

THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

Owner

JPS Health Network 1500 S. Main Street Fort Worth, TX 76104

PHONE: 817.702.3554 FAX: ATT: Ivy Yang Lou Mattingly

IYang01@jpshealth.org LMattingly@jpshealth.com

Architect

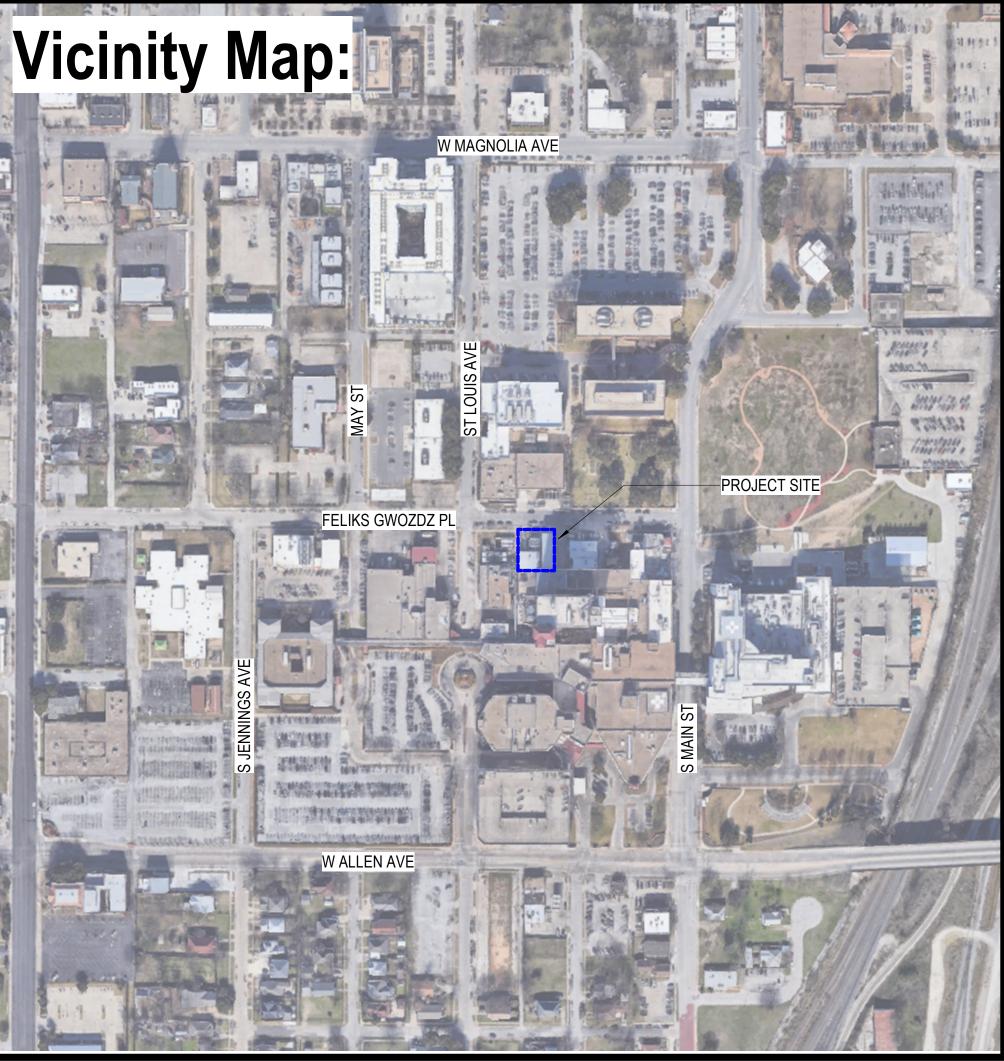
Beck Architecture, LLC 810 Hemphill Street Fort Worth, TX 76104

PHONE: FAX:	817-255-7800
ATT:	Andrew Doran Mike Czap

andrewdoran@beckarchitecture.com michaelczap@beckarchitecture.com

MEP

CFI Co Consulting Engineers						
500 N. Akard St. Suite 2300						
Dallas, TX	75201					
PHONE: FAX:	469.501.2360					
ATT:	Jeff Musser					
EMAIL:	Wes Garza - Mech James Thibodeaux imusser@cficompanies.com wgarza@cficompanies.com jthibodeaux@cficompanies.com					



General Notes:

- CONSTRUCTION SHALL BE IN COMPLIANCE WITH ALL CODES LISTED IN "CODE INFORMATION ALL WORK RELATING TO THIS CONSTRUCTION SHALL COMPLY WITH U.S. DEPARTMENT OF LABOR, THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL RELATED LOCAL BUILDING CODES AND ORDINANCES
- DO NOT SCALE THE DOCUMENTS ALL DIMENSIONS ARE TO BE FIELD VERIFIED AND BACK CHECKED FOR CORRECTNESS. IF ANY DEVIATIONS OR DISCREPANCIES OCCUR. CONTACT THE ARCHITEC FOR VERIFICATION PRIOR TO PROCEEDING WITH THE WORI
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CAREFULLY REVIEW THE DRAWINGS. SPECIFICATIONS. DETAI EGARDING THE SCOPE OF THE WORK INTENDED PRIOR TO PROCEEDING WITH THE WORK
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL BUILDING MANAGEMENT SYSTEMS. SECURITY SYSTEMS. AND LOCKING HARDWARE WITH THE OWNER PRIOR T INSTALLATION, SECURITY SYSTEM EQUIPMENT FURNISHED BY OWNER. ALL CONDUIT AND BOXES BY FLECTRICAL SUBCONTRACTO
- ALL WOOD INDICATED IN THESE DOCUMENTS IS TO BE TREATED FOR
- PLYWOOD AT PARAPETS INTERIOR DIMENSIONS ARE FROM FACE OF GYP. BOARD TO FACE OF GYP. BOARD UNLESS NOTED OTHER
- APPLICABLE CODES FOR REQUIRED HOUR FIRE RATED CONSTRUCTIO
- ALL MATERIALS SHALL BE INSTALLED ACCORDING TO INDUSTRY STANDARDS. ALL AGENCIES OR "STANDARD" RECOMMENDATIONS REFERENCED IN THE SPECIFICATIONS. OR MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES. WHICHEVER IS THE MOST HIGH QUALITY PROJECT
- VERIEV SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE INSTALLED OR RELOCATED (WHETHER, EL CONTRACTOR(S)) BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN. ERRORS AND OMISSIONS IN THE ROOM. DOOR. WINDOW OR EQUIPMENT SCHEDULES OO NOT RELIEVE THE CONTRACTORS FROM EXECUTING WORK SHOWN ON DRAWINGS OR DESCRIBED IN THE SPECIFICATION
- INVOLVED.
- ELECTRICAL AND STRUCTURAL ITEMS SHALL BE VERIFIED BEFORE CEILING CONSTRUCTION IS BEGUN.
- PROVIDED FOR ALL EQUIPMENT ITEMS.
- STRINGENT, SHALL BE COMPLIED WITH. NOTIFY THE ARCHITECT IN WRITING OF ANY CONFLICTS.
- 18. DEMOLITION WORK IS INDICATED THROUGHOUT THE DOCUMENTS AND IS NOT NECESSARILY LIMITED TO THE DEMOLITION DRAWINGS. 19. THE CONTRACTOR REPRESENTS AND WARRANTS THAT IT HAS EXAMINED THE PLANS, DRAWINGS, SPECIFICATIONS AND ALL CONSTRUCTION CRITERIA OF OWNER AND
- 20. ALL PIPING, CONDUITS, WIRES, ETC. TO BE COORDINATED AND INSTALLED TIGHT TO STRUCTURE, ALIGNED AND STRAIGHT. VERIFY ROUTING WITH ARCHITECT BEFORE INSTALLTION.

IRDINATE THE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL AND ELECTRICAL WORK AND EQUIPMENT WITH ALL TRADE 15. CEILING HEIGHTS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE FINISH FLOOR ELEVATION. THE SIZE, LOCATION AND CHARACTERISTICS OF ALL MECHANICAL,

16. COORDINATE WITH ALL TRADES IN ORDER TO MAINTAIN SCHEDULED CEILING HEIGHTS. VERIFY THAT REQUIRED OPERATION AND MAINTENANCE CLEARANCES ARE

7. INSTALL ALL ITEMS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE THE MORE

HAS SATISFIED ITSELF THAT THE INFORMATION CONTAINED THEREIN IS SUFFICIENT TO FULLY AND COMPLETELY CONSTRUCT THE PROJECT.

DRAWING LIST					
Rev	Date	Sheet Num	Sheet Name		
General In	formation				
	12/01/21	G0.00	COVER SHEET		
•	12/01/21	G1.01	GENERAL AND CODE INFORMATION		
Architectu	re				
-	12/01/21	A2.10	FLOOR PLAN - LEVEL 1		
-	12/01/21	A5.11	REFLECTED CEILING PLAN - LEVEL 1		
	12/01/21	A6.01	DOOR SCHEDULE		
-	12/01/21	A6.02	PARTITION TYPES & DETAILS		
	12/01/21	A10.01	MILLWORK TYPE SCHEDULE AND NOTES		
-	12/01/21	A10.02	MILLWORK PLANS, ELEVATIONS & DETAILS		
-	12/01/21	A10.11	INTERIOR ELEVATIONS & SECTIONS		
-	12/01/21	A11.01	INTERIOR DETAILS		
Mechanica	al & Plumbing 12/01/21		MECHANICAL SYMBOLS & LEGENDS		
•	12/01/21	M0.01			
•	12/01/21	M2.01 M8.01	MECHANICAL LEVEL 1 PLAN MECHANICAL SCHEDULES & DETAILS		
•	12/01/21	P0.01	PLUMBING SYMBOLS, LEGENDS, AND GENERAL NOTES		
-	12/01/21	P2.00	PLUMBING STMBOLS, LEGENDS, AND GENERAL NOTES		
	12/01/21	P2.01	PLUMBING EVEL 1 PLAN		
-	12/01/21	P7.01	PLUMBING LEVEL 1 PLAN		
	12/01/21	P7.02	PLUMBING RISERS		
	12/01/21	P8.01	PLUMBING SCHEDULES		
	12/01/21	P9.01	PLUMBING DETAILS		
Electrical					
	12/01/21	E0.01	ELECTRICAL SYMBOLS & LEGENDS		
	12/01/21	E2.01	LIGHTING LEVEL 1 PLAN		
	12/01/21	E3.01	POWER LEVEL 1 PLAN		
	12/01/21	E8.01	ELECTRICAL SCHEDULES		
	12/01/21	E8.02	ELECTRICAL SCHEDULES		
-	12/01/21	10.02			

	ealth Network orth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Companie. Consulting Engineers	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300

DALLAS, TX 75201 PH: 469-501-2360

WWW.CFICOMPANIES.COM

HOYT HAMMER

ARCHITECT SEAL

12/2/2021 2:46:53 PM

CURRENT SUBMISSION							
#	DATE SUBMISSION						
-	12/01/21	CONSTRUCTION DOCUMENTS					

THERMAL PLANT INTERIOR IMPROVEMENT

DECOMMISSION_PH 3 THERMAL STORAGE

SHEET

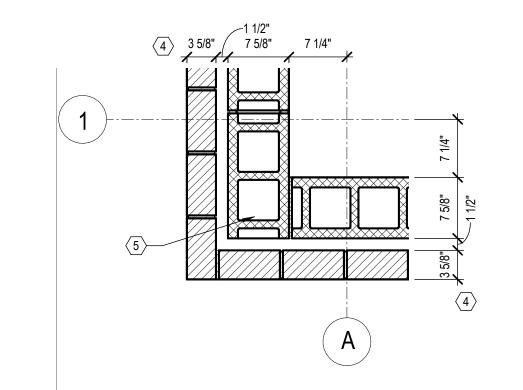
173284.52 JOB NO.

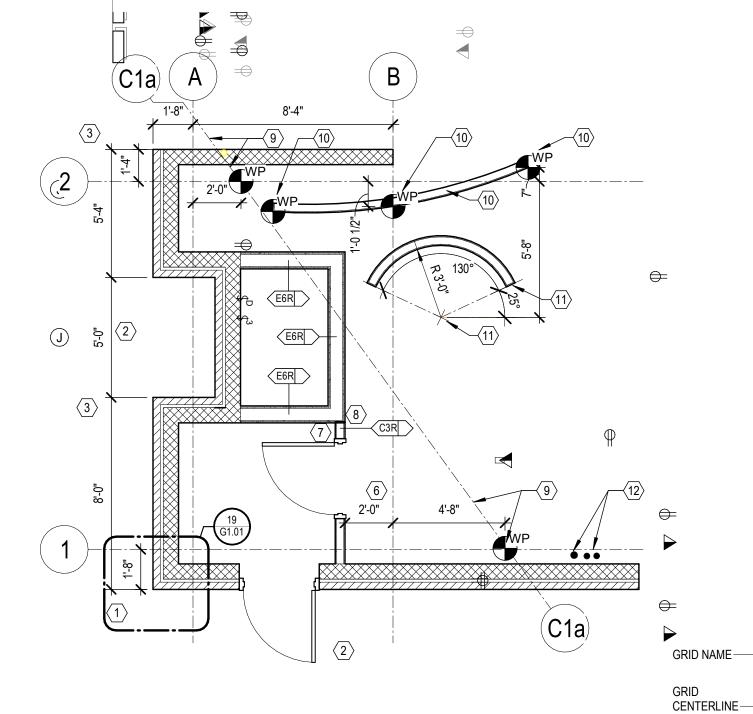
COVER SHEET

G0.00

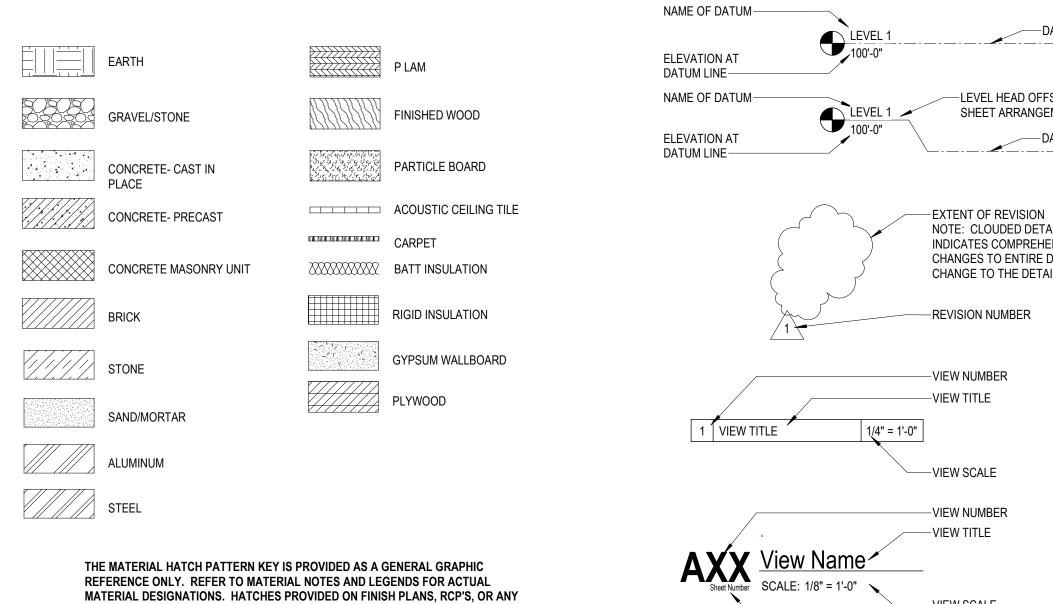
DIMENSIONING NOTES

MARK	NOTE
1	MASONRY PLAN DIMENSIONS ARE NOMINAL AT SCALES NOT SHOWING INDIVIDUAL MODULES
2	OPENINGS ARE NOMINAL MASONRY OPENINGS AT SCALES NOT SHOWING INDIVIDUAL MODULES
3	EXTERIOR WALL DIMENSIONS ARE TO FINISH FACE (SEE WALL SECTION) UNLESS NOTED OTHERWISE
4	DRAWINGS WITH INDIVIDUAL MODULAR UNITS SHOWN ARE DIMENSIONED TO ACTUAL SIZE.
5	AT LOCATIONS OF STRUCTURAL MASONRY, UNIT TYPE IS SHOWN AS REPRESENTATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL MASONRY CONSTRUCTION.
6	INTERIOR WALL DIMENSIONS ARE TO FINISH FACE OF PARTITION AS TAGGED, PER PARTITION SCHEDULE UNLESS NOTED OTHERWISE. ADDITIONAL FINISHES MAY EXIST. SEE FINISH PLAN.
7	WHERE DOORS ARE ADJACENT TO PERPENDICULAR WALLS, DIMENSION FROM FACE OF WALL TO EDGE OF FRAME IS 4 INCHES UNLESS NOTED OTHERWISE
8	WHERE WALLS OF VARYING FIRE AND/OR SMOKE RATING MEET OR INTERSECT, WALLS OF GREATER RATING SHALL RUN CONTINUOUS
9	ELEMENT POSITIONS BASED ON NON PARALLEL OR NON PERPENDICULAR RELATIONSHIPS TO OTHER ELEMENTS SHALL BE PLACED BY THE WORK POINTS DEFINED INCIDENTALLY FROM THE OTHER ELEMENTS.
10	RADIUSED ELEMENTS DEFINED BY MORE THAN 2 WORKPOINTS SHALL BE PLACED BY STRIKING AN ARC TANGENT TO ALL WORK POINTS. WHERE MORE THAN 3 WORKPOINTS ARE PRESENT, THE ARC AT EACH WORKPOINT SHALL BE TANGENT TO THE ADJACENT WORKPOINT ON EACH SIDE.
11	RADIUSED ELEMENTS DEFINED BY CENTERPOINTS, RADII, AND ANGLES SHALL BE PLACED BY MARKING THE CENTERPOINT AND ANGLE OFF THE OBJECTS THE DIMENSIONS ARE INCIDENT FROM.
12	OBJECTS AND INFORMATION SHOWN FROM OTHER TRADES IS FOR REFERENCE ONLY. OBJECTS AND INFORMATION SHOWN MAY NOT BE ALL INCLUSIVE. REFER TO THE APPROPRIATE CONSULTANTS DOCUMENTS FOR INFORMATION ON THESE SYSTEMS.
13	MASONRY COURSING LINES SHOWN IN ELEVATION REPRESENT NOMINAL DIMENSIONS. HORIZONTAL JOINT LINES ARE AT TOP OF MASONRY UNIT. VERTICAL JOINT LINES ARE AT CENTERLINE OF JOINT.





5 DIM GUIDE- PLAN SCALE: 1/4" = 1'-0"



SUPERCEDE THIS KEY. 4 DETAIL CUT PATTERNS SCALE: 1/4" = 1'-0"

OTHER DRAWING HAVING ITS OWN KEYED NOTATION AND GRAPHICAL LEGEND WILL

Building Code:	2015 INTERNATIONAL BUILDING CODE (IBC) w/ LOCAL AMMENDMENTS
lechanical Code:	2012 INTERNATIONAL MECHANICAL CODE (IMC) w/ LOCAL AMENDMENTS
Plumbing Code:	2015 INTERNATIONAL PLUMBING CODE (IPC) w/ LOCAL AMENDMENTS
Electric Code:	2018 NATIONAL ELECTRIC CODE (NEC) w/ LOCAL AMENDMENTS
ire Code:	2012 INTERNATIONAL FIRE CODE (IFC) w/ LOCAL AMENDMENTS
Energy Code:	2012 INTERNATIONAL ENERGY CONSERVATION CODE w/ LOCAL AMENDMENTS
uel Gas Code:	2012 INTERNATIONAL FUEL GAS CODE (IFGC) w/ LOCAL AMENDMENTS
.ocal Code:	2012 TEXAS ACCESSIBILITY STANDARDS
Other Code(s):	2012 OTHER CODE / STANDARD
	2012 OTHER CODE / STANDARD

2012 OTHER CODE / STANDARD

NEW BUILDING CONSTRUCTION TYPE: TYPE II-B (w/ APPROVED SPRINKLER SYSTEM) EXISTING BUILDING CONSTRUCTION TYPE: II-B

BUILDING NAME TYPE II-B PRIMARY STRUCTURAL FRAME 0 HR ພິຊ__ BEARING WALLS 0 HR

0 HR INTERIOR 0 HR हे हैं NONBEARING WALLS AND PARTITIONS - EXTERIOR See Table 602 NONBEARING WALLS AND PARTITIONS - INTERIOR 0 HR 0 HR FLOOR CONSTRUCTION AND SECONDARY MEMBERS ROOF CONSTRUCTION AND SECONDARY MEMBERS 0 HR ROOF SUPPORT RATING REDUCTION (Note a.):_____ ___ ___ ___ ___ N/A ROOF CONSTRUCTION ABOVE 20 FT RATING REDUCTION (Note b.):_____ N/A

HEAVY TIMBER ALLOWED (Note c.): _____ ___ ___ ___ ___ ___ ___ N/A AUTOMATIC SPRINKLER SYSTEM RATING REDUCTION (Note d.):_____ N/A

Rating tble 602)		FIRE SEPARATION DISTANCE	RATING
le 6	A. NORTH WALL	0"	0 HR
ice Rat (Table	B. EAST WALL	0"	0 HR
	C. SOUTH WALL	0"	0 HR
ista	D. WEST WALL	0"	0 HR
Ses	E. NORTHEAST WALL	0"	
Fire Resistar Requirements	F	0"	
Seq Fi	G.	0"	
	Н.	0"	

PRIMARY BUILDING OCCUPANCY: SECONDARY BUILDING OCCUPANCIES:

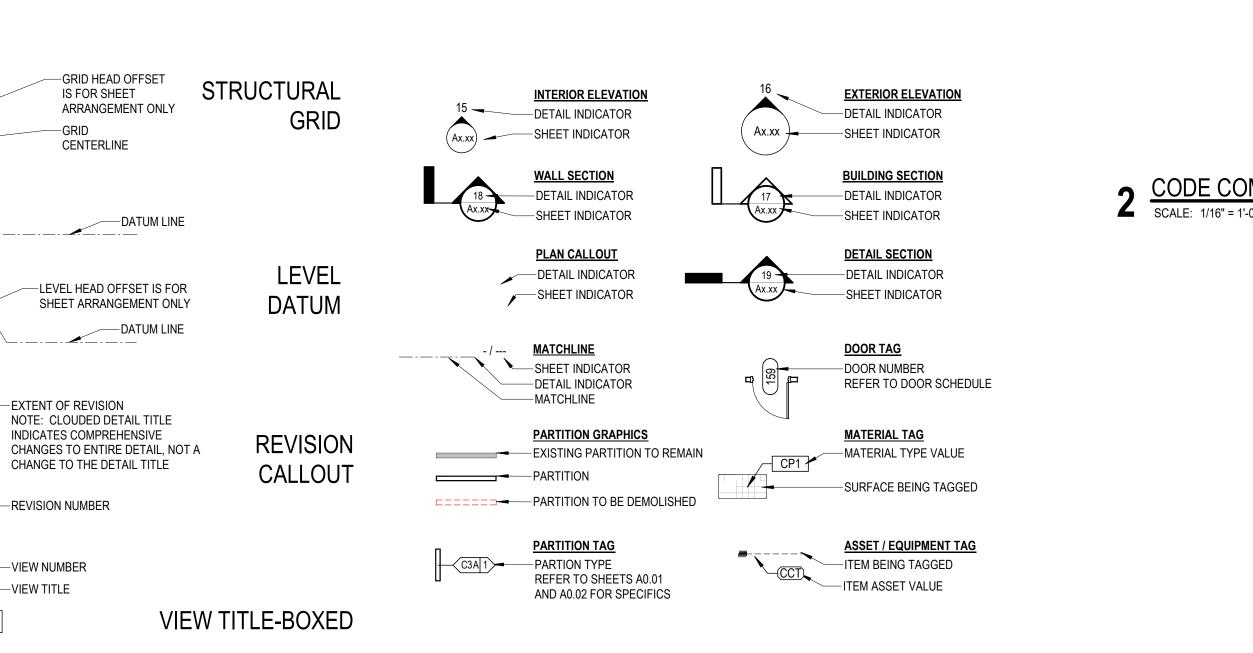
MIXED-USE SEPARATION:

ACCESSORY OCCUPANCIES __ __ __ NO NON-SEPARATED OCCUPANCIES ____ __ NO SEPARATED OCCUPANCIES (SEE TABLE) ____ NO

**SPECIAL PROVISIONS (PER IBC 510)_____ NO

SEPARATION REQUIREMENTS PER IBC TABLE 508.4				
В				
NOT REQUIRED				
	В	В	В	В

** SPECIAL PROVISIONS COMMENTARY NONE



VIEW TITLE-NO BOX

SHEET THAT VIEW IS ON

3 REFERENCE TAGS AND GRAPHICS SCALE: 1/8" = 1'-0"

Area Information		Area Per	OCCUPANT	WATER C	LOSETS	LAVA	TORIES	DRINKING
Area Occupancy Key	Area	Occupant	LOAD	MALE	FEMALE	MALE	FEMALE	FOUNTAINS
FIN. FLOOR								
Accessory Storage Areas, Mechanical equipment rooms	54 SF	300 SF	1	0.00	0.00	0.00	0.00	0.00
Assembly - Unconcentrated (tables & chairs)	1509 SF	15 SF	102	0.41	0.78	0.26	0.26	0.20
Business	1104 SF	100 SF	13	0.26	0.26	0.16	0.16	0.13
	2667 SF		116	0.67	1.04	0.42	0.42	0.33
ICE BUILDING L2								
Business	1100 SF	100 SF	13	0.26	0.26	0.16	0.16	0.13
	1100 SF		13	0.26	0.26	0.16	0.16	0.13
Plumbing Fixtures Required(round up to whole number)	3767 SF		129	0.93	1.30	0.58	0.58	0.46

BUILDING OCCUPANT LOADS PER LEVEL

Level FIN. FLOOR ICE BUILDING L2 Total Building Occupants:

	TRAVEL DISTANCE PATHS
PATH	LENGTH
P1	
P2	
P3	

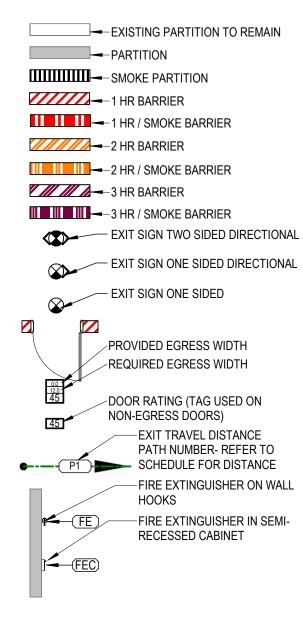
	CO
PATH	
D 1	

LIFE SAFETY NOTES

THE CODE COMPLIANCE / LIFE SAFETY DRAWINGS ARE FOR REFERENCE ONLY AND DO NOT INDICATE PROJECT SCOPE. THEY INDICATE ASSUMED CONFORMANCE OF EXISTING CONSTRUCTION TO APPLICABLE CODE AND/OR GOVERNING CODE AGENCIES' REQUIREMENTS BASED ON OWNER FURNISHED INFORMATION.

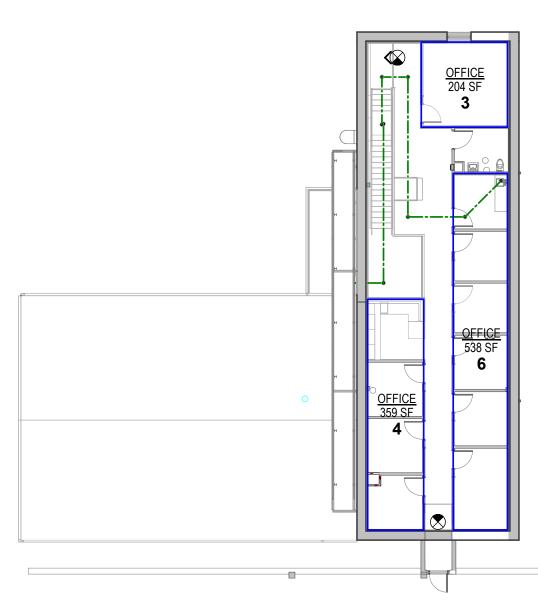
THEY ARE PROVIDED TO SHOW INTEGRATION OF NEW WORK WITH EXISTING CONSTRUCTION AS PART OF A COMPREHENSIVE FIRE/SMOKE BARRIER SYSTEM. LIFE SAFETY PLANS SHOULD NOT BE CONSTRUED TO MEAN VERIFICATION OF FIRE/SMOKE RATINGS OF EXISTING CONSTRUCTION. WHERE NEW AND REMODELED CONSTRUCTION OCCURS, AS INDICATED IN THE DRAWINGS, PARTITION FIRE AND SMOKE RATINGS MEET APPLICABLE CODE REQUIREMENTS FOR NEW CONSTRUCTION.

CODE COMPLIANCE GRAPHICS

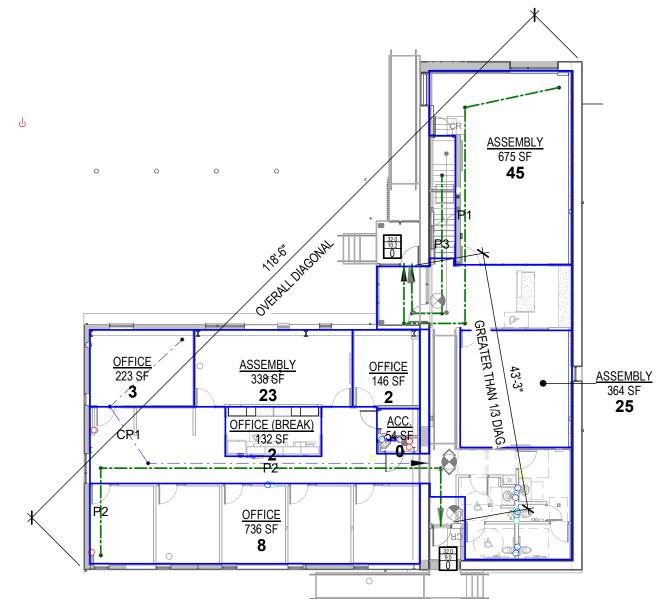


DMMON PATH OF EGRESS LENGTH

Total Occupants



2 <u>CODE COMPLIANCE AREA PLAN-LEVEL 2</u> NOTE: NO NEW WORK ON 2ND FLOOR THIS PROJECT SCALE: 1/16" = 1'-0"

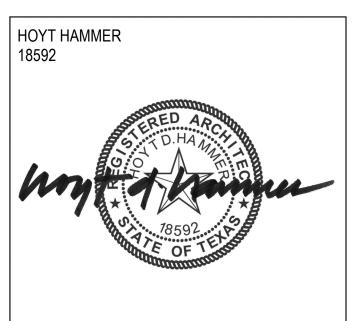


CODE COMPLIANCE AREA PLAN- LEVEL 1 SCALE: 1/16" = 1'-0"

	Health Network Worth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Compl Consulting Engineer	

PH: 469-501-2360

WWW.CFICOMPANIES.COM



ARCHITECT SEAL 12/1/2021 2:01:45 PM

CURRENT SUBMISSION		
#	DATE	SUBMISSION
-	12/01/21	CONSTRUCTION DOCUMENTS

THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

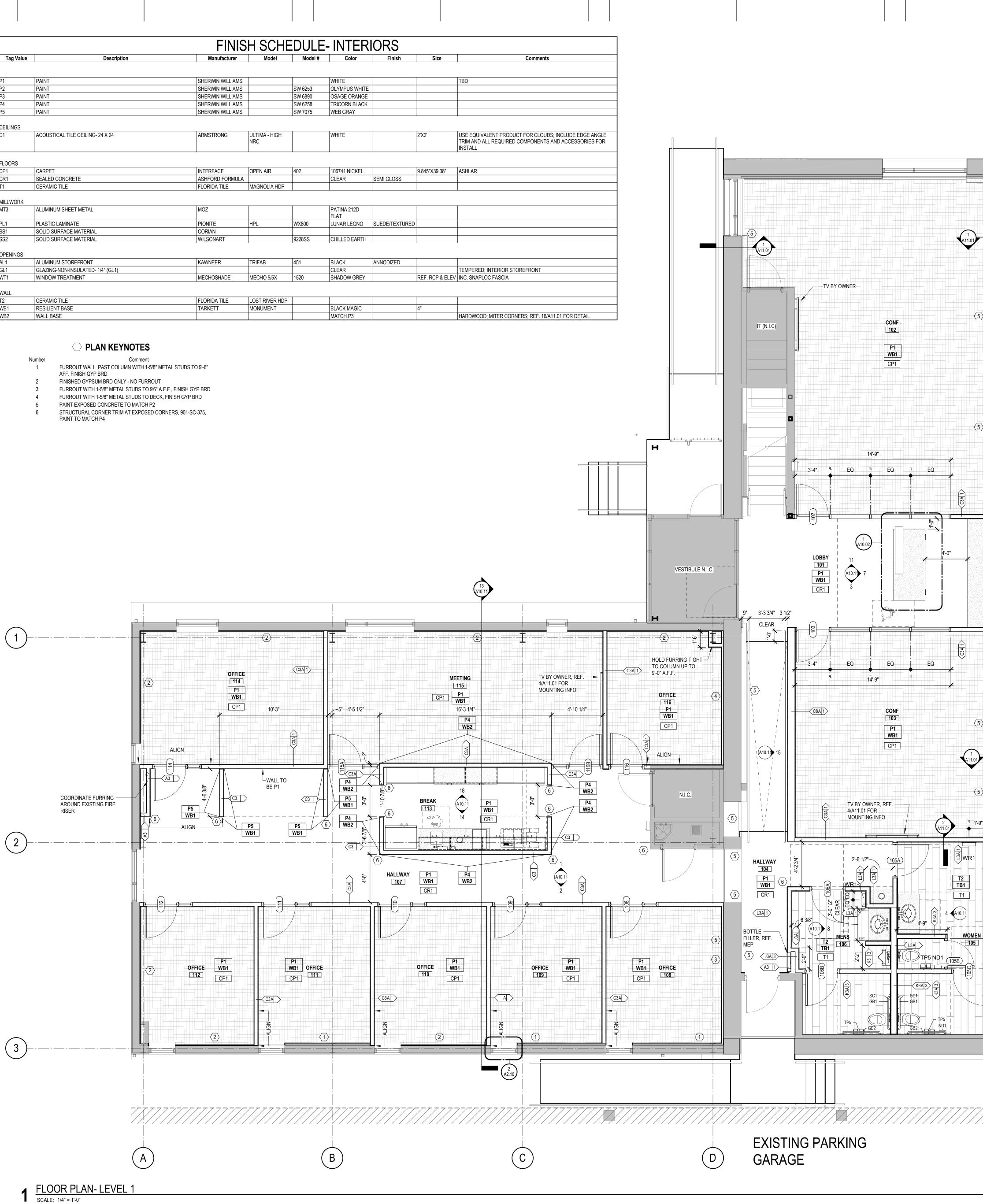
GENERAL AND CODE INFORMATION

173284.52	
JOB NO.	

G1.01 — SHEET

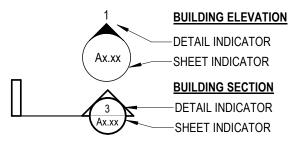
Tag Value	Description	Manufacturer	Model	Model #	Color	Finish	Size
P1	PAINT	SHERWIN WILLIAMS			WHITE		
P2	PAINT	SHERWIN WILLIAMS		SW 6253	OLYMPUS WHITE		
P3	PAINT	SHERWIN WILLIAMS		SW 6890	OSAGE ORANGE		
P4	PAINT	SHERWIN WILLIAMS		SW 6258	TRICORN BLACK		
P5	PAINT	SHERWIN WILLIAMS		SW 7075	WEB GRAY		
CEILINGS							
C1	ACOUSTICAL TILE CEILING- 24 X 24	ARMSTRONG	ULTIMA - HIGH NRC		WHITE		2'X2'
FLOORS				1			1
CP1	CARPET	INTERFACE	OPEN AIR	402	106741 NICKEL		9.845"X39.38
CR1	SEALED CONCRETE	ASHFORD FORMULA			CLEAR	SEMI GLOSS	
T1	CERAMIC TILE	FLORIDA TILE	MAGNOLIA HDP				
MILLWORK		· ·			•		
MT3	ALUMINUM SHEET METAL	MOZ			PATINA 212D FLAT		
PL1	PLASTIC LAMINATE	PIONITE	HPL	WX800	LUNAR LEGNO	SUEDE/TEXTURED	
SS1	SOLID SURFACE MATERIAL	CORIAN					
SS2	SOLID SURFACE MATERIAL	WILSONART		9228SS	CHILLED EARTH		
OPENINGS							
AL1	ALUMINUM STOREFRONT	KAWNEER	TRIFAB	451	BLACK	ANNODIZED	
GL1	GLAZING-NON-INSULATED- 1/4" (GL1)				CLEAR		
WT1	WINDOW TREATMENT	MECHOSHADE	MECHO 5/5X	1520	SHADOW GREY		REF. RCP &
WALL							
T2	CERAMIC TILE	FLORIDA TILE	LOST RIVER HDP				
		TARKETT			BLACK MAGIC	1	4"
WB1	RESILIENT BASE	TARKETT	MONUMENT		BLACK MAGIC		4

- PAINT EXPOSED CONCRETE TO MATCH P2





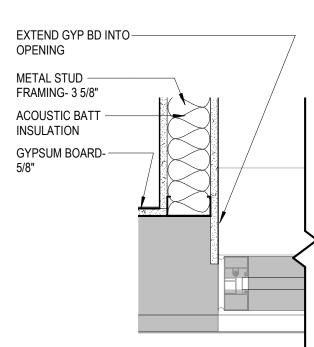
- 2. REFER TO DOOR TAGS, REFER TO A6.01 SERIES FOR DOOR SCHEDULE AND DOOR INFORMATION.
- 3. DIMENSIONS SHOWN ARE TO THE FACE OF PARTITION (AS SHOWN IN THE PARTITION TYPES, EXLUDING APPLIED FINISHES SHOWN ON FINISH PLANS), UNO. DIMENSIONS MARKED WITH CLARE TO CENTERLINE OF OBJECT..
- 4. WHERE PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION, FACE OF PARTITION (AS SHOWN IN THE PARTITION TYPES, EXCLUDING APPLIED FINISHES SHOWN ON FINISH PLANS) SHALL ALIGN WITH THE FACE OF EXISTING PARTITION, UNO. WHERE DISSIMILAR PARTITIONS INTERSECT, REFER TO A6.02 FOR JOINERY DETAILS AND PROVISIONS FOR MAINTAINING PRIORTY WALL CONTINUITY.
- 5. INTERSECTING PARTITIONS INTERSECT AT 90 DEGREE ANGLES, UNO. REFER TO AREA PLANS OR ENLARGED PLANS FOR ANGULAR DIMENSIONS. WHERE NO ANGULAR DIMENSION IS GIVEN, PARTITONS ARE PARALLEL TO STRUCTURAL GRID LINES AND/OR OTHER PARTITIONS THAT THEY ARE DIMENSIONED TO, UNLESS NOTED OR DIMENSIONED OTHERWISE.
- 6. FLOORING TRANSITIONS AT DOOR FRAMES SHALL BE CENTERED ON DOOR PANEL UNO
- 7. REFER TO A10.01 FOR TRANSITION DETAILS. TRANSITIONS BETWEEN DISPARATE KINDS OF FLOORING MATERIALS WILL HAVE A TRANSITION DETAIL, UNO.
- 8. FLOORING MATERIAL SHALL CONTINUE UNDER ALL CASEWORK/MILLWORK UNO
- 9. PAINT ALL FIRE EXTINGUISHER CABINETS, GRILLES, ACCESS PANELS, ETC TO MATCH ADJACENT FINISHES, UNO
- 10. ALL VERTICAL SURFACES OF MILLWORK TO BE PL1 UNLESS NOTED OR TAGGED OTHERWISE
- 11. ALL HORIZONTAL SURFACES OF MILLWORK TO BE SS1 UNLESS NOTED OR TAGGED OTHERWISE 12. ALL PLAM DOORS AND DRAWERS TO BE PL1, UNO
- 13. PTM (PATCH-TO-MATCH) AND MAINTAIN ALL FIRE & SMOKE RATINGS FOR PARTITIONS WHERE PIPES, CONDUITS,
- DUCTS, ETC., HAVE BEEN REMOVED.
- 14. PTM 1ST FLOOR CEILINGS AND / OR OTHER BUILDING ELEMENTS AS REQUIRED DUE TO WORK ON OTHER FLOORS (PIPING, CONDUITS, DUCTWORK, ETC.).
- 15. SHADED AREAS DENOTE GENERAL LIMITS OF CONSTRUCTION WITH NO WORK EXCEPT AS REQUIRED BY MEP WORK. 16. PTM (PATCH-TO-MATCH) AND MAINTAIN ALL FIRE & SMOKE RATINGS FOR PARTITIONS WHERE PIPES, CONDUITS, DUCTS, ETC., HAVE BEEN REMOVED.
- 17. PTM 1ST FLOOR CEILINGS AND / OR OTHER BUILDING ELEMENTS AS REQUIRED DUE TO WORK ON OTHER FLOORS
- (PIPING, CONDUITS, DUCTWORK, ETC.). 18. SHADED AREAS DENOTE GENERAL LIMITS OF CONSTRUCTION WITH NO WORK EXCEPT AS REQUIRED BY MEP WORK.

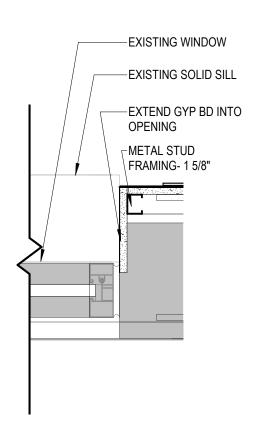


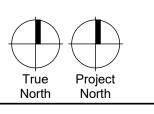
-DETAIL INDICATOR -SHEET INDICATOR EXISTING CONSTRUCTION TO REMAIN

PARTITION

EXISTING PARKING GARAGE RAMP



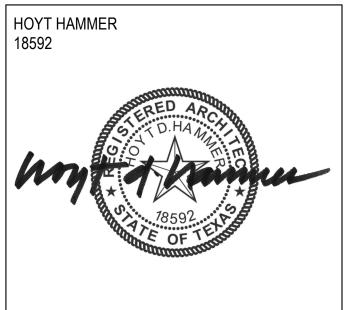




2 WINDOW DETAIL, TYP. SCALE: 1 1/2" = 1'-0"

	Health Network Worth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Compation Consulting Engineers	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300 DALLAS, TX 75201

PH: 469-501-2360 WWW.CFICOMPANIES.COM _____



12/2/2021 2:43:14 PM ARCHITECT SEAL

CURRENT SUBMISSION			
DATE	SUBMISSION		
12/01/21	CONSTRUCTION DOCUMENTS		
	DATE		

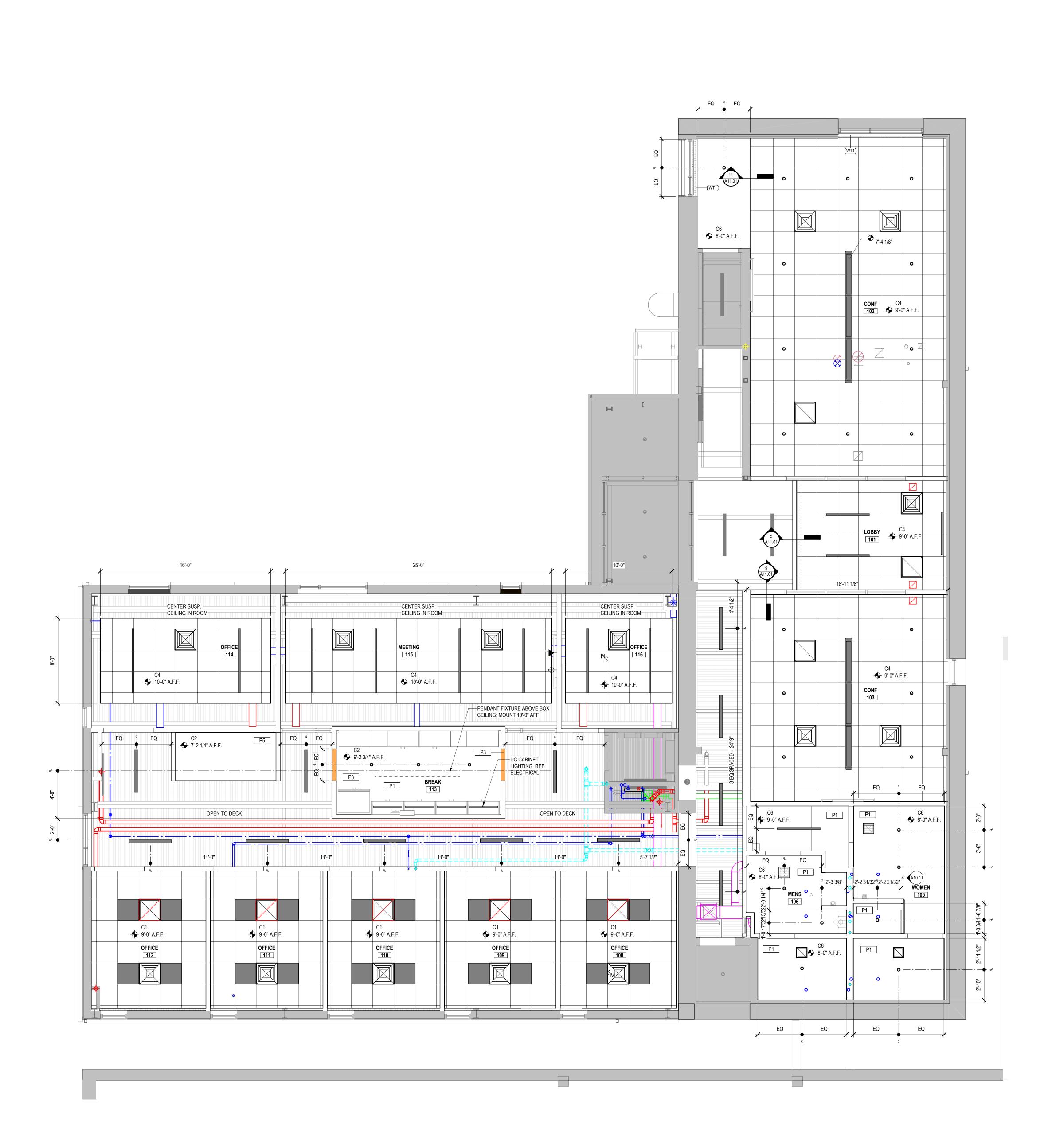
THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

FLOOR PLAN - LEVEL 1

173284.52	A2.10
JOB NO.	SHEET

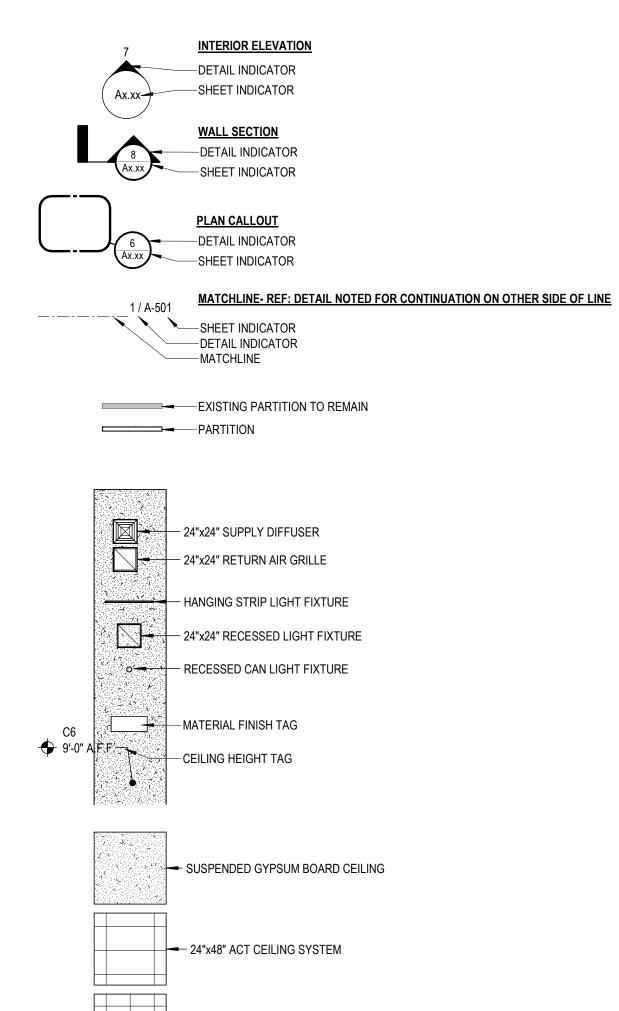
 REFLECTED CEILING PLAN - LEVEL 1

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





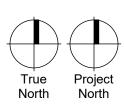
- 1. REFER TO A2.xx SERIES SHEETS FOR FINISH PLANS AND FINISH LEGEND.
- 2. LIGHT FIXTURES, AIR TERMINALS AND GRILLES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF: MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE, AIR TERMINAL AND GRILLE TYPES AND SPECIFICATIONS. NOT ALL FIXTURES MAY BE SHOWN ON ARCHTECTURAL REFLECTED CEILING PLANS
- ACCESS PANELS TO BE INSTALLED IN NON-ACCESSIBLE CEILINGS WHERE ACCESS IS REQUIRED TO SERVICE, MAINTAIN, OR ADJUST MECHANICAL OR ELECTRICAL FIXTURES ABOVE CEILING. ACCESS PANELS MAY NOT BE SHOWN IN ARCHITECTURAL REFLECTED CEILING PLANS. PAINT ALL ACCESS PANELS TO MATCH ADJACENT CEILING FINISH UNO
 CEILING ELEVATIONS ARE MEASURED OFF ASSOCIATED FLOOR ELEVATIONS.
- 5. LIGHT FIXTURES, AIR TERMINALS (EXCEPT LINEAR SLOTS), GRILLES (EXCEPT LINEAR SLOTS), EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES, SPRINKLERS, AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR. LINEAR SLIGHT DEVICES SHALL BE ALIGNED TO EDGE OF TILE. REF: MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED.
- 6. FOR SUSPENDED LIGHT FIXTURES AT 2ND FLOOR, PROVIDE SUPPLMENETAL UNISTRUT P1000 FRAMING SUPPORTS W/ CHANNEL NUTS & SPRINGS AND ACCESSORIES TO SUSPEND FIXTURES. ATTACH TO BOTTOM OF EXISTING PURLINS ABOVE W/ 1/4" BOLTS & PAINT TO MATCH PURLINS. COORDINATE UNISTRUT LAYOUT TO BE ORTHOGONAL WITH CONSISTENT APPEARANCE BETWEEN LIGHT FIXTURES.
- 7. SHADED AREAS INDICATE GENERAL LIMITS OR WORK. REMOVE & REPLACE EXISTING CEILINGS & DECORATIVE ACOUSTICAL PANELS / ELEMENTS AS REQUIRED FOR OVERHEAD MEP WORK.



	- 24"x24" ACT CEILING SYSTEM ON METAL STUDS
	- 24 X24 ACT CEILING STSTEW ON WETAL STUDS

CEILING SCHEDULE		
Туре	Description	
C1	24"x24" ACT CEILING SYSTEM ON METAL STUDS	
C2	GYPSUM BOARD CEILING ON METAL STUDS	
C4	24"x24" ACT SUSPENDED CEILING SYSTEM	
C6	SUSPENDED GYPSUM BOARD CEILING	

*NOTE: ALTERNATE FOR 114 OFFICE, 115 MEETING, AND 116 OFFICE TO BE 1" TECTUM DIRECT-ATTACH CEILING WITH AXIOM TRIM AND ALL REQUIRED COMPONENTS AND ACCESSORIES FOR INSTALLATION. CEILING TO BE PAINTED TO MATCH P5.



JES	JPS Health Network Fort Worth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
100	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300 DALLAS, TX 75201

PH: 469-501-2360

WWW.CFICOMPANIES.COM

HOYT HAMMER 18592

ARCHITECT SEAL 12/2/2021 2:47:18 PM

CURRENT SUBMISSION			
#	DATE	SUBMISSION	
-	12/01/21	CONSTRUCTION DOCUMENTS	
<u> </u>			

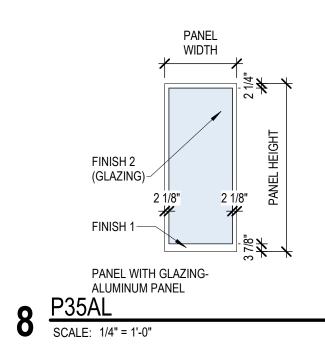
THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

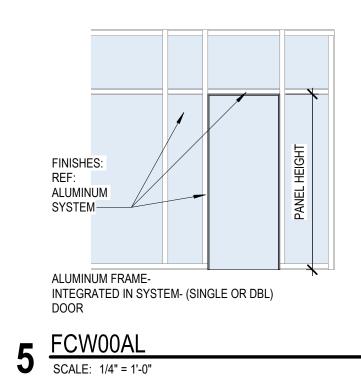
REFLECTED CEILING PLAN - LEVEL 1

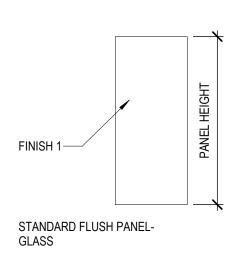
173284.52	A5.11
JOB NO.	SHEET

_____ _____ _____ _____ _____ _____ _____ _____

										DC	DOR	SCH	IEDL	JLE			
	Door				Panels						Fra	me					
ar	Rating (Minutes)	er of Panels	Panel 1 Type	Widths		-	2	Depth	rame Type	[ype	Type	Threshold Type	lamb Width	lead Height	-	Hardware Set	
Number	Rating	Number	Panel	Panel	Height	Finish 1	Finish 2	Frame	Frame	Head Type	Jamb Type	Thresh	Jamb \	Head F	Finish 1	Hardw	Comments
02		1	P35AL	3'-0"	7'-6"	AL1	GL1	4 3/4"	FCW00AL				0"	0"	AL1		190 NARROW STILE; MANUF. CONTINUOUS HINGES, NORTON 1301 CLOSER ON PULL SIDE, CO-12 PULLS; FINISH TO MATCH AL1
03		1	P35AL	3'-0"	7'-6"	AL1	GL1	4 3/4"	FCW00AL				0"	0"	AL1		190 NARROW STILE; MANUF. CONTINUOUS HINGES, NORTON 1301 CLOSER ON PULL SIDE, CO-12 PULLS; FINISH TO MATCH AL1
05A		1	P00WD	3'-0"	7'-0"	PL1		4 7/8"	F00HM				2"	2"	P4	4.0	
05B		1	P00WD	2'-6"	7'-0"	PL1		3 3/4"	F00HM				2"	2"	P4	3.0.	
)5C		1	P00WD	3'-0"	7'-0"	PL1		5 3/4"	F00HM				2"	2"	P4	2.0	
)6A		1	P00WD	3'-0"	7'-0"	PL1		4 7/8"	F00HM				2"	2"	P4	5.0	
)6B		1	P00WD	3'-0"	7'-0"	PL1		5 3/4"	F00HM				2"	2"	P4	2.0	
8		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
9		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
0		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
1		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
2		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
4		1	P00WD	3'-0"	7'-0"	PL1	GL1	4 7/8"	F21HM				2"	2"	P4	1.0	
15A		1	P35AL	3'-0"	7'-0"	AL1	GL1	4 3/4"	FCW00AL				0"	0"	AL1		190 NARROW STILE; MANUF. CONTINUOUS HINGES, NORTON 1301 CLOSER ON PULL SIDE, CO-12 PULLS; FINISH TO MATCH AL1
15B		1	P35AL	3'-0"	7'-0"	AL1	GL1	4 3/4"	FCW00AL				0"	0"	AL1		190 NARROW STILE; MANUF. CONTINUOUS HINGES, NORTON 1301 CLOSER ON PULL SIDE, CO-12 PULLS; FINISH TO MATCH AL1
16		1	P00WD	3'-0"	7'-0"	PL1		4 7/8"	F00HM				2"	2"	P4	1.0	



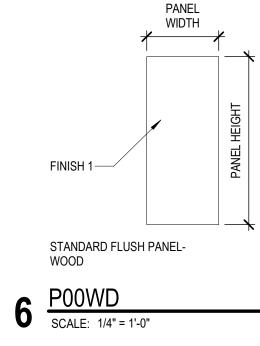


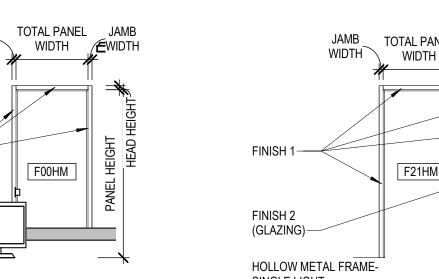


JAMB

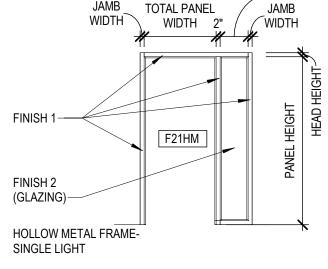
F00HM





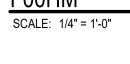


3 F21HM SCALE: 1/4" = 1'-0"

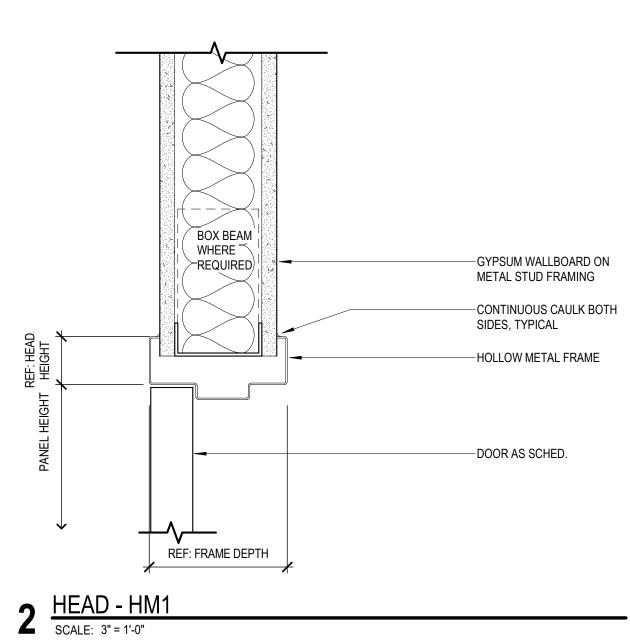


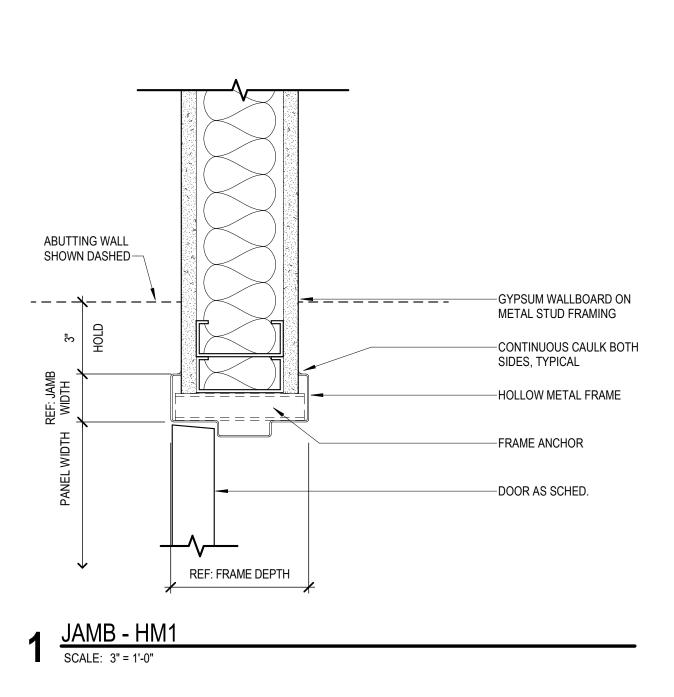


FINISH 1



HOLLOW METAL FRAME-STANDARD





	ealth Network rth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Companies Consulting Engineers	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300 DALLAS, TX 75201 PH: 469-501-2360 WWW.CFICOMPANIES.COM

HOYT HAMMER 18592

ARCHITECT SEAL

12/1/2021 2:01:27 PM

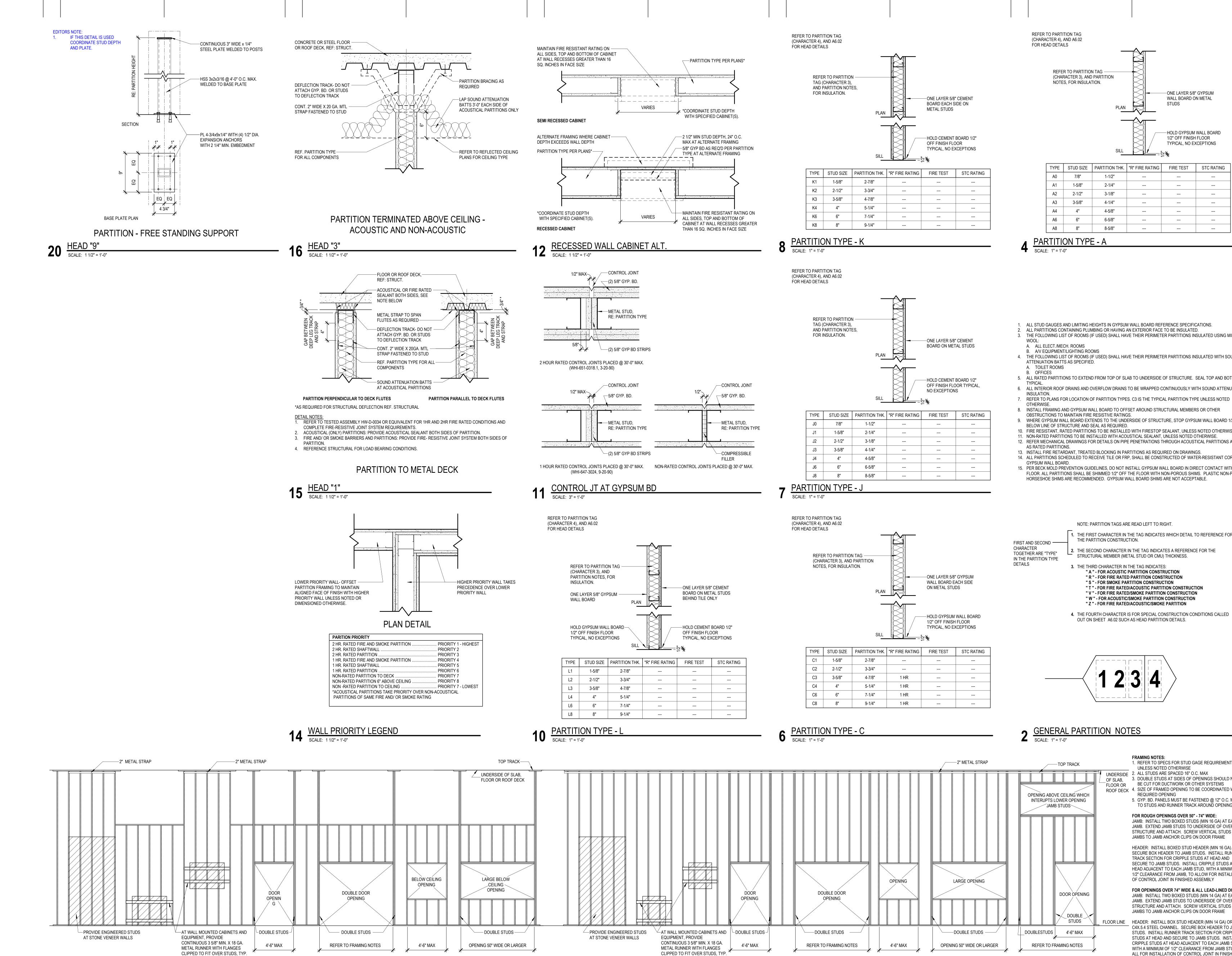
СІ	CURRENT SUBMISSION						
#	DATE 12/01/21	SUBMISSION CONSTRUCTION DOCUMENTS					

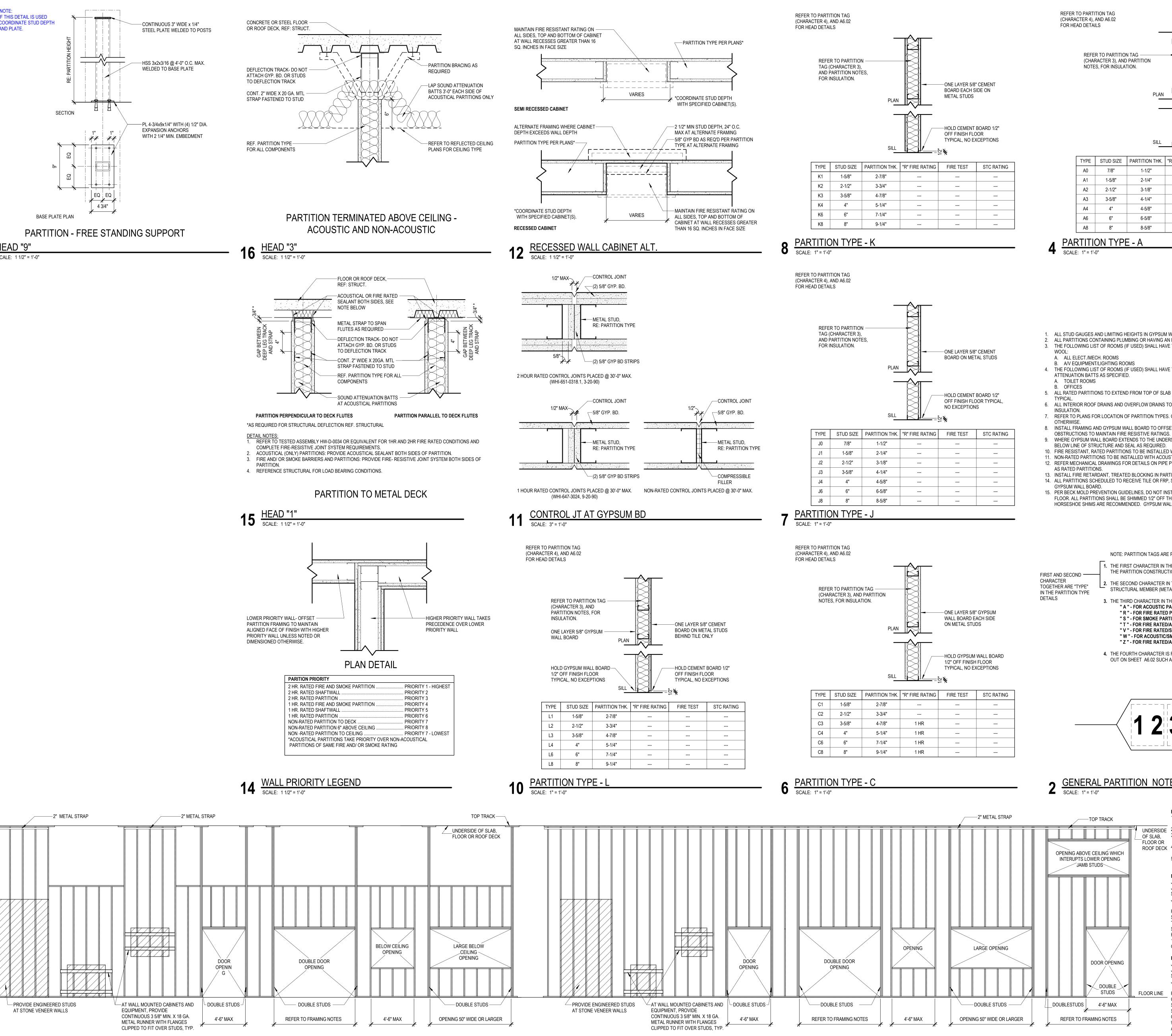
THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

DOOR SCHEDULE

173284.52	
JOB NO.	

A6.01 —





PARTITION FRAMING DETAILS SCALE: 1/4" = 1'-0"

			← N	
) SIZE	PARTITION THK.	"R" FIRE RATING	FIRE TEST	STC RATING
5/8"	2-7/8"			
1/2"	3-3/4"			
5/8"	4-7/8"			
! "	5-1/4"			
6"	7-1/4"			
3"	9-1/4"			
YPE	K			

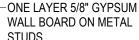
) SIZE	PARTITION THK.	"R" FIRE RATING	FIRE TEST	STC RATING
5/8"	2-7/8"			
1/2"	3-3/4"			
5/8"	4-7/8"	1 HR		
4"	5-1/4"	1 HR		
6"	7-1/4"	1 HR		
8"	9-1/4"	1 HR		
	•			

- FRAMING NOTES:
 - 1. REFER TO SPECS FOR STUD GAGE REQUIREMENTS UNLESS NOTED OTHERWISE
- UNDERSIDE 2. ALL STUDS ARE SPACED 16" O.C. MAX 3. DOUBLE STUDS AT SIDES OF OPENINGS SHOULD NOT BE CUT FOR DUCTWORK OR OTHER SYSTEMS ROOF DECK 4. SIZE OF FRAMED OPENING TO BE COORDINATED WITH
 - REQUIRED OPENING 5. GYP. BD. PANELS MUST BE FASTENED @ 12" O.C. MAX. TO STUDS AND RUNNER TRACK AROUND OPENINGS.
 - FOR ROUGH OPENINGS OVER 50" 74" WIDE: JAMB: INSTALL TWO BOXED STUDS (MIN 16 GA) AT EACH JAMB. EXTEND JAMB STUDS TO UNDERSIDE OF OVERHEAD STRUCTURE AND ATTACH. SCREW VERTICAL STUDS AT JAMBS TO JAMB ANCHOR CLIPS ON DOOR FRAME
 - HEADER: INSTALL BOXED STUD HEADER (MIN 16 GA). SECURE BOX HEADER TO JAMB STUDS. INSTALL RUNNER TRACK SECTION FOR CRIPPLE STUDS AT HEAD AND SECURE TO JAMB STUDS. INSTALL CRIPPLE STUDS AT HEAD ADJACENT TO EACH JAMB STUD, WITH A MINIMUM OF
 - 1/2" CLEARANCE FROM JAMB, TO ALLOW FOR INSTALLATION OF CONTROL JOINT IN FINISHED ASSEMBLY FOR OPENINGS OVER 74" WIDE & ALL LEAD-LINED DOORS JAMB: INSTALL TWO BOXED STUDS (MIN 14 GA) AT EACH JAMB. EXTEND JAMB STUDS TO UNDERSIDE OF OVERHEAD STRUCTURE AND ATTACH. SCREW VERTICAL STUDS AT
- JAMBS TO JAMB ANCHOR CLIPS ON DOOR FRAME FLOOR LINE HEADER: INSTALL BOX STUD HEADER (MIN 14 GA) OR C4X.5.4 STEEL CHANNEL. SECURE BOX HEADER TO JAMB STUDS. INSTALL RUNNER TRACK SECTION FOR CRIPPLE STUDS AT HEAD AND SECURE TO JAMB STUDS. INSTALL CRIPPLE STUDS AT HEAD ADJACENT TO EACH JAMB STUD, WITH A MINIMUM OF 1/2" CLEARANCE FROM JAMB STUD TO ALL FOR INSTALLATION OF CONTROL JOINT IN FINISHED ASSEMBLY.

- OUT ON SHEET A6.02 SUCH AS HEAD PARTITION DETAILS.

- NOTE: PARTITION TAGS ARE READ LEFT TO RIGHT. 1. THE FIRST CHARACTER IN THE TAG INDICATES WHICH DETAIL TO REFERENCE FOR THE PARTITION CONSTRUCTION.
- 14. ALL PARTITIONS SCHEDULED TO RECEIVE TILE OR FRP, SHALL BE CONSTRUCTED OF WATER-RESISTANT CORE 15. PER BECK MOLD PREVENTION GUIDELINES, DO NOT INSTALL GYPSUM WALL BOARD IN DIRECT CONTACT WITH THE FLOOR. ALL PARTITIONS SHALL BE SHIMMED 1/2" OFF THE FLOOR WITH NON-POROUS SHIMS. PLASTIC NON-POROUS HORSESHOE SHIMS ARE RECOMMENDED. GYPSUM WALL BOARD SHIMS ARE NOT ACCEPTABLE.
- 13. INSTALL FIRE RETARDANT, TREATED BLOCKING IN PARTITIONS AS REQUIRED ON DRAWINGS.
- WHERE GYPSUM WALL BOARD EXTENDS TO THE UNDERSIDE OF STRUCTURE, STOP GYPSUM WALL BOARD 1/2" 0. FIRE RESISTANT, RATED PARTITIONS TO BE INSTALLED WITH FIRESTOP SEALANT, UNLESS NOTED OTHERWISI NON-RATED PARTITIONS TO BE INSTALLED WITH ACOUSTICAL SEALANT, UNLESS NOTED OTHERWISE. 12. REFER MECHANICAL DRAWINGS FOR DETAILS ON PIPE PENETRATIONS THROUGH ACOUSTICAL PARTITIONS AS WELL
- INSTALL FRAMING AND GYPSUM WALL BOARD TO OFFSET AROUND STRUCTURAL MEMBERS OR OTHER
- 7. REFER TO PLANS FOR LOCATION OF PARTITION TYPES. C3 IS THE TYPICAL PARTITION TYPE UNLESS NOTED
- 6. ALL INTERIOR ROOF DRAINS AND OVERFLOW DRAINS TO BE WRAPPED CONTINUOUSLY WITH SOUND ATTENUATION

- 5. ALL RATED PARTITIONS TO EXTEND FROM TOP OF SLAB TO UNDERSIDE OF STRUCTURE. SEAL TOP AND BOTTOM
- 4. THE FOLLOWING LIST OF ROOMS (IF USED) SHALL HAVE THEIR PERIMETER PARTITIONS INSULATED WITH SOUND
- 3. THE FOLLOWING LIST OF ROOMS (IF USED) SHALL HAVE THEIR PERIMETER PARTITIONS INSULATED USING MINERAL
- 1. ALL STUD GAUGES AND LIMITING HEIGHTS IN GYPSUM WALL BOARD REFERENCE SPECIFICATIONS. ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE TO BE INSULATED.
- ------------------------
- TYPE STUD SIZE PARTITION THK. "R" FIRE RATING FIRE TEST STC RATING --- ---------------------------------------
- -ONE LAYER 5/8" GYPSUM STUDS -HOLD GYPSUM WALL BOARD 1/2" OFF FINISH FLOOR TYPICAL, NO EXCEPTIONS



	Health Network /orth, Texas
BEC<	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Compani Consulting Engineers	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300 DALLAS TX 75201

DALLAS, TX 75201 PH: 469-501-2360

WWW.CFICOMPANIES.COM

HOYT HAMMER 18592

ARCHITECT SEAL

12/1/2021 2:01:28 PM

# DATE SUBMISSION - 12/01/21 CONSTRUCTION DOCUMENTS - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	CURRENT SUBMISSION						
- 12/01/21 CONSTRUCTION DOCUMENTS							

THERMAL PLANT **DECOMMISSION PH 3** THERMAL STORAGE INTERIOR **IMPROVEMENT**

PARTITION TYPES & DETAILS

173284.52	A6.02
JOB NO.	SHEET

			BAS	SE AND F	FULL HE	EIGHT C	CABINETS	6				
		CABINET TYPE		CABINET SIZE			OPENING	HEIGHTS		TOE	KICK	
DETAIL	CONFIGURATION	DESCRIPTION	DEPTH	WIDTH	HEIGHT	A	В	С	D	DEPTH	HEIGHT	COMMENT
	04.044			0/48							40	
	34x24A	END PANEL	2'-0"	3/4"	2'-10"	2'-4 1/2"	41.40.4/01		3"		4"	
	30x34x24A		2'-0"	2'-6"	2'-10"	6"	1'-10 1/2"		3"		4"	
	36x34x18A		1'-6"	3'-0"	2'-10"	6"	1'-10 1/2"		3"		4"	
	18x34x24A	BASE CABINET-WASTE	2'-0"	1'-6"	2'-10"	2'-4 1/2"			3"		4"	
	34x18x24A	BASE CABINET-WASTE	1'-5"	1'-11"	2'-10"	2'-4 1/2"			3"		4"	
-	36x34x24A		2'-0"	3'-0"	2'-10"	5 1/2"					4"	WIDTH VARIES PER CONDITION. REF. PLANS
	45x34x24A		2'-0"	3'-9"	2'-10"	5 1/2"					4"	
	24x34x24A	BASE CABINET-PRINTER SHELF AND DRAWER	2'-0"	2'-0"	2'-10"	1'-7 1/2"	9"		3"		4"	
	18x96x18A	FULL CABINET-SINGLE DOOR	1'-6"	1'-6"	8'-0"	4'-8"	3'-0"		3"		4"	
-	36x96x18A	FULL CABINET-4 DOORS	1'-6"	3'-0"	8'-0"	4'-8"	3'-0"		3"		4"	

				UPI	PER CA	BINETS			
		CABINET TYPE		CABINET SIZ	E	OPE	NING HEIGHTS		
DETAIL	CONFIGURATION	DESCRIPTION	DEPTH	HEIGHT	WIDTH	A	В	UNDERLIGHT HEIGHT	COMMENT
U02-	36x36x18A		1'-6"	3'-0"	3'-0"	3'-0"			
U04-	36x36x15A	UPPER CABINET-DOUBLE DOOR WITH LIGHT	1'-3"	3'-0"	3'-0"	3'-0"		3"	

CABINETRY NOTES

GENERA

_____.

SPECIALIZED CABINET SECTIONS ONLY ARE KEYED OR NOTED ON CABINET ELEVATIONS. CABINET SECTIONS SHOWN THIS SHEET ILLUSTRATE TYPICAL CONSTRUCTION AND NOT EVERY DOOR AND / OR DRAWER VARIATION IS SHOWN. REFER TO OWNER FURNISHED INFORMATION FOR EQUIPMENT PURCHASE & INSTALLATION CRITERIA. VERIFY THE SIZE OF OPENINGS WITHIN CABINETRY & ADJACENT SPACES.

CONSTRUCTION ALL CABINETRY IS PLASTIC LAMINATE CLAD, U.N.O.

ALL COUNTERTOPS ARE SOLID SURFACE MATERIAL, U.N.O.

- FOR ANY STRAIGHT RUN PLAM CLAD COUNTERTOPS W/ SINKS, PROVIDE POSTFORMING AT BACKSPLASH TO COUNTERTOP. - PROVIDE 1 INCH PLYWOOD SUB-TOPS BELOW - BOTTOM OF SUB-TOP TO BE FLUSH W/ BOTTOM OF SOLID SURFACE EDGE.

- PROVIDE 1 1/2 INCH RADIUS AT ALL COUNTERTOP OUTSIDE CORNERS

PROVIDE PLAM CLAD TRIM & FILLER PANELS WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS.

PROVIDE 1 1/2" WIDE SIDE & END PANELS WHERE SHOWN ON ELEVATIONS.

AT THE BOTTOM OF UPPER CABINET UNITS, ALLOW FOR CONTINUOUS RUNS OF UNDERCOUNTER LIGHT FIXTURES. SEE ALSO ELECTRICAL DRAWINGS.

PROVIDE BLOCKING IN PARTITIONS FOR ALL CABINETRY ATTACHED TO WALLS. SEE SECTION THIS SHEET FOR FASTENING DETAILS.

DEPTH OF CABINET UNITS ARE AS SHOWN ON SECTIONS, U.N.O., ON INTERIOR ELEVATIONS.

PROVIDE SIDE SPLASHES WHERE COUNTERTOPS ABUT WALLS AT SIDES, U.N.O.

GLASS PANELS ARE 1/4 INCH CLEAR TEMPERED GLASS, U.N.O.

FILE DRAWERS ARE NOTED ON ELEVATIONS. PROVIDE MINIMUM INSIDE CLEAR DIMENSIONS OF 13.5" WIDE x 10.5" HIGH x 20.5" DEEP.

PROVIDE COUNTERTOP BRACE SUPPORTS AT 42" O.C. MAX. @ KNEESPACES & LAVATORY COUNTERS, U.N.O. - 25" DEEP COUNTERTOPS - GAMBAS "LARGE WORKSTATION BRACKETS" - WWW.GAMBASBRACKETS.COM - PROVIDE 3/4" PLYWOOD BLOCKING IN WALL, FULL HEIGHT OF SUPPORT AND SPANNING MIN. 3 STUDS.

PROVIDE 2" DIAMETER BLACK GROMMETS AT BACK OF COUNTERTOPS - 1 PER 30" OF KNEESPACE WIDTH. LOCATE IN FIELD WITH ARCHITECT.

PAINT OR SEAL ALL VISIBLE WOOD, PLYWOOD, OR MDF BUCKS, CLEATS, SUPPORTS, BRACES, ETC., AT KNEESPACES. I.E., NO UNFINISHED WOOD PRODUCT SURFACES OR EDGES.

PROVIDE BOTTOM CLOSURE FOR FILLER PANELS AT TOE SPACES AND AT BOTTOM OF UPPER WALL CABINETS TO CLOSE OFF ALL CONCEALED SPACES - I.E., KEEP VERMIN OUT.

SOLID SURFACE - EASE ALL EDGES TO APPROXIMATE 1/8" RADIUS, U.N.O.

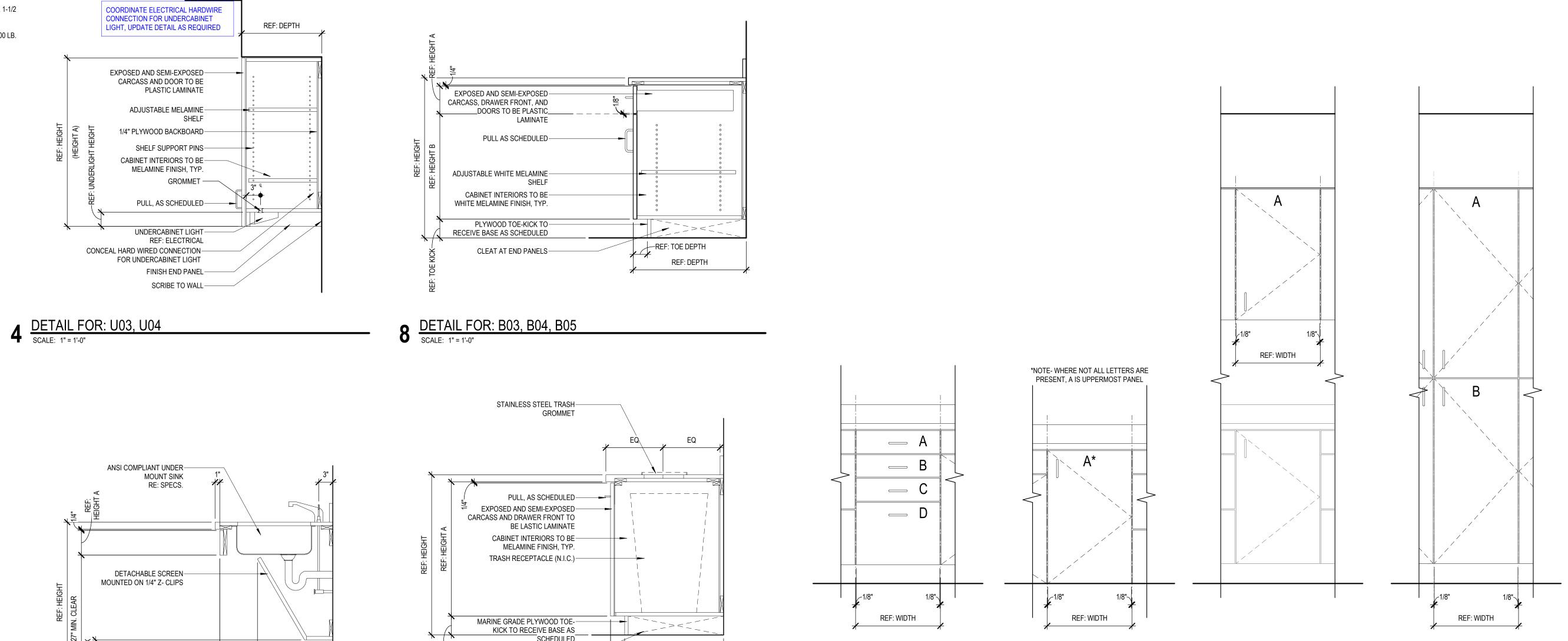
- RADIUS TOP EDGE OF BACK & SIDE SPLASHES TO 1/2" RADIUS - NO FLAT TOP FOR WATER ACCUMULATION.

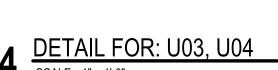
CABINET HARDWARE: • HINGES: SALICE SERIES 200 W/ 120 DEGREE OPENING HINGES OR COMPARABLE BY GRASS, HAFELE OR BLUM. USE 1-1/2 PAIR FOR DOORS OVER 32 INCHES HIGH. • TYPICAL DRAWER SLIDES: ACCURIDE 3832C; LENGTH TO SUIT DRAWER; 100 LB. CAPACITY • FILE DRAWER SLIDES: ACCURIDE 7434 PROGRESSIVE MOVEMENT W/ 1-INCH OVERIDE; LENGTH TO SUIT DRAWER; 100 LB. CAPACITY WITH ALUMINUM PENDAFLEX RAILING

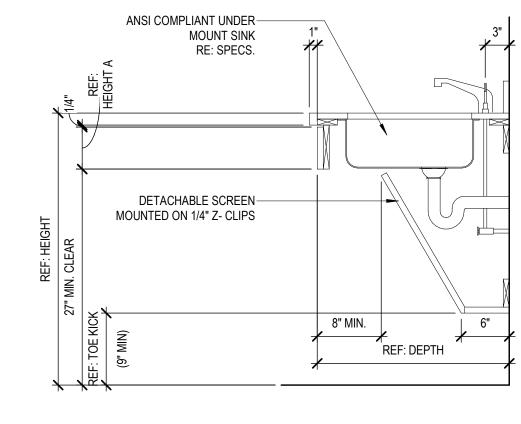
• LOCKS & CATCH – K&V 986 OR APPROVED SUBSTITUTE; (PROVIDE COMPLETE WITH 6 MASTER KEYS) • ELBOW CATCH: IVE-2A92

• ADJUSTABLE SHELF SUPPORTS - KV 345 NP, 5MM BORE, L-SHAPED, NICKEL • DRAWER AND CABINET DOOR PULLS: 96 MM LONG WIRE PULL, IN SATIN CHROME FINISH

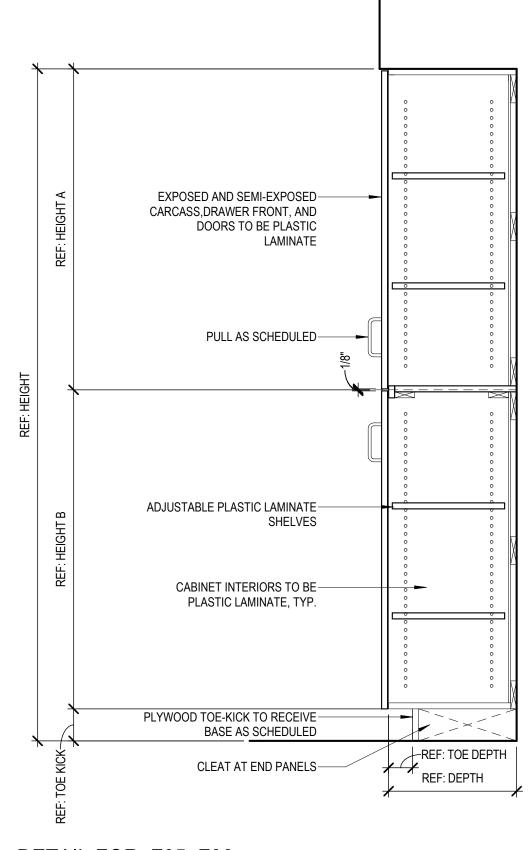
• WIREWAY GROMMET: MOCKETT LINER AND CAP, 2-3/8" / 50 MM DIAMETER, COLOR AS SELECTED

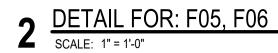


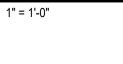


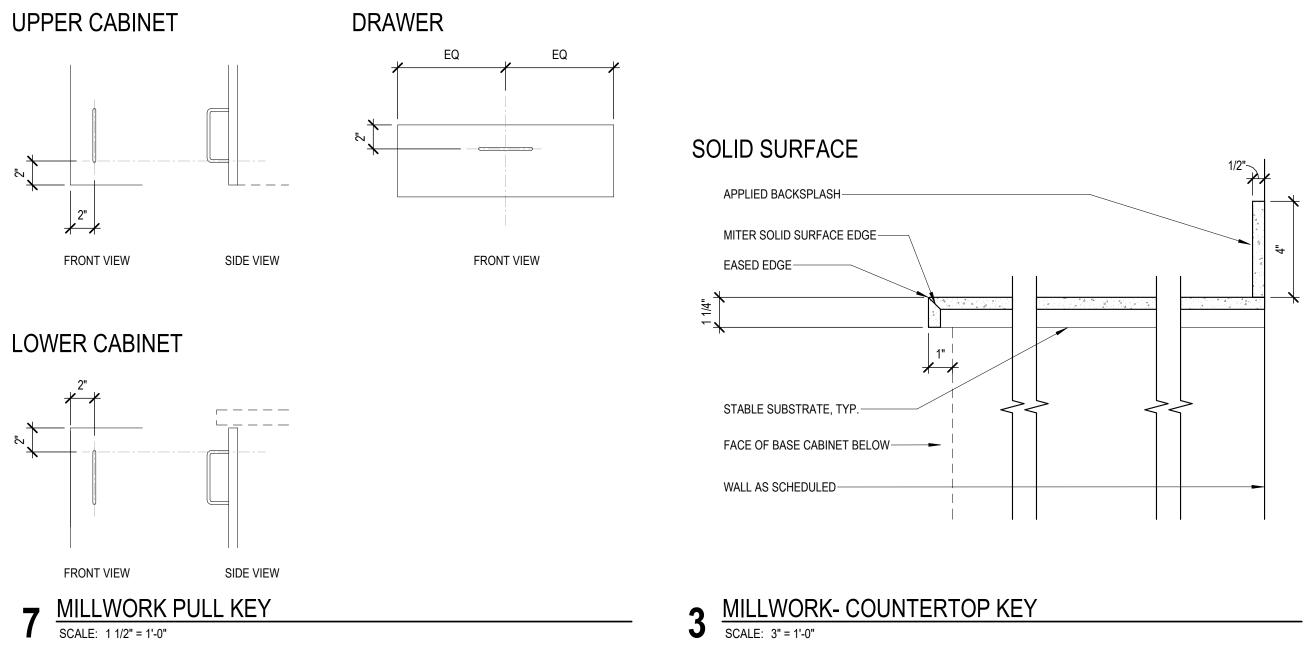


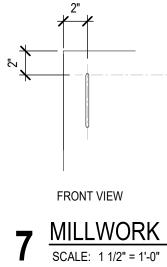
5 DETAIL FOR: B12 SCALE: 1" = 1'-0"

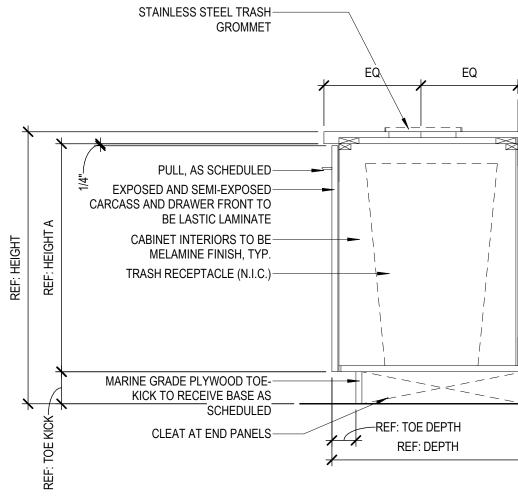
















173284.52
JOB NO.

A10.01 —

INTERIOR IMPROVEMENT MILLWORK TYPE

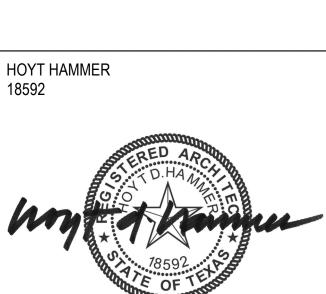
SCHEDULE AND NOTES

DECOMMISSION_PH 3

THERMAL STORAGE

сι	CURRENT SUBMISSION		
#	DATE	SUBMISSION	
-	12/01/21	CONSTRUCTION DOCUMENTS	
	THERMAL PLANT		

MAN TRED	ARCONNEL AND THE MANNEL MILLION STRANSSOL
ARCHITECT SEAL	12/1/2021 2:01:29 PN





JIS

BEC

CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300

WWW.BECKARCHITECTURE.COM

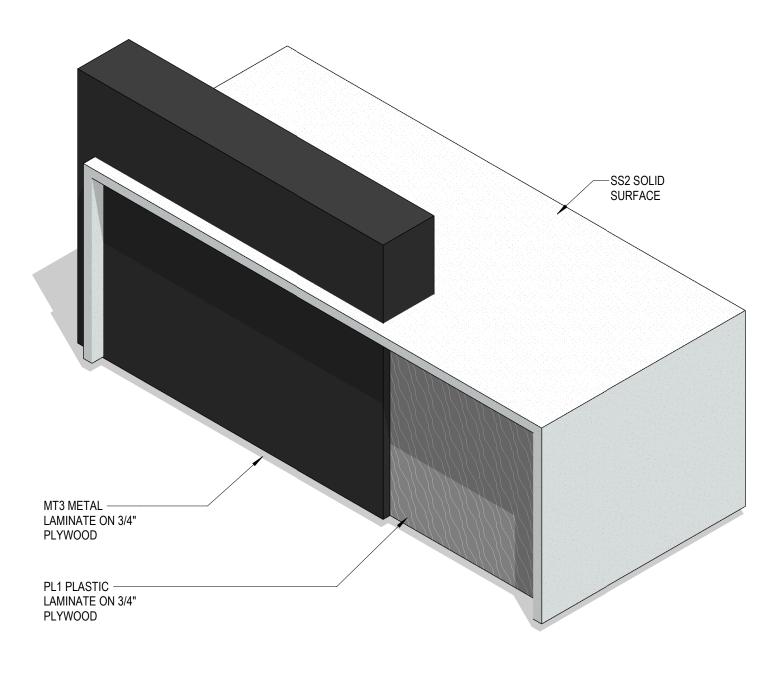
BECK ARCHITECTURE 810 HEMPHILL ST

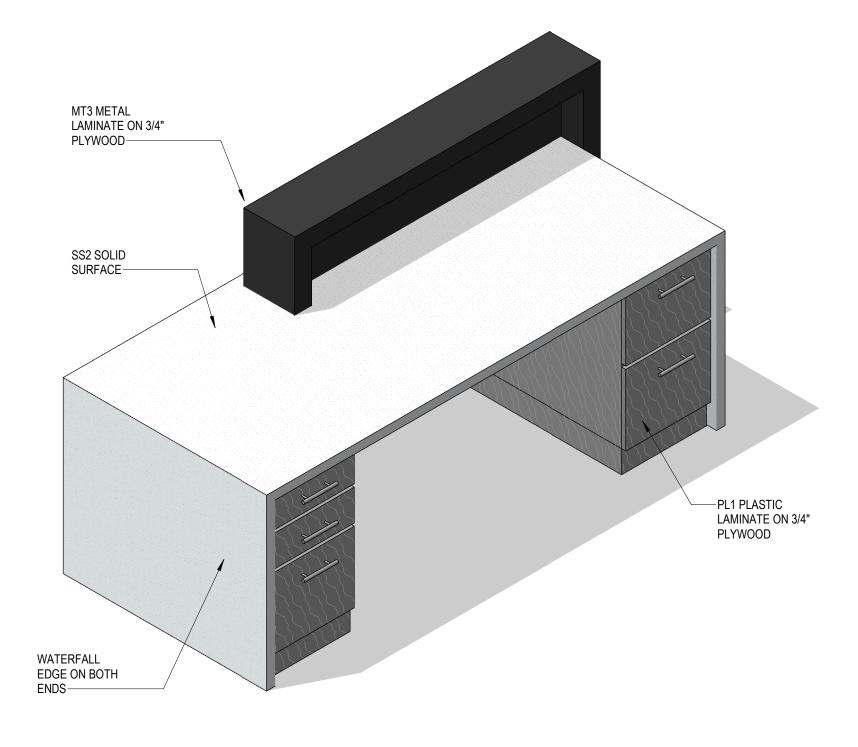
FORT WORTH, TX 76104 PH: 817-255-7800

JPS Health Network

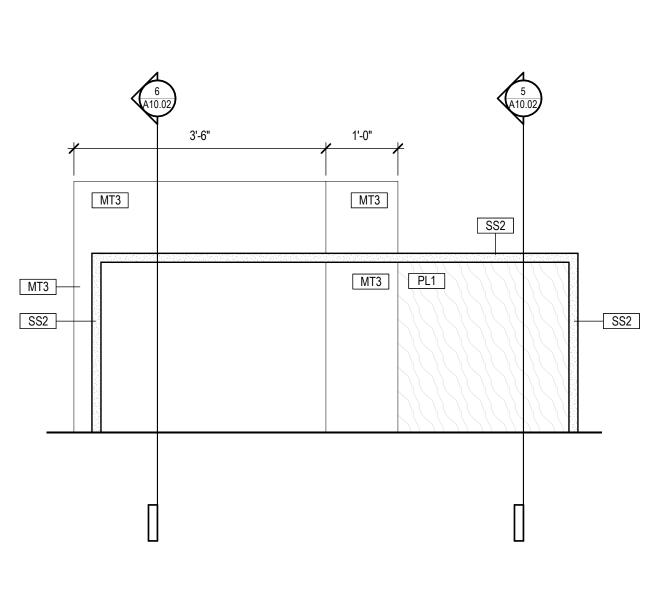
Fort Worth, Texas

DALLAS, TX 75201 PH: 469-501-2360 WWW.CFICOMPANIES.COM





8 RECEPTION DESK N SCALE: 3/4" = 1'-0"



7 <u>RECEPTION DESK W</u> SCALE: 3/4" = 1'-0"

MT3 METAL LAMINATE ON 3/- PLYWOOD
2X4 BLOCKING
SOLID SURFACE COUNTER- SS2
MT3 METAL LAMINATE ON 3/4 PLYWOOD
METAL STUD FRAMING- 3 5/8
PL1 PLASTIC LAMINATE ON 3 PLYWOOD
MILLWORK PULL, ROCKWOO RM1200 STAINLESS STEEL, 1

RM1200 STAINLESS STEEL, TYP. Plywood toekick to — Receive pl1



MT3 METAL LAMINATE ON 3/4" --PLYWOOD

SOLID SURFACE COUNTER- ------SS2

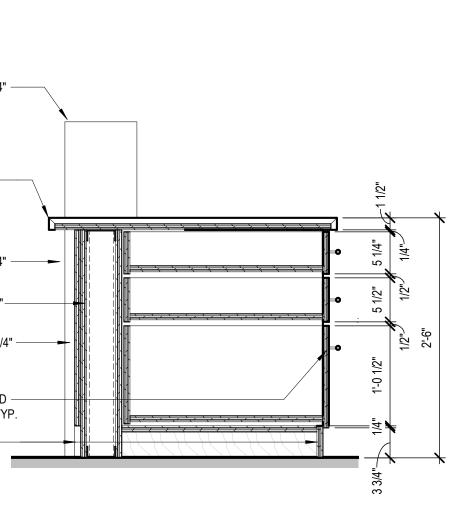
MT3 METAL LAMINATE ON 3/4" -----PLYWOOD

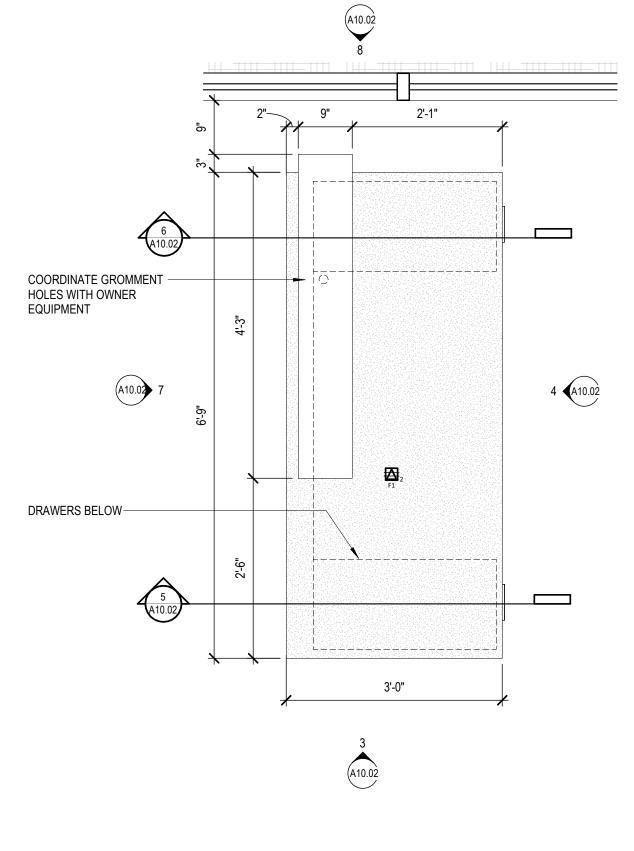
METAL STUD FRAMING- 3 5/8"-PL1 PLASTIC LAMINATE ON 3/4" -----PLYWOOD

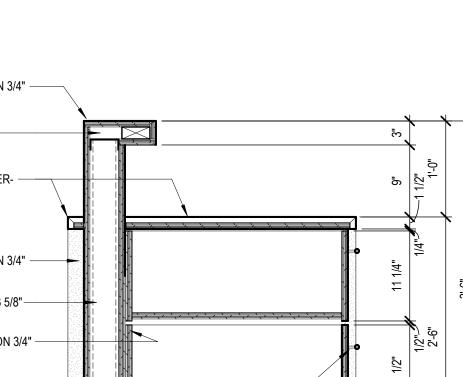
Plywood toekick to ---Receive pl1

5 DESK SECTION SCALE: 1" = 1'-0"

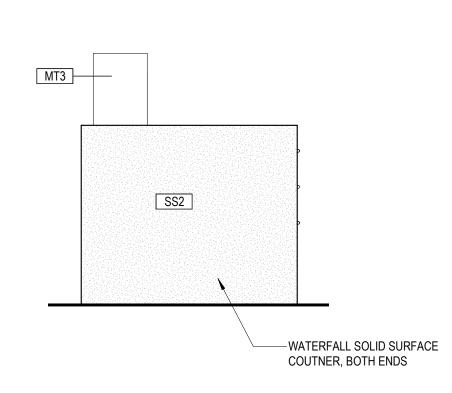
RECEPTION DESK PLAN SCALE: 3/4" = 1'-0"

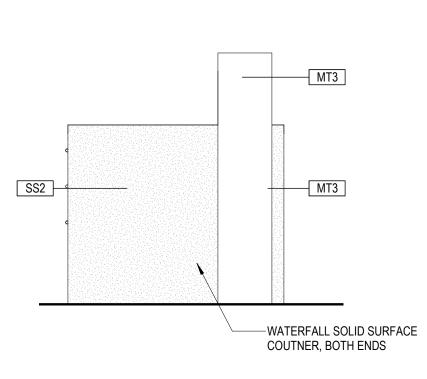


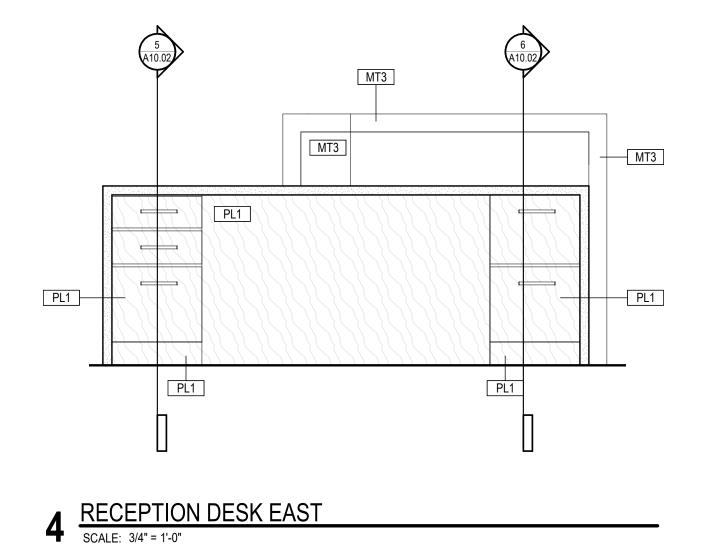


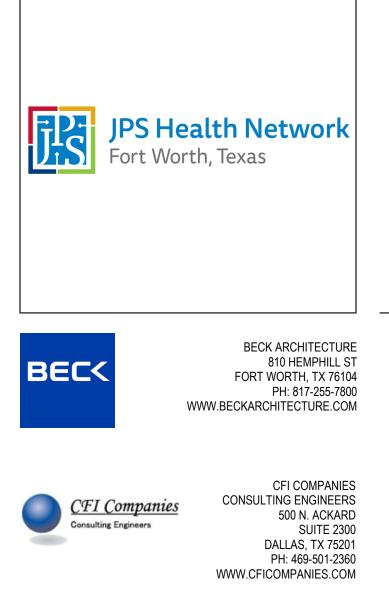


3 RECEPTION DESK S SCALE: 3/4" = 1'-0"









HOYT HAMMER 18592
AND THE OF TELESSOR

ARCHITECT SEAL

12/1/2021 2:01:36 PM

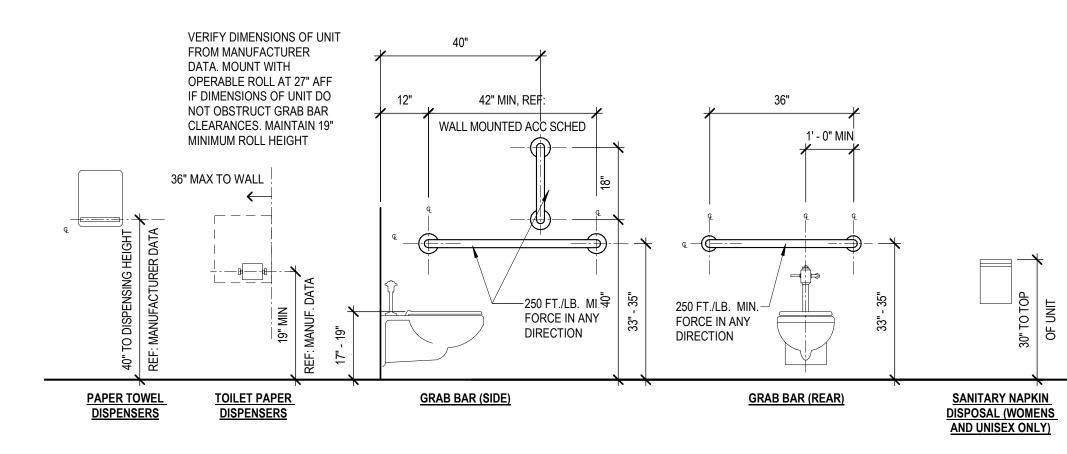
СІ	CURRENT SUBMISSION		
#	DATE 12/01/21	SUBMISSION CONSTRUCTION DOCUMENTS	

THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

MILLWORK PLANS, **ELEVATIONS &** DETAILS

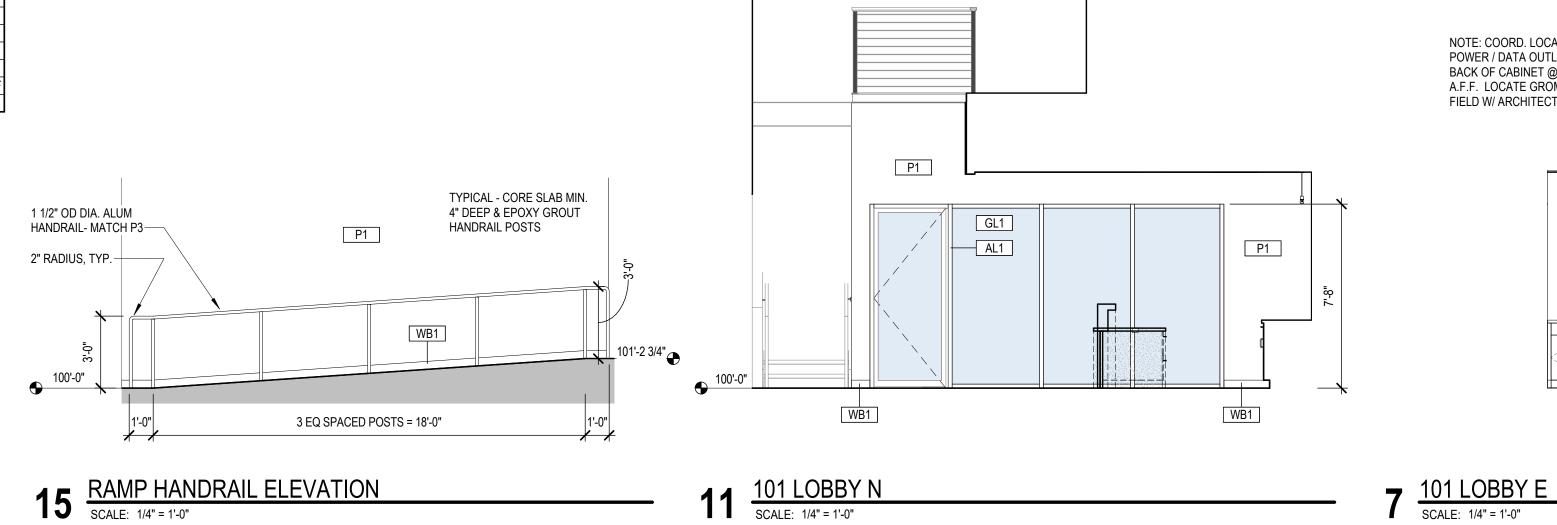
A10.02

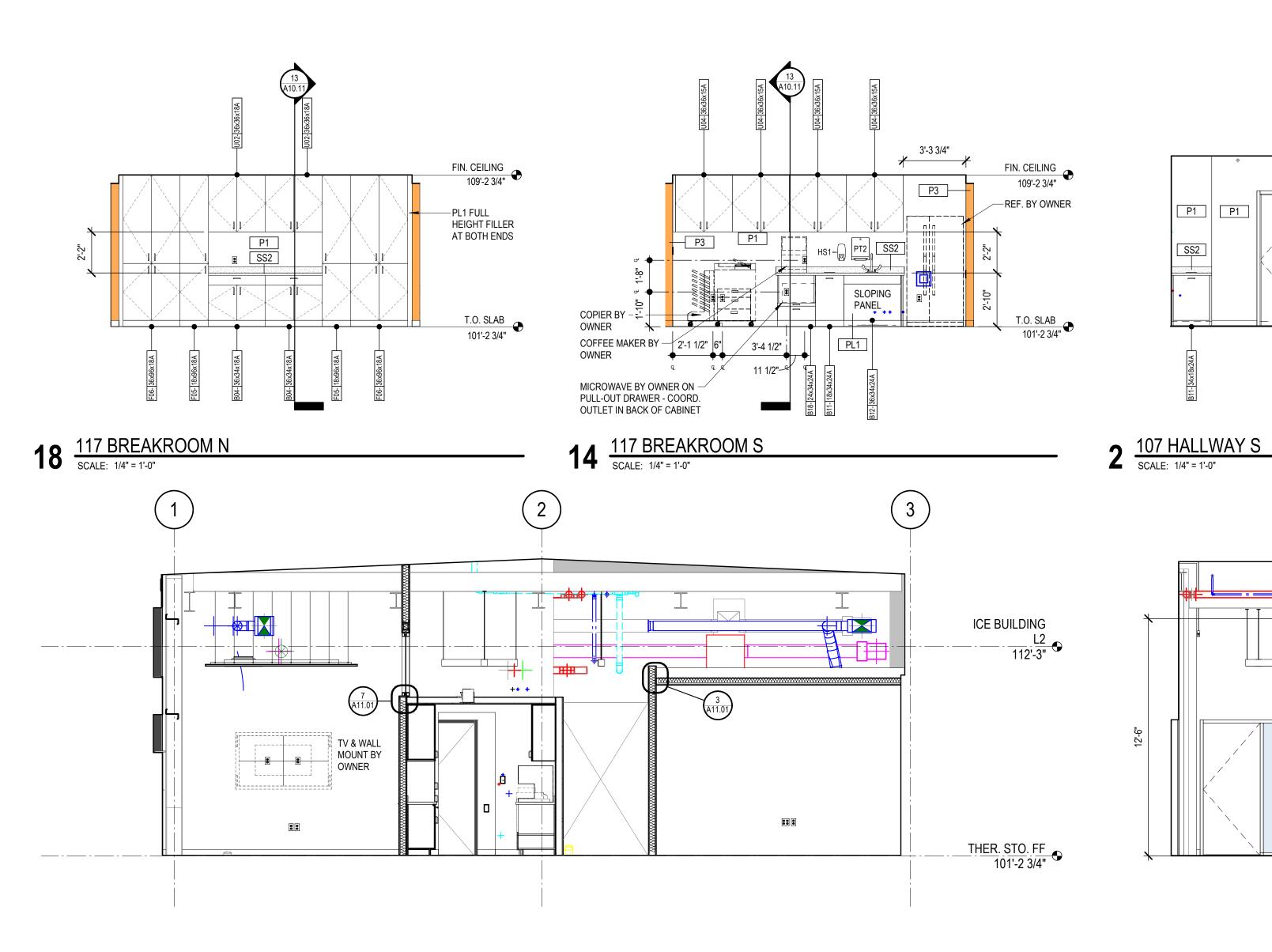
173284.52
JOB NO.



12 MOUNTING HEIGHTS SCALE: 1/2" = 1'-0"

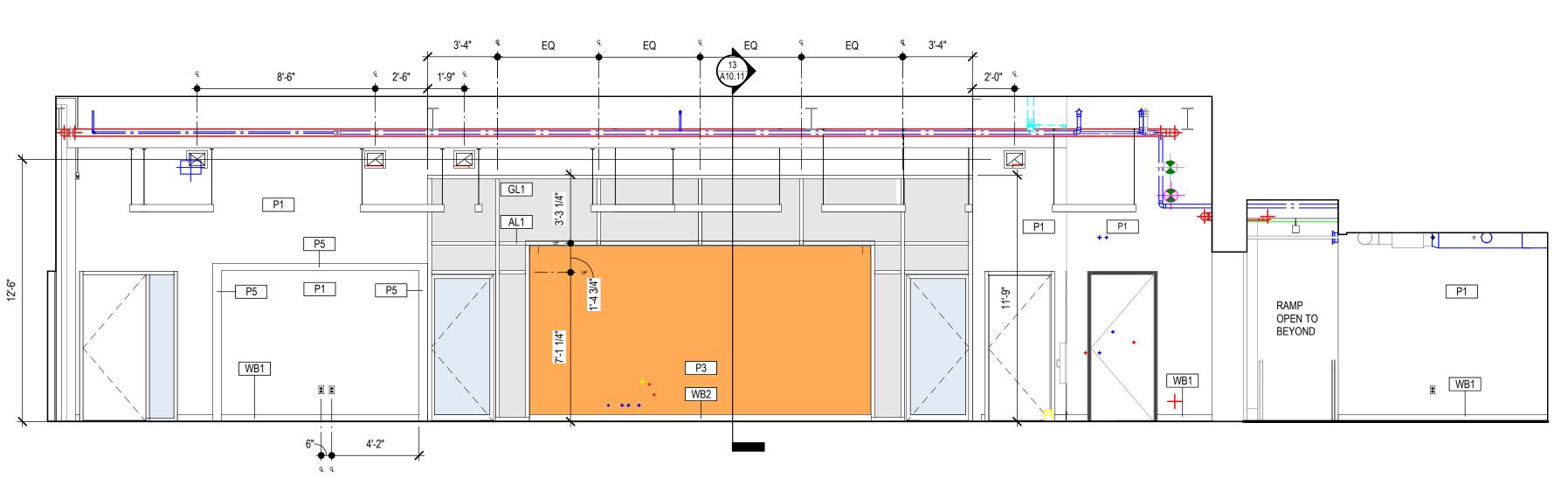
WALL MOUNTED ACCESSORY SCHEDULE				
Mark	Description	Manufacturer	Model	Comments
GB1	GRAB BAR- HORIZONTAL 36"	BOBRICK	B5806x36	
GB2	GRAB BAR- HORIZONTAL 42"	BOBRICK	B5806x42	
HS1	SOAP DISPENSER			OWNER PROVIDED, OWNER INSTALLED
MI1	MIRROR- 3' H X 2' W	BOBRICK	B-165 2436	3' H X 2' W
ND1	NAPKIN DISPOSAL	BOBRICK	B-270	SURFACE-MOUNTED
PT2	PAPER TOWER DISPENSER			OWNER PROVIDED, OWNER INSTALLED
SC1	SEAT COVER DISPENSER	BOBRICK	B-4221	
TP5	TP DISPENSER	BOBRICK	B-2840	TOILET TISSURE DISPENSER W/ UTILITY SHELF
WR1	WASTE RECEPTACLE	BOBRICK	B-3644	

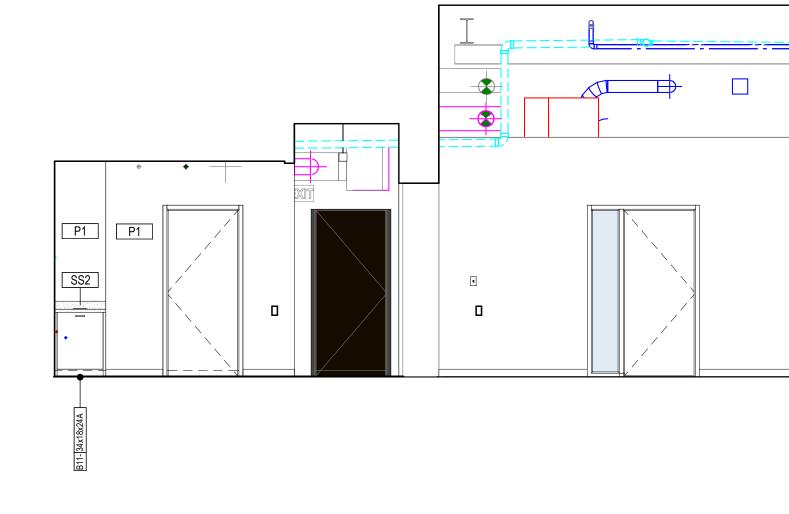


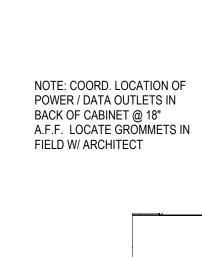


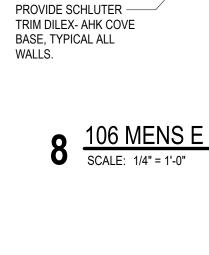
13 INTERIOR SECTION SCALE: 1/4" = 1'-0"

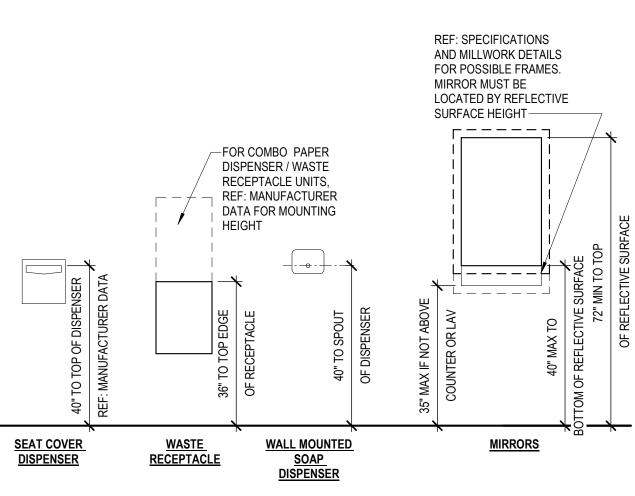
107 HALLWAY N SCALE: 1/4" = 1'-0"







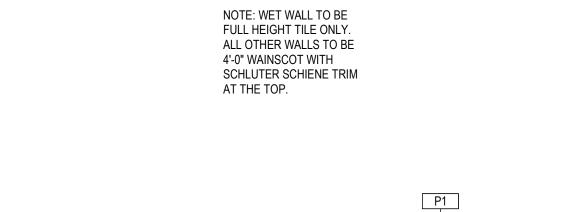


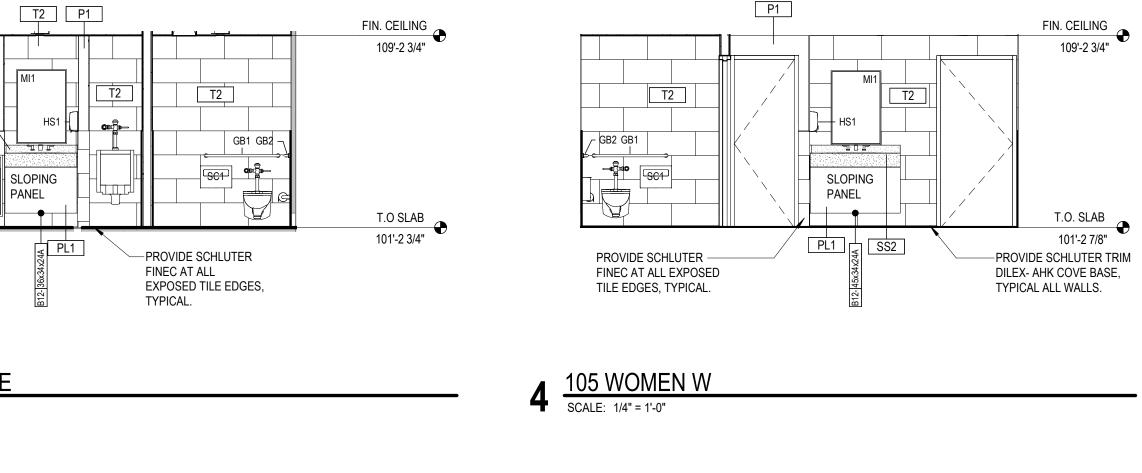


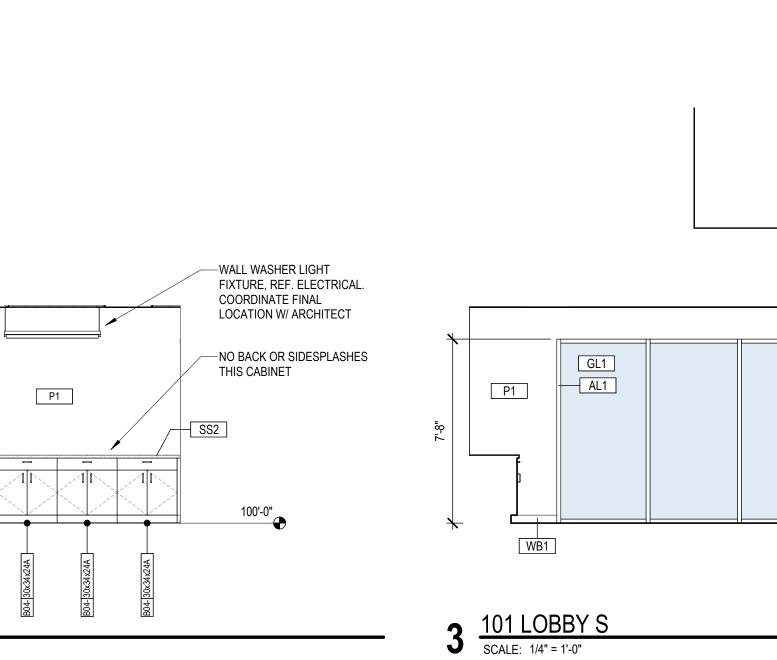


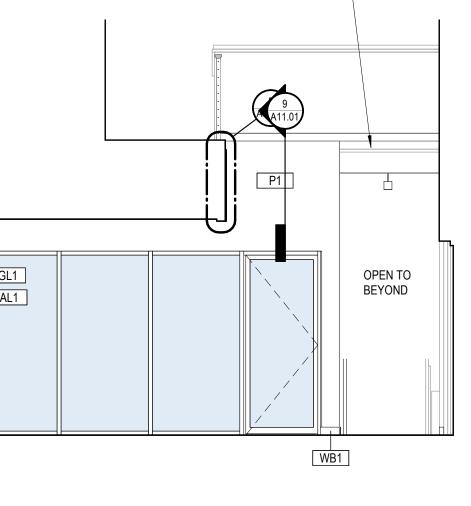
P1 -

SS2

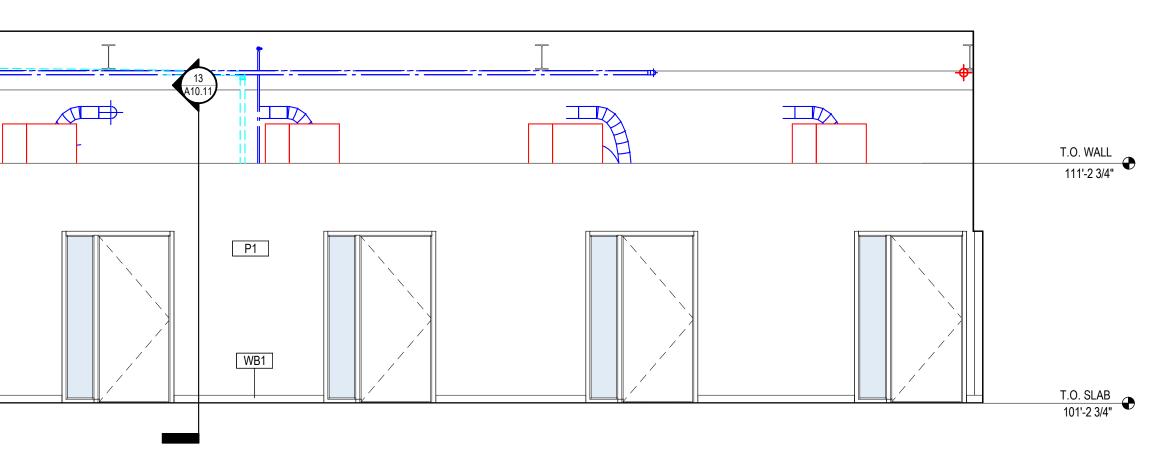








PAINT EXPOSED DECK EDGE P1



	ealth Network orth, Texas
BECK	BECK ARCHITECTURE 810 HEMPHILL ST FORT WORTH, TX 76104 PH: 817-255-7800 WWW.BECKARCHITECTURE.COM
CFI Companies Consulting Engineers	CFI COMPANIES CONSULTING ENGINEERS 500 N. ACKARD SUITE 2300 DALLAS, TX 75201

PH: 469-501-2360

WWW.CFICOMPANIES.COM

HOYT HAMMER 18592

ARCHITECT SEAL

12/1/2021 2:01:41 PM

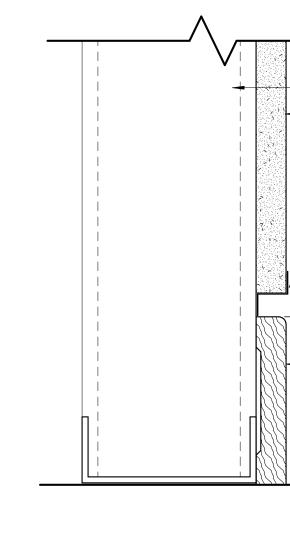
._____

СІ	CURRENT SUBMISSION		
#	DATE	SUBMISSION	
-	12/01/21	CONSTRUCTION DOCUMENTS	
<u> </u>			

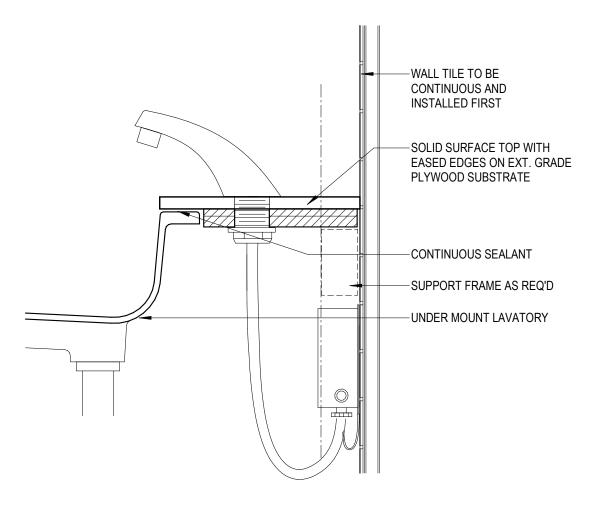
THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

INTERIOR ELEVATIONS & SECTIONS

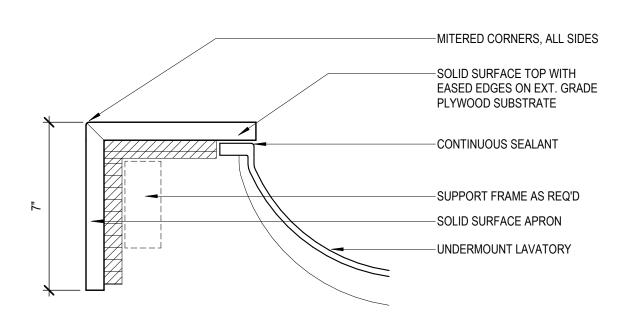
173284.52	A10.11
JOB NO.	SHEET



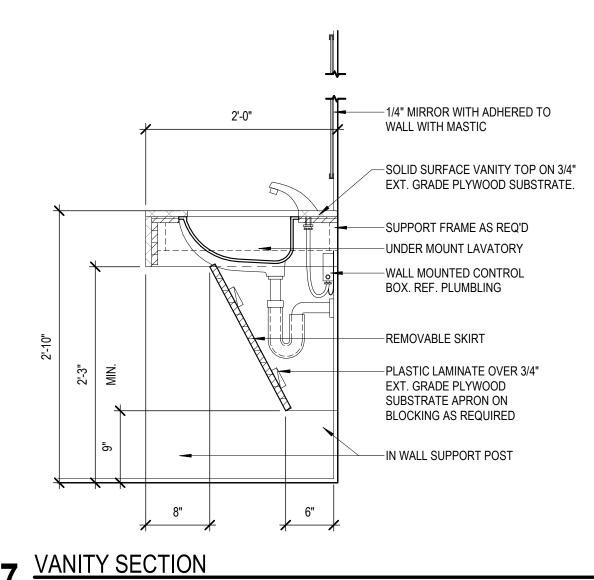




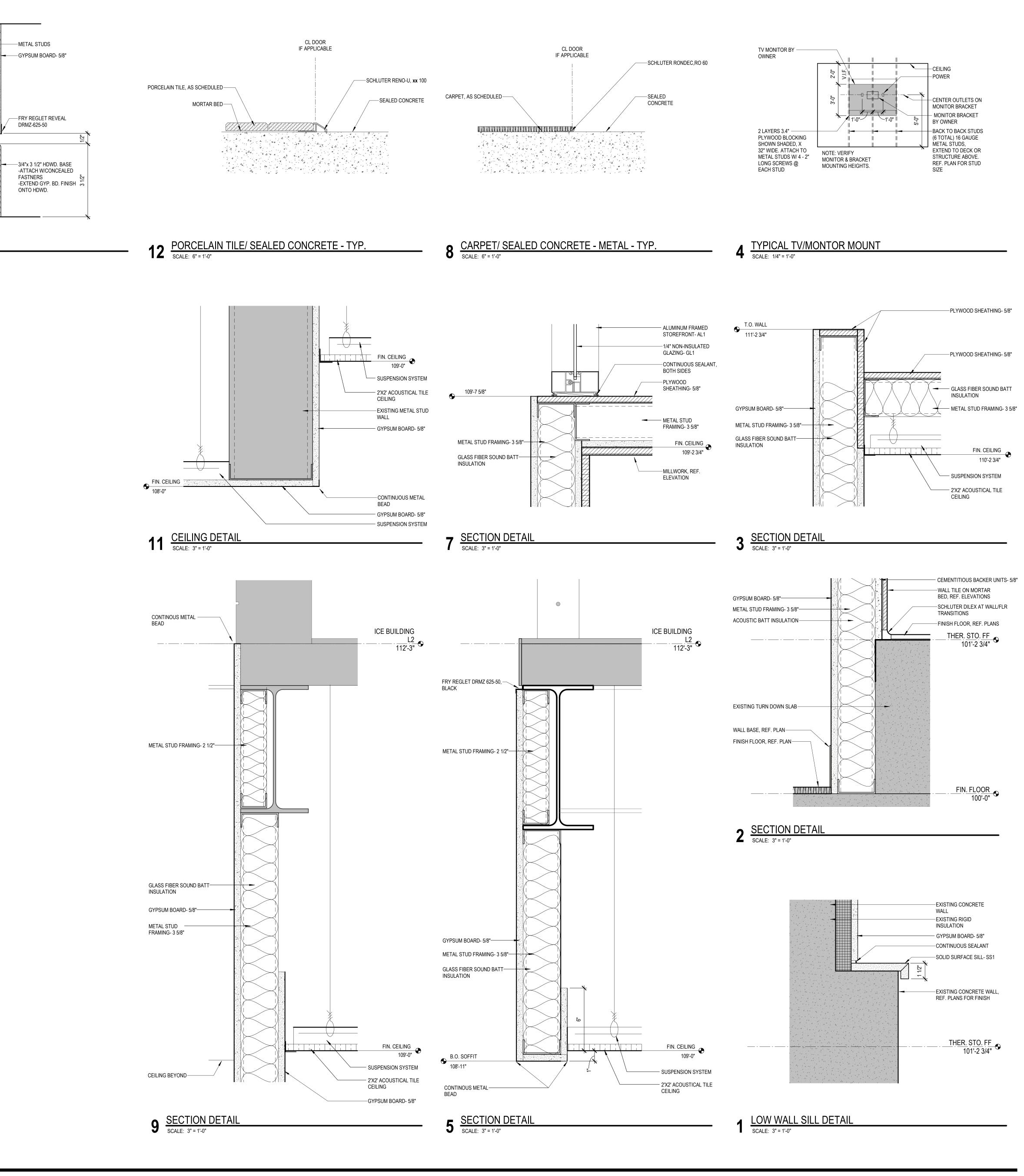
19 VANITY SECTION DETAIL SCALE: 3" = 1'-0"



18 VANITY SECTION DETAIL SCALE: 3" = 1'-0"







173284.	52
JOB NO.	

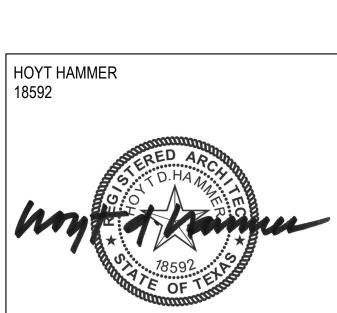
A11.01 —

INTERIOR DETAILS

THERMAL PLANT DECOMMISSION_PH 3 THERMAL STORAGE INTERIOR IMPROVEMENT

СІ	CURRENT SUBMISSION		
#	DATE	SUBMISSION	
-	12/01/21	CONSTRUCTION DOCUMENTS	
<u> </u>			

ARCHITECT SEAL 12/1/2021 2:01:43 PM





CFI COMPANIES

WWW.BECKARCHITECTURE.COM

BECK ARCHITECTURE

PH: 817-255-7800

810 HEMPHILL ST FORT WORTH, TX 76104

CONSULTING ENGINEERS 500 N. ACKARD **SUITE 2300** DALLAS, TX 75201 PH: 469-501-2360 WWW.CFICOMPANIES.COM



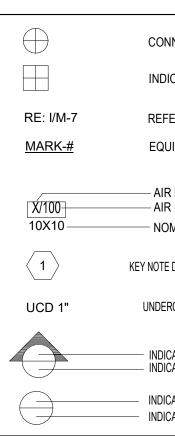
BEC

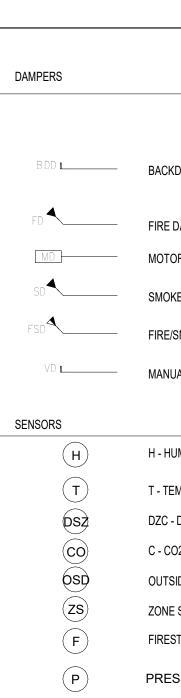
JPS Health Network Fort Worth, Texas

	HVAC PROJECT NOTES	
1.	GENERAL NOTES FROM THIS LIST SHALL APPLY TO THE ENTIRE MECHANICAL DESIGN.	
2.	ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE LOCAL MECHANICAL CODE, THE LOCAL BUILDING CODES, ADA, OTHER AUTHORITIES HAVING JURISDICTION, AND ENERGY CONSERVATION CODE.	
3.	COORDINATE WITH STRUCTURE AND OTHER DISCIPLINES.	
4.	DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR CREATING SHOP DRAWINGS AND FOR COORDINATING THE EXACT ROUTING OF ALL DUCTWORK AND PIPING WITH EXISTING FIELD CONDITIONS AND WITH OTHER TRADES.	
5.	PROVIDE VOLUME DAMPER AT SPIN-IN CONNECTION OF DIFFUSER BRANCH INCLUDING THOSE CONNECTING TO THE BOTTOM OF MAIN TRUNK, WHERE VOLUME DAMPER IS ACCESSIBLE. PROVIDE YOUNG REGULATORS FOR ALL VOLUME DAMPERS ABOVE INACCESSIBLE CEILINGS UNLESS OTHERWISE NOTED. COORDINATE CEILING MOUNTED ADJUSTING PORTS WITH EXISTING CEILING ELEMENTS, LINE UP FOR VISUAL PURPOSES. PROVIDE PORT LOCATIONS TO ARCHITECT FOR APPROVAL.	
6.	MAINTAIN MANUFACTURERS RECOMMENDED CLEARANCES ON ALL EQUIPMENT.	
7.	PROVIDE ACCESS CEILING PANELS TO MOTORIZED DAMPERS, VALVES, AND EQUIPMENT ABOVE INACCESSIBLE CEILINGS. COORDINATE LOCATIONS WITH ARCHITECT.	
8.	SEAL ALL DUCT AND PIPE PENETRATIONS THRU EXTERIOR WALLS AIRTIGHT WITH WEATHERPROOF SEALANT.	
9.	FLEX DUCTS SHALL BE 6'-0" MAX. USE RIGID DUCTS IF LENGTH REQUIRED IS MORE THAN 6'-0". FLEX DUCTS SHALL NOT HAVE KINKS THAT WOULD OBSTRUCT AIR FLOW. SIZE FLEX DUCT SUCH THAT PRESSURE DROP IS NOT MORE THAN .08" PER 100'.	
10.	COORDINATE LOCATIONS OF AIR DEVICES WITH LIGHT FIXTURES AND ARCHITECTURAL CEILING DESIGN.	
11.	PRIOR TO ORDERING SHEET METAL FIELD VERIFY AND COORDINATE EXACT DUCT ROUTING WITH NEW AND EXISTING STRUCTURAL CONDITIONS.	
12.	CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF NEW SYSTEMS PRIOR TO FABRICATION AS RISES, DROPS, AND OFFSETS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.	
13.	CONTRACTOR SHALL COORDINATE WITH STRUCTURAL CONDITIONS AND PROVIDE OFFSETS AND CLEARANCES AS REQUIRED	
14.	INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE OR IN FURR DOWNS WHERE SHOWN.	
15.	COORDINATE FINAL THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS WITH ARCHITECT. DO NOT LOCATE THERMOSTATS OR TEMPERATURE SENSORS BEHIND DOORS OR EQUIPMENT	
16.	UNLESS SPECIFICALLY INDICATED ALL DUCT TRANSITIONS SHALL BE SMOOTH AND GRADUAL WITH MAXIMUM DIVERGENT ANGLE OF 15°.	
17.	PROVIDE MINIMUM 6" WIDE FLEXIBLE CONNECTOR TO CONNECT DUCTS TO AIR HANDLING UNITS, FAN COIL UNITS, FAN, ROOF TOP UNITS, AND WHERE INDICATED ON THE DRAWINGS.	
18.	MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRING, CONDUIT STARTERS ETC. REQUIRED TO MAKE THE HVAC CONTROL SYSTEM FULLY OPERATIONAL IN ACCORDANCE TO PLANS AND SPECIFICATIONS. WIRING SHALL INCLUDE 120 V AND LOW VOLTAGE WIRING REQUIRED FOR HVAC CONTROL SYSTEMS. PROVIDE CONTROLS CAPABLE CONTROLLING MULTI-STAGE HEATING. SUBMIT CONTROL WIRING DIAGRAM TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING OR INSTALLING CONTROL SYSTEM. ALL CONTROL COMPONENTS AND MATERIAL SHALL BE COMPATIBLE WITH THE EQUIPMENT IT SERVES.	
19.	PROVIDE ALL ACCESSORIES FOR LONG LINE SET REFRIGERANT LINES AS REQUIRED BY MANUFACTURER. THIS INCLUDES CRANKCASE HEATER, TXU, HEADSTART ASSIST AND LIQUID LINE SOLENOID. SIZE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS SUCH THAT LONG LINE SET LOSSES ARE MINIMUM. USE LONG RADIUS ELBOWS AND HARD DRAWN COPPER TUBES. COORDINATE WITH MANUFACTURER.	
20.	ALL DUCT DIMENSIONS SHOWN ON PLANS ARE INTERNAL FREE AREA DIMENSIONS. PROVIDE ACCESS DOORS AND PANELS FOR HVAC ITEMS/COMPONENTS THAT MAY REQUIRED SERVICE ABOVE NON-ACCESSIBLE CEILINGS. COORDINATE ALL PANEL LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN.	
21.	ALL SUPPLY AIR CEILING DEVICES SHALL BE INSULATED ON TOP OF DEVICES TO PREVENT CONDENSATION. INSULATE DEVICES, WITH 1-1/2" WRAPAROUND INSULATION AND TOTALLY COVER ALL SURFACES, SECURE INSULATION IN PLACE WITH TAPE. APPLY INSULATION PRIOR TO MOUNTING AIR DEVICES.	
	LEGEND NOTES	
1. 2.	THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT. THE GENERAL NOTES ON THIS SHEET APPLY TO ALL HVAC DRAWINGS ASSOCIATED WITH THIS PROJECT.	

ᡃ᠇᠕᠕᠕᠂ D/P

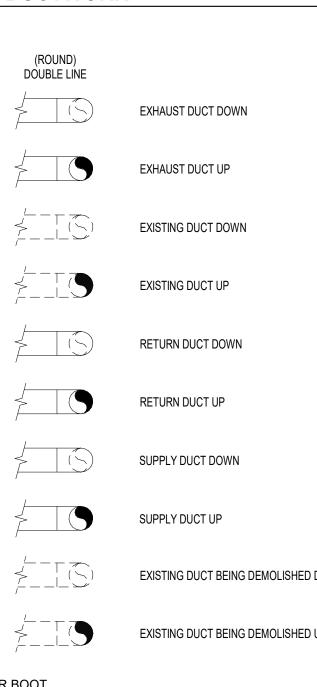
_____ Ø

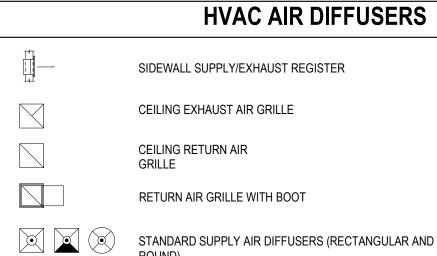




SD

				·			
	MECHANICAL PIPING			_	GENERAL	DUCTWOR	Κ
			CHECK VALVE, SWING GATE		(ROUND)	(ROUND)	
	PIPE DOWN	FF 	ANGLE PRESSURE RELIEF VALVE	SINGLE LINE	DOUBLE LINE SINGLE LINE		
	CAP 90° ELBOW						EXHAUST DUCT DOWN
	45° ELBOW		LOCK SHIELD QUICK OPENING/CLOSING VALVE				EXHAUST DUCT UP
	45° ELBOW DOWN (OGEE)	\sim	PRESSURE REGULATOR				
, A	TEE		STRAINER W/BLOW DOWN VALVE		$\begin{cases} \\ \\ \\ \\ \\ \\ \\$		EXISTING DUCT DOWN
~ 5 5 6	TEE UP		THREE-WAY VALVE (ELECTRIC)	\leftarrow	≤×_		EXISTING DUCT UP
~ 503	TEE DOWN		TWO-WAY VALVE (ELECTRIC)				
	TOP CONNECTION	${}_{\vdash} \boxtimes \boxtimes \boxtimes {}_{\vdash}$	FLEXIBLE CONNECTION			Z (S)	RETURN DUCT DOWN
	CROSS	EJ	EXPANSION JOINT	≥			RETURN DUCT UP
~ E	UNION (SCREWED)		THERMOMETER				
~ 6	UNION (FLANGED)	S+-Z/+ ^{TW}	THERMOMETER WELL				SUPPLY DUCT DOWN
- 36	PIPE BREAK	s-+↓↓ 	TEST PLUG				SUPPLY DUCT UP
~ 5 3	CONCENTRIC REDUCER		PRESSURE GAUGE W/GAUGE COCK		1	1	
→ S S S	ECCENTRIC REDUCER		MANUAL AIR VENT				EXISTING DUCT BEING DEMOLISHED DOWN
s—tŎ r		s - +		× ^K ×		\$\ S	EXISTING DUCT BEING DEMOLISHED UP
	BALL VALVE	FS	SOLENOID VALVE		RETURN AIR/TRANSFER A	,	
		FS ~	TEMPERATURE AND PRESSURE				
	ISOLATION VALVE	` گ بــــــــــــــــــــــــــــــــــــ	RELIEF VALVE STEAM TRAP				
	GATE VALVE WITH QUICK DISCONNECT		STEAM MOISTURE SEPARATOR		DUCTWORK FITTING	39 AND CON	
	TWO-WAY VALVE (PNEUMATIC) THREE-WAY VALVE (PNEUMATIC)		STEAM MOISTORE SEPARATOR	ELBOWS			
	BALANCING VALVE	s→−t≫t→→ ,	CONTROL, ELECTRIC-PNEUMATIC		DUCT ELBOWS WITH TURNING VANES		
	PIPE ALIGNMENT GUIDE	, PE,	CONTROL, PNEUMATIC-ELECTRIC				
	PIPE ANCHOR		RED. PRESS PRINCIPAL BACKFLOW PREVENTER		STANDARD RADIUS ELBOW		
	FLANGED END	₩ ₩ CHWR	CHILLED WATER RETURN	SPLITS AND TEES			
\vee \vee \vee \vee	HUMIDIFIER	è——CHWS——→	CHILLED WATER SUPPLY		RECTANGULAR TEE FITTING		
	HEAT TRACING ON PIPE	کـــــــ CWR	CONDENSER WATER RETURN				
D/P	DIFFERENTIAL PRESSURE SENSOR	کــــــــــ CWS	CONDENSER WATER SUPPLY		RADIUS TEE FITTING		
	NEW CONSTRUCTION	کـــــــ HWR	HOT WATER RETURN		RECTANGULAR SPLIT FITTINGS WITH SPLITTER DA	MPER	
	EXISTING TO REMAIN	٤ــــــ HWS	HOT WATER SUPPLY				
	EXISTING TO BE DEMOLISHED	€ CD	CONDENSATE DRAIN		RADIUS SPLIT FITTINGS		
¢	CENTER LINE	≧ REF	REFRIGERANT LINES	TAKE-OFFS AND TAPS			
Ø	DIAMETER				RECTANGULAR DUCT TAP WITH VOLUME DAMPER		
	HVAC NOTES A				ROUND DUCT TAP WITH VOLUME DAMPER		
	ECTION POINT OF NEW TO EXISTING				STANDARD BRANCH TAKE-OFF WITH VOLUME DAM	PER	
	TES DISCONNECTION POINT				SPIN-IN TAP WITH FLEX CONNECTION DOWN TO AIR	RDIFFUSER	
	MENT MARK AND NUMBER. REFER TO EQUIPMENT ABBREV	IATIONS ON THIS DRAWING			FLEXIBLE DUCT CONNECTION TO RECTANGULAR D	UCT	
AIR FL	EVICE MARK LOW (CFM)			TRANSITIONS	WITH SPIN-IN CONNECTOR.		
KEY NOTE DE	DUCT SIZE (INCHES) SIGNATIONS				CONCENTRIC TRANSITION		
UNDERCU	T DOOR 1"				ECCENTRIC TRANSITION		
INDICATI	ES SECTION NUMBER ES DRAWING NUMBER				RECTANGULAR TO ROUND DUCTWORK		
	ES DETAIL NUMBER ES DRAWING NUMBER			SYMBOLS	TRANSITION		
	HVAC NOTES AND DESIG	NATIONS			ACCESS DOOR		
				AP	ACCESS PANEL		
					FLEXIBLE CONNECTION, FLEXIBLE	EDUCT	
				VD	VOLUME DAMPER		
BACKDF	RAFT DAMPER			M- <u>-</u>	MOTORIZED VOLUME DAMPER		
					RISE IN DUCT ELEVATION		
	MPER AND ACCESS DOOR				DROP IN DUCT ELEVATION		
	DAMPER AND ACCESS DOOR			ST			
	IOKE DAMPER AND ACCESS DOOR			(+)	RELATIVE ROOM PRESSURE		
WINI YUA							
H H-HUN	IIDITY SENSOR OR HUMIDISTAT						
T T - TEM	PERATURE SENSOR OR THERMOSTAT						
7	IGITAL ZONE CONTROLLER						
\leq	SENSOR E SENSING DEVICE						
zs zone s							
F FIREST	AT						
P PRESS	SURE MONITOR						
SD SMOK	E DETECTOR						





STANDARD SUPPLY AIR DIFFUSERS (RECTANGULAR AND ROUND) SHADING DENOTES BLANK-OFF

CONCENTRIC DIFFUSER

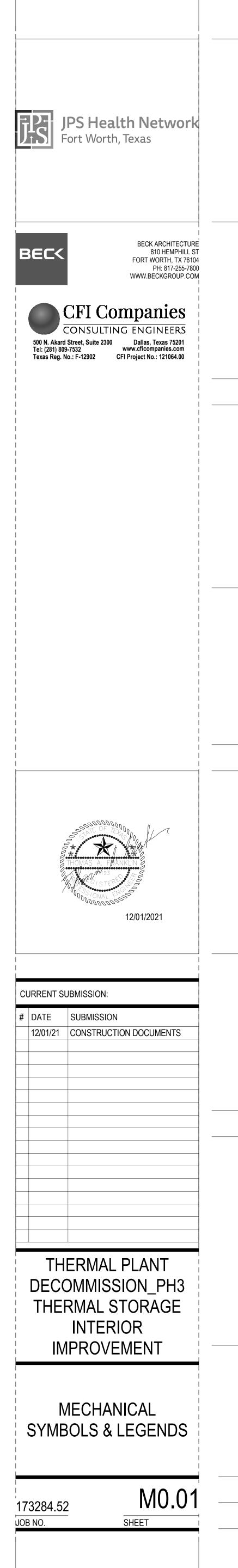
MECHANICAL EQUIPMENT ABBREVIATIONS

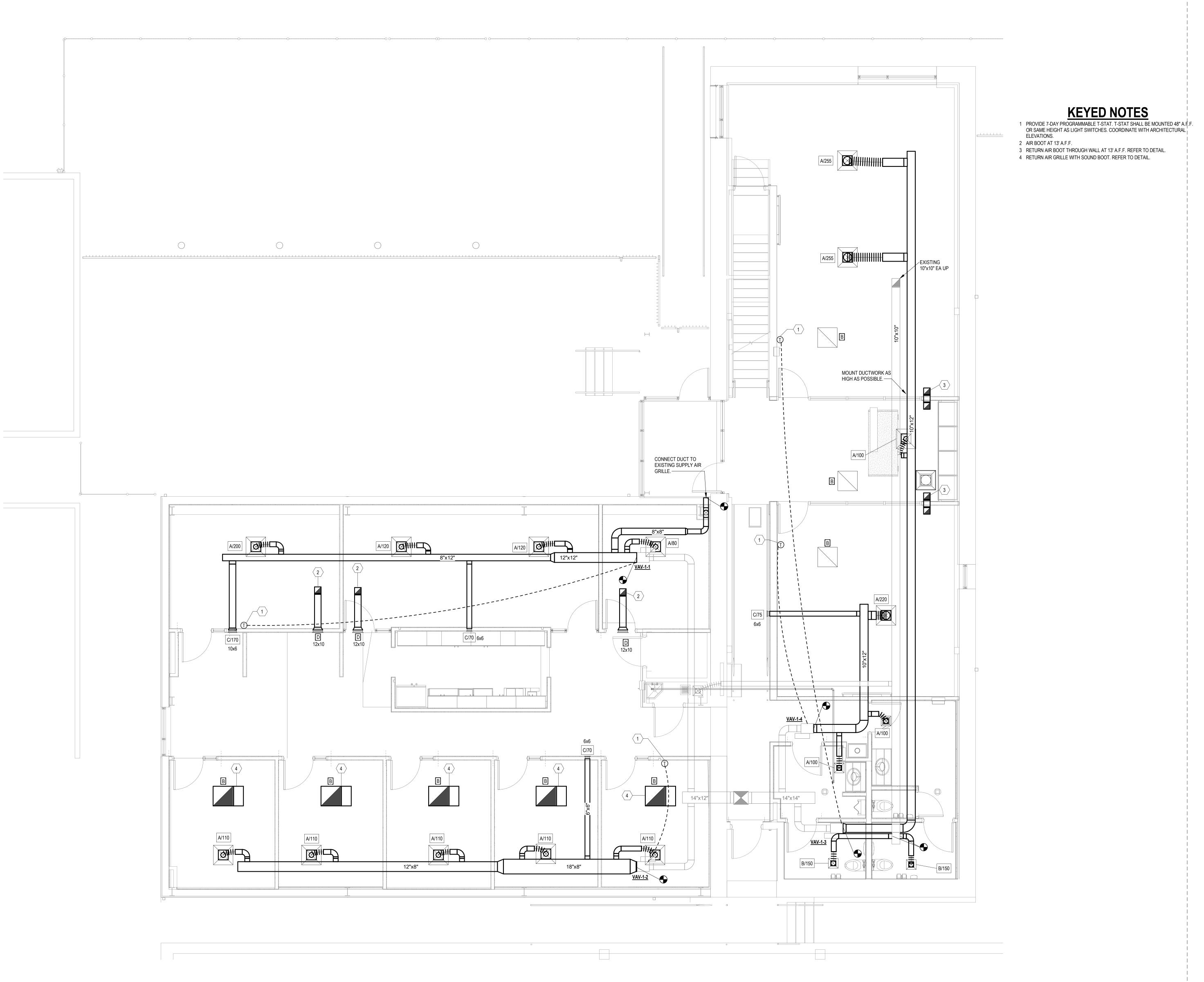
AC	AIR CONDITIONING	OAI	OUTSIDE AIR INTAKE
ACD	AUTOMATIC CONTROL DAMPER	OBD	OPPOSED BLADE DAMPER
ACU	AIR CONDITIONING UNIT	OED	OPEN END DUCT
ACCU	AIR COOLED CONDENDSING UNIT	P	PUMP
AF	AIR FOIL	PHC	PREHEAT COIL
AHU	AIR HANDLING UNIT	RA	RETURN AIR
ALD	ACOUSTICALLY LINED DUCTWORK	RF	RETURN FAN
ATD		RG	RETURN GRILLE
AVS	AIR VOLUME TRAVERSE STATION	RHC	REHEAT COIL
BDD	BACKDRAFT DAMPER	RLF	RELIEF
BI	BACKWARD INCLINED	RR	RETURN REGISTER
CC	COOLING COIL	RTU	ROOF TOP UNIT
CD	CEILING DIFFUSER	RTAHU	ROOF TOP AIR HANDLING UNIT
CFM	CUBIC FEET PER MINUTE	RV	ROOF VENT
CFM	CEILING GRILLE	SA	SUPPLY AIR
DIFF	DIFFUSER	SATT	SOUND ATTENUATOR
DIFF	DOUBLE WIDTH DOUBLE INLET		SMOKE DAMPER
DWDI	DOUBLE WIDTH DOUBLE INCET	SD SEF	SMOKE EXHAUST FAN
	DIRECT EXPANSION	SEF	
DX EF	EXHAUST FAN		
F	FAN	SFD	COMBINATION AUTOMATIC SMOKE/FIRE
	FORWARD CURVED		DAMPER WITH ACCESS DOOR
FC FA	FREE AREA	SG	SUPPLY GRILLE
FCU	FAN COIL UNIT	SM	SHEETMETAL
FD	FIRE DAMPER (W/ ACCESS DOOR)	SP	STATIC PRESSURE
FLTR	FILTER	SR	SUPPLY REGISTER
FPI	FINS PER INCH	SWDI	SINGLE WIDTH DOUBLE INLET
FPT	FAN POWERED TERMINAL BOX	SWSI	SINGLE WIDTH DOUBLE INLET
GE	GENERAL EXHAUST	TE	TOILET EXHAUST
GL	GRAVITY INTAKE HOOD	TF	TRANSFER FAN
	GRAVITY RELIEF HOOD		
GRH H	HUMDIFIER	TG	TRANSFER GRILLE
	HEATING COIL	TR	
HC	HEATING COLL HEATING & VENTILATING UNIT	TSP	TOTAL STATIC PRESSURE
HV	HUMDIFIER	UC	
HU		UNO	
LAT		VAV	VARIABLE AIR VOLUME TERMINAL UNIT
LD	LINEAR DIFFUSER	VD	
LUVR		VVE	VARIABLE VOLUME SUPPLY AIR TERMINAL
LVDR	LOUVERED DOOR	MAC	BOX VARIABLE VOLUME EXHAUST AIR
OA	OUTSIDE AIR	WMS	TERMINAL
			BOX

HVAC ABBREVIATIONS

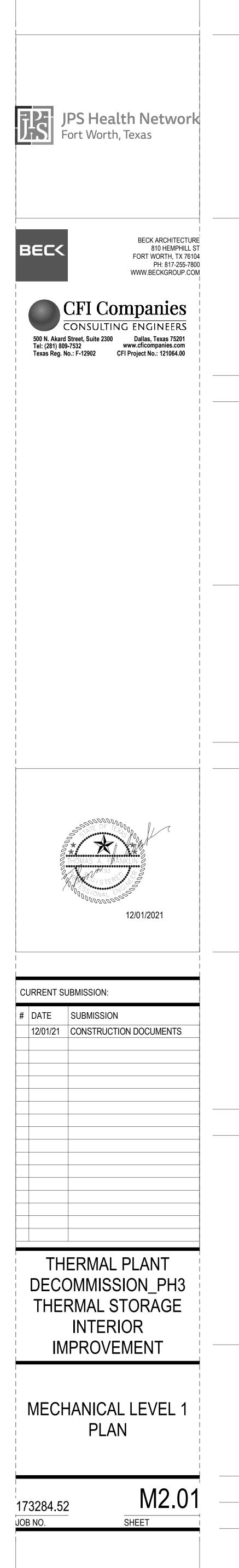
AD	ACCESS DOOR	GALV	GALVANIZED
ADJ	ADJUSTABLE	HP	HORSEPOWER
AFF	ABOVE FINISHED FLOOR	HVAC	HEATING, VENTILATING & AIR CONDITIONING
AFG	ABOVE FINISHED GRADE	ID	INSIDE DIAMETER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	IN	INCHES
ARCH ASTM	ARCHITECTURAL AMERICAN SOCIETY FOR TESTING MATERIALS	INSUL	INSULATION
ASYM	AMERICAN SOCIETY FOR TESTING MATERIALS	KW	
AUX	AUXILLIARY		KILOWATT
		LBS	POUNDS
BFP BLDG	BACKFLOW PREVENTER BUILDING	MACH	MACHINE
BOD	BOTTOM OF DUCT	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
BOD	BOTTOM OF PIPE		
BTUH	BRITISH THERMAL UNIT PER HOUR	MECH	MECHANICAL
Bron		MEZZ	MEZZANINE
COND	CONDENSATE	MFR	MANUFACTURER
COND	CONDENSATE	MTD	MOUNTED
CFM	CUBIC FEET PER MINUTE	MTR	MOTOR
		NTS	NOT TO SCALE
DB DIA	DRY BULB TEMPERATURE DIAMETER	NO	NORMALLY OPEN
		NC	NORMALLY CLOSED
(E)	EXISTING	O.A.	OUTSIDE AIR
EXH	EXHAUST	OD	OUTSIDE DIAMETER
EQMT	EQUIPMENT	ODP	OPEN DRIP PROOF
FF	FINISHED FLOOR	SD	SECONDARY DRAIN
FLR	FLOOR	TYP	TYPICAL
FT	FEET	UL	UNDERWRITERS LABORATORY
FD	FIRE DAMPER (W/ ACCESS DOOR)	VFD	VARIABLE FREQUENCY DRIVE
		VD	VOLUME DAMPER
		WG	WATER GAUGE

MECH	MECHANICAL SHEET INDEX				
Sheet Number	Sheet Number Sheet Name				
M0.01	MECHANICAL SYMBOLS & LEGENDS				
M2.01	MECHANICAL LEVEL 1 PLAN				
M8.01	M8.01 MECHANICAL SCHEDULES & DETAILS				

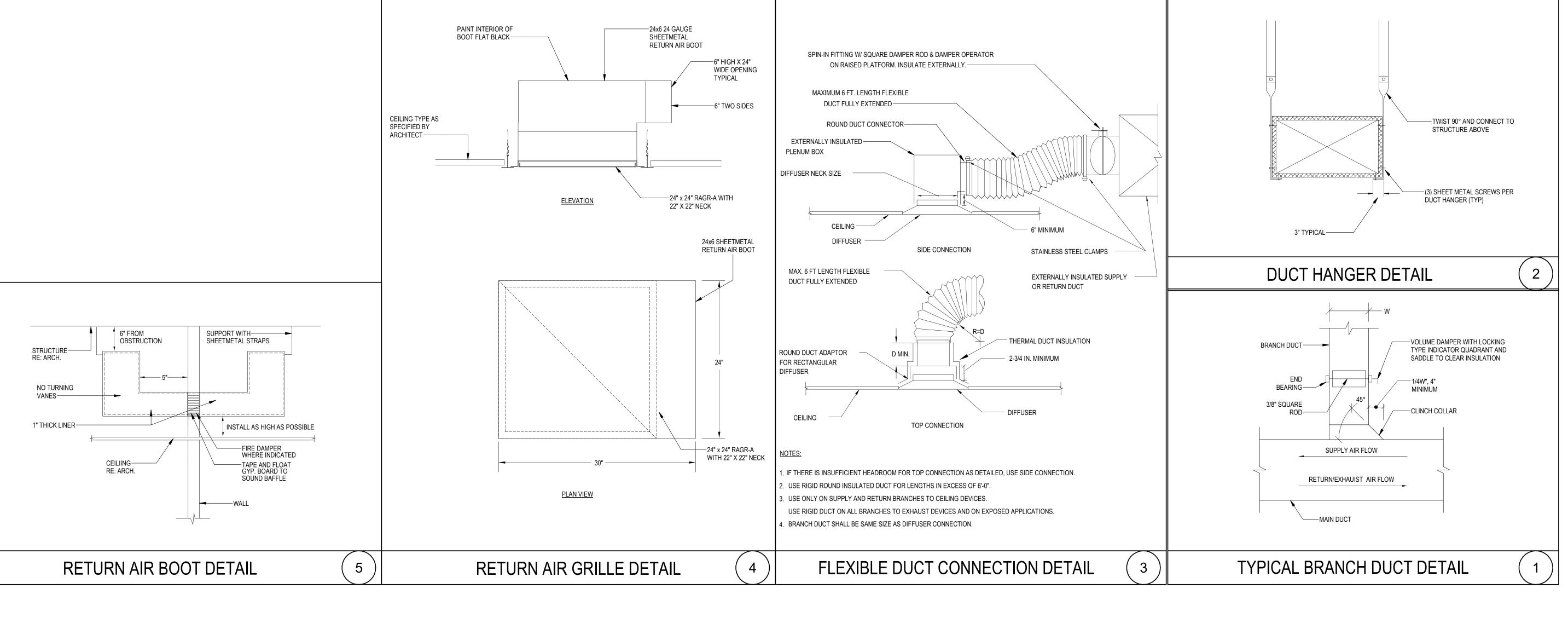




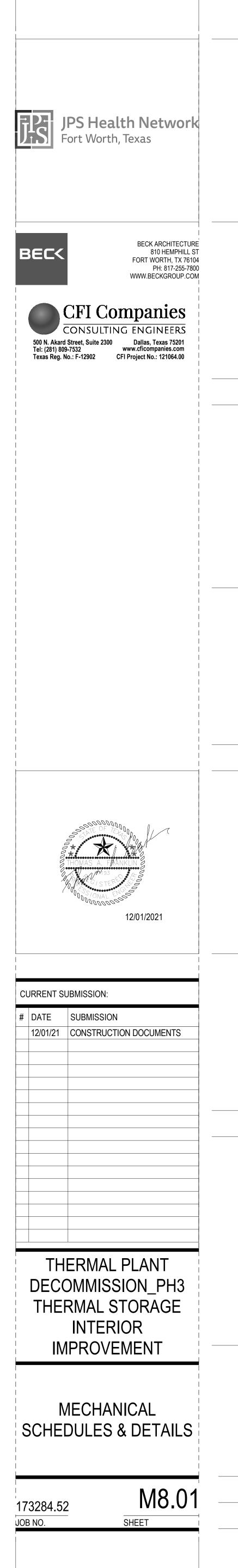
1) MECHANICAL LEVEL 1 PLAN 1/4" = 1'-0"







			AIR DEVICE SCHEDULE				
MARK	ТҮРЕ	MANUFACTURER/MODEL		REM	ARKS		
A	ARCHITECTURAL SQUARE PANEL SUPPLY AIR DEVICE	TITUS: OMNI-AA	24"X24" OR 12"X12" FACE AREA. AIR PATTERN SHALL BE 4-WAY T CONSTRUCTION DETAILS. FLEX SUPPLYING DIFFUSER TO BE SA		E NOTED ON DRAWING	SS. REFER TO ARCHITECTURAL D	RAWINGS FOR CEILING TYPE A
В	PERFORATED PANEL RETURN/EXHAUST AIR DEVICE	TITUS: PAR-AA	24"X24" OR 12"X12" FACE AREA WITH 22"X22" AND 10"X10" NECK DRAWINGS FOR CEILING TYPE AND CONSTRUCTION DETAILS. FI				ES. REFER TO ARCHITECTURA
С	SIDEWALL SUPPLY AIR DIFFUSER	TITUS: 272 FS	SUPPLY AIR DOUBLE-DEFLECTION RECTANGULAR SIDEWALL DI REFER TO PLANS FOR SIZE (W"XH") AND AIR QUANTITY. PROVID			ALLEL TO SHORT SECTION.	
D	SIDEWALL RETURN/EXHAUST GRILLE	TITUS: 350FL	SIDEWALL RETURN/EXHAUST GRILLE. 3/4" SPACE BLADES, 45 DE REFER TO PLANS FOR SIZE (W"XH") AND AIR QUANTITY. PROVID			DIMENSION.	
DTES:					AIR DEVICE	CONNECTION SCHEDU	LE
1 CEILING DI	IFFUSERS ARE 4-WAY UNLESS INDICATED OTHERWISE IN T	THE DRAWINGS.				BRANCH DUCT SIZE	
	BLOW CLIPS TO DIRECT AIR FLOW AWAY FROM WALLS AND E SURFACES OF THE RETURN/EXHAUST PLENUM AND DUC			AIR QUANTITY (CFM)	DEVICE NECK SIZE	ROUND DUCT	ALTERNATE RECTANGUL DUCT
4 AIR DEVICE	E FRAME AND STYLE SHALL MATCH CEILING TYPE. COORD	INATE WITH ARCHITECTURAL REFLECTED	D CEILING PLAN.	I		CEILING DIFFUSERS	
5 PROVIDE N	MANUFACTURER'S INSULATED BACKPAN FOR ALL SUPPLY	AIR DEVICES.		0-125	6"ø	6"ø	6X6
6 ALL AIR DE	EVICES SHALL BE ALUMINUM CONSTRUCTION.			126-250	8"ø	8"ø	8X8
7 REFER TO	ARCHITECT FOR FINISHES AND COLOR OF DEVICES.			251-375	10"ø	10"ø	10X10
				376-475	12"ø	12"ø	12X10
				476-600	14"ø	14"ø	14X14
				601-850	16"ø	16"ø	16X16
						SIDEWALL GRILLES	
				ALL CFM'S		REFER TO DRAWINGS	REFER TO DRAWINGS
						SLOT DIFFUSERS	
				0-125	6"ø	6"ø	REFER TO DRAWINGS
				256-250	8"ø	8"ø	
				276-375	10"ø	10"ø	



-)		
	-			

	PLUMBING SYMBOL LEGEND (CONTINUED)	PLUMBING PIPING LEGEND	<u>ABB</u>	REVIATIONS	GENERAL NOTES
	SYMBOL DESCRIPTION	PIPE TYPE ABBREV DESCRIPTION	A AMPS	INV. INVERT	1. ALL CONTRACT DOCUMENTS (SPECIFICATIONS AND DRAWINGS), I.E., ARCHITEC
	STMBOL DESCRIPTION		A.D. AREA DRAIN	IG ISOLATED GROUND	MECHANICAL, PLUMBING, AND ELECTRICAL ARE COMPLEMENTARY AND MUST BE OBTAIN COMPLETE CONSTRUCTION INFORMATION.
		Image: Image: AV ACID WASTE VENT Image: AW ACID WASTE	AFC ABOVE FINISHED CEILING AFF ABOVE FINISHED FLOOR		 ALL CONFLICTS, WHICH MAY PREVENT THE COMPLETION OF WORK AS INTENDED ARCHITECT'S ATTENTION.
	PRESSURE REDUCING VALVE TEMPERATURE AND PRESSURE RELIEF VALVE		AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE	KVA KILOVOLT AMPERES KW KILOWATT	3. THE CONTRACTOR SHALL NOT PROCEED WITH ANY RELATED WORK UNTIL ALL C
		CAI COMBUSTION AIR INTAKE	ADJ ADJACENT	KWH KILOWATT HOURS	THE CLARIFYING INFORMATION IS ISSUED TO THE CONTRACTOR BY THE ARCHIT
		CA COMPRESSED AIR	AC ALTERNATING CURRENT / ABOVE COUNTER	LAV LAVATORY	 IT IS THE INTENTION OF THESE DRAWINGS TO CALL FOR FINISHED WORK, I.E., FUREADY FOR OPERATION.
	UNION	CW DOMESTIC COLD WATER	ANSI AMERICAN NATIONAL STANDARDS	LTG LIGHTING LP LIGHTING PANEL	5. WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN, "FURNISH AND INSTAUSE."
	GATE VALVE	CWM CWM DOMESTIC COLD WATER MAKE-UP	ASTM AMERICAN SOCIETY FOR TESTING	LOC. LOCATED	6. THE PLUMBING DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHO
	GLOBE VALVE	CWS CWS DOMESTIC COLD WATER SOFTENED HW HW DOMESTIC HOT WATER		MACH MACHINE	ACCESSORY REQUIRED FOR A COMPLETE INSTALLATION. THE CONTRACTOR SH ARE REQUIRED TO ENSURE THAT THE ENTIRE SYSTEM IS FUNCTIONING IN COMP
	CHECK VALVE BUTTERFLY VALVE	HWR II HWR DOMESTIC HOT WATER RETURN	AWG AMERICAN WIRE GAUGE	MA MILLIAMPS	CODES, ACCEPTED INDUSTRY STANDARDS, AND MANUFACTURER'S INSTALLATIC REQUIREMENTS/RECOMMENDATIONS UPON COMPLETION OF THE WORK.
	VENT THRU ROOF		ASYM ASYMMETRICAL	MCB MAIN CIRCUIT BREAKER	7. ALL CUTTING, DRILLING AND PATCHING OF WALLS, FLOORS, AND/OR STRUCTUR/
		FPAS FRE PROTECTION AUTOMATIC SPRINKLER FPD FRE PROTECTION DRY	ATS AUTOMATIC TRANSFER SWITCH	MC METAL-CLAD CABLE MCM THOUSAND CIRCULAR MILS	INSTALLATION OF THE PLUMBING SYSTEMS SHALL BE PROVIDED. STRUCTURAL CUT, DRILLED OR MODIFIED IN A WAY WITHOUT THE STRUCTURAL ENGINEER'S R
	HOSE BIB	FPOFPOFIRE PROTECTION OTHER	AUX AUXILLARY	MTR MOTOR	APPROVAL.
	ANGLE VALVE	FPPA FIRE PROTECTION PRE-ACTION	B.F.P. BACKFLOW PREVENTER	MCC MOTOR CONTROL CENTER	8. PROVIDE NFPA APPROVED FIRE STOPPING WHERE PIPES PENETRATE FIRE RATE
	BALANCING VALVE	FPW FIRE PROTECTION WET	B.V. BALANCING VALVE B.D. BALCONY DRAIN	MCP MOTOR CONTROL PANEL	 IF BASE BUILDING SPECIFICATIONS EXCEED SPECIFICATIONS HEREIN, THEN BAS BE FOLLOWED.
	→→→ FIRE DEPARTMENT VALVE AT RISER	GW GW GREASE WASTE	B.S. BAR SINK	MTD MOUNTED	
		GWW GWW GREY WATER WASTE	B.T. BATHTUB / SHOWER	NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRIC	PIPE MATERIAL LIST
	OS+Y VALVE	MA MEDICAL AIR	BLW BELOW	MANUFACTURERS ASSOCIATION	
		NN MEDICAL NITROGEN	BLDG BUILDING CAT CATALOG	NETA NATIONAL ELECTRICAL TESTING ASSOCIATION	ABOVE GRADE, INSIDE BUILDING:
	REDUCED PRESSURE BACKFLOW	N20 MEDICAL NITROUS OXIDE	CLG CEILING	NFPA NATIONAL FIRE PROTECTION ASSOCIATION	STORM, SANITARY WASTE, AND VENT PIPING SHALL BE:
			C.V. CHECK VALVE	N NEUTRAL	NO-HUB STANDARD WEIGHT CAST IRON PIPE WITH HEAVY DUTY NO-HUB DRAINAGE F STEEL COUPLINGS THAT MEET ASTM C 1540.
		MV MEDICAL VACUUM WAGD WAGD MEDICAL WAGD	CKT CIRCUIT	NF NON-FUSE	DOMESTIC WATER PIPING SHALL BE:
		G G NATURAL GAS	C/B CIRCUIT BREAKER	N.C. NORMALLY CLOSED	DRAWN (HARD) COPPER WATER TUBE, TYPE "L", ASTM B88, WITH WROUGHT COPPER SOLDER JOINTS.
		RO REVERSE OSMOSIS WATER	C.O. CLEANOUT CL CLOCK	N.O. NORMALLY OPEN O/C OVERCURRENT	FIRE PROTECTION PIPING SHALL BE: SCHEDULE 40 BLACK STEEL PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF NFF
	ACCESS PANEL FOR TRAP PRIMER	SAN SANITARY WASTE	CL CLOCK C.W. COLD WATER	O/C OVERCURRENT OL OVERLOAD	PROTECTION SYSTEMS. CONFORM TO ASTM A53 AND A120. PROVIDE PIPING WITH M STEEL WELDED OR SCREWED FITTINGS. VICTAULIC GROOVED FITTINGS MAY BE USE
	ACCESS PANEL LOCATION SYMBOL	= = = SV = = = SV SANITARY VENT	COL COLUMN	OFCI OWNER FURNISHED AND CONTRACTOR	ACCESSIBLE LOCATIONS ONLY.
		SD SD STORM	CONC CONCRETE	INSTALLED OFI OWNER FURNISHED AND INSTALLED	BELOW GRADE INSIDE BUILDING:
		OD OD STORM OVERFLOW PSD PSD STORM PUMPED	COND. CONDENSATE	PNL PANEL	STORM, SANITARY WASTE, AND VENT PIPING SHALL BE:
	PRESSURE GAUGE THERMOMETER	PSD PSD STORM POMPED TP TP TRAP PRIMER	C CONDUIT	PH PHASE	NO-HUB STANDARD WEIGHT CAST IRON PIPE WITH HEAVY DUTY NO-HUB DRAINAGE F STEEL COUPLINGS THAT MEET ASTM C 1540.
_	CD————————————————————————————————————	V VACUUM	CONT. CONTINUE CONT CONTINUOUS	PLB PLUMBING	DOMESTIC WATER PIPING SHALL BE:
	BRANCH CONNECTION, TOP	VE VACUUM PUMP EXHAUST	CONV CONVENIENCE	P POLES	DRAWN (HARD) COPPER WATER TUBE, TYPE "L", ASTM B88, WITH WROUGHT COPPER SOLDER JOINTS.
	BRANCH CONNECTION, BOTTOM	(N)NEW CONNECTION TO (E)EXISTING	CFH CUBIC FEET PER HOUR	PVC POLYVINYL CHLORIDE P/T POTENTIAL TRANSFORMER	
			CFM CUBIC FEET PER MINUTE	P/T POTENTIAL TRANSFORMER LBS POUNDS	
	CLEANOUT (AT FLOOR) (FCO)	NEW CONSTRUCTION	C/T CURRENT TRANSFORMER	P.S.I. POUNDS PER SQUARE INCH	
	CLEANOUT (ON GRADE) WITH 18" X 18" X 4" CONCRETE PAD (COTG)	EXISTING TO REMAIN	D.D. DECK DRAIN °F DEGREES FARENHEIT	PWR POWER	
			D. DRAIN	PF POWER FACTOR	
	→ → → CLEANOUT (TWO-WAY) (PROVIDE CONCRETE PAD OUTSIDE 18" X 24" X 4")	— — — — EXISTING TO BE DEMOLISHED	D.F.U. DRAINAGE FIXTURE UNITS	PP POWER PANEL	
	WALL CLEANOUT		DC DIRECT CURRENT	PB PULL BOX QUAD QUADRUPLEX	
		PLUMBING NOTES AND DESIGNATIONS	DIA DIAMETER	RECEPT RECEPTACLE	
_	লা FLOOR DRAIN/FLOOR SINK (FD) (FS)		DP DISTRIBUTION PANEL DWG DRAWING	REL RELOCATE	
	SHOCK ABSORBER		(E) EXISTING / EXISTING TO REMAIN	R REMOVE	
		P-1 BECTION DESIGNATION	EL ELEVATION	RC REMOTE CONTROL	
	PIPE CONTINUATION NEW CONNECTION TO EXISTING		ELEC ELECTRIC	REQ REQUIRED REV REVERSE	
	→ WEW CONNECTION TO EXISTING → → → → → → → → → → → → → → → → → → →	I.E=-X'-0" INVERT ELEVATION NOTE	ELEV ELEVATOR	RM ROOM	
	BRANCH CONNECTION OUT OF BOTTOM	1, 2 NOTE DESIGNATIONS	EM ON EMERGENCY CIRCUIT EQ EQUIVALENT	RMS ROOT MEAN SQUARE	
	BRANCH CONNECTION OUT OF SIDE	P-XX PLUMBING FIXTURE DESIGNATION	EMT ELECTRICAL METALLIC TUBING	SK SINK	
			EPO EMERGENCY POWER OFF	SP SPARE SPKR SPEAKER	
	BRANCH CONNECTION OUT OF TOP	$ \begin{array}{c} DS \\ \hline 1 $	EQMT EQUIPMENT	SPECS SPECIFICATIONS	
	CAP ON END OF PIPE		F.D.C. FIRE DEPARTMENT CONNECTION	SPKLR SPRINKLER	
			F.H.C. FIRE HOSE CABINET F. FIRE	SQ SQUARE	
			FA FIRE ALARM	STD STANDARD	
			FIXT FIXTURE	SURF SURFACE	
			FL FLUSH	SPD SURGE PROTECTION DEVICE SUSP SUSPENDED	
			FLA FULL LOAD AMPERES	SW SWITCH	
				SWBD SWITCHBOARD	
			F.F. FINISHED FLOOR FLR FLOOR	SWGR SWITCHGEAR	
			F.C.O. FLOOR CLEAN OUT	SYM SYMMETRICAL	
			F.D. FLOOR DRAIN	XFMR TRANSFORMER TYP TYPICAL	
			F.S. FLOOR SINK		
				UC UNDERCOUNTER	
			GA GAUGE	UFD UNDER FLOOR DUCT	
			GALV GALVANIZED		
				UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINAL	
			GALV GALVANIZED GRC GALVANIZED RIGID CONDUIT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOF	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINAL	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATING	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTOR	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOF	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOFVERTVERTICALVVOLTSVAVOLT AMPERES	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTER	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOFVERTVERTICALVVOLTSVAVOLT AMPERESW.C.O.WALL CLEAN OUT	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOFVERTVERTICALVAVOLTSVAVOLT AMPERESW.C.O.WALL CLEAN OUTW.H.WALL HYDRANT	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTION	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOFVERTVERTICALVVOLTSVAVOLT AMPERESW.C.O.WALL CLEAN OUT	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGTGREASE TRAP	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGV.T.R.VENT THRU ROOFVERTVERTICALVVOLTSVAVOLT AMPERESVA.O.WALL CLEAN OUTW.H.WASHER BOX	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE WASTE	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVAVOLTSVAVOLT AMPERESVA.O.WALL CLEAN OUTW.H.WASHER BOXW&VWASTE AND VENT	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE WASTEH.W.HOT WATER RETURNHGTHEIGHT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVRVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVAVOLTSVA.VOLTAMPERESW.C.O.WALL CLEAN OUTW.B.WASHER BOXW&VWASTE AND VENTW&VWASTE STACKWC.WATER CLOSETW.C.WATER COLUMN	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPH.W.HOT WATERH.W.R.HOT WATERHOT WATER RETURNHGTHEIGHTHORIZHORIZONTAL	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENT UATINGVENTVENT THRU ROOFVERTVERTICALVVOLTSVAVOLT AMPERESVC.O.WALL CLEAN OUTV.H.WALL HYDRANTVB.WASTE AND VENTVSWASTE STACKVC.O.WATER CLOSETVR.WATER CLOUMNVPWEATHERPROOF	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE WASTEH.W.HOT WATER RETURNHGTHEIGHT	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVRVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVAVOLTSVA.VOLTAMPERESW.C.O.WALL CLEAN OUTW.B.WASHER BOXW&VWASTE AND VENTW&VWASTE STACKWC.WATER CLOSETW.C.WATER COLUMN	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE TRAPG.W.HOT WATERH.W.R.HOT WATERH.W.R.HOT WATER RETURNHGTHEIGHTHORIZHORSEPOWERHTGHEATINGHVACHEATING & AIR	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVVOLTSVA.VOLT AMPERESV.C.O.WALL CLEAN OUTV.H.WALL HYDRANTVB.WASHER BOXVASVWASTE STACKVGC.WATER CLOSETV.C.WATER COLUMNVPWEATHERPROOFVBWEATHERPROOFVGWIRE GUARD	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE WASTEH.W.HOT WATER RETURNHGTHEIGHTHORIZHORIZONTALHTGHEATINGHVACHEATING, VENTILATING & AIR CONDITIONING	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVAVOLTSVAVOLT AMPERESVA.C.O.WALL CLEAN OUTW.B.WASHER BOXW&VWASTE AND VENTWSWASTE STACKWC.WATER CLOSETW.C.WATER COLUMNWPWEATHERPROOFWGWIRE GUARDYDYARD	
			GALVGALVANIZEDGRCGALVANIZED RIGID CONDUITG.P.H.GALLONS PER HOURG.P.M.GALLONS PER MINUTEG.V.GREASE VENTG.C.O.GRADE CLEAN OUTGCGENERAL CONTRACTORGNDGROUNDGFIGROUND FAULT CIRCUIT INTERRUPTERGFPGROUND FAULT PROTECTIONGTGREASE TRAPG.W.GREASE TRAPG.W.HOT WATERH.W.R.HOT WATERH.W.R.HOT WATER RETURNHGTHEIGHTHORIZHORSEPOWERHTGHEATINGHVACHEATING & AIR	UFDUNDER FLOOR DUCTULUNDERWRITERS LABORATORIES, INC.URURINALVPVAPORPROOFVENTVENTILATINGVENTVENT THRU ROOFVERTVERTICALVAVOLTSVAVOLT AMPERESVA.C.O.WALL CLEAN OUTW.B.WASHER BOXW&VWASTE AND VENTWSWASTE STACKWC.WATER CLOSETW.C.WATER COLUMNWPWEATHERPROOFWGWIRE GUARDYDYARD	

GENERAL NOTES

DNTRACT DOCUMENTS (SPECIFICATIONS AND DRAWINGS), I.E., ARCHITECTURAL, STRUCTURAL, ANICAL, PLUMBING, AND ELECTRICAL ARE COMPLEMENTARY AND MUST BE USED IN COMBINATION TO N COMPLETE CONSTRUCTION INFORMATION.

ONFLICTS, WHICH MAY PREVENT THE COMPLETION OF WORK AS INTENDED, SHALL BE BROUGHT TO THE ITECT'S ATTENTION. ONTRACTOR SHALL NOT PROCEED WITH ANY RELATED WORK UNTIL ALL CONFLICTS ARE RESOLVED AND

LARIFYING INFORMATION IS ISSUED TO THE CONTRACTOR BY THE ARCHITECT. HE INTENTION OF THESE DRAWINGS TO CALL FOR FINISHED WORK, I.E., FULLY ADJUSTED, TESTED, AND

Y FOR OPERATION. EVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN, "FURNISH AND INSTALL COMPLETE AND READY FOR

LUMBING DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY COMPONENT AND/OR SSORY REQUIRED FOR A COMPLETE INSTALLATION. THE CONTRACTOR SHALL INCLUDE SUCH ITEMS AS EQUIRED TO ENSURE THAT THE ENTIRE SYSTEM IS FUNCTIONING IN COMPLIANCE WITH APPLICABLE S, ACCEPTED INDUSTRY STANDARDS, AND MANUFACTURER'S INSTALLATION

UTTING, DRILLING AND PATCHING OF WALLS, FLOORS, AND/OR STRUCTURAL MEMBERS FOR THE LLATION OF THE PLUMBING SYSTEMS SHALL BE PROVIDED. STRUCTURAL COMPONENTS SHALL NOT BE DRILLED OR MODIFIED IN A WAY WITHOUT THE STRUCTURAL ENGINEER'S REVIEW AND PRIOR WRITTEN

IDE NFPA APPROVED FIRE STOPPING WHERE PIPES PENETRATE FIRE RATED FLOORS AND WALLS. E BUILDING SPECIFICATIONS EXCEED SPECIFICATIONS HEREIN, THEN BASE BUILDING STANDARDS SHALL

PIPE MATERIAL LIST

ADE, INSIDE BUILDING:

NITARY WASTE, AND VENT PIPING SHALL BE: ANDARD WEIGHT CAST IRON PIPE WITH HEAVY DUTY NO-HUB DRAINAGE FITTINGS USING STAINLESS JPLINGS THAT MEET ASTM C 1540.

WATER PIPING SHALL BE: ARD) COPPER WATER TUBE, TYPE "L", ASTM B88, WITH WROUGHT COPPER FITTINGS, ANSIB16.22 AND 95-5 INTS. ECTION PIPING SHALL BE:

40 BLACK STEEL PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA FOR APPLICABLEFIRE ON SYSTEMS. CONFORM TO ASTM A53 AND A120. PROVIDE PIPING WITH MALLEABLE IRON, CAST IRON, LDED OR SCREWED FITTINGS. VICTAULIC GROOVED FITTINGS MAY BE USED ABOVE GRADE IN LE LOCATIONS ONLY.

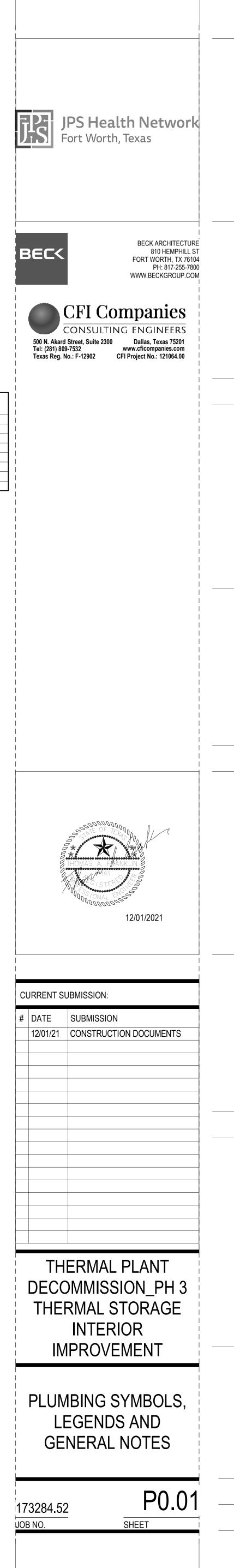
ADE INSIDE BUILDING:

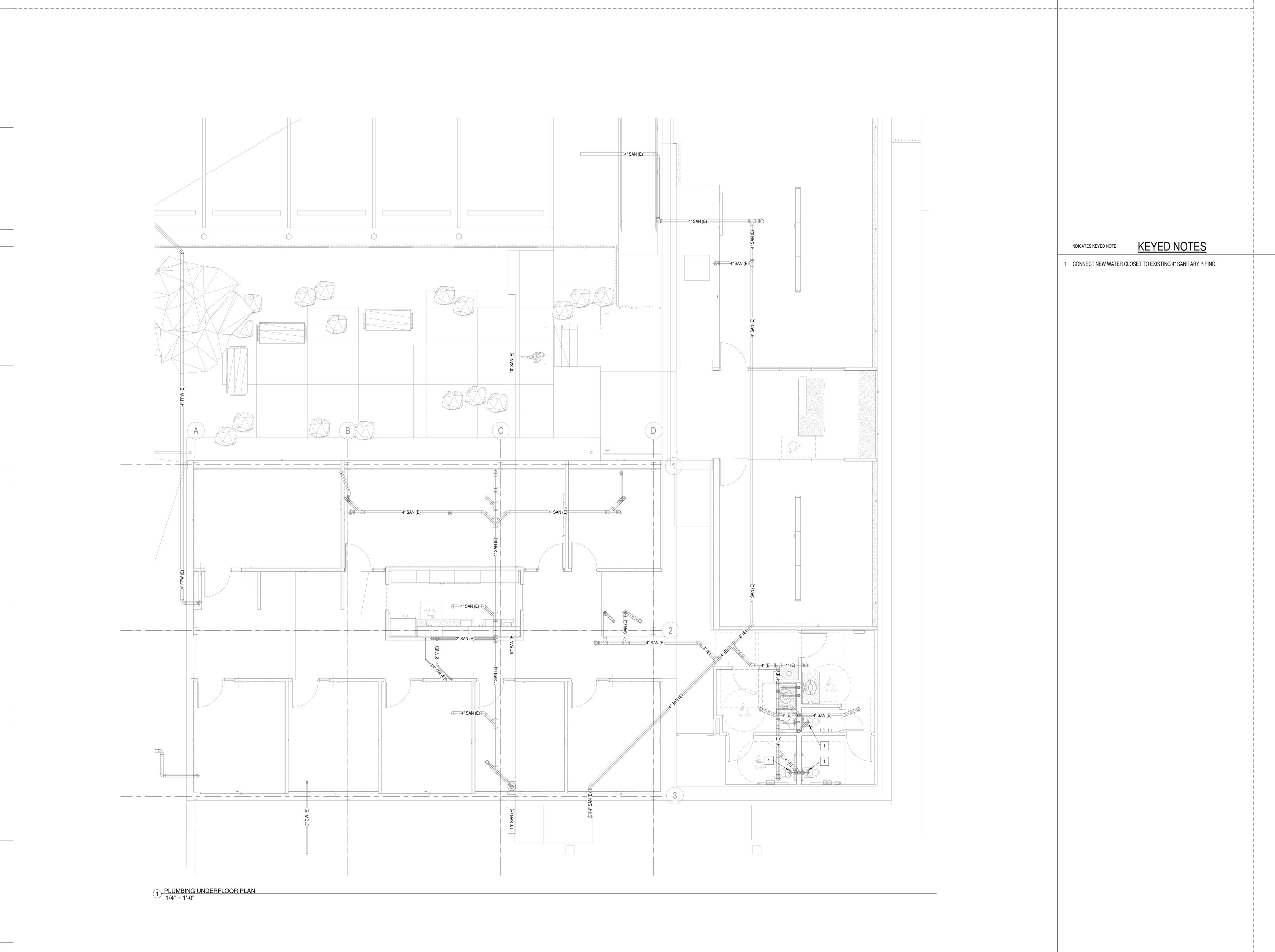
NITARY WASTE, AND VENT PIPING SHALL BE: ANDARD WEIGHT CAST IRON PIPE WITH HEAVY DUTY NO-HUB DRAINAGE FITTINGS USING STAINLESS JPLINGS THAT MEET ASTM C 1540.

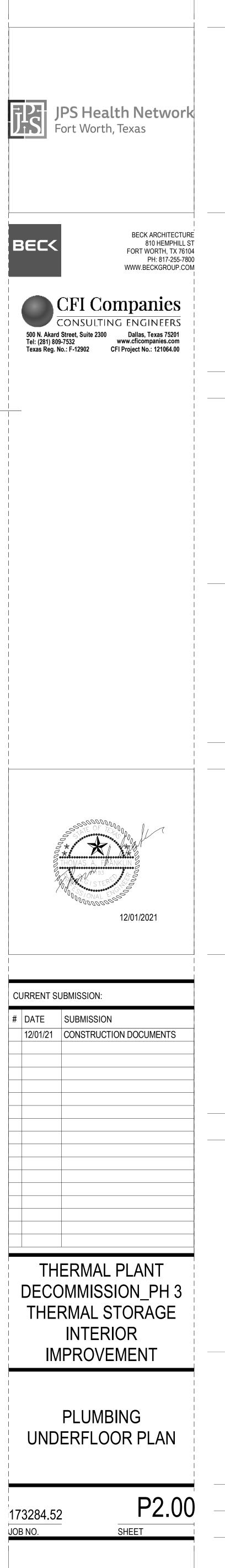
ARD) COPPER WATER TUBE, TYPE "L", ASTM B88, WITH WROUGHT COPPER FITTINGS, ANSI B16.22 AND 95-5

DRAWING LIST

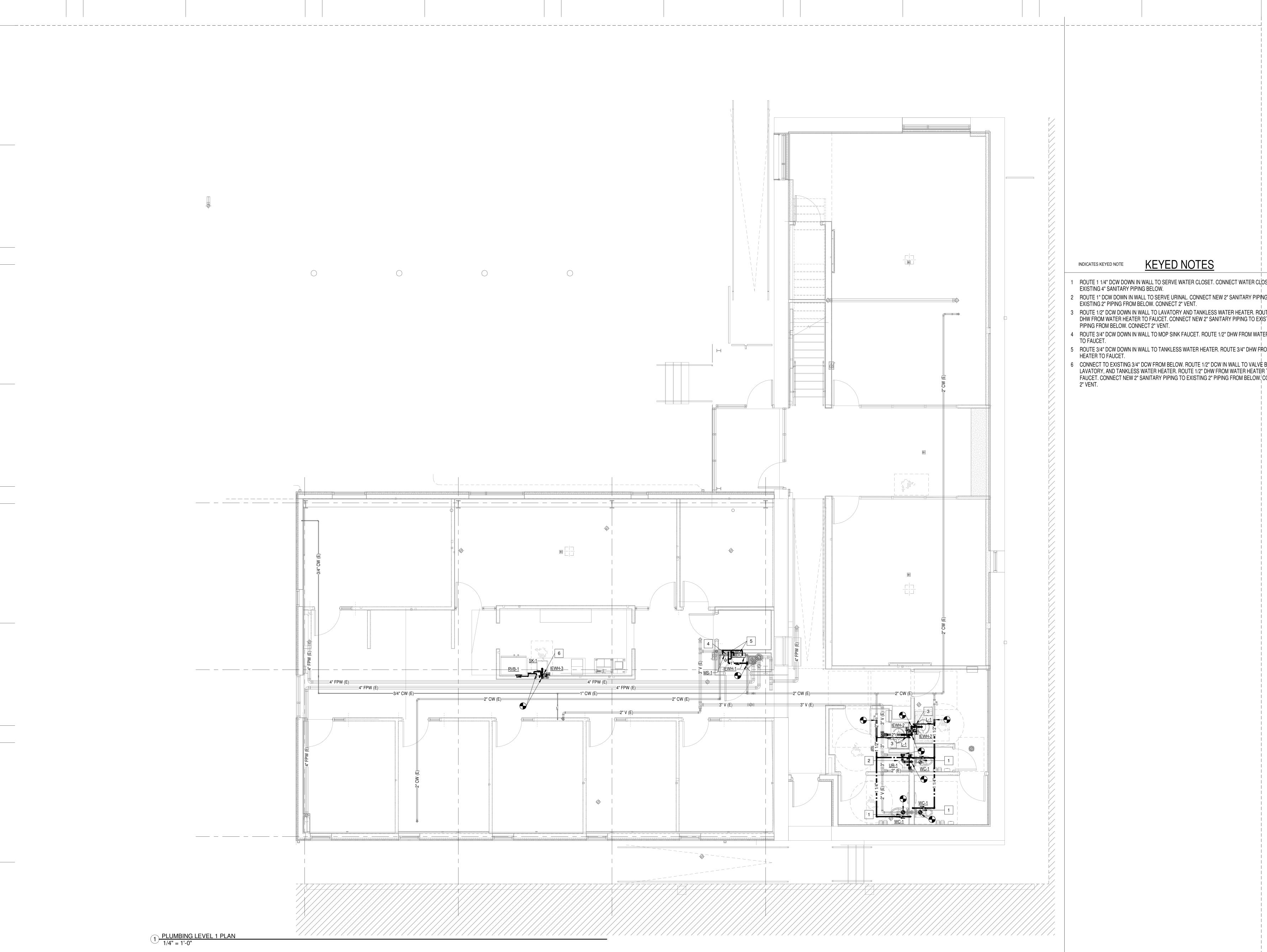
heet Number	Sheet Name	
01	PLUMBING SYMBOLS, LEGENDS AND GENERAL NOTES	
00	PLUMBING UNDERFLOOR PLAN	
01	PLUMBING LEVEL 1 PLAN	
01	PLUMBING RISERS	
)2	PLUMBING RISERS	
01	PLUMBING SCHEDULES	
01	PLUMBING DETAILS	





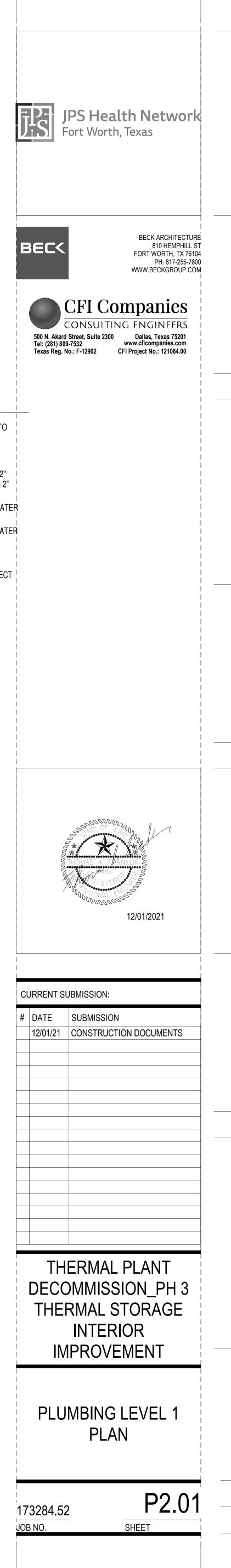


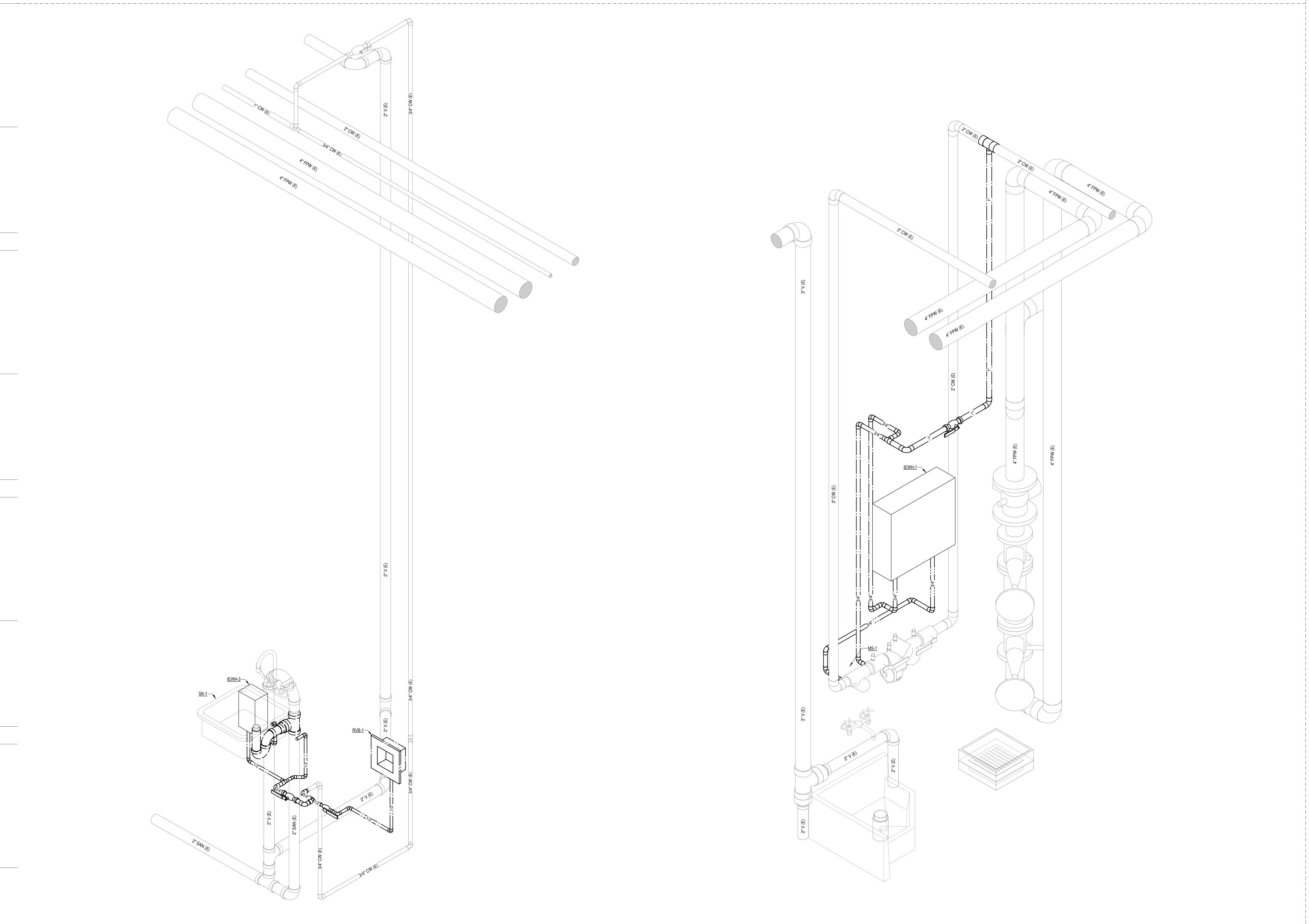
1) PLUMBING LEVEL 1 PLAN 1/4" = 1'-0"



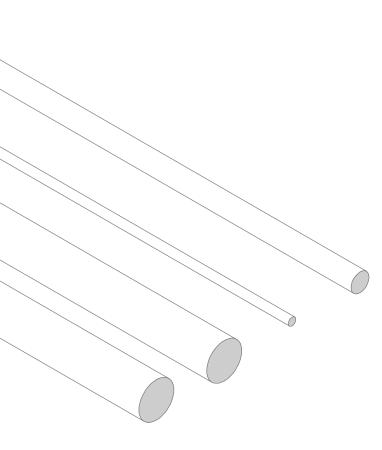
	INDICATES KEYED NOTE	KEYED NOTES	
1	ROUTE 1 1/4" DCW DOWN IN EXISTING 4" SANITARY PIPII	I WALL TO SERVE WATER CLOSET. CONNECT WATER CLOSET	٦

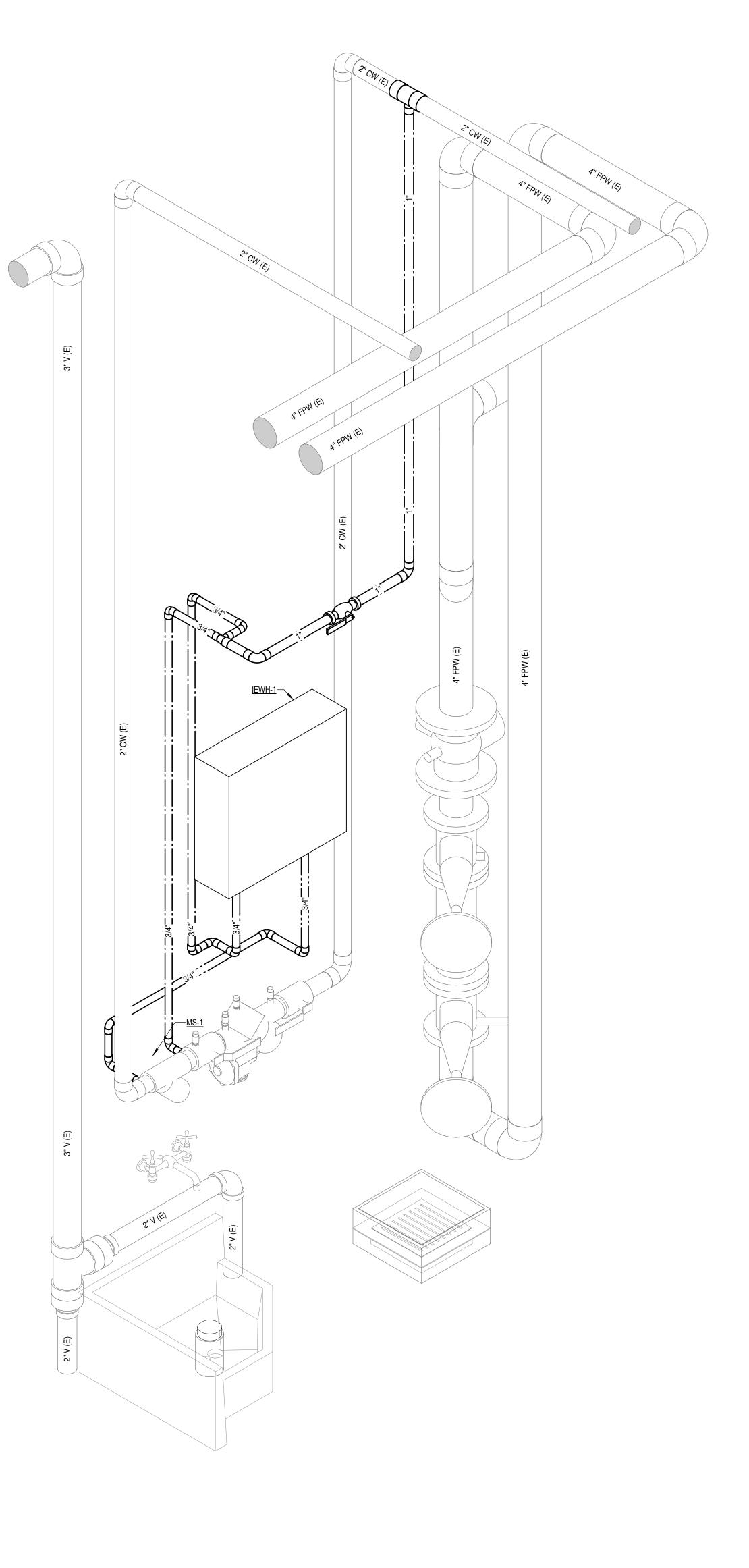
- 2 ROUTE 1" DCW DOWN IN WALL TO SERVE URINAL. CONNECT NEW 2" SANITARY PIPING TO EXISTING 2" PIPING FROM BELOW. CONNECT 2" VENT.
- ROUTE 1/2" DCW DOWN IN WALL TO LAVATORY AND TANKLESS WATER HEATER. ROUTE 1/2" DHW FROM WATER HEATER TO FAUCET. CONNECT NEW 2" SANITARY PIPING TO EXISTING 2"
- PIPING FROM BELOW. CONNECT 2" VENT. 4 ROUTE 3/4" DCW DOWN IN WALL TO MOP SINK FAUCET. ROUTE 1/2" DHW FROM WATER HEATER TO FAUCET.
- 5 ROUTE 3/4" DCW DOWN IN WALL TO TANKLESS WATER HEATER. ROUTE 3/4" DHW FROM WATER HEATER TO FAUCET.
- CONNECT TO EXISTING 3/4" DCW FROM BELOW. ROUTE 1/2" DCW IN WALL TO VALVE BOX, LAVATORY, AND TANKLESS WATER HEATER. ROUTE 1/2" DHW FROM WATER HEATER TO FAUCET. CONNECT NEW 2" SANITARY PIPING TO EXISTING 2" PIPING FROM BELOW, CONNECT 2" VENT.



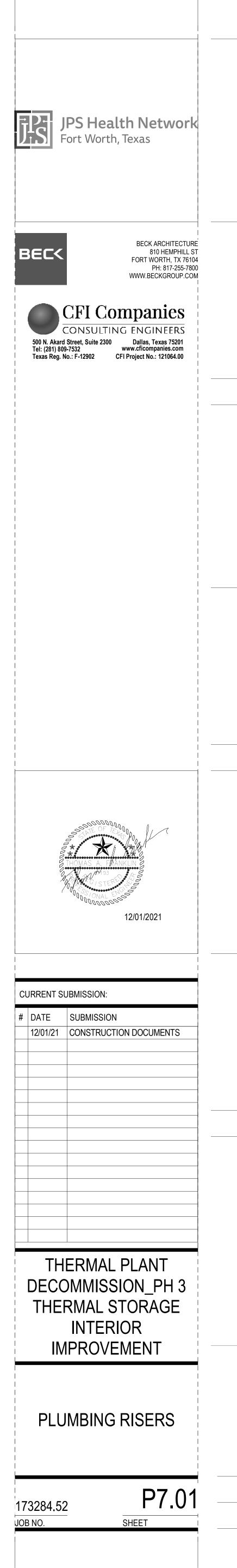


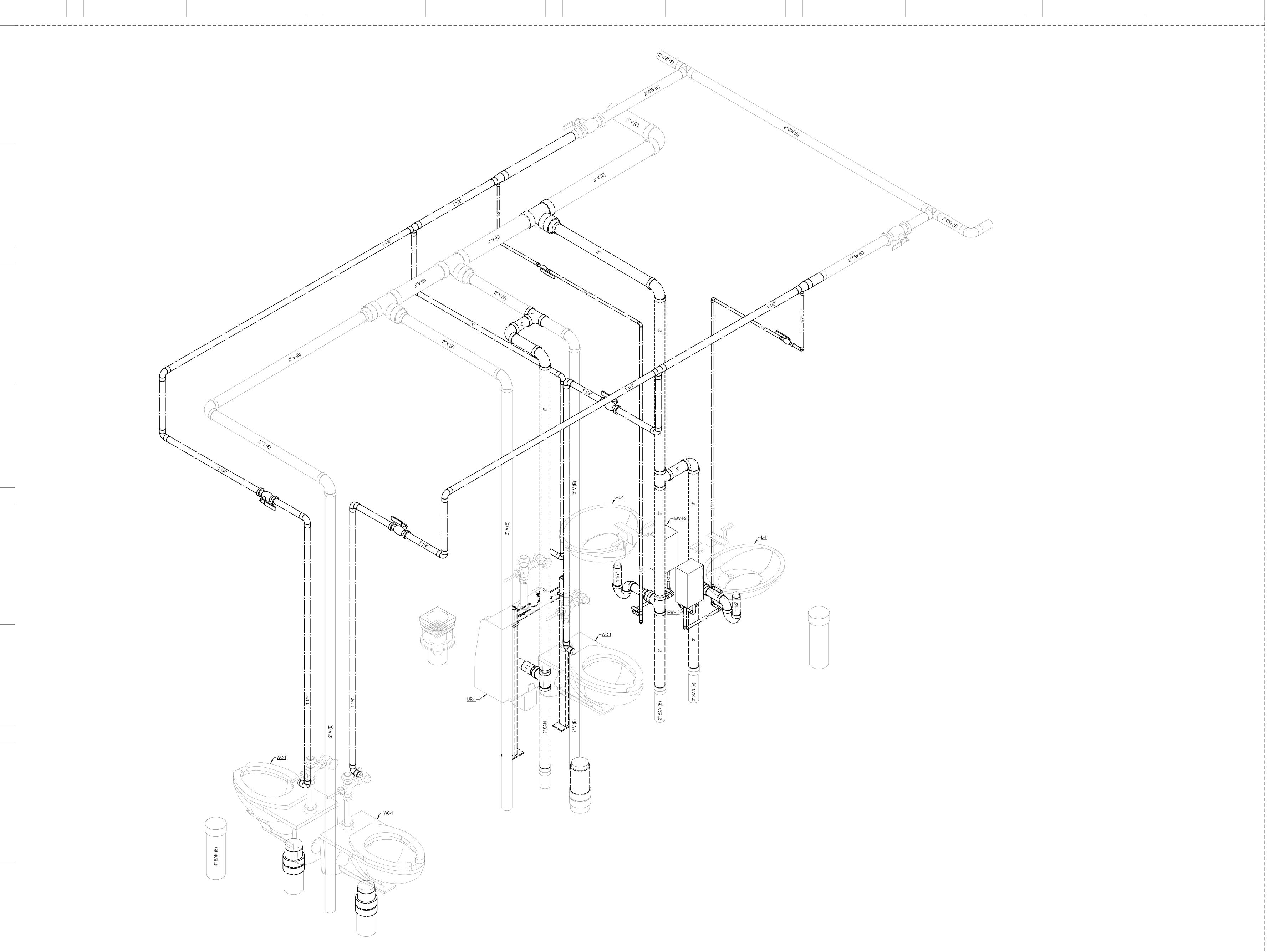
1) PLUMBING RISER BREAK ROOM



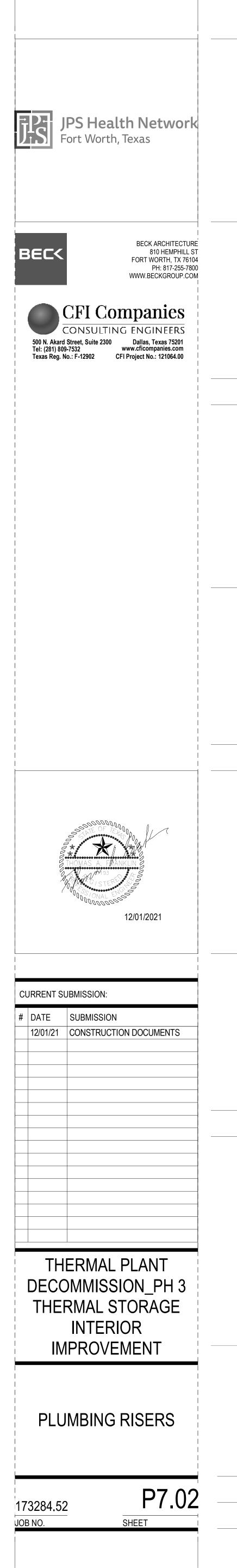


2 PLUMBING RISER MOP SINK





1) PLUMBING RISER RESTROOMS

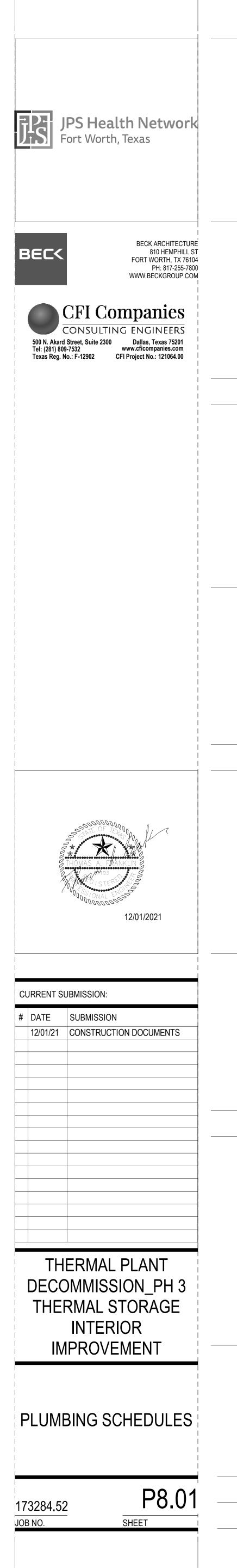


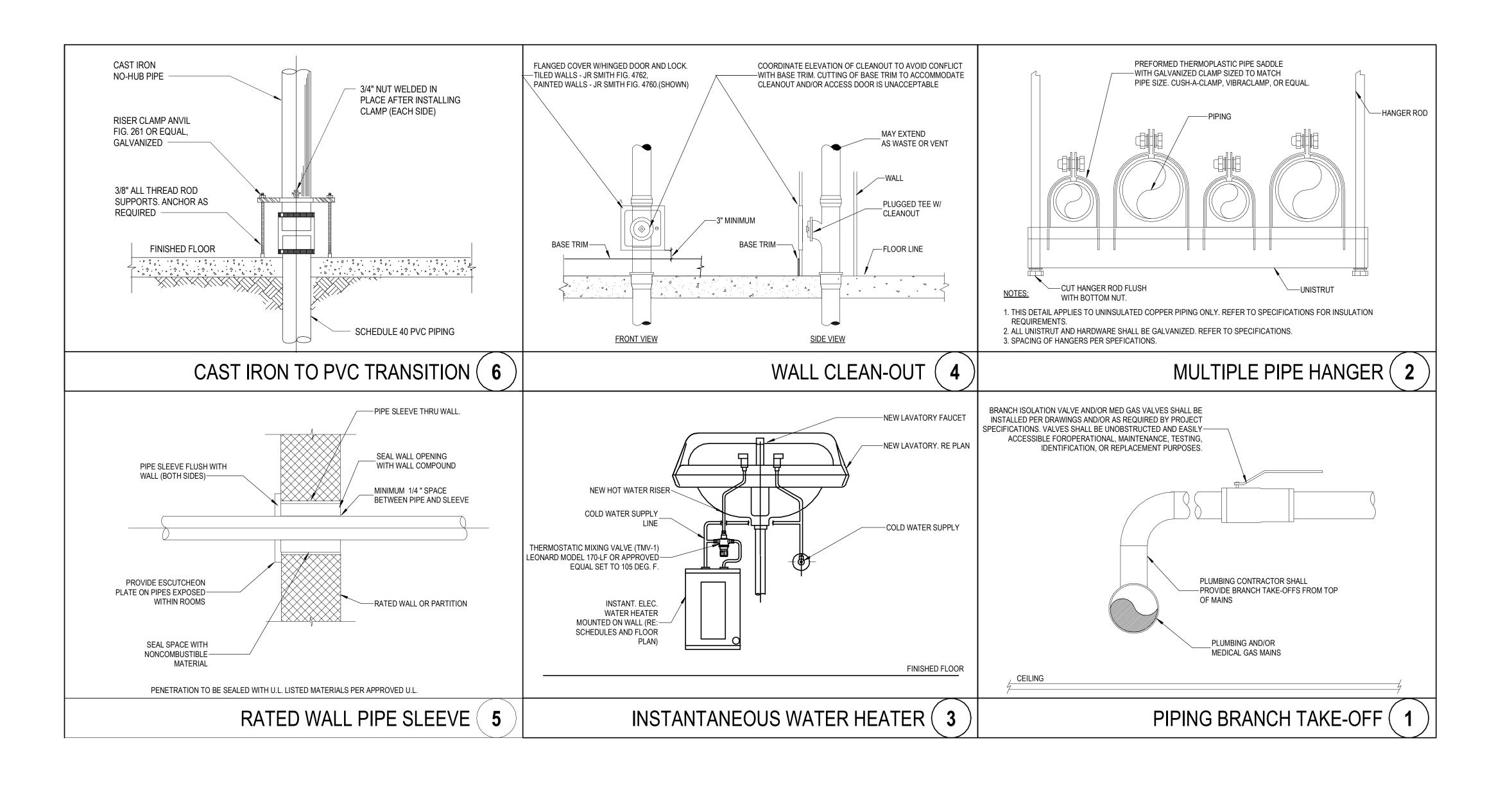
SHOCK	ARRESTOR SCHEDULE
FIXTURE UNITS	SIZE
1-11	1/2" NPT
12-32	3/4" NPT
33-60	1" NPT
61-113	1 1/4" NPT
114-154	1 1/2" NPT
155-330	2" NPT

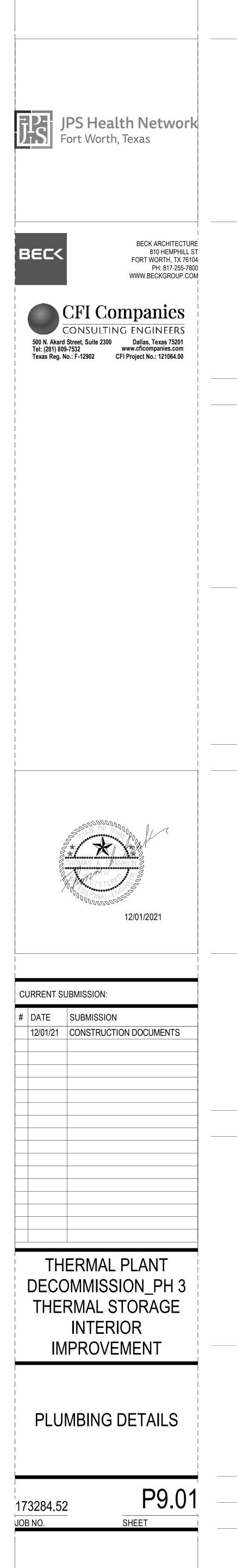
	ELECTRIC WATER HEATER SCHEDULE								
MARK	MODEL AND DESCRIPTION	KW	VOLTS/PHASE	REMARKS					
<u>IEWH-1</u>	EEMAX MODEL XTP036480. SET @140°.	36	480/3	PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.					
<u>IEWH-2</u>	EEMAX MODEL AM004277T. SET @105°.	4.1	277/1	PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.					
IEWH-3	EEMAX MODEL AM010277T. SET @105°.	10	277/1	PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.					

NOTES: 1. ALL FIXTURE WATER SUPPLIES SHALL BE INSTALLED WITH APPROPRIATELY SIZED ARRESTORS IN COMPLIANCE WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

		PLUMBING FIXTURE SCHED	DULE	
ID	ITEM	MANUFACTURER/ MODEL NO.	FIXTURE SERVICE	REMARKS
<u>WC-1</u>	WATER CLOSET FLOOR MOUNTED BARRIER-FREE	AMERICAN STANDARD MODEL NO. 3043.001 "MADERA" FLOWISE ELONGATED WALL FLOOR OUTLET, VITREOUS CHINA WATER CLOSET, 1.28 GALLON FLUSH HET, W/RIM @ 17" AFF. INCLUDES OPEN FRONT SEAT. FLUSH VALVE: SLOAN ROYAL MODEL 111-1.28 MANUAL FLUSH VALVE.	1-1/4" CW 4" WASTE 2" VENT	RE: ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. FLUSH HANDLE SHALL BE ON ACCESSIBLE SIDE OF TOILET ROOM OR STALL.
<u>UR-1</u>	URINAL WALL HUNG BARRIER-FREE	AMERICAN STANDARD #6590.001 WASHBROOK , 0.5 GPF VITREOUS CHINA URINAL. SLOAN FLUSH VALVE MODEL NO. 186-0.5 GPF WITH JAY R. SMITH #0614 OR AS REQUIRED.	3/4" CW 2" WASTE 2" VENT	REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHT AND ADA REQUIREMENTS.
<u>L-1</u>	LAVATORY UNDERCOUNTER BARRIER-FREE SENSOR OPERATED	KHOLER MODEL K2214 "LADENA" UNDERCOUNTER MOUNT SINK. DELANY MODEL SF1596-B/E-DP4 CENSOR OPERATED FAUCET WITH 0.35GPM AERATOR. FURNISH W/JAY R. SMITH #0710 FLOOR-MOUNTED LAVATORY SUPPORT W/CONCEALED ARMS. TRIM: MCGUIRE #155WC GRID DRAIN W/1 1/4" TAILPIECE, OFFSET FOR WHEELCHAIR USE, #8872 - 1 1/4" P-TRAP, #H-2165 SUPPLY STOPS. LEONARD #170-LF-BRKT POINT OF USE MIXING VALVE.	1/2" CW 1/2" HW 2" WASTE 2" VENT	PRE-FABRICATED INSULATION ON WATER LINES AND P-TRAP: BROCAR PRODUCTS, INC., TRAP WRAP TRUE BRO, INC., HANDI LAV GUARD, MCGUIRE PRO-WRAP. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHT.
<u>SK-1</u>	DOUBLE COMPARTMENT SINK GOOSENECK SPOUT WRISTBLADE HANDLES	ELKAY MODEL NO. LRAD252155, SINGLE COMP, SELF RIMMING STAINLESS STEEL SINK. CHICAGO FAUCET NO. 786-E2805-5ABCP 4" WRIST BLADE HANDLES WITH RIGID/SWING GOOSENECK SPOUT AND 0.5 GPM VANDAL PROOF NON-AERATING SPRAY. MCGUIRE NO. 152 GRID DRAIN WITH 1 1/2" TAILPIECE, WITH OFFSET #8089 P-TRAP, #H-2165 SUPPLY STOPS - 1 1/2" P-TRAP. LEONARD #170-LF- BRKT POINT OF USE MIXING VALVE.	1/2" CW 1/2" HW 2" WASTE 2" VENT	SINGLE COMPARTMENT SINK W/INTEGRAL 0.5 GPM FLOW AERATOR. PRO-WRAP (OR EQUAL) TRAP WRAP KIT.
<u>MS-1</u>	MOP SINK FLOOR MOUNT	EXISTING MOP SINK RECIVER. FURNISH NO. T-35 HOSE AND WALL HOOK, AND T-40 MOP HANGER. CHICAGO FAUCET NO. 897 FAUCET WITH VACUUM BREAKER AND WALL BRACE.	3/4" CW 3/4" HW 3" WASTE 2" VENT	STAINLESS STEEL CAP AND 3 INCH CHROME DRAIN, 24X24X12 INCHES, MOUNT VACUUM BREAKER 7 FT. 6 INCHES A.F.F.
<u>RVB-1</u>	RECESSED VALVE BOX	GUY GRAY MODEL BIM875AB LEAD FREE. PROVIDE WITH 1/2" FTP INLET X 1/4" O.D. OUTLET COMPRESSION ANGLE VALVE TUBE, CHROME PLATED SUPPLY STOP. PROVIDE CUNO #AP717 FILTER BRACKETED TO WALL.	1/2" CW	VERIFY MOUNTING HEIGHT OF BOX WITH ARCHITECTURAL DRAWINGS. VERIFY EXACT LOCATION OF WATER FILTER WITH ARCHITECT.







August States (States (St	2	EMERGENCY BATTERY PACK FIXTURE	Т	TRANSFORMER
AUDURED IN THE AUDURED ADDRESS AUDURED IN		CEILING EXIT LIGHT - DIRECTIONAL ARROWS WHERE INDICATED, SHADED QUADRANTS		
BIGINE LUMINER PAGE AND OR VICUAL CONTROL SHORE FOR MIX CAN VICUAL CONTROL SHORE FOR MIX CAN VICUAL CONTROL C	X H	WALL EXIT LIGHT - DIRECTIONAL ARROWS		
Second Selection and Selection and Second Selection	~	INDICATE ILLUMINATED FACES		MOTOR
Image: Construction Control Contro Control Control Control Control Control Control Control Co	vs	VACANCY SENSOR CEILING MOUNT	\boxtimes	MAGNETIC MOTOR STARTER, H-O-A-P U.O.N.
Px Available Encompany	PP			CONTROLLER AND NON-FUSED
PWITP RED CLEAT P-WITP RED CLEAT P-W	\$x	2 = DOUBLE POLE 3 = THREE-WAY 4 = FOUR-WAY	VFD	VARIABLE FREQUENCY DRIVE FURNISHED BY DIV 23, CONNECTED BY
MO-BOTT MARTINE CONTROL MO-BOTT MARTINE CONTROL MO-BOTT MARTINE CONTROL MO-BOTT MARTINE CONTROL MO-BOTT MARTINE CONTROL CONTRUCTION CONTROL CONTROL CONTROL CONTROL CONTROL CONTROL CONTR		P = WITH PILOT LIGHT T = INTERVAL TIMER, 30 MIN. UON	(IR)	
INSTEMANCE PROSE INSTEMANCE PROSE INSTEMANT READ ELECTION INSTEMANT REQUIRE INTERNATIONAL PROVINCE INTERNATIONAL		MO = SPDT MOMENTARY CONTACT D = DIMMER SWITCH	КР	
INFORMATION STRUCTURE INFORMATION STRUCTURE INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT INFORMATION STRUCTURES CONTACT		VS = VACANCY SENSOR LV = LOW VOLTAGE	DC	PROVIDE ALL REQUIRED HARDWARE AND ELECTRICAL
Divide Paint State Stat	\sim	TIME CLOCK	Ē	PUSHBUTTON K = KEY OPERATED SWITCH (UP/OFF/DOWN POSITION)
2M-B MARP MITTE RECEPTINGE* 90 UNPUSED SWITCH - NO ANP SPOLE UON 2W ROCKUTS SWILL DE RATED ZM, AND STANDARD HEIGHT 90 CIRCUIT BREAKER - 100 ANP 2W ROCKUTS SWILL OUT AT NONSTANDARD HEIGHT 90 FRAME, 3 POLE UON 2W SINCLE AND AND AND YON STANDARD HEIGHT 90 FRAME, 3 POLE UON 2W SINCLE FOR RECEPTAGLE 100* FRAME, 3 POLE UON 2W SINCLE FORM RECEPTAGLE 100* FRAME, 3 POLE UON 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE UNN FRAME, 3 POLE UNN 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE UNN FREE 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE UNN FREE 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE WINNOW FREE FREE 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE WINNOW FREE FREE 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE WINNOW FREE FREE 2W RUSH FLOOR QUARRIELX RECEPTAGLE FRAME, 3 POLE WINNOW FREE FREE 2W RUSH RUSH WINNE RECEPTAGLE FREE FREE ALARN GRAME STROEE 2W RUSH RUSH WINNOW FREE	\ominus	NUMERAL INDICATES CKT NUMBER IG = ISOLATED GROUND (ORANGE DEVICE)	R	E = EMERGENCY POWER OFF BUTTON
WHENSHOW AUGENT TO ANY OUTETOR To PRAME 3 POLE LON Image: Structure Augent and Augent To ANY OUTETOR Processing and any outer any oute		20A = 20 AMP RATED RECEPTACLE * * ALL RECEPTACLES ON DEDICATED 20 AMP	100	UNFUSED SWITCH - 100 AMP 3 POLE, UON
GUARRUPLEX RECEPTACLE	+ХХ"	WHEN SHOWN ADJACENT TO ANY OUTLET OR	100	
International				
Image: Section of the sectin the sectin the sectin the sectin the section of the	\ominus	SINGLE POWER RECEPTACLE, 20A, 125V 3W GNDG UON.		
Image: Section of the construction of the section of the sectin of the section of the section of the section o	Φ	FLUSH FLOOR DUPLEX RECEPTACLE	FACP	FIRE ALARM CONTROL PANEL
PLUGRADD WITH DUPLEX OUTLETS, 8° CC U.O.N. Image: Construction of the set	\bigoplus	FLUSH FLOOR QUADRUPLEX RECEPTACLE	FAAP	FIRE ALARM REMOTE ANNUNCIATOR
*** MOLCATES WITH COMM COMPARTMENT SB FIRE ALARM SPEAKER **** INDICATES WITH COMM COMPARTMENT SB FIRE ALARM SPEAKER ************************************				FIRE ALARM STROBE
International Solution of Solution International Solution International Solution Image: Solution of Solution Solution International Solution International Solution International Solution Image: Solution Solution Solution International Solution International Solution International Solution Image: Solution Solution Solution International Solution International Solution International Solution Image: Solution Solution Solution International Solution International Solution International Solution Image: Solution Solution Solution International Solution International Solution International Solution Image: Solution Solution Solution Solution Solution Solution Solution Solution International Solution International Solution Image: Solution Solu		"24" INDICATES OUTLETS 24" OC.		
S SMOKE DETECTOR Image: S SMOKE DETECTOR <td>TV</td> <td>TELEVISION SIGNAL OUTLET</td> <td></td> <td></td>	TV	TELEVISION SIGNAL OUTLET		
Vw wall telephone outlet with plate (w-wall mounted) H Heat Detector J celling mounted junction Box F manual pull station J+ flush wall mounted junction Box for mounted junction Box for anchitectural and medical equipment plan drawings. F Fireman's Phone J+ flush wall mounted junction Box for mounted junction Box F Fireman's Phone J- floor mounted junction Box F Fireman's Phone J- group down GAP generator annunciator panel J- group down GP E Phile Station J- group down 'tibo' with cincours 1,3,5 Gs Station </td <td>·</td> <td></td> <td></td> <td>SMOKE DETECTOR</td>	·			SMOKE DETECTOR
Image: Construction with feate (N-WALL MOUNTED) Image: Celling Mounted Junction Box Image: Celling Mounted Junction State Image: Celling Mounted Junction State <td>\square</td> <td>FLOOR DATA OUTLET</td> <td></td> <td>DUCT SMOKE DETECTOR</td>	\square	FLOOR DATA OUTLET		DUCT SMOKE DETECTOR
↓ CEILING MOUNTED JUNCTION BOX DH FIRE ALARM MAGNETIC DOOR HOLD-OPEN ↓ FLUSH WALL MOUNTED JUNCTION BOX FOR MOUNTIED LIQUIMENT PLAN DRAWINGS. ▼ FIREMAN'S PHONE ↓ FLOOR MOUNTED JUNCTION BOX ▼ FIREMAN'S PHONE HANDSET ↓ FLOOR MOUNTED JUNCTION BOX ▼ FIREMAN'S PHONE HANDSET ↓ CONDUIT TURNING UP/DOWN GAP GENERATOR ANNUNCIATOR PANEL ↓ GROUND CONNECTION ESP ENHANCED SINGLE PATIENT STATION ↓ BOARD "ILB" WITH CIRCUTS 1.3.5 GS STAFF STATION ↓ DISCONNECT SWITCH - 30A, NON-FUSED, 3-400 (CED) SS STAFF STATION ↓ DISCONNECT SWITCH - 30A, NON-FUSED, 3-400 (CED)	√w	WALL TELEPHONE OUTLET WITH PLATE (W-WALL MOUNTED)		
MOUNTING HEIGHT REFER TO ARCHITECTURAL AND MEDICAL EQUIPMENT PLAN DRAWINGS. Image: Fileman's PHONE J FLOOR MOUNTED JUNCTION BOX GAP GENERATOR ANNUNCIATOR PANEL GENERATOR ANNUNCIATOR PANEL CONDUIT TURNING UP/DOWN GAP GROUND CONNECTION GAP GROUND CONNECTION ESP ENHANCED SINGLE PATIENT STATION B-1,3,5 CONDUIT HOME RUN TO PANEL B-1,3,5 CONDUIT SI 3,3,5 DISCONNECT SWITCH - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. B 100, 60 FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON PANELBOARD CEILING MOUNTED ZONE LIGHT ILP LIGHTING RELAY PANEL	\bigcirc			
J FLOOR MOUNTED JUNCTION BOX GAP GENERATOR ANNUNCIATOR PANEL CONDUIT TURNING UP/DOWN INCM NURSE CALL MASTER STATION CAPPED CONDUIT INCM NURSE CALL MASTER STATION Image: transmission of the conduction of the	JH	MOUNTING HEIGHT REFER TO ARCHITECTURAL	▼ _F	FIREMAN'S PHONE
CONDUIT TURNING UP/DOWN INCM NURSE CALL MASTER STATION ↓ GROUND CONNECTION ESP ENHANCED SINGLE PATIENT STATION B-1.3,5 CONDUIT HOME RUN TO PANEL BOARD "1LB" WITH CIRCUITS 1,3.5 IDS DUTY STATION □ DISCONNECT SWITCH - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. ISS STAFF STATION B 100 / 60 FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON ISS CEILING MOUNTED ZONE LIGHT I 0 CEILING MOUNTED ZONE LIGHT ICC NURSE CALL CENTRAL EQUIPMENT CABINET I 100 / 60 FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON ICE ICE I 100 / 60 FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON ICE NURSE CALL CENTRAL EQUIPMENT CABINET I IDIGHTING RELAY PANEL IDIGHTING RELAY PANEL NURSE CALL CENTRAL EQUIPMENT CABINET	J	FLOOR MOUNTED JUNCTION BOX		
Image: Construction Image: Construction<				
B-1,3,5 CONDUIT HOME RUN TO PANEL BOARD "1LB" WITH CIRCUITS 1,3,5 Image: FP EMERGENCY PULL STATION Image: Board "1LB" WITH CIRCUITS 1,3,5 Image: FP EMERGENCY PULL STATION Image: Board "1LB" WITH CIRCUITS 1,3,5 Image: FP EMERGENCY PULL STATION Image: Board "1LB" WITH CIRCUITS 1,3,5 Image: FP EMERGENCY PULL STATION Image: Board "1LB" WITH CIRCUITS 1,3,5 Image: FP EMERGENCY PULL STATION Image: Board The Source Switch - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. Image: FP EMERGENCY PULL STATION Image: Board The Source Switch - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. Image: FP Image: FP Image: FP Image: Board The Source Switch - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. Image: FP	_			
DISCONNECT SWITCH - 30A, NON-FUSED, 3-POLE UON, NEMA 1 ENCLOSURE EXCEPT "3R" INDICATES NEMA 3R. FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON PANELBOARD LIGHTING RELAY PANEL STAFF STATION NURSE CALL CODE BLUE CEILING MOUNTED ZONE LIGHT NURSE CALL CODE BLUE Reversion of the sector	.B-1,3,5			
EXCEPT SK INDICATES NEWA SK. B 100/60 FLUSH MOUNTED CIRCUIT BREAKER 100A FRAME/60A TRIP 3 POLE UON Image: Celling Mounted Zone Light Image: Celling Mounted Dome Light <td>-</td> <td>DISCONNECT SWITCH - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE</td> <td></td> <td></td>	-	DISCONNECT SWITCH - 30A, NON-FUSED, 3-POLE UON. NEMA 1 ENCLOSURE		
PANELBOARD IGHTING RELAY PANEL LIGHTING RELAY PANEL NEW CONSTRUCTION	B 100 ∕	FLUSH MOUNTED CIRCUIT BREAKER 100A	(RK)	BED INTERFACE
IC NURSE CALL CENTRAL EQUIPMENT CABINET LIGHTING RELAY PANEL NEW CONSTRUCTION	<u> </u>		× ^	
NEW CONSTRUCTION			NCC	NURSE CALL CENTRAL EQUIPMENT CABINET
EXISTING TO REMAIN	LRP_	LIGHTING KELAY PANEL -		NEW CONSTRUCTION
		_		EXISTING TO REMAIN

	, \CD	REVIAT	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
Ą	AMPS	IG	ISOLATED GROUND
AC	ALTERNATING CURRENT/ABOVE COUNTER	INCAND	
N.D.	AREA DRAIN	INSUL	INSULATION
ADJ AFF	ADJACENT ABOVE FINISHED FLOOR	INT J-BOX	INTERCOM JUNCTION BOX
AFG	ABOVE FINISHED GRADE	J-BOX KVA	KILOVOLT AMPERES
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	KW	KILOWATT
ARCH	ARCHITECTURAL	KWH	KILOWATT HOURS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	LBS	POUNDS
ASYM	ASYMMETRICAL	LOC.	LOCATED
ATS	AUTOMATIC TRANSFER SWITCH	LP	LIGHTING PANEL
AUX	AUXILLARY	LTG	LIGHTING
4/V	AUDIO/VISUAL	MA	MILLIAMPS
AWG	AMERCIAN WIRE GAUGE	MACH	MACHINE
BLDG	BUILDING	MC	METAL-CLAD CABLE
3.F.P.	BACKFLOW PREVENTER	MCB	MAIN CIRCUIT BREAKER
B.V.	BALANCING VALVE	MCC	MOTOR CONTROL CENTER
3.D.	BALCONY DRAIN BAR SINK	MCM	THOUSAND CIRCULAR MILS
3.S. 3.T.	BATHTUB/SHOWER	MCP	MOTOR CONTROL PANEL
BLW.	BELOW	MIC	MICROPHONE
)	CONDUIT	MLO	MAIN LUGS ONLY
C/B	CIRCUIT BREAKER	MTD	MOUNTED
CAT	CATALOG	MTR	MOTOR
СКТ	CIRCUIT	N	NEUTRAL
CL	CLOCK	NC	NORMALLY CLOSED
CLG	CEILING	NEC	NATIONAL ELECTRICAL CODE
COL	COLUMN	NEMA	NATIONAL ELEC MANUFACTURERS ASS
CONC	CONCRETE	NETA	NATIONAL ELECTRICAL TESTING ASSOC
CONT	CONTINUOUS	NF	NON-FUSE
CONV	CONVENIENCE	NFPA	NATIONAL FIRE PROTECTION ASSOC.
C/T	CURRENT TRANSFORMER	NL	ON NIGHT LIGHTING CIRCUIT
C.V.	CHECK VALVE	NO	NORMALLY OPEN
C.O.	CLEANOUT	O/C	OVERCURRENT
C.W.	COLD WATER	OL	OVERLOAD
COND.	CONDENSATE	LB.	POUNDS
CONT.	CONTINUED	P.S.I.	POUNDS PER SQUARE INCH
).D.	DECK DRAIN	Р	POLES
'F	DEGREES FAHRENHEIT	PB	PULL BOX
D.	DRAIN	PF	POWER FACTOR
D.F.U.	DRAINAGE FIXTURE UNITS	PH	PHASE
DC	DIRECT CURRENT	PLB	PLUMBING
DIA	DIAMETER	PNL	PANEL
OP	DISTRIBUTION PANEL	PP	POWER PANEL
DWG	DRAWING	P/T	POTENTIAL TRANSFORMER
E	EXISTING TO REMAIN	PVC	POLYVINYL CHLORIDE
EC	EMPTY CONDUIT	PWR	POWER
ΞL	ELEVATION	QUAD	QUADRUPLEX
LEC	ELECTRIC	R	REMOVE
ELEV	ELEVATOR	RC	REMOTE CONTROL
ΞM	ON EMERGENCY CIRCUIT	RECEPT	RECEPTACLE
EQ	EQUIVALENT	REL	RELOCATE
EMT	ELECTRICAL METALLIC TUBING	REQ	REQUIRED
PO	EMERGENCY POWER OFF	REV	REVERSE
EQMT	EQUIPMENT	RM	ROOM
E)	EXISTING	RMS	ROOT MEAN SQUARE
F.D.C.	FIRE DEPARTMENT CONNECTION	SP	SPARE
H.C.	FIRE HOSE CABINET	SPD	SURGE PROTECTION DEVICE
	FIRE	SPECS	SPECIFICATIONS
A	FIRE ALARM	SPKLR	SPRINKLER
C	FOOT CANDLE	SPKR	SPEAKER
DR	FEEDER	SQ	SQUARE
IXT	FIXTURE	STD	STANDARD
۶L	FLUSH	SURF	SURFACE
FLA	FULL LOAD AMPERES	SW	SWITCH
FLR	FLOOR	SWBD	SWITCHBOARD
LUOR	FLUORESCENT	SWGR	SWITCHGEAR
FT	FEET	SUSP	SUSPENDED
F.F.	FINISHED FLOOR	SYM	SYMMETRICAL
FLR.	FLOOR	TEL	TELEPHONE
F.C.O.	FLOOR CLEAN OUT	TELCO	TELEPHONE COMPANY
F.D.	FLOOR DRAIN	TV	TELEVISION
F.S.	FLOOR SINK	TYP	TYPICAL
G.P.H.	GALLONS PER HOUR	UC	UNDERCOUNTER
G.P.M.	GALLONS PER MINUTE	UFD	UNDERFLOOR DUCT
G.V.	GREASE VENT	UL	UNDERWRITERS LABORATORIES, INC.
G.C.O.	GRADE CLEAN OUT	V.T.R.	VENT THRU ROOF
GA	GUAGE	V	VOLTS
GALV	GALVANIZED	VA	VOLT AMPERES
GFI	GROUND FAULT CIRCUIT INTERRUPTER	VENT	VENTILATING
GFP	GROUND FAULT PROTECTION	VERT	VERTICAL
GND	GROUND	VP	VAPORPROOF
GRC	GALVANIZED RIGID CONDUIT	W.C.O.	WALL CLEAN OUT
H.W.	HOT WATER	W.C.O. W.H.	WALL CLEAN OUT
H.W.R.	HOT WATER RETURN	W.H. W.B.	WALL HYDRANT WASHER BOX
HGT	HEIGHT	W.B. W.C.	WATER CLOSET
HOA	HAND OFF AUTOMATIC	W.G.	WIRE GUARD
HORIZ	HAND OFF AUTOMATIC		
HORIZ	HORIZONTAL	WP XEMR	
HP HTG	HORSEPOWER	XFMR	
10		YD	YARD
		110 010	TO MARKEN TO THE TOTAL TOTAL STATES
HVAC INV.	HEATING, VENTILATING & AIR CONDITIONING	1/C, 2/C,	1 CONDUCTOR, 2 CONDUCTORS, ETC.

PTION D GROUND ESCENT ON BOX T AMPERES TT HOURS G PANEL CLAD CABLE RCUIT BREAKER CONTROL CENTER AND CIRCULAR MILS CONTROL PANEL HONE JGS ONLY LY CLOSED L ELECTRICAL CODE L ELEC MANUFACTURERS ASSOC. L ELECTRICAL TESTING ASSOC. L FIRE PROTECTION ASSOC. T LIGHTING CIRCUIT LY OPEN RRENT S PER SQUARE INCH FACTOR PANEL ITIAL TRANSFORMER NYL CHLORIDE UPLEX E CONTROL ACLE EAN SQUARE PROTECTION DEVICE CATIONS I FR BOARD DED RICAL ONE ONE COMPANY ON COUNTER FLOOR DUCT WRITERS LABORATORIES, INC. HRU ROOF IPERES

- REQUIREMENTS. DASHED WALLS, UNO.
- 5. FOR ALL REMOVED WIRING DEVICES, REMOVE ASSOCIATED BRANCH CIRCUITING AND DATA/COMMUNICATION WIRING AND CONDUIT FROM DEVICE TO SOURCE UNLESS NOTED OTHERWISE OR UNLESS REQUIRED TO MAINTAIN SERVICE TO DEVICES IN ADJACENT AREAS.
- 6. MAINTAIN SERVICE TO LIGHT FIXTURES, WIRING DEVICES, FIRE ALARM AND SPECIAL SYSTEM DEVICES OUTSIDE OF WORK AREA.

- INSTALLERS PRIOR TO ROUGH-IN. CEILING. VOICE/DATA • A/V
- ALARM SYSTEM.
- 7. RUN #10 AWG TO FIRST DEVICE OF CIRCUIT IN HOME RUNS BEYOND 75' IN DISTANCE. 8. ALL SINGLE-PHASE RECEPTACLES RATED 150 V TO GROUND OR LESS, 50 A OR LESS AND THREE-PHASE RECEPTACLES RATED AT 150V TO GROUND OR LESS, 100 A OR LESS INSTALLED IN (1) BATHROOMS, (2) KITCHENS, (3) ROOFTOPS, (4) OUTDOORS, (5) SINKS, (6) INDOOR WET LOCATIONS, (7) LOCKER ROOMS WITH ASSOCIATED SHOWERING FACILITIES, (8) GARAGES, SERVICE BAYS, AND SIMILAR AREAS OTHER THAN VEHICLE EXHIBITION HALLS AND SHOWROOMS, (9) CRAWL SPACES AT OR BELOW GRADE LEVEL PER 2020 NEC 210.8 (B). WHERE GFCI WIRING DEVICES ARE NOT ACCESSIBLE PROVIDE GFCI CIRCUIT BREAKER OR GFCI REMOTE RESET.
- 9. PROVIDE TAMPER RESISTANT ELECTRICAL DEVICES IN ALL OFFICES, CORRIDORS, AND WAITING ROOMS PER 2020 NEC 406.12. 10. ALL OUTLET/RECEPTACLE COVER PLATES AND RECEPTACLES TO MATCH. MATCH PREDOMINATE COLOR. PROVIDE WITH IF ALL NEW.

DEMOLITION GENERAL NOTES

- 1. ALL WORK SHALL COMPLY WITH ALL PERTINENT NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES, AND ALL AMERICAN DISABILITIES ACT (ADA) REQUIREMENTS.
- 2. DRAWINGS ARE DIAGRAMMATIC; COORDINATE THE ROUGH-IN LOCATION, CONNECTION TYPE AND TERMINATION REQUIREMENTS WITH EQUIPMENT INSTALLERS PRIOR TO ROUGH-IN. 3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PROJECT PHASING
- 4. REMOVE ALL ELECTRICAL AND SPECIAL SYSTEMS DEVICES AND EQUIPMENT (LIGHT FIXTURES, FIRE ALARM DEVICES, NURSE CALL DEVICES, WIRING DEVICES, SPEAKERS, ETC.) SHOWN DASHED AND WITHIN DEMOLITION AREA INDICATED BY
- RETAIN 277 VOLT LIGHTING CIRCUITS TO SERVE NEW AND RELOCATED LIGHT FIXTURES SHOWN ON SHEET E2.01.
- 1. "R" DENOTES REMOVE AND REINSTALL TO NEW SHEET AS INDICATED.

POWER & SPECIAL SYSTEMS GENERAL NOTES

- 1. ALL WORK SHALL COMPLY WITH ALL PERTINENT NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES, AND ALL AMERICAN DISABILITIES ACT (ADA) REQUIREMENTS.
- 2. DRAWINGS ARE DIAGRAMMATIC; COORDINATE THE ROUGH-IN LOCATION, CONNECTION TYPE AND TERMINATION REQUIREMENTS WITH EQUIPMENT
- 3. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND EXACT LOCATION OF ALL WIRING DEVICES.
- 4. COORDINATE LOW VOLTAGE SPECIAL SYSTEMS WITH ARCHITECT/OWNER. PROVIDE J-BOX AND 3/4" CONDUIT WITH PULLSTRING AND BUSHINGS TO ABOVE ACCESSIBLE
- PROVIDE BACKBOX AND RACEWAY ROUGH-IN FOR THE FOLLOWING SYSTEMS: SECURITY (CAMERA'S, CARD READERS, ACCESS CONTROL) OVERHEAD PAGE/PUBLIC ADDRESS
- PROVIDE 120V CONTROL REQUIREMENTS FOR THESE SYSTEMS. 5. FIRE ALARM SYSTEM IS PERFORMANCE-BASED.
- PROVIDE NEW FIRE ALARM SYSTEM TO ACCOMMODATE A COMPLETE WORKING FIRE
- PROVIDE INTERFACE TO SERVE EGRESS DOORS TO AUTO RELEASE IN THE EVENT OF A FIRE ALARM.
- FIRST RESPONDER RADIO COVERAGE SHALL BE MET. CONFIRM MINIMUM RADIO SIGNAL STRENGTH WITH THIRD PARTY CONSULTANT/FIRE DEPARTMENT. PROVIDE BDA, DAS OR OTHER TYPE OF RADIO ENHANCEMENT SYSTEM (RES) PER FIRE DEPARTMENT REQUIREMENTS.
- PROVIDE 120V CONTROL REQUIREMENTS.
- 6. ALL CONDUCTORS SHALL HAVE A INSULATION RATING OF 75°C.

11. ELECTRICAL OUTLETS AND TELEPHONE/DATA RECEPTACLES SHOWN IN SOUND RATED PARTITIONS SHALL NOT BE PLACED BACK TO BACK. OFFSET AT LEAST ONE STUD AND SEAL FOR SOUND AS REQUIRED.

- 12. ELECTRICAL SCHEDULES TO BE PROPERLY LABELED AND RECEPTACLES LABELED ACCURATELY IDENTIFYING PANELS AND CIRCUIT.
- 13. X-RAY FLOOR PRIOR TO ANY CORING ANY SLAB.

LIGHTING COMMISSIONING **GENERAL NOTES**

- 1. CONTRACTOR TO PROVIDE COMMISSIONING FOR THIS PROJECT.
- 2. 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) REQUIRES COMMISSIONING PER SECTION 408.
- 3. PROVIDE ELECTRICAL SYSTEM FUNCTIONAL TESTING PER 2015 IECC 408.3.1 FOR THE FOLLOWING: • 408.3.1.1 OCCUPANT SENSOR CONTROL. • 408.3.1.2 TIME-SWITCH CONTROLS.
- 408.3.1.3 DAYLIGHT RESPONSIVE CONTROLS.
- 4. PROVIDE THE DOCUMENTATION REQUIRED PER 2015 IECC 408.3.2.
- 5. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ELECTRICAL FUNCTIONAL TESTING WITH COMMISSIONING AGENT PRIOR TO FINAL ELECTRICAL INSPECTION BY LOCAL AUTHORITY HAVING JURISDICTION.
- 6. NOTIFY COMMISSIONING AGENT AT A MINIMUM OF TWO WEEKS PRIOR TO PERFORMING EACH FUNCTIONAL TEST.

LIGHTING GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH ALL PERTINENT NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES, AND ALL AMERICAN DISABILITIES ACT (ADA)

- 2. DRAWINGS ARE DIAGRAMMATIC; COORDINATE THE ROUGH-IN LOCATION, CONNECTION TYPE AND TERMINATION REQUIREMENTS WITH EQUIPMENT INSTALLERS PRIOR TO ROUGH-IN.
- 3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF CEILING MOUNTED LIGHT FIXTURES.
- NOT USED

REQUIREMENTS.

- 5. RUN #10 AWG TO FIRST DEVICE OF CIRCUIT IN HOMERUNS BEYOND 75' IN DISTANCE.
- 6. NEW LIGHT FIXTURES SHALL BE PROVIDED WITH LIGHT FIXTURE FIRE RATING THAT MATCHES EXISTING CONSTRUCTION.
- 7. CONNECT EXIT LIGHTS AND LIGHTS DENOTED "NL" SHALL BE WIRED AHEAD OF ANY SWITCHING AND EGRESS LIGHTS SHOWN HATCHED OR DENOTED "EM" SHALL BE ROUTED THROUGH INVERTER BATTERY SYSTEM (UL 924 RATED). EGRESS LIGHTS SHALL BE SWITCHED. DURING LOSS OF NORMAL POWER EGRESS LIGHTS SHALL BE 100% FULL BRIGHT.
- 8. PROVIDE LOW VOLTAGE DIMMER SWITCHED WITH RAISE/LOWER AND ON/OFF FUNCTION AND CONTROL VIA VACANCY/OCCUPANCY SENSORS. MATCH BASE BUILDING MANUFACTURER. PROVIDE POWER PACKS AS REQUIRED. RE: 1/E2.02 & E5.02.

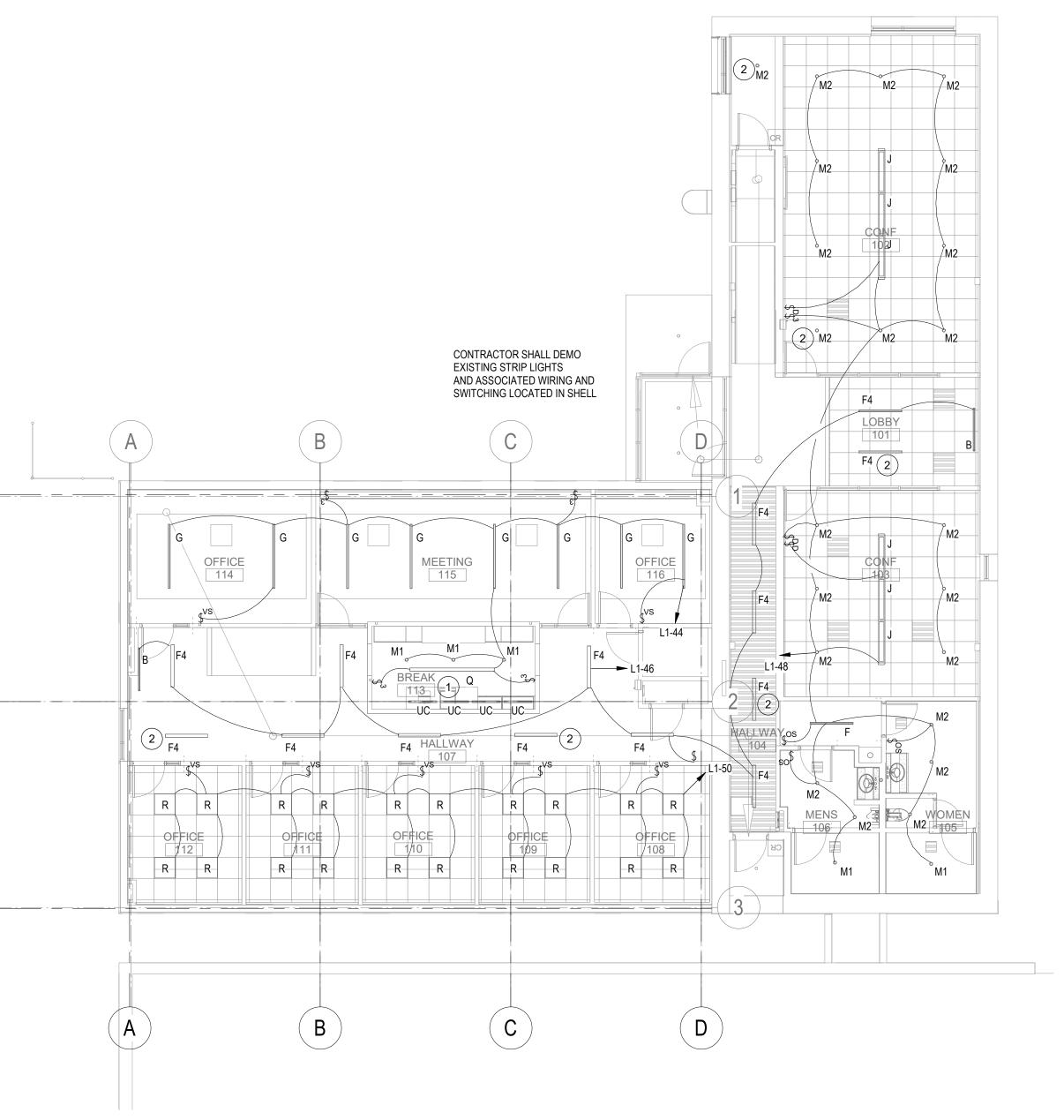
ELECTRICAL SHEET INDEX							
Sheet Number	Sheet Name						
E0.01	ELECTRICAL SYMBOLS & LEGENDS						
E2.01	LIGHTING LEVEL 1 PLAN						
E3.01	POWER LEVEL 1 PLAN						
E8.01	ELECTRICAL SCHEDULES						
E8.02	ELECTRICAL SCHEDULES						
E9.01	ELECTRICAL DETAILS						



3

1 LIGHTING LEVEL 1 PLAN 1/8" = 1'-0"

2



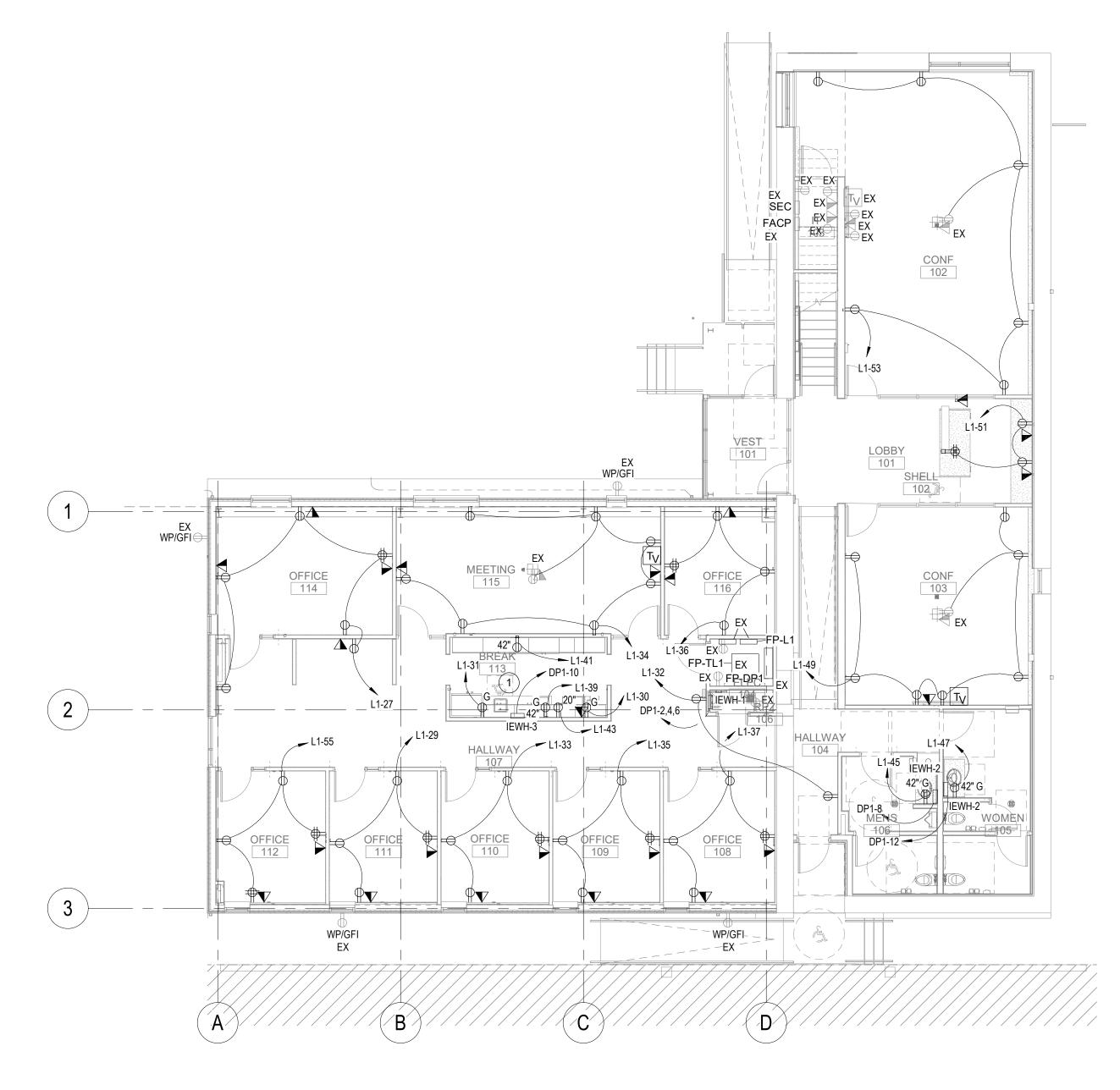
LIGHTING GENERAL NOTES

REFER TO SHEET E0.01 FOR ELECTRICAL SYMBOL LEGEND, ABBREVIATIONS AND GENERAL NOTES.

KEYED NOTES

1 WIRE UNDERCABINET LIGHTS TO NEAREST RECEPTACLE LOCATED AT COUNTER. WIRE THIS FIXTURE AS A NITE LITE TO 20A/1P BREAKER IN EMERGENCY GENRATOR PANEL LOCATED IN GEAR ROOM. FIELD COORDINATE EXACT RUN LENGTHS AND PANEL LOCATION.





1 <u>POWER LEVEL 1 PLAN</u> 1/8" = 1'-0"

POWER GENERAL NOTES

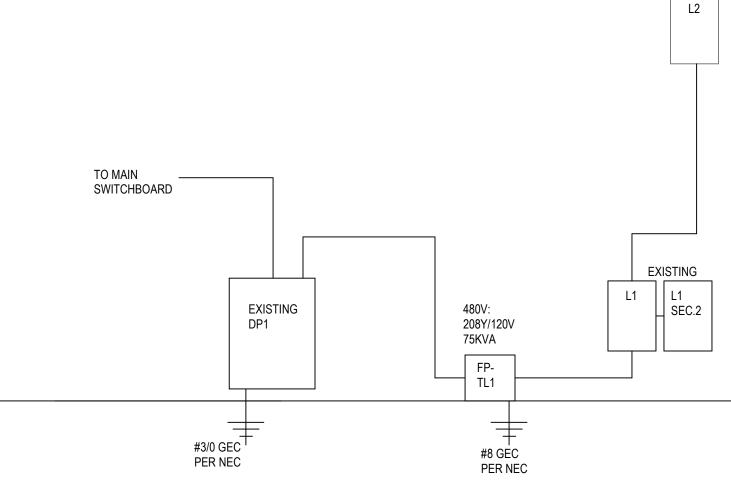
REFER TO SHEET E0.01 INFORMATION SHEET FOR ELECTRICAL SYMBOL LEGEND, ABBREVIATIONS AND GENERAL NOTES.

E3.01 KEYED NOTES

1 REMOVE EXISTING DISTRIBUTION PANEL. XXXXXXXXXXX



1 ELECTRICAL ONE-LINE DIAGRAM 1/4" = 1'-0"



16.58 40.44

2.10

	PANEL.	FP-DP1 (EXISTING)	_						
	LOCATI	ELECTRICAL RM	_					MOUN	SURFACE
480	277	VOLT (L-L / L-N)	3	PH 4				ENCLO	NEMA 1
	200	AMP PANEL	WITH					AIC	42,000
	200	AMP MAIN BREAKER							
		FEED-THRU LUGS TO PANELBOARD)						
WIRE SIZE*	KVA	LOAD DESCRIPTION	AMP / P	CKT A B	C CKT	AMP / P	LOAD DESCRIPTION	KVA	WIRE SIZE*
4#12, 1#12G,	1.66	VAV-1-5	15 / 3	1 X	2	60 / 3	IEWH-1	12.00	3#6,1#10G,1"C
1/2"C	1.66	-	- / -	3 X	4	- / -	-	12.00	
-	1.66	-	- / -	5	X 6	- / -	-	12.00	
4#12, 1#12G,	0.77	VAV-1-1	15 / 3	7 X	8	20 / 1	IEWH-2	4.10	
1/2"C	0.77	-	- / -	9 X	10	50 / 1	IEWH-3	10.00	2#6,1#10G,1"C
-	0.77	-	- / -	11	X 12	20 / 1	IEWH-2	4.10	
4#12, 1#12G,	0.83	VAV-1-2	15 / 3	13 X	14	20 / 1			
1/2"C	0.83	-	- / -	15 X	16	20 / 1			
-	0.83	-	- / -	17	X 18	20 / 1			
4#12, 1#12G,	0.50	VAV-1-3	15 / 3	19 X	20				
1/2"C	0.50	-	- / -	21 X	22				
-	0.50	-	- / -	23	X 24				
4#12, 1#12G,	1.53	VAV-1-4	15 / 3	25 X	26				
1/2"C	1.53	-	- / -	27 X	28				
-	1.53	-	- / -	29	X 30				
4#8, 1#10G,	10.80	RTU-1	50 / 3	31 X	32				
1"C	10.80	-	- / -	33 X	34				
-	10.80	-	- / -	35	X 36				
				37 X	38	125 / 3	Panel FP-L1 via XFMR	6.06	RE: One-line
				39 X	40	- / -	-	6.90	-
				41	X 42	- / -	-	7.81	-
LL BRANCH									
LIGHTING	RCPT	MOTORS	FIXED	KITCH	OTHER			PANEL D	DESIGN LOAD
(KVA)	(KVA)	(KVA)	HTG	EQUIP(CONNECTED LOAD (KVA)	KVA	AMPS
0.00	0.00	0.00	9.39	0.00	22.80	A	32.19	32.19	116
0.00	0.00	0.00	15.29	0.00	22.80	В	38.09	38.09	137
4.10	0.00	0.00	5.29	0.00	22.80		32.19	33.21	120
4.10	0.00	0.00	29.96	0.00	68.40		102.46	103.48	125
125%	+	100% (125%OF LARGEST MOTOR)	100%	100%	100%				1 -
DTES:	1		1	1					
MEDIATELY				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	LOAD DESCRIPTION:	DESIG	
12.48	40.44	2.10	14.00	0.00	8.70	-		65.62	79
						_		0.00	0
						_		0.00	0
								0.00	0
					+			5.00	

43.96 0.00 77.10

EXISTING

		FP-L1 SEC 2 (EXISTING)	_							
	1	ELECTRICAL RM	_							SURFACE
20		_VOLT (L-L / L-N)	3	PH					ENCLO	
	225	_AMP PANEL	WITH						AIC	10,000
	225	_ AMP MAIN BREAKER								
		FEED-THRU LUGS TO PANELBOARD)							
WIRE SIZE*	KVA	LOAD DESCRIPTION	AMP / P	CKT A	вС	СКТ	AMP / P	LOAD DESCRIPTION	KVA	WIRE SIZE*
	0.18	Receptacles	20 / 1	43 X		44	20 / 1	Lighting	0.84	
	0.18	Receptacles	20 / 1	45	Х	46	20 / 1	Lighting	0.64	
	0.18	Receptacles	20 / 1	47	Х	48	20 / 1	Lighting	0.66	
	1.62	Receptacles	20 / 1	49 X		50	20 / 1	Lighting	0.42	
	0.54	Receptacles	20 / 1	51	Х	52	20 / 1			
	1.44	Receptacles	20 / 1	53	Х	54	20 / 1			
	1.08	Receptacles	20 / 1	55 X		56	20 / 1			
			20 / 1	57	х	58	20 / 1			
			20 / 1	59	Х	60	20 / 1			
				61 X		62				
					х	64				
				65	Х	66				
				67 X		68				
					х	70				
				71	Х	72				
				73 X		74				
					х	76				
				77	х	78				
				79 X		80	1 I			
					x	82				
				83	X	84				
* ALL BRANCH										
LIGHTING	RCPT	MOTORS	FIXED	KITCH		OTHER			PANEL D	ESIGN LOAD
(KVA)	(KVA)	(KVA)	HTG	EQUIP(••••		CONNECTED LOAD (KVA)	KVA	AMPS
1.26	2.88	0.00	0.00	0.00		0.00	A	4.14	4.46	37
0.64	0.72	0.00	0.00	0.00		0.00	В	1.36	1.52	13
0.66	1.62	0.00	0.00	0.00		0.00	C	2.28	2.44	20
2.56	5.22	0.00	0.00	0.00		0.00	Ŭ	7.78	8.42	23
125%	+	100% (125%OF LARGEST MOTOR)	100%	100%		100%	<u></u>	1.10	0.72	20
NOTES:			10070	10070		10070				
NOTES.										
IMMEDIATELY								LOAD DESCRIPTION:	DESIG	
						· · ·			0.00	0
							-			0
							-		0.00	0
							-		0.00	0
0				0.55			-		0.00	0
2.56	5.22	0.00	0.00	0.00		0.00		TOTAL DESIGN LOA	D: 8.42	23

 TOTAL DESIGN LOAD:
 169.10
 203

PANEL... L2 (EXISTING)



	PANEL.	L2 (EXISTING)	_							
	LOCATI	ELECTRICAL RM							MOUN	. SURFACE
208	120	_VOLT (L-L / L-N)	3	PH	4				ENCLO	. NEMA 1
	225	AMP PANEL	WITH						AIC	. 10,000
	125	AMP MAIN BREAKER								
		FEED-THRU LUGS TO PANELBOARD)							
WIRE SIZE*	KVA	LOAD DESCRIPTION	AMP / P	СКТ	ABO	с скт	AMP / P	LOAD DESCRIPTION	KVA	WIRE SIZE*
	0.90	Receptacles	20 / 1	1	Х	2	20 / 1	Lights	0.80	
	0.90	Receptacles	20 / 1	3	X	4	20 / 1	Lights	0.80	
	0.90	Receptacles	20 / 1	5		X 6	20 / 1	Lights	0.80	-
	0.90	Exhaust Fans	20 / 1	7	X	8	20 / 1	Lights	0.80	
					X	10				
	1.50	Microwave	20 / 1	9		-	20 / 1	Lights	0.80	
	0.80	Refrigerator	20 / 1	11	-	X 12	20 / 1	Plotter	1.00	
	0.90	Receptacles	20 / 1	13	X	14	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	15	Х	16	20 / 1	Receptacles	0.90	_
	0.90	Receptacles	20 / 1	17		X 18	60 / 2	Furnace	3.50	2#4, 1#8G,
	0.90	Receptacles	20 / 1	19	Х	20	- / -	-	3.50	1-1/2"C
	0.90	Receptacles	20 / 1	21	X	22	60 / 2	Furnace	3.50	2#4, 1#8G,
	0.90	Receptacles	20 / 1	23		X 24	- / -	-	3.50	1-1/2"C
	0.90	Receptacles	20 / 1	25	Х	26	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	27	Х	28	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	29		X 30	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	31	Х	32	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	33	Х	34	20 / 1	Receptacles	0.90	
	1.00	Copier	20 / 1	35		X 36	20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	37	X	38	20 / 1	Receptacles	0.90	
	0.42	Lighting	20 / 1	39	X	40	20 / 1			
	0.20	EF-1	15 / 1	41		× 42				
ALL BRANCH	0.20		13 / 1	41	'	~ 42	· · · ·			
	RCPT	MOTORS		KITCH						DESIGN LOAD
LIGHTING			FIXED			OTHER				
(KVA)	(KVA)	(KVA)	HTG	EQUIP(CONNECTED LOAD (KVA)	KVA	AMPS
1.60	9.00	0.90	3.50	0.00		0.00	A	15.00	12.98	108
2.02	7.20	0.00	3.50	0.00		1.50	В	14.22	12.79	107
0.80	5.40	0.20	7.00	0.00		2.80	C	16.20	14.95	125
4.42	21.60	1.10	14.00	0.00		4.30		45.42	40.73	113
125%	+	100% (125%OF LARGEST MOTOR)	100%	100%		100%				
OTES:										
IMEDIATELY			_					LOAD DESCRIPTION:	DESIG	•
							-		0.00	0
							-		0.00	0
							-		0.00	0
	1						-		0.00	0
4.42	21.60	1.10	14.00	0.00	, 	4.30		TOTAL DESIGN LOAD		113
7.72	21.00	1.10		0.00	·	4.50				
	PANEL.	FP-L1 SEC.1 (EXISTING)								
		ELECTRICAL RM	-						MOUN	. SURFACE
208	1	VOLT (L-L / L-N)	3	PH	4					. NEMA 1
200	225	AMP PANEL								. 10,000
	225								AIO	
		—	`							
	10.0	FEED-THRU LUGS TO PANELBOARD		017			AND / -			
WIRE SIZE*	KVA		AMP / P	СКТ	A B (AMP / P		KVA	WIRE SIZE*
	1.08	Recep - Eng. Office/Shop	20 / 1	1	Х	2	20 / 1	Receptacles	0.72	
	0.36	Receptacles Ext	20 / 1	3	Х	4	20 / 1	Receptacles	1.08	
	0.18	Receptacles Roof	20 / 1	5		X 6	20 / 1	Copier	1.00	

	LOCATI	ELECTRICAL RM	_						MOUN	SURFACE
208	120	VOLT (L-L / L-N)	3	PH	4				ENCLO	NEMA 1
	225	AMP PANEL	WITH	_					AIC	10,000
	225	AMP MAIN BREAKER								
		FEED-THRU LUGS TO PANELBOARD)							
WIRE SIZE*	KVA	LOAD DESCRIPTION	AMP / P	СКТ	АВС	СКТ	AMP / P	LOAD DESCRIPTION	KVA	WIRE SIZE*
	1.08	Recep - Eng. Office/Shop	20 / 1	1	X	2	20 / 1	Receptacles	0.72	
	0.36	Receptacles Ext	20 / 1	3	Х	4	20 / 1	Receptacles	1.08	
	0.18	Receptacles Roof	20 / 1	5	X	6	20 / 1	Copier	1.00	
	0.10	Electric Locks	20 / 1	7	Х	8	20 / 1	Receptacles	0.36	
	0.20	Security panel	20 / 1	9	Х	10	20 / 1	Receptacles	0.72	
	0.20	Fire Alarm Control Panel	20 / 1	11	X	12	20 / 1	Sign	0.50	
	0.36	Receptacles Ext	20 / 1	13	Х	14	20 / 1	Lighting 1st Floor	0.50	
	0.20	Irrigation	20 / 1	15	Х	16	20 / 1	Lighting 1st Floor	0.50	
	0.54	Floor Outlets	20 / 1	17	X	18	20 / 1	Lighting Exterior	0.80	
	0.54	Floor Outlets	20 / 1	19	X	20	20 / 1	Receptacle	0.18	
	0.36	Floor Outlets	20 / 1	21	X	22	20 / 1	Lighting Exterior	0.80	
	1.00	Sign	20 / 1	23	X	24	20 / 1	Exterior Lights	0.10	
	0.36	Receptacles	20 / 1	25	X	26	20 / 1	Lighting 1st Floor	0.50	
	1.26	Receptacles	20 / 1	27	X	28	20 / 1	Bollards	0.10	2#10,1#10G,3/4"C
	0.90	Receptacles	20 / 1	29	X	30	20 / 1	Copier	1.00	
	1.00	Refrigerator	20 / 1	31	X	32	20 / 1	Receptacles	0.54	
	0.90	Receptacles	20 / 1	33	X	34	20 / 1	Receptacles	1.62	
	0.90	Receptacles	20 / 1	35	X		20 / 1	Receptacles	0.90	
	0.90	Receptacles	20 / 1	37	X	38	100 / 3	PANEL FP-L2	12.98	SEE ONE-LINE
	0.90	Receptacles	20 / 1	39	X	40	- / -	-	12.79	-
	0.36	Receptacles	20 / 1	41	X	+	- / -	-	14.95	-
* ALL BRANCH										
LIGHTING	RCPT	MOTORS	FIXED	KITCH		OTHER			PANEL C	ESIGN LOAD
(KVA)	(KVA)	(KVA)	HTG	EQUIP(CONNECTED LOAD (KVA)	KVA	AMPS
1.90	4.14	1.00	0.00	0.00		0.10	A		6.06	50
1.40	6.50	0.00	0.00	0.00		1.10	В	9.00	6.90	58
2.20	2.98	0.00	0.00	0.00		3.20	C	8.38	7.81	65
5.50	13.62	1.00	0.00	0.00		4.40		24.52	20.77	58
125%	+	100% (125%OF LARGEST MOTOR)	100%	100%		100%		27.02	20.77	
NOTES:	•		10070	10070	·	10070			-	
IMMEDIATELY							· .	LOAD DESCRIPTION:	DESIG	
4.42	21.60	1.10	14.00	0.00		4.30	-	PANEL L2		107
2.56	5.22	0.00	0.00	0.00		0.00		PANEL L1 SEC 2		18
2.50	0.22	0.00	0.00	0.00		0.00			0.43	0
									0.00	0
12.48	40.44	2.10	14.00	0.00		8.70		TOTAL DESIGN LOAD:		182
12.40	40.44	2.10	14.00	0.00		0.70	I	TOTAL DESIGN LOAD.	05.02	102



TYPE	DESCRIPTION
В	HIGH PERFORMANCE LINEAR ASYMMETRIC WALLWASH, LOUVERED
F4	2" WIDE LINEAR DIRCT INDIRECT PENDANT WITH A WIDESPREAD DIRE OPTIC & NANO PRISMATIC LENS, 1.38 SPACING CRITERIA
G8	2" WIDE LINEAR DIRCT INDIRECT PENDANT WITH A WIDESPREAD DIRE OPTIC & NANO PRISMATIC LENS, 1.38 SPACING CRITERIA
J	LINEAR SUSPENDED DECORATIVE PENDANT WITH VISUAL VOID, 40/60 DISTRIBUTION, POWER OVER AIRCRAFT CABLE
M1	LOW PROFILE 3.5" ROUND DOWNLIGHT, 2 STEP SCDM, 50 DEG CUT-OF ROUND DIE-CAST TIME, WIDE FLOOD OPTIC
M2	LOW PROFILE 3.5" ROUND DOWNLIGHT, 2 STEP SCDM, 50 DEG CUT-OF ROUND DIE-CAST TIME, WIDE FLOOD OPTIC
R	2X2 TROFFER WITH SMOOTH ROUNDED CENTER CHANNEL
UC	UNDERCABINET LIGHT. REFER TO PLANS FOR LENGTH
SENERAL NOTES:	
А. В.	CONFIRM FINISH WITH ARCHITECT CONTACT MARK TOUSSAINT WITH HOSSLEY LIGHTING FOR ADDITIONAL INFORMATION
IOTES:	
1.	REFER TO DRAWINGS FOR LENGTH
2.	LOCATE REMOTE DRIVER IN ACCESSIBLE LOCATION

		MANUFACTURER & SERIES	LIGHT SOURCE	COLOR TEMPERATURE	VOLTAGE	WATTS	DELIVERED LUMENS	MOUNTING	NOTES
D	INSIGHT	C5X-LO-35K-DL-EXA-18-48-DIM-FINISH-FINISH-LV	LED	3500K	120-277V	14W	1725 LUMENS	WALL 2	
IRECT	LUMENWERX	VIA2P-DI-WDO-FH-WIO2-SW-80-350-350-35-4FT-UNV-D1-1C- ACC(3NPS-120-B-PCB-NA)-FINISH	LED	3500K	120-277V	11W/FT	700 LUM/FT	PENDANT 1	
IRECT	LUMENWERX	VIA2P-DI-WDO-FH-WIO2-SW-80-500-350-35-8FT-UNV-D1-1C- ACC(3NPS-120-B-PCB-NA)-FINISH	LED	3500K	120-277V	11W/FT	700 LUM/FT	PENDANT 1	
/60	FOCAL POINT	FNRS-FL40-1000LF-35K-1C-UNV-L11-G-CLV48-PS-4	LED	3500K	120-277V	38W	1000 LUMENS	PENDANT 1	
-OFF,	FOCAL POINT	FLC3D-RO-SW-700L-UNV-L11-T-LC3-RO-700L-35K-DNT-VWFL-CD- WT	LED	3500K	120-277V	16W	1300 LUMENS	RECESSED	
OFF,	FOCAL POINT	FLC3D-RO-SW-1300L-UNV-L11-T-LC3-RO-1300L-35K-DNT-VWFL- CD-WT	LED	3500K	120-277V	16W	1300 LUMENS	RECESSED	
	COLUMBIA	LCAT22-35LWG-ED1U	LED	3500K	120-277V	21W	2768 LUMENS	RECESSED	
	COLUMBIA	CUC(X)-ED120	LED	3500K	120	5W/FT	450 LUMENS/FT	SURFACE 2	



