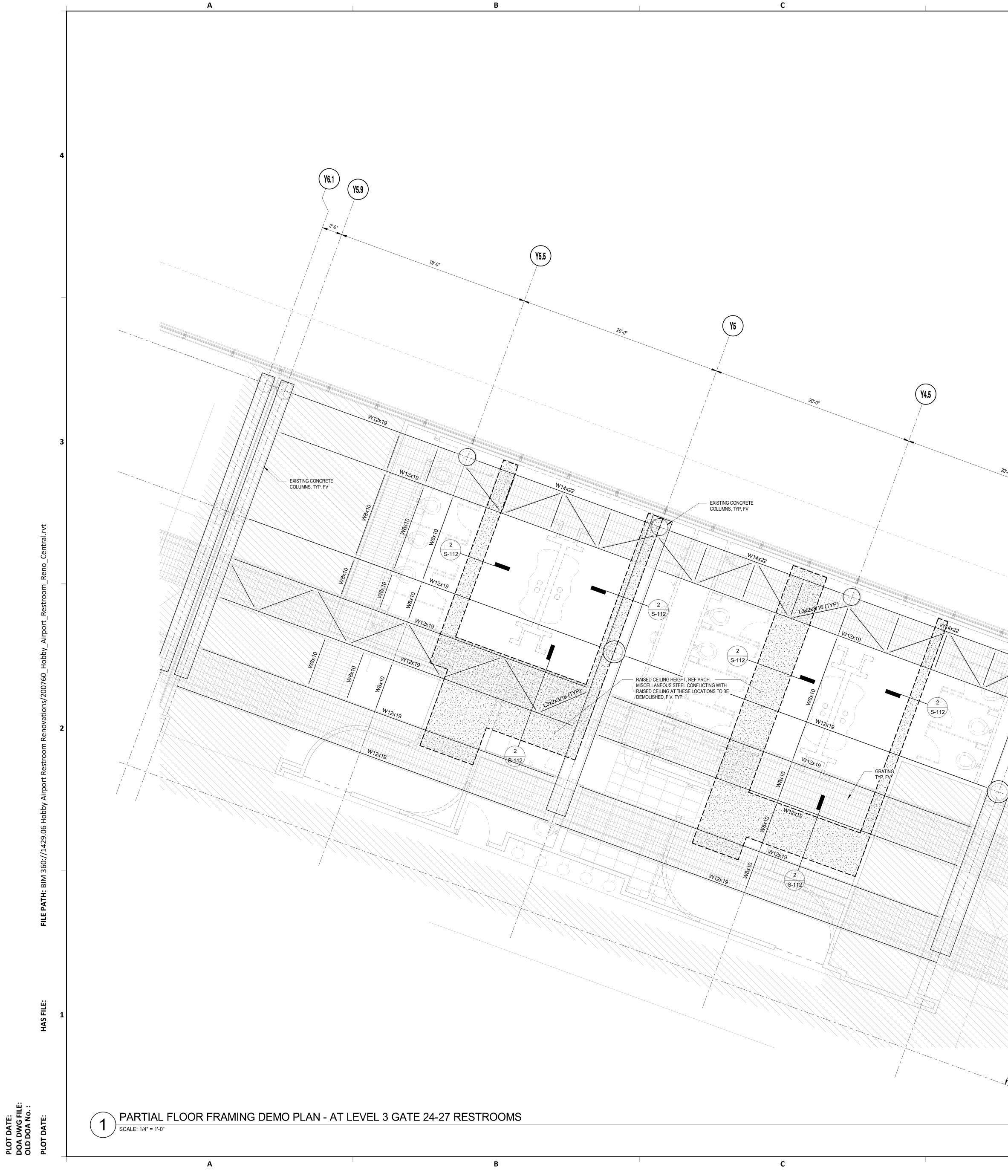


SHEET SIZE: 30"x42" ARCH E1





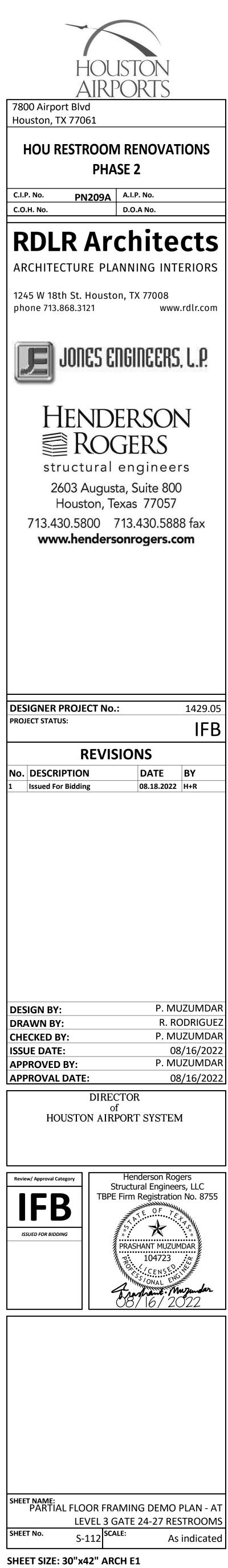
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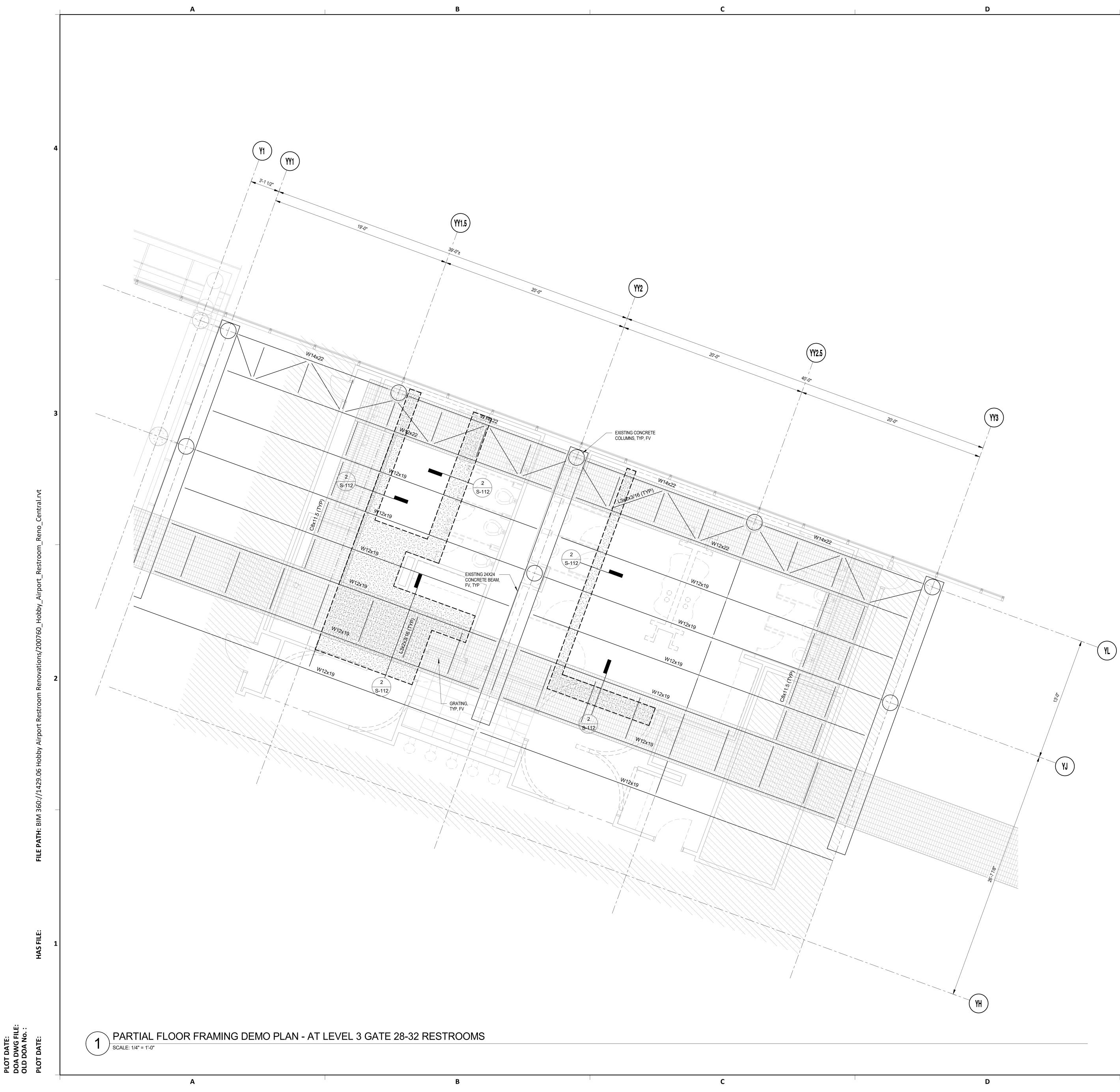


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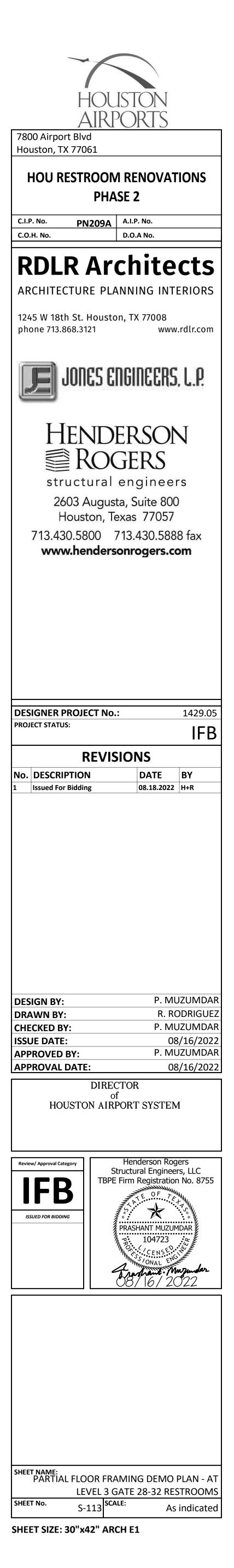


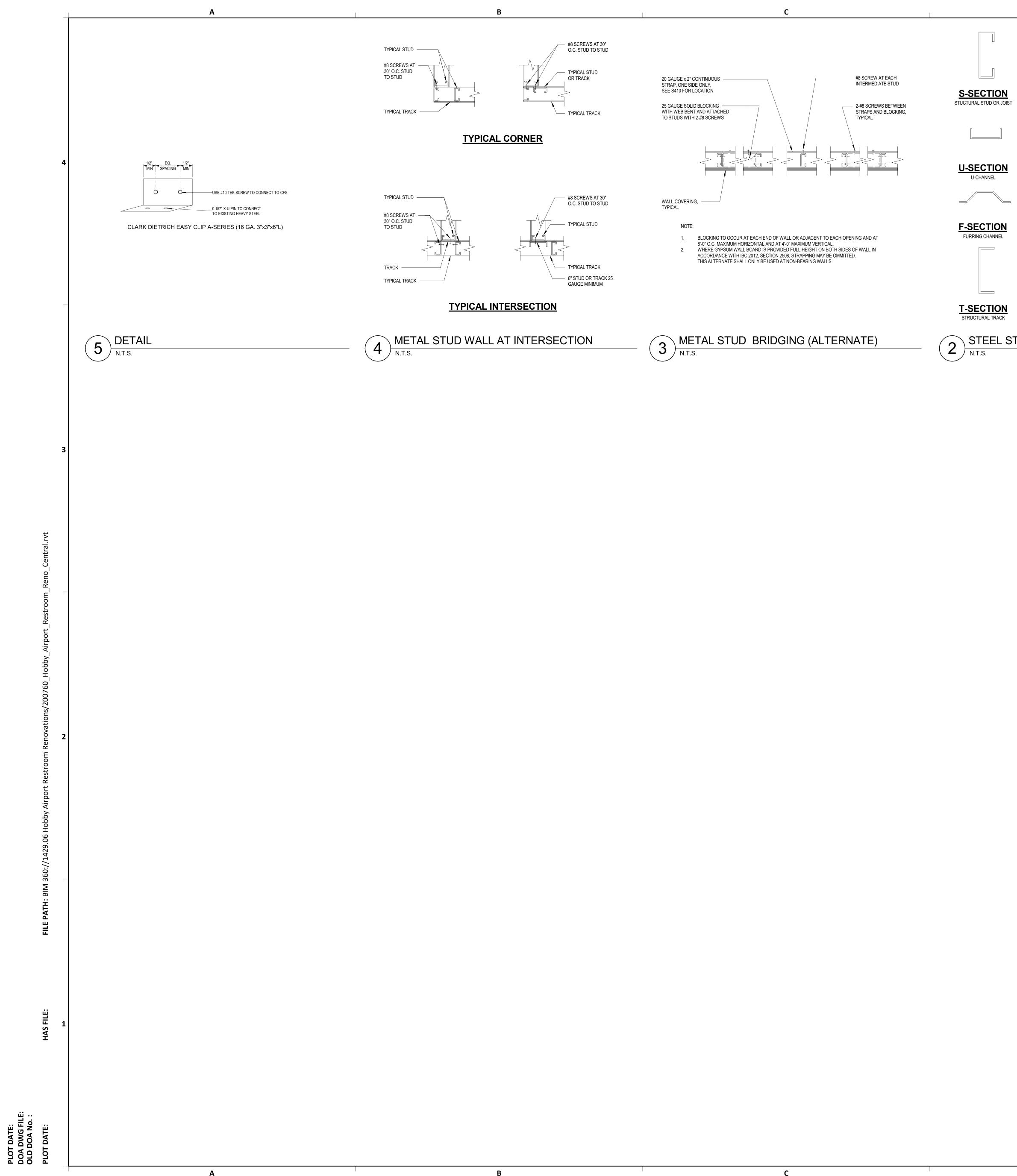


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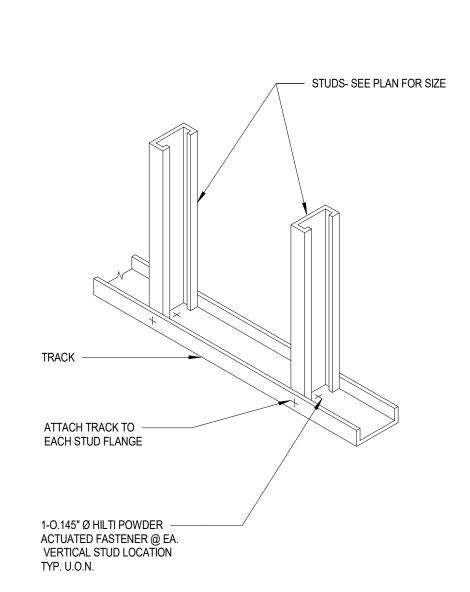
EXISTING CONCRETE SLAB

NEW RAISED CEILING, REF ARCH



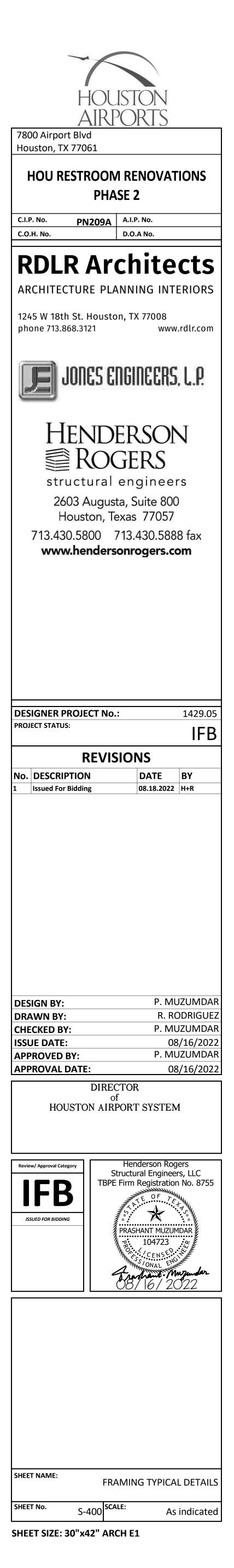


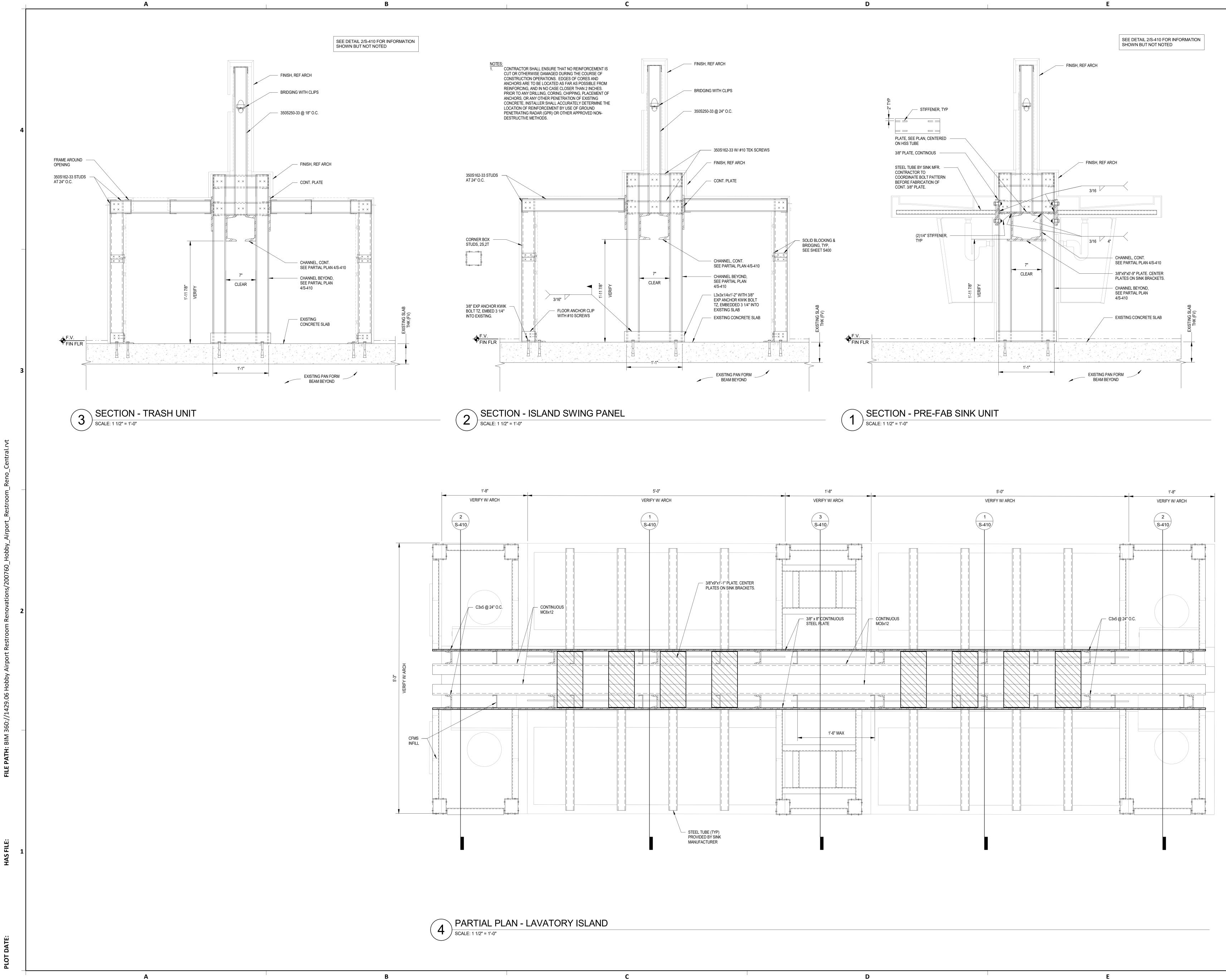
SHAPE	DESIGNATION	FLANGE WIDTH		
	S125	1.25"		
	S137	1.375"		
S-SECTIONS	S162	1.625"		
	S200	2"		
	S250	2.5"		
U-SECTIONS	U50	.50"		
F-SECTIONS	F125	1.25"		
	T125	1.25"		
T-SECTIONS	T150	1.5"		
	T200	2"		
EXAMPLE CALLOUT:600S162-54600:SIZE = 6"S:SECTION DESIGNATION (STYLE) = S STUD162:1.625" FLANGE WIDTH54:0.054" (16 GA.) MATERIAL THICKNESSREFER TO:STEEL STUD MANUFACTURERS ASSOCIATION				



2 STEEL STUD/JOIST SECTION IDENTIFICATION

## LOAD BEARING WALL 1 STUDS IN PLACE N.T.S.

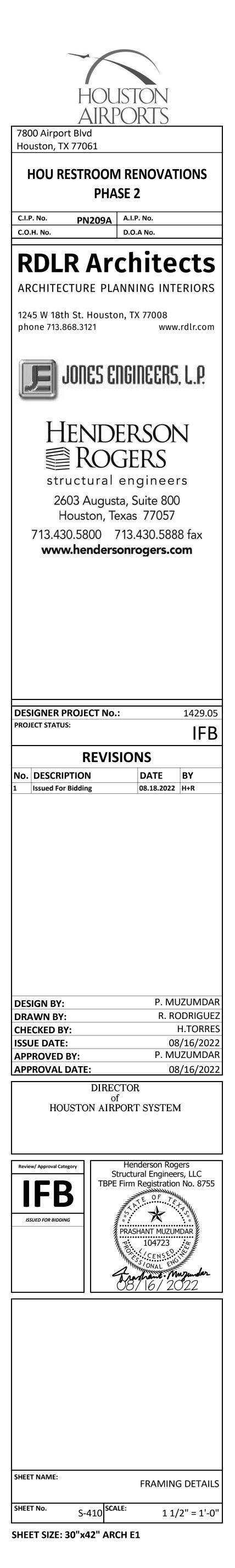




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#### **MECHANICAL GENERAL NOTES**

- PIPING AND DUCTWORK ON DRAWINGS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING, OFFSET AND RUN PIPING/DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTINGS, INSULATION, AND OTHER ACCESSORIES.
- EXACT LOCATIONS OF TERMINAL BOXES, GRILLES, DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS AND ALLOW ADEQUATE CLEARANCE AND EASY ACCESS.
- 3. COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
- 4. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS. 5. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 10 FEET DISTANCE BETWEEN
- OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET. FLUES OR PLUMBING VENTS.
- PROVIDE A CONICAL SPIN-IN SHEETMETAL. INLET DUCT TO TERMINAL BOX SHALL BE SAME SIZE AS TERMINAL BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE TERMINAL BOX INLET IS MORE THAN 6'-0".
- CONTRACTOR SHALL PROVIDE ADEQUATE CLEARANCE AROUND VAV BOXES AS REQUIRED BY MANUFACTURER. COORDINATE EXACT LOCATION WITH OTHER TRADES. 8. ROUTE HYDRONIC PIPING FROM MAINS TO VAV BOXES, REFER TO SCHEDULES FOR PIPE SIZING, WITH AN ISOLATION VALVE ON THE SUPPLY AND RETURN LINES AND A VENT AT THE HIGH POINT. OFFSET PIPING AND RUN INSIDE STRUCTURE AS NEEDED TO
- PROVIDE PROPER CLEARANCES. TYPICAL. 9. ALL SUPPLY AIR DUCT UPSTREAM OF TERMINAL BOXES (PER DIRECTION OF AIRFLOW) SHALL BE SIZED AND CLASSIFIED TO BE MEDIUM PRESSURE DUCTWORK. THIS DUCT SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR MEDIUM
- PRESSURE DUCTWORK. 10. INSTALL TERMINAL BOXES TO ENSURE ACCESS PANELS ARE NOT BLOCKED. MAINTAIN MINIMUM 4'-0" FOR CONTROL PANEL
- ACCESS. 11. NO PIPE HANGERS SHALL BE SPACED MORE THAN 10'-0". COMPLY WITH PIPE SPACING AS SPECIFIED IN THE PIPE SUPPORT
- SPECIFICATION. 12. CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL, AND FEDERAL CODES AND AUTHORITIES HAVING JURISDICTION.
- 13. EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND CUTSHEETS BEFORE FABRICATION OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
- 14. CONTRACTOR SHALL VERIFY DUCTED RETURN AIR PATH BACK TO ALL UNITS. REFER TO FLOOR PLANS AND AIR DEVICE TAGS FOR EXACT SIZING. WHERE RETURN AIR PATH IS ROUTED THROUGH A FIRE RATED WALL, A FIRE DAMPER SHALL BE PROVIDED
- IN THE DUCTWORK. 15. COORDINATE EXACT LOCATION, FINISH, AND COLOR OF ALL AIR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
- 16. ALL EXPOSED DUCTWORK SHALL BE DOUBLE WALL INSULATED.
- 17. PROVIDE ACCESS PANEL FOR ALL HVAC EQUIPMENT LOCATED ABOVE HARD CEILING. SIZE PANEL PER MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES AND COORDINATE WITH ARCHITECT FOR FINISH.
- 18. PROVIDE TEMPERATURE SENSORS, HUMIDISTATS AND CO2 SENSORS AT LOCATIONS INDICATED ON PLANS. MOUNT TEMPERAUTE SENSORS, HUMIDISTATS AND C02 SENSORS AT THE SAME ELEVATION AS LIGHT SWITCHES. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
- 19. PROVIDE SPIN-IN CONNECTION WITH LOCKING QUADRANT BUTTERFLY FOR ALL ROUND DUCTWORK CONNECTED TO RECTANGULAR DUCT.
- 20. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS. 21. ALL LOW PRESSURE DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR MEDIUM AND LOW PRESSURE DUCTWORK.
- 22. PROVIDE AIRFOIL TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
- 23. FASTEN AND SEAL ALL DUCTWORK JOINTS, LONGITUDINAL AND TRAVERSE SEAMS AND CONNECTIONS PER ASHRAE 90.1 SECTION 6.4.4.2.1. DUCT SEALANT SHALL BE INSPECTED PRIOR TO DUCTWORK BEING INSULATED.
- 24. ALL EXPOSED DUCTWORK AND PIPING ALONG WITH ASSOCIATED ACCESSORIES IN AREAS WITH NO CEILING OR PARTIAL CEILING SHALL BE PAINTED. REFER TO ARCHITECT FOR COLOR.
- 25. PROVIDE REMOTE SPIN-IN CONNECTION FOR ALL ROUND DUCTWORK CONNECTED TO RECTANGULAR DUCT LOCATED ABOVE A HARD CEILING.
- 26. ALL EQUIPMENT LOCATED OUTDOORS SHALL BE SELECTED TO WITHSTAND 150 MPH WINDS AND SHALL BE SECURED DIRECTLY TO STRUCTURE/GRADE. ALL FANS, RELIEF HOODS, AND INTAKE HOODS SHALL BE SECURED TO CURB USING STEEL CABLES. ALL PIPE SUPPORTS AND CONDUIT SUPPORTS SHALL BE ANCHORED TO ROOF DECK. ALL AIR COOLED CONDENSING UNITS SHALL BE ANCHORED TO ROOF DECK. VIBRATION ISOLATORS SHALL INCLUDE UPLIFT SECUREMENT.
- 27. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE OBTAINED THE SCOPE OF MECHANICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF WORK SHALL INCLUDE MATERIALS AND DUCTWORK CONSISTING OF DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED SO THAT THE INDICATED REMODELING MAY BE ACCOMPLISHED. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON DRAWINGS, CONTRACTOR SHALL DEMOLISH ONLY WHAT IS INDICATED TO BE DEMOLISHED ON DRAWINGS
- 28. COORDINATE ALL MOUNTING LOCATIONS AND HEIGHTS OF AIR DEVICES WITH ARCHITECT PRIOR TO FINAL INSTALLATION. 29. AFTER THE HYDRONIC SYSTEM FLUSH IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO PROVE ALL BYPASS LOOPS ON ALL OF THE COIL PIPING IS CLOSED. ONCE THE VALVE IS PROVED CLOSED, REMOVE THE HANDLE OF THE BYPASS

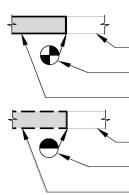
ISOLATION VALVE TO ENSURE NO BYPASS LINE CAN BE OPENED DURING REGULAR OPERATION.

- SUPPLY OR OUTSIDE AIR DOWN FIRE DAMPER - OPPOSED BLADE VOLUME DAMPER PARRALLEL BLADE VOLUME DAMPER MANUAL CONTROL DAMPER AUTOMATIC CONTROL DAMPER BALANCING DAMPER - RETURN OR RELIEF AIR UP - RETURN OR RELIEF AIR DOWN INCLINED RISE IN DUCT INCLINED DROP IN DUCT (T) - THERMOSTAT RETURN GRILLE - EXHAUST AIR UP EXHAUST AIR DOWN — RETURN AIR GRILLE ∠⊸ ----- RETURN AIR SLOT WITH PLENUM BOX DUCT DIMENSIONS 16"/1 EXISTING DUCT EXISTING FLEX DUCT — EXISTING DIFFUSER - CONNECT TO EXISTING - RECTANGULAR BRANCH DUCT TAP - ROUND BRANCH DUCT TAP B 225 10"ø — DIFFUSER TYPE, REFER TO SCHEDULE — CFM - NECK SIZE - SUPPLY DIFFUSER - FLEXIBLE DUCT - NEW DUCTWORK - FLEXIBLE CONNECTION 14"ø-- TRANSITION RECTANGULAR TO ROUND TRANSITION - TURNING VANES - DUCTWORK TEE 14"/10"ø RADIUS ELBOW - SUPPLY AIR SLOT DIFFUSER WITH PLENUM BOX RE1/M2.0 👡 - RECTANGULAR TO OVAL TRANSITION MITERED OR SQUARE THROAT ELBOW - REFER TO DRAWING #1, SHEET M2.0 CHILLED WATER SUPPLY LINE — CHILLED WATER RETURN LINE

MECHANICAL SYMBOLS

- SUPPLY OR OUTSIDE AIR UP

CHWS	CHILLED WATER SUPPLY LIN
CHWR	CHILLED WATER RETURN LI
HWS	HOT WATER SUPPLY LINE
HWR	HOT WATER RETURN LINE
CND	CONDENSATE DRAIN LINE
RL	REFRIGERANT LIQUID LINE
RS	REFRIGERANT SUCTION LIN



- EXISTING DUCT POINT OF CONNECTION TO NEW DUCTWORK NEW DUCT

- EXISTING DUCT - DEMOLISH DUCTWORK UP TO LOCATION SHOWN - DUCTWORK TO BE DEMOLISHED

## APPLICABLE CODES AND STANDARDS

HOUSTON AIRPORT SYSTEM AND MODULAR RESTROOM DESIGN STANDARDS
MECHANICAL CODE: 2015 UNIFORM MECHANICAL CODE WITH CITY OF HOUSTON AMENDMENTS
BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE WITH CITY OF HOUSTON AMENDMENTS
2015 INTERNATIONAL FIRE CODE WITH CITY OF HOUSTON AMENDMENTS
2015 UNIFORM PLUMBING CODE WITH CITY OF HOUSTON AMENDMENTS.
2020 NATIONAL ELECTRIC CODE
ASHRAE 90.1-2015 WITH CITY OF HOUSTON AMENDMENTS
ASHRAE 62.1-2015 VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY
2015 TAS - TEXAS ACCESSIBILITY STANDARD

WHERE TWO OR MORE STANDARDS ARE APPLICABLE, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

ENERGY CODE NOTES
1. DUCT SEALING: DUCTWORK AND PLENUMS SHALL BE SEALED IN ACCORDANCE WITH THE 2015 IECC AND 2015 UMC.
2. 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.
3. ENERGY CODE COMPLETION REQUIREMENTS.
DRAWINGS: CONSTRUCTION DOCUMENTS SHALL REQUIRED 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.

MAINTENANCE MANUAL BE PROVIDED TO THE BUILDING OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE. THESE MANUALS SHALL BE IN ACCORDANCE WITH INDUSTRY ACCEPTED STANDARDS. AND SHALL INCLUDE AT A MINIMUM THE FOLLOWING: (A) SUBMITTAL DATA STATING EQUIPMENT SIZE AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. (B) OPERATING MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, EXCEPT EQUIPMENT NOT FURNISHED AS PART OF THE PROJECT. REQUIRED ROUTINE MAINTENANCE SHALL BE CLEARLY IDENTIFIED. (C) NAMES AND ADDRESSES OF AT LEAST ONE SERVICE AGENCY. (D) HVAC CONTROLS SYSTEM MAINTENANCE AND CALIBRATION INFORMATION INCLUDING WIRING DIAGRAMS, SCHEMATICS AND CONTROL SEQUENCE DESCRIPTIONS. DESIRED OR FIELD DETERMINED SET POINTS SHALL BE PERMANENTLY RECORDED ON CONTROL DRAWINGS, AT CONTROL DEVICES OR FOR DIGITAL CONTROL SYSTEMS, IN THE PROGRAMMING COMMENTS. (E) COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING SUGGESTED SETPOINTS.

MANUALS: CONSTRUCTION DOCUMENTS REQUIRE THAT AN OPERATING MANUAL AND A

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 SETTING DURING LOSS OF POWER FOR A PERIOD OF NOT LESS THAN 10 HOURS AND INCLUDE AN ACCESSIBLE MANUAL OVERRIDE, OR EQUIVALENT FUNCTION THAT ALLOWS TEMPORARY OPERATION OF THE SYSTEM FOR TWO HOURS.

SHUTOFF DAMPER CONTROLS BOTH OUTDOOR AIR SUPPLY AND EXHAUST SYSTEMS SHALL BE EQUIPPED WITH MOTORIZED DAMPERS THAT WILL AUTOMATICALLY SHUT WHEN THE SYSTEMS OR SPACES SERVED ARE NOT IN USE. VENTILATION OUTDOOR AIR DAMPERS SHALL BE CAPABLE OF AUTOMATICALLY SHUTTING OFF DURING PREOCCUPANCY BUILDING WARM UP, COOL DOWN AND SETBACK.

NOTES:

APPROVED FOR THAT PURPOSE.

1. DUCTWORK WITHIN THE BUILDING ENVELOPE WILL HAVE A MINIMUM INSULATION VALUE OF R-6, DUCTWORK LOCATED OUTSIDE OF THE BUILDING ENVELOPE WILL BE INSULATED WITH A MINIMUM OF R-8. DUCTWORK SHALL HAVE VAPOR RETARDERS WITH A PERM RATING NOT TO EXCEED 0.5 PERM. ALL JOINTS TO BE SEALED.

2. 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

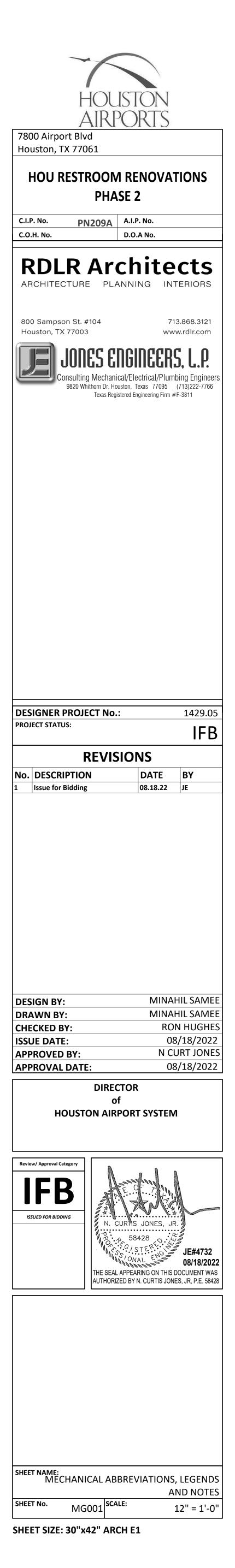
3. APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE. SUPPORTS FOR APPLIANCES SHALL BE DESIGNED AND CONSTRUCTED TO SUSTAIN VERTICAL AND HORIZONTAL LOADS WITHIN THE STRESS LIMITATIONS

#### MECHANICAL SHEET LIST

SPECIFIED IN THE IBC. SECTION 304.4 - UNIFORM MECHANICAL CODE.

DWG NUMBER DWG NAME MG001 MECHANICAL ABBREVIATIONS, LEGENDS AND NOTES MG100 MECHANICAL OVERALL RENOVATION PLAN - LEVEL 2 MD101 MECHANICAL DEMOLITION PLAN - GATE 20-23 RESTROOMS MD102 MECHANICAL DEMOLITION PLAN - GATE 24-27 RESTROOMS MD103 MECHANICAL DEMOLITION PLAN - GATE 28-32 RESTROOMS MH101 MECHANICAL RENOVATION PLAN - GATE 20-23 RESTROOMS

MH102 MECHANICAL RENOVATION PLAN - GATE 24-27 RESTROOMS MH103 MECHANICAL RENOVATION PLAN - GATE 28-32 RESTROOMS





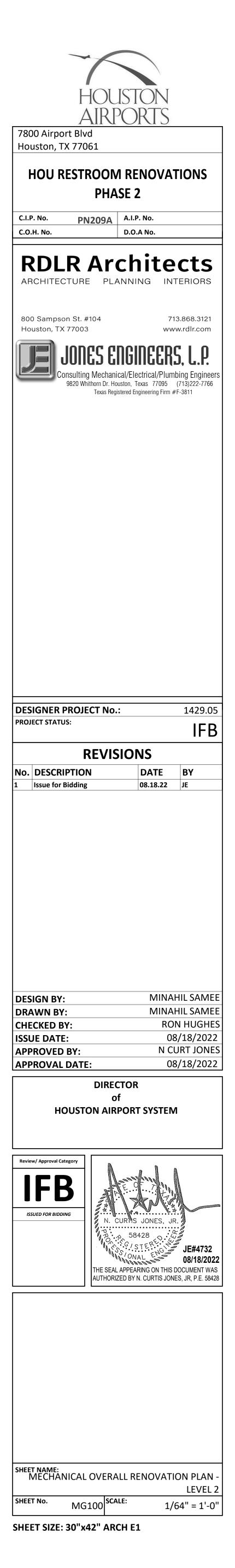


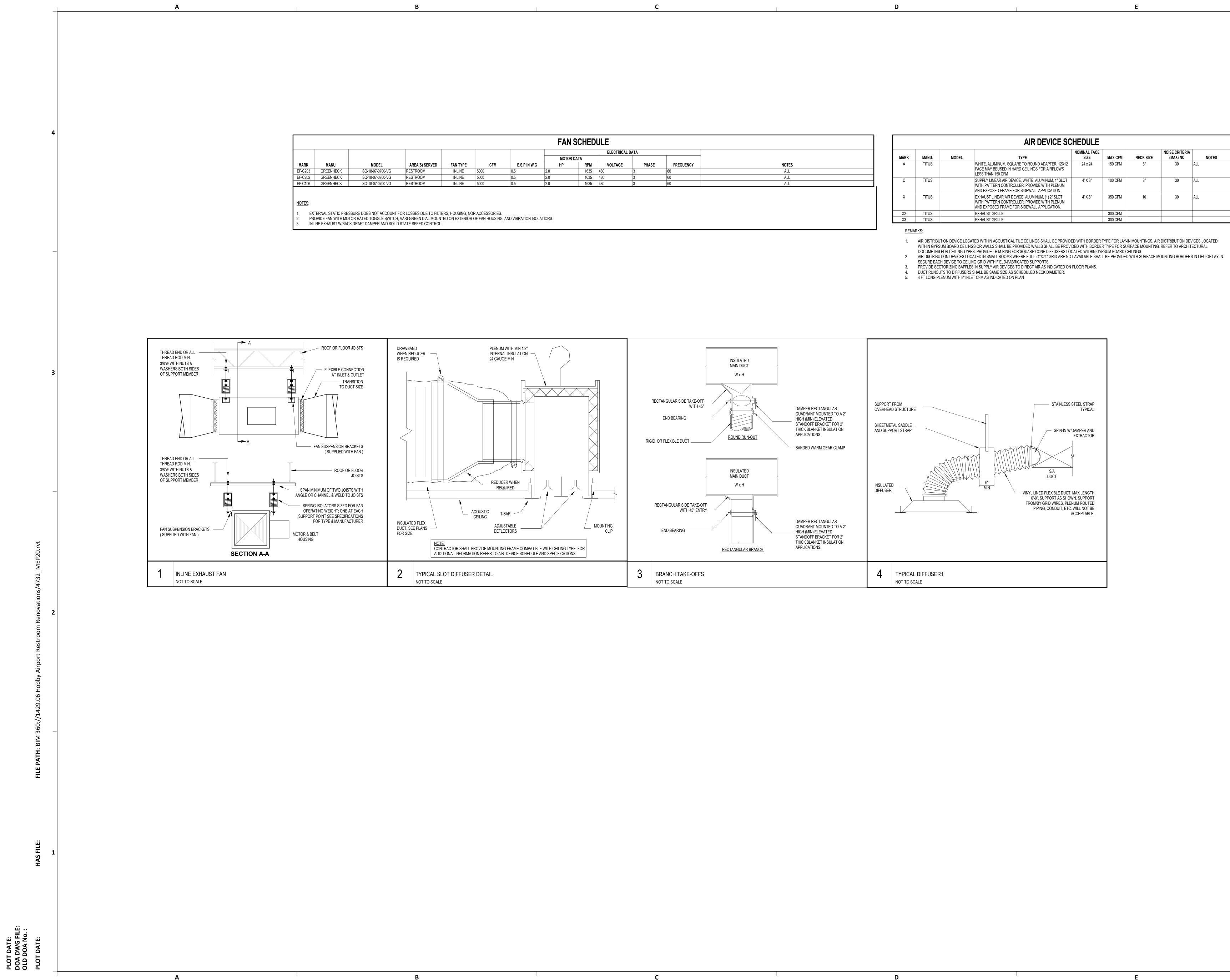
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GATE 28-32 RESTROOMS



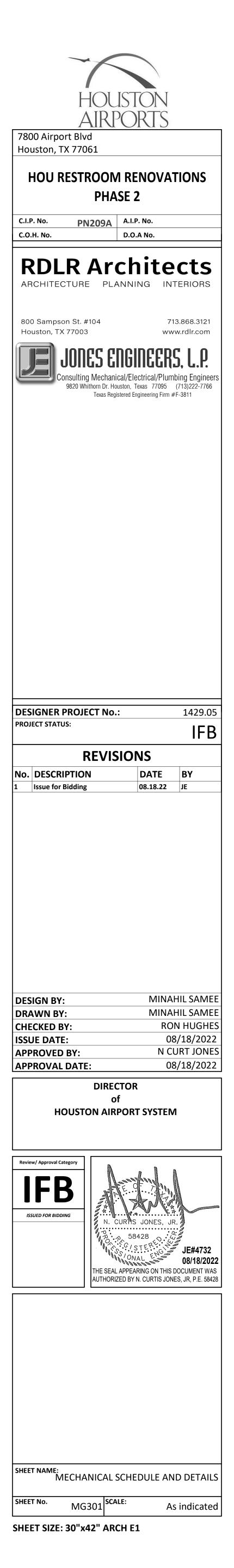


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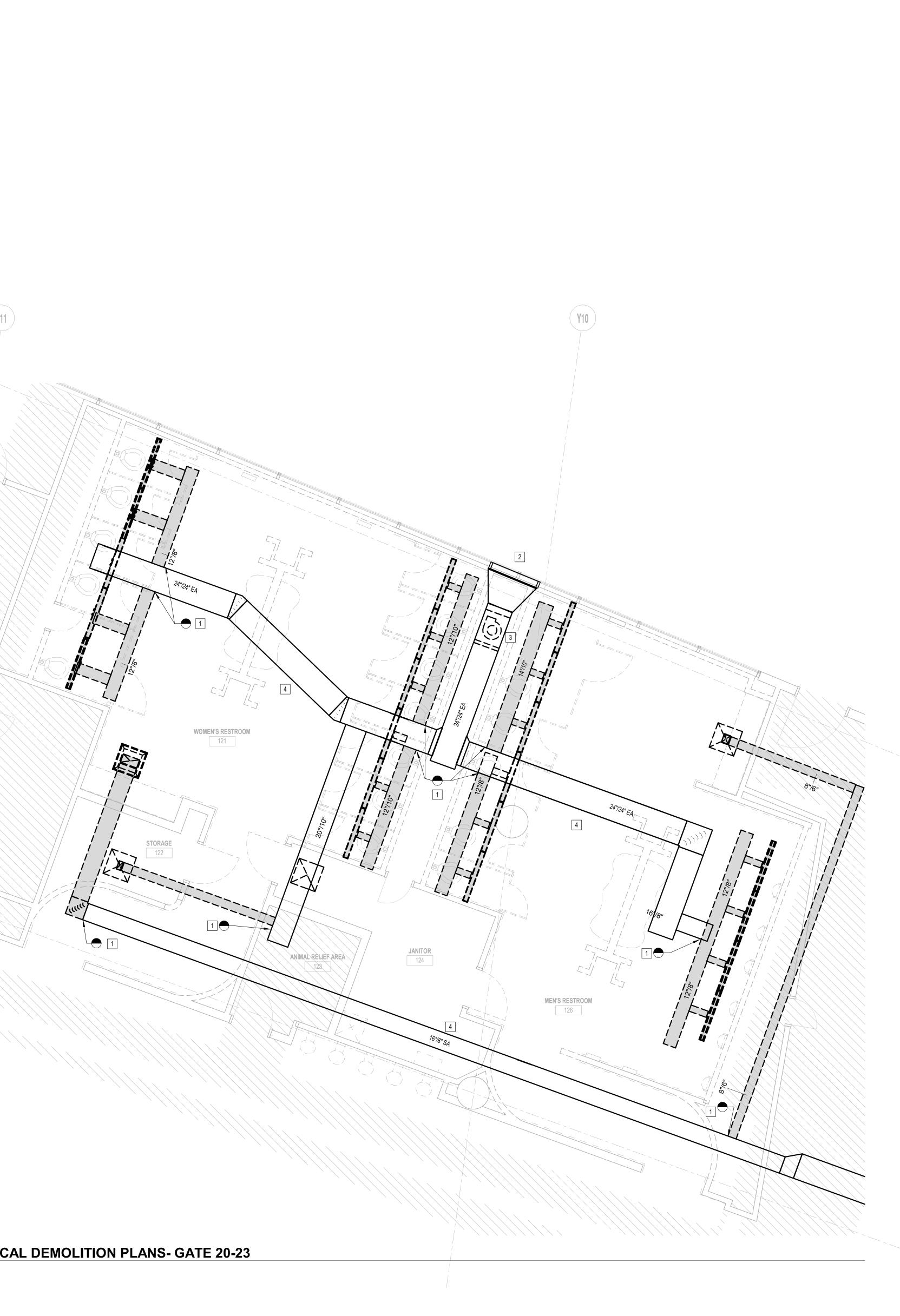
	AIR DEVICE SCHEDULE							
MARK	MANU.	MODEL	ТҮРЕ	NOMINAL FACE SIZE	MAX CFM	NECK SIZE	NOISE CRITERIA (MAX) NC	NOTES
A	TITUS		WHITE, ALUMINUM, SQUARE TO ROUND ADAPTER, 12X12 FACE MAY BEUSED IN HARD CEILINGS FOR AIRFLOWS LESS THAN 150 CFM	24 x 24	150 CFM	6"	30	ALL
С	TITUS		SUPPLY LINEAR AIR DEVICE, WHITE, ALUMINUM, 1" SLOT WITH PATTERN CONTROLLER. PROVIDE WITH PLENUM AND EXPOSED FRAME FOR SIDEWALL APPLICATION.	4' X 8"	100 CFM	8"	30	ALL
Х	TITUS		EXHAUST LINEAR AIR DEVICE, ALUMINUM, (1) 2" SLOT WITH PATTERN CONTROLLER. PROVIDE WITH PLENUM AND EXPOSED FRAME FOR SIDEWALL APPLICATION.	4' X 8"	350 CFM	10	30	ALL
X2	TITUS		EXHAUST GRILLE		300 CFM			
X3	TITUS		EXHAUST GRILLE		300 CFM			

- AIR DISTRIBUTION DEVICE LOCATED WITHIN ACOUSTICAL TILE CEILINGS SHALL BE PROVIDED WITH BORDER TYPE FOR LAY-IN MOUNTINGS. AIR DISTRIBUTION DEVICES LOCATED



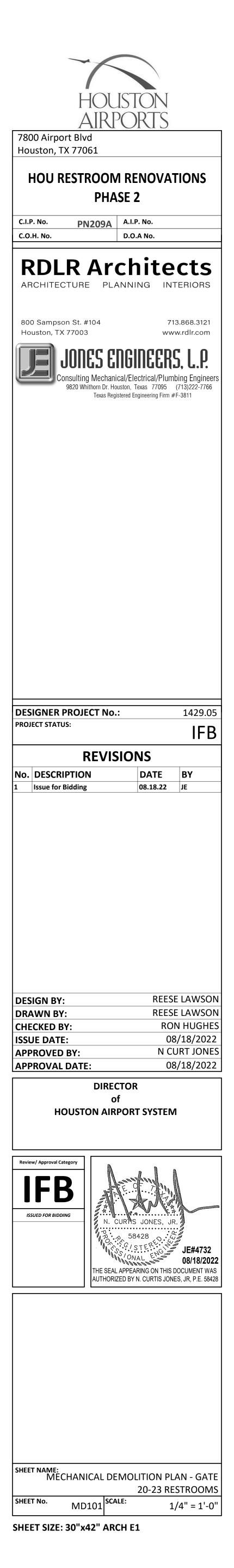
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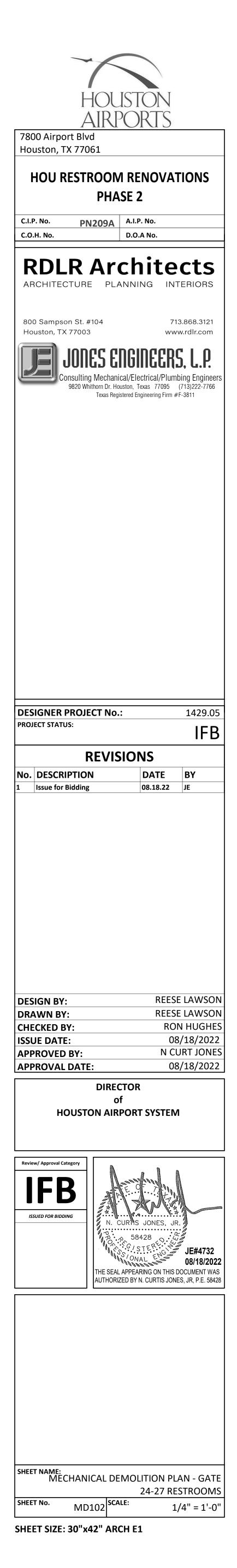
KEYED NOTES
KEY NOTE
POINT OF DEMOLITION. DEMOLISH ALL DOWNSTREAM DUCTWORK AND AIR DEVICES AND REMOVE.
EXISTING 48/24 LOUVER TO REMAIN.
DEMOLISH EXISTING EXHAUST FAN AND REMOVE. COORDINATE WITH ELECTRICAL CONTRACTOR.
SUPPLY/EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.



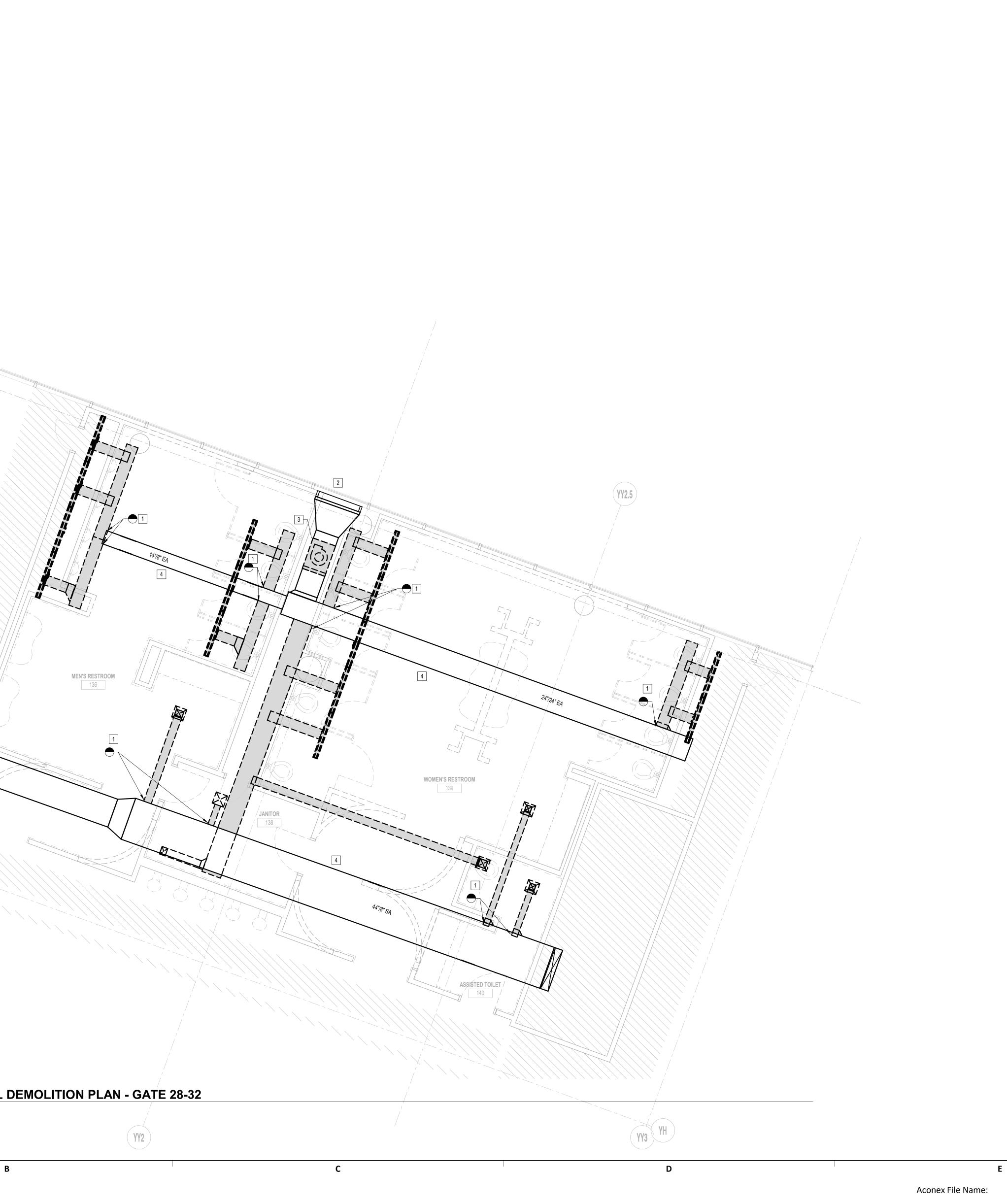


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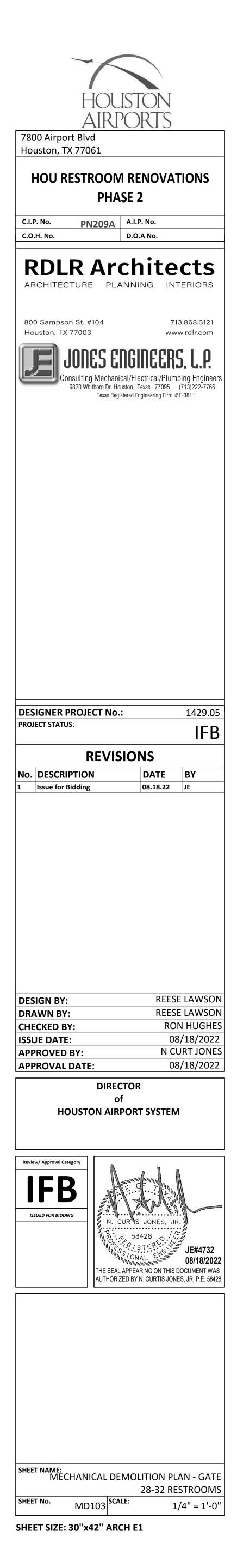
	KEYED NOTES
#	KEY NOTE
1	POINT OF DEMOLITION. DEMOLISH ALL DOWNSTREAM DUCTWORK AND AIR DEVICES AND REMOVE.
2	SUPPLY/EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.
×	DEMOLISH EXISTING EXHAUST FAN IN MECHANICAL ROOM BELOW AND REMOVE. COORDINATE WITH ELECTRICAL CONTRACTOR. ALL DUCT ACCESSORIES, DUCTWORK, AND LOUVERS ARE EXISTING TO REMAIN, REFER TO MH102 FOR WORK TO BE DONE.

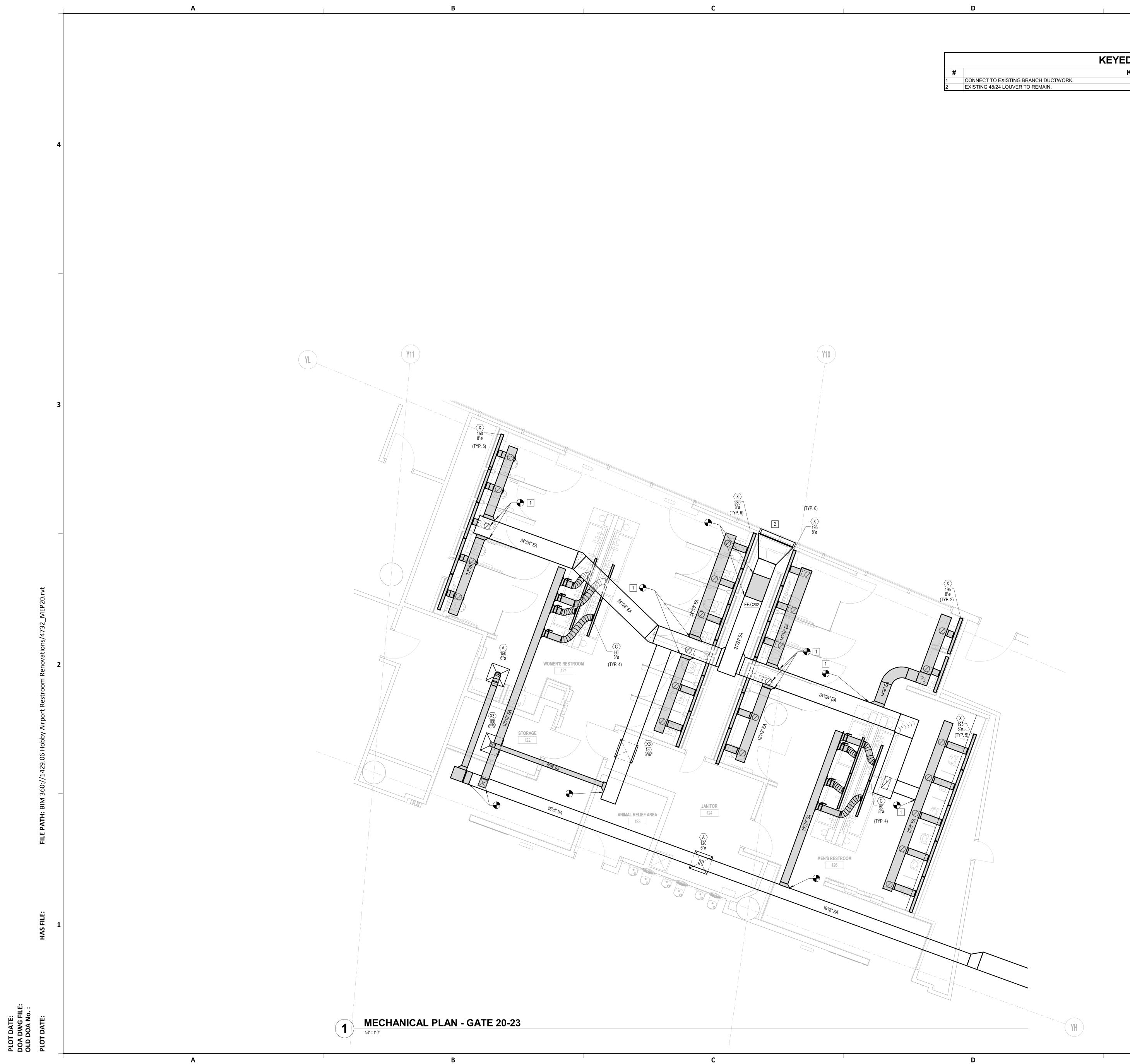


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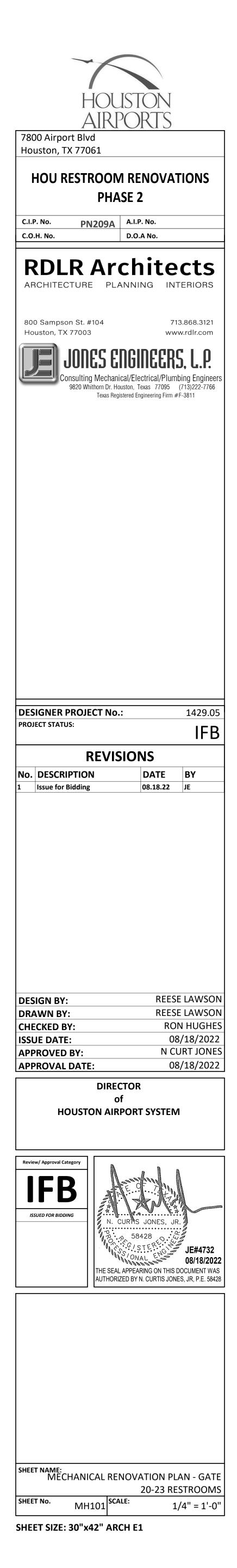


	KEYED NOTES	
#	KEY NOTE	
1	POINT OF DEMOLITION. DEMOLISH ALL DOWNSTREAM DUCTWORK AND AIR DEVICES AND REMOVE.	
2	EXISTING 48/24 LOUVER TO REMAIN.	
3	DEMOLISH EXISTING EXHAUST FAN AND REMOVE. COORDINATE WITH ELECTRICAL CONTRACTOR.	
4	SUPPLY/EXHAUST TRUNK DUCT IS EXISTING TO REMAIN.	





	KEYED NOTES
#	KEY NOTE
1	CONNECT TO EXISTING BRANCH DUCTWORK.
2	EXISTING 48/24 LOUVER TO REMAIN.





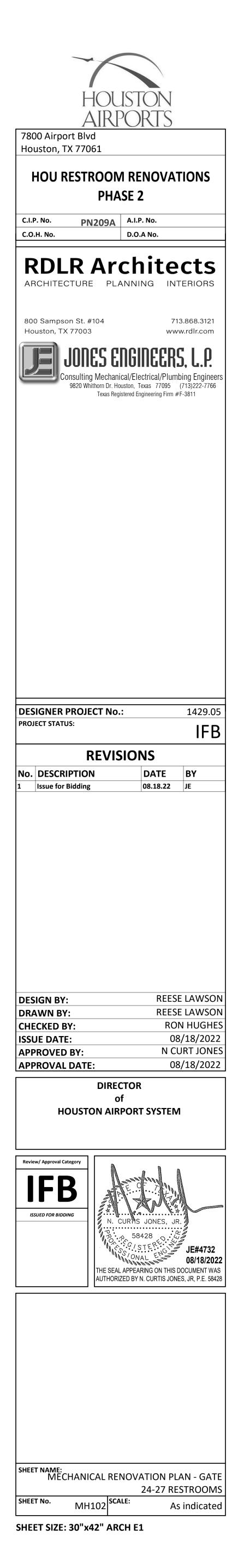
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# **KEYED NOTES**

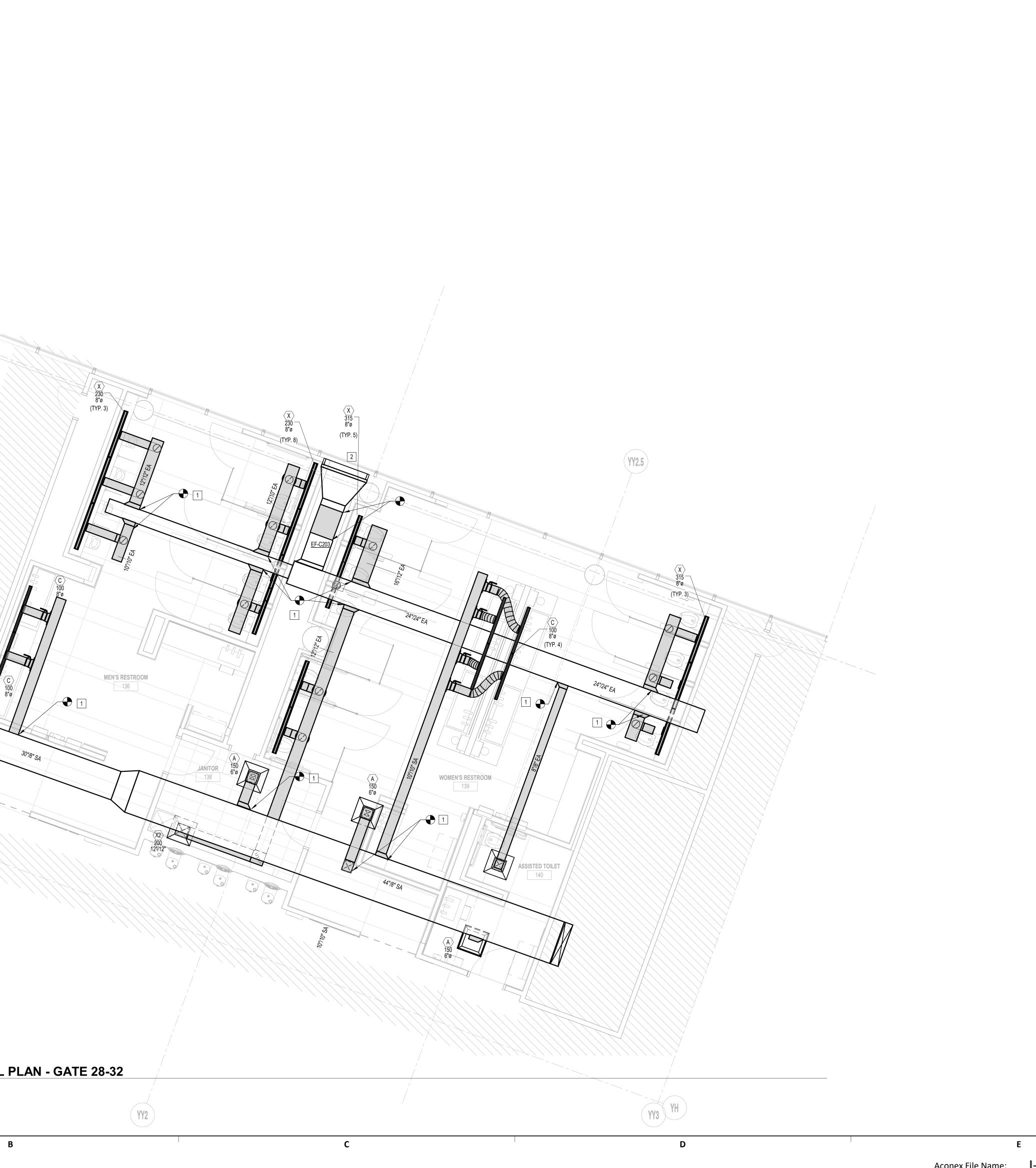
# KEY NOTE CONNECT TO EXISTING BRANCH DUCTWORK. EXISTING EXHAUST DUCT DOWN TO MECHANICAL ROOM BELOW. EXISTING EXHAUST DUCT FROM SHAFT ABOVE. EXISTING 48/24 LOUVER TO REMAIN.

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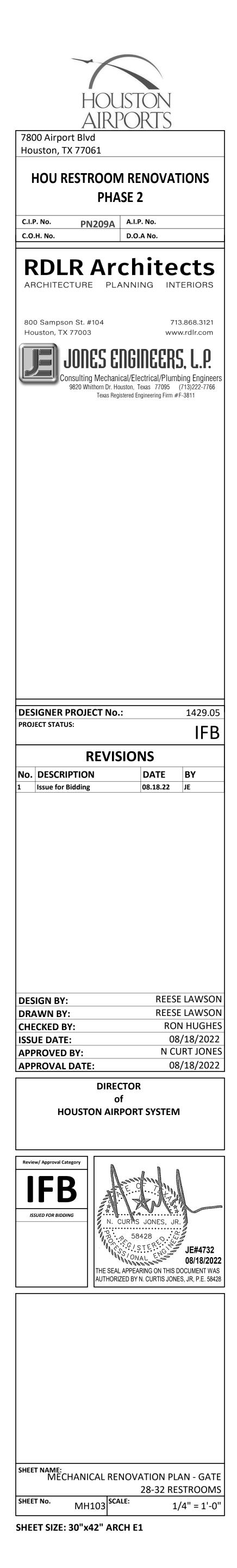


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	KEYED NOTES
#	KEY NOTE
1	CONNECT TO EXISTING BRANCH DUCTWORK.
2	EXISTING 48/24 LOUVER TO REMAIN.



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	SYMBOL LEGEND
SWIT	CHES
\$	SWITCH, SPST, 20A, 120/277V
<b>\$</b> 3	SWITCH, 20A, 120/277V, "2" DENOTES DPST, "3" DENOTES THREE- WAY, "4" DENOTES FOUR-WAY
Ф	DIMMER CONTROL SWITCH, 1000 WATT UNLESS OTHERWISE NOTED
<b>\$</b> м	SWITCH, MOTION SENSOR, NOVITAS #01-133
\$ <sup>00</sup>	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 SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%). EATON #VSW-P-010
<del>45</del> 7	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
RECE	PTACLES AND OUTLETS
<del>C</del>	DUPLEX WALL RECEPTACLE, NEMA 5-15R, 15A, 125V OR NEMA 5-20R,
WP E	20A, 125V, RE: SPECIFICATIONS, DOT INDICATES ABOVE COUNTER. 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.
<b>●</b>	DOT INDICATES ABOVE COUNTER. SPECIAL RECEPTACLE, NEMA CONFIGURATION AS NOTED.
∽• (€=	DOT INDICATES ABOVE COUNTER. FLOOR OUTLET
J	JUNCTION BOX
•	DIRECT CONNECTION TO EQUIPMENT
•	TELEPHONE WALL OUTLET. PROVIDE 2"X4" OUTLET BOX WITH 3/4" CONDUIT AND PULL STRING TO ABOVE CEILING.
$\triangleleft$	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
ELEC	TRICAL EQUIPMENT
	DISTRIBUTION PANEL
	PLYWOOD TERMINAL BOARD, TYPE AS NOTED, 4' X 8' X 3/4", UNLESS NOTED OTHERWISE
Τ	TRANSFORMER
мотс	ORS AND CONTROLS
Ń	SINGLE OR THREE PHASE MOTOR
$\Box$	DISCONNECT (SAFETY) SWITCH "200/3/150" DENOTES AMPERES/POLE/FUSE, "NF" DENOTES NON-FUSED
$\boxtimes$	MOTOR STARTER
Ø	COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER, "30/3/15/#0" DENOTES AMPERES/POLES/FUSE/ STARTER SIZE, "NF" DENOTES NON-FUSED.
\$ <sub>m</sub>	MANUAL MOTOR STARTING WITH THERMAL OVERLOAD
	ALARM
FACP	FIRE ALARM CONTROL PANEL (FLUSH SURFACE)
	CEILING SPEAKER/STROBE. (##) IS CANDELA RATING
	WALL SPEAKER/STROBE
⊗ <sub>##cd</sub>	CEILING STROBE. (##) IS CANDELA RATING
X	WALL STROBE
Ś	SPEAKER
	MANUAL PULL STATION
<u>(</u> 2)	AREA SMOKE DETECTOR, "H" HEAT DETECTOR, "DD" DUCT DETECTOR.
$\langle w \rangle$	SPRINKLER FLOW SWITCH
$\langle \overline{T} \rangle$	VALVE SUPERVISORY SWITCH

## **GENERAL ELECTRICAL NOTES:**

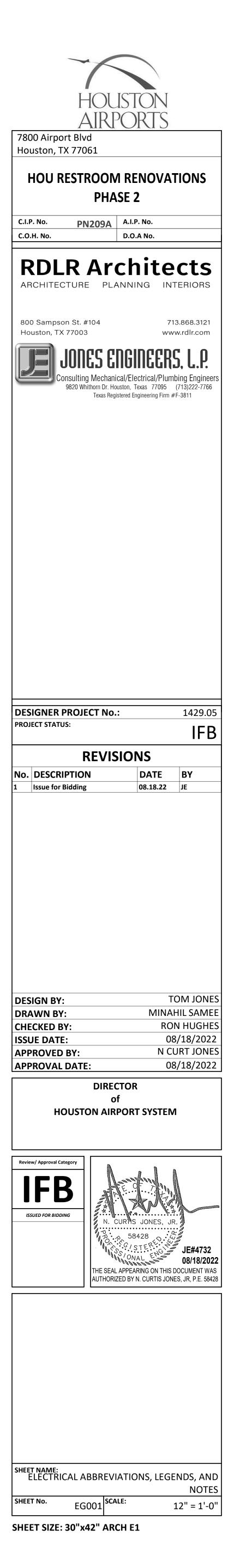
- 1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND WERE MADE FROM THE BEST INFORMATION AVAILABLE. CONFIRM ALL LOCATIONS AND DIMENSIONS IN THE FIELD. VISIT THE SITE PRIOR TO BID. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONDITIONS AS THEY EXIST AND NO ADDITIONAL COSTS WILL BE ALLOWED FOR READILY OBSERVABLE CONDITIONS.
- 2. GUARANTEE LABOR AND MATERIALS FOR 1 YEAR.
- 3. ALL NEW OR ADDITIONAL POWER DISTRIBUTION EQUIPMENT SHALL BE THE SAME MANUFACTURER AS THE ORIGINAL BUILDING EQUIPMENT AND SHALL BE PROVIDED WITH BLACK, PHENOLIC NAMEPLATES WITH WHITE LETTERS (MIN. 5/16" HT.). PANELBOARDS SHALL BE EMBOSSED OR ENGRAVED METAL NAMEPLATE TO INDICATE VOLTAGE, PHASE, BUSSING, AND SHORT CIRCUIT BRACING. SUPPLY NEW, ACCURATE PANEL DIRECTORIES FOR EACH PANEL BOARD OR DISTRIBUTION PANEL IN WHICH ANY WORK IS PERFORMED. PROVIDE NEW BREAKERS IN EXISTING SPACES AS REQUIRED FOR THIS INSTALLATION. BREAKERS FOR ABANDONED CIRCUITS SHALL BE LABELED "SPARES".
- REUSED ELECTRICAL EQUIPMENT, WIRING DEVICES, WIRING DEVICE COVER PLATED, CONDUIT AND 4. WIRE WHICH ARE DAMAGED SHALL BE RESTORED TO ORIGINAL INTEGRITY. ALL MATERIALS USED FOR REPAIRS SHALL MEET ORIGINAL SPECIFICATIONS. ABANDONED ELECTRICAL, DATA, OR COMMUNICATIONS ELEMENTS SHALL BE REMOVED BACK TO ORIGINAL SOURCE AND RETURNED TO LANDLORD. REFER TO DATA AND TELEPHONE CONTRACTOR FOR COORDINATION.
- 5. ANY ELECTRICAL WORK AFFECTING THE LIGHTING ON THE AOA MUST BE COORDINATED WITH IAH ELECTRICAL DEPARTMENT. 6. FOR ALL TELEPHONES/DATA OUTLETS, PROVIDE AN OPENING, PLASTER RING, AND DEVICE PLATE AT
- NORMAL RECEPTACLE HEIGHT UNLESS OTHERWISE INDICATED AND A PULLSTRING TO THE ACCESSIBLE CEILING SPACE ABOVE. WHERE THE WALL IS LOCATED BELOW AN INACCESSIBLE CEILING SPACE, PROVIDE A 4" SQUARE JUNCTION BOX WITH A SINGLE DEVICE PLASTER RING MOUNTED FLUSH WITH FINISHED WALL AT NORMAL RECEPTACLE HEIGHT, UNLESS OTHERWISE NOTED. ALL TELECOMMUNICATION CONDUIT TO BE 1" MINIMUM AND ROUTED TO IDF ROOM AND/OR TO ABOVE CABLE TRAY WITH BUSHING.
- 7. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL CIRCUIT DESIGNATIONS AND SHALL MAKE CORRECTIONS AS NEEDED.
- 8. ALL FIRE ALARM SYSTEM DEVICES AND EXIT SIGNAGE SHALL BE INTERFACED WITH BUILDING FIRE ALARM SYSTEM. ALL NEW DEVICES SHALL BE FULLY COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM. FIRE ALARM SYSTEM CONTRACTOR SHALL VERIFY LOCATION AND QUANTITY OF FIRE ALARM SYSTEM INITIATING, AUTOMATIC INITIATING AND AUDIBLE DEVICES AS REQUIRED BY EXISTING BUILDING SYSTEM. PROVIDE ADDITIONAL FIRE ALARM SIGNALING DEVICES AS REQUIRED TO ENSURE ADEQUATE COVERAGE 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. 9. WORK THAT INTERFERES WITH EXISTING TENANT OR BUILDING ACTIVITIES MAY REQUIRE SPECIAL TIME. THE ELECTRICAL CONTRACTOR SHALL COORDINATE SPECIAL TIME WITH BUILDING MANAGEMENT AND INCLUDE THESE COSTS IN HIS BID PROPOSAL.
- 10. ELECTRICAL WORK MUST COMPLY WITH NEC-2020, CITY ELECTRIC CODE, AND 2018 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.
- 11. ALL LOCATIONS OF DEVICES ARE APPROXIMATE. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
- 12. SEAL NEW OR EXISTING PENETRATIONS IN OF FLOORS, RATED PARTITIONS, AND CORRIDOR WALLS.
- 13. SECURE ALL PERMITS AND PROVIDE ANY REQUIRED TEMPORARY UTILITIES.
- 14. ALL WORK AND SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE OWNER SUCH THAT THE WORK IS PERFORMED AT THE OWNERS CONVENIENCE. THIS MAY BE DURING EVENINGS AND WEEKENDS.
- 15. CONTRACTOR TO PROVIDE "AS-BUILT" DRAWINGS INDICATING THE CONFIGURATION OF THE CONSTRUCTED WORK.
- 16. REPAIR ANY DAMAGE THAT OCCURS TO ANY ELECTRICAL EQUIPMENT DURING DEMOLITION.
- 17. SUBMIT INFORMATION ON ALL NEW EQUIPMENT IN THE FORM OF SHOP DRAWINGS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR THE CORRECT PROCEDURE.
- 18. PROVIDE 3 COPIES OF THE OPERATION AND MAINTENANCE MANUALS TO THE OWNER. PROVIDE INSTRUCTION ON THE SYSTEM OPERATION TO THE OWNER.
- 19. AS PER 2020 NEC AND ALL HAS STANDARDS ALL PANELS, DISCONNECTS, TRANSFORMERS SHALL HAVE PHENOLIC TAGS STATING ELECTRICAL ROOM, CIRCUIT NUMBER AND VOLTAGE WITH ARC FLASH STICKERS. WHERE APPLICABLE, ALL RECEPTACLES ON TABLES OR BAR AREA SHALL BE GFCI PROTECTED. CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION FITTING PER NEC.
- WIRING ALL WIRING SHALL BE COPPER, MINIMUM SIZE #12 AWG, THWN, RATED AT 600 VOLTS. 20. PROVIDE GREEN GROUNDING CONDUCTOR WITH ALL POWER AND RECEPTACLE CIRCUITS. ALL WIRING TO BE IN CONDUIT. LIGHTING FIXTURES MUST HAVE INDIVIDUAL FEEDS TO EACH FIXTURE, "DAISY CHAINING" OF FIXTURES IS NOT ALLOWED. LIGHTING FIXTURE WHIPS MUST BE 6 FEET LONG OR LESS. A. NO AC (BX) OR MC CABLE ALLOWED.
- ALL GROUND RODS TO BE STAINLESS STEEL (3/4" x 10' MINIMUM). ALL BONDING AND GROUNDING PER 250 OF 2020 NEC AND ALL HAS 2020 STANDARDS. ALL UNUSED CONDUIT AND WIRING OF ANY CRAFT SHALL BE REMOVED BACK TO ITS SOURCE. ALL ELECTRICAL WORK MUST PASS INSPECTION PRIOR TO BACKFILL, CONCRETE PLACEMENT,
- INSULATION OR COVER(WALL OR CEILING). 21. BOXES - ALL BOXES TO BE GALVANIZED STEEL SUITABLE FOR LOCATION AND SIZED PER THE N.E.C. AND SUPPORTED SEPARATELY FROM CONDUIT.
- 22. DEVICES: SWITCHES SINGLE POLE, 3-WAY AND 4-WAY SWITCHES TO BE 20 AMP., 120/240 OR 277/480 VOLT AS APPLICABLE. MOUNT SWITCHES AS SHOWN ON PLAN. SWITCHES AND DEVICE PLATES SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. HUBBELL #1121I OR EQUAL RECEPTACLES -COMMERCIAL GRADE 20 AMP., 120V., NEMA 5-20R, HUBBELL 5262I OR EQUAL. INSTALL RECEPTACLES AS SHOWN ON PLAN. RECEPTACLES AND DEVICE PLATES SHALL BE WHITE IN COLOR, UNLESS NOTED OTHERWISE. ISOLATED GROUND RECEPTACLES TO BE ORANGE HUBBELL 1121I OR EQUAL. FLOOR BOX WITH BRASS CARPET FLANGE SHALL BE HUBBELL B2536 OR EQUAL.
- 23. CONDUIT 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 INSTALLED 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 SALES AREAS. ANY CONDUIT PASSING THROUGH THE FLOOR SHALL BE RIGID GALVANIZED STEEL CONDUIT. ALL FLOOR PENETRATIONS SHALL BE INSPECTED FOR FIRE CAULKING BY BSG ELECTRICAL INSPECTORS BEFORE COVERING.
- 24. CONDUCTORS: A. MINIMUM WIRE SIZE FOR BRANCH CIRCUITS BE NO. 12 AWG COPPER. A. a. NO. 14 AWG MAY BE USED FOR CONTROL CIRCUIT WIRING WHEN OVER CURRENT PROTECTION IS PROVIDED IN COMPLIANCE WITH THE APPLICABLE NEC, NFPA AND JIC
  - STANDARDS. b. NO. 14 AWG OR NO. 16 AWG MAY BE USED FOR "FIXTURE WHIPS" FOR INDIVIDUAL FIXTURES WHEN USING INDIVIDUAL FUSE PROTECTION FOR EACH FIXTURE. 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: a. THEY ARE CONNECTED TO WIRING DEVICES THAT UTILIZE CLAMP TYPE TERMINATIONS RATHER THAN BINDER HEAD SCREW CONNECTIONS. b. THEY ARE TERMINATED WITH SPADE TYPE LUGS FOR BINDER HEAD SCREW
- CONNECTIONS. c. THEY ARE SPLICED TO SOLID CONDUCTORS FOR BINDER HEAD SCREW CONNECTIONS. 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. G. CONDUCT 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 BØ - PURPLE BØ - RED CØ - YELLOW CØ - BLUE N - GRAY N - WHITE
  - AØ BLACK CØ - RED N - WHITE GRND - BARE ISO GRND - GREEN
- 25. ALL WORK IN WALLS, CEILINGS AND UNDERGROUND CONDUITS SHALL BE INSPECTED BEFORE COVERING.

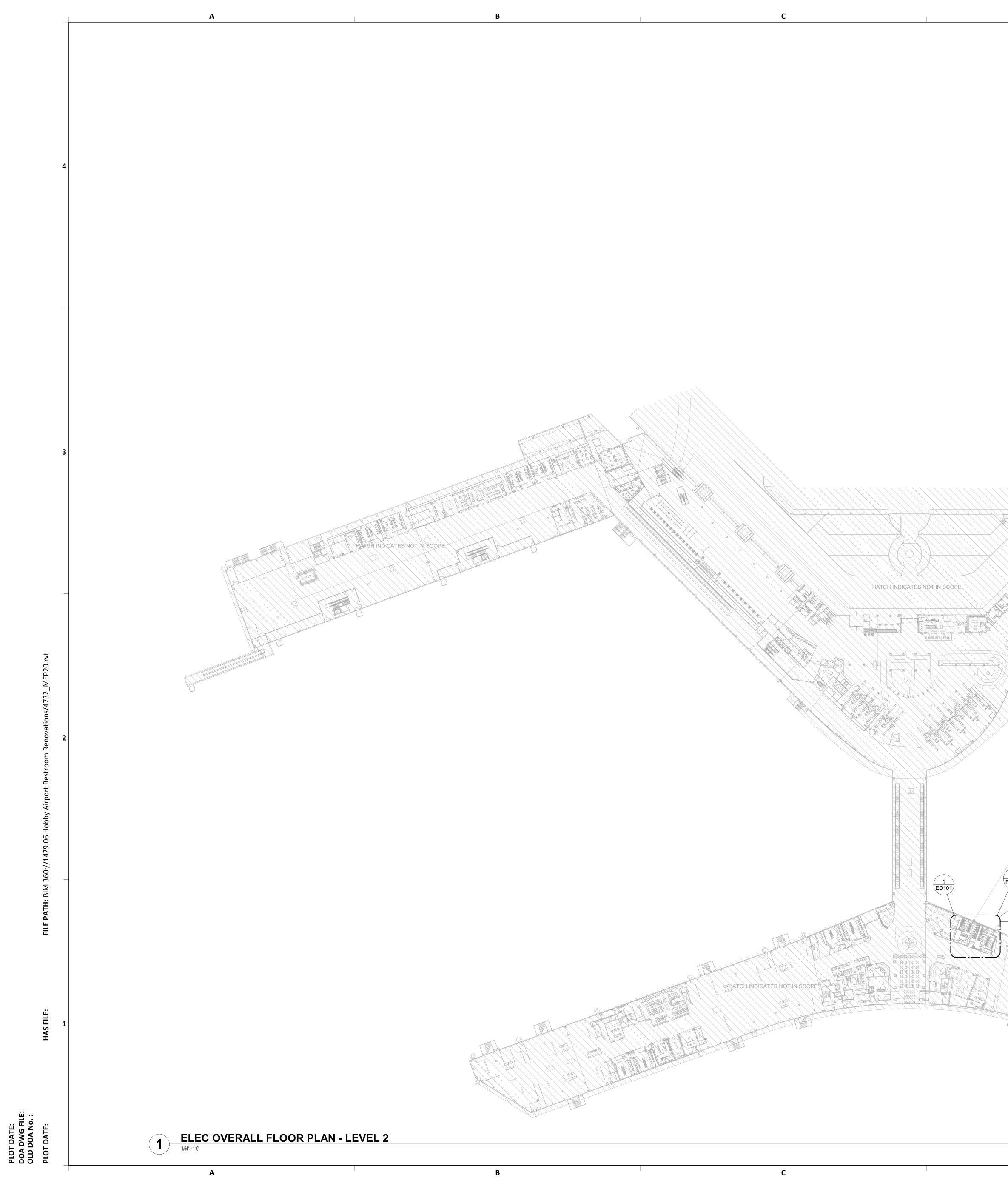
GRND - BARE GRND - BARE

ISO GRND - GREEN ISO GRND - GREEN

- 26. ALL CAD-WELDS TO BE INSPECTED BY ELECTRICAL INSPECTOR BEFORE COVERING. ALL CAD-WELDS UNDERGROUND TO BE SEALED WITH A COLD TAR (BIT MASTIC 50) OR EQUIVALENT AFTER INSPECTION.
- 27. TRANSFORMERS TO BE INSTALLED IN ACCORDANCE WITH HAS DESIGN STANDARDS.
- 28. 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.
- 29. ALL ELECTRICAL WORK MUST PASS INSPECTION PRIOR TO BACKFILL, CONCRETE PLACEMENT, INSULATION OR COVER (WALL OR CEILING).

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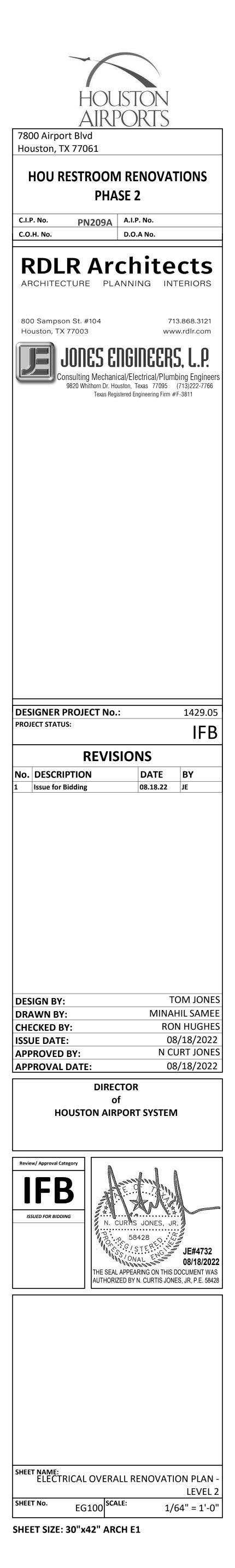


GATE 28-32 RESTROOMS

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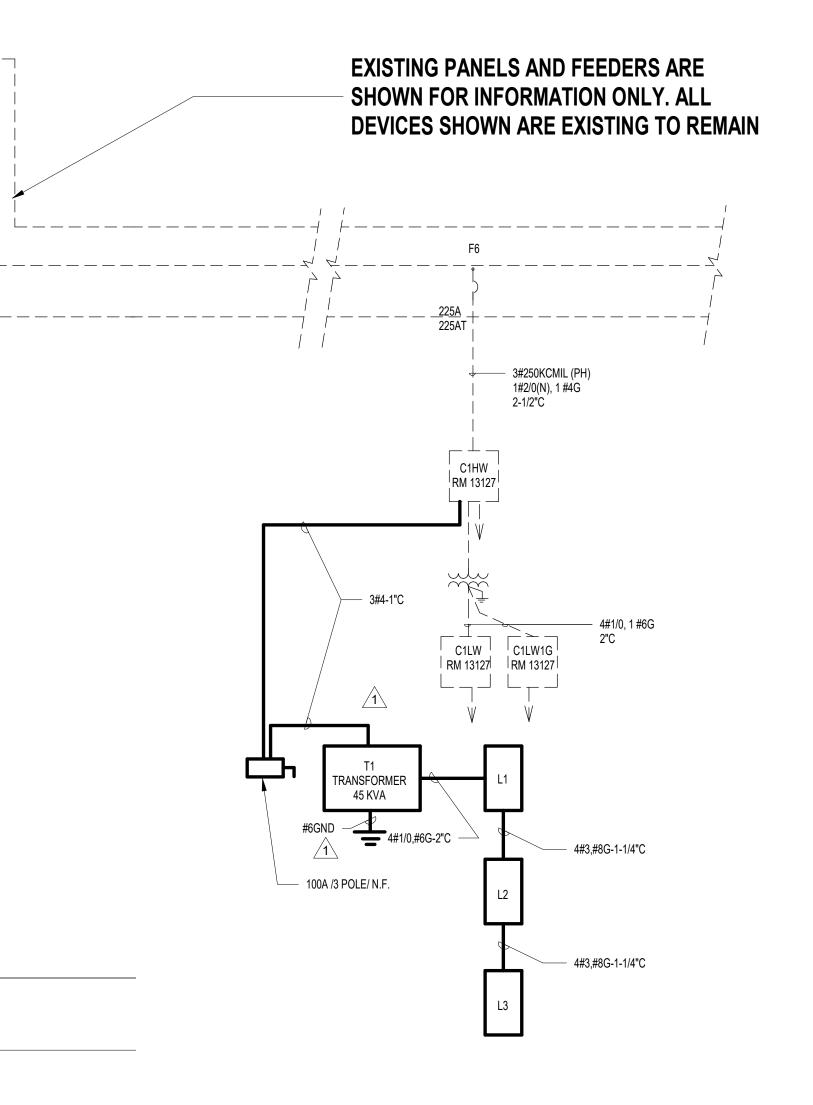
GATE 20-23 RESTROOMS

GATE 24-27 RESTROOMS



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					EXISTING SUBSTATION USSCE1, 480/277V, 3PH, 4W,	
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					4000A BUS, 65000AIC BRACING. ROOM 13006	
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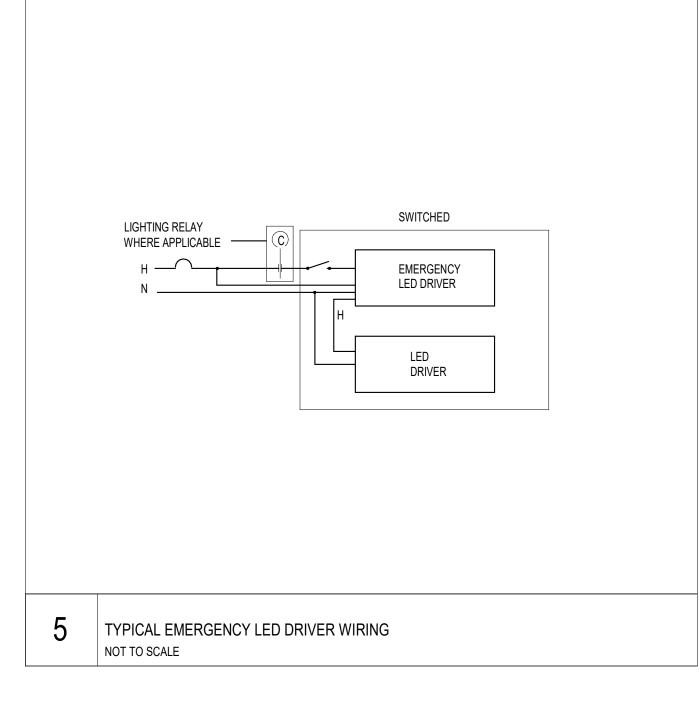
# LOAD ANALYSIS Load Classification PEAK KVA X 125% Lighting Receptacle Power 480/277 Wye, 3 Phase, 4 Wire Service



В

## Location: Supply From: DP Mounting: SURFAC Enclosure: Type 1 Notes: EXISTING PANEL СКТ **Circuit Description** 1 Existing Load 3 Existing Load 5 Existing Load 7 Existing Load 9 Existing Load 11 Existing Load 13 EXISTING TRANSFORMER C1TW 75KVA 15 --17 --19 SPARE 21 SPARE 23 SPARE 25 27 29 31 33 35 37 39 41 Legend: Load Classification Power Receptacle

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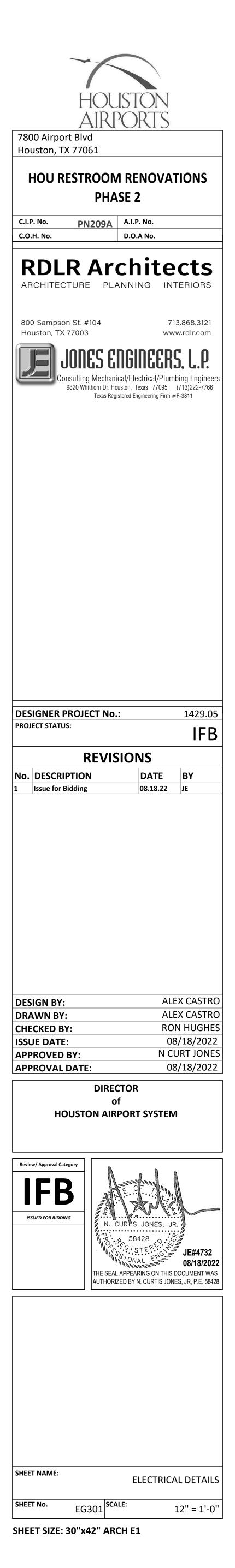


	Connected Load (VA)	Demand Factor	Estimated Demand (VA)	Estimated Demand Current
	35000 VA	125.00%	43750 VA	53 A
	0 VA	0.00%	0 VA	0 A
	7740 VA	100.00%	7740 VA	9 A
	163580 VA	100.00%	163580 VA	197 A
al Connected Load (VA):	206320 VA	Total Dema	nd Load (VA):	215070 VA
			Total Current:	259 A
Service				

## Branch Panel: C1HW

FACE 1					F	Volts: Phases: Wires:		7 Wye					A.I.C. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 225 A		
	Wire	Trip	Poles		A		В			Poles	Trin	Wire	Circuit Description	скт	
		25 A	1	5000	2500		-			1	20 A		Existing Load	2	-
		20 A	1		2000	2800	4500			1	20 A		Existing Load	4	
		20 A	1					4500	2800	1	20 A		Existing Load	6	
		20 A	1	4500	8700					3	25 A		EXISTING AHU C141 7.5 HP	8	-
		20 A	1			4500	0 VA							10	
		20 A	1					4500	0 VA					12	1
VA		125 A	3	7500	11700					3	25 A		EXISITING AHU C142 10 HP	14	1
						0 VA	0 VA							16	
								0 VA	0 VA					18	
		20 A	1	0 VA	15480					3	70 A		TRANSFORMER 45KVA	20	
		20 A	1			0 VA	1458							22	-
		20 A	1					0 VA	1026					24	-
														26	-
														28	-
														30	-
														32	-
														34	1
														36	1
														38	-
														40	-
		Total	Loodi	1000	80 VA	2626	30 VA	2206	0 VA					42	-
			Load: Amps:		6 A		BA		A						

Connected Load	Demand Factor	Estimated Demand	Panel	Totals
163580 VA	100.00%	163580 VA		
7740 VA	100.00%	7740 VA	Total Conn. Load:	171320 VA
			Total Est. Demand:	171320 VA
			Total Conn.:	206 A
			Total Est. Demand:	206 A



		Branch Panel: C1HM				
		Location: Supply From: Mounting: SURFACE Enclosure: Type 1		Volts: 480/277 Wye Phases: 3 Wires: 4	A.I.C. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 225 A	
		Notes: EXISTING PANEL				
4	1	CKT Circuit Description	Wire Trip Poles A		Trip Wire Circuit Description	СКТ
		1       Existing Load         3       Existing Load         5       Existing Load         7       Existing Load	20 A         1         2000         3500           20 A         1         -         -           20 A         1         3000         450	3000       2500       1       <	20 A Existing Load	2 4 6 8
		9     Existing Load       11     Existing Load       13     Existing Load	20 A         1	Image: Weight of the second	20 A Existing Load	10 12 14
		15Existing Load17Existing Load19Existing Load21Spare	20 A         1	2720         2200         1         2           0            1         2	20 A     Existing Load	16 18 20 22
		23Spare25Spare27Spare	20 A         1             20 A         1         0 VA         0 V            20 A         1         0 VA         0 V	Image: Weight of the second		24 26 28
		29Spare31Spare33Spare35Spare	20 A         1             20 A         1         0 VA            20 A         1             20 A         1	0 VA         0 VA           0 VA         1           0 VA         0 VA	20 A Spare 20 A Spare	30 32 34 36
-		37         Existing Load           39            41	100 A         3         2500         0 V	'A         Image: Marking Constraints         Image: Marking         Image: Marking Constraints	20 ASpare20 ASpare20 ASpare	38 40 42
		Legend:	Total Load:         44150 VA           Total Amps:         161 A	40400 VA 43620 VA 146 A 159 A		
		Load Classification Existing Load Power	Connected Load         I           75000 VA         53170 VA           -         -	Demand Factor         Estimated Demand           125.00%         93750 VA           100.00%         53170 VA	Panel Totals         Total Conn. Load:       128170 VA         Total Est. Demand:       146920 VA         Total Conn.:       154 A         Total Est. Demand:       177 A	
		Notes:			Total Est. Demand: 177 A	
3						
_		Branch Panel: L1 Location: JANITOR 124 Supply From: T1 Mounting: SURFACE	1	<b>Volts:</b> 120/208 Wye <b>Phases:</b> 3 <b>Wires:</b> 4	A.I.C. Rating: 10000 Mains Type: MLO Mains Rating: 200 A	
		Enclosure: Type 1			MCB Rating: 150 A	
ىب		CKT Circuit Description	Wire Trip Poles A	B C Poles	Trip Wire Circuit Description	СКТ
MEP20.rvt		1PAPERTOWEL DISPENSER3TOILET SENSOR5SOAP/ WATER FAUCET SENSOR	#12       20 A       1       900 VA       1080         #12       20 A       1           #12       20 A       1	0	20 A#12PAPERTOWEL DISPENSER20 A#12SOAP/ WATER FAUCET SENSOR20 A#12HAND DRYER	2 4 6
		<ul> <li>7 HAND DRYER</li> <li>9 HAND DRYER</li> <li>11 HAND DRYER</li> <li>13 SOAP/ WATER FAUCET SENSOR</li> </ul>	#12         20 A         1         180 VA         180           #12         20 A         1         -	180 VA         360 VA         1         1           1         180 VA         180 VA         1         1	20 A#12HAND DRYER20 A#12SOAP/ WATER FAUCET SENSOR20 A#12HAND DRYER20 A#12HAND DRYER	8 10 12 14
Renovations/4732		<ul><li>15 HAND DRYER</li><li>17 HAND DRYER</li><li>19 TOILET SENSOR</li></ul>	#12         20 A         1            #12         20 A         1             #12         20 A         1             #12         20 A         1         720 VA         540	180 VA       180 VA       1 <td< th=""><th>20 A#12HAND DRYER20 A#12RECEPTACLE20 A#12TOILET SENSOR</th><th>16 18 20</th></td<>	20 A#12HAND DRYER20 A#12RECEPTACLE20 A#12TOILET SENSOR	16 18 20
2 oom Reno		21TOILET SENSOR23HAND DRYER25SOAP/ WATER FAUCET SENSOR27HAND DRYER	#12         20 A         1            #12         20 A         1             #12         20 A         1         540 VA         180           #12         20 A         1         540 VA         180	Image: Weight of the state of the	20 A#12SOAP/ WATER FAUCET SENSOR20 A#12HAND DRYER20 A#12HAND DRYER20 A#12SOAP/ WATER FAUCET SENSOR	22 24 26 28
t Restr		29HAND DRYER31HAND DRYER33SOAP/ WATER FAUCET SENSOR	#12         20 A         1            #12         20 A         1         180 VA         180           #12         20 A         1         180 VA         180           #12         20 A         1         1         100	VA 180 VA 180 VA 180 VA	20 A       #12       HAND DRYER	30 32 34
oy Airport		35HAND DRYER37TOILET SENSOR39RECEPTACLE41RECEPTACLE	#12         20 A         1            #12         20 A         1         720 VA         720           #12         20 A         1             #12         20 A         1             #12         20 A         1	VA           1            900 VA         180 VA         1         1         1	20 A#12RECEPTACLE20 A#12TOILET SENSOR20 A#12RECEPTACLE20 A#12RECEPTACLE	36 38 40 42
.06 Hobk		<ul> <li>43 STALL OCCUPANCY LIGHTS 121,126</li> <li>45 Spare</li> <li>47 Spare</li> </ul>	#12         20 A         1         180 VA         8280            20 A         1 <td< th=""><th>0 0 VA 9360 0 VA 6840</th><th>00 A PANEL L2  </th><th>44 46 48</th></td<>	0 0 VA 9360 0 VA 6840	00 A PANEL L2  	44 46 48
360://1429.06 Hobby		49Spare51Spare53Spare	20 A         1         0 VA         0 V            20 A         1	0 VA 0 VA 1 1	20 ASpare20 ASpare20 ASpare	50 52 54
BIM		Legend:	Total Amps: 135 A	127 A 86 A		
FILE PATH:		Load Classification Power Receptacle	Connected Load         I           32580 VA         7740 VA           -         -           -         -	Demand Factor         Estimated Demand           100.00%         32580 VA           100.00%         7740 VA	Panel TotalsTotal Conn. Load:40320 VATotal Est. Demand:40320 VATotal Conn.:112 ATotal Est. Demand:112 A	
		Notes:				
HAS FILE:						
I						
щ						
PLOT DATE: DOA DWG FILE: OLD DOA No. : PLOT DATE:						
PLOT DOA   OLD E PLOT	Α	В			C	

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C	
L	

Notes:	Branch Panel: C1HP Location: Supply From: Mounting: SURFACE Enclosure: Type 1					I	Volts: Phases: Wires:		7 Wye				A.I.C. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 225 A		
СКТ	Circuit Description	Wire	•	Poles		Α		В	(			Trip		Description	C
1	EXISTING PERIMETER CANOPY LGTS		20 A	1	0 VA	0 VA					1	20 A	 EXISTING CORR & B		2
3	EXISTING MECH & ELEC RM LGTS		20 A	1			0 VA	0 VA	0.1/4	0.1/4	1	20 A	 EXISTING COVERED		4
5	SPARE		20 A 20 A		0 VA	0 VA			0 VA	0 VA	1	20 A 20 A	 EXISTING COVERED		6
9	SPARE		20 A		UVA	UVA	0 VA	0 VA			1	20 A	 Spare	AREALGIS	1
11	EXISTING NORTH CATWALK NORTH SIDE		20 A	1					0 VA	0 VA	1	20 A	 EXISTING L2 SW AR	FΔ	1:
13	EXISTING NORTH CATWALK NORTH SIDE		20 A	1	0 VA	0 VA				0 17	1	20 A	 EXISTING L2 SW AR		1
15	EXISTING NORTH CATWALK NORTH SIDE		20 A	1	0 171	0 1/1	0 VA	0 VA			1	20 A	 EXISTING NORTH CA		1
17	EXISTING SOUTH CATWALK NORTH SIDE		20 A	1				• • • •	0 VA	0 VA	1	20 A	 EXISTING NORTH CA		1
19	EXISTING SOUTH CATWALK NORTH SIDE		20 A	1	0 VA	0 VA			•		1	20 A	 EXISTING NORTH CA		2
21	EXISTING COLUMN NORTH AND BR LGTS		20 A	1			0 VA	0 VA			1	20 A	 EXISTING BULKHEA		2
23	EXISTING MENS & WOMENS BR LGTS		20 A	1					0 VA	0 VA	1	20 A	 EXISTING BULKHEA	D DN LGTS NORTH	2
25	EXISTING HOLD RM PDT. LGTS NORTH		20 A	1	0 VA	0 VA					1	20 A	 EXISTING BULKHEA	D DN LGTS NORTH	2
27	EXISTING BULKHEAD DN LGTS NORTH		20 A	1			0 VA	0 VA			1	20 A	 EXISTING HOLD ROO	OM PDT LGTS NORTH	2
29	EXISTING BULKHEAD DN LGTS NORTH		20 A	1					0 VA	0 VA	1	20 A	 EXISTING HOLD ROO	OM PDT LGTS NORTH	3
31	EXISTING BULKHEAD DN LGTS NORTH		20 A	1	0 VA	0 VA					1	20 A	 EXISTING COLUMN	& GATE COUNTER EAST	3
33	EXISTING SOUTH BULKHEAD DN LGTS		20 A	1			0 VA	0 VA			1	20 A	 EXISTING BULKHEA	D DN AND LOBBY LGTS	34
35	EXISTING BULKHEAD DN LGTS SOUTH		20 A	1					0 VA	0 VA	1	20 A	EXISTING SOUTH CA		3
37	EXISTING XFMR C1TP		100 A	3	0 VA	0 VA					1	20 A	 EXISTING SOUTH CA	ATWALK UPLGTS S	3
39							0 VA	0 VA			1	20 A	 EXISTING SOUTH CA	ATWALK UPLGTS S	4
41									0 VA	0 VA	1	20 A	 EXISTING SOUTH CA	ATWALK UPLGTS S	4
				Load:		VA		VA		VA					
egend	l:		TOLAI	Amps:	(	<u>) A</u>	0	A	0	<u>A</u>			 		
_oad C	lassification		Conn	ected L	oad	Den	nand Fa	ctor	Estin	nated De	mand		Panel	Totals	
													Total Conn. Load:	0 VA	
													Total Est. Demand:		
													 Total Conn.:		
						1			1				Total Est. Demand:		

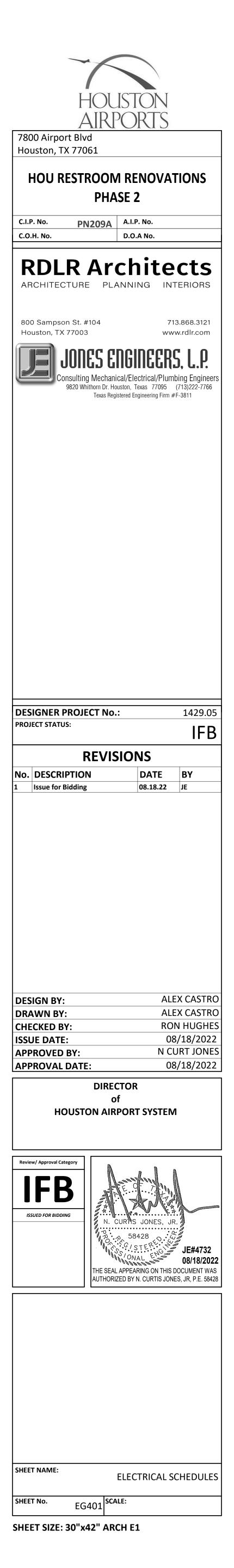
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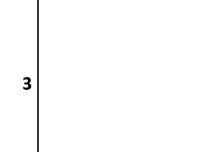
	Location: JANITOR Supply From: L1 Mounting: SURFACE Enclosure: Type 1					F	Volts: Phases: Wires:		3 Wye					A.I.C. Rating: Mains Type: MLO Mains Rating: 100 A MCB Rating:	
Notes:															
СКТ	Circuit Description	Wire	Trip	Poles		A		3	0		Poles	Trip	Wire	Circuit Description	СК
1	TOILET SENSOR	#12	20 A	1		180 VA					1	20 A		SOAP/ WATER FAUCET SENSOR	2
3	HAND DRYER	#12	20 A	1			180 VA	180 VA			1	20 A		HAND DRYER	4
5	SOAP/ WATER FAUCET SENSOR	#12	20 A	1					180 VA	180 VA		20 A		HAND DRYER	6
7	HAND DRYER	#12	20 A	1	180 VA	180 VA					1	20 A		HAND DRYER	8
9	HAND DRYER	#12	20 A	1			180 VA	180 VA			1	20 A	#12	SOAP/ WATER FAUCET SENSOR	10
11	RECEPTACLE	#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	12
13	HAND DRYER	#12	20 A	1	180 VA	180 VA					1	20 A	#12	SOAP/ WATER FAUCET SENSOR	14
15	PAPERTOWEL DISPENSER	#12	20 A	1			720 VA	180 VA			1	20 A	#12	SOAP/ WATER FAUCET SENSOR	16
17	HAND DRYER	#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	18
19	RECEPTACLE	#12	20 A	1	180 VA	900 VA					1	20 A	#12	TOILET SENSOR	20
21	TOILET SENSOR	#12	20 A	1			540 VA	720 VA			1	20 A	#12	TOILET SENSOR	22
23	SOAP/ WATER FAUCET SENSOR	#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	24
25	HAND DRYER	#12	20 A	1	180 VA	180 VA					1	20 A	#12	SOAP/ WATER FAUCET SENSOR	26
27	HAND DRYER	#12	20 A	1			180 VA	180 VA			1	20 A	#12	HAND DRYER	28
29	HAND DRYER	#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	30
31	SOAP/ WATER FAUCET SENSOR	#12	20 A	1	180 VA	180 VA					1	20 A	#12	RECEPTACLE	32
33	HAND DRYER	#12	20 A	1			180 VA	180 VA			1	20 A	#12	HAND DRYER	34
35	SOAP/ WATER FAUCET SENSOR	#12	20 A	1					180 VA	180 VA	1	20 A	#12	PAPERTOWEL DISPENSER	36
37	SOAP/ WATER FAUCET SENSOR	#12	20 A	1	180 VA	180 VA					1	20 A	#12	HAND DRYER	38
39	HAND DRYER	#12	20 A	1			180 VA	180 VA			1	20 A	#12	RECEPTACLE	40
41	TOILET SENSOR	#12	20 A	1					720 VA	180 VA	1	20 A	#12	HAND DRYER	42
43	HAND DRYER	#12	20 A	1	180 VA	360 VA					1	20 A	#12	SOAP/ WATER FAUCET SENSOR	44
45	SOAP/ WATER FAUCET SENSOR	#12	20 A	1			360 VA	720 VA			1	20 A	#12	RECEPTACLE	46
47	RECEPTACLE	#12	20 A	1					180 VA	720 VA	1	20 A	#12	RECEPTACLE	48
49	STALL OCCUPANCY LIGHTS 129,133	#12	20 A	1	180 VA	180 VA					1	20 A	#12	TOILET SENSOR	50
51	Spare		20 A	1			0 VA	4320			3	100 A		PANEL L3	52
53	Spare		20 A	1					0 VA	2880					54
55	Spare		20 A	1	0 VA	4140									56
57	Spare		20 A	1			0 VA	0 VA			1	20 A		Spare	58
			Total	Load:	828	0 VA	936	0 VA	6840						
			Total	Amps:	7	1 A	80	) A	57	A					
Legend	:														
Load C	lassification		Conn	ected I	_oad	Den	nand Fa	ctor	Estim	ated De	mand			Panel Totals	
Power				9260 V			100.00%			19260 VA					
Recepta			5	220 VA	\		100.00%	)		5220 VA	·			Total Conn. Load:24480 VATotal Est. Demand:24480 VA	
														Total Conn.: 68 A	
									1			1		Total Est. Demand: 68 A	

Notes

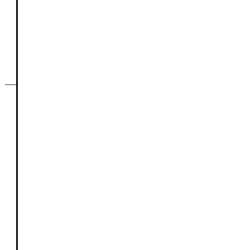
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A       LITHONIA #CLX LED L48 5000LM SEF RDL WD MVOLT GZ10 40K 80CRI       PEND/SURF       37.9       LED       MVOLT         C2       MARK #FINL-2FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       12       LED       277         C3       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       14       LED       277         C4       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       24       LED       277         D       FOCALPOINT #FL6D-20LED-L40-RO-T       RECESSED       24.1       LED       MVOLT         DE       FOCALPOINT #FL6D-20LED-L40-RO-T       RECESSED       24.1       LED       MVOLT         DE       FOCALPOINT #FL6D-20LED-L40-RO-T       RECESSED       24.7       LED       MVOLT         DE       FOCALPOINT #FL6D-20LED-L40-RO-T       RECESSED       24.7       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #2BL72-49LHE-ADP-MVOLT-EZ1-LP835       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXURI         Location:       Supply From:       Supply From:       Phases: 3       Mains Type: ICB         Notes:       EXISTING PANEL       Volts:       EXISTING PANEL       Volts: 480277 Wye       ALC, Rating: IOA <t< th=""><th></th><th>Ligi</th><th>hting Fix</th><th>cture S</th><th>chedu</th><th>ule</th><th></th><th></th></t<>		Ligi	hting Fix	cture S	chedu	ule		
C2       MARK #FINL-2FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       12       LED       277       C         C3       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       18       LED       277       C         C4       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       24       LED       277       C         D       FOCALPOINT #FL6D-20LED-140-R0-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         DE       FOCALPOINT #FL6D-20LED-140-R0-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #2BLT-24LHE-AD-MVOLT-E27-LP835       RECESSED       24.1       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI         Lucontion:       Supply From:       Supply From:       Volts: 480277 Wye       ALC. Rating: 100 A         Mains Rating: 100 A       Motes:       EXISTING PANEL       Volts:       Mains Rating: 100 A         Kotes:       EXISTING PANEL       C/K       Circuit Description       Wire       Tip Poles       A       B       C       Poles<	Mark	Description	Mounting		Туре	Volts Lens		Remarks
C2       MARK #FINL-2FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       12       LED       277       C         C3       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       18       LED       277       C         C4       MARK #FINL-3FT-4D-N40K-AD-277-CF-N100EMG-DPL       RECESSED       24       LED       277       C         D       FOCALPOINT #FL6D-20LED-140-R0-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         DE       FOCALPOINT #FL6D-20LED-140-R0-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #2BLT-24LHE-AD-MVOLT-E27-LP835       RECESSED       24.1       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI         Lucontion:       Supply From:       Supply From:       Volts: 480277 Wye       ALC. Rating: 100 A         Mains Rating: 100 A       Motes:       EXISTING PANEL       Volts:       Mains Rating: 100 A         Kotes:       EXISTING PANEL       C/K       Circuit Description       Wire       Tip Poles       A       B       C       Poles<								
C3       MARK #FINL-3FT-4D-N-40K-AD-277-CF-N100EMG-DPL       RECESSED       18       LED       277         C4       MARK #FINL-4FT-4D-N-40K-AD-277-CF-N100EMG-DPL       RECESSED       24       LED       277         D       FOCALPOINT #FL6D-20LED-140-RO-T       RECESSED       24.1       LED       MVOLT         DE       FOCAL POINT #FL6D-20LED-140-RO-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #28LT2-48LHE-ADP-MVOLT-EZ1-LP835       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGTH OF THE CON         Volts: 480/277 Wyc       ALC. Rating:         Supply From:       Supply From:       Phases: 3       Mains Rating: 100 A         Notes:         CKT       Circuit Description         Wire       Tip Poles       A       B       C       Poles       Tip Wire       Circuit Description								
C4       MARK #FINL-4FT-4D-N-40K-AD-277-CF-N100EMG-DPL       RECESSED       24       LED       277       Image: Comparison of the comparison of								
D       FOCALPOINT #FL6D-20LED-140-RO-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         DE       FOCAL POINT #FL6D-20LED-140-RO-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #2BL72-48LHE-ADP-MVOLT-EZ1-LP835       RECESSED       24.7       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MINIO-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGTH OF THE CON         Branch Panel:       EMCTHF       Voits: 480/277 Wye       ALC. Rating:       Mains Type: MCB         Mounting: Supply From:       Supply From:       Voits: 480/277 Wye       ALC. Rating:       Mains Type: MCB         Mounting: SURFACE       Wire: 4       Wire: 4       Mains Rating: 100 A       MCB Rating: 100 A         Notes:       EXISTING PANEL       Kr       Trip Poles       A       B       C       Poles       Tip Wire       Circuit Description								
DE       FOCAL POINT #FL6D-20LED-L40-RO-T       RECESSED       24.1       LED       MVOLT       CONNECTED THRU EMERGENCY SYSTEM         E       LITHONIA #28L12-48LHE-ADP-MVOLT-EZ1-LP835       RECESSED       24.7       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURE         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURE         Location:       Supply From::       Location:       Volts: 480/277 Wye       ALC. Rating:       Mains Type: MCB         Supply From::       Location:       Supply From:::       Phases: 3       Mains Type: MCB       MoB Rating: 100 A         Notes:       EXISTING PANEL       K       Gircuit Description       Wire       Trip Poles       A       B       C       Poles       Trip Wire       Circuit Description	C4	MARK #FINL-4FT-4D-N-40K-AD-277-CF-N100EMG-DPL						
E       LITHONIA #2BLT2-48LHE-ADP-MVOLT-EZ1-LP835       RECESSED       24.7       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGHT OF THE FIXTURI ILLUMINATE THE FULL LENGHT OF THE COVERNMENT         F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGHT OF THE COVERNMENT         F       Branch Panel: EMC1HF       Location:       Volts: 480/277 Wye       ALC. Rating:         Supply From:       Supply From:       Phases: 3       Mains Type: MCB         Mounting: SURFACE       Mounting: SURFACE       Wires: 4       Mains Rating: 100 A         Notes:       EXISTING PANEL       Kire       Trip       Poles       A       B       C       Poles       Trip       Wire       Circuit Description								
F       MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT       RECESSED       168       LED       MVOLT       COORDINATE THE LENGTH OF THE FIXTURI ILLUMINATE THE FULL LENGHT OF THE COVIDENCIAL CONTRACT OF THE COVIDENCIAL C	DE	FOCAL POINT #FL6D-20LED-L40-RO-T	RECESSED	24.1	LED	MVOLT	CONNECTE	D THRU EMERGENCY SYSTEM
ILLUMINATE THE FULL LENGHT OF THE CONSISTENCY         Branch Panel: EMC1HF         Location:         Supply From:         Supply From:         Mounting:         SURFACE         Enclosure: Type 1         Notes:         EXISTING PANEL         CKT       Circuit Description         Wire       Trip         Poles       A         B       C       Poles         Trip       Wire         Circuit Description       Wire       Trip       Poles	E	LITHONIA #2BLT2-48LHE-ADP-MVOLT-EZ1-LP835	RECESSED	24.7	LED	MVOLT		
Branch Panel: EMC1HF         Location:         Supply From:         Phases: 3         Mounting: SURFACE       Wires: 4         Enclosure: Type 1       MCB Rating: 100 A         Notes:         EXISTING PANEL         CKT       Circuit Description         Wire       A         B       C         Poles       Trip         Wire       Trip         Wire       Trip       Wire	F	MARK #SL4L-XXFT-RL-XX-90CRI-40K-800LMF-MIN10-277-ZT	RECESSED	168	LED	MVOLT		
Location:       Volts: 480/277 Wye       A.I.C. Rating:         Supply From:       Phases: 3       Mains Type: MCB         Mounting: SURFACE       Wires: 4       Mains Rating: 100 A         Enclosure: Type 1       Motes:       Mains Type: MCB         Kotes:       EXISTING PANEL       Kotes:       Kotes:         EXISTING PANEL       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Circuit Description								
Supply From: Mounting: SURFACE Enclosure: Type 1       Phases: 3 Wires: 4       Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A         Notes:       EXISTING PANEL       Image: CKT       Circuit Description       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Trip       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Trip       Vire       Trip       Vire       Trip       Poles       A       B       C       Poles       Trip       Vire       Trip       Vire								
Mounting: SURFACE Enclosure: Type 1       Wires: 4       Mains Rating: 100 A MCB Rating: 100 A         Notes:       EXISTING PANEL         KT       Circuit Description         Wire       Trip         Poles       A         B       C         Poles       Trip				1HF				
Notes:         EXISTING PANEL         CKT       Circuit Description       Wire       Trip       Poles       A       B       C       Poles       Trip       Wire       Circuit Description			Location:	1HF		-		-
EXISTING PANEL         CKT       Circuit Description       Wire       Trip       Poles       A       B       C       Poles       Trip       Wire       Circuit Description		Sup	Location: pply From:			Phases: 3		Mains Type: MCB
CKT       Circuit Description       Wire       Trip       Poles       A       B       C       Poles       Trip       Wire       Circuit Description		Sup	Location: pply From: Mounting: SURFACE			Phases: 3		Mains Type: MCB Mains Rating: 100 A
		Sup	Location: pply From: Mounting: SURFACE			Phases: 3		Mains Type: MCB Mains Rating: 100 A
		Sup E Notes:	Location: pply From: Mounting: SURFACE Enclosure: Type 1			Phases: 3		Mains Type: MCB Mains Rating: 100 A
		Sup E Notes: EXISTING PAN	Location: pply From: Mounting: SURFACE Enclosure: Type 1			Phases: 3 Wires: 4		Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A
		Sup E Notes: EXISTING PAN	Location: pply From: Mounting: SURFACE Enclosure: Type 1 IEL Description N SIDE			Phases: 3 Wires: 4 B C	Poles Trip 1 20 A 1 20 A	Mains Type:       MCB         Mains Rating:       100 A         MCB Rating:       100 A         Wire       Circuit Description         Mains       Circuit Description         Circuit Description       Circuit Description         Mains       Circuit Description









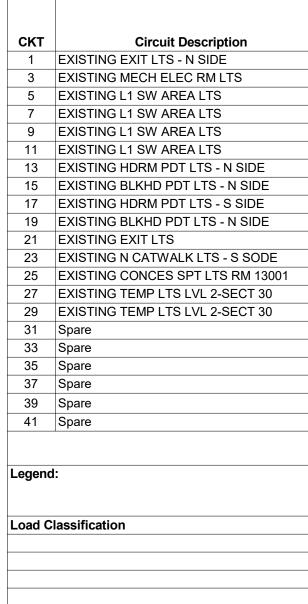














# PLOT DATE: DOA DWG FILE OLD DOA No. :

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3		

HF													
				F	Volts: Phases: Wires:		7 Wye					A.I.C. Rating: Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A	
Wire	Trip	Poles		A		3	(	2	Poles	Trip	Wire	Circuit Description	СК
	20 A	1	0 VA	0 VA					1	20 A		EXISTING CVRD AREA 13003 LTS	2
	20 A	1			0 VA	0 VA			1	20 A		EXISTING L1 SW AREA LTS	4
	20 A	1					0 VA	0 VA	1	20 A		EXISTING L1 SW AREA LTS	6
	20 A	1	0 VA	0 VA					1	20 A		EXISTING L1 SW AREA LTS	8
	20 A	1			0 VA	0 VA			1	20 A		EXISTING L1 SW AREA LTS	1(
	20 A	1					0 VA	0 VA	1	20 A		EXISTING L1 SW AREA LTS	12
	20 A	1	0 VA	0 VA					1	20 A		EXISTING BTHRM LTS - E SIDE	14
	20 A	1			0 VA	0 VA			1	20 A		EXISTING HLDRM PDT LTS - N SIDE	16
	20 A	1					0 VA	0 VA	1	20 A		EXISTING BLKHD PDT LTS - N SIDE	18
	20 A	1	0 VA	0 VA					1	20 A		EXISTING HLDRM PDT LTS - S SIDE	20
	20 A	1			0 VA	0 VA			1	20 A		EXISTING EXIT LTS	22
	20 A	1					0 VA	0 VA	1	20 A		EXISTING S CATWALK UP LTS S SIDE	24
	20 A	1	0 VA	0 VA					3	50 A		EXISTING XFMR EMC1TF 30 KVA	26
	20 A	1			0 VA	0 VA							28
	20 A	1					0 VA	0 VA					30
	20 A	1	0 VA	0 VA					1	20 A		Spare	32
	20 A	1			0 VA	0 VA			1	20 A		Spare	34
	20 A	1					0 VA	0 VA	1	20 A		Spare	36
	20 A	1	0 VA	0 VA					1	20 A		Spare	38
	20 A	1			0 VA	0 VA			1	20 A		Spare	40
	20 A	1					0 VA	0 VA	1	20 A		Spare	42
	Total			VA		VA	0 \						
	Total A	Amps:	0	А	0	A	0	A					

Connected Load	Demand Factor	Estimated Demand	Panel	Totals
			Total Conn. Load:	0 VA
			Total Est. Demand:	0 VA
			Total Conn.:	0 A
			Total Est. Demand:	0 A

A.I.C. Rating:

Phases: 3 Wires: 4							Mains Type: MLO Mains Rating: 100 A MCB Rating:								
 Wire	Trip	Poles		<b>A</b>	E	3	C		Poles	Trip	Wire	Circuit Description	СКТ		
 #12	20 A	1	360 VA	180 VA					1	20 A	#12	HAND DRYER	2		
#12	20 A	1			180 VA	180 VA			1	20 A	#12	SOAP/ WATER FAUCET SENSOR	4		
#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	6		
#12	20 A	1	180 VA	180 VA					1	20 A	#12	SOAP/ WATER FAUCET SENSOR	8		
#12	20 A	1			180 VA	180 VA			1	20 A	#12	HAND DRYER	10		
#12	20 A	1					180 VA	900 VA	1	20 A	#12	TOILET SENSOR	12		
#12	20 A	1	180 VA	180 VA					1	20 A	#12	HAND DRYER	14		
#12	20 A	1			180 VA	180 VA			1	20 A	#12	SOAP/ WATER FAUCET SENSOR	16		
#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	18		
#12	20 A	1	180 VA	180 VA					1	20 A	#12	HAND DRYER	20		
#12	20 A	1			180 VA	180 VA			1	20 A	#12	RECEPTACLE	22		
#12	20 A	1					180 VA	180 VA	1	20 A	#12	HAND DRYER	24		
#12	20 A	1	180 VA	1260					1	20 A	#12	PAPERTOWEL DISPENSER	26		
#12	20 A	1			900 VA	180 VA			1	20 A	#12	HAND DRYER	28		
#12	20 A	1					180 VA	180 VA	1	20 A	#12	SOAP/ WATER FAUCET SENSOR	30		
#12	20 A	1	180 VA	180 VA					1	20 A	#12	HAND DRYER	32		
#12	20 A	1			180 VA	180 VA			1	20 A	#12	PAPERTOWEL DISPENSER	34		
#12	20 A	1					720 VA	900 VA	1	20 A	#12	RECEPTACLE	36		
#12	20 A	1	720 VA	180 VA					1	20 A	#12	STALL OCCUPANCY LIGHTS 136,139	38		
	20 A	1			0 VA	0 VA			1	20 A		Spare	40		
-	20 A	1					0 VA	0 VA	1	20 A		Spare	42		
-	20 A	1	0 VA	0 VA					1	20 A		Spare	44		
	20 A	1			0 VA	0 VA			1	20 A		Spare	46		
	20 A	1					0 VA	0 VA	1	20 A		Spare	48		
		Load:		0 VA	2880		4140								
	Total /	Amps:	38	3 A	24	A	36	A							

Volts: 120/208 Wye

Connected Load	Demand Factor	Estimated Demand	Panel	Totals	
8460 VA	100.00%	8460 VA			
2880 VA	100.00%	2880 VA	Total Conn. Load:	11340 VA	
			Total Est. Demand:	11340 VA	
			Total Conn.:	31 A	
			Total Est. Demand:	31 A	

		Brand
r	lotes:	
		STING I
-		
	СКТ	
	1	EXISTING BA
	3	EXISTING BA
	5	EXISTING BH
	7	EXISTING AC
	9	Spare
	11	Spare
	13	Spare
	15	Spare
$\vdash$	17	Spare
-	19 21	Spare
$\vdash$	23	Spare Spare
$\vdash$	25	EXISTING NO
$\vdash$	27	Spare
$\vdash$	29	Spare
$\vdash$	31	Spare
	33	Spare
$\vdash$	35	Spare
	37	EXISTING XF
	39	
	41	
L	.egend	:
ī	oad C	lassification
-		
ľ	lotes:	

	Location: Supply From: Mounting: SURFACE Enclosure: Type 1					I	Volts: Phases: Wires:		3 Wye					A.I.C. Rating: Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A	
Notes:															
EXI	STING PANEL														
СКТ	Circuit Description	Wire	Trip	Poles		4	E	3		>	Poles	Trip	Wire	Circuit Description	скт
1	EXISTING COMM RM REC		20 A	1	0 VA	0 VA					1	20 A		EXISTING COMM RM REC	2
3	EXISTING COMM RM REC		30 A	2			0 VA	0 VA			1	20 A		EXISTING ELEV E-5 CONTROLS	4
5									0 VA	0 VA	1	20 A		EXISTING ELEC RM REC	6
7	EXISTING GATE COUNTER		20 A	1	0 VA	0 VA					1	20 A		EXISTING VALVE MORTER	8
9	EXISTING GATE COUNTER		20 A	1			0 VA	0 VA			1	20 A		EXISTING FIRE ALARM BOOSTER PANEL	10
11	EXISTING PARADIES STORAGE		20 A	1					0 VA	0 VA	1	20 A		EXISTING RR AUTO FLUSH	12
13	EXISTIN F/A PANEL		20 A	1	0 VA	0 VA					1	20 A		EXISITING F/A PANEL	14
15	EXISTING EFSO PLC		20 A	1			0 VA	0 VA			3	20 A		EXISTING SPRINKLER SYS AIR	16
17	Spare		20 A	1					0 VA	0 VA					18
19	Spare		20 A	1	0 VA	0 VA									20
21	EXISTING CNN TEL. SOUTH		20 A	1			0 VA	0 VA			1	20 A		Spare	22
23	Spare		20 A	1					0 VA	0 VA	1	20 A		Spare	24
25	Spare		20 A	1	0 VA	0 VA					1	20 A		Spare	26
27	Spare		20 A	1			0 VA	0 VA			1	20 A		Spare	28
29	Spare		20 A	1					0 VA	0 VA	1	20 A		Spare	30
31	Spare		20 A	1	0 VA	0 VA					1	20 A		Spare	32
33	Spare		20 A	1			0 VA	0 VA			1	20 A		EXISTING OPS OFFICE REC	34
35	Spare		20 A	1					0 VA	0 VA	1	20 A		EXISTING OPS OFFICE REC	36
37	EXISTING TVSS		20 A	3	0 VA	0 VA					1	20 A		EXISTING OPS OFFICE REC	38
39							0 VA	0 VA			1	20 A		EXISTING OPS OFFICE REC	40
41									0 VA	0 VA	1	20 A		EXISTING OPS OFFICE REC	42
			Total	Load:	0	VA	0 \	/A	0 \	/A					
			Total	Amps:	0	А	0	A	0	A					
Legend	1:														

	Location: Supply From: Mounting: SURFACE Enclosure: Type 1					I	Volts: Phases: Wires:		3 Wye					A.I.C. Rating: Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A		
Notes:	STING PANEL															
СКТ	Circuit Description	Wire	Trip	Poles		4	I	В		0	Poles	Trip	Wire	Circuit D	escription	СКТ
1	EXISTING COMM RM REC		20 A	1	0 VA	0 VA					1	20 A		EXISTING COMM RM	REC	2
3	EXISTING COMM RM REC		30 A	2			0 VA	0 VA			1	20 A		EXISTING ELEV E-5 C	ONTROLS	4
5									0 VA	0 VA	1	20 A		EXISTING ELEC RM R	EC	6
7	EXISTING GATE COUNTER		20 A	1	0 VA	0 VA					1	20 A		EXISTING VALVE MO	RTER	8
9	EXISTING GATE COUNTER		20 A	1			0 VA	0 VA			1	20 A		EXISTING FIRE ALARI	M BOOSTER PANEL	10
11	EXISTING PARADIES STORAGE		20 A	1					0 VA	0 VA	1	20 A		EXISTING RR AUTO F	LUSH	12
13	EXISTIN F/A PANEL		20 A	1	0 VA	0 VA					1	20 A		EXISITING F/A PANEL		14
15	EXISTING EFSO PLC		20 A	1			0 VA	0 VA			3	20 A		EXISTING SPRINKLEF	R SYS AIR	16
17	Spare		20 A	1					0 VA	0 VA						18
19	Spare		20 A	1	0 VA	0 VA										20
21	EXISTING CNN TEL. SOUTH		20 A	1			0 VA	0 VA			1	20 A		Spare		22
23	Spare		20 A	1					0 VA	0 VA	1	20 A		Spare		24
25	Spare		20 A	1	0 VA	0 VA					1	20 A		Spare		26
27	Spare		20 A	1			0 VA	0 VA			1	20 A		Spare		28
29	Spare		20 A	1					0 VA	0 VA	1	20 A		Spare		30
31	Spare		20 A	1	0 VA	0 VA					1	20 A		Spare		32
33	Spare		20 A	1			0 VA	0 VA			1	20 A		EXISTING OPS OFFIC	E REC	34
35	Spare		20 A	1					0 VA	0 VA	1	20 A		EXISTING OPS OFFIC	E REC	36
37	EXISTING TVSS		20 A	3	0 VA	0 VA					1	20 A		EXISTING OPS OFFIC	E REC	38
39							0 VA	0 VA			1	20 A		EXISTING OPS OFFIC	E REC	40
41									0 VA	0 VA	1	20 A		EXISTING OPS OFFIC	E REC	42
			Total	Load:	0	VA	0	VA	0 \	VA						
			Total	Amps:	0	А	0	А	0	A						
Legen																
Load C	Classification		Conn	ected L	.oad	Den	nand Fa	ctor	Estin	nated De	mand			Panel 1	Fotals	
														Total Conn. Load:	0 VA	

Total Conn. Load: Total Est. Demand: Total Conn.:	0 VA
Total Conn.:	
	0 A
Tatal Cat Damanda	
Total Est. Demand:	0 A
	1
_	

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A.I.C. Rating: Mains Type: MCB

Mains Rating: 100 A

MCB Rating: 100 A

#### Branch Panel: EMC1HE

#### Location: Supply From:

Mounting: SURFACE Enclosure: Type 1

PANEL										1				
Circuit Description	Wire	Trip	Poles		4	I	3			Poles	Trip	Wire	Circuit Description	СКТ
AGGAGE AREA LTS		20 A	1	0 VA	0 VA					1	20 A		EXISTING BAGGAGE AREA LTS	2
AGGAGE AREA LTS		20 A	1			0 VA	0 VA			1	20 A		EXISTING BAGGAGE AREA LTS	4
HS RM STAIRS, ELEC RM LTS		20 A	1					0 VA	0 VA	1	20 A		EXISTING SCANNER RM & BAGGAGE ARE	6
CU C-105		20 A	1	0 VA	0 VA					1	20 A		EXISTING CBRA RM LTS	8
		20 A	1			0 VA	0 VA			1	20 A		Spare	10
		20 A	1					0 VA	0 VA	1	20 A		Spare	12
		20 A	1	0 VA	0 VA					1	20 A		Spare	14
		20 A	1			0 VA	0 VA			1	20 A		Spare	16
		20 A	1					0 VA	0 VA	1	20 A		Spare	18
		20 A	1	0 VA	0 VA					1	20 A		Spare	20
		20 A	1			0 VA	0 VA			1	20 A		Spare	22
		20 A	1					0 VA	0 VA	1	20 A		EXISTING RR LTS L2	24
ODE AREA EAST LTS		20 A	1	0 VA	0 VA					1	20 A		Spare	26
		20 A	1			0 VA	0 VA			1	20 A		Spare	28
		20 A	1					0 VA	0 VA	1	20 A		Spare	30
		20 A	1	0 VA	0 VA					1	20 A		Spare	32
		20 A	1			0 VA	0 VA			1	20 A		Spare	34
		20 A	1					0 VA	0 VA	1	20 A		Spare	36
FMR EMC1TE		50 A	3	0 VA	0 VA					1	20 A		Spare	38
						0 VA	0 VA			1	20 A		Spare	40
								0 VA	0 VA	1	20 A		Spare	42
		Total	Load:	0	VA	0 \	VA	0 \	/A					
		Total A	Amps: ่							-				

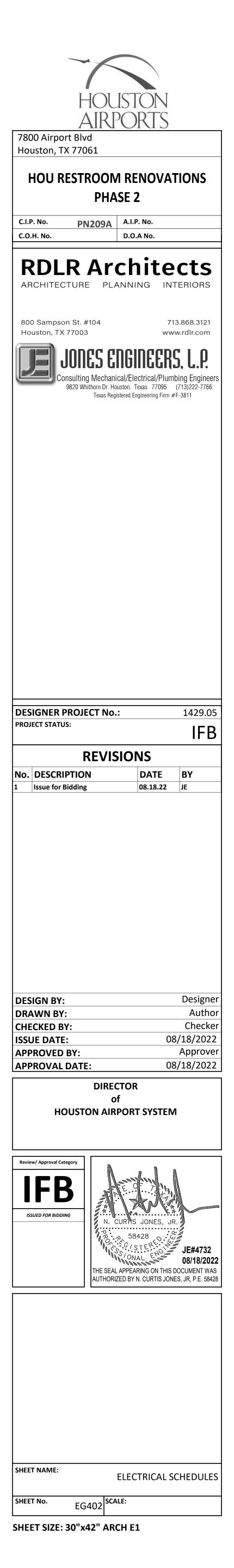
Volts: None

Phases: Not Computed

Wires: Not Computed

Connected Load	Demand Factor	Estimated Demand	Panel	Totals
			Total Conn. Load:	0 VA
			Total Est. Demand:	0 VA
			Total Conn.:	Not Computed
			Total Est. Demand:	Not Computed

## Branch Panel: EMC1LF



		4	LOAD ANALYSIS Load Classification PEAK KVA X 125% Lighting Peacenteele	Connected Load (VA)           35000 VA           0 VA           7740 VA	Demand Factor 125.00% 0.00%
			Receptacle Power	163580 VA	100.00%
			Total Connected Load (VA) 480/277 Wye, 3 Phase, 4 Wire Service	: 206320 VA	Total Den
		3			
	20.rvt				
	/4732_MEF				
	FILE PATH: BIM 360://1429.06 Hobby Airport Restroom Renovations/4732_MEP20.rvt	2			
	estroom Re				
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PLOT DATE: Doa Dwg File: Old Doa No. :	PLOT DATE:				

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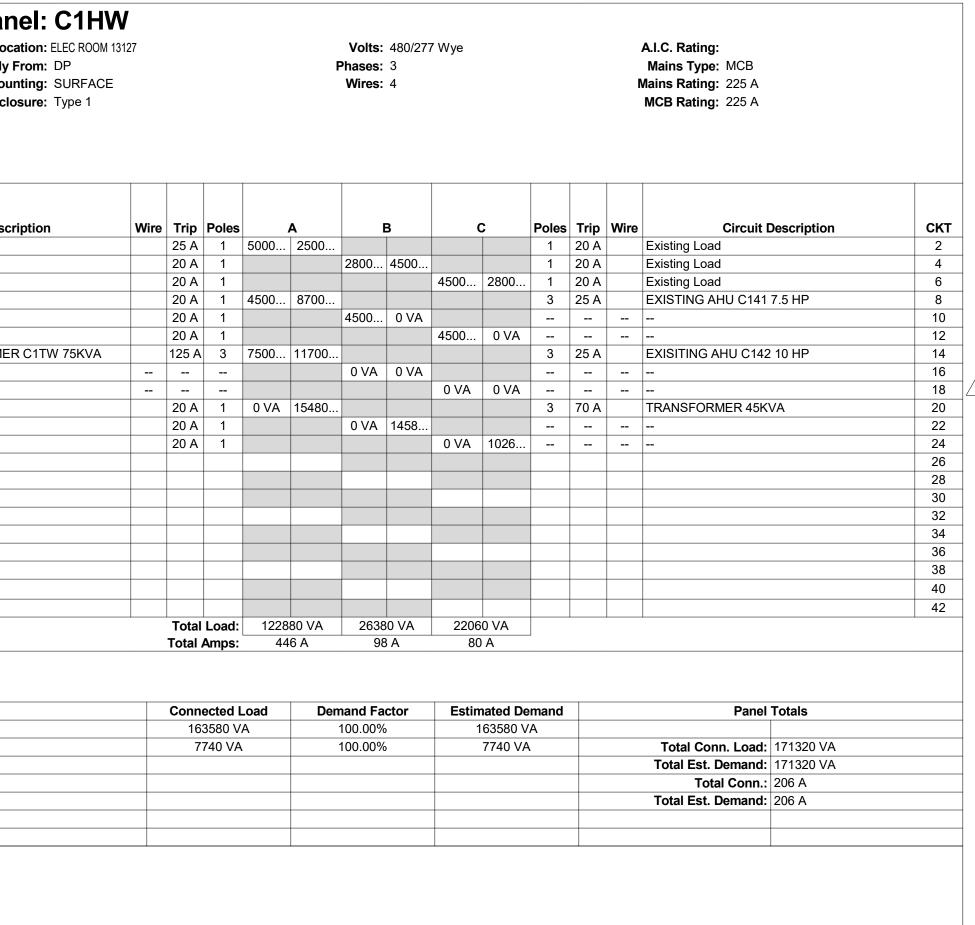
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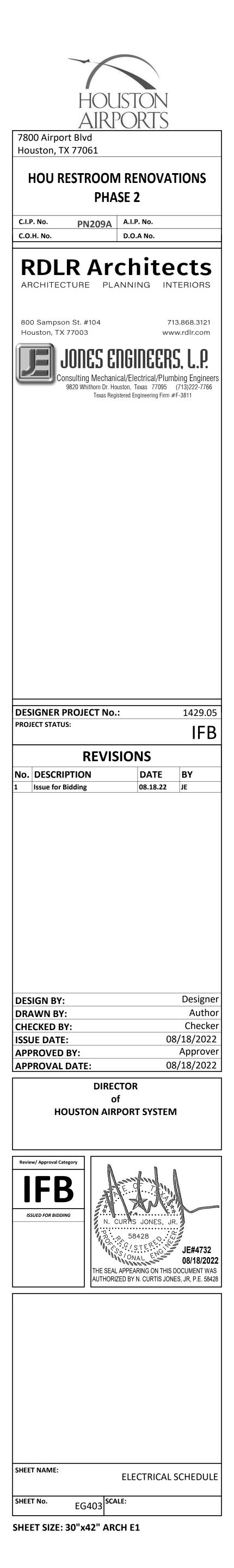
	Location: Supply From: Mounting: SURFACE Enclosure: Type 1				I	Volts: Phases: Wires:		′ Wye				A.I.C. Rating: Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A		
lotes: = X	ISTING PANEL													
_/														
скт	Circuit Description	Trip	Poles		4		3		C	Poles	Trip	Circuit D	escription	скт
1	EXISTING PC AIR AHU GATE 22	100 A	3	0 VA	0 VA					3	-	EXISTING PC AIR AHU		2
3						0 VA	0 VA							4
5								0 VA	0 VA					6
7	EXISTING PC AIR AHU GATE 26	100 A	3	0 VA	0 VA					3	20 A	Spare		8
9						0 VA	0 VA							10
11								0 VA	0 VA					12
13	Spare	30 A	3	0 VA	0 VA					3	20 A	Spare		14
15	-					0 VA	0 VA							16
17								0 VA	0 VA					18
19	Spare	80 A	3	0 VA	0 VA					3	20 A	Spare		20
21						0 VA	0 VA							22
23								0 VA	0 VA					24
25	Spare	20 A	3	0 VA										26
27						0 VA								28
29								0 VA						30
31	Space		1							1		Space		32
33	Space		1							1		Space		34
35	Space		1							1		Space		36
37	Space		1							1		Space		38
39	Space		1							1		Space		40
41	Space		1							1		Space		42
		Tota	al Load:	0	VA	0	VA	0	VA	-				
			I Amps:		A		A		A	]				
gen	d:													
oad C	Classification	Con	nected I	oad	Der	nand Fa	ctor	Estim	nated De	mand		Panel	Totals	
												Total Conn. Load:		
												Total Est. Demand:		
												Total Conn.:		
												Total Est. Demand:	0 A	

	Branch Pan Loca Supply F Mour Enclo
Notes: EXISTIN	NG PANEL
СКТ	Circuit Descr
1	Existing Load
3	Existing Load
5	Existing Load
7	Existing Load
9	Existing Load
11	Existing Load
13	EXISTING TRANSFORMER
15	
17	
19	SPARE
21	SPARE
23	SPARE
25	
27	
29	
31	
33	
35	
37	
39	
41	
Legend	:
Load C	assification
Power	
Recepta	acle
I	
Notes:	

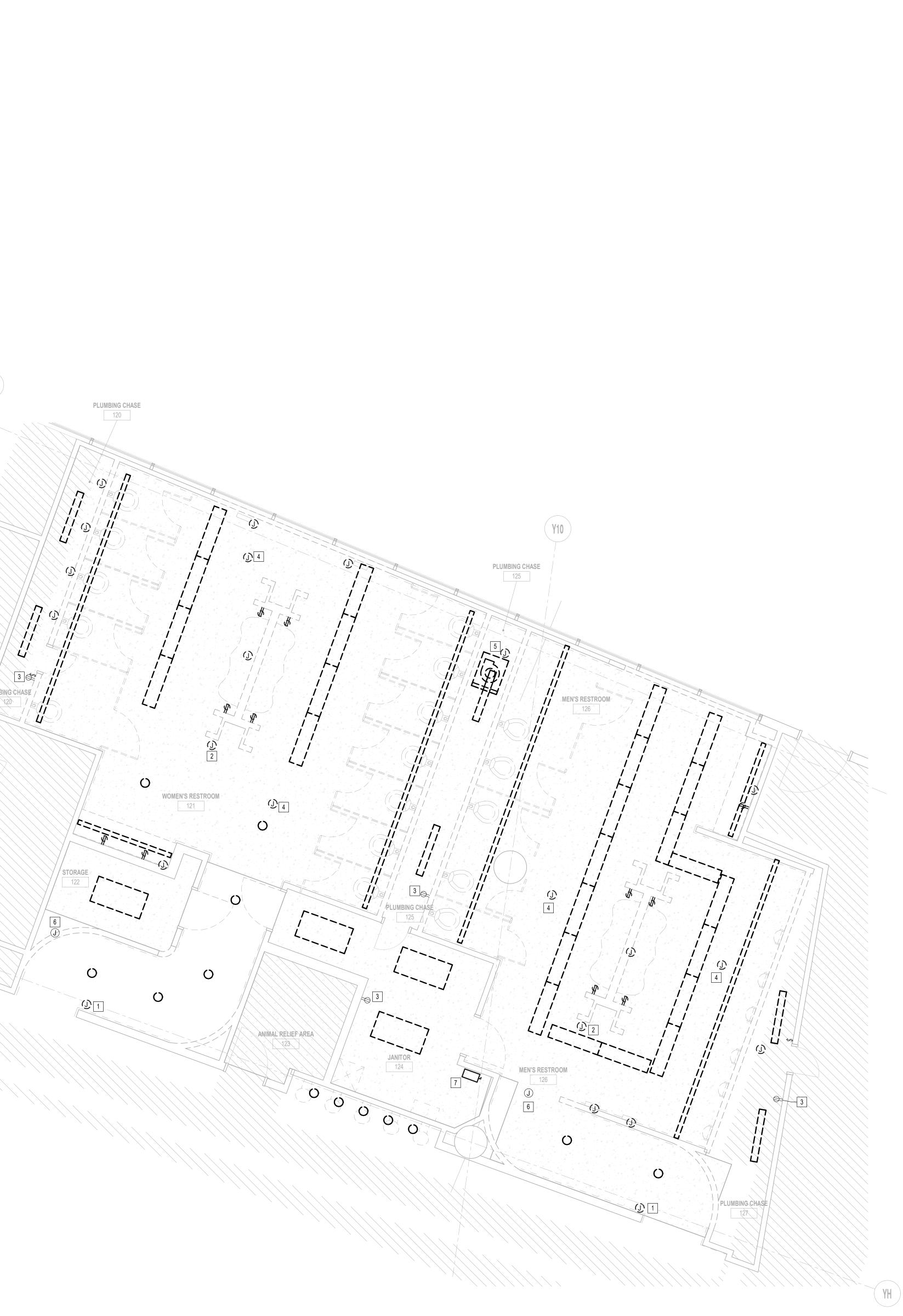
d	Estimated Demand (VA)	Estimated Demand Current
6	43750 VA	53 A
	0 VA	0 A
6	7740 VA	9 A
6	163580 VA	197 A
ema	nd Load (VA):	215070 VA
	Total Current:	259 A

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				(YL) (Y11)
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	20.rvt			
	MEP			
	s/4732			
	vation			
	Reno	2		
	stroon			
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	y Airp			
	6 Hobt			
	1429.0			
	60://1	_		
	FILE PATH: BIM 360://1429.06 Hobby Airport Restroom Renovations/4732_MEP20.rvt			
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RICAL PLAN - GATE 20-23

## GENERAL LIGHTING DEMOLITION NOTES:

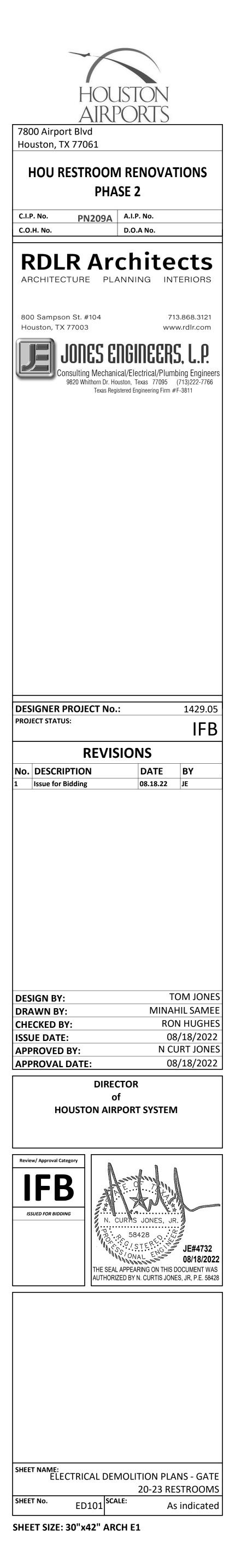
1. ALL LIGHTING TO BE REMOVED. REMOVE LIGHT FIXTURES, CONDUIT AND WIRE BACK TO NEAREST JUNCTION BOX. EXISTING BRANCH CIRCUIT ARE TO REMAIN AND BE REUSED FOR NEW LIGHTING. REFER TO LIGHTING PLANS FOR NEW LAYOUT.

### GENERAL POWER DEMOLITION NOTES:

- CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES IN THE AREA OF WORK. ELECTRICAL CONDUIT, BOX, AND BRANCH CIRCUITS ARE TO BE REMOVED ALL THE WAY TO THE SOURCE PANEL. UNLESS OTHER WISE NOTED.
   REMOVE ALL FIRE ALARM DEVICES.

	PLAN KEY NOTES
#	NOTE
1	JUNCTION BOX FOR PASSENGER COUNTER. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION.
2	JUNCTION BOX FOR SMART RESTROOM DEVICE. REMOVE AND PLACE IN OWNER STOCK.
3	EXISTING RECEPTACLE TO REMAIN. REMOVE CONDUIT AND WIRE BACK TO THE SOURCE PANEL. REFER TO POWER PLANS FOR NEW CIRCUITING.
4	JUNCTION BOX FOR BEACON SCANNERS. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION.
5	DISCONNECT EXHAUST FAN.

6 EXISTING JUNTION BOX FOR SIGN / DAMPER TO REMAIN.
7 EXISTING DISCONNECT SWITCH FOR EDF CHILLER TO REMAIN.





В

GENERAL LIGHTING DEMOLITION NOTES:

GENERAL POWER DEMOLITION NOTES:

LAYOUT.

1. ALL LIGHTING TO BE REMOVED. REMOVE LIGHT FIXTURES, CONDUIT AND WIRE BACK TO NEAREST JUNCTION BOX. EXISTING BRANCH CIRCUIT ARE TO REMAIN

CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES IN THE AREA OF WORK. ELECTRICAL CONDUIT, BOX, AND BRANCH CIRCUITS ARE TO BE REMOVED ALL THE WAY TO THE SOURCE PANEL. UNLESS OTHER WISE NOTED.
 REMOVE ALL FIRE ALARM DEVICES.

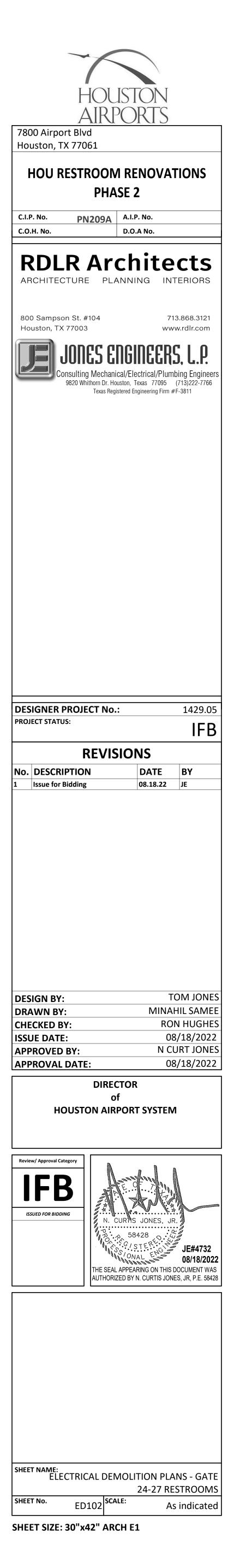
AND BE REUSED FOR NEW LIGHTING. REFER TO LIGHTING PLANS FOR NEW

#### PLAN KEY NOTES NOTE

- JUNCTION BOX FOR PASSENGER COUNTER. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION. JUNCTION BOX FOR SMART RESTROOM DEVICE. REMOVE AND PLACE IN OWNER STOCK.
- EXISTING RECEPTACLE TO REMAIN. REMOVE CONDUIT AND WIRE BACK TO THE SOURCE PANEL. REFER TO POWER PLANS FOR NEW CIRCUITING.
- JUNCTION BOX FOR BEACON SCANNERS. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION. 5 DISCONNECT EXHAUST FAN.
- 6 EXISTING JUNTION BOX FOR SIGN / DAMPER TO REMAIN. 7 EXISTING DISCONNECT SWITCH FOR EDF CHILLER TO BE RELOCATED.

PI LIMBING CHA

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GENERAL LIGHTING DEMOLITION NOTES:

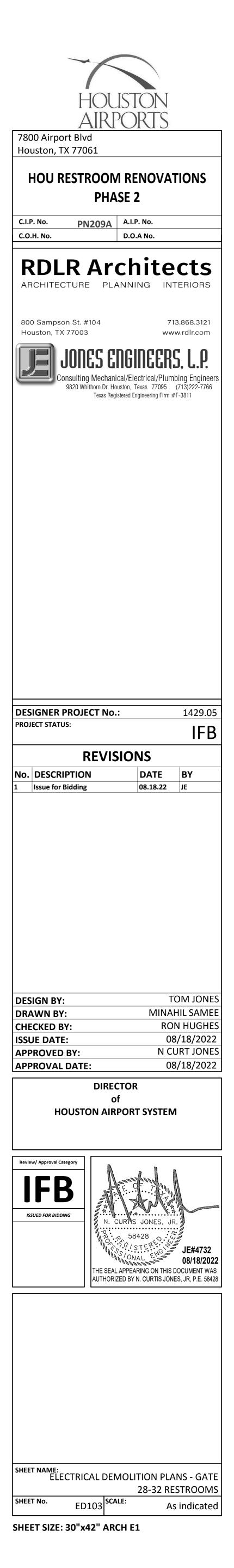
1. ALL LIGHTING TO BE REMOVED. REMOVE LIGHT FIXTURES, CONDUIT AND WIRE BACK TO NEAREST JUNCTION BOX. EXISTING BRANCH CIRCUIT ARE TO REMAIN AND BE REUSED FOR NEW LIGHTING. REFER TO LIGHTING PLANS FOR NEW LAYOUT.

#### GENERAL POWER DEMOLITION NOTES:

- CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES IN THE AREA OF WORK. ELECTRICAL CONDUIT, BOX, AND BRANCH CIRCUITS ARE TO BE REMOVED ALL THE WAY TO THE SOURCE PANEL. UNLESS OTHER WISE NOTED.
   REMOVE ALL FIRE ALARM DEVICES.

#### PLAN KEY NOTES

- NOTE JUNCTION BOX FOR PASSENGER COUNTER. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION.
- JUNCTION BOX FOR SMART RESTROOM DEVICE. REMOVE AND PLACE IN OWNER STOCK.
   EXISTING RECEPTACLE TO REMAIN. REMOVE CONDUIT AND WIRE BACK TO THE SOURCE PANEL. REFER TO POWER PLANS FOR NEW CIRCUITING.
- 4 JUNCTION BOX FOR BEACON SCANNERS. REMOVE AND STORE. REFER TO POWER PLANS FOR NEW LOCATION.
- 5 DISCONNECT EXHAUST FAN.
- EXISTING JUNCTION BOX FOR SIGN / DAMPER TO REMAIN. EXISTING DISCONNECT SWITCH FOR EDF CHILLER TO REMAIN.





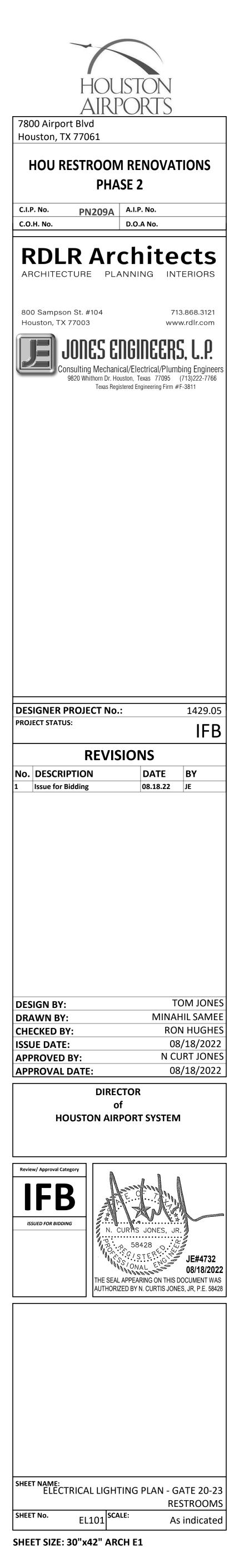
ELECTRICAL LIGHTING PLAN GENERAL NOTES A. ALL LIGHT FIXTURE LOCATIONS ARE APPROXIMATE. FOR EXACT LOCATION REFER TO ARCHITECTURAL DRAWINGS.

B. ALL CEILING MOUNTED DEVICES LOCATED IN LAY-IN CEILINGS SHALL BE CENTERED IN THE CEILING TILE.

C. ALL LIGHTS TO BE CONTROLLED BY EXISTING LIGHTING CONTROL SYSTEM. D. CONTRACTOR SHALL REUSE EXISTING EMERGENCY CIRCUIT TO PROVIDE POWER TO NEW EMERGENCY LIGHTING.

#### PLAN KEY NOTES NOTE LIGHTING CONTROL POWER PACK CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. LIGHTS MUST TURN ON MANUALLY (OR OPTIONALLY BE CONFIGURED TO AUTOMATICALLY CONFIGURED TO COME ON TO 50%) COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO TURN ON AUTOMATIĆALLY TO 50%). CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES. SWITCH AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED. 5 CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT SERVING REMOVED EMERGENCY LIGHT FIXTURES. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED. 6 WALL MOUNTED VACANCY SENSOR WITH 0-10V DIMMER. PROVIDE FULL ROOM COVERAGE. LIGHTS MUST TURN ON MANUALLY (OR OPTIONALLY BE CONFIGURED TO AUTOMATICALLY CONFIGURED TO COME ON TO 50%) COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO TURN ON AUTOMATICALLY TO 50%). 0-10V DIMMER. 8 JUNCTION BOX FOR MIRROR LIGHT (277V, 34W).

LIGHTING	CONTROL LEGEND
OC	CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). AUTO OFF / AUTO ON.
V	CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%).
PP	LIGHTING CONTROL POWER PACK.
\$LD	LOW VOLTAGE SWITCH(S) (0-10V DIMMER).
\$LDV	WALL MOUNTED OCCUPANT SENSOR WITH 0-10V DIMMER. PROVIDE FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%).
\$LDO	WALL MOUNTED OCCUPANT SENSOR WITH 0-10V DIMMER. PROVIDE FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). AUTO OFF / AUTO ON.
\$	LINE VOLTAGE SWITCH
VH	VIVE HUB. CONNECT TO NEAREST UNSWITCHED 120V LIGHTING CIRCUIT.





ELECTRICAL LIGHTING PLAN GENERAL NOTES A. ALL LIGHT FIXTURE LOCATIONS ARE APPROXIMATE. FOR EXACT LOCATION REFER TO ARCHITECTURAL DRAWINGS.

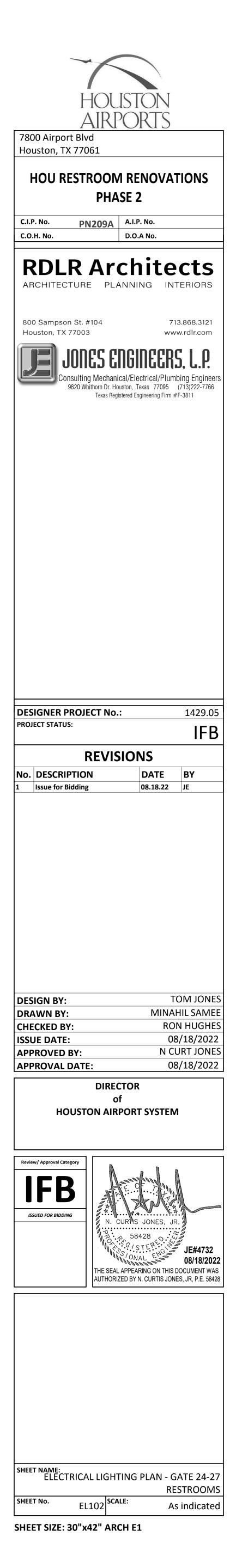
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C. ALL LIGHTS TO BE CONTROLLED BY EXISTING LIGHTING CONTROL SYSTEM. D. CONTRACTOR SHALL REUSE EXISTING EMERGENCY CIRCUIT TO PROVIDE POWER TO NEW EMERGENCY LIGHTING.

	PLAN KEY NOTES
#	NOTE
1	CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. AUTO OFF / AUTO ON
2	0-10V DIMMER.
3	CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES. SWITCH AS INDICATED.
4	CONNECT TO EXISTING LIGHTING CIRCUIT SERVING REMOVED LIGHT FIXTURES. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.
5	CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT SERVING REMOVED EMERGENCY LIGHT FIXTURES. VERIFY BRANCH CIRCUIT HAS NOT BEEN EXCEEDED.
6	LIGHTING CONTROL POWER PACK.
7	CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. LIGHTS MUST TURN ON MANUALLY (OR OPTIONALLY BE CONFIGURED TO AUTOMATICALLY CONFIGURED TO COME ON TO 50%) COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO TURN ON
8	AUTOMATICALLY TO 50%). JUNCTION BOX FOR MIRROR LIGHT (277V, 34W).

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LIGHTING	LIGHTING CONTROL LEGEND						
OC	CEILING MOUNTED OCCUPANT SENSOR. PROVIDE FULL ROOM COVERAGE. CONNECT LIGHT FIXTURES SERVING ROOM THROUGH NEW SENSOR(S). AUTO OFF / AUTO ON.						
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VH	VIVE HUB. CONNECT TO NEAREST UNSWITCHED 120V LIGHTING CIRCUIT.						



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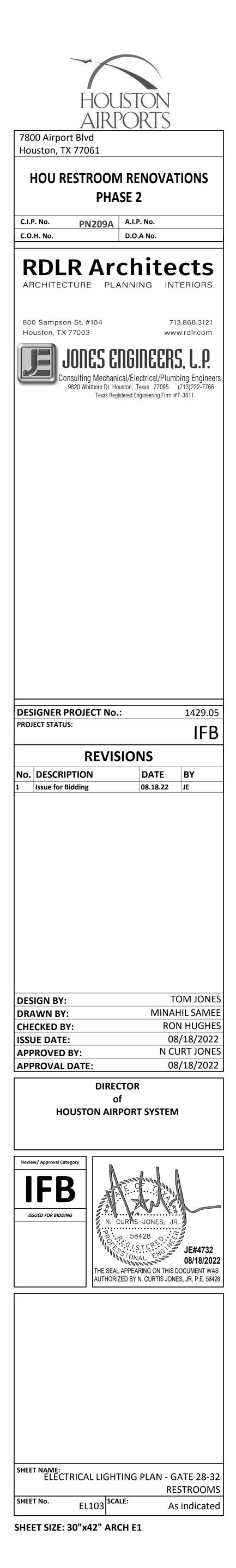
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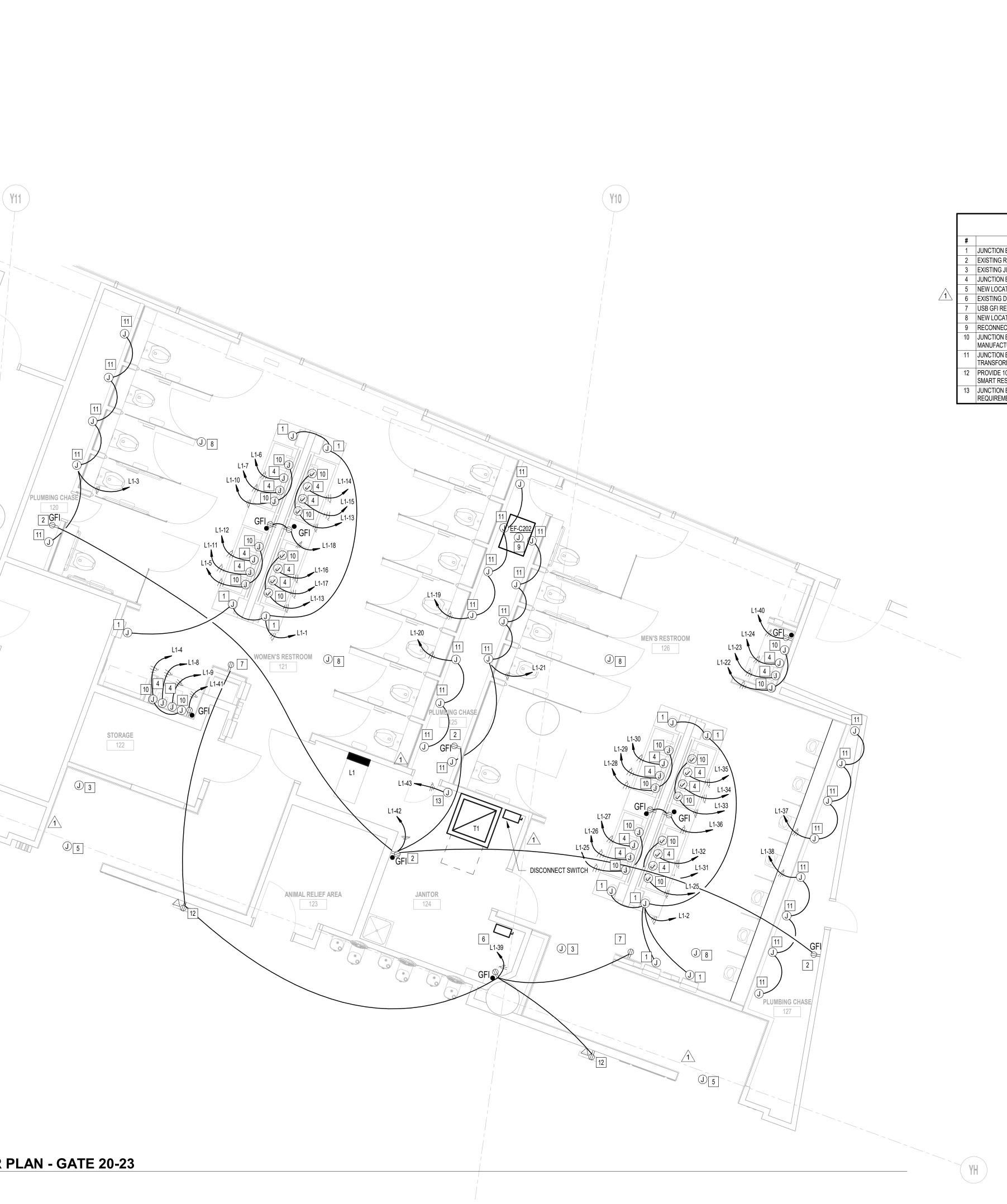
#### LIGHTING CONTROL LEGEND

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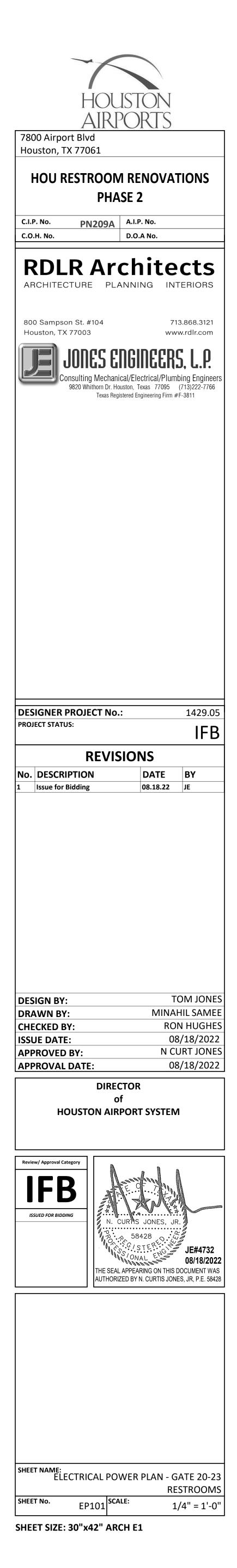
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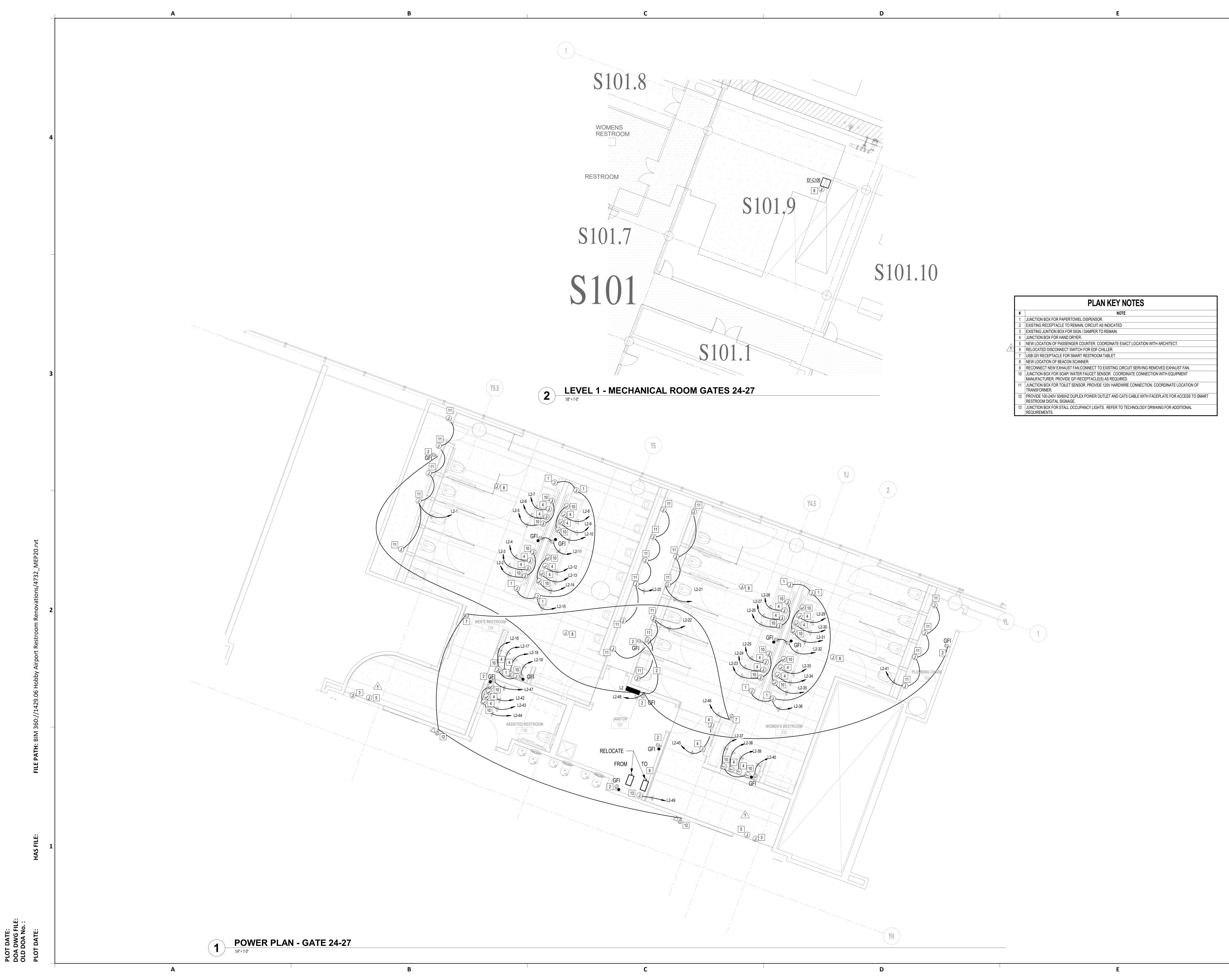


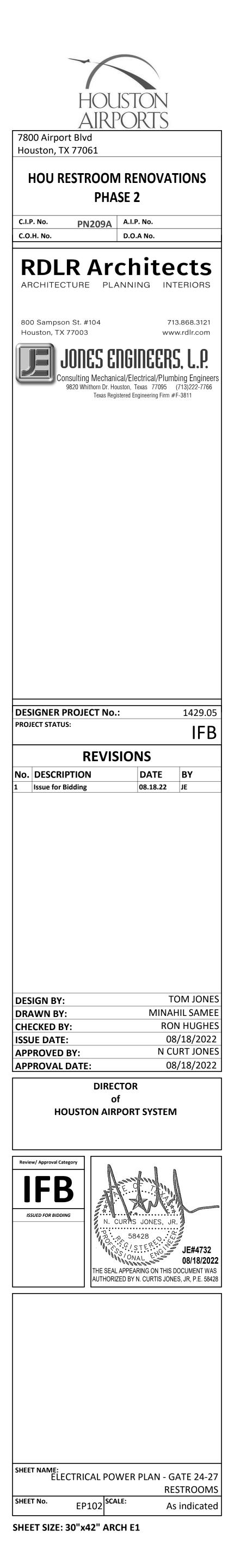
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#### PLAN KEY NOTES NOTE 1 JUNCTION BOX FOR PAPERTOWEL DISPENSOR. 2 EXISTING RECEPTACLE TO REMAIN, CIRCUIT AS INDICATED 3 EXISTING JUNTION BOX FOR SIGN / DAMPER TO REMAIN. 4 JUNCTION BOX FOR HAND DRYER. 5NEW LOCATION OF PASSENGER COUNTER. COORDINATE EXACT LOCATION WITH ARCHITECT.6EXISTING DISCONNECT SWITCH FOR EDF CHILLER TO REMAIN. USB GFI RECEPTACLE FOR SMART RESTROOM TABLET. 8 NEW LOCATION OF BEACON SCANNER. 9 RECONNECT NEW EXHAUST FAN.CONNECT TO EXISTING CIRCUIT SERVING REMOVED EXHAUST FAN. 10 JUNCTION BOX FOR SOAP/ WATER FAUCET SENSOR. COORDINATE CONNECTION WITH EQUIPMENT MANUFACTURER. PROVIDE GFI RECEPTACLE(S) AS REQUIRED. JUNCTION BOX FOR TOILET SENSOR. PROVIDE 120V HARDWIRE CONNECTION. COORDINATE LOCATION OF TRANSFORMER. 2 PROVIDE 100-240V 50/60HZ DUPLEX POWER OUTLET AND CAT5 CABLE WITH FACEPLATE FOR ACCESS TO SMART RESTROOM DIGITAL SIGNAGE. 3 JUNCTION BOX FOR STALL OCCUPANCY LIGHTS. REFER TO TECHNOLOGY DRWAING FOR ADDITIONAL REQUIREMENTS.

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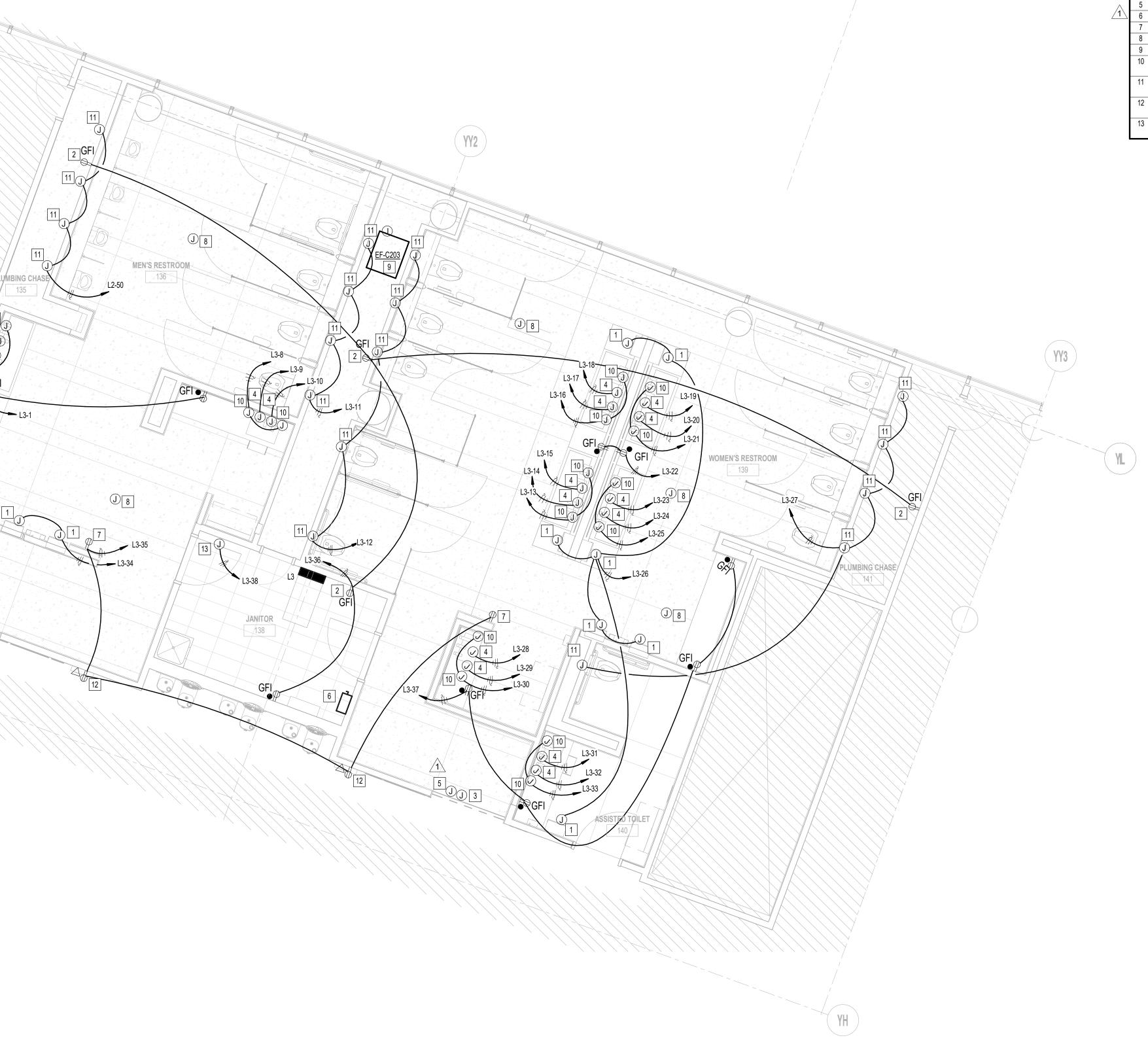






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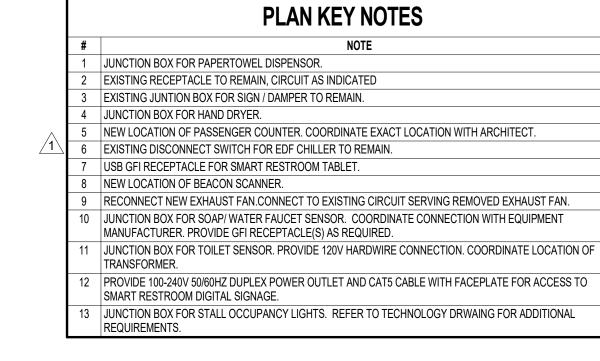
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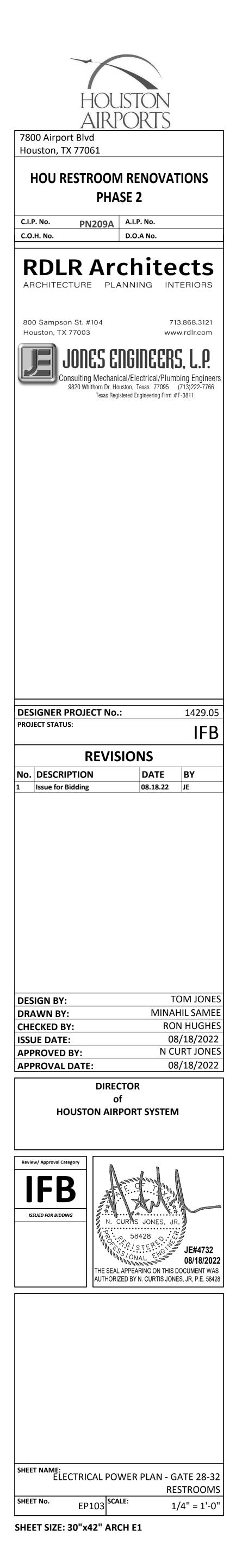
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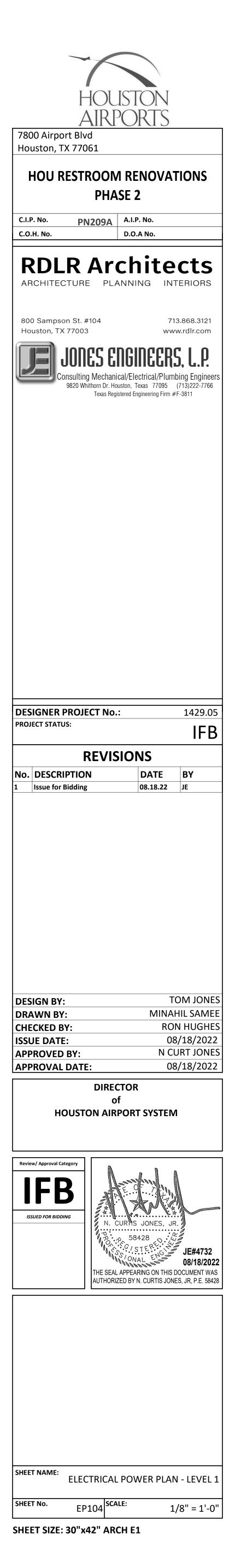
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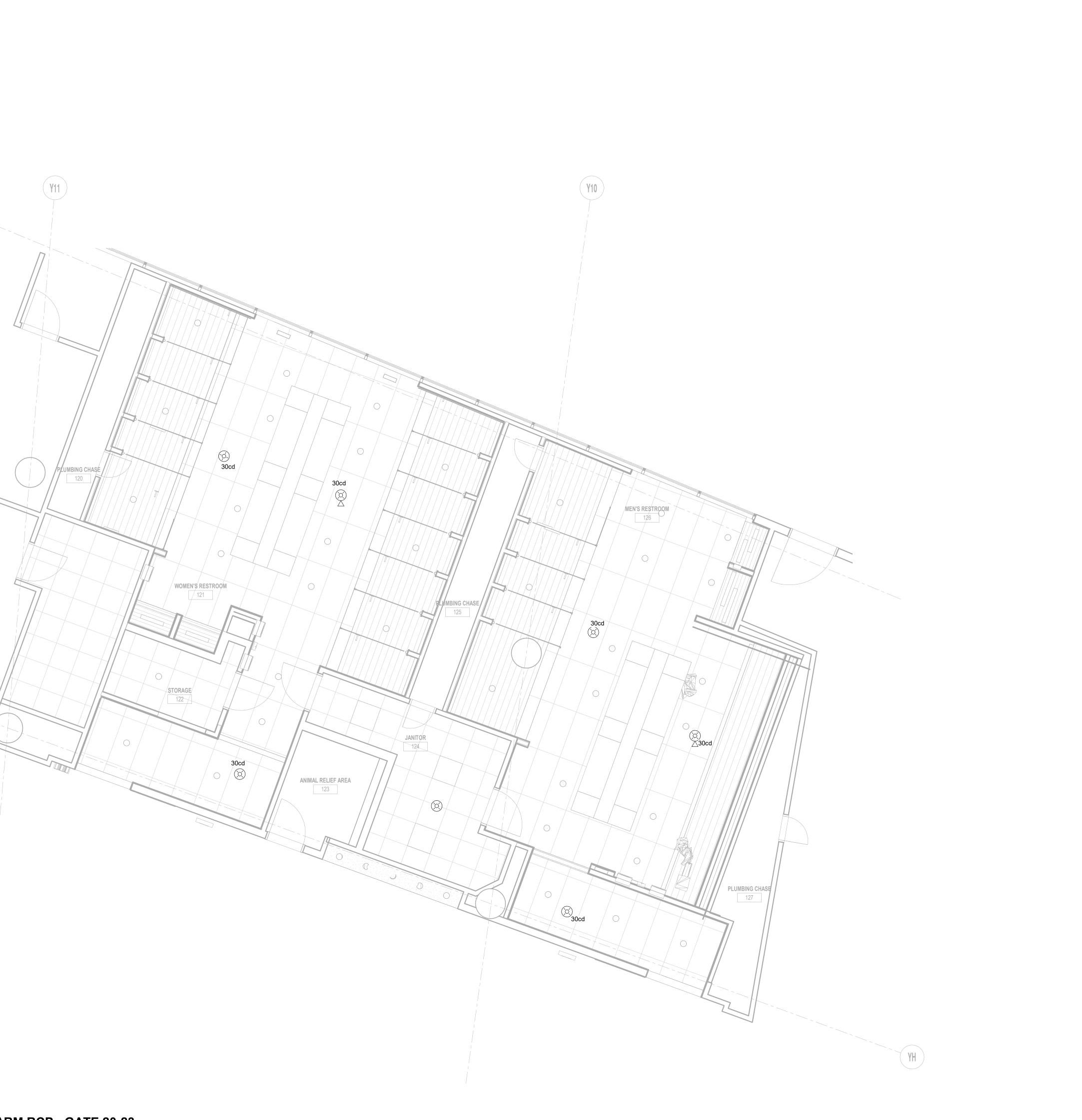








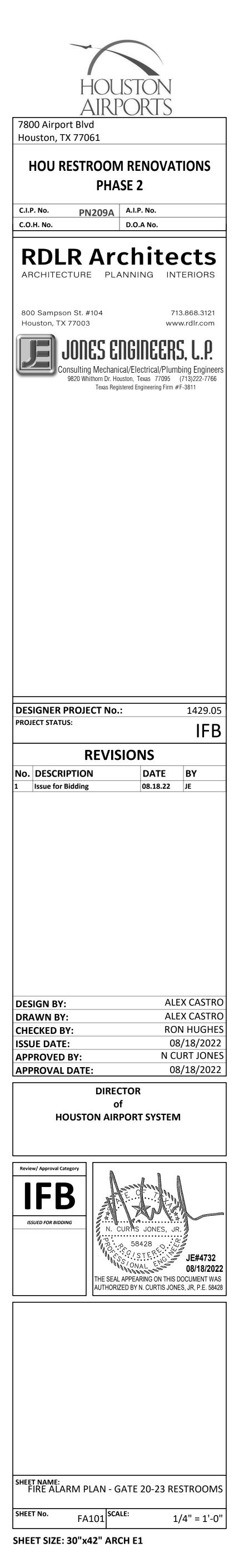
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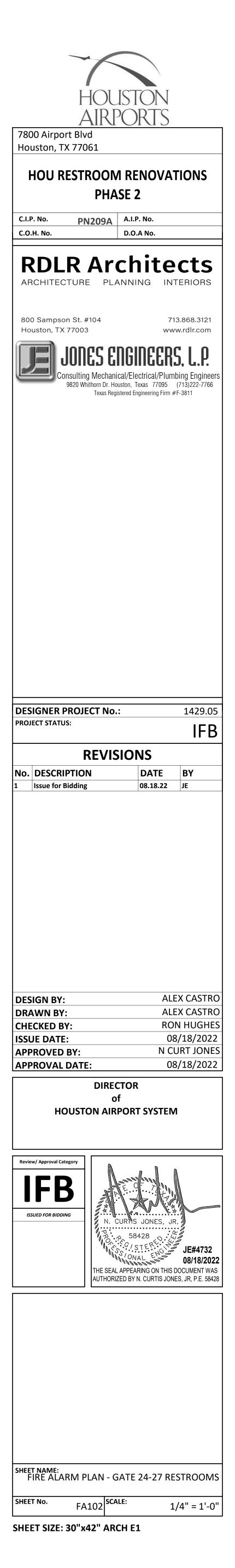
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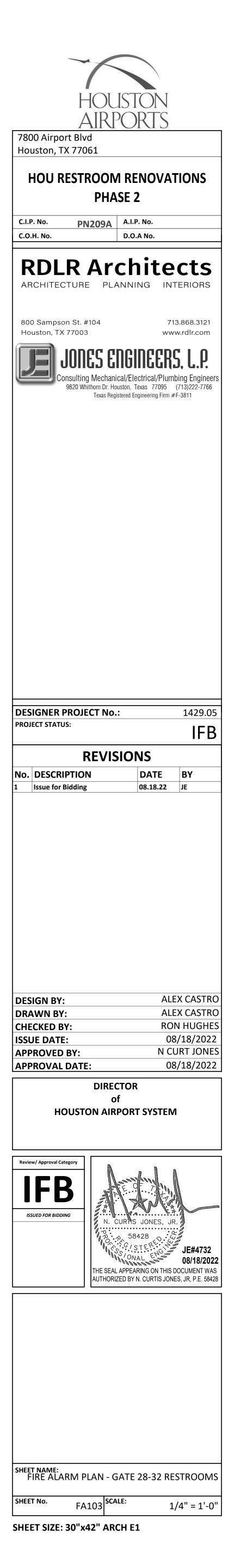
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		PLU	MBING ABBREVIATIONS
		& A.I.P. A/E	AND AIRPORT IMPROVEMENT PROGRAM ARCHITECT / ENGINEER
		ADA AHU B.S.G.	AMERICANS WITH DISABILITIES ACT AIR HANDLING UNIT BUILDING STANDARDS GROUP
		BH2 BHS	BAGGAGE HANDLING ADVANCE PACKAGE 2 BAGGAGE HANDLING SYSTEM
		C.I.P. C.O.H. CHWS	CAPITAL IMPROVEMENT PROGRAM CITY OF HOUSTON CHILLED WATER SUPPLY
		CW DCW DIA	COLD WATER DOMESTIC COLD WATER DIAMETER
4		DV DWG DWV	DRAIN VALVE DRAWING DRAIN, WASTE & VENT
		ETC FDC	ETCETERA FIRE DEPARTMENT CONNECTION
		FHC FIN. FIS	FIRE HOSE CABINET FINISHED FEDERAL INSPECTION SERVICES
		FLR FS FT	FLOOR FIRE STANDPIPE FOOT
		gpm H.a.s. Has	GALLONS PER MINUTE HOUSTON AIRPORT SYSTEM HOUSTON AIRPORT SYSTEM
		HB HP I.E.	HOSE BIBB HORSEPOWER INVERT ELEVATION
		IDF ITRP MDF	INTERMEDIATE DISTRIBUTION FRAME INTERNATIONAL TERMINAL REDEVELOPMENT PROGRAM MAIN DISTRIBUTION FRAME
-		MECH MIN	MECHANICAL MINIMUM
		N.T.S. NFPA No.	NOT TO SCALE NATIONAL FIRE PROTECTION ASSOCIATION NUMBER
		NPT NTS OS&Y	NATIONAL PIPE THREAD NOT TO SCALE OUTSIDE SCREW AND YOKE
		PSC PSI RE	PERMANENT SPLIT CAPACITOR POUNDS PER SQUARE INCH REFER, REFER TO
		RPZ SQ T.I.P.	REDUCED PRESSURE ZONE VALVE SQUARE TERMINAL IMPROVEMENT PROGRAM
		TAS TBD	TEXAS ACCESSIBILITY STANDARDS TO BE DETERMINED
		TDH TSA TYP	TOTAL DYNAMIC HEAD TRANSPORTATION SECURITY ADMINISTRATION TYPICAL
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## APPLICABLE CODES AND STANDARDS

- PLUMBING GENERAL DEMOLITION NOTES
- 1. PRIOR TO BEGINNING EXCAVATIONS OR DEMOLITION OF ANY NATURE WHATSOEVER, CONTRACTOR SHALL LOCATE ALL SERVICES AND UTILITIES OCCURRING WITHIN THE BOUNDS OF THE PROJECT. THE CONTRACTOR SHALL THEN PROCEED WITH CAUTION IN HIS WORK SO THAT NO UTILITY OR LINE SERVING AREAS THAT ARE TO REMAIN IS DAMAGED WITH A RESULTANT LOSS OF SERVICE. VERIFY THE SOURCE AND SERVICE OF EACH AND EVERY LINE ENCOUNTERED AND RECORD EACH SERVICE, SIZE, AND LOCATION ON RECORD DRAWINGS.
- ALL PLUMBING FIXTURES AND EQUIPMENT REMOVED SHALL BE SUBMITTED TO THE OWNER WITH THE OPTION TO BE REUSED. ITEMS THE OWNER DOES NOT WISH TO REUSE BUT WISHES TO RETAIN SHALL BE DELIVERED TO STORAGE AS DIRECTED BY THE OWNER. ITEMS THE OWNER DOES NOT WISH TO REUSE OR RETAIN SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LEGALLY.
- 3. PLUG PIPES AND PATCH FLOOR FLUSH WITH EXISTING SLAB ON GRADE AT ANY PLUMBING FLOOR PENETRATIONS NO LONGER REQUIRED.
- CONTRACTOR SHALL REMOVE ALL PIPING AND ASSOCIATED SUPPORTS FROM ABOVE SLAB ON GRADE TO BELOW ROOF WHICH WAS PREVIOUSLY ABANDONED OR WHICH SERVES PLUMBING FIXTURES AND EQUIPMENT DESIGNATED FOR REMOVAL. REFER TO PLUMBING FLOOR PLANS FOR NEW FIXTURES OR EQUIPMENT TO BE INSTALLED IN THOSE LOCATIONS. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY FIXTURES OR EQUIPMENT TO REMAIN. CAP REMOVED BRANCH LINES AS CLOSE AS POSSIBLE TO EXISTING MAINS.
- 5. ALL PLUMBING FIXTURES AND EQUIPMENT NOT SPECIFICALLY IDENTIFIED FOR REMOVAL SHALL REMAIN. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONFLICTS FOUND IN THE FIELD.
- 6. CONTRACTOR SHALL FIELD VERIFY AS NECESSARY THE EXACT LOCATION OF PLUMBING FIXTURES, PIPING, AND EQUIPMENT TO BE REMOVED. REFER TO ARCHITECTURAL DRAWINGS FOR CLARIFICATION AS REQUIRED.
- 7. COORDINATE EACH AND EVERY INTERRUPTION OF SERVICES AND UTILITIES IN ADVANCE WITH THE OWNER. FIRE DEPARTMENT, AND UTILITY COMPANIES TO ENSURE MINIMAL SHUT DOWN TIMES THAT ARE ACCEPTABLE TO THE OWNER AND AUTHORITIES.

HOUSTON AIRPORT SYSTEM AND MODULAR RESTROOM DESIGN STANDARDS PLUMBING CODE - 2012 UNIFORM PLUMBING CODE WITH CITY OF HOUSTON AMENDMENTS. BUILDING CODE - 2012 INTERNATIONAL BUILDING CODE WITH CITY OF HOUSTON AMENDMENTS. 2012 INTERNATIONAL FIRE CODE WITH CITY OF HOUSTON AMENDMENTS 2012 UNIFORM MECHANICAL CODE WITH CITY OF HOUSTON AMENDMENTS ASHRAE 90.1-2013 WITH CITY OF HOUSTON AMENDMENTS 2017 NATIONAL ELECTRIC CODE

WHERE TWO OR MORE STANDARDS ARE APPLICABLE, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

#### SHEET NAMING FORMAT

- LEVEL 1 DISCIPLINE DESIGNATOR LEVEL 2 DISCIPLINE DESIGNATOR SHEET TYPE DESIGNATOR SHEET SEQUENCE NUMBER - USER-DEFINED DESIGNATORS

NOTE THAT PLUMBING LEVEL 2 DISCIPLINE DESIGNATORS ARE 'G,' 'D' AND 'J.' 'J' IS AN USER-DEFINED DESIGNATOR PERMITTED BY NATIONAL CAD STANDARDS AND FOR THIS PROJECT IS DEFINED AS INCLUDING PLUMBING PIPING, VALVES AND INSULATION, EXTENSIONS AND CONNECTIONS TO CIVIL UTILITIES, PUMPS AND TANKS. **USER-DEFINED DESIGNATORS AFTER THE PERIOD** FOR THIS PROJECT, THESE DESIGNATORS INDICATE THE AREA OF WORK WITH THE LOWEST

### PLUMBING SHEET LIST

ASSIGNED NUMBER. SEE KEY PLAN FOR AREAS.

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- NUMBER DWG NAME
- PG001 PLUMBING ABBREVIATIONS, LEGENDS AND NOTES PG100 PLUMBING OVERALL RENOVATION PLAN - LEVEL 2
- PD101 PLUMBING DEMOLITION PLAN GATE 20-23 RESTROOMS
- PD102 PLUMBING DEMOLITION PLAN GATE 24-27 RESTROOMS PD103 PLUMBING DEMOLITION PLAN - GATE 28-32 RESTROOMS
- PP101 PLUMBING RENOVATION PLAN GATE 20-23 RESTROOMS PP102 PLUMBING RENOVATION PLAN - GATE 24-27 RESTROOMS
- PP103 PLUMBING RENOVATION PLAN GATE 28-32 RESTROOMS
- PG301 PLUMBING DETAILS PP310 PLUMBING RISERS
- PG401 PLUMBING SCHEDULES

D

<b>PLUMBING GENERAL NOTES</b>
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- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES. COORDINATE WITH OTHER TRADES PRIOR TO BEGINNING CONSTRUCTION. COORDINATE WITH CIVIL DRAWINGS FOR ADJACENT UTILITIES.
- ALL WORK, METHODS, AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PREVAILING BUILDING CODE, INSPECTION REGULATIONS AND ALL OFFICIALS HAVING JURISDICTION. ALL WORK SHALL BE ACCORDING TO AND COORDINATED WITH DIVISIONS 00 AND 01.
- PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE OWNER'S MOST RECENT RULES AND REGULATIONS FOR CONSTRUCTION. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH SUCH RULES AND REGULATIONS.
- COORDINATE ALL FIRE PIPING SYSTEM SHUTDOWN WITH HAS FOR APPROVED VENDOR INVOLVEMENT AND ALL W.A.N. NOTIFICATION REQUIREMENTS. E. COORDINATE ALL UTILITY SHUTDOWNS WITH HAS AND FOLLOW HAS W.A.N. PROCEDURES BEFORE SHUTDOWN.
- DUE TO THE SCALE OF DRAWINGS, NOT ALL PIPING AND APPURTENANCES TO BE PROVIDED ARE SHOWN. CONTRACTOR SHALL PROVIDE SERVICES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: PIPING INSIDE WALLS AND CHASES TO SERVE ADJACENT PLUMBING FIXTURES AND EQUIPMENT, INDIVIDUAL FIXTURE SUPPLIES AND DRAINS, PIPING OFFSETS, VALVES, TRAPS, GAUGES, STRAINERS, AND UNIONS TO ENSURE THE COMPLETE AND FUNCTIONING INSTALLATION OF FIXTURES AND EQUIPMENT.
- G. ALL EXISTING SYSTEMS SHOWN ARE TO REMAIN UNLESS NOTED OTHERWISE. OTHER DISCIPLINES EQUIPMENT SHOWN FOR REFERENCE PURPOSES ONLY. COORDINATE FOR EXACT LOCATIONS.
- H. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
- DO NOT ROUGH-IN BASED UPON THESE DRAWINGS. REFER TO LATEST DRAWINGS PREPARED BY THE ARCHITECT. THE FINAL LOCATIONS OF ALL PIPING SHALL ALLOW INSTALLATION OF FIXTURES WITHOUT THE NEED TO FURR-OUT WALLS. J. VERIFY EXACT LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN OF DRAINS AND CLEANOUTS. PROVIDE CLEANOUTS IN ADDITION TO THOSE SHOWN AS REQUIRED BY CODE.
- K. NO PIPING IS TO BE INSTALLED OPEN TO PUBLIC VIEW UNLESS NOTED OTHERWISE.
- L. DO NOT INSTALL PIPING AT LOCATIONS THAT INTERFERE WITH SERVICE ACCESSIBILITY TO EQUIPMENT.
- M. ALL PENETRATIONS THROUGH FLOOR SLABS AND EXTERIOR WALLS SHALL BE SEALED WATERTIGHT. N. PROVIDE NFPA APPROVED FIRE STOPPING WHERE PIPES PENETRATE FIRE RATED FLOORS AND WALLS. ALL PENETRATIONS THROUGH RATED PARTITIONS AND FLOOR SLABS SHALL BE SEALED TO PROVIDE A FIRE/SMOKE RATING EQUAL TO OR GREATER THAN THE RATING OF THE PARTITION OR FLOOR SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR RATINGS.
- 0. INSTALL FIXTURES ACCORDING TO ADA/TAS REQUIREMENTS. COORDINATE DEVICE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS. PROVIDE NEW ACCESS PANELS FOR ANY VALVES ABOVE NEW HARD CEILING, NEW OR EXISTING.
- P. EXISTING WATER, WASTE, AND VENT UTILITIES SHALL BE MODIFIED AS REQUIRED FOR THE INSTALLATION OF NEW PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
- WHEREVER EXISTING PIPING SYSTEMS ARE CONNECTED TO, RE-ROUTED, OR CAPPED, CLEAN AND TEST THE ENTIRE Q SECTION OF THE SYSTEM AFFECTED IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS.
- R. ALL CUTTING, DRILLING AND PATCHING OF WALLS, FLOORS, AND/OR STRUCTURAL MEMBERS FOR THE INSTALLATION OF THE PLUMBING SHALL BE PROVIDED. STRUCTURAL COMPONENTS SHALL NOT BE CUT, DRILLED OR MODIFIED IN A WAY WITHOUT THE STRUCTURAL ENGINEER'S REVIEW AND PRIOR WRITTEN APPROVAL. COORDINATE WITH DIVISION 01, 02 73 29 CUTTING AND PATCHING. SAWCUT OR COREDRILL AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW FIXTURES, CLEANOUTS, AND UNDERSLAB WATER, WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING. COORDINATE WITH STRUCTURAL ENGINEER PRIOR TO CUTTING OR DRILLING SLAB. SAWCUT AND REMOVE EXISTING PAVING AND SIDEWALKS AS REQUIRED TO PROVIDE NEW SERVICES. PATCH AND RE-FINISH TO MATCH EXISTING.
- ALL EXISTING WALLS, FLOORS, DRIVEWAYS, SIDEWALKS, PARKING AREAS, FENCING, ETC. DISTURBED DUE TO WORK DONE AND THAT ARE TO REMAIN SHALL BE REPAIRED TO CONDITION THAT IS ACCEPTABLE TO THE ARCHITECT/ENGINEER AND OWNER.
- T. PRIOR TO BEGINNING CONSTRUCTION, FIELD VERIFY THE EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL, AND CONDITION OF EXISTING PIPING TO ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
- U. SITE INSPECTION: CONTRACTOR SHALL VISIT THE SITE OF WORK PRIOR TO SUBMISSION OF HIS BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORKING CONDITIONS AND EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR PROVIDING ALL NECESSARY LABOR AND MATERIALS TO ENSURE COMPLETE, FUNCTIONAL, AND COMPLIANT SYSTEMS, FAILURE TO MEET THIS REQUIREMENT SHALL NOT BE CONSIDERED JUSTIFICATION FOR OMISSIONS, FAULTY WORK, OR THE PAYMENT OF ADDITIONAL COMPENSATION.
- V. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. INSTALL TO CONSERVE HEADROOM AND TO CREATE MINIMUM INTERFERENCE WITH USE OF SPACE. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN. GROUP PIPING AT COMMON ELEVATIONS WHENEVER PRACTICAL.
- W. PRIOR TO ANY ROUGH-INS, COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST MANUFACTURER RECOMMENDATIONS AND DRAWINGS AND SPECIFICATIONS PREPARED BY THE ARCHITECT AND OTHER CONSULTANTS (FOOD SERVICE, LABORATORY PLANNING, ETC.). MAKE ADJUSTMENTS AND PROVIDE SERVICES AS REQUIRED.
- X. LOCATE VENT TERMINALS AND FLUES THROUGH ROOF TO MAINTAIN A MINIMUM OF 15'-0" HORIZONTALLY FROM AND 3'-0" VERTICALLY ABOVE ALL OUTSIDE AIR INTAKES, OPERABLE WINDOWS, DOORS, AND ANY OTHER BUILDING OPENINGS
- Y. ALL VALVES INDICATED ON DRAWINGS SHALL BE LINE-SIZED (THE SAME SIZE AS THE PIPE THEY SERVE) UNLESS NOTED OTHERWISE.
- PROVIDE LOCKING ACCESS PANELS ACCEPTABLE TO ARCHITECT/OWNER AS REQUIRED TO ENSURE ACCESS TO VALVES AND WATER HAMMERS.
- AA. ALL ABOVE SLAB ON GRADE FLOOR DRAINS, P-TRAPS, AND CONNECTED DRAINAGE PIPING RECEIVING CONDENSATE, ICE MACHINE WASTE, OR CONVEYING CONTENTS HAVING TEMPERATURES BELOW 55°F SHALL BE PROPERLY INSULATED TO THE FIRST VERTICAL OFFSET AND VAPOR SEALED TO PREVENT CONDENSATION.
- BB. UPON COMPLETION OF WORK, THOROUGHLY ROD AND FLUSH OUT ALL GRAVITY DRAINAGE PIPING TO ENSURE IT IS FREE FROM BLOCKAGES AND FLOWING FREELY.
- CC. UNLESS NOTED OTHERWISE, ADDITIONAL PRECAUTIONARY MEASURES MUST BE PROVIDED IN SPECIAL ROOMS AND AREAS AND ABOVE SPECIAL EQUIPMENT. THESE SPACES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: IDF, MDF, SERVER, ELECTRICAL, TELECOM, FOOD STORAGE, FOOD PREPARATION, FOOD SERVING, CLEAN ROOMS, STERILE AREAS, DINING ROOMS, OPERATING ROOMS, IMAGING ROOMS, AND OVER VFD'S AND CONTROL PANELS. AT SUCH LOCATIONS, PROVIDE AUXILIARY DRAIN PANS BENEATH ALL WATER, STORM, WASTE AND VENT PIPING TO DIVERT POSSIBLE LEAKAGE OR CONDENSATION. PANS SHALL BE SUSPENDED FROM STRUCTURE ABOVE WITH GALVANIZED THREADED HANGER RODS AND HARDWARE. PANS SHALL BE GALVANIZED OR STAINLESS STEEL CONSTRUCTION, WITH ALL SOLDERED SEAMS AND JOINTS. MIN. 4" DEEP. SLOPED. WITH A MIN. 1-1/4"" DRAIN OUTLET AT THE LOW POINT OF THE PAN. PROVIDE DIELECTRIC ADAPTER AND TYPE DWV COPPER DRAIN LINE AND FITTINGS SLOPED TO NEAREST APPROVED INDIRECT WASTE RECEPTOR.
- DD. FIRE PROTECTION ENGINEER LICENSED IN THE STATE OF TEXAS SHALL PROVIDE, FOR PERMIT AND REVIEW, FIRE PROTECTION SHOP DRAWINGS, INCLUDING BUT NOT LIMITED TO HYDRONIC CALCULATIONS, DETAILS, FOR ALL NEW AREAS AND REVISION OF EXISTING SYSTEMS PER NFPA TO PROVIDE 100% FULL COVERAGE.
- EE. MATERIALS TO BE USED SHALL BE NEW AND OF THE APPROVED TYPE FOR THE LOCATION AND PURPOSE.
- FF. ALL WATER PIPING TO BE FULLY INSULATED AND LABELED.

#### SYMBOL LEGEND PIPING TYPES SANITARY DRAIN BELOW FLOOR SANITARY DRAIN ABOVE FLOOR (NOTED) \_\_\_\_\_ ------ SD ------ STORM DRAIN ----- OD ------ OVERFLOW DRAIN COLD WATER ----- HOT WATER ----- HOT WATER RECIRCULATION — G — NATURAL GAS Fire standpipe, fire line — FS — FIRE SPRINKLER TRAP PRIMER D D D DRAIN LINE (ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS) PIPING SYMBOLS ------O ELBOW UP ELBOW DOWN \_\_\_\_\_\_ DIRECTION OF FLOW DIRECTION OF SLOPE DOWN TEE OUTLET UP TEE OUTLET DOWN EXPANSION JOINT STRAINER WITH BLOWDOWN VALVE GATE VALVE GLOBE VALVE BALL VALVE BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS OS&Y VALVE FCS SPRINKLER FLOOR CONTROL STATION GAS VALVE MANUAL AIR VENT AUTOMATIC AIR VENT T&P RELIEF VALVE VACUUM BREAKER \_\_\_\_\_ [<sup>2</sup>\_\_\_\_\_ LINE CLEANOUT OR WALL CLEANOUT -----FLOOR CLEANOUT -----—ø PRESSURE GAUGE WITH GAUGE COCK THERMOMETER \_\_\_\_\_ FLEXIBLE CONNECTION BACKFLOW PREVENTER MISCELLANEOUS OR FLOOR DRAIN (ROUND OR SQUARE STRAINER) FLOOR SINK (NO GRATE, FULL GRATE, 3/4 GRATE, 1/2 GRATE) ()FUNNEL FLOOR DRAIN ROOF DRAIN OR OVERFLOW DRAIN HOSE BIBB PLUMBING FIXTURES POINT OF NEW CONNECTION TO EXISTING PIPING 1 BRAWING NOTE REFERENCE → OWNER OR CONTRACTOR FURNISHED EQUIPMENT REFERENCE aaabb PLUMBING EQUIPMENT REFERENCE. "aaa" DENOTES TYPE, "bb" DENOTES NUMBER. RISER DESIGNATION. "P" DENOTES WASTE/VENT OR P

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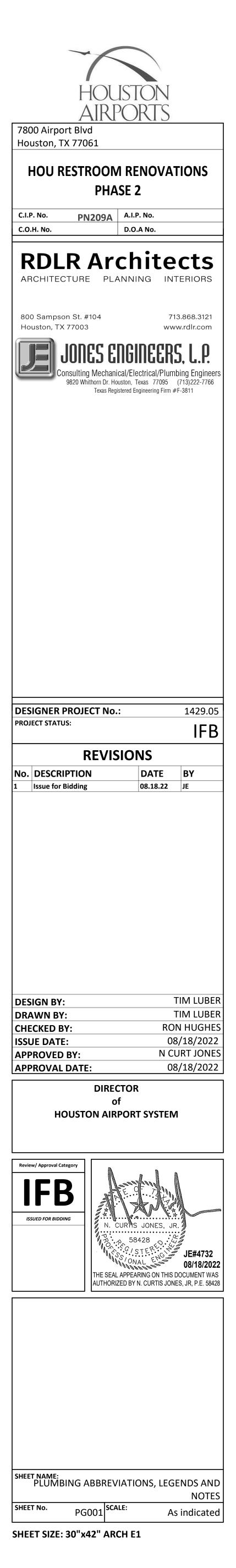
**GENERAL NOTE:** BUILDING TO BE 100% SPRINKLERED, PER NFPA 13.

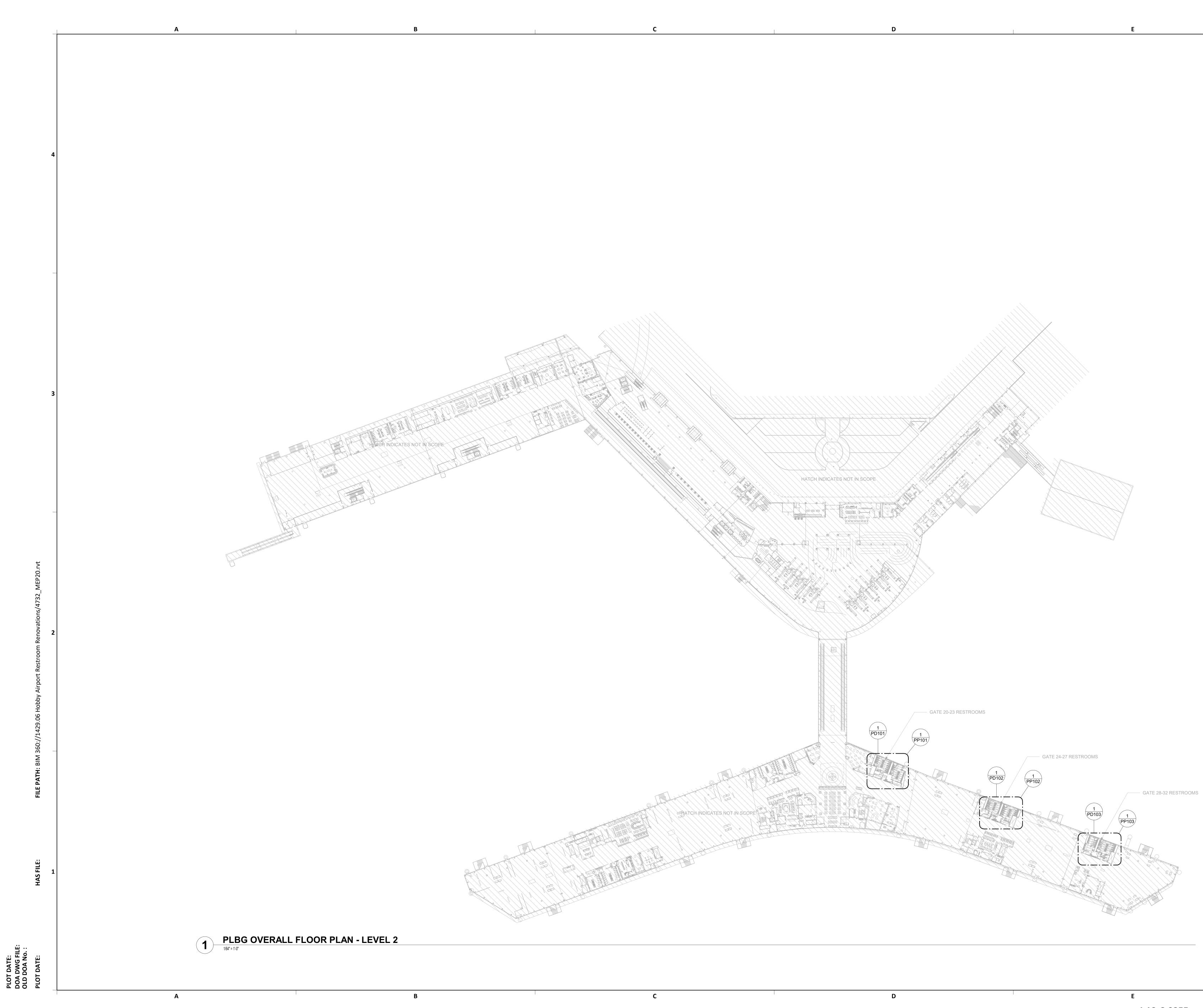
GENERAL NOTE: ALL PUBLIC SINKS AND LAVATORIES SHALL BE SET TO A MAXIMUM OF 110°F.

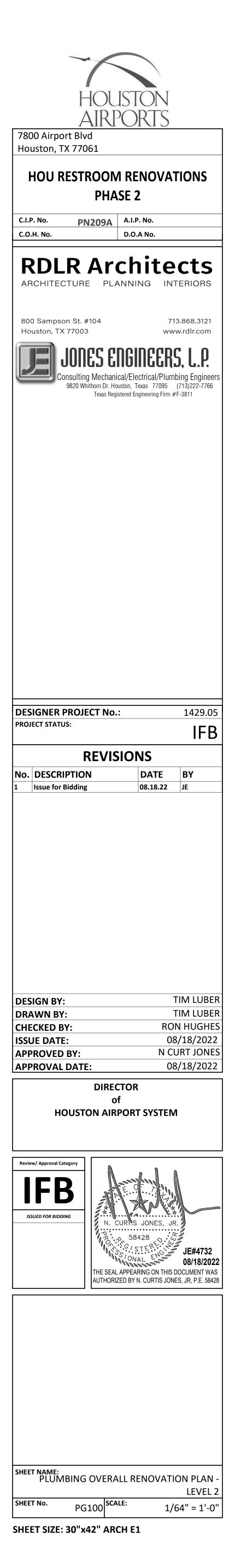
WASTE/VENT/WATER, "W" DENOTES WATER, "DS" DENOTES

DOWNSPOUT, "F" DENOTES FIRE.

FIRE DEPARTMENT SIAMESE CONNECTION

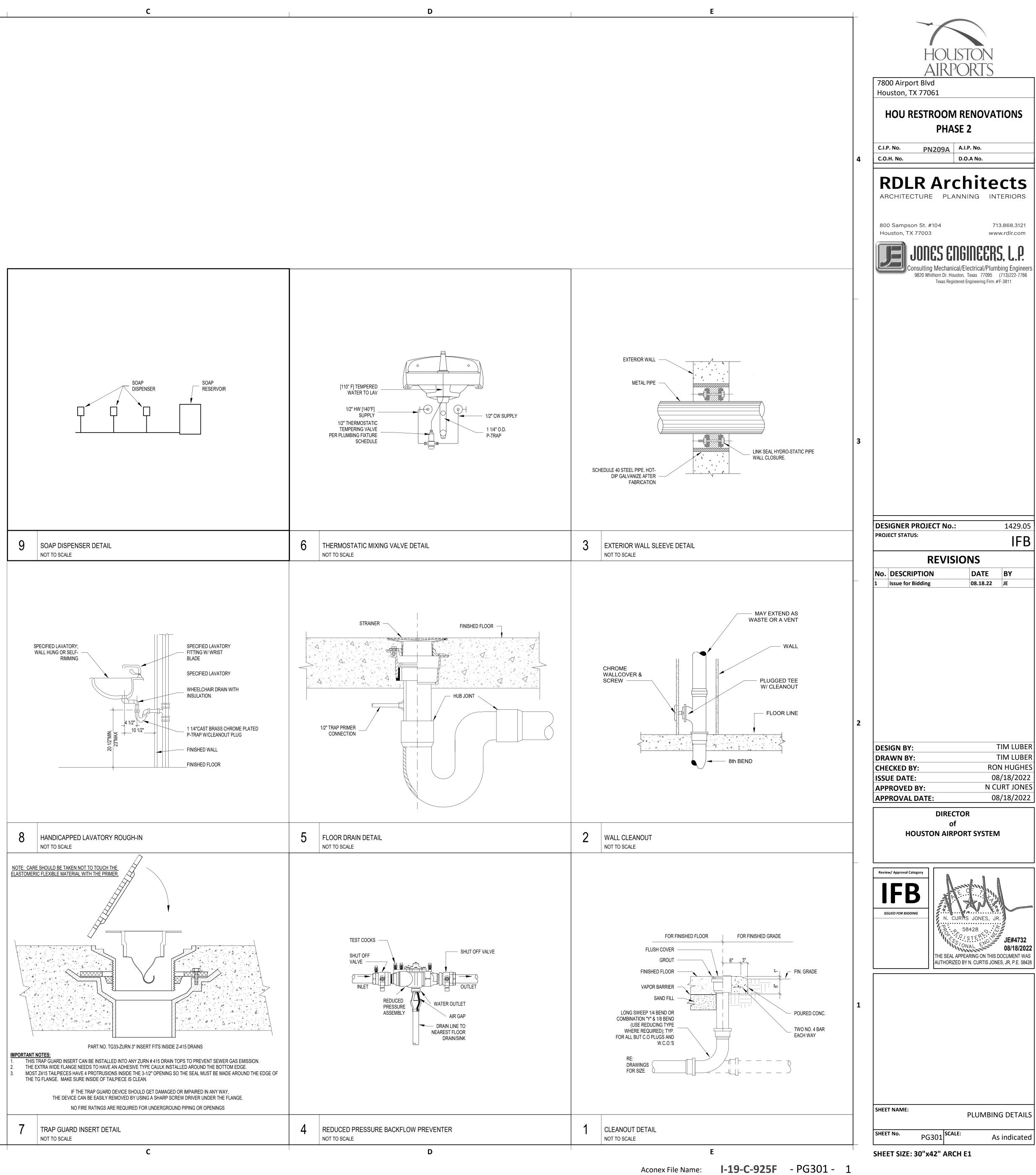






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FLOOR DRAIN SCHEDULE										
NOTES: 1. ALL FLOOF	NOTES: 1. ALL FLOOR DRAINS AND FLOOR SINKS TO USE PRECISION PLUMBING PRODUCTS TRAP PRIMERS OR APPROVED EQUAL.									
				ROUGH-IN	CONNECTION S	IZE				
MARK	FIXTURE	AREA(S) SERVED	C.W.	H.W.	WASTE	VENT	MANUFACTURER	MODEL	DESCRIPTION AND NOTES	
FD-1	FLOOR DRAIN	PUBLIC	-	-	4"	2"	ZURN INDUSTRIES	Z415B-4NH-P	FLOOR AND SHOWER DRAIN, NO-HUB CAST IRON BODY ASSEMBLY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND POLISHED NICKEL BRONZE, LIGHT DUTY 8" DIAMETER STRAINER	

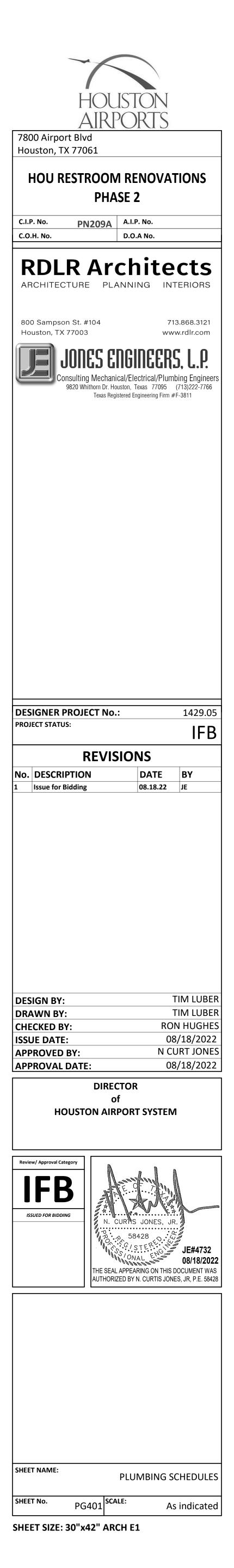
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							PLUMBING	FIX I UKE ANI	D CONNECTION SCHEDULE
					CONNECTION S				
MARK EWC-1	FIXTURE DRINKING FOUNTAIN	AREA(S) SERVED PUBLIC	<b>C.W</b> . 1/2"	H.W. -	2"	<b>VENT</b> 1-1/2"	MANUFACTURER HALSEY-TAYLOR	MODEL HYDROBOOST HTHB-HRFSEBP-I	DESCRIPTION AND NOTES WALL-MOUNTED BI-LEVEL WATER FOUNTAIN WITH BOTTLE FILLING STATION. PUSHBAR ACTIVATION. BOTTLE FILLER PROVIDES 1.1-1.5 GPM FLOW RATE WITH LAMINAR FLOW TO MINIMIZE SPLASHING. FOR INDOOR APPLICATIONS. AN ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION WITH AUTO 20-SECOND SHUT-C TIMER. ANTI-MICROBIAL, 399 CERTIFIED. LEAD-FREE DESIGN, CERTIFIED TO NSF/ANSI 42, 53, 61, & 372 (LEAD FREE). ADA-COMPLIANT.
L-1	LAVATORY (MULTI-SYSTEM)	PUBLIC	3/4"	3/4"	2"	1-1/2"	THE SPLASH LAB USA	TSL.MON.C.CUSTOM	BASIN – MONOLITH A-SERIES MODULAR SINK SYSTEM. TROUGH STYLE WITH SINGULAR DRAINAGE PER USER. COMES COMPLETE WITH POWDER COATED MET LEG BRACKET SYSTEM FOR WALL MOUNTING. FINISH CORIAN SOLID SURFACE – ANTARTICA. ADA COMPLIANT.
									FAUCET – SPLASH LAB TSL.020.CS.H, RIBBON SENSOR FAUCET - 304 STAINLESS STEEL. STANDARD 0.5GPM FLOW WITH LAMINAR FLOW AERATOR. PROVIDE W HARD-WIRED AC POWER SUPPLY OR MULTI-AC ADAPTOR AS REQUIRED.
									APPURTENANCES – KOHLER K-8998 P-TRAP WITH ADA TRAP PROTECTOR AND KOHLER K-7605-P SINK SUPPLY STOPS WITH FLEXIBLE LAVATORY SUPPLY AND SUPPLY STOP ADA PROTECTORS. ZURN Z8737 FLAT GRID SINK STRAINER.
									RIBBON SOAP DISPENSER – SPLASH LAB TSL.R.010.CS.H, 304 STAINLESS STEEL WITH FOAM SOAP DISPENSING SYSTEM. 120V
									SOAP FEED SYSTEM, SMART VERSION – SPLASH LAB TSL.C.040.CS-M MULTI-FEED VERSION, RECOMMENDED FOR UP TO 3 SOAP DISPENSERS IN AIRPORT ENVIRONMENTS. TOP FILL WITH HIGH AND LOW CONTROL TECHNOLOGY AND SMART RESTROOM INTEGRATION. PROVIDE WITH 3 GAL RESERVOIR.
									HAND DRYER – SPLASH LAB TSL.R.030.CS.H, 304 STAINLESS STEEL
L-2	LAVATORY (SINGLE-SYSTEM)	PUBLIC	3/4"	3/4"	2"	1-1/2"	THE SPLASH LAB USA	TSL.MON.C.CUSTOM	BASIN – MONOLITH A-SERIES MODULAR SINK SYSTEM. TROUGH STYLE WITH SINGULAR DRAINAGE PER USER. COMES COMPLETE WITH POWDER COATED ME LEG BRACKET SYSTEM FOR WALL MOUNTING. FINISH CORIAN SOLID SURFACE – ANTARTICA. ADA COMPLIANT.
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									HAND DRYER – SPLASH LAB TSL.R.030.CS.H, 304 STAINLESS STEEL
MS-1	SERVICE SINK	PUBLIC	3/4"	3/4"	3"	2"	ZURN INDUSTRIES	1996-24	BASIN: FLOOR-MOUNTED, 24x24x10 SQUARE, MOP SERVICE BASIN WITH ZURN Z415B DRAIN BODY ASSEMBLY, STAINLESS-STEEL BUMPER GUARD AND STAINLESS-STEEL WALL GUARD. FAUCET: ZURN AQUASPEC Z84300-XL, CHROME PLATED FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" THREAD ON SPOUT. BODY INLETS 8" CENTER TO CENTER, COLD (BLUE) AND HOT (RED) INDICATORS.
U-1	URINAL	PUBLIC	3/4"	-	2"	1-1/2"	TOTO USA, Inc.	UT104EV	COTTON WHITE, VITREOUS CHINA, UNIVERSAL HIGH EFFICIENCY, LOW CONSUMPTION (0.5 GPF), ELONGATED 14" FLUSHING RIM FROM FINISH WALL, WASHOU FLUSH ACTION VALVE URINAL. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE: TOTO TEU3LA, SATIN FINISH.
U-2	URINAL (ADA)	PUBLIC	3/4"	-	2"	1-1/2"	TOTO USA, Inc.	UT104EV	WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE: TOTO TEU2LA, SATIN FINISH. COTTON WHITE, VITREOUS CHINA, UNIVERSAL HIGH EFFICIENCY, LOW CONSUMPTION (0.5 GPF), ELONGATED 14" FLUSHING RIM FROM FINISH WALL, WASHOU FLUSH ACTION VALVE URINAL. MOUNTED AT ADA HEIGHT. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE: TOTO TEU3LA, SATIN FINISH. WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITH WALK-IN CHASE: TOTO TEU3LA, SATIN FINISH.
WC-1	WATER CLOSET (WALL-MOUNT)	PUBLIC	1"	-	4"	2"	TOTO USA, Inc.	CT708EVG	WALL-MOUNTED FLUSHOMETER FOR SCENARIOS WITHOUT WALK-IN CHASE: TOTO TEU2LA, SATIN FINISH. BOWL: WALL HUNG, WHITE VITREOUS CHINA, TOP-SPUD FLUSHOMETER VALVE, HIGH-EFFICIENCY, LOW CONSUMPTION 1.28 GPF TOILET WITH ELONGATED BO 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 300 SERIES STAINLESS STEEL POSTS AND PINTLES. COMPLYING WITH IAPMO/ANSI Z124.5-2013 TOTO SC534.
WC-2	WATER CLOSET (WALL-MOUNT) (ADA)	PUBLIC	1"	-	4"	2"	TOTO USA, Inc.	CT708EVG	BOWL: WALL HUNG, WHITE VITREOUS CHINA, TOP-SPUD FLUSHOMETER VALVE, HIGH-EFFICIENCY, LOW CONSUMPTION 1.28 GPF TOILET WITH ELONGATED BC 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,

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PLUMBING PIPE MATE	ERIALS
SYSTEM:	SERVICE:
DOMESTIC WATER PIPE, ABOVE GRADE	TYPE 'L' COPPER
SANITARY SEWER, ABOVE GRADE	CAST IRON

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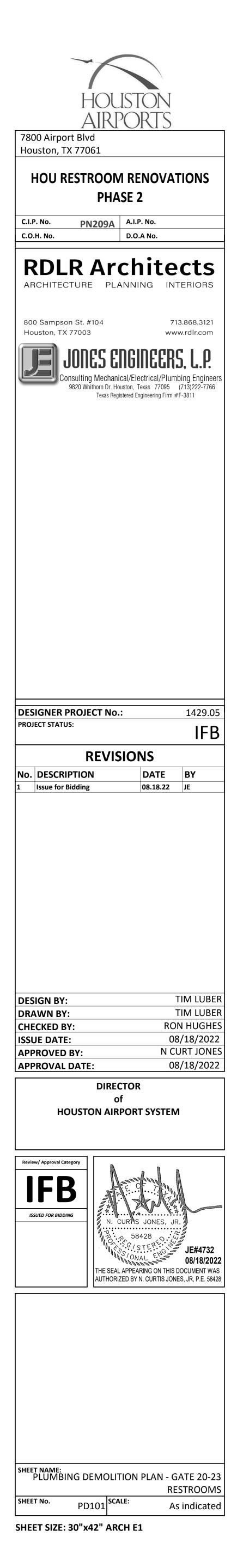


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## MOLITION PLAN - GATE 20-23 RESTROOMS

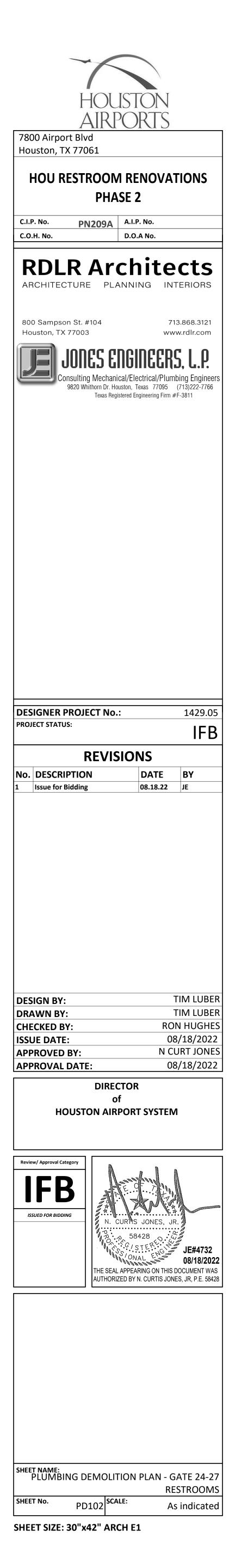
	DEMOLITION PLAN KEY NOTES
#	NOTE
1	DISCONNECT & REMOVE EXISTING WATER CLOSET INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
2	DISCONNECT & REMOVE EXISTING URINAL INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
3	DISCONNECT & REMOVE EXISTING LAVATORY INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
4	DISCONNECT & REMOVE EXISTING MOP SINK INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
5	DISCONNECT & REMOVE EXISTING ELECTRIC DRINKING FOUNTAIN INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
6	DISCONNECT & REMOVE EXISTING FLOOR DRAIN, INCLUDING BUT NOT LIMITED TO: FIXTURE, P-TRAP, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT ASSOCIATED WITH FLOOR DRAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
7	EXISTING REMOTE CHILLER TO REMAIN.



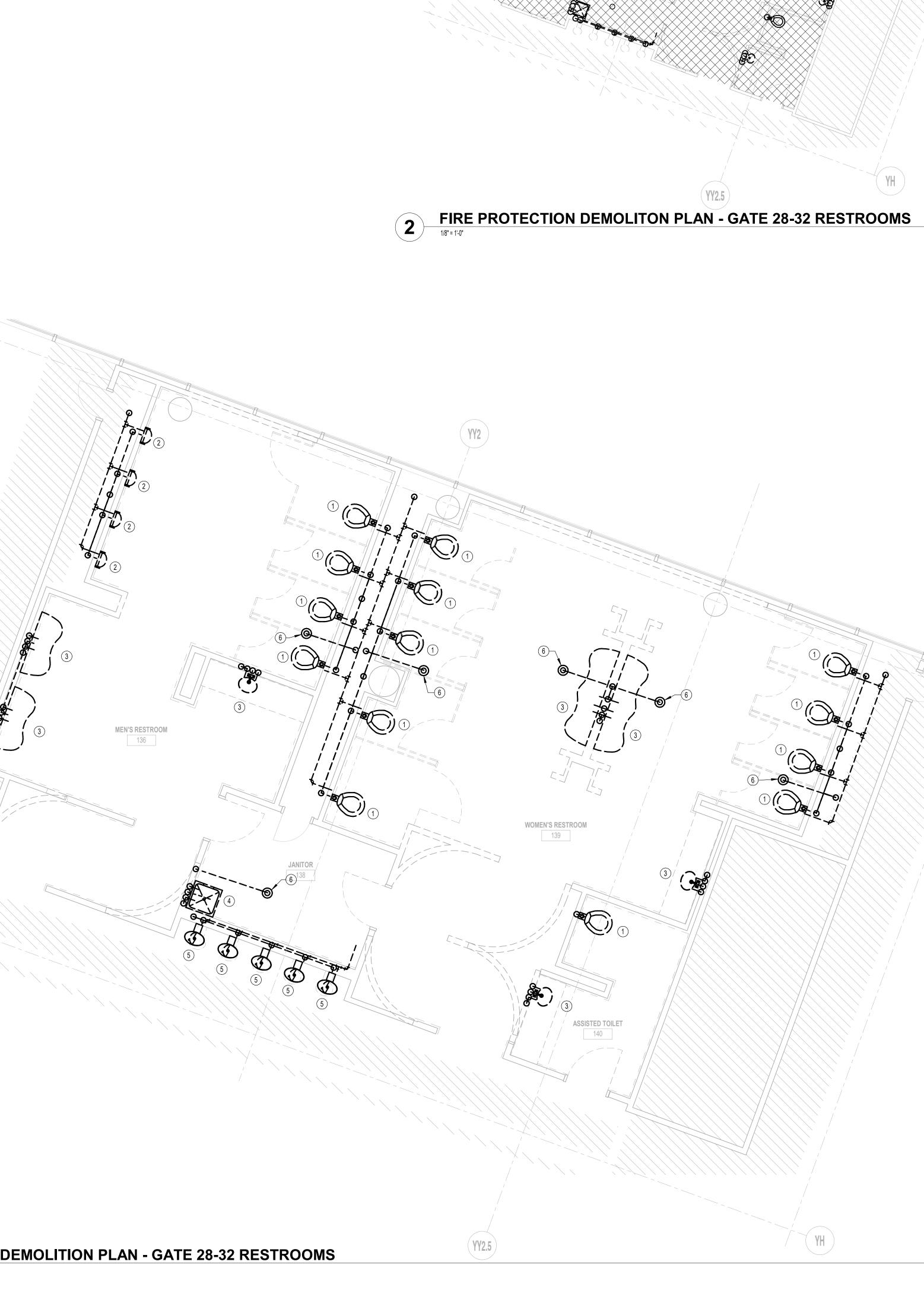




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4	DISCONNECT & REMOVE EXISTING MOP SINK INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
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6	DISCONNECT & REMOVE EXISTING FLOOR DRAIN, INCLUDING BUT NOT LIMITED TO: FIXTURE, P-TRAP, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT ASSOCIATED WITH FLOOR DRAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
7	EXISTING REMOTE CHILLER TO REMAIN.



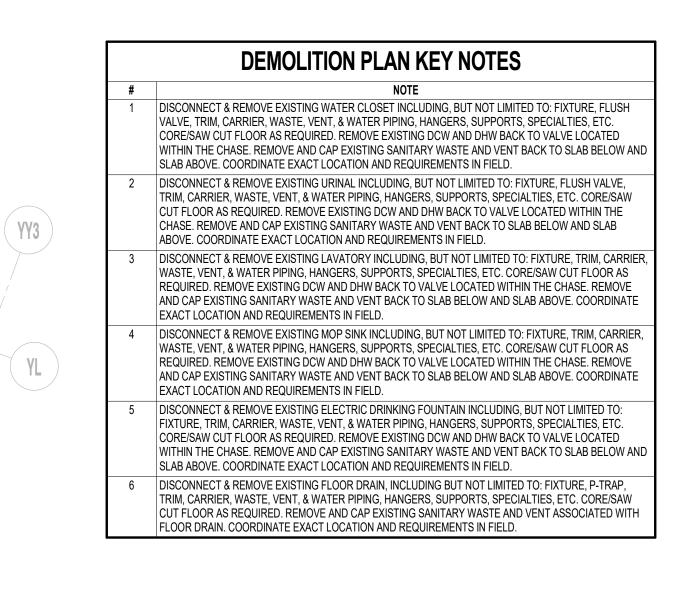
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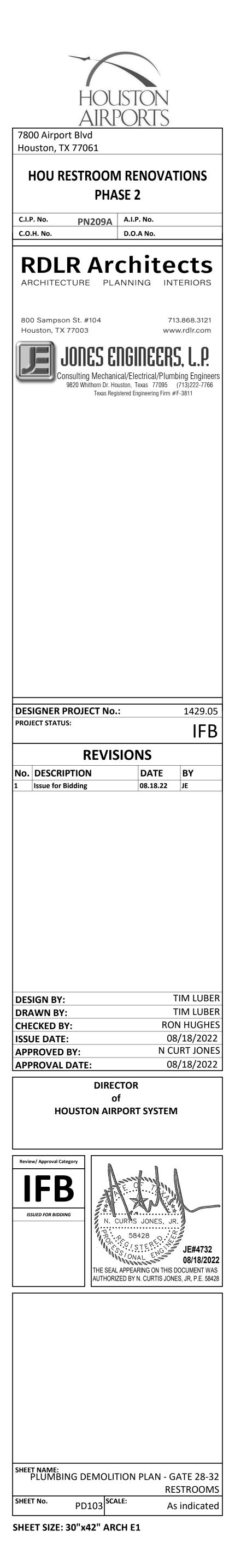
YY2 SPRINKLER HEADS TO BE RELOCATED TO ACCOMMODATE NEW FLOOR AND CEILING PLANS. (YY3) Ê

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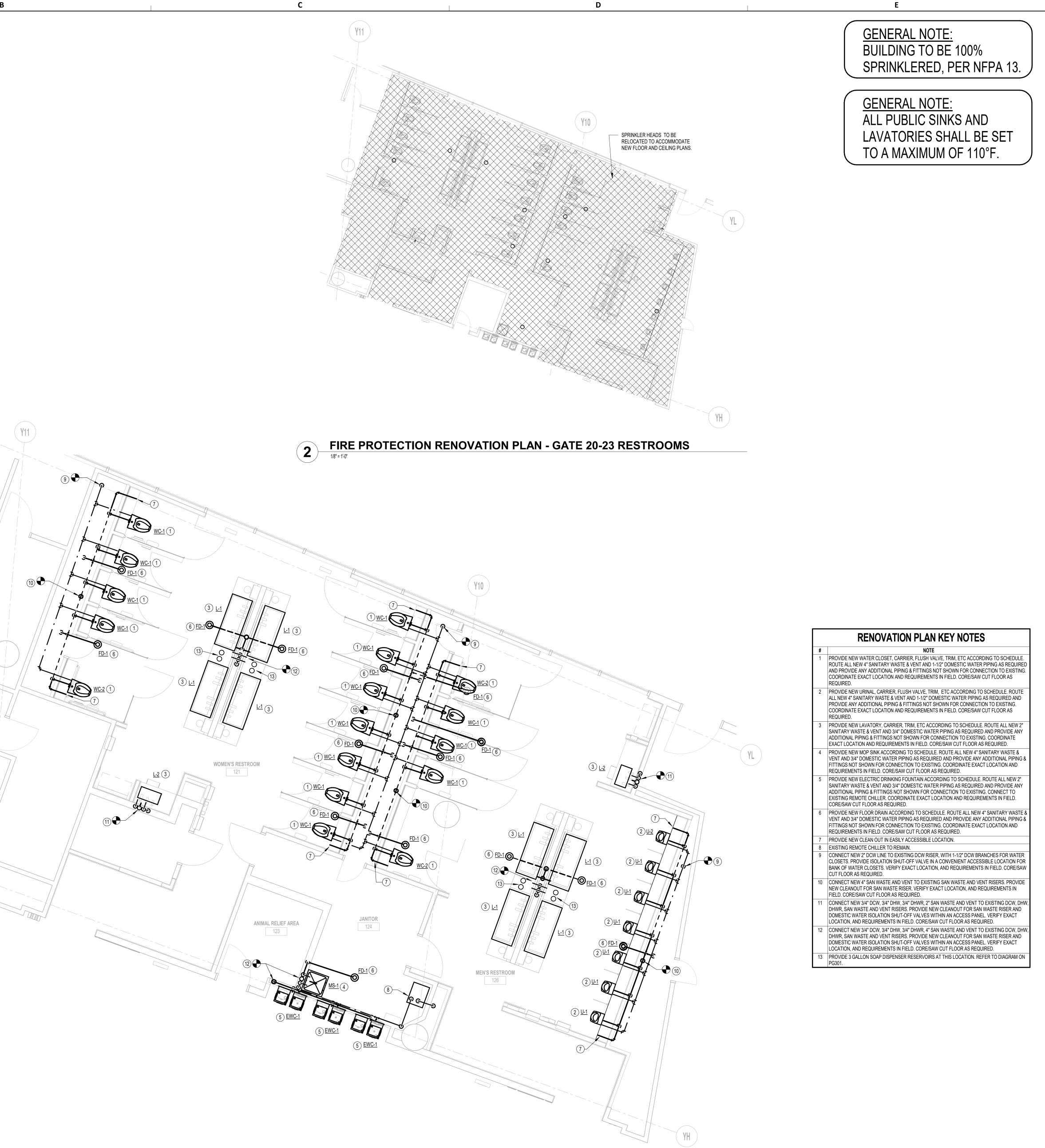
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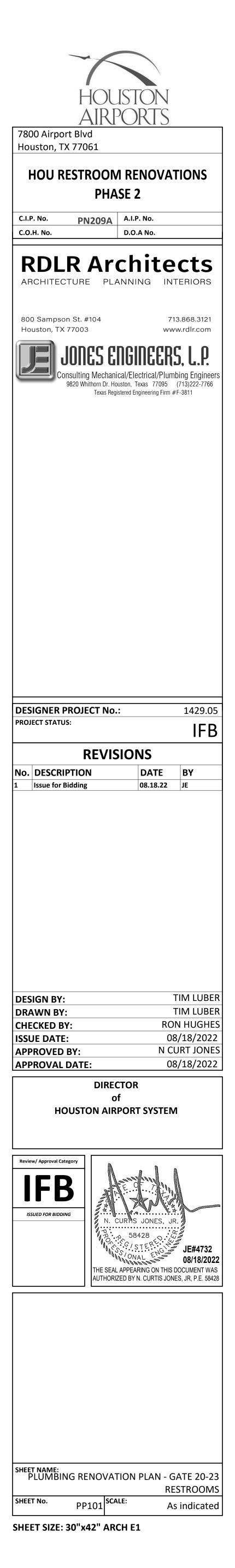
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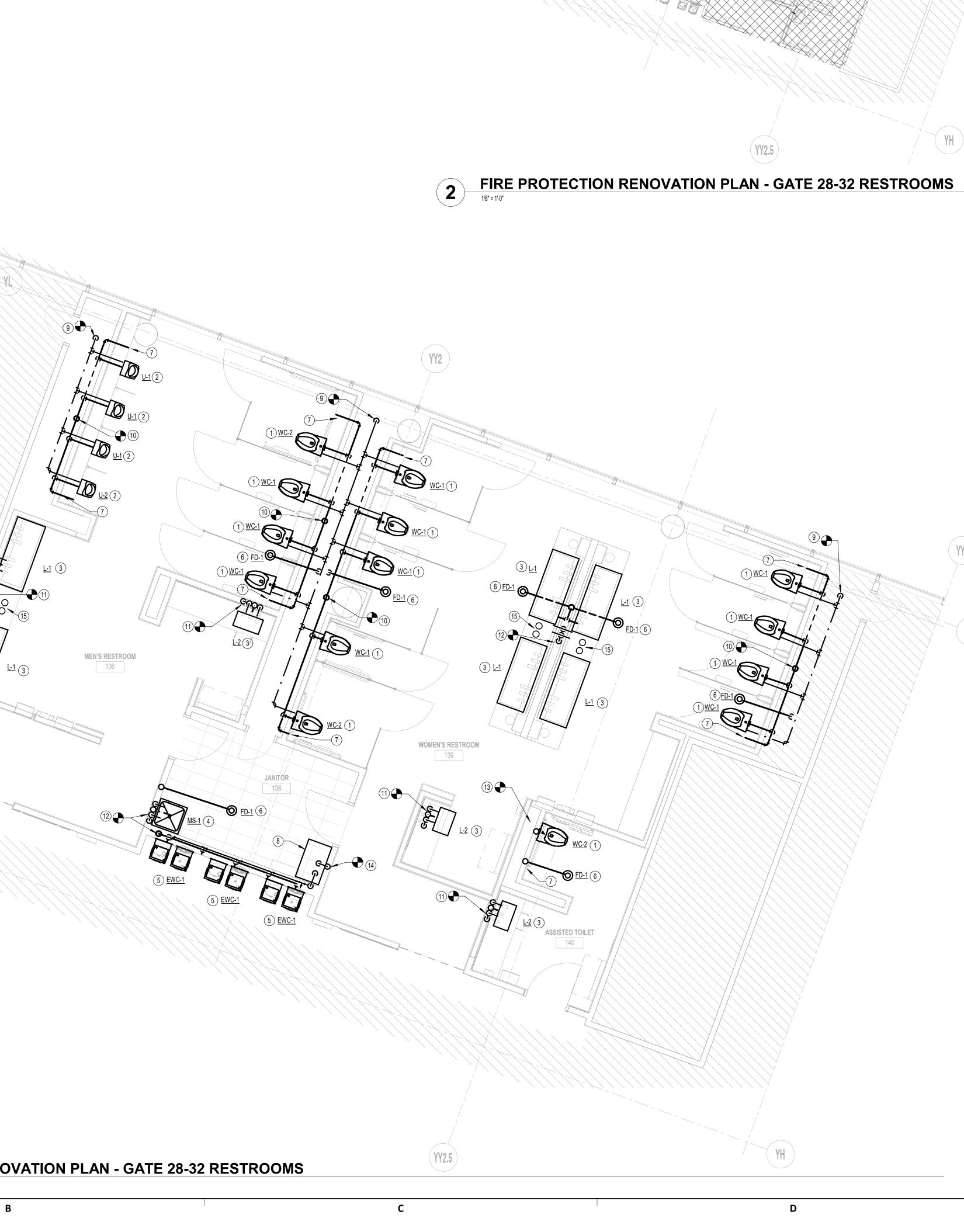


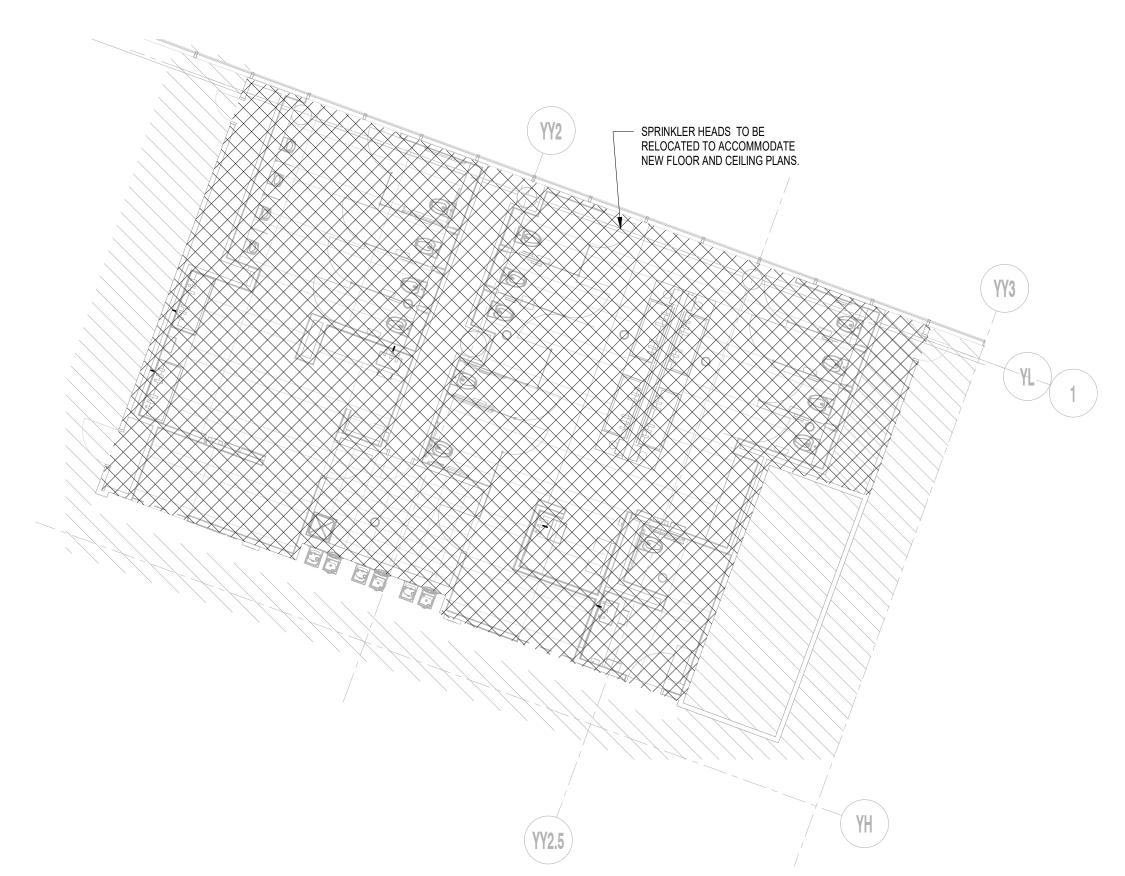
### MBING RENOVATION PLAN - GATE 20-23 RESTROOMS





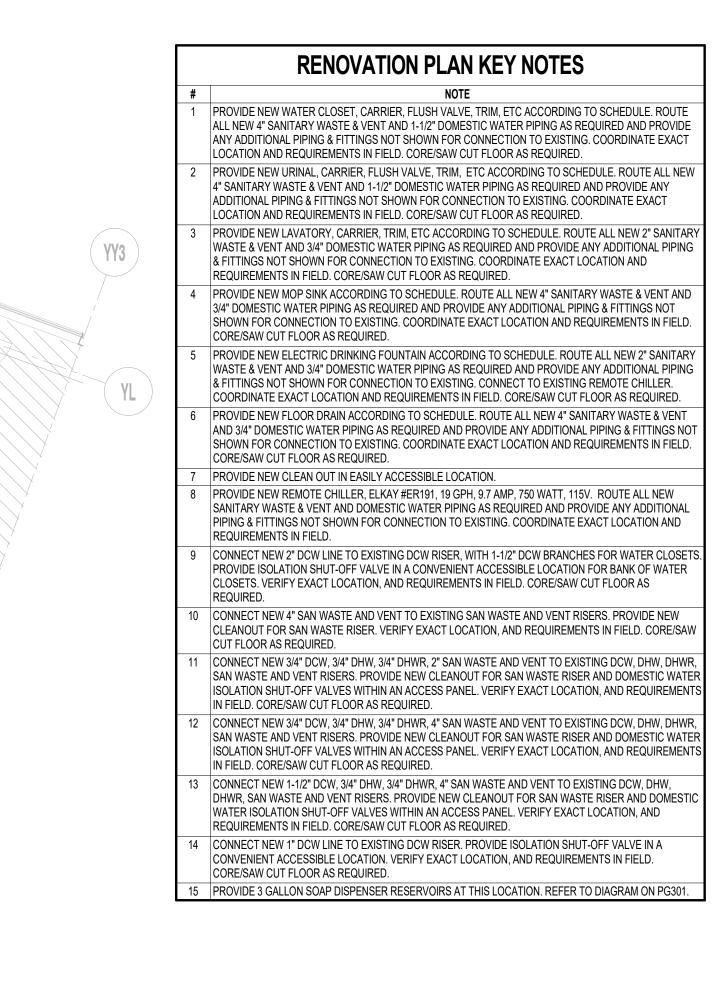
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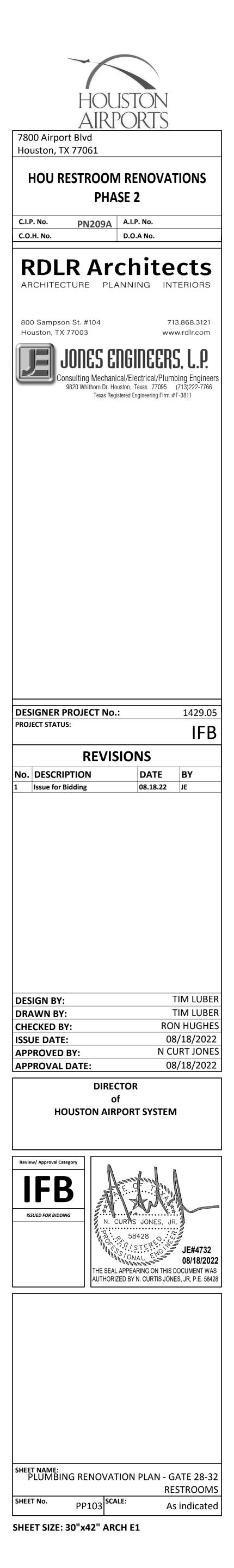
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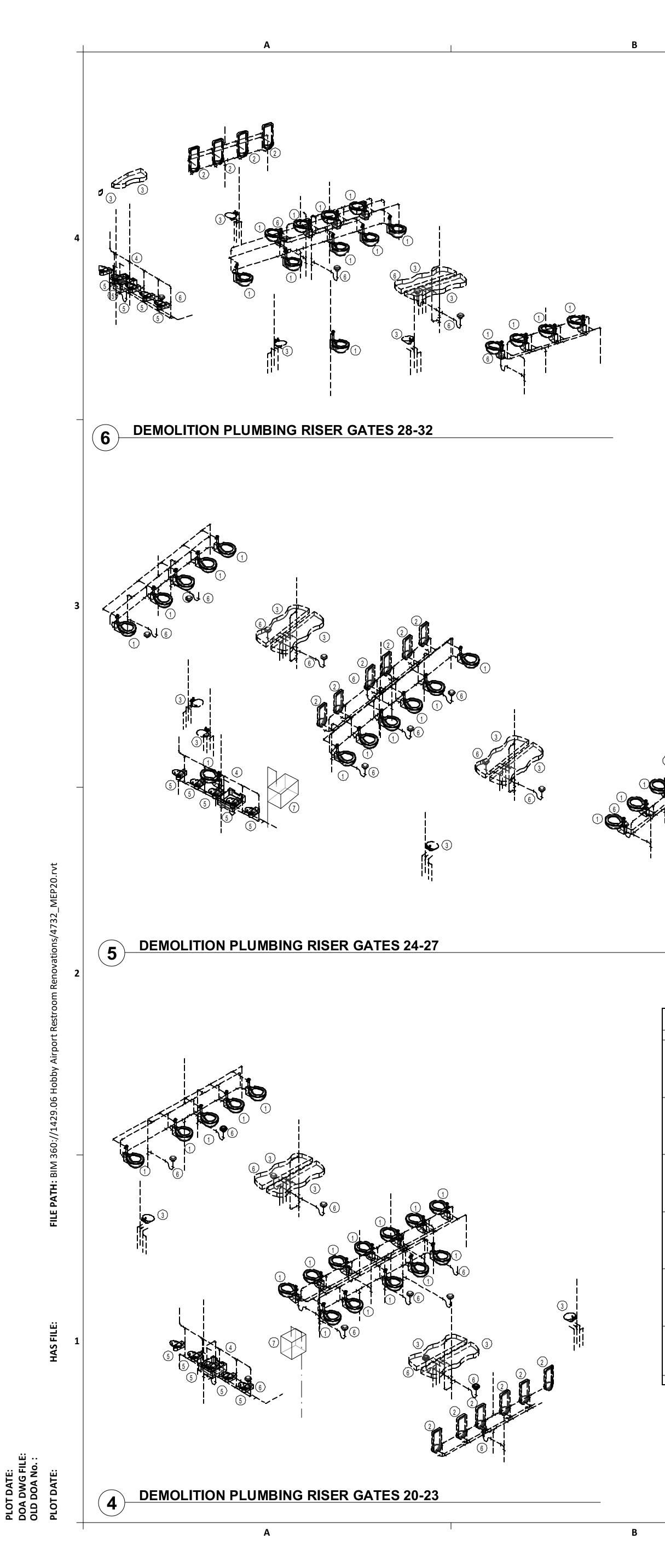
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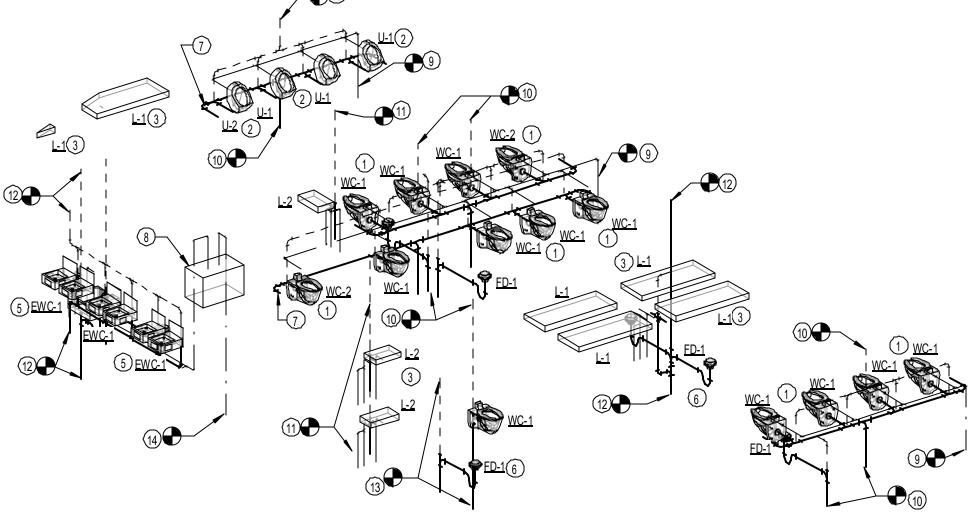
GENERAL NOTE: BUILDING TO BE 100% SPRINKLERED, PER NFPA 13.

<u>GENERAL NOTE:</u> ALL PUBLIC SINKS AND LAVATORIES SHALL BE SET TO A MAXIMUM OF 110°F.

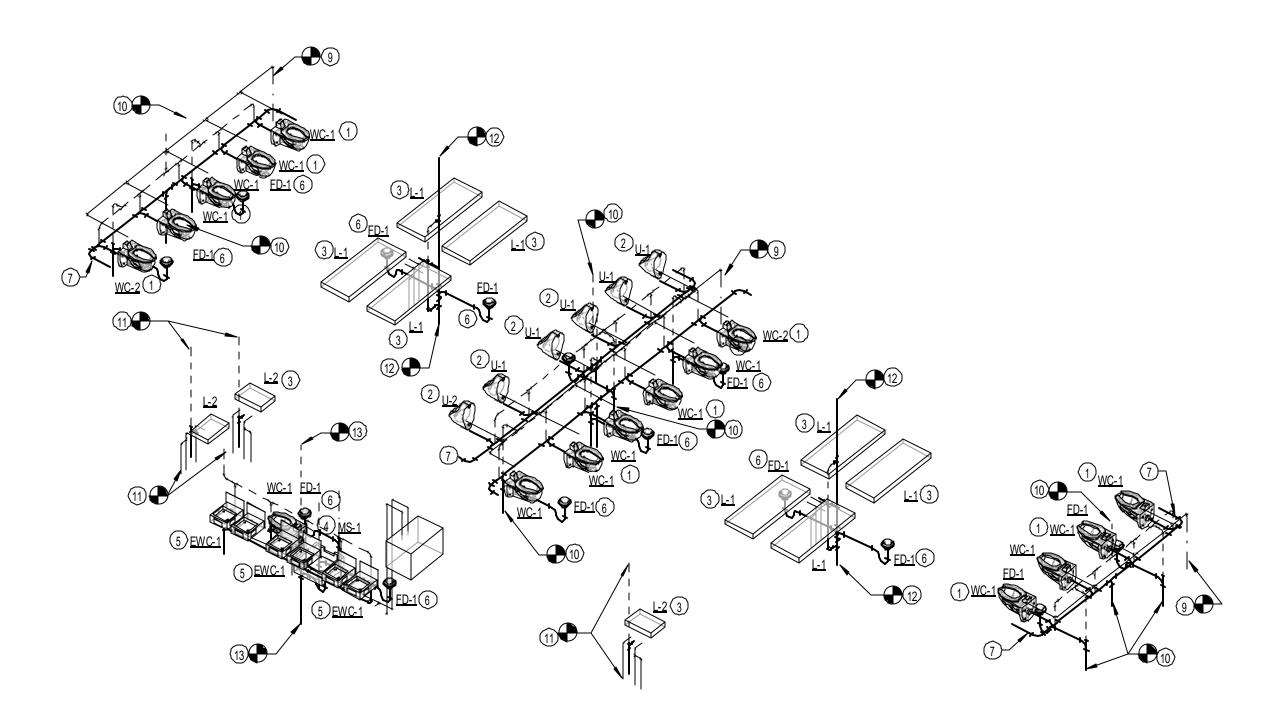




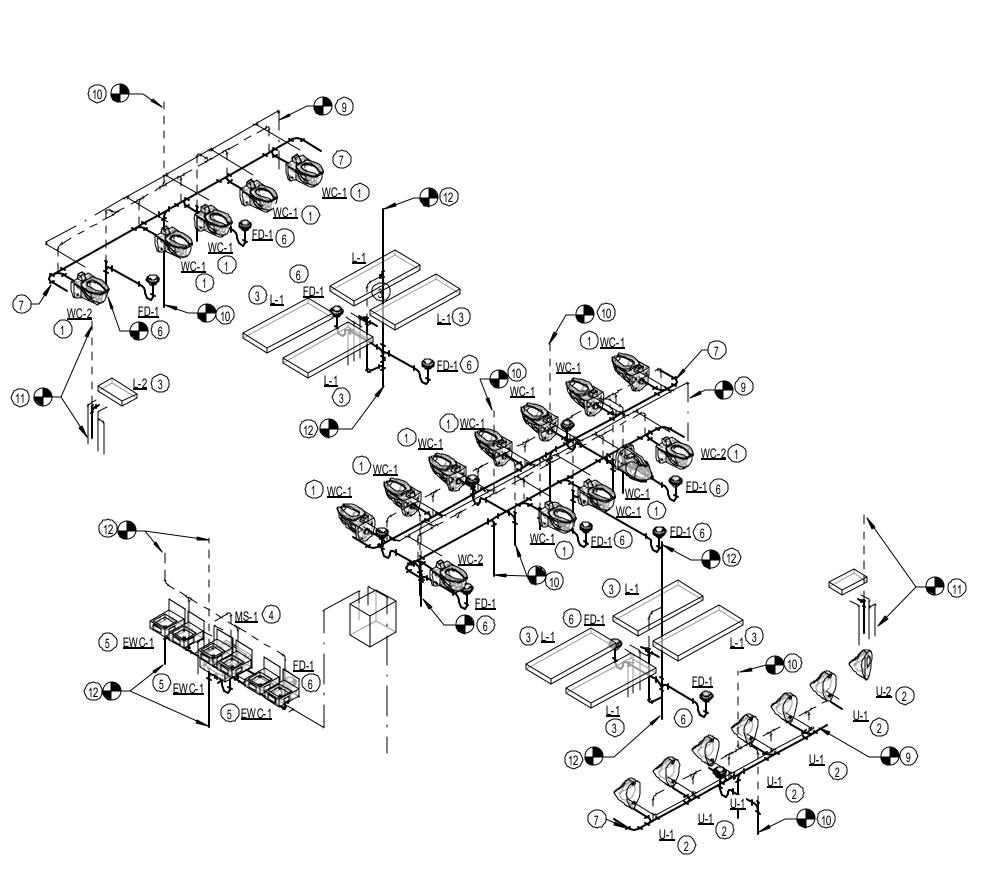




#### **RENOVATION PLUMBING RISER GATES 28-32** (3)



### **RENOVATION PLUMBING RISER GATES 24-27** (2)



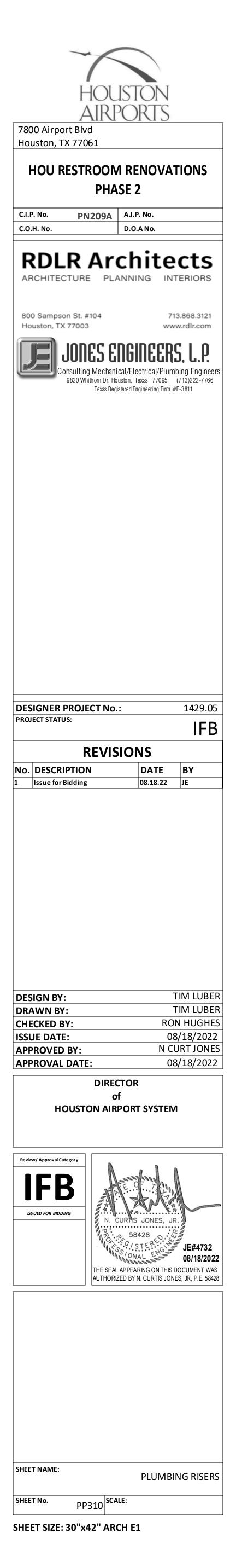
#### DEMOLITION PLAN KEY NOTES NOTE DISCONNECT & REMOVE EXISTING WATER CLOSET INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. DISCONNECT & REMOVE EXISTING URINAL INCLUDING, BUT NOT LIMITED TO: FIXTURE, FLUSH VALVE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. DISCONNECT & REMOVE EXISTING LAVATORY INCLUDING, BUT NOT LIMITE TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. DISCONNECT & REMOVE EXISTING MOP SINK INCLUDING, BUT NOT LIMITE TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. DISCONNECT & REMOVE EXISTING ELECTRIC DRINKING FOUNTAIN INCLUDING, BUT NOT LIMITED TO: FIXTURE, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC.CORE/ SAW CUT FLOOR AS REQUIRED. REMOVE EXISTING DCW AND DHW BACK TO VALVE LOCATED WITHIN THE CHASE. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT BACK TO SLAB BELOW AND SLAB ABOVE. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. DISCONNECT & REMOVE EXISTING FLOOR DRAIN, INCLUDING BUT NOT LIMITED TO: FIXTURE, P-TRAP, TRIM, CARRIER, WASTE, VENT, & WATER PIPING, HANGERS, SUPPORTS, SPECIALTIES, ETC. CORE/SAW CUT FLOOR AS REQUIRED. REMOVE AND CAP EXISTING SANITARY WASTE AND VENT ASSOCIATED WITH FLOOR DRAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. 7 EXISTING REMOTE CHILLER TO REMAIN.

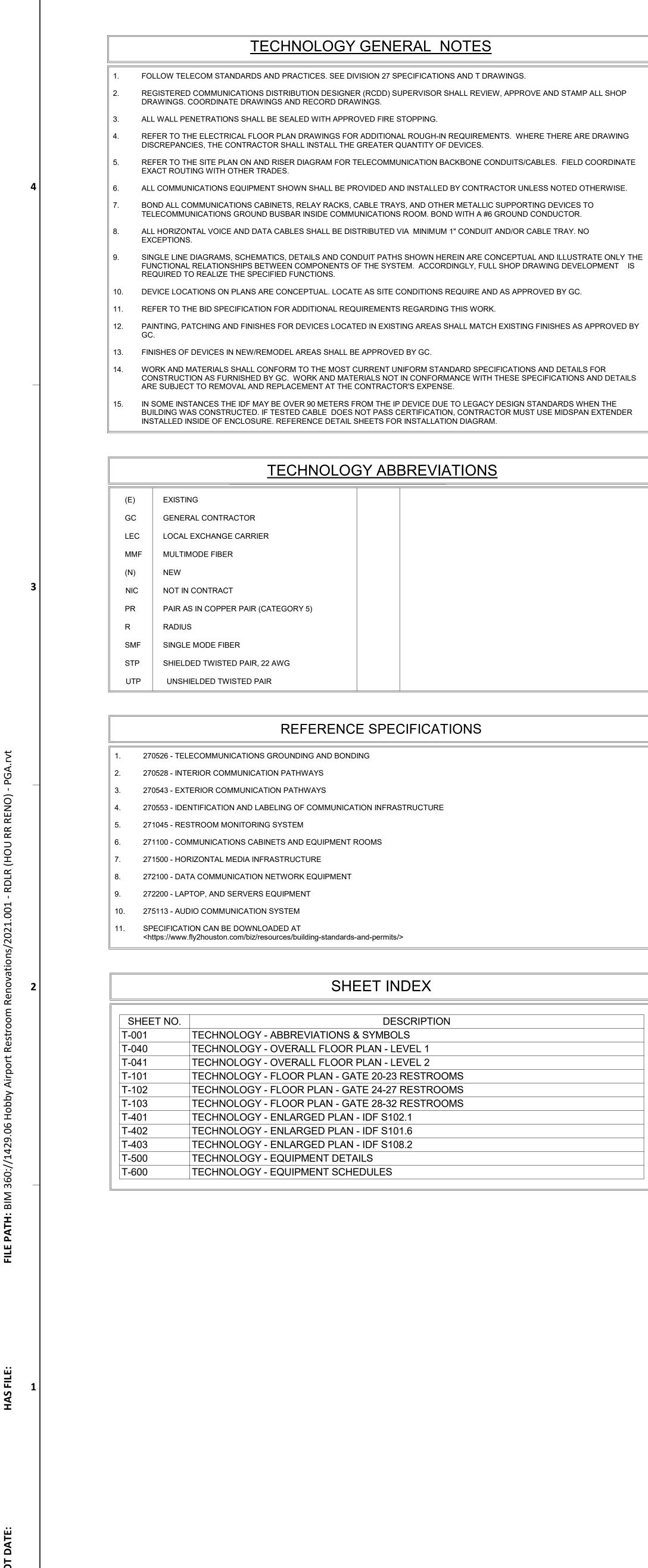
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	RENOVATION PLAN KEY NOTES
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	PROVIDE NEW WATER CLOSET, CARRIER, FLUSH VALVE, TRIM, ETC ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW URINAL, CARRIER, FLUSH VALVE, TRIM, ETC ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 1-1/2" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW LAVATORY, CARRIER, TRIM, ETC ACCORDING TO SCHEDULE. ROUTE ALL NEW 2" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW MOP SINK ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW ELECTRIC DRINKING FOUNTAIN ACCORDING TO SCHEDULE. ROUTE ALL NEW 2" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. CONNECT TO EXISTING REMOTE CHILLER. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW FLOOR DRAIN ACCORDING TO SCHEDULE. ROUTE ALL NEW 4" SANITARY WASTE & VENT AND 3/4" DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
	PROVIDE NEW CLEAN OUT IN EASILY ACCESSIBLE LOCATION.
	PROVIDE NEW REMOTE CHILLER, ELKAY #ER191, 19 GPH, 9.7 AMP, 750 WATT, 115V. ROUTE ALL NEW SANITARY WASTE & VENT AND DOMESTIC WATER PIPING AS REQUIRED AND PROVIDE ANY ADDITIONAL PIPING & FITTINGS NOT SHOWN FOR CONNECTION TO EXISTING. COORDINATE EXACT LOCATION AND REQUIREMENTS IN FIELD.
	CONNECT NEW 2" DCW LINE TO EXISTING DCW RISER, WITH 1-1/2" DCW BRANCHES FOR WATER CLOSETS. PROVIDE ISOLATION SHUT-OFF VALVE IN A CONVENIENT ACCESSIBLE LOCATION FOR BANK OF WATER CLOSETS. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
0	CONNECT NEW 4" SAN WASTE AND VENT TO EXISTING SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
1	CONNECT NEW 3/4" DCW, 3/4" DHW, 3/4" DHWR, 2" SAN WASTE AND VENT TO EXISTING DCW, DHW, DHWR, SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER AND DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
2	CONNECT NEW 3/4" DCW, 3/4" DHW, 3/4" DHWR, 4" SAN WASTE AND VENT TO EXISTING DCW, DHW, DHWR, SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER AND DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
}	CONNECT NEW 1-1/2" DCW, 3/4" DHW, 3/4" DHWR, 4" SAN WASTE AND VENT TO EXISTING DCW, DHW, DHWR, SAN WASTE AND VENT RISERS. PROVIDE NEW CLEANOUT FOR SAN WASTE RISER AND DOMESTIC WATER ISOLATION SHUT-OFF VALVES WITHIN AN ACCESS PANEL. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
4	CONNECT NEW 1" DCW LINE TO EXISTING DCW RISER. PROVIDE ISOLATION SHUT-OFF VALVE IN A CONVENIENT ACCESSIBLE LOCATION. VERIFY EXACT LOCATION, AND REQUIREMENTS IN FIELD. CORE/SAW CUT FLOOR AS REQUIRED.
5	PROVIDE 3 GALLON SOAP DISPENSER RESERVOIRS AT THIS LOCATION. REFER TO DIAGRAM ON PG301.





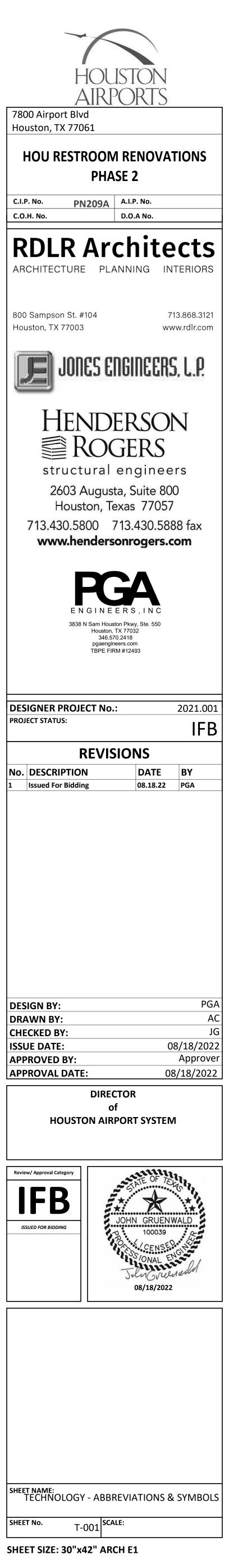
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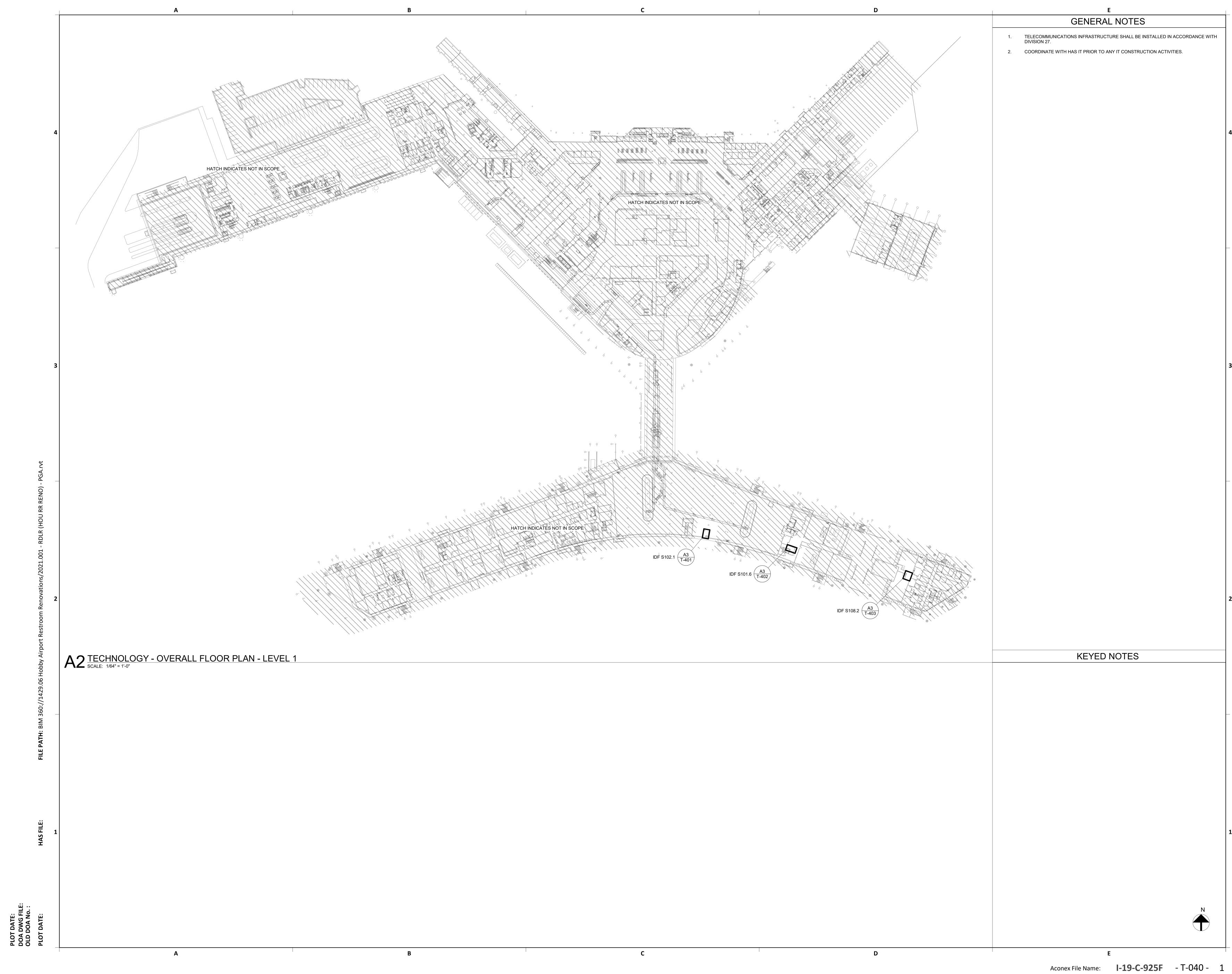
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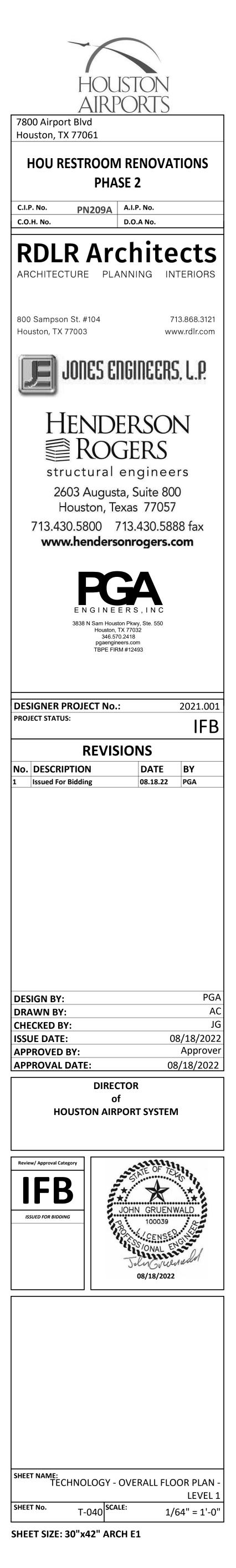
TECHNOLO	OGY EQUIPMENT SYMBOLS LIST
SYMBOL	DESCRIPTION
HDMI-R	HDMI RECEIVER
HDMI-T	HDMI TRANSMITTER
FOPP	FIBER OPTIC PATCH PANEL
FOT	FIBER OPTIC TRANSMITTER
FOR	FIBER OPTIC RECEIVER
СРР	COPPER PATCH PANEL
СР	CURTESY PHONE
НН	HAND HOLE
MATV	MAINTENANCE HOLE
МН	MAINTENANCE HOLE
NSO	NETWORK SWITCH (OWNER)
NS T	NETWORK SWITCH (TENANT)
РВ	PULL BOX
Р	OSP COPPER PROTECTOR
<b>V</b> x	X-CAT6 TERMINATION JACK WHERE X REPRESENTS QUANTITY OF CAT6 CABLES. FIELD COORDINATE EXACT PLACEMENT WITH OTHER TRADE.
	EXAMPLE: 4-CAT6 WITH 4-PORT WALL PLATE, 15" A.F.F.
X Y	CAT 6 TERMINATION JACK. X=CONFIGURATION. Y=QTY OF CAT 6 CABLES. PROVIDE PATCH CORD FOR EACH CONNECTED PORT.
Ψτν	TV OUTLET (1 RG-6 CABLE)
	HDMI WITH 2 AUDIO JACKS. INCLUDE PLENUM HDMI AND 2 AUDIO CABLE FROM JACK TO A/V SOURCE WITHIN ROOM.
W	1 CAT 6 WITH PLATE FOR WALL MOUNTED PHONE, 45"A.F.F.
₩в	BLANK WALL PLATE
×	X CAT 6 CABLE (FLOOR OUTLET)
WAP	WIRELESS ACCESS POINT, 2 CAT 6A CABLES
AW	ALL WEATHER OUTDOOR PHONE, 1 CAT 6

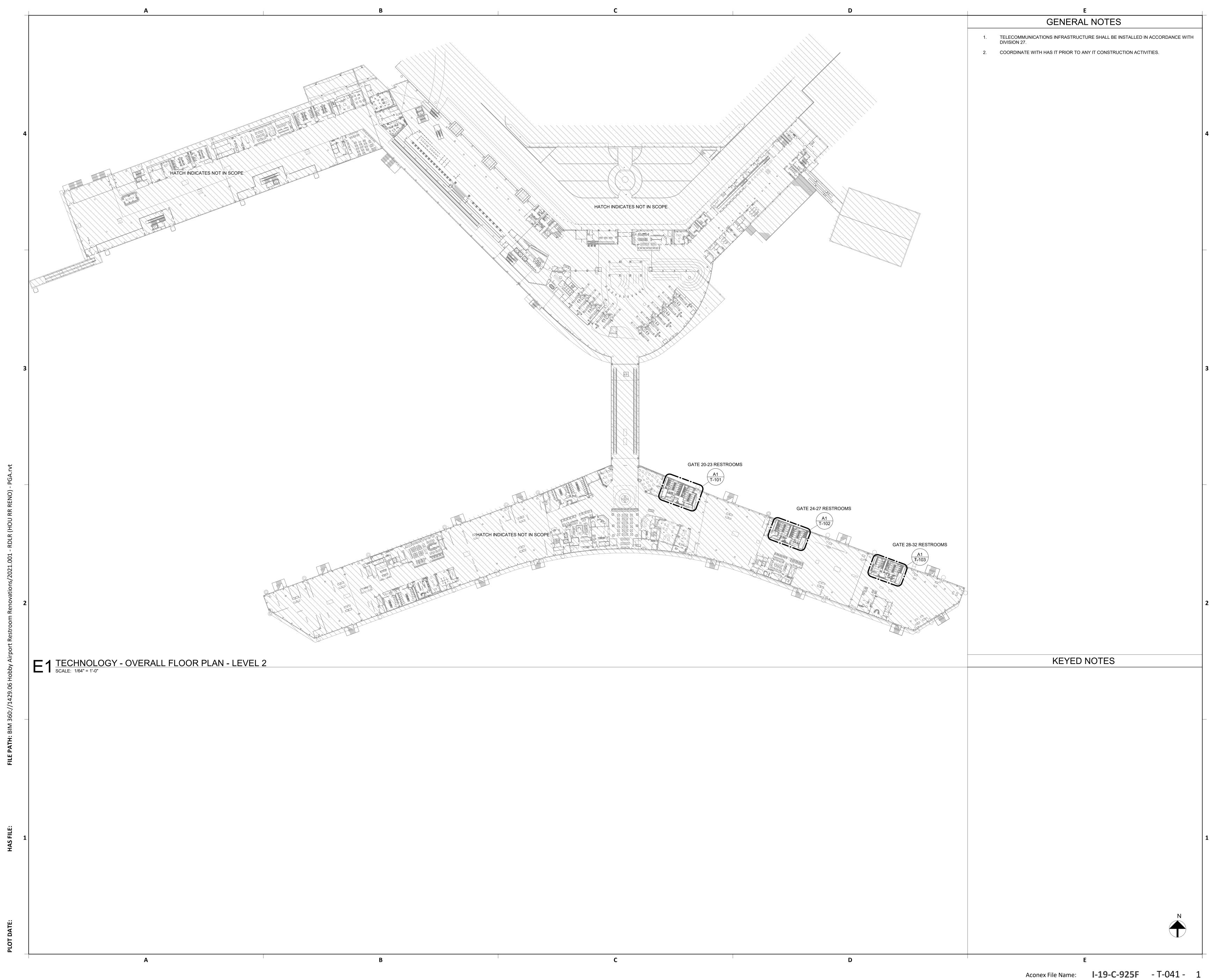
SYMBOL	DESCRIPTION
0	CONDUIT TURNING UP
•	CONDUIT TURNING DOWN
[	TERMINATING CONDUIT. PROVIDE GROUND LUG AND INSULATED THROAT BUSHING.
	EXPOSED CONDUIT
	CONCEALED CONDUIT
	ARIEL CABLE
BTP	BLUETOOTH BEACON PUCK
EX	ETHERNET EXTENDER
FPC	FLIGHT INFORMATION DISPLAY PC
FPD	FLAT PANEL DISPLAY
HCM	HORIZONTAL CABLE MANAGEMENT
JB	JUNCTION BOX
МРС	MINIATURE COMPUTER
OSL	BATHROOM STALL OCCUPANCY SENSOR LIGHT
PCR	PASSENGER COUNTER REMOTE
PCS	PASSENGER COUNTER SENSOR
REC	REMOTE EQUIPMENT ENCLOSURE
(SP1)	A/V SPEAKER TYPE 1. MODEL JBL CONTROL 24CT
SP2	A/V SPEAKER TYPE 2
OSG	BATHROOM STALL OCCUPANCY SENSOR GATEWAY
TP1	TOUCH PANEL

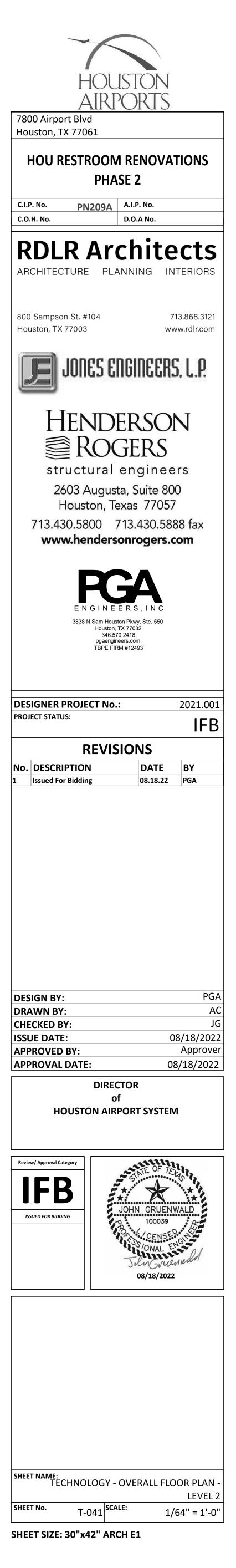
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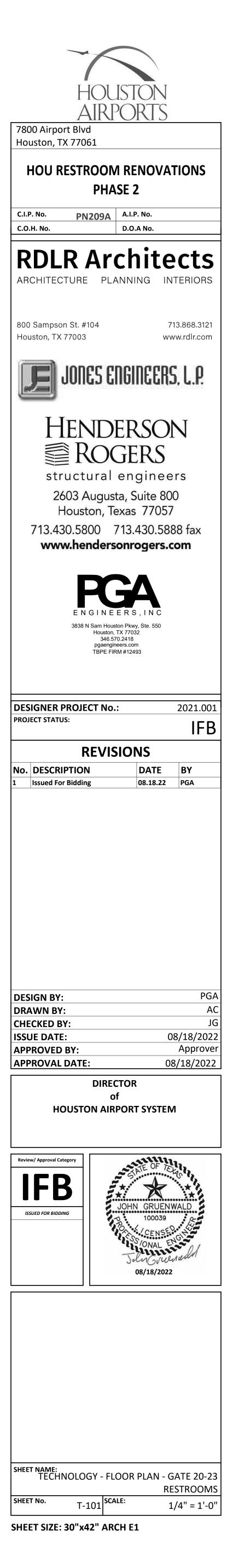


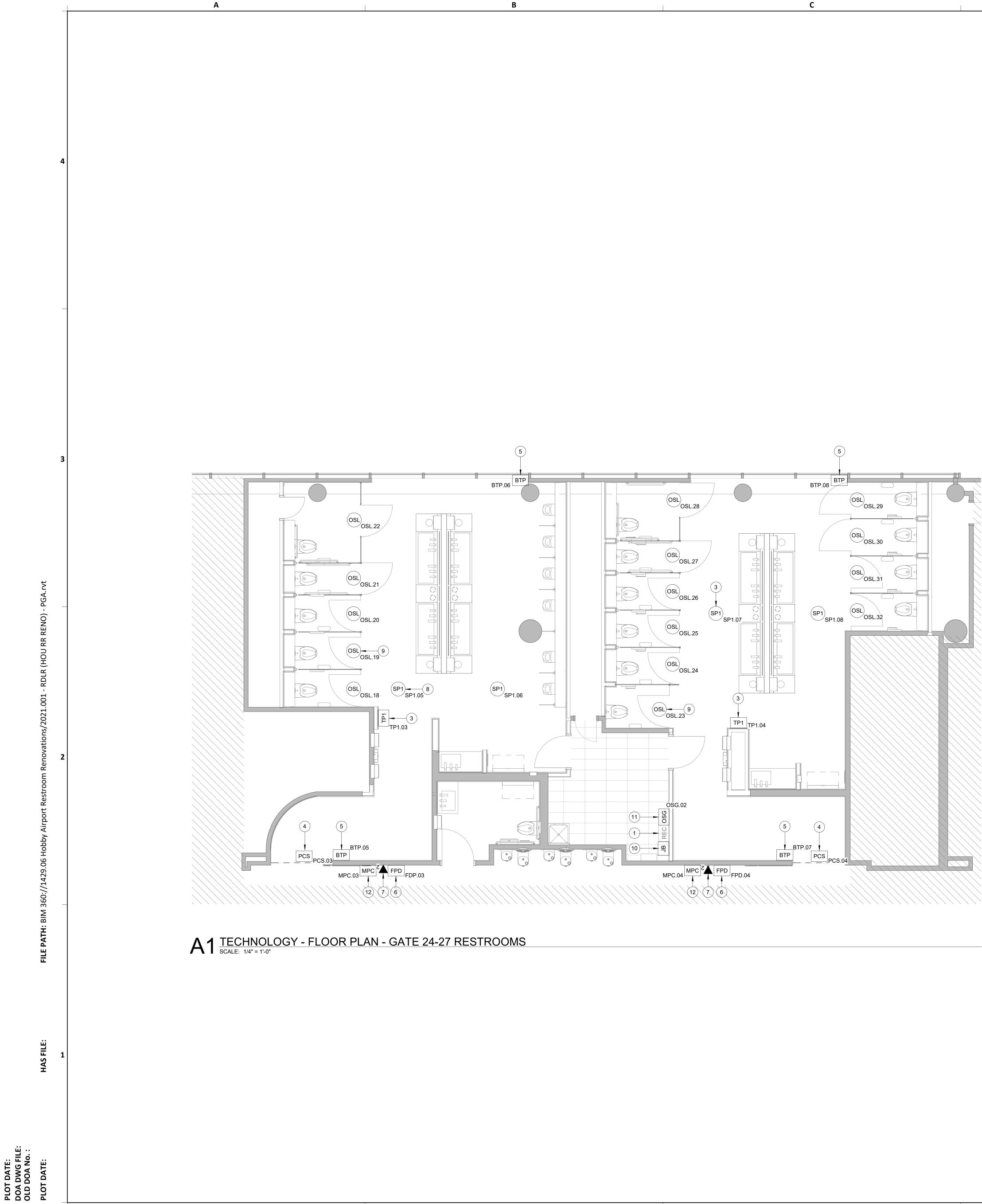




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	GENERAL NOTES
1.	TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.
2.	COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES.
3.	SCREENED DEVICES DENOTES EXISTING.
4.	RETURN ANY DEMO'D TECHNOLOGY DEVICES TO HAS IT.

# **KEYED NOTES** 1 EXISTING WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC). 2 (NO LONGER USED.) 3 REPLACE EXISTING IPAD WITH SAMSUNG GALAXY A7 LTE. MOUNT TO WALL WITH ARMOR ACTIVE ELITE ENCLOSURE AND WEDGE MOUNT, WITH A BOUNCEPAD VESA MAXI CASE. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION AS REQUIRED. 4 REPLACE EXISTING PASSENGER COUNT SENSOR WITH XOVIS PC2-S, MOUNTED WITH PA-PC2-FM - FLUSH MOUNT KIT. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (1) CAT6 CABLE ROUTED THROUGH A 1"C. TO EXISTING REC. 5 REPLACE EXISTING BLUETOOTH BEACON PUCK WITH KONTAKT.IO, ANCHOR BEACON 2. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (6) FLAT PANEL DISPLAY, LG 32SM5KE. MOUNTED TO WALL WITH SMARTMOUNT SF632P. 7 2-PORT, SURFACE MOUNT DATA RECEPTACLE MOUNTED TO WALL BEHIND FLAT PANEL DISPLAY. 2 CAT6 CABLE ROUTED THROUGH A 1"C TO IDF S102.1. 8 REPLACE CEILING SPEAKER WITH NEW JBL CONTROL 24CT. KEEP THE SAME/CLOSEST TAP VALUE, AND TURN OLD SPEAKER OVER TO HAS IT. 9 BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. MOUNT AT 6" INSIDE THE STALL, MEASURED FROM THE STALL DOOR AS PER MANUFACTURER INSTALLATION INSTRUCTIONS. 10 LOCATION OF JUNCTION BOX FOR BATHROOM STALL OCCUPANCY LIGHTS POWER SUPPLY. JUNCTION BOX TO HAVE 1" CONDUIT ROUTED TO CEILING. 11 BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. PLACE INSIDE NEW WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC). (12) MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.



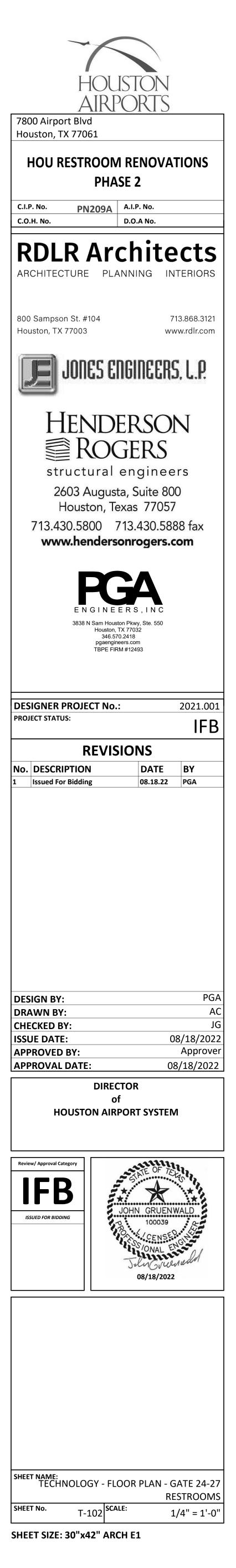


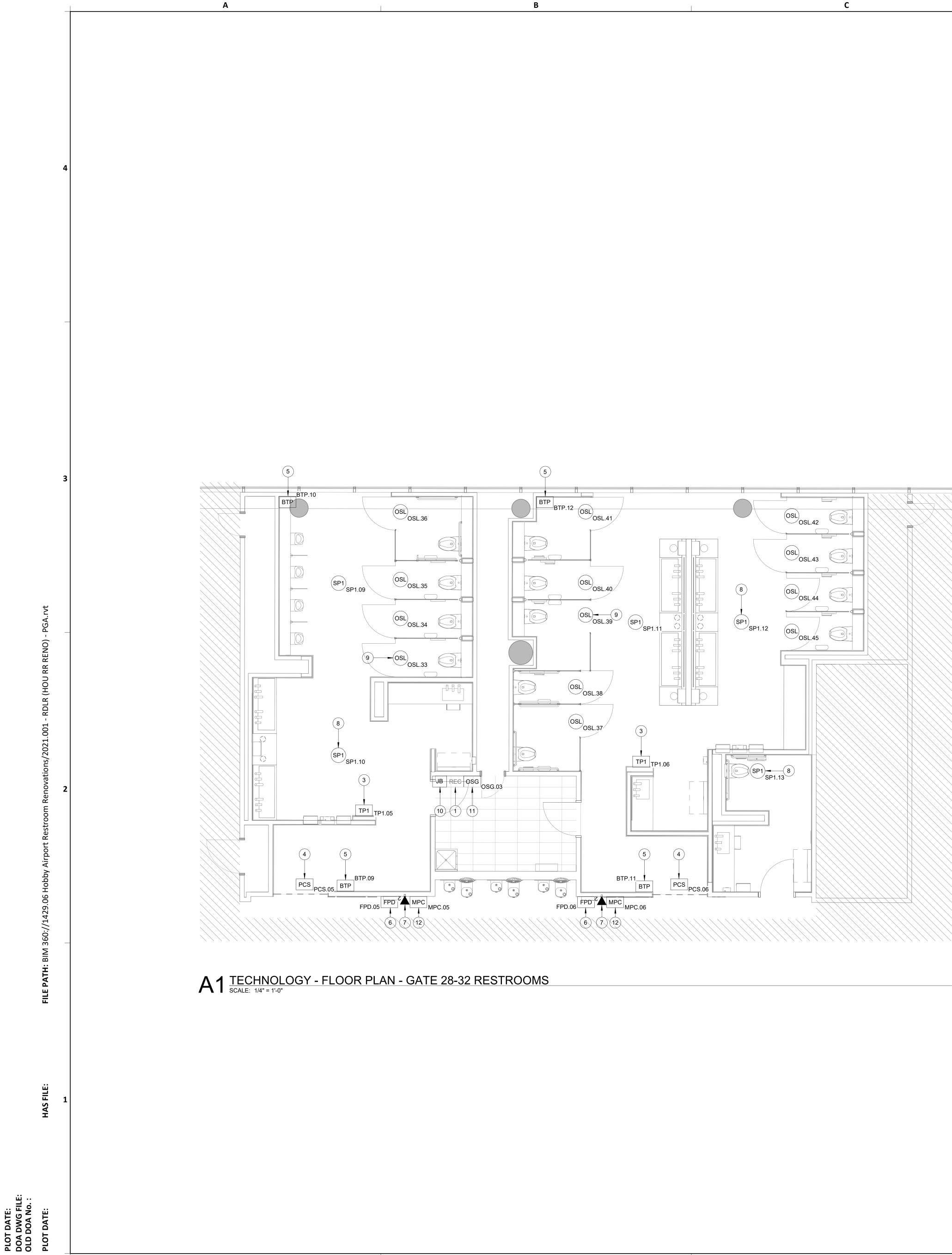
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# **KEYED NOTES**

- 1 EXISTING WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC). 2 (NO LONGER USED.)
- 3 REPLACE EXISTING IPAD WITH SAMSUNG GALAXY A7 LTE. MOUNT TO WALL WITH ARMOR ACTIVE ELITE ENCLOSURE AND WEDGE MOUNT, WITH A BOUNCEPAD VESA MAXI CASE. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION AS REQUIRED.
- 4 REPLACE EXISTING PASSENGER COUNT SENSOR WITH XOVIS PC2-S, MOUNTED WITH PA-PC2-FM FLUSH MOUNT KIT. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (1) CAT6 CABLE ROUTED THROUGH A 1"C. TO EXISTING REC.
- 5 REPLACE EXISTING BLUETOOTH BEACON PUCK WITH KONTAKT.IO, ANCHOR BEACON 2. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (6) FLAT PANEL DISPLAY, LG 32SM5KE. MOUNTED TO WALL WITH SMARTMOUNT SF632P.
- 7 2-PORT, SURFACE MOUNT DATA RECEPTACLE MOUNTED TO WALL BEHIND FLAT PANEL DISPLAY. 2 CAT6 CABLE ROUTED THROUGH A 1"C TO IDF S101.6.
- 8 REPLACE CEILING SPEAKER WITH NEW JBL CONTROL 24CT. KEEP THE SAME/CLOSEST TAP VALUE, AND TURN OLD SPEAKER OVER TO HAS IT.
- 9 BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. MOUNT AT 6" INSIDE THE STALL, MEASURED FROM THE STALL DOOR AS PER MANUFACTURER INSTALLATION INSTRUCTIONS.
- (10) LOCATION OF JUNCTION BOX FOR BATHROOM STALL OCCUPANCY LIGHTS POWER SUPPLY. JUNCTION BOX TO HAVE 1" CONDUIT ROUTED TO CEILING.
- 11 BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. PLACE INSIDE NEW WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC).
- 12 MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.

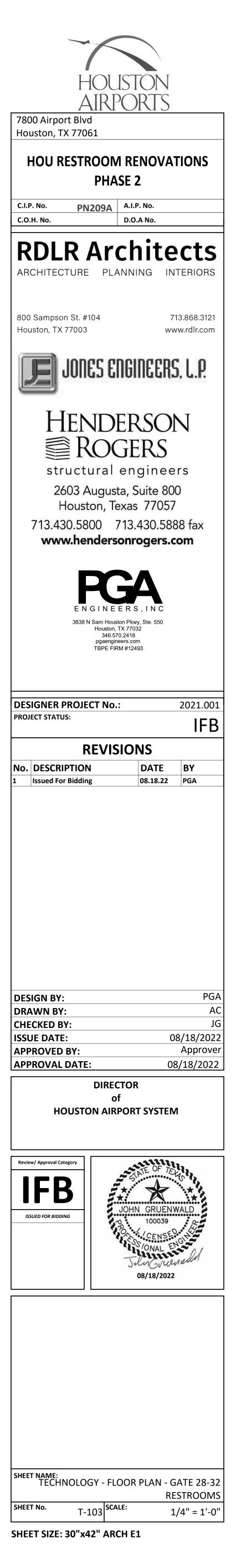


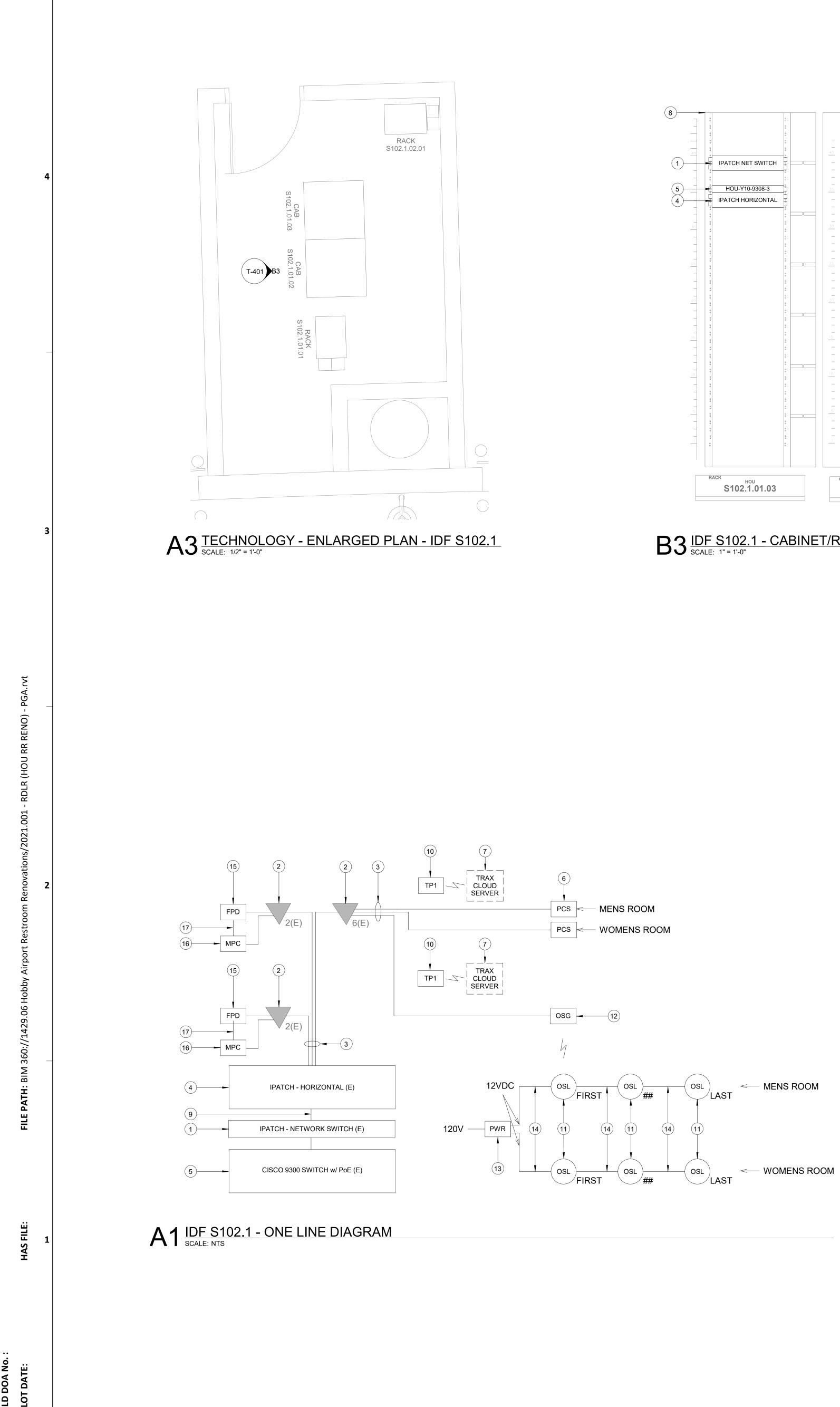


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3.	SCREENED DEVICES DENOTES EXISTING.
4.	RETURN ANY DEMO'D TECHNOLOGY DEVICES TO HAS IT.

## **KEYED NOTES**

- 1 EXISTING WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC). 2 (NO LONGER USED.)
- 3 REPLACE EXISTING IPAD WITH SAMSUNG GALAXY A7 LTE. MOUNT TO WALL WITH ARMOR ACTIVE ELITE ENCLOSURE AND WEDGE MOUNT, WITH A BOUNCEPAD VESA MAXI CASE. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION AS REQUIRED.
- 4 REPLACE EXISTING PASSENGER COUNT SENSOR WITH XOVIS PC2-S, MOUNTED WITH PA-PC2-FM FLUSH MOUNT KIT. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. (1) CAT6 CABLE ROUTED THROUGH A 1"C. TO EXISTING REC.
- 5 REPLACE EXISTING BLUETOOTH BEACON PUCK WITH KONTAKT.IO, ANCHOR BEACON 2. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (6) FLAT PANEL DISPLAY, LG 32SM5KE. MOUNTED TO WALL WITH SMARTMOUNT SF632P.
- 7 2-PORT, SURFACE MOUNT DATA RECEPTACLE MOUNTED TO WALL BEHIND FLAT PANEL DISPLAY. 2 CAT6 CABLE ROUTED THROUGH A 1"C TO IDF S108.2.
- 8 REPLACE CEILING SPEAKER WITH NEW JBL CONTROL 24CT. KEEP THE SAME/CLOSEST TAP VALUE, AND TURN OLD SPEAKER OVER TO HAS IT.
- 9 BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. MOUNT AT 6" INSIDE THE STALL, MEASURED FROM THE STALL DOOR AS PER MANUFACTURER INSTALLATION INSTRUCTIONS.
- 10 LOCATION OF JUNCTION BOX FOR BATHROOM STALL OCCUPANCY LIGHTS POWER SUPPLY. JUNCTION BOX TO HAVE 1" CONDUIT ROUTED TO CEILING.
- 11 BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. PLACE INSIDE NEW WALL MOUNTED REMOTE EQUIPMENT ENCLOSURE (REC).
- 12 MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.





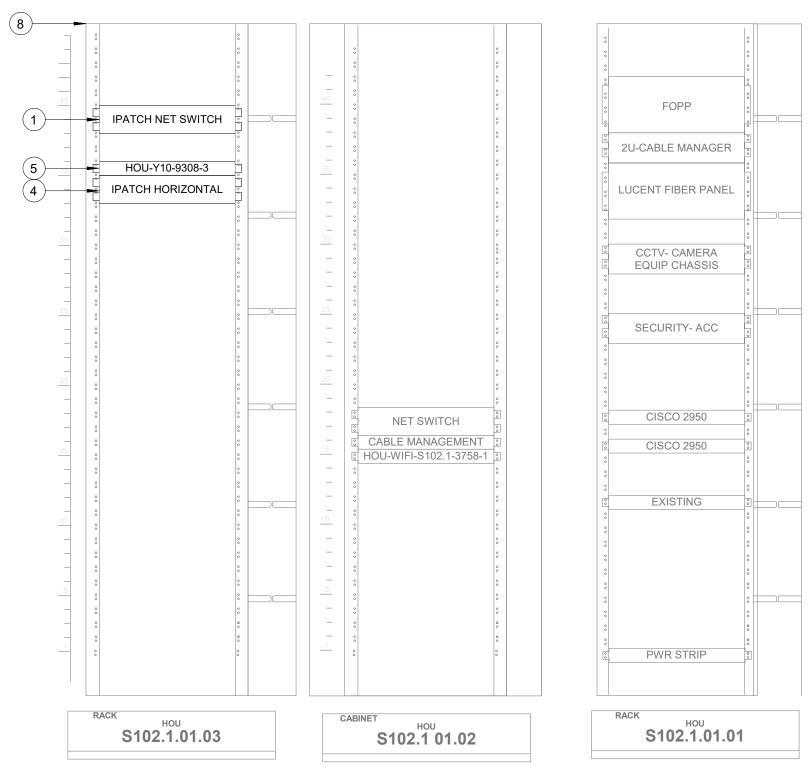
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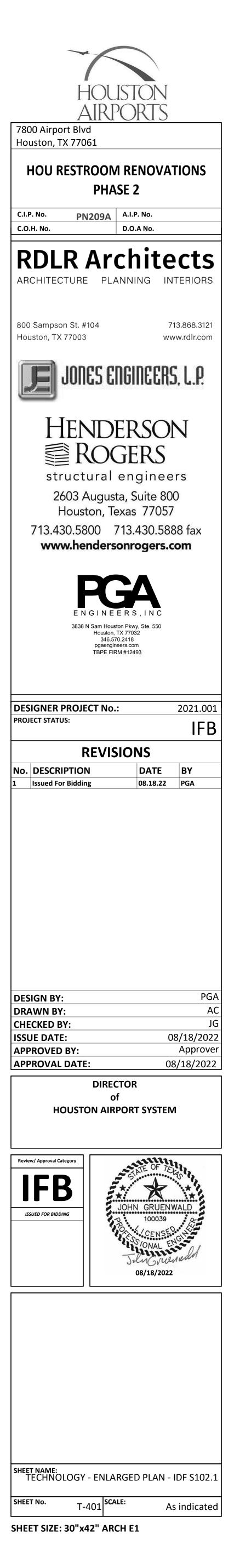
# **GENERAL NOTES**

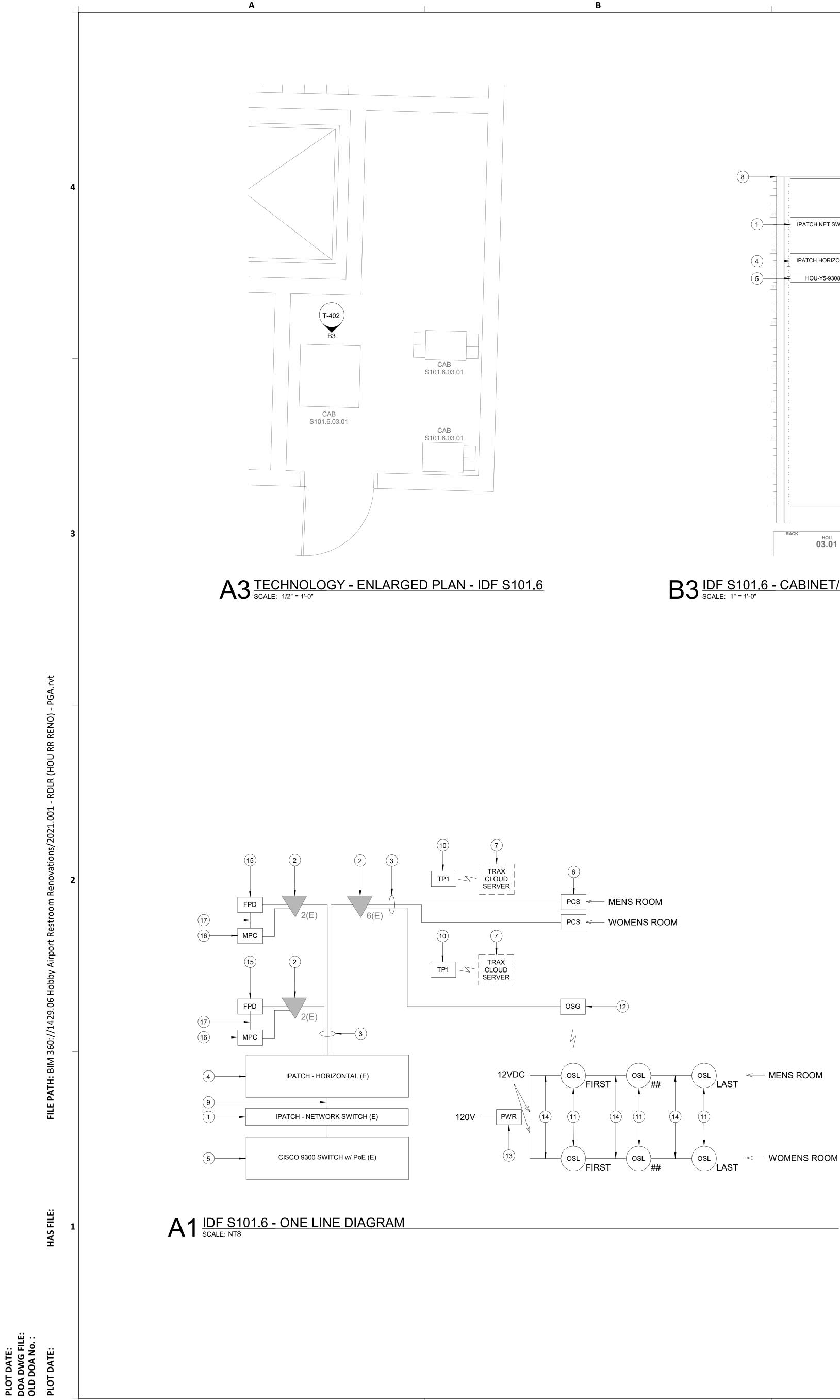
TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.

COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES. SCREENED DEVICES DENOTES EXISTING.

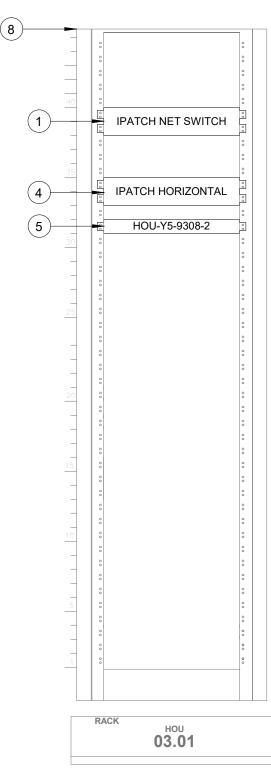
# **KEYED NOTES**

- 1 IPATCH NETWORK SWITCH. (E)
- 2 CATEGORY 6 DATA RECEPTACLE.
- 3 CATEGORY 6 CABLES.
- 4 IPATCH HORIZONTAL. (E)
- 5 CISCO 9300 NETWORK SWITCH. (E)
- 6 PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (7) TRAX CLOUD SERVER, LOCATED OFFSITE.
- 8 EQUIPMENT RACK "01.03" (E). REFERENCE DETAIL "B3" ON THIS SHEET.
- 9 CATEGORY 6 PATCH CORDS.
- (10) TABLET, SAMSUNG GALAXY A7. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (11) BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY-CHAINED NOT SHOWN, REFERENCE SHEET T-101.
- 12 BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATED IN GATE 20-23 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-101.
- 13 BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRSUP-W1. MUST BE HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS.
- (14) PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS.
- (15) EXISTING FLAT PANEL DISPLAY, LG 32SM5KE.
- (16) MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (17) HDMI CABLE.





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B3 IDF S101.6 - CABINET/RACK ELEVATIONS SCALE: 1" = 1'-0"

# **GENERAL NOTES**

TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.

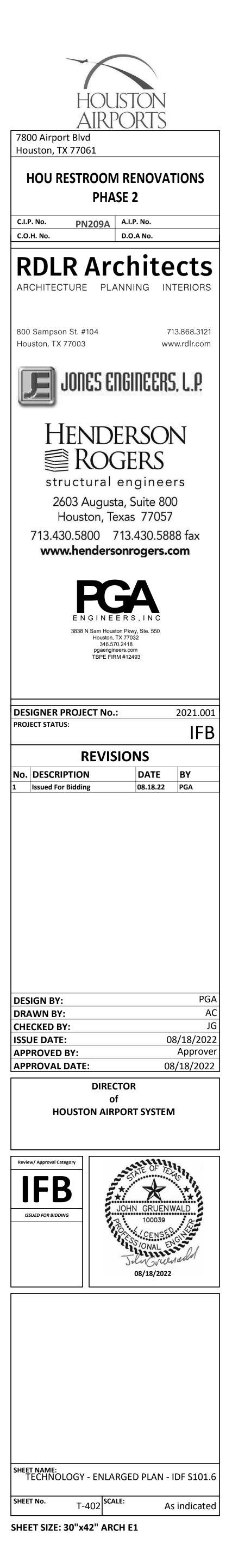
2. COORDINATE WITH HAS IT PRIOR TO ANY IT CONSTRUCTION ACTIVITIES. 3. SCREENED DEVICES DENOTES EXISTING.

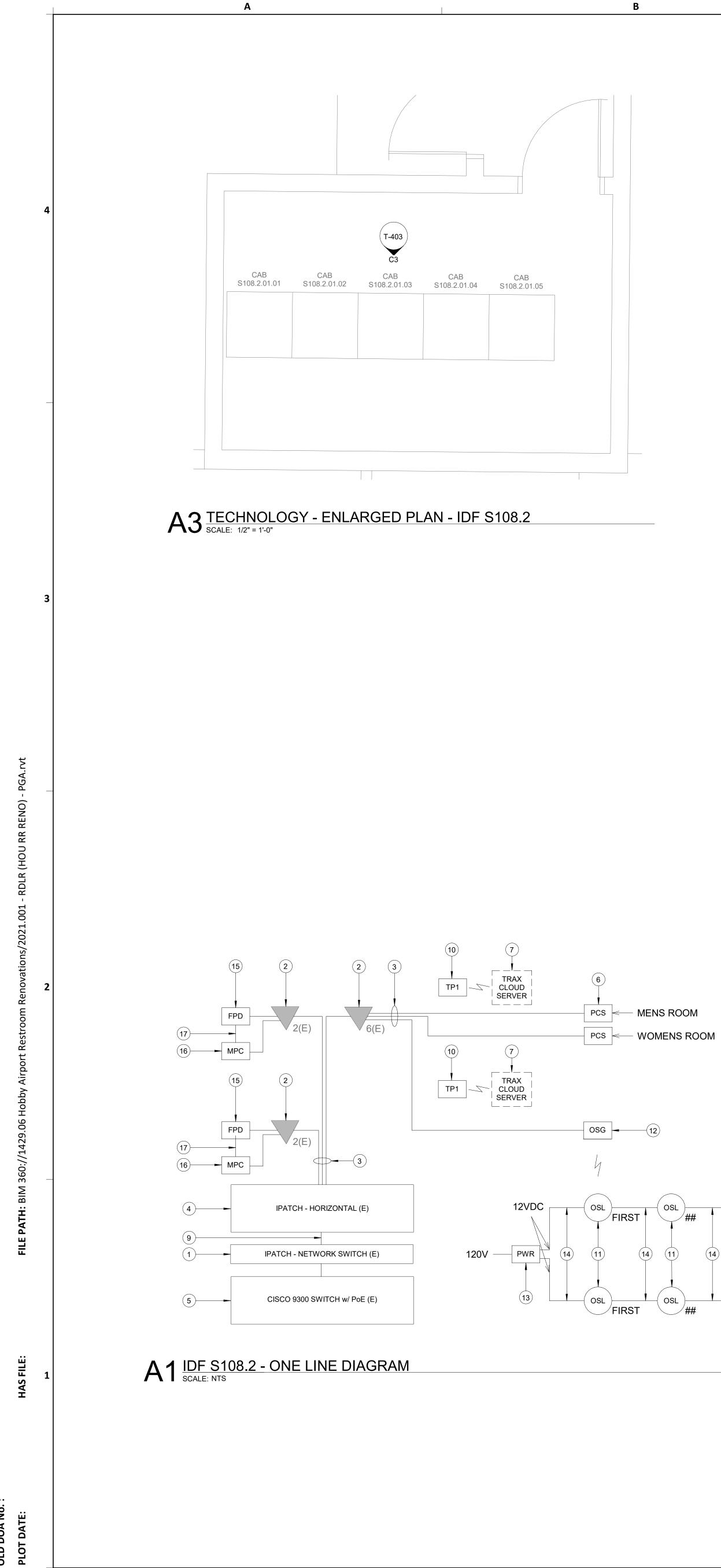
## **KEYED NOTES**

- 2 CATEGORY 6 DATA RECEPTACLE.
- 3 CATEGORY 6 CABLES.
- 4 IPATCH HORIZONTAL. (E)
- 5 CISCO 9300 NETWORK SWITCH. (E)
- 6 PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
- (7) TRAX CLOUD SERVER, LOCATED OFFSITE.
- 8 EQUIPMENT RACK "03.01" (E). REFERENCE DETAIL "B3" ON THIS SHEET.
- 9 CATEGORY 6 PATCH CORDS.

(10) TABLET, SAMSUNG GALAXY A7. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.

- Image: 11BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY-<br/>CHAINED NOT SHOWN, REFERENCE SHEET T-102.
- 12 BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATED IN GATE 24-27 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-102.
- (13) BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRSUP-W1. MUST BE HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS.
- (14) PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS.
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- (17) HDMI CABLE.

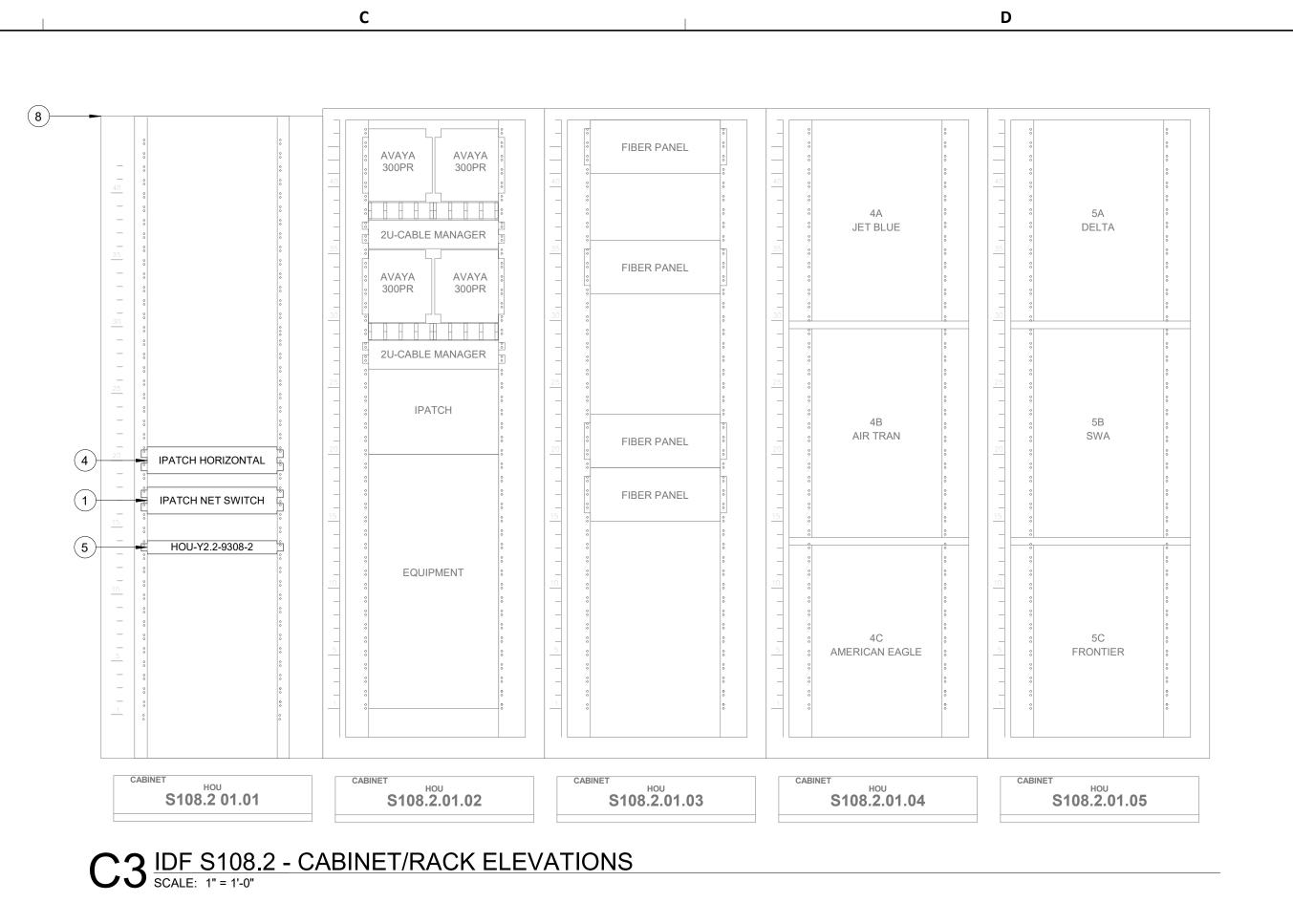




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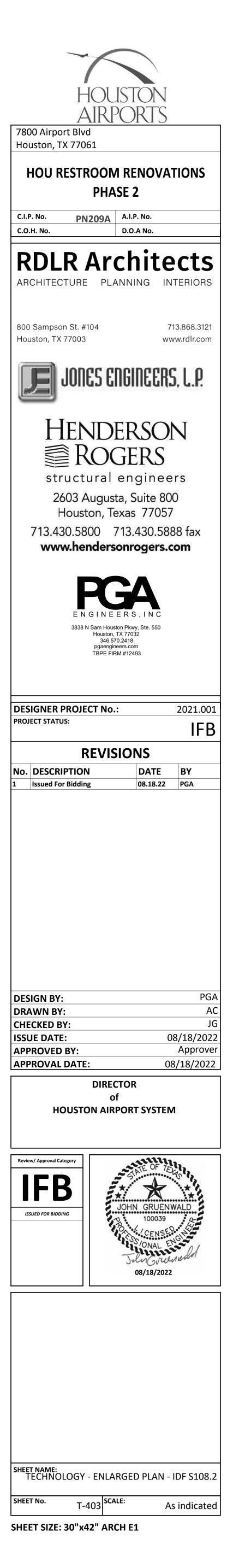
<--- MENS ROOM --( OSL )-----OSL **)**## LAST (14) (14) \_\_\_\_\_( OSL )-<---- WOMENS ROOM OSL ## 

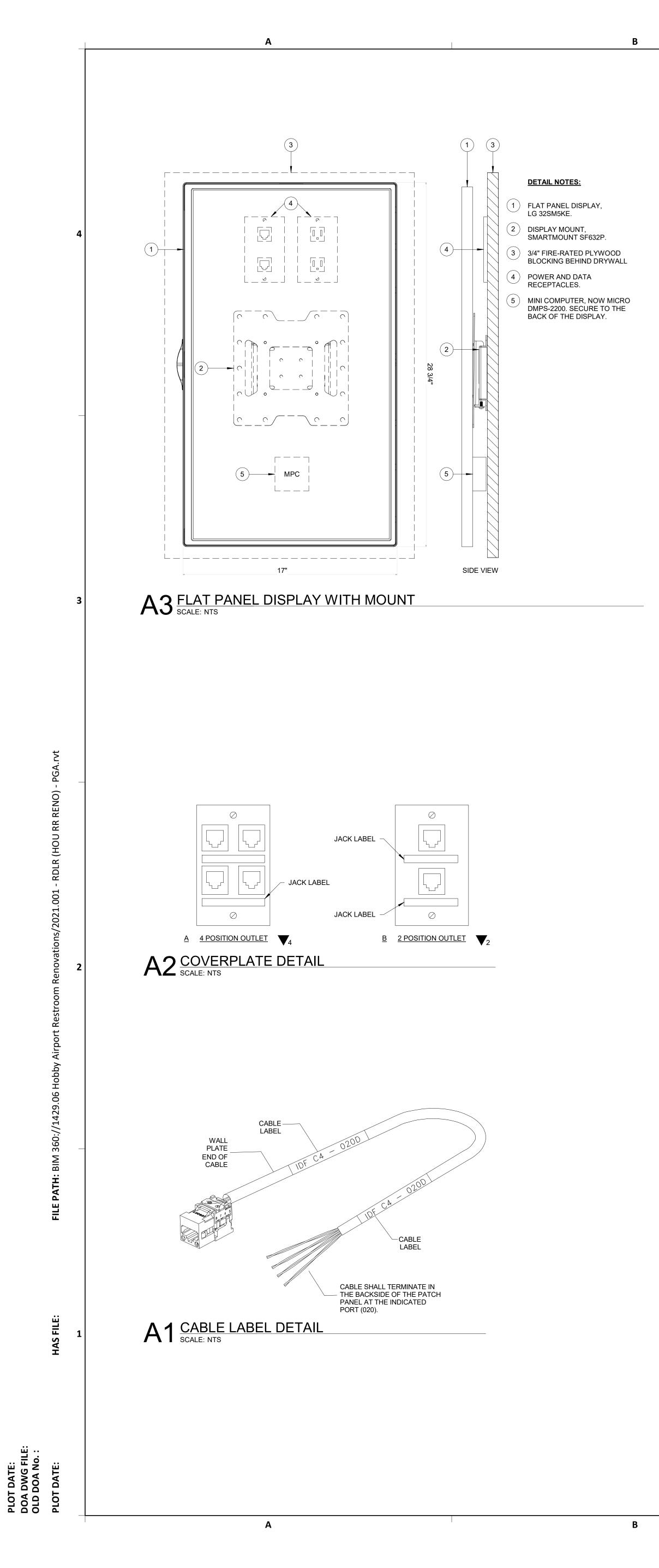
3.	SCREENED DEVICES DENOTES EXISTING.
	KEYED NOTES
(1)	
<ol> <li>(1)</li> <li>(2)</li> </ol>	KEYED NOTES IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE.
$\bigcirc$	IPATCH NETWORK SWITCH. (E)
2	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE.
2 3	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES.
2 3 4	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA
<ul> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> </ul>	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION.
<ul> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> <li>7</li> <li></li> </ul>	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE.
$ \begin{array}{c} 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ \hline \end{array} $	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE. EQUIPMENT RACK "01.01" (E). REFERENCE DETAIL "C3" ON THIS SHEET.
$ \begin{array}{c} 2\\ 3\\ 4\\ 5\\ 6\\ 7\\ 8\\ 9\\ 9\\ - \end{array} $	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE. EQUIPMENT RACK "01.01" (E). REFERENCE DETAIL "C3" ON THIS SHEET. CATEGORY 6 PATCH CORDS.
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$ \begin{array}{c}       2 \\       3 \\       4 \\       5 \\       6 \\       7 \\       8 \\       9 \\       10 \\       11 \\       12 \\       \qquad \qquad$	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE. EQUIPMENT RACK "01.01" (E). REFERENCE DETAIL "C3" ON THIS SHEET. CATEGORY 6 PATCH CORDS. TABLET, SAMSUNG GALAXY A7. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY- CHAINED NOT SHOWN, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRSUP-W1. MUST HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-111/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE.
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$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE. EQUIPMENT RACK "01.01" (E). REFERENCE DETAIL "C3" ON THIS SHEET. CATEGORY 6 PATCH CORDS. TABLET, SAMSUNG GALAXY A7. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY- CHAINED NOT SHOWN, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN Z-PWRSUP-W1. MUST HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/16" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS. PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS. EXISTING FLAT PANEL DISPLAY, LG 32SM5KE. MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION.
$ \begin{array}{c}         (2) \\         (3) \\         (4) \\         (5) \\         (6) \\         (7) \\         (6) \\         (7) \\         (8) \\         (9) \\         (10) \\         (10) \\         (11) \\         (12) \\         (13) \\         (14) \\         (15) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         (15) \\         (11) \\         (12) \\         (12) \\         (13) \\         (14) \\         (15) \\         $	IPATCH NETWORK SWITCH. (E) CATEGORY 6 DATA RECEPTACLE. CATEGORY 6 CABLES. IPATCH HORIZONTAL. (E) CISCO 9300 NETWORK SWITCH. (E) PASSENGER COUNT SENSOR, XOVIS PC2-S . SUBMIT PRODUCT DATA FOR APPROVA PRIOR TO INSTALLATION. TRAX CLOUD SERVER, LOCATED OFFSITE. EQUIPMENT RACK '01.01" (E). REFERENCE DETAIL "C3" ON THIS SHEET. CATEGORY 6 PATCH CORDS. TABLET, SAMSUNG GALAXY A7. SUBMIT PRODUCT DATA FOR APPROVAL PRIOR TO INSTALLATION. BATHROOM STALL OCCUPANCY LIGHTS, ZURN Z-LIGHT-W1. EXACT NUMBER DAISY- CHAINED NOT SHOWN, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT GATEWAY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZGW-WRP-W1-ETH. LOCATE GATE 28-32 RESTROOM JANITOR CLOSET REC, REFERENCE SHEET T-103. BATHROOM STALL OCCUPANCY LIGHT POWER SUPPLY, ZURN ZFWRSUP-W1. MUST HARD WIRED BY ELECTRICIAN AND INSTALLED INTO A STANDARD 4-11/1/6" SQUARE METAL JUNCTION BOX IN ACCORDANCE WITH APPLICABLE LOCAL ELECTRIC CODE. REFERENCE SPECIFICATIONS. PLENUM RATED 16 GAUGE 2 CONDUCTOR WIRE. REFERENCE SPECIFICATIONS. EXISTING FLAT PANEL DISPLAY, LG 32SM5KE. MINI COMPUTER, NOW MICRO DMPS-2200. SUBMIT PRODUCT DATA FOR APPROVAL
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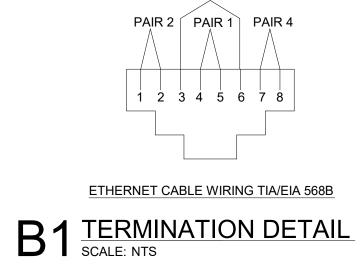
**GENERAL NOTES** 

TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH DIVISION 27.

Z







PAIR 3

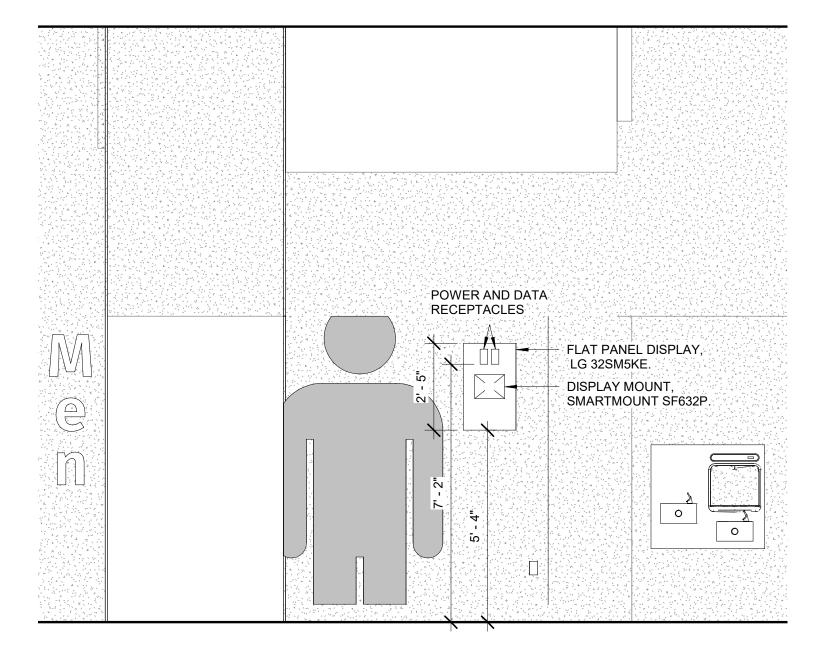
FINISHED CEILING

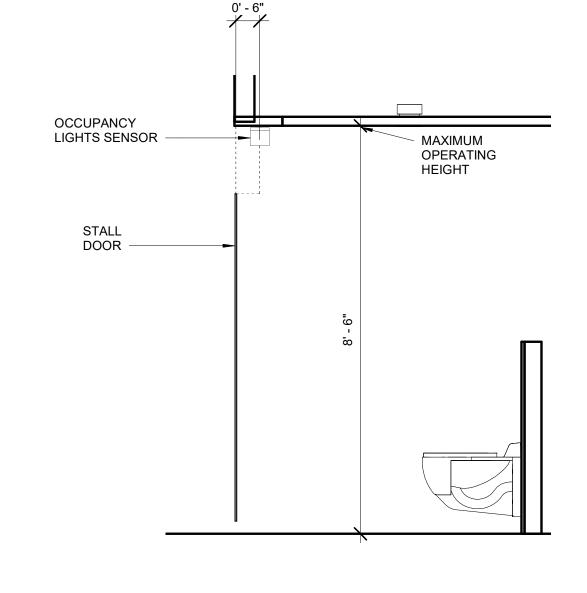
JUNCTION BOX W/ AP CONDUIT TO TRAY OR IDF 2111111111111111 PASSENGER COUNT SENSOR

FINISHED -CEILING

SENSOR MOUNT PLATE J-HOOKS EVERY 6' AS PER SPECIFICATIONS -

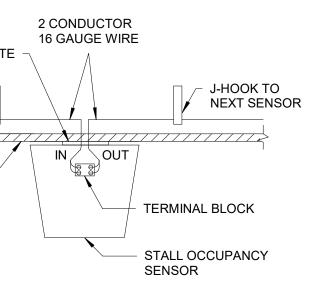
B3 DISPLAY ELEVATION SCALE: 3/8" = 1'-0"





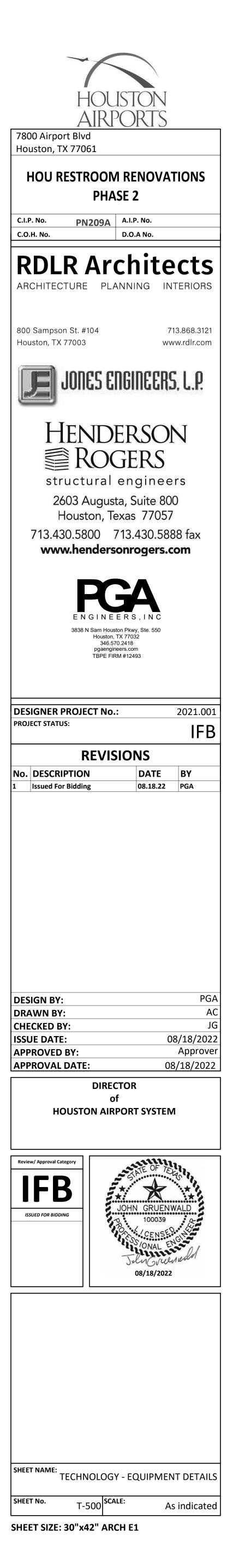






# $C2 \underbrace{\text{STALL SENSOR INSTALLATION DETAIL}}_{\text{SCALE: NTS}}$

# C1 PASSENGER COUNT SENSOR INSTALLATION DETAIL SCALE: NTS



LOT DAT OA DWG ILD DOA I	PLOT DATE
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	<b>FILE PATH:</b> BIM 360://	
	HAS FILE:	1
DOA No. :	DATE:	

OSL.11	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.12	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.12 OSL.13	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.13 OSL.14	GATE 20-23 GATE 20-23		
		ZURN	Z-LIGHT-W1
OSL.15	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.16	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.17	GATE 20-23	ZURN	Z-LIGHT-W1
OSL.18	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.19	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.20	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.21	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.22	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.23	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.24	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.25	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.26	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.27	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.28	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.29	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.30	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.31	GATE 24-27	ZURN	Z-LIGHT-W1
OSL.32	GATE 24-27 GATE 24-27	ZURN	Z-LIGHT-W1
OSL.32	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.33 OSL.34	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.35	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.36	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.37	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.38	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.39	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.40	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.41	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.42	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.43	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.44	GATE 28-32	ZURN	Z-LIGHT-W1
OSL.45	GATE 28-32	ZURN	Z-LIGHT-W1
PCS.01	GATE 20-23	XOVIS	PC2-S
PCS.02	GATE 20-23	XOVIS	PC2-S
PCS.03	GATE 24-27	XOVIS	PC2-S
PCS.04	GATE 24-27	XOVIS	PC2-S
PCS.05	GATE 28-32	XOVIS	PC2-S
PCS.06	GATE 28-32	XOVIS	PC2-S
SP1.01	GATE 20-23	JBL	CONTROL 24CT
SP1.02	GATE 20-23	JBL	CONTROL 24CT
SP1.03	GATE 20-23	JBL	CONTROL 24CT
SP1.04	GATE 20-23	JBL	CONTROL 24CT
SP1.05	GATE 24-27	JBL	CONTROL 24CT
SP1.06	GATE 24-27	JBL	CONTROL 24CT
SP1.07	GATE 24-27	JBL	CONTROL 24CT
SP1.08	GATE 24-27	JBL	CONTROL 24CT
SP1.09	GATE 28-32	JBL	CONTROL 24CT
SP1.10	GATE 28-32	JBL	CONTROL 24CT
SP1.10 SP1.11	GATE 28-32	JBL	CONTROL 24CT
SP1.11 SP1.12	GATE 28-32 GATE 28-32	JBL	CONTROL 24CT
SP1.12 SP1.13	GATE 28-32 GATE 28-32	JBL	CONTROL 24CT
TP1.01	GATE 20-23	SAMSUNG	GALAXY A7
TP1.02	GATE 20-23	SAMSUNG	GALAXY A7
TP1.03	GATE 24-27	SAMSUNG	GALAXY A7
TP1.04	GATE 24-27	SAMSUNG	GALAXY A7
	12/16 28 20	SAMSEIN/2	

TP1.05 GATE 28-32

Α

TP1.06 GATE 28-32 SAMSUNG

A1 EQUIPMENT SCHEDULE SCALE: 1/16" = 1'-0"

SAMSUNG

GALAXY A7

GALAXY A7

В

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		TECHNOLOG	SY SCHEDULE	
DEVICE ID	LOCATION	MANUFACTURER	MODEL	CO
BTP.01	GATE 20-23	KONTAKT.IO	ANCHOR BEACON 2	
BTP.02	GATE 20-23	KONTAKT.IO	ANCHOR BEACON 2	
BTP.03	GATE 20-23	KONTAKT.IO	ANCHOR BEACON 2	
BTP.04	GATE 20-23	KONTAKT.IO	ANCHOR BEACON 2	
BTP.05	GATE 24-27	KONTAKT.IO	ANCHOR BEACON 2	
BTP.06	GATE 24-27	KONTAKT.IO	ANCHOR BEACON 2	
BTP.07	GATE 24-27	KONTAKT.IO	ANCHOR BEACON 2	
BTP.08 BTP.09	GATE 24-27 GATE 28-32	KONTAKT.IO KONTAKT.IO	ANCHOR BEACON 2 ANCHOR BEACON 2	
BTP.10	GATE 28-32	KONTAKT.IO	ANCHOR BEACON 2	
BTP.10	GATE 28-32	KONTAKT.IO	ANCHOR BEACON 2	
BTP.12	GATE 28-32	KONTAKT.IO	ANCHOR BEACON 2	
FDP.01	GATE 20-23	LG	32SM5KE	
FDP.02	GATE 20-23	LG	32SM5KE	
FDP.03	GATE 24-27	LG	32SM5KE	
FPD.04	GATE 24-27	LG	32SM5KE	
FPD.05	GATE 28-32	LG	32SM5KE	
FPD.06	GATE 28-32	LG	32SM5KE	
MPC.01	GATE 20-23		DMPS-2200	
MPC.02	GATE 20-23		DMPS-2200	
MPC.03 MPC.04	GATE 24-27 GATE 24-27	NOW MICRO NOW MICRO	DMPS-2200 DMPS-2200	
MPC.04	GATE 28-32	NOW MICRO	DMPS-2200	
MPC.06	GATE 28-32	NOW MICRO	DMPS-2200	
OSG.01	GATE 20-23	ZURN	ZGW-WRP-W1-ETH	
OSG.02	GATE 24-27	ZURN	ZGW-WRP-W1-ETH	
OSG.03	GATE 28-32	ZURN	ZGW-WRP-W1-ETH	
OSL.01	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.02	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.03	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.04	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.05	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.06 OSL.07	GATE 20-23 GATE 20-23	ZURN ZURN	Z-LIGHT-W1 Z-LIGHT-W1	
OSL.07 OSL.08	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.00	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.10	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.11	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.12	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.13	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.14	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.15	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.16	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.17	GATE 20-23	ZURN	Z-LIGHT-W1	
OSL.18 OSL.19	GATE 24-27 GATE 24-27	ZURN ZURN	Z-LIGHT-W1 Z-LIGHT-W1	
OSL.19 OSL.20	GATE 24-27 GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.20	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.22	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.23	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.24	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.25	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.26	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.27	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.28	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.29	GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.30	GATE 24-27 GATE 24-27	ZURN	Z-LIGHT-W1	
OSL.31 OSL.32	GATE 24-27 GATE 24-27	ZURN	Z-LIGHT-W1 Z-LIGHT-W1	
OSL.32	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.34	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.35	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.36	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.37	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.38	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.39	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.40	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.41	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.42	GATE 28-32	ZURN	Z-LIGHT-W1	
OSL.43 OSL.44	GATE 28-32 GATE 28-32	ZURN ZURN	Z-LIGHT-W1 Z-LIGHT-W1	
05L.44 0SL 45	GATE 28-32 GATE 28-32	ZURN	Z-LIGHT-W1	
A 11 4 1	1 1 1 H 1 I T 2 C - 2 2			

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