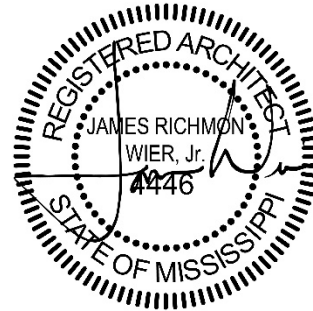


JANUARY 11, 2018

BULLETIN NO. 02

POSITIVE STEPS FERTILITY

149 Fountains Blvd.
Madison, MS
WBA Project No. 2217



NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

The user has requested to enlarge Advanced Lab 135 and Advanced Procedure Room 136. In addition see millwork revisions (add in Advanced Lab 135, delete in office 102). See enclosed revised drawings.

ARCHITECTURAL

- ITEM NO. 1** **A1.1 Dimension Floor Plan**
A6.0 Enlarged Plans
A8.0 Door Schedule
A9.0 Interior Elevations
Revise per the enclosed sheets.

MECHANICAL

- ITEM NO. 2** **M1.0 First Level HVAC Plan**
Revise per the enclosed sheets.
- ITEM NO. 3** **P1.1 First Level Water, Gas, and Laboratory Gas Plan**
P2.0 Plumbing Legend Schedules and Notes
P3.0 Plumbing Details
Revise per the enclosed sheets.

ELECTRICAL

- ITEM NO. 4** **E0.0 Electrical Legend**
E0.2 Electrical Details
E1.0 Lighting Plan
E2.0 Power Plan
Revise per the enclosed sheets.

NO MORE ITEMS

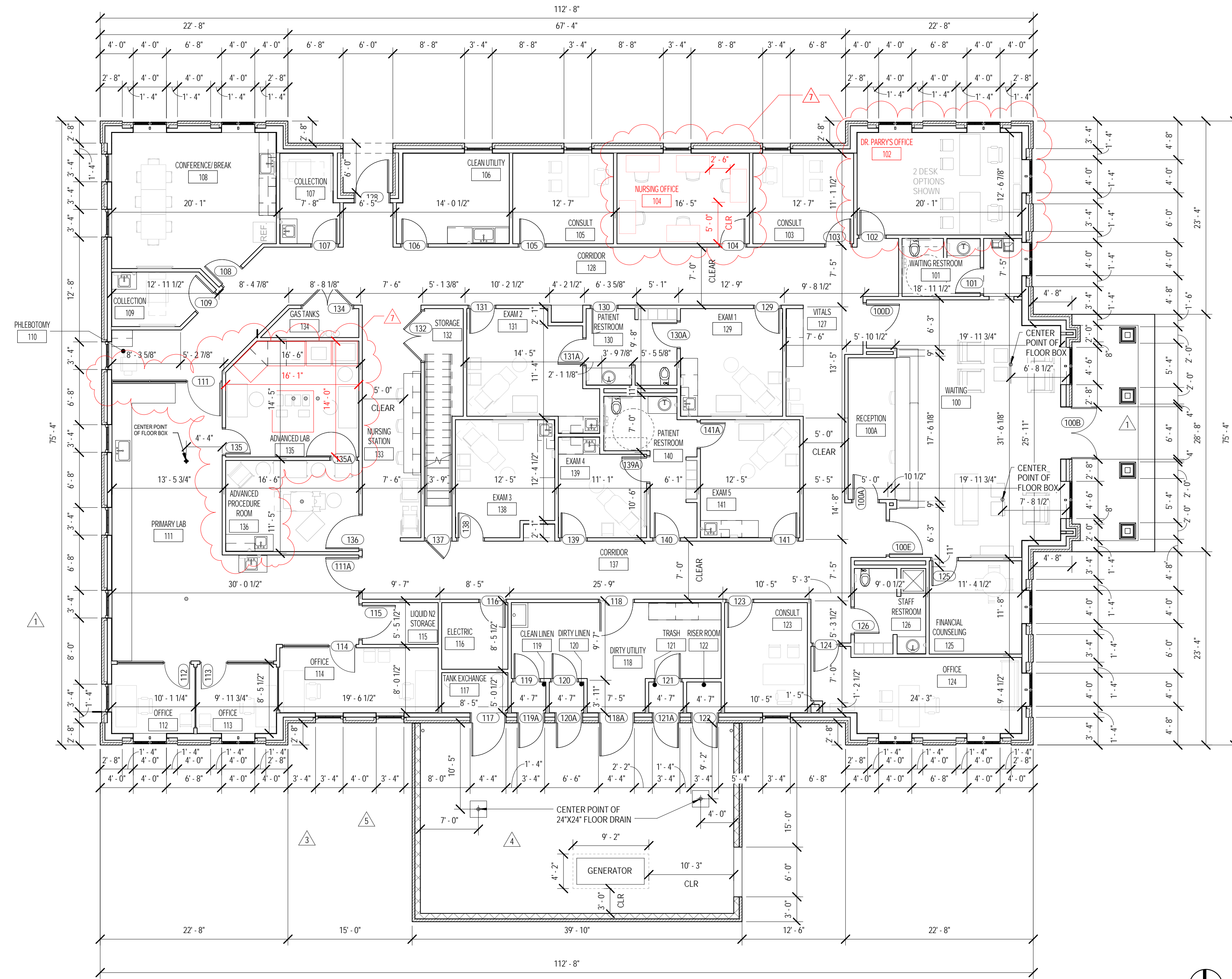
Please provide a detailed proposal if this work requires an adjustment in the Contract Sum or Contract Time.

Encl: Revised Construction Documents Sheet A1.1, A6.0, A8.0, A9.0, M1.0, P1.1, P2.0, P3.0, E0.0, E0.2, E1.0, & E2.0

cc: Paula DeYoung
Bobby Edens
Jamie Wier
Sully Clemmer
Wade Thompson
File 2217.D6/Bulletins

**POSITIVE STEPS
FERTILITY, DR. J.
PRESTON PARRY**

OWNER/DEVELOPER: DIANA
FOUNTAINS, LLC
OWNER CONSULTANT:
EVERETT CONSULTING GROUP,
LLC
GENERAL CONTRACTOR:
PROBITY CONTRACTING
GROUP, LLC



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

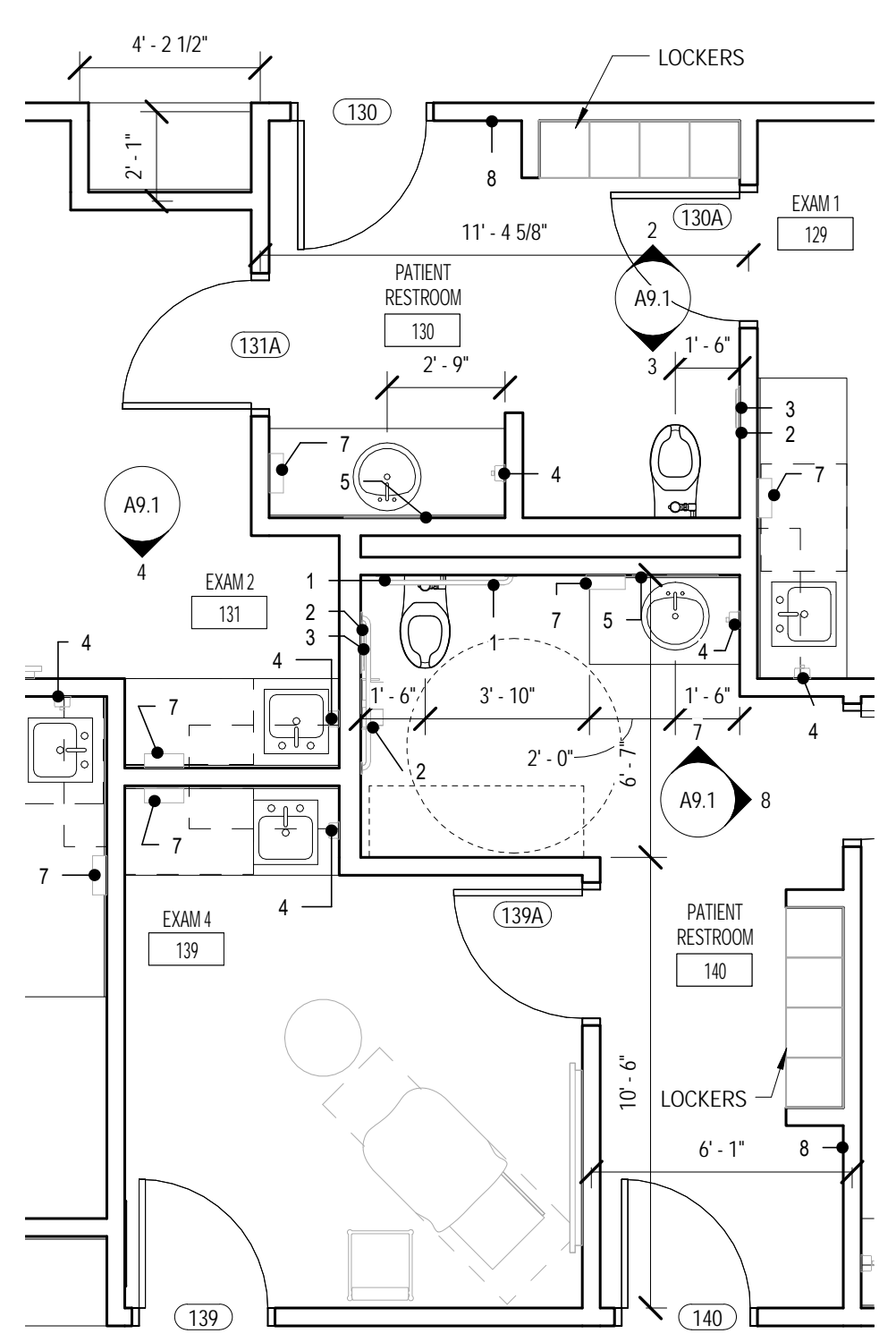


SEPTEMBER 29, 2017
CONSTRUCTION DOCUMENTS
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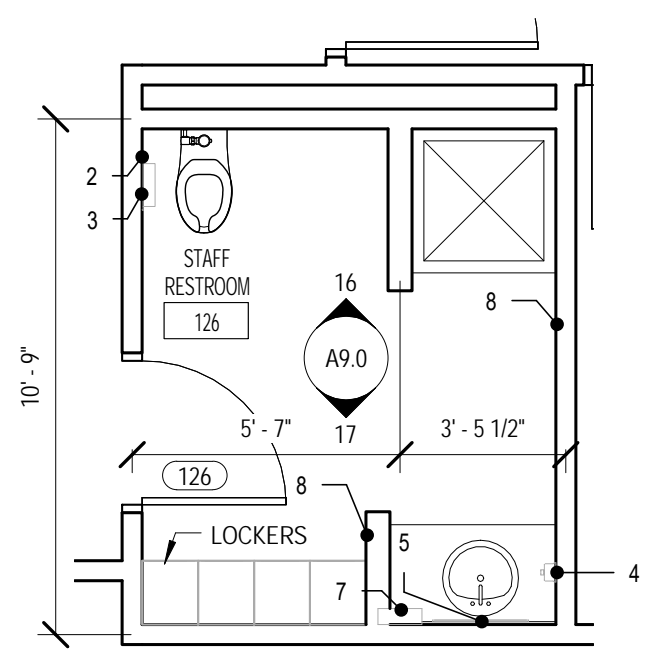
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NO.	DESCRIPTION	DATE
1	EMAIL	11.20.17
3	MECH. YARD	12.12.17
4	MECH. YARD	12.13.17
5	MECH. YARD FLOOR DRAIN	12.15.17
7	BULLETIN 02	1.02.18

POSITIVE STEPS
FERTILITY, DR. J.
PRESTON PARRY

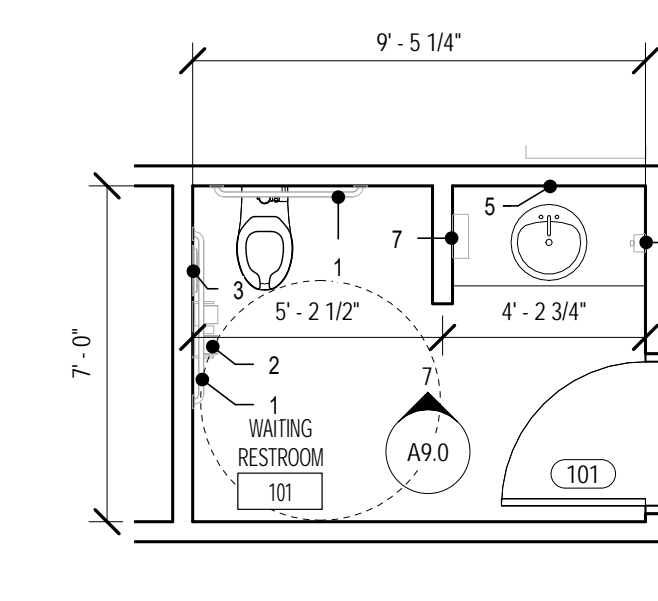
OWNER/DEVELOPER: DIANA
FOUNTAINS, LLC
OWNER CONSULTANT:
EVERETT CONSULTING GROUP,
LLC
GENERAL CONTRACTOR:
PROBITY CONTRACTING
GROUP, LLC



1 PATIENT RESTROOM
1/4" = 1'-0"



2 STAFF RESTROOM 126
1/4" = 1'-0"



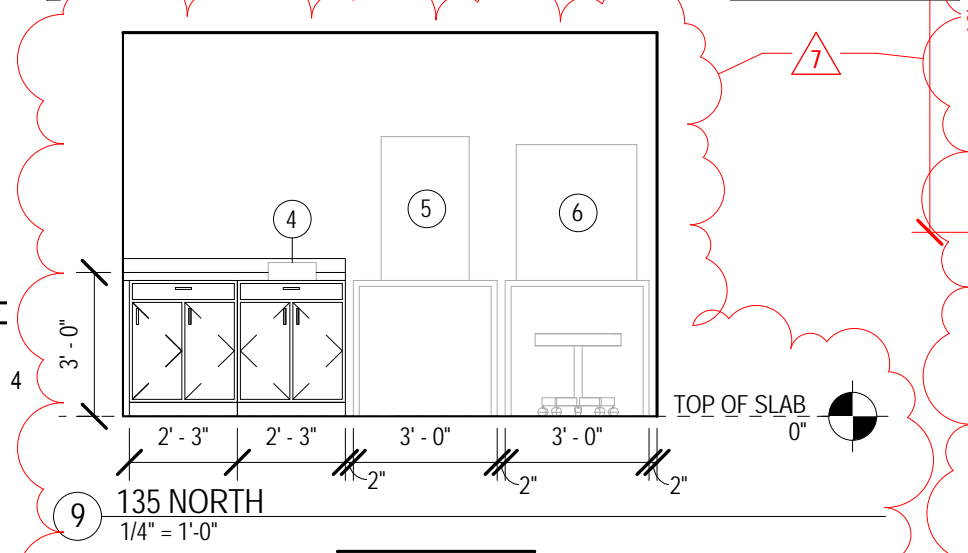
3 WAITING RESTROOM 101
1/4" = 1'-0"

TOILET ACCESSORY LEGEND

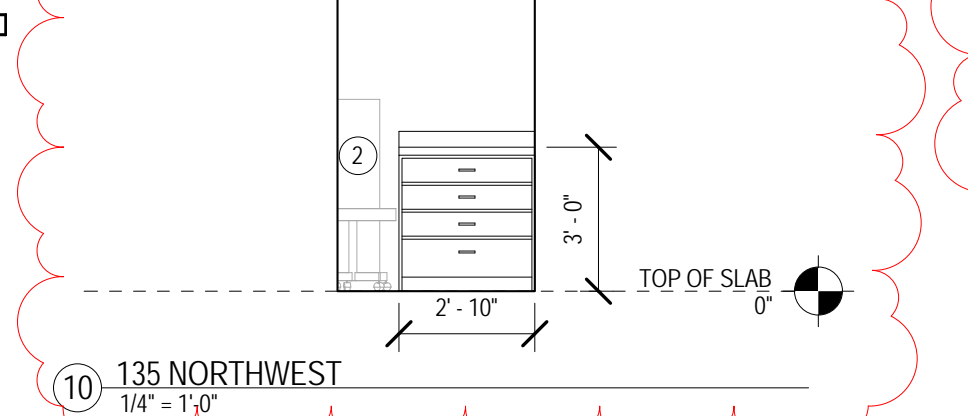
1. ADA GRAB BAR
2. TOILET TISSUE DISPENSER
3. SANITARY NAPKIN DISPOSAL
4. WALL-MOUNTED SOAP DISPENSER
5. MIRROR (VANITY)
6. FULL HEIGHT MIRROR
7. WALL-MOUNTED PAPER TOWEL DISPENSER
8. COAT HOOK

GENERAL NOTES

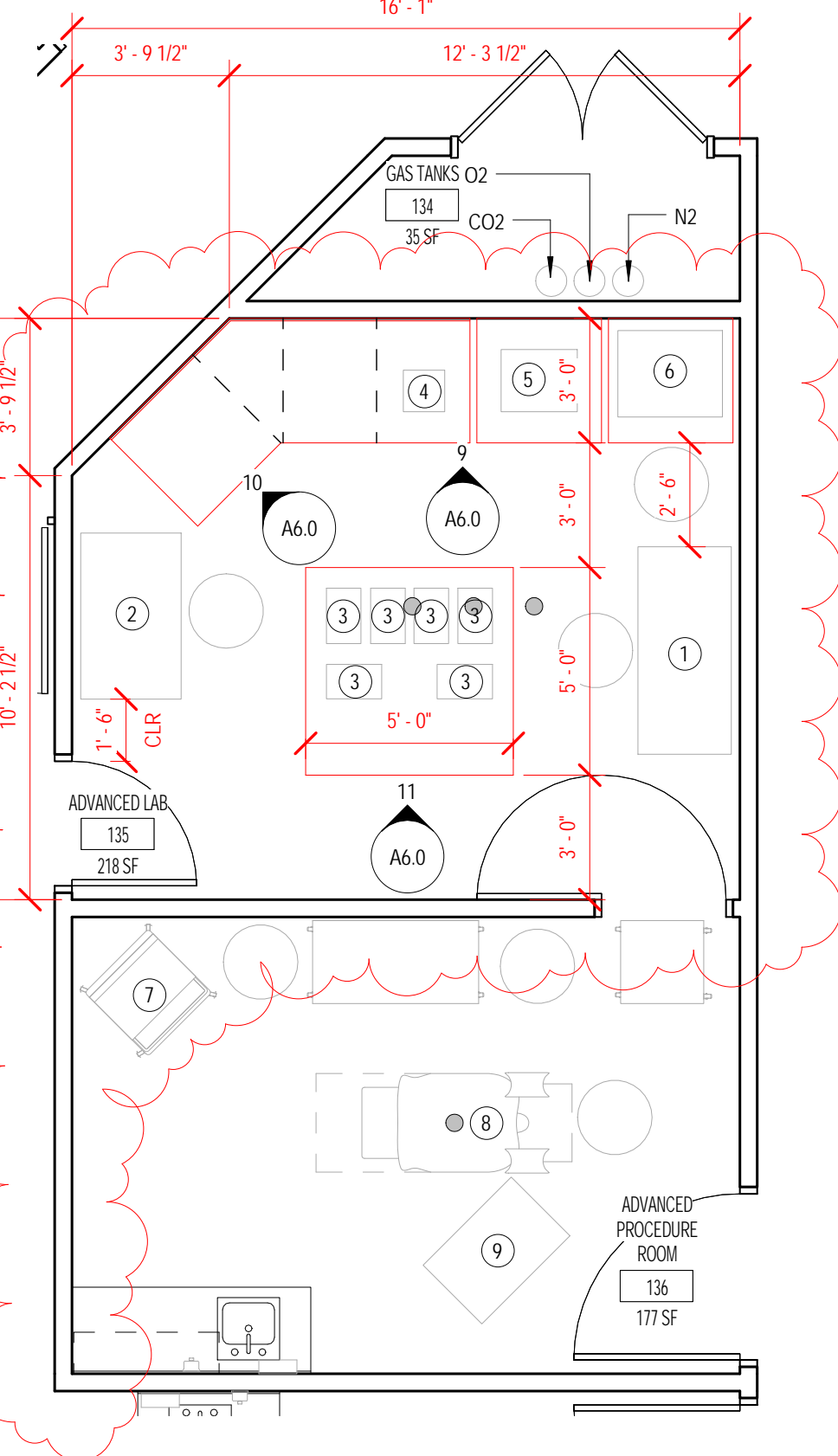
1. ALL KITCHEN & BREAKROOM EQUIPMENT & APPLIANCES ARE NOT IN CONTRACT, UNLESS NOTED OTHERWISE.



9 135 NORTH
1/4" = 1'-0"



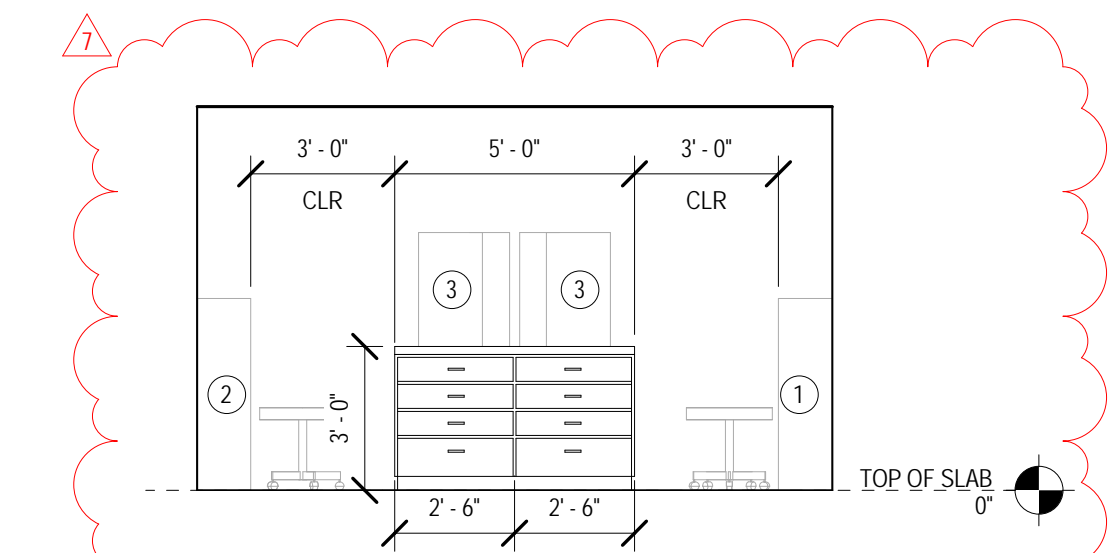
10 135 NORTHWEST
1/4" = 1'-0"



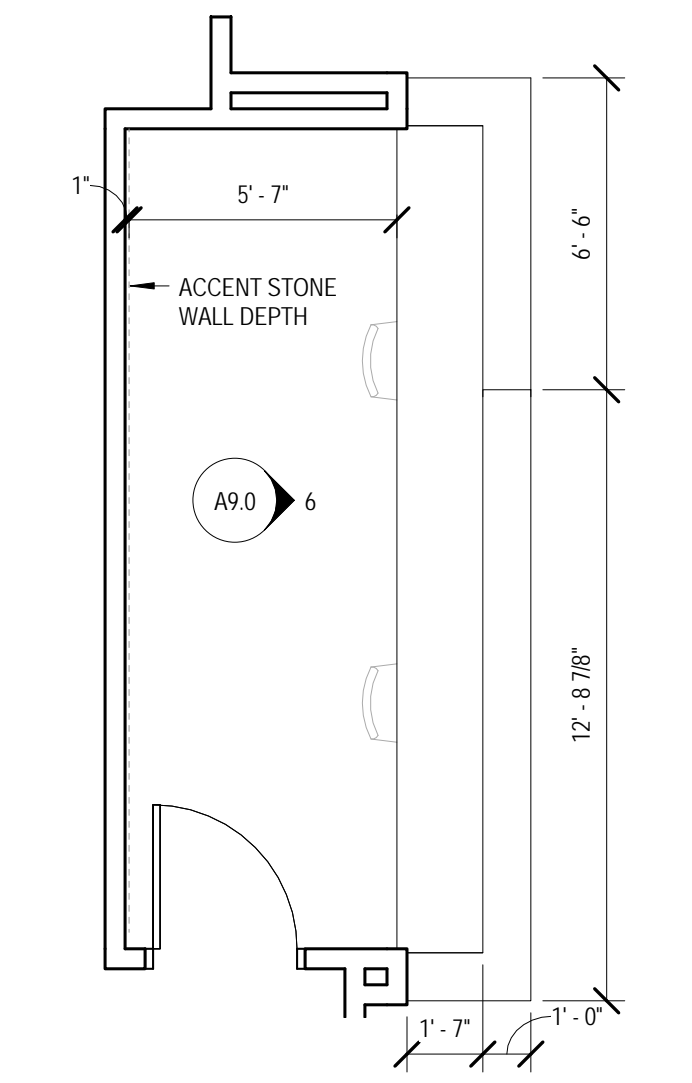
4 ENLARGED EQUIPMENT COORDINATION PLAN (N.I.C. FOR REFERENCE ONLY)
1/4" = 1'-0"

EQUIPMENT LEGEND

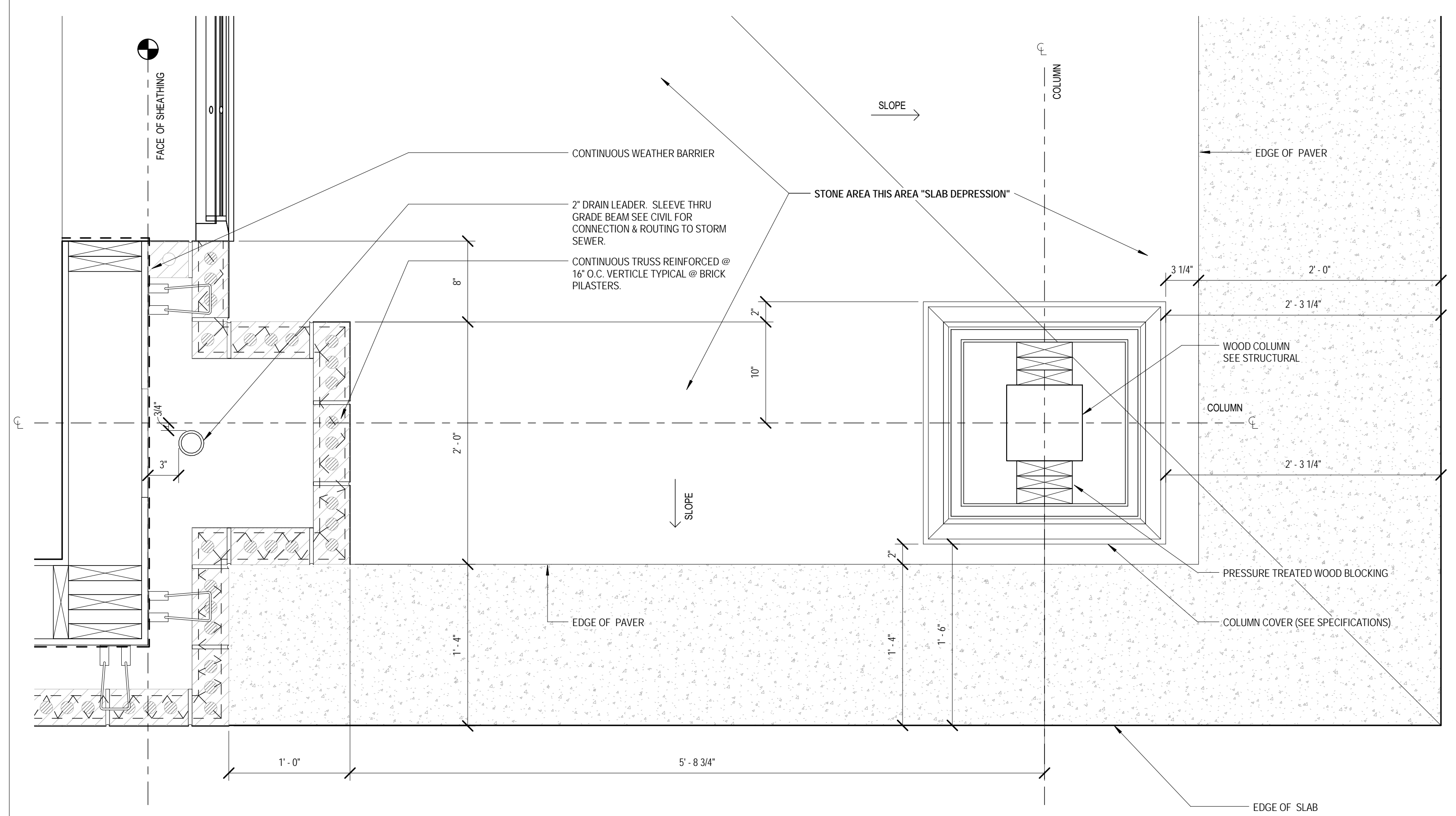
1. 5' IVF HOOD WORKSTATION
2. 4' IVF HOOD WORKSTATION
3. MINC BENCHTOP INCUBATOR
4. NIKON TABLETOP MICROSCOPE
5. OLYMPUS TABLETOP MICROSCOPE
6. FULL-SIZE INCUBATOR
7. ANESTHESIA MACHINE
8. PATIENT TABLE
9. ULTRASOUND



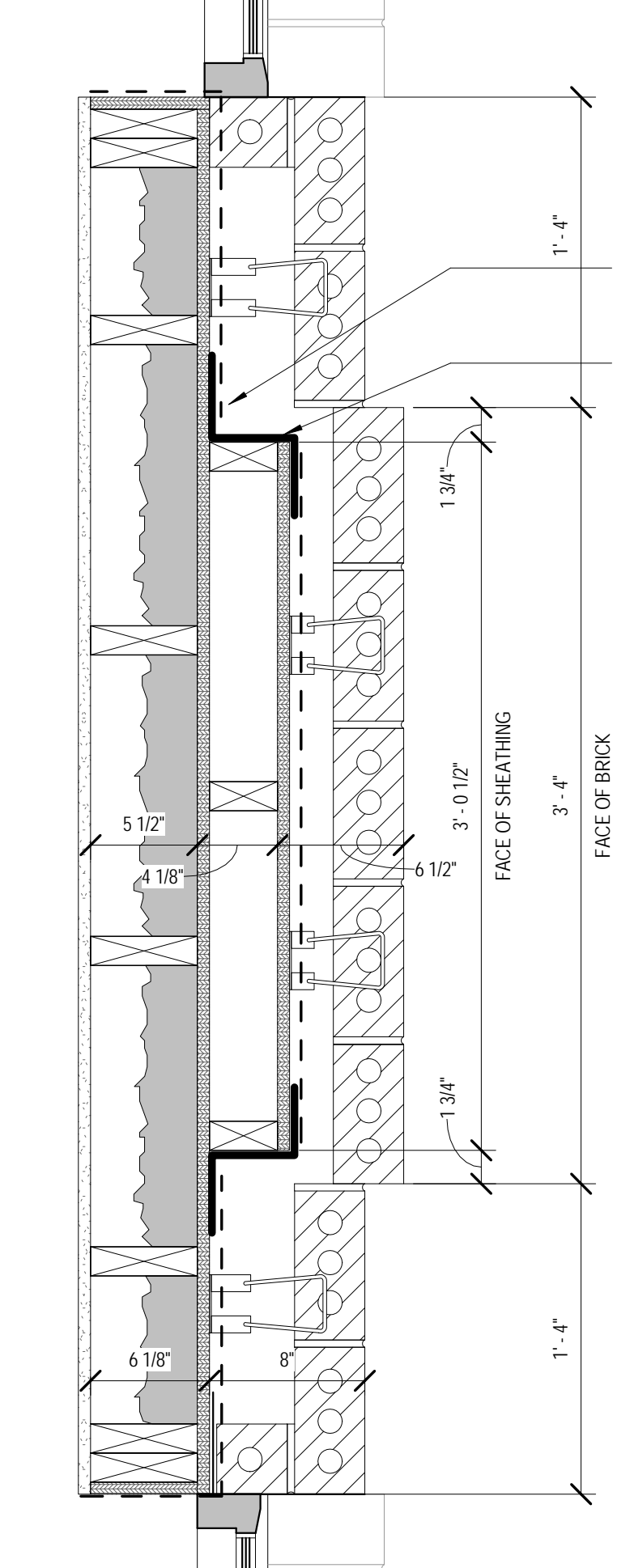
11 135 NORTH CENTER ISLAND
1/4" = 1'-0"



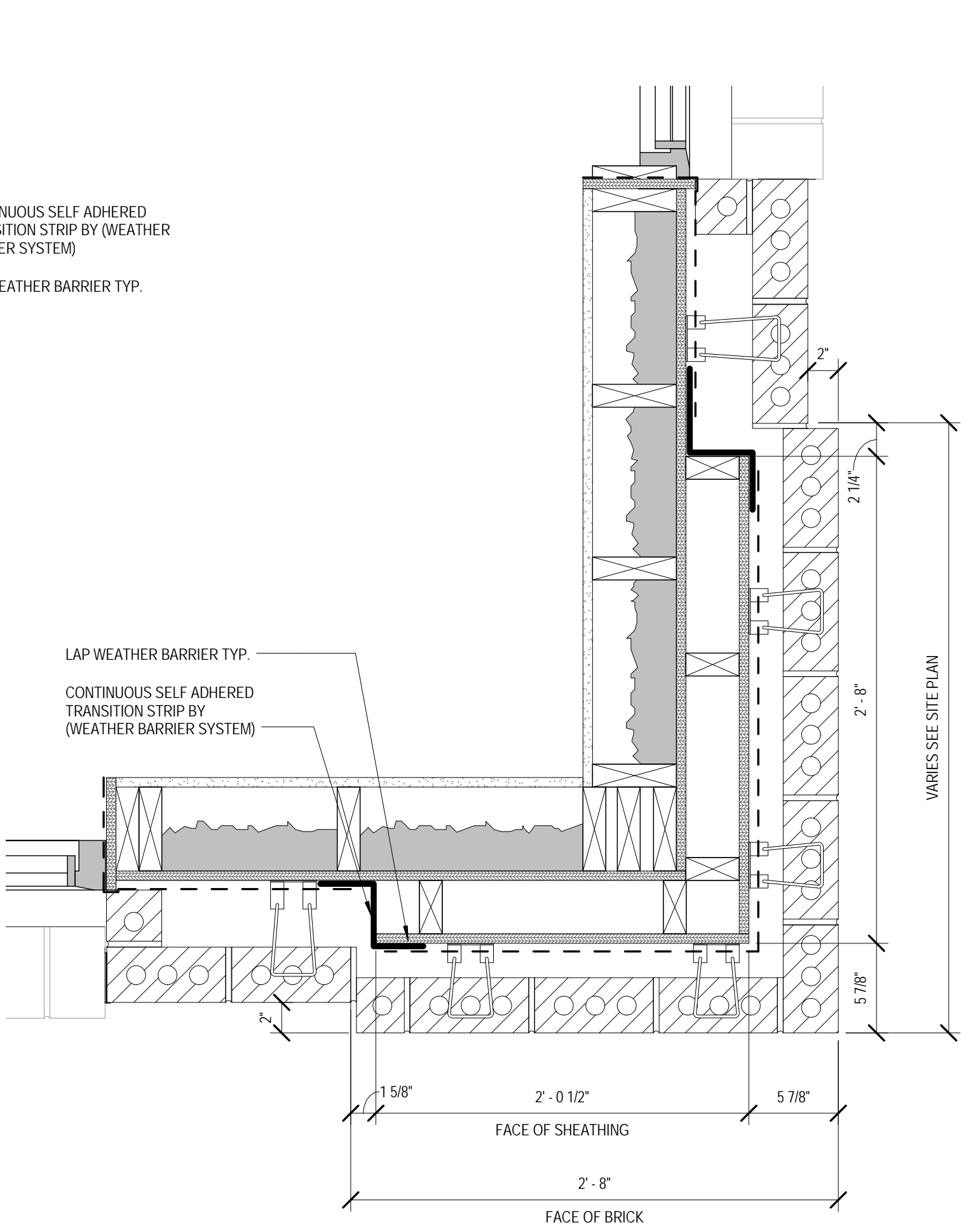
8 ENLARGED PLAN - RECEPTION DESK
1/4" = 1'-0"



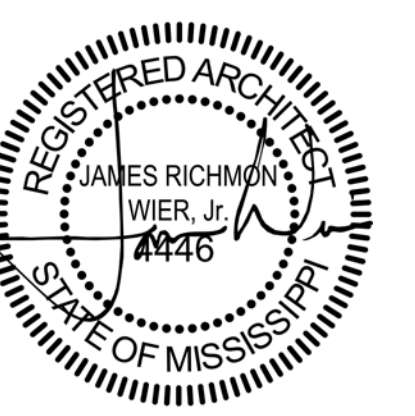
5 ENLARGED FRONT PORCH PILASTER
1 1/2" = 1'-0"



6 TYPICAL EAST ELEVATION PILASTER
1 1/2" = 1'-0"



7 TYPICAL CORNER PILASTER
1 1/2" = 1'-0"



SEPTEMBER 29, 2017
CONSTRUCTION DOCUMENTS
WBA #: 2217

REVISIONS

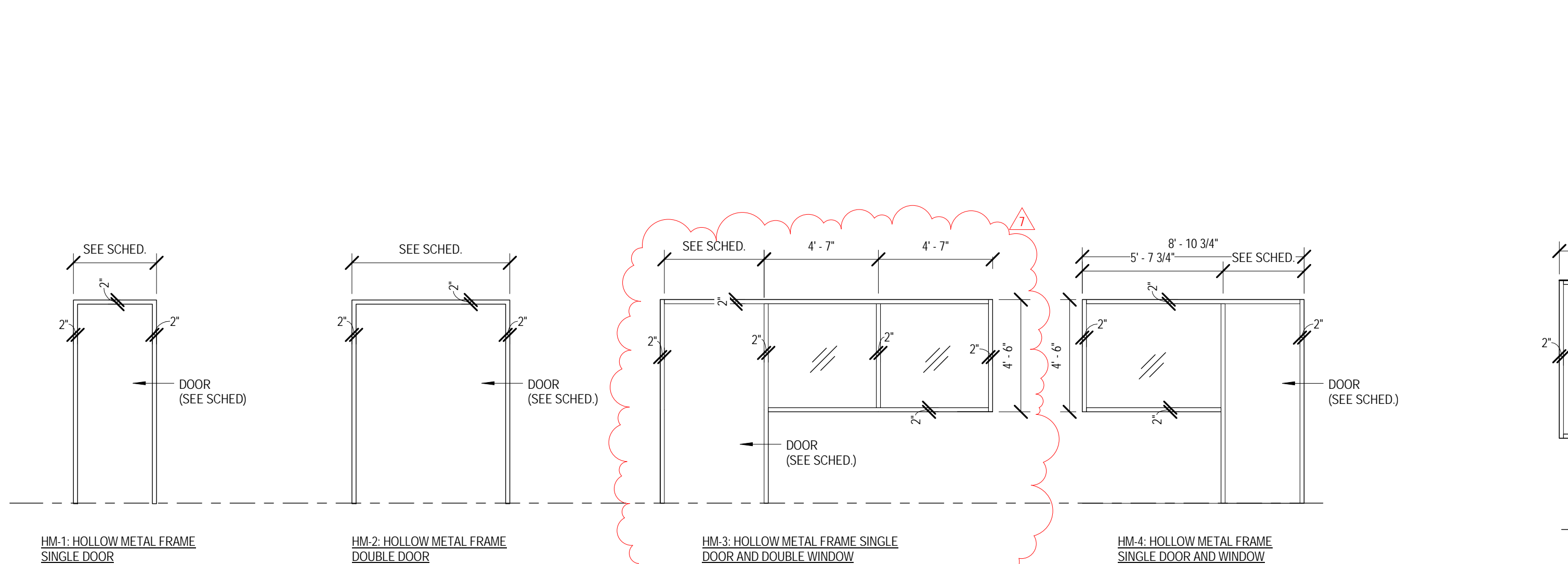
NO.	DESCRIPTION	DATE
6	PILASTER DETAILS	12.19.17
7	BULLETIN 02	1.02.18

A6.0
ENLARGED PLANS

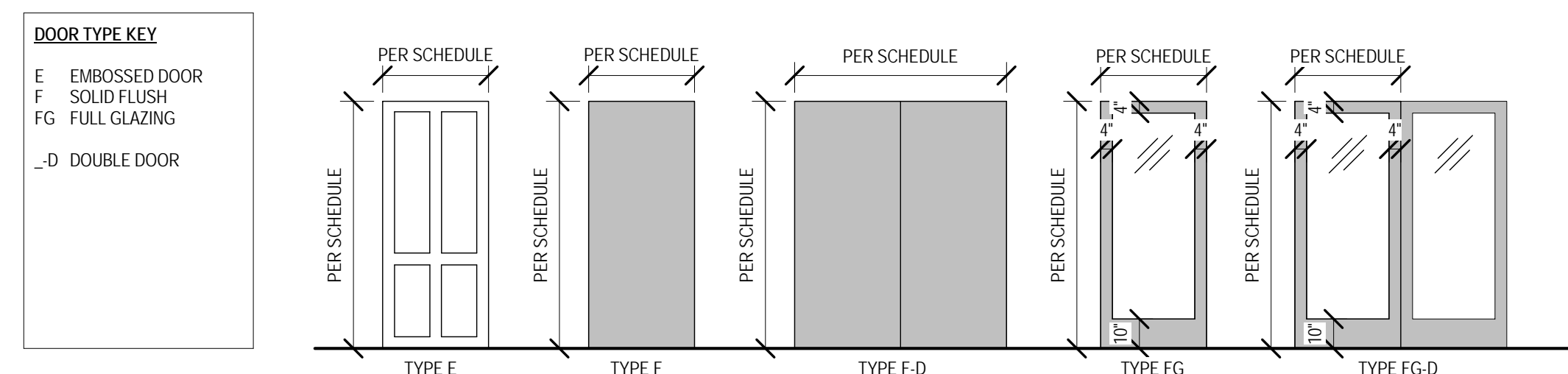
**POSITIVE STEPS
FERTILITY, DR. J.
PRESTON PARRY**

OWNER/DEVELOPER: DIANA
FOUNTAINS, LLC
OWNER CONSULTANT:
EVERETT CONSULTING GROUP,
LLC
GENERAL CONTRACTOR:
PROBITY CONTRACTING
GROUP, LLC

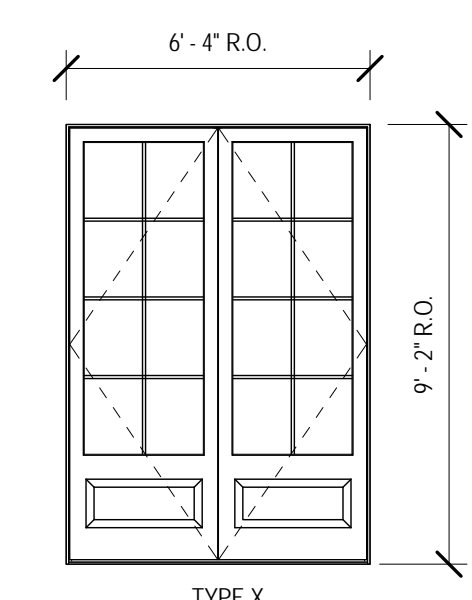
DOOR SCHEDULE																
TAG	OPENING RM NAME	RTG	OPENING SIZE		DOOR			GL TYPE	FRAME			HDWR	REMARKS			
			WIDTH	HEIGHT	TYPE	MTL	FIN		TYPE	MTL	FIN			JAMB	HEAD	SILL
100A	RECEPTION		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL				
100B	WAITING		6'-4"	9'-2"	X	WD	PT					ACCESS CONTROL	8			
100C	WAITING		3'-0"	8'-0"	F	WD	PT						CASED OPENING			
100D	WAITING		4'-0"	8'-0"	FG	WD	PT					ACCESS CONTROL				
100E	WAITING		4'-0"	8'-0"	FG	WD	PT					ACCESS CONTROL				
101	WAITING RESTROOM		3'-0"	8'-0"	F	HM	PT									
102	DR. PARRY'S OFFICE		3'-0"	8'-0"	E	WD	PT									
103	CONSULT		3'-0"	8'-0"	E	WD	PT									
104	NURSING OFFICE		3'-0"	8'-0"	E	WD	PT									
105	CONSULT		3'-0"	8'-0"	E	WD	PT									
106	CLEAN UTILITY		3'-0"	8'-0"	F	HM	PT									
107	COLLECTION		3'-0"	8'-0"	E	WD	PT									
108	CONFERENCE/BREAK		3'-0"	8'-0"	F	WD	PT									
109	COLLECTION		3'-0"	8'-0"	E	WD	PT									
111	PRIMARY LAB		4'-0"	8'-0"	B	HM	PT					ACCESS CONTROL				
111A	PRIMARY LAB		4'-0"	8'-0"	FG	HM	PT					ACCESS CONTROL				
112	OFFICE		3'-0"	8'-0"	FG	WD	PT									
113	OFFICE		3'-0"	8'-0"	FG	WD	PT									
114	OFFICE		3'-0"	8'-0"	FG	WD	PT									
115	LIQUID N2 STORAGE	45	4'-0"	8'-0"	FG	HM	PT					ACCESS CONTROL	8			
116	ELECTRIC		3'-0"	8'-0"	F	WD	PT									
117	TANK EXCHANGE	45	4'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL				
118	DIRTY UTILITY		4'-0"	7'-0"	F	HM	PT					ACCESS CONTROL				
118A	DIRTY UTILITY		4'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL				
119	CLEAN LINEN		3'-0"	7'-0"	F	HM	PT									
119A	CLEAN LINEN		3'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL				
120	DIRTY LINEN		3'-0"	7'-0"	F	HM	PT									
120A	DIRTY LINEN		3'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL				
121	TRASH		3'-0"	7'-0"	F	GALV. HM	PT									
121A	TRASH		3'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL	8			
122	RISER ROOM		3'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL	8			
123	CONSULT		3'-0"	8'-0"	E	WD	PT									
124	OFFICE		3'-0"	8'-0"	E	WD	PT									
125	FINANCIAL COUNSELING		3'-0"	8'-0"	E	WD	PT									
126	STAFF RESTROOM		3'-0"	8'-0"	E	WD	PT									
128	CORRIDOR		4'-0"	7'-0"	F	GALV. HM	PT					ACCESS CONTROL				
129	EXAM 1		3'-0"	8'-0"	E	WD	PT									
130	PATIENT RESTROOM		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL				
130A	PATIENT RESTROOM		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL	8			
131	EXAM 2		3'-0"	8'-0"	E	WD	PT									
131A	PATIENT RESTROOM		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL	8			
132	STORAGE		6'-0"	8'-0"	F-D	WD	PT									
134	GAS TANKS	45	6'-0"	8'-0"	F-D	WD	PT									
135	ADVANCED LAB		3'-0"	7'-0"	F	HM	PT					ACCESS CONTROL				
135A	ADVANCED LAB		3'-0"	7'-0"	F	HM	PT					ACCESS CONTROL				
136	ADVANCED PROCEDURE ROOM		4'-0"	8'-0"	F	HM	PT					ACCESS CONTROL	DOOR SWING REVISED TO BE 180 DEGREES			
137	CORRIDOR		3'-0"	8'-0"	F	WD	PT									
138	EXAM 3		3'-0"	8'-0"	E	WD	PT									
139	EXAM 4		3'-0"	8'-0"	E	WD	PT									
139A	EXAM 4		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL				
140	PATIENT RESTROOM		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL	8			
141	EXAM 5		3'-0"	8'-0"	E	WD	PT									
141A	EXAM 5		3'-0"	8'-0"	E	WD	PT					ACCESS CONTROL				
200	DATA		3'-0"	7'-0"	F	WD	PT									



1 DOOR FRAME TYPES 1/4" = 1'-0"
2 INTERIOR HOLLOW METAL FRAME WINDOW 1/4" = 1'-0"
3 LARGE TYPICAL WINDOW 1/4" = 1'-0"
4 FRONT PORCH WINDOW 1/4" = 1'-0"
5 SMALL TYPICAL WINDOW 1/4" = 1'-0"
6 FRONT PORCH TOP WINDOW 1/4" = 1'-0"

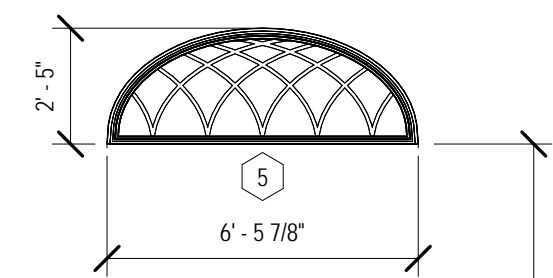


6 DOOR TYPES 1/4" = 1'-0"



7 FRONT DOOR 1/4" = 1'-0"

ALUMINUM WOOD DOOR
GLAZING= TO CARDINAL LOW E 240/CLEAR
SHGC= .25



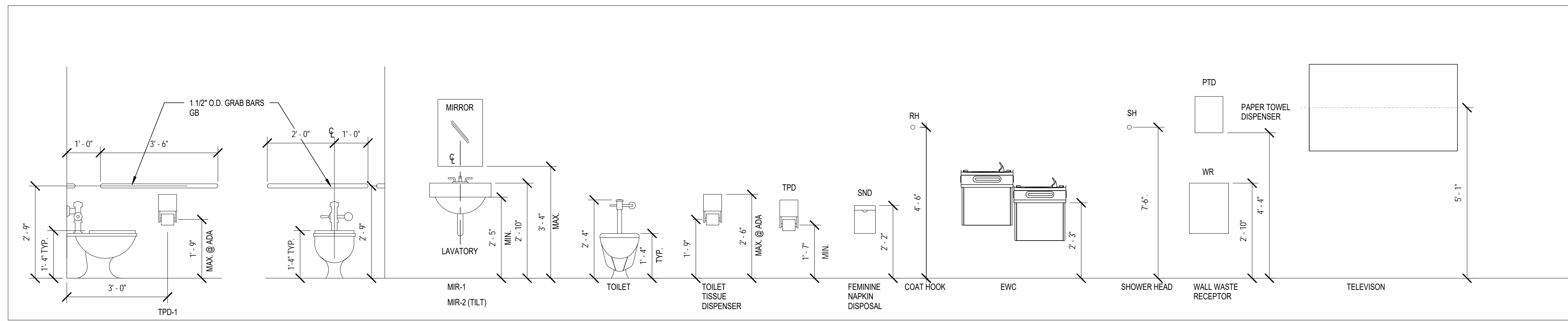
8 FRONT PORCH TOP WINDOW 1/4" = 1'-0"



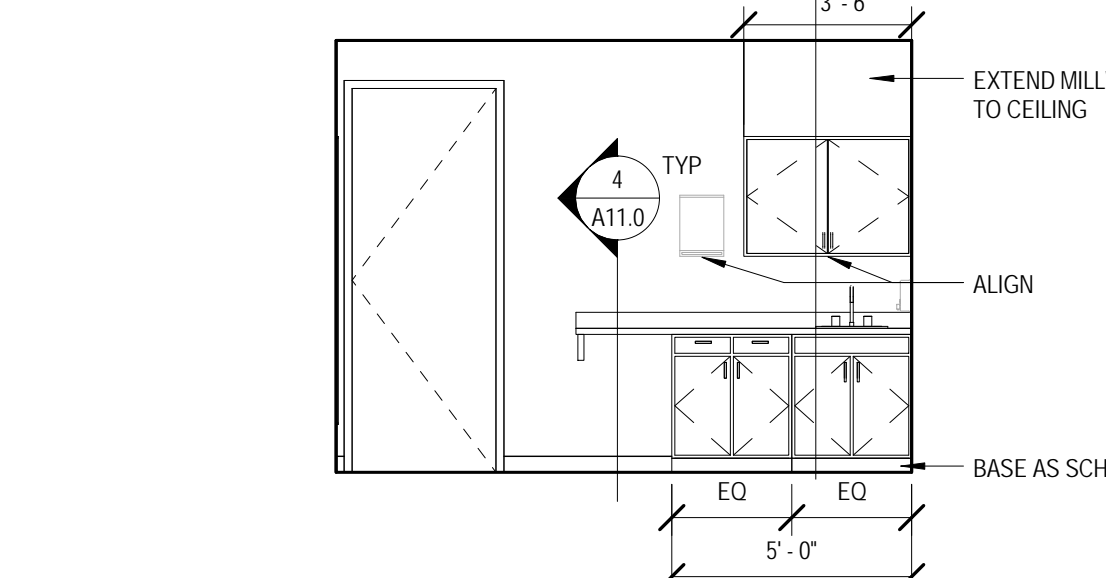
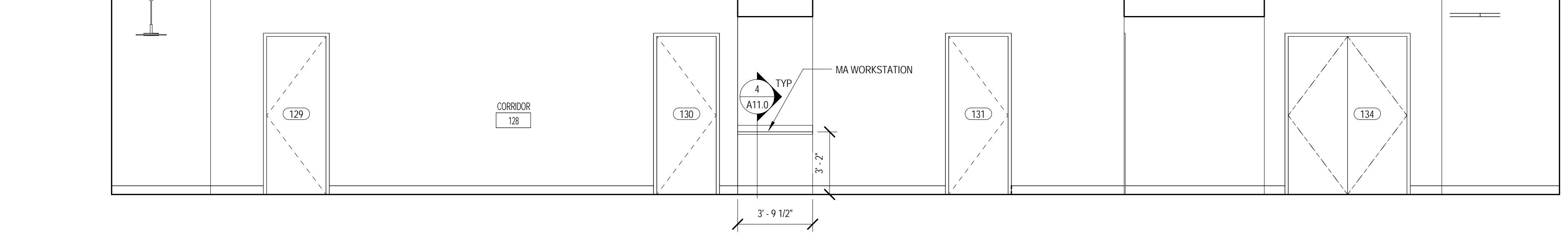
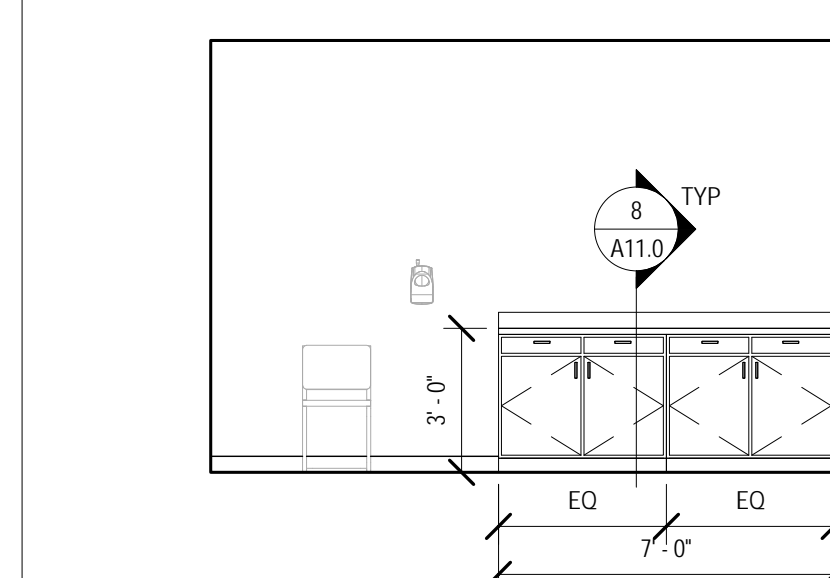
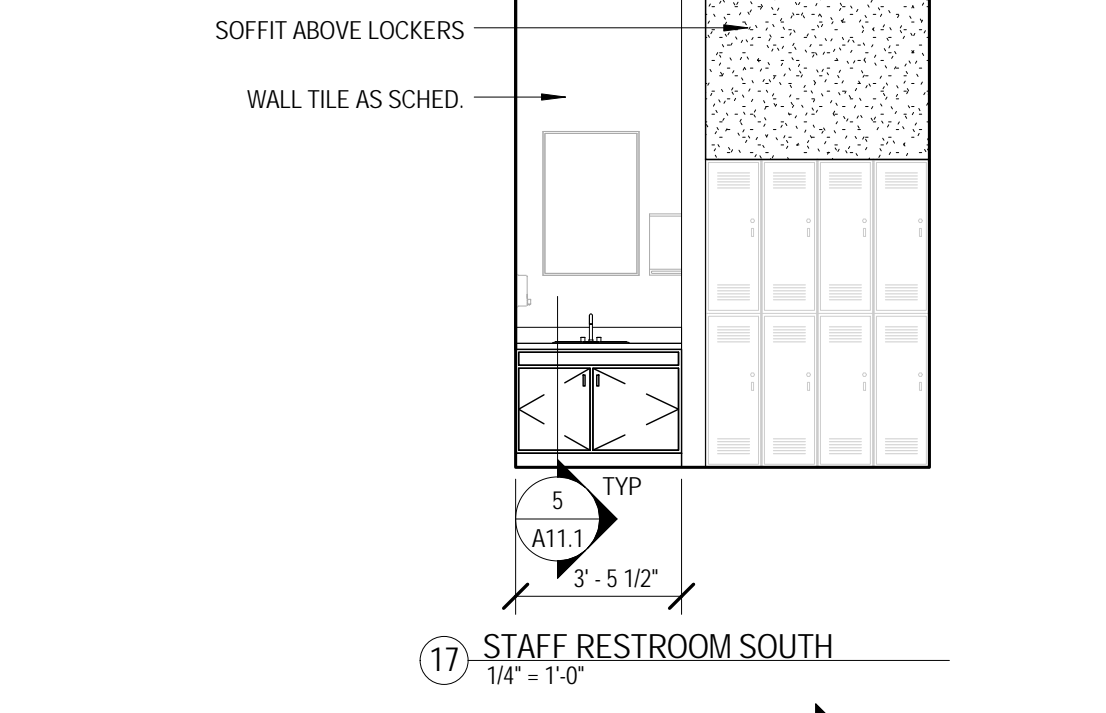
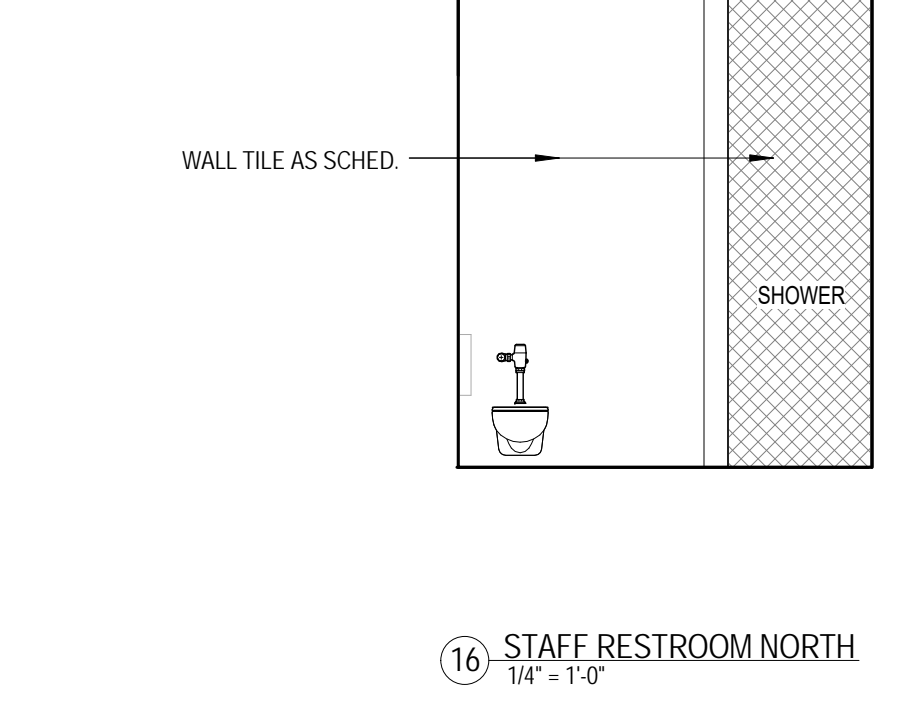
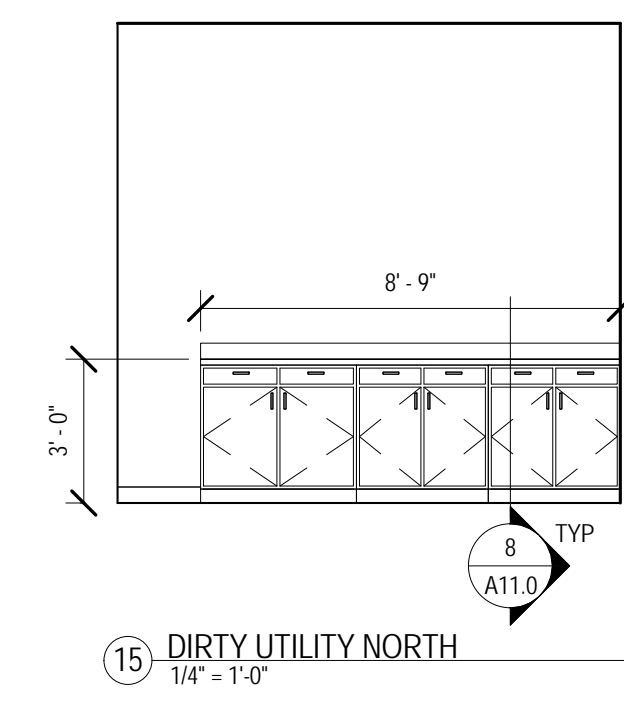
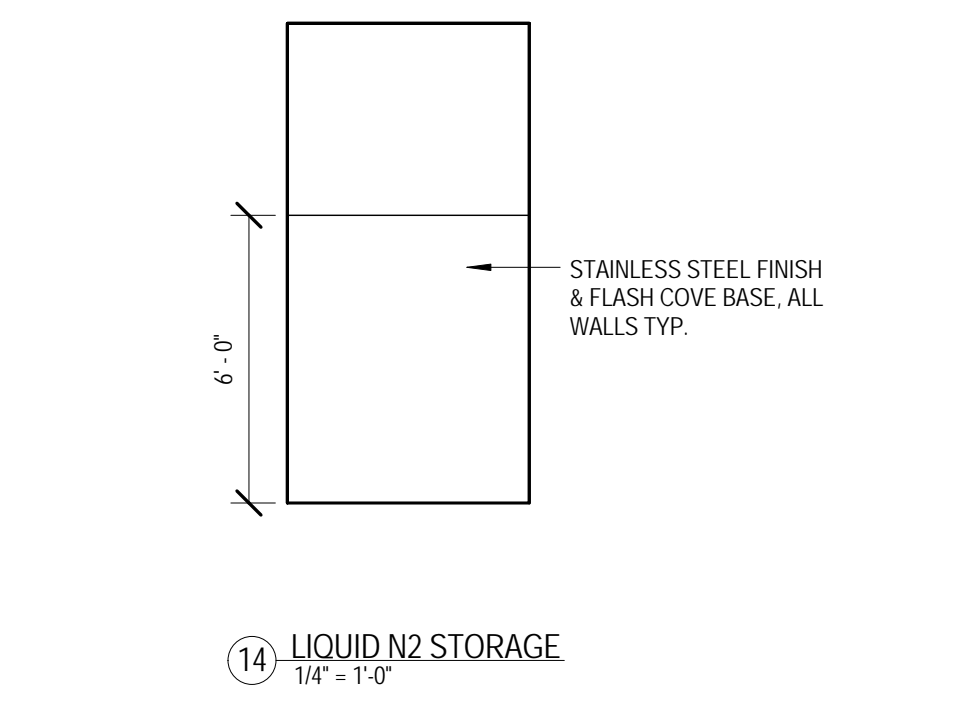
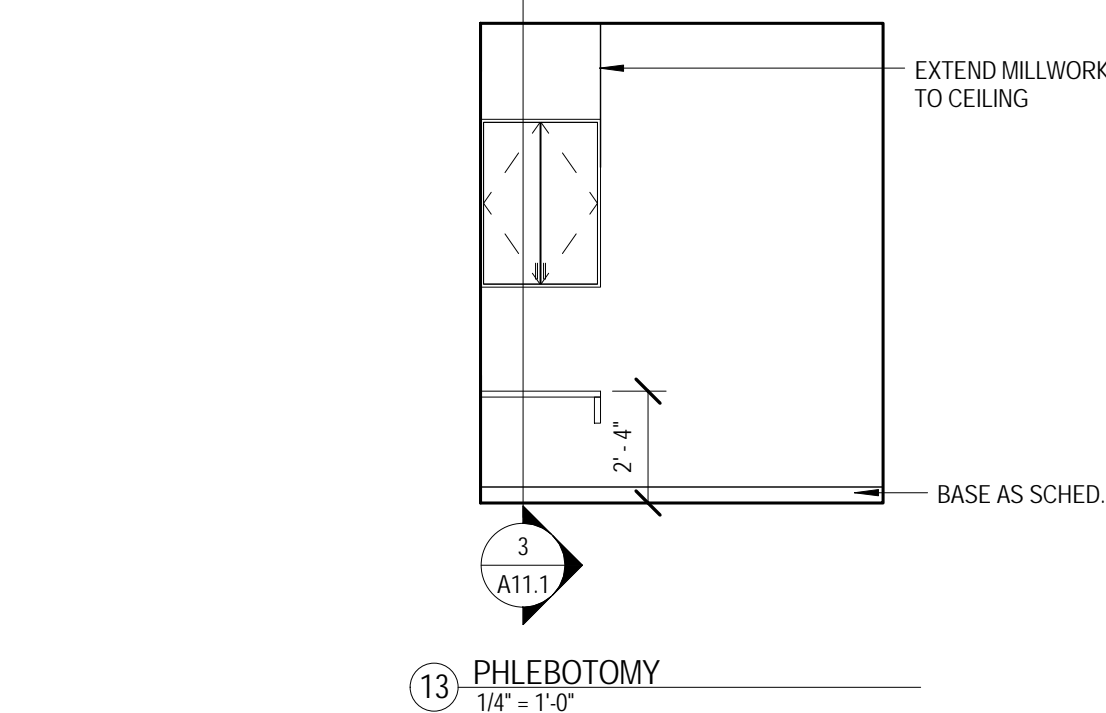
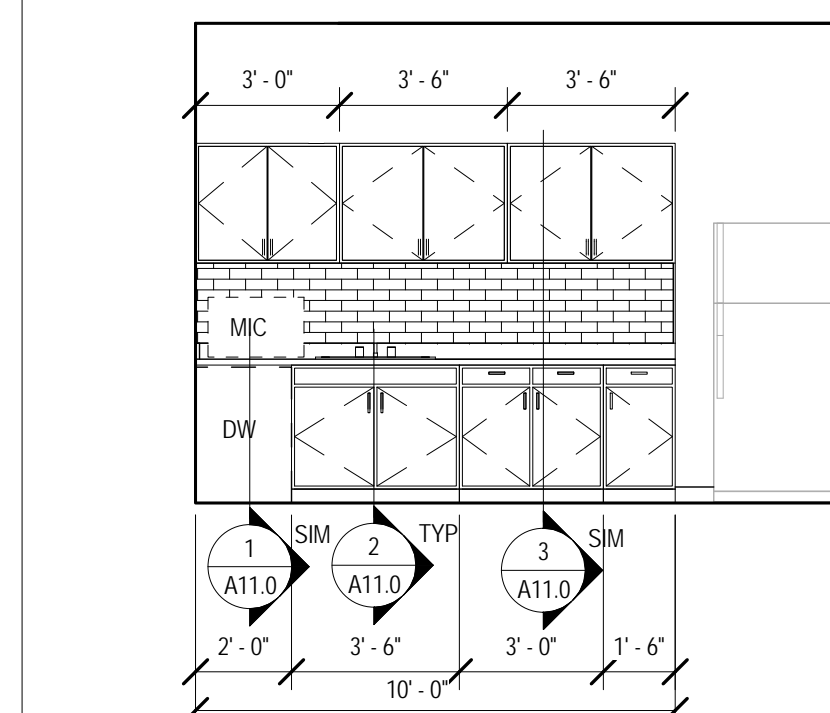
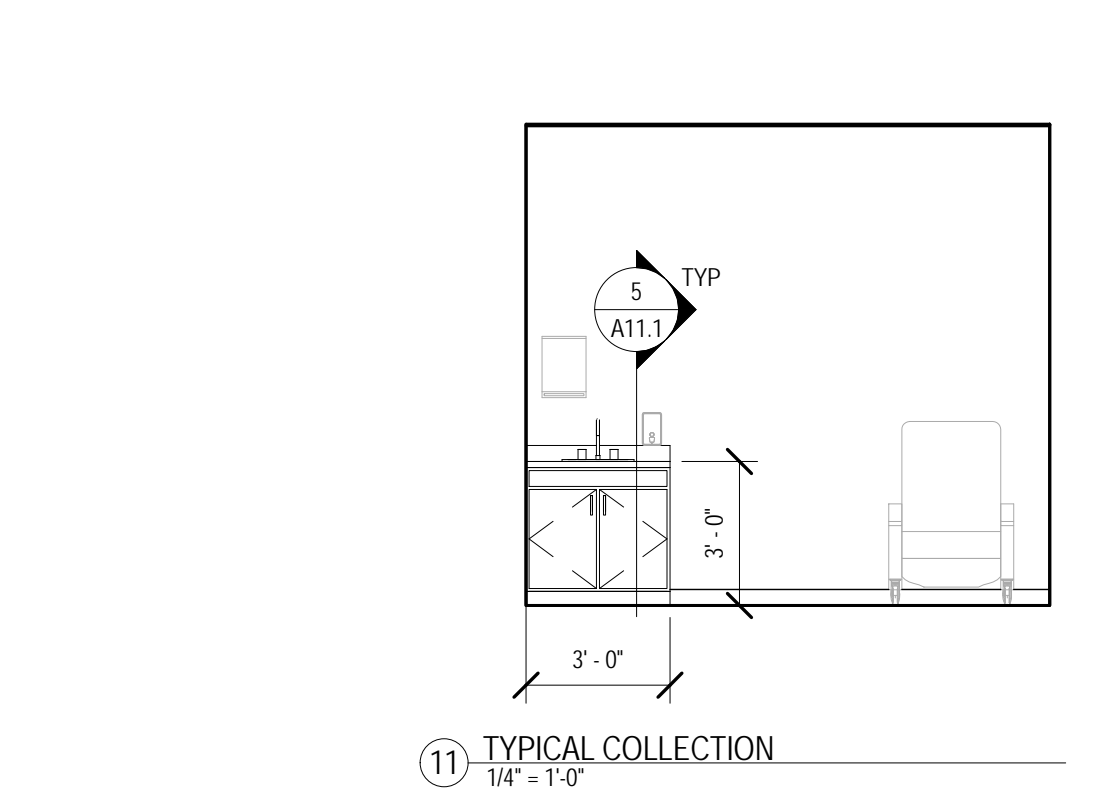
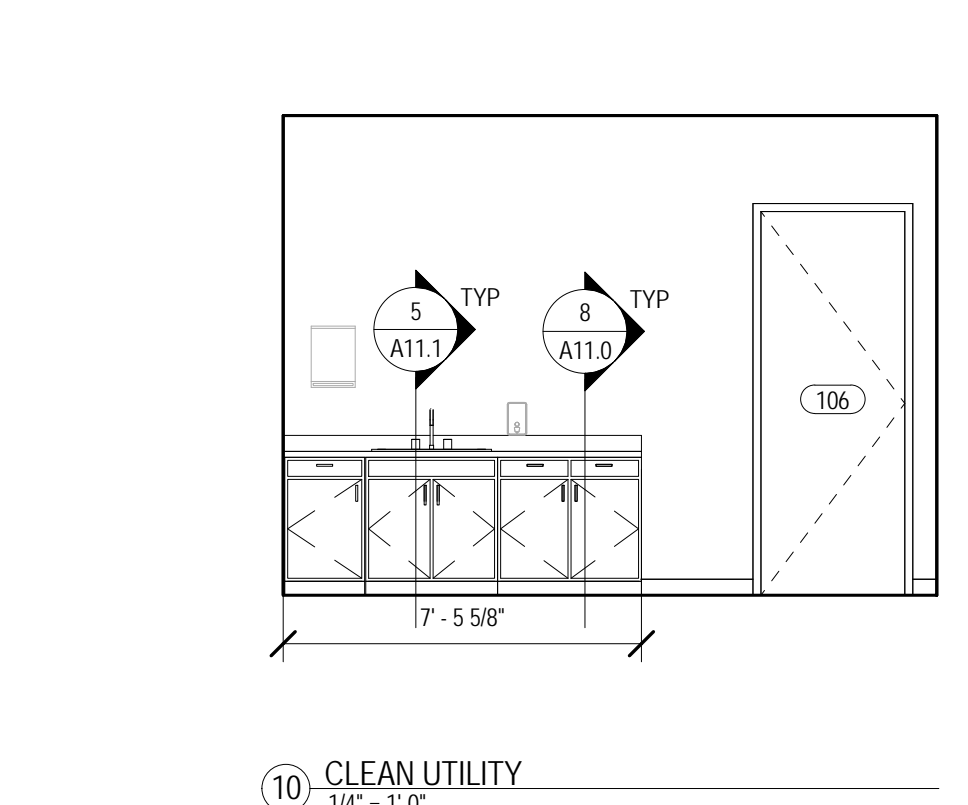
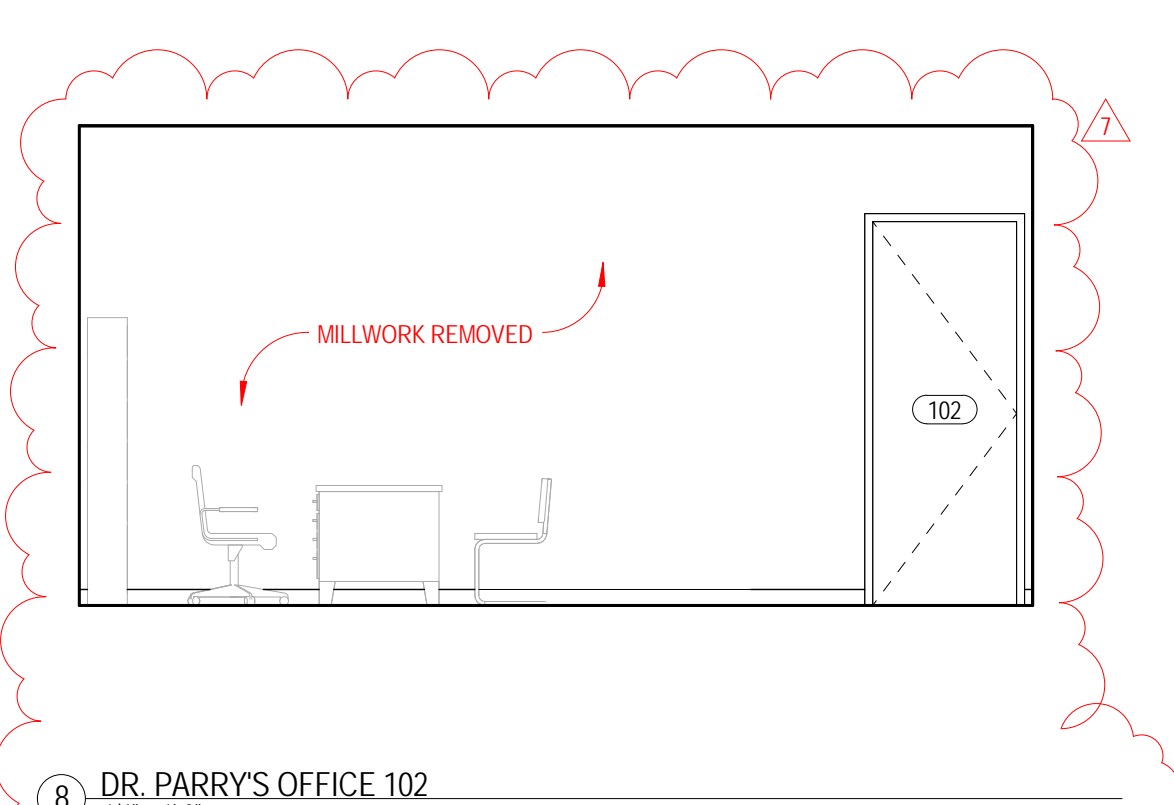
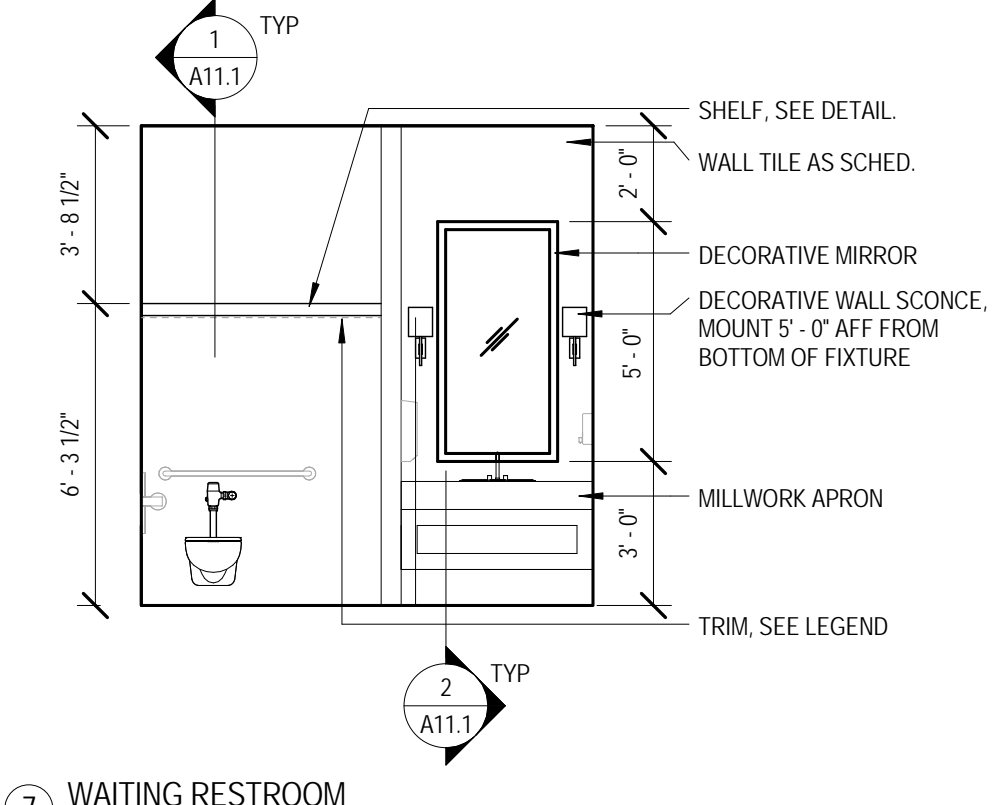
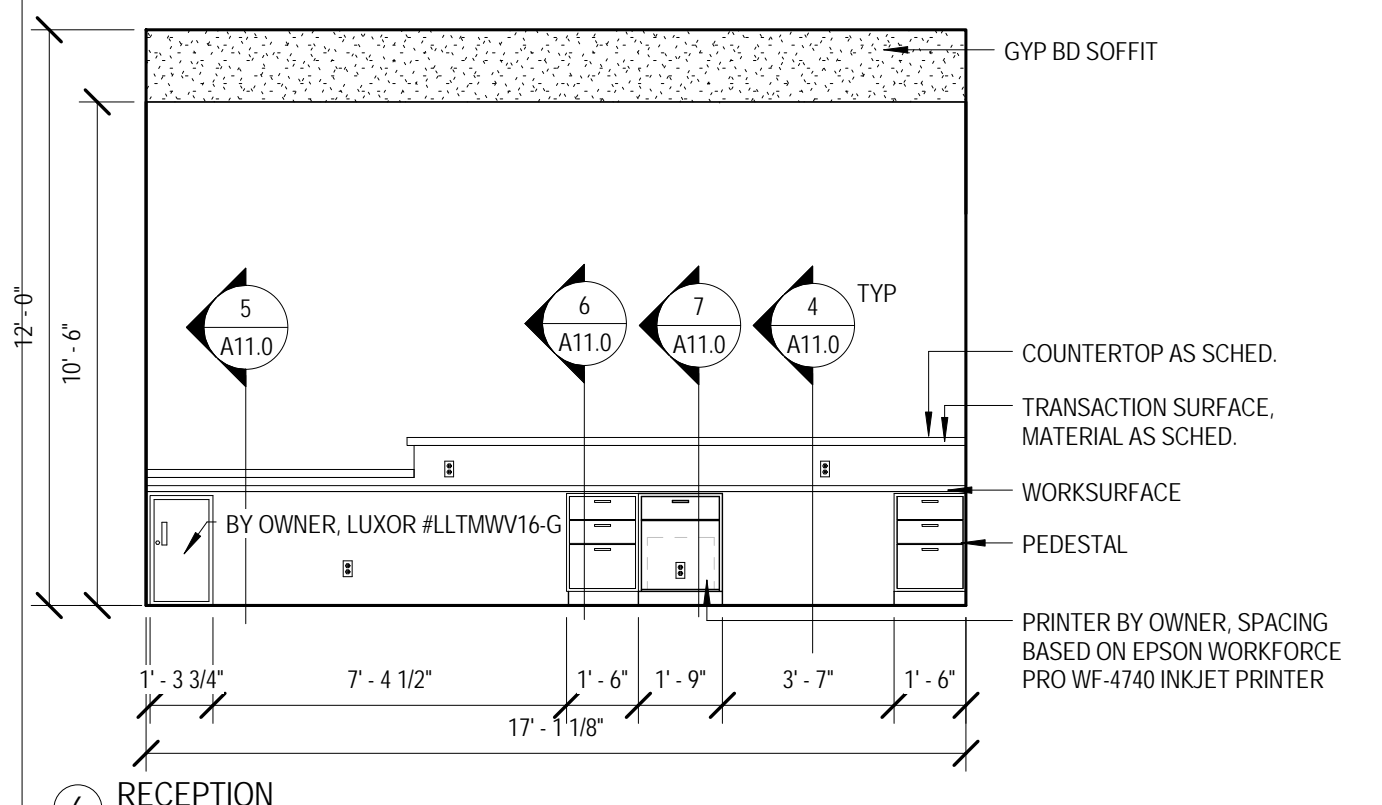
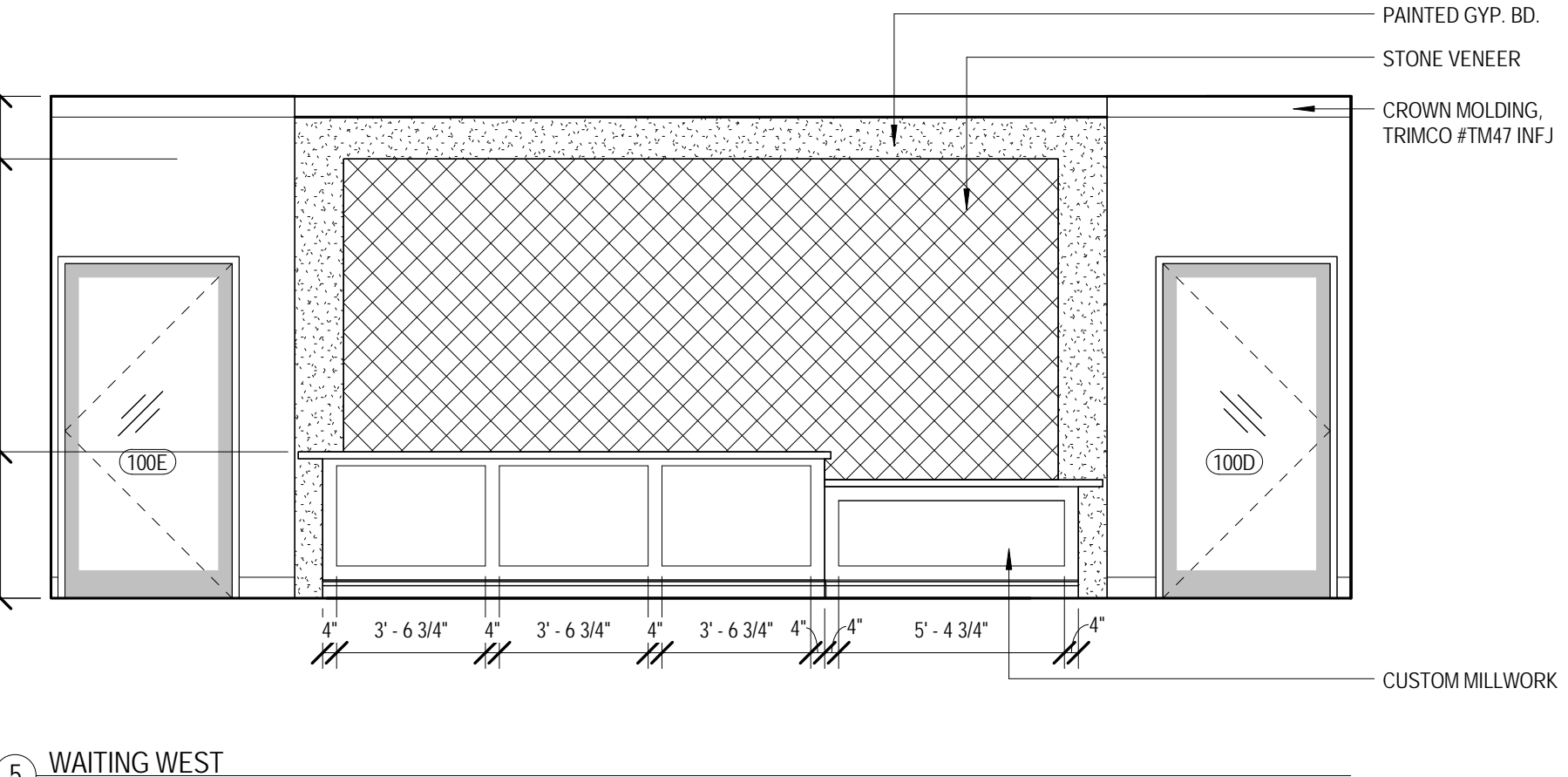
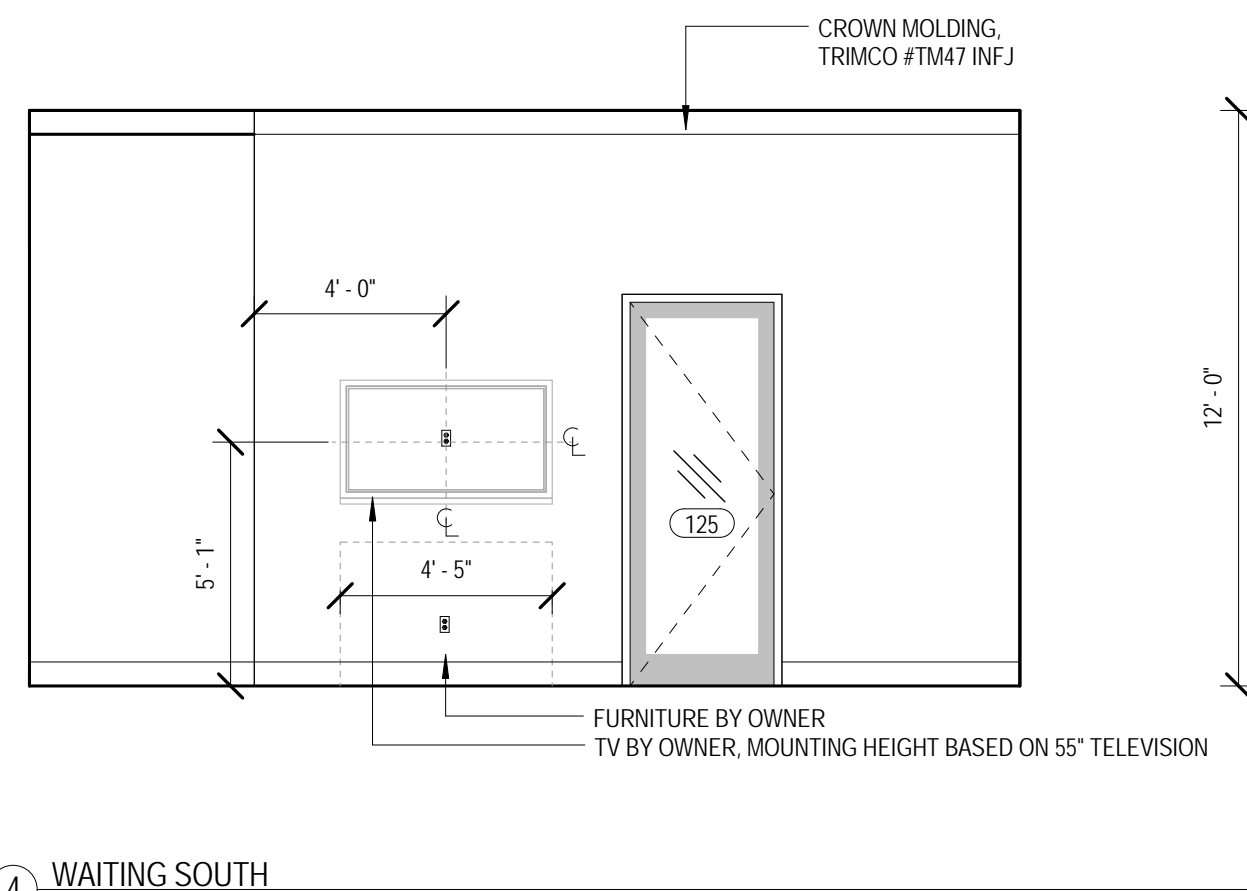
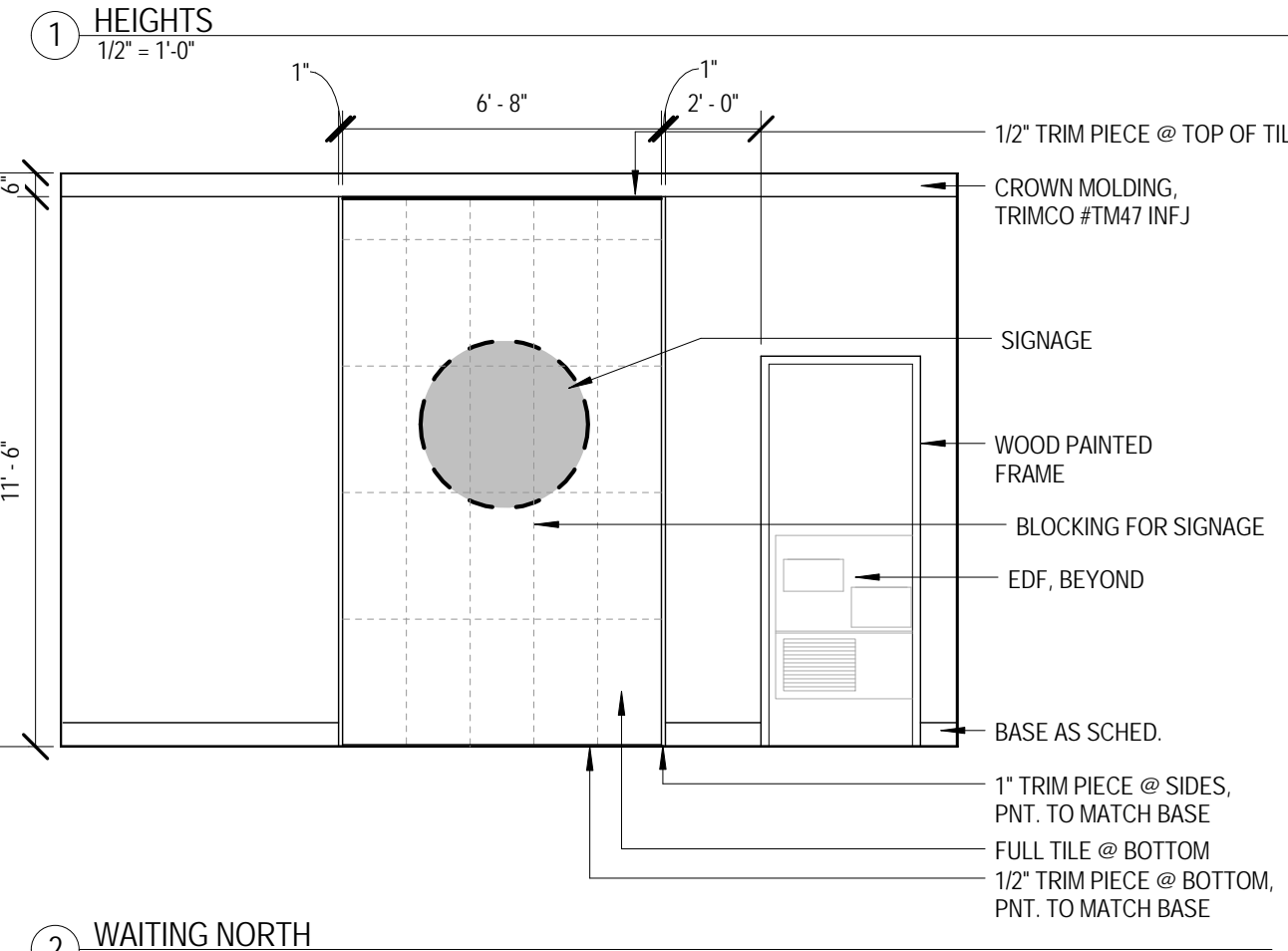
SEPTEMBER 29, 2017
CONSTRUCTION DOCUMENTS
WBA #: 2217

REVISIONS		
NO.	DESCRIPTION	DATE
7	BULLETIN 02	1.02.18
8	SUBMITTAL COMMENTS	12.13.18

A8.0
DOOR SCHEDULE



TYPICAL TOILET ACCESSORIES MOUNTING



NOTES:
 PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF WALL PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING WALL-MOUNTED DOOR STOPS, HANDRAILS, WALL-MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.

WIER BOERNER ALLIN ARCHITECTURE
 2727 OLD CANTON RD, SUITE 200 JACKSON, MISSISSIPPI 39216
 P:601.321.9107 F:601.321.9108

POSITIVE STEPS FERTILITY, DR. J. PRESTON PARRY

OWNER/DEVELOPER: DIANA FOUNTAINS, LLC
 OWNER CONSULTANT: EVERETT CONSULTING GROUP, LLC
 GENERAL CONTRACTOR: PROBITY CONTRACTING GROUP, LLC



SEPTEMBER 29, 2017
 CONSTRUCTION DOCUMENTS
 WBA #: 2217

REVISIONS		
NO.	DESCRIPTION	DATE
7	BULLETIN 02	1.02.18

A9.0
 INTERIOR ELEVATIONS

**FOUNTAINS
DOCTOR'S OFFICE**

9.29.17
FOUNTAINS BLVD.
MADISON, MS 39110

Water Fountains were removed and millwork was added. Water line remained.

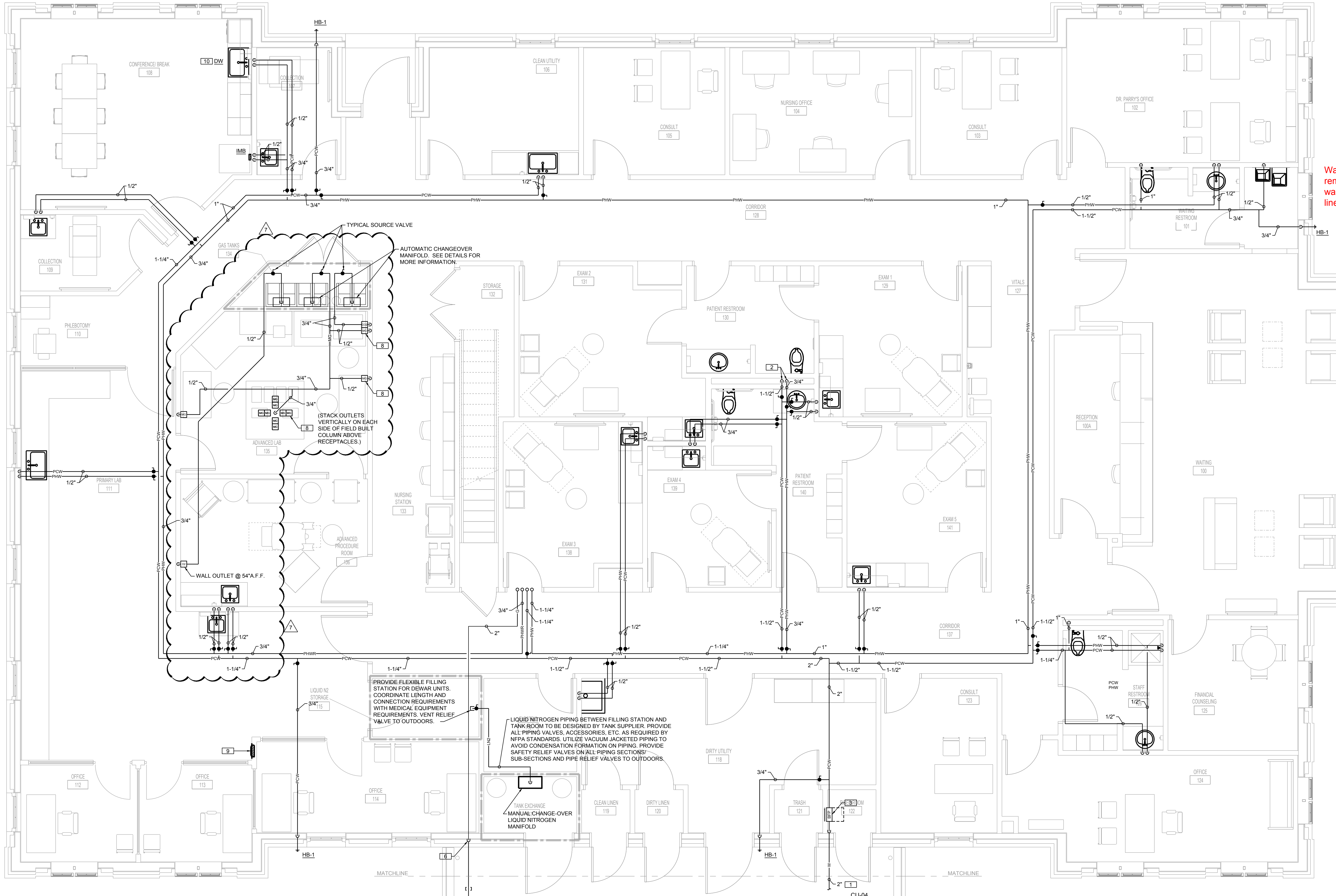
SPECIFIC WATER, GAS AND LABORATORY GAS NOTES

(SEE GENERAL PLUMBING NOTES FOR MORE INFORMATION)

1. TYPICAL SERVICE PIPING BELOW GRADE AT APPROXIMATELY THIS LOCATION. SEE CIVIL PLAN FOR CONTINUATION.
2. EXTEND NEW FULL SIZE WATER HEADER PIPING HORIZONTALLY IN PLUMBING CHASES WITH BRANCH PIPING TO SERVE INDIVIDUAL FIXTURES SIZED PER PLUMBING FIXTURE ROUGH-IN SCHEDULE AND INCLUDING WATER HAMMER ARRESTERS.
3. REDUCED PRESSURE BACKFLOW PREVENTER MOUNTED AT ±60" A.F.F. WITH DRAIN TO OUTDOORS TO SPLASH BLOCK. SEE DETAIL.
4. TYPICAL NEW GAS SERVICE PIPING ROUTED BELOW GRADE. VERIFY/COORDINATE WITH LOCAL SERVING UTILITY COMPANY. ALL COST AND COORDINATION SHALL BE BY THIS CONTRACTOR.
5. GAS METER/REGULATOR PROVIDED BY SERVING UTILITY COMPANY. COST AND

COORDINATION SHALL BE BY THIS CONTRACTOR. REGULATE 1700 CFH TO 2 PSI.

6. LOW PRESSURE GAS PIPING (SIZE AS INDICATED) ROUTED UP IN EXTERIOR WALL AT APPROXIMATELY THIS LOCATION.
7. GAS REGULATOR, CAPACITY AND PRESSURES AS INDICATED. SEE DETAIL FOR PIPING REQUIREMENTS.
8. TYPICAL MEDICAL GAS WALL OUTLET. SEE PLAN FOR TYPE. COORDINATE ROUGH-IN LOCATION AND CONNECTION TYPE REQUIREMENT WITH LABORATORY EQUIPMENT SUPPLIER.
9. LABORATORY GAS ALARM PANEL MOUNTED ON WALL AT ±54" A.F.F. VERIFY MOUNTING LOCATION WITH ARCHITECT.
10. CONNECT 1/2" HW FOR DISHWASHER TO SINK.



FIRST LEVEL WATER, GAS AND LABORATORY GAS PLAN
SCALE: 1/4"=1'-0"



SEPTEMBER 29, 2017
CONSTRUCTION DOCUMENTS
WBA #: 2217

REVISIONS

NO.	DESCRIPTION	DATE
7	BULLETIN 02	1.02.18

GSK
MECHANICAL
201 PARK COURT-SUITE A
RIDGELAND, MS 39157
PHONE: 601-695-2930
FAX: 1-844-493-3111
www.gskmech.com
GSK#: 116-002

P1.1
FIRST LEVEL WATER, GAS AND
LABORATORY GAS PLAN

LEGEND - PLUMBING

MARK	DESCRIPTION
W	NEW SITE WATER SERVICE PIPING
F	NEW SITE FIRE PROTECTION WATER PIPING
MPO	NEW MEDIUM PRESSURE GAS PIPING
GSP	NEW GAS SERVICE PIPING (BY SERVING UTILITY)
G	NEW LOW PRESSURE GAS PIPING
RL	NEW RAIN LEADER PIPING
-----	NEW SANITARY VENT PIPING
SS	NEW SANITARY WASTE PIPING
PCW	NEW DOMESTIC COLD WATER PIPING
PHW	NEW DOMESTIC HOT WATER PIPING (120°F)
PHWR	NEW DOMESTIC RECIRCULATING HOT WATER PIPING (120°F)
C	NEW CONDENSATE DRAIN PIPING
SL	NEW REFRIGERANT SUCTION AND LIQUID PIPING
MG	NEW MIXED GAS PIPING
CO2	NEW CARBON DIOXIDE PIPING
LN2	NEW LIQUID NITROGEN PIPING
●	FULL PORT BALL VALVE (LEAD-FREE)
○	CIRCUIT-SETTER TYPE MANUAL BALANCING VALVE
○	GAS COCK
→	SHUTOFF VALVE IN DROP
	UNION
○	CHECK VALVE
○	TYPICAL FINISHED GRADE CLEANOUT
○	PRESSURE REDUCING VALVE
○	THERMOMETER WITH WELL
○	PRESSURE GAUGE AND COCK
○	HOSE BIBB
○	WALL CLEANOUT
○	BACKFLOW PREVENTER
○	FLOOR DRAIN
○	HOT WATER
○	COLD WATER
○	WASTE
○	VENT
○	ABOVE CEILING
○	BELOW SLAB
○	BELOW FLOOR
○	ABOVE FINISHED GRADE
○	BELOW FINISHED GRADE
○	IN WALL
○	DOWN
○	FINISH FLOOR CLEANOUT
○	FINISH GRADE CLEANOUT
○	VENT THRU ROOF
○	ABOVE FINISHED FLOOR CLEANOUT
○	ROOF DRAIN
○	TRAP PRIMER BELOW SLAB/FLOOR
○	1 HOUR FIRE RATED PARTITION (VERIFY WITH ARCHITECTURAL DRAWINGS)

GENERAL PLUMBING NOTES:

- PROVIDE AND INSTALL ALL PLUMBING PIPING, FIXTURES, TRIM, AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM. CONTRACTOR SHALL VERIFY WITH ARCHITECT AND DRAWINGS, WHICH PLUMBING INSTALLATIONS ARE DESIGNATED FOR ADA ACCESSIBILITY. ALL SUCH FIXTURE INSTALLATIONS SHALL INCLUDE ALL INSTALLATION ACCESSORIES, MOUNTING HEIGHT, CONTROL OFFSET, SIZE AND ACCESSIBILITY AS REQUIRED BY LATEST EDITION OF AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL GOVERNING AUTHORITIES.
- ALL PLUMBING VENTS, WHERE NOTED VENT UP (V. UP), SHALL BE COMBINED WITHIN WALL OR ABOVE CEILING CONCEALED AREAS, WHERE FEASIBLE, SO AS TO MINIMIZE ROOF PENETRATIONS. CONTRACTOR SHALL COORDINATE LOCATION OF ROOF PLUMBING AND FLUE VENTS SUCH THAT ALL VENTS ARE MINIMUM 25 FEET FROM ANY VENTILATION INTAKE DEVICES. ALL ROOF PENETRATIONS, VENTS, FLUES, ETC., SHALL BE MADE ON BACK SIDE OF ROOF AS CAN BE COORDINATED WITH ARCHITECT. ALL FLUES AND VENTS EXPOSED ABOVE ROOF SHALL BE FIELD PAINTED COLOR BY ARCHITECT.
- ALL DRAINAGE, VENT AND WATER PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILINGS, EXCEPT AS OTHERWISE NOTED AND AT APPROPRIATE EQUIPMENT FINAL CONNECTIONS. HOLD ALL PIPING ABOVE CEILINGS AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER CRAFTS.
- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH STRUCTURAL MEMBERS, EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- VERIFY/COORDINATE PIPE SIZES AND CONNECTIONS WITH "PLUMBING FIXTURE ROUGH-IN SCHEDULE" FOR WASTE, VENT AND WATER PIPING ROUGH-IN SIZES NOT CLEARLY SHOWN ON PLANS OR IN RISER DIAGRAMS, ETC. CONTACT PROFESSIONAL SHOULD QUESTIONS OR CONFLICTS ARISE. PROVIDE AND INSTALL ROUGH-IN, FINAL CONNECTIONS AND INSTALLATION APPURTENANCES AS RECOMMENDED BY APPLIANCE AND/OR EQUIPMENT MANUFACTURER FOR DISHWASHERS, ICE MAKERS, AND MACHINES, WASHERS, DRYERS, ETC. VERIFY LOCATION ON ARCHITECTURAL DRAWINGS AND CONNECTION REQUIREMENTS FROM APPROVED BROCHURES OF THE EQUIPMENT AND/OR APPLIANCES MANUFACTURER.
- COORDINATE SLOPE OF ALL DRAINAGE AND VENT PIPING BELOW GRADE AT INVERT ELEVATIONS INDICATED. CONSISTENTLY SLOPE ALL OTHER PIPING, NOT INDICATED, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- ALL VERTICAL RISERS TO FLOOR DRAINS AND FLOOR MOUNTED SINKS SHALL BE MAXIMUM 18" LONG.
- ALL ABOVE GRADE HORIZONTAL DRAINAGE AND VENT PIPING ROUTING SHALL BE COORDINATED WITH OTHER CRAFTS AND STRUCTURAL/ARCHITECTURAL DRAWINGS. CONSISTENTLY SLOPE ALL PIPING, NOT INDICATED WITH ELEVATIONS, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- WHEN SLEEVES, PIPES, CONDUITS, ETC. PENETRATE GRADE BEAMS OR TIE BEAMS THE CONTRACTOR SHALL INCREASE THE DEPTH OF THE PENETRATED BEAM BY NO LESS THAN TWICE THE DIAMETER OF THE PENETRATION FOR A DISTANCE OF 4'-0" CENTERED ON THE PENETRATION. WHERE THE PENETRATION INTERRUPTS REINFORCING STEEL, AN EQUAL NUMBER OF LIKE SIZE REINFORCING BARS SHALL BE BENT UNDER THE PENETRATION AND LAP SPLICED 30 BAR DIAMETERS ON EACH SIDE. CONCRETE COVER REQUIREMENTS ON ALL SIDES SHALL BE THE SAME AS SHOWN FOR THE UN-MODIFIED GRADE BEAM OR TIE BEAM. SEE STRUCTURAL DRAWINGS FOR FURTHER SPECIFICS, ETC. PROVIDE NEW SCHEDULE 40 PVC PIPE SLEEVE A MIN. TWO SIZES LARGER THAN CARRIER PIPE AT ALL SUCH CROSSINGS, TO EXTEND MIN. 6" PAST FOUNDATION ON BOTH ENDS. PROVIDE OAKUM AND SEALANT IN ANNULAR SPACE OF SLEEVES AND WATER PROOF ON ALL BUILDING PERIMETER AND INTERIOR FOOTING AND GRADE BEAM APPLICATIONS.
- ALL CLEANOUTS IN SANITARY, STORM AND CONDENSATE DRAIN PIPING SHALL BE FULL PIPE SIZE UP TO 4" AND SHALL BE 4" SIZE ON 6" AND LARGER PIPING.
- ROUTE ALL HORIZONTAL INSULATED DOMESTIC WATER PIPING UNDER ATTIC INSULATION WHERE ATTIC INSULATION OCCURS.

MISCELLANEOUS POWER CONNECTIONS SCHEDULE

MARK	DESIGNATION	INTERACTION REQUIRED	POWER REQUIREMENTS	REMARKS
DIS.	DISPOSAL	ELECTRICAL	120v., 1ph. (3/4 HP)	IN-SINKERATER 3/4 HP (EVOLUTION COMPACT)

PLUMBING FIXTURE SCHEDULE

MARK	ADA REQ'D	DESCRIPTION	ROUGH-IN REQUIREMENTS					FLOOR M.TND. CARRIER REQ'D
			WASTE	VENT	120°F HW	CW	TEMPERED	
WC-1	YES	WATER CLOSET - FLOOR MOUNTED FLUSH VALVE	4"	2"-4"	-	1"	-	YES
L-1	YES	LAVATORY - OVAL COUNTER MOUNTED (UNDER-COUNTER)	2"	1-1/2"	1/2"	1/2"	-	NO
S-1	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (BREAK ROOM)	2"	1-1/2"	1/2"	1/2"	-	NO
S-2	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (EXAM HANDWASH)	2"	1-1/2"	1/2"	1/2"	-	NO
S-3	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (CLEAN UTILITY)	2"	1-1/2"	1/2"	1/2"	-	NO
S-4	NO	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, SELF-RIMMING (ANDROLOGY - LARGE)	2"	1-1/2"	1/2"	1/2"	-	NO
SS-1	NO	SERVICE SINK - FLOOR MOUNTED TERRAZZO CORNER TYPE	3"	1-1/2"	1/2"	1/2"	-	NO
SH-1	YES	SHOWER FITTINGS AND DRAIN	2"	1-1/2"	1/2"	1/2"	-	NO
EDF-1	YES	ELECTRIC DRINKING FOUNTAIN - WALL MOUNTED TYPE (DUAL HEIGHT)	2"	1-1/2"	-	1/2"	-	YES
HB-1	NO	HOSE BIBB - NON-FREEZE TYPE IN LOCKING BOX	-	-	-	3/4"	-	NO
TP-1	NO	TRAP PRIMER - CONNECT TO FLUSH VALVE ASSEMBLY	-	-	-	1/2"	-	NO
TG-1	NO	TRAP GUARD	-	-	-	-	-	NO
IMB	NO	ICE MAKER WITH TYPE "K" COPPER WATER LINE	-	-	-	1/2"	-	NO
DW	NO	DISHWASHER CONNECTIONS	1"	-	1/2"	-	-	NO
FD-1	NO	FLOOR DRAIN - GENERAL DRAINAGE IN TOILET, DIRTY LINEN, AND TRASH AREAS	3"	1-1/2"	-	-	-	NO
RD-1	NO	ROOF DRAIN (SEE PLAN FOR SIZE)	-	-	-	-	-	NO

CIRCULATING PUMP SCHEDULE

MARK	LOCATION	SYSTEM	CIRCULATING FLUIDS					ELECTRICAL DATA			BASIS OF DESIGN		
			FLUID	G.P.M.	PUMP HEAD FT. FLUID	TEMP. °F	SP. GR.	% EFF.	TYPE	NOM. HP.		SERVICE	R.P.M.
CP-01	WH-01	A	WATER	3	20	60-200	1	-	A	1/12	120V, 1ph	2650	BELL & GOSSETT MODEL PL-30B

[1] SYSTEM
A. DOMESTIC HOT WATER RECIRCULATING

[2] TYPE
A. INLINE - LOW LEAD BRONZE OR STAINLESS STEEL

COMPARABLE PRODUCTS:
BELL AND GOSSETT, PACO, TACO

DOMESTIC WATER HEATER SCHEDULE

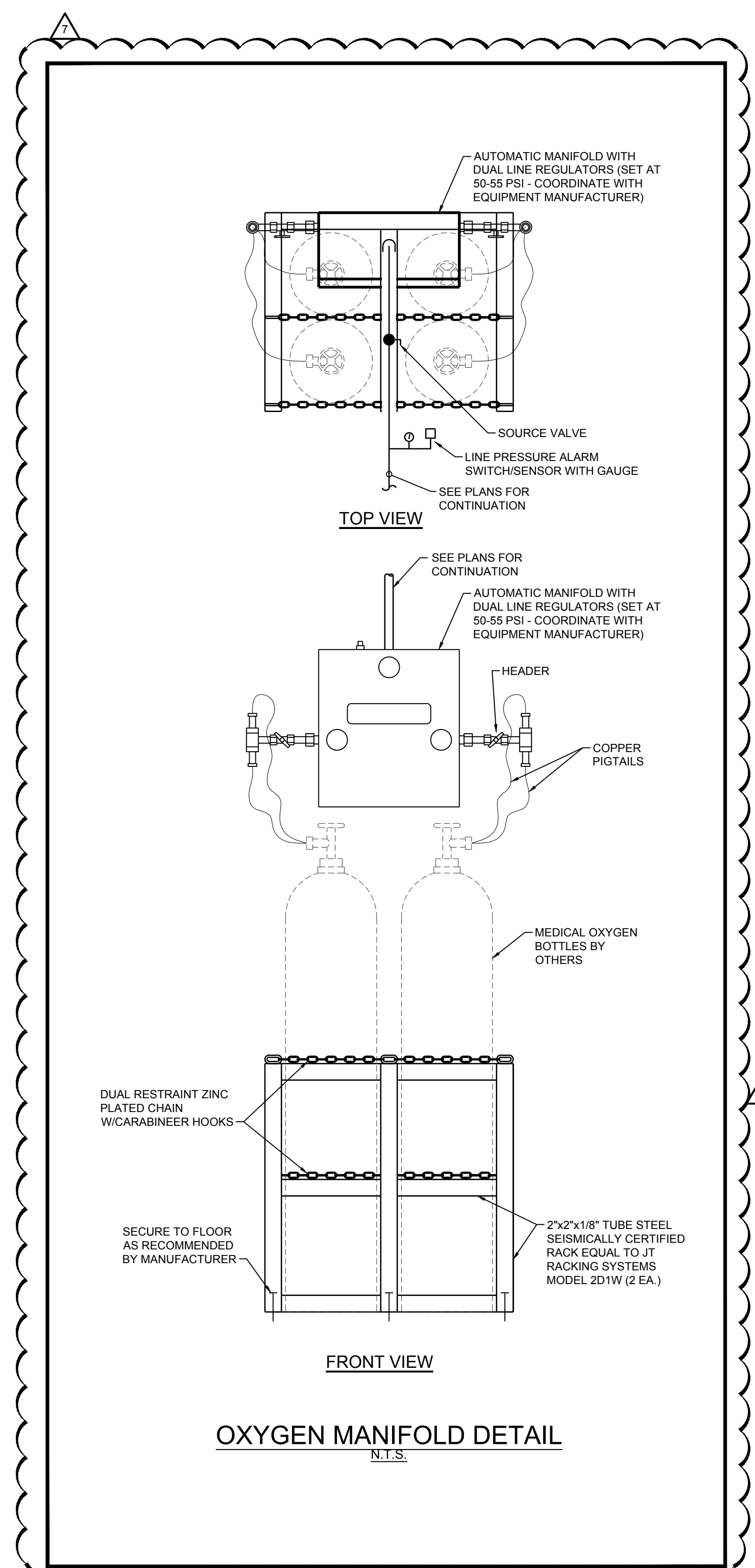
MARK	FUEL	STORAGE CAP., GAL.	RECOVERY G.P.H. AT 60°F RISE	INPUT MBHR	ELECTRICAL SERVICE	BASIS OF DESIGN	NOTES
WH-01	N. GAS	50	138	76	120V, 1ph	AOSMITH MODEL BTX-80	1, 2, 3, 4

NOTES:
1. PROVIDE PIPING, VALVES AND ACCESSORIES PER DETAILS.
2. PROVIDE RECIRCULATING PUMP AND PIPING PER DETAIL.
3. PROVIDE WITH MANUFACTURER'S CONCENTRIC VENT TERMINATION KIT.
4. PROVIDE WITH MANUFACTURER CONDENSATE NEUTRALIZATION KIT.

MOTOR STARTER SCHEDULE

SERVING	HP OF EACH LOAD	ELECTRICAL CHARACTERISTICS	BASIS OF DESIGN	NOTES [1]
CP-01	1/12	120V, 1ph	FRANKLIN CONTROLS MODEL BAS-1P	1, 2, 3

[1] NOTES
1. COORDINATE CONTROL CONTACTOR REQUIREMENTS WITH ENERGY MANAGEMENT SYSTEM (EMS) TO ACHIEVE SPECIFIED SEQUENCE OF OPERATIONS.
2. MOUNT STARTER WITHIN 10' OF EQUIPMENT SERVED. COORDINATE IN FIELD SPECIFIC LOCATION.
3. COMBINATION MOTOR STARTER/DISCONNECT.



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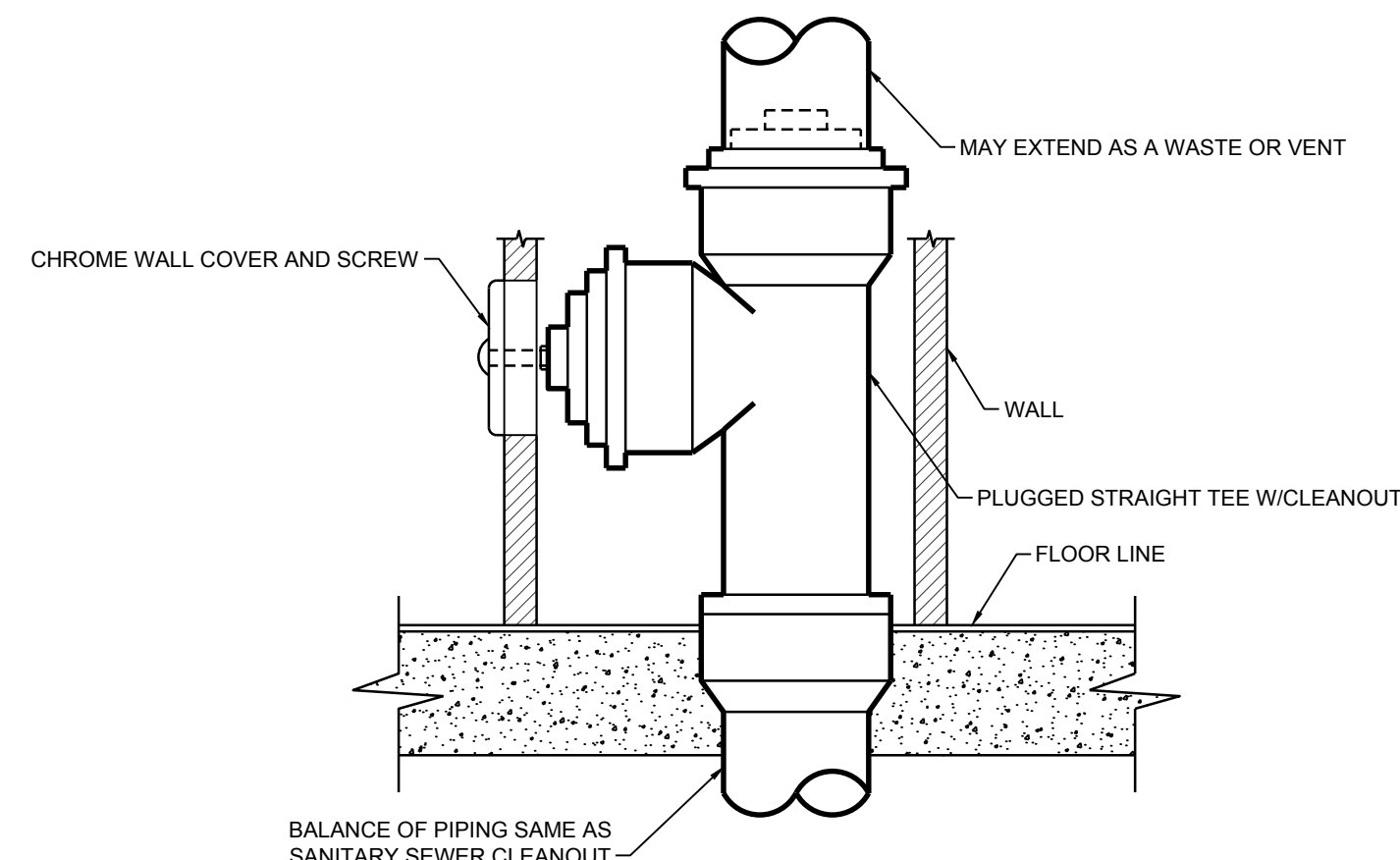
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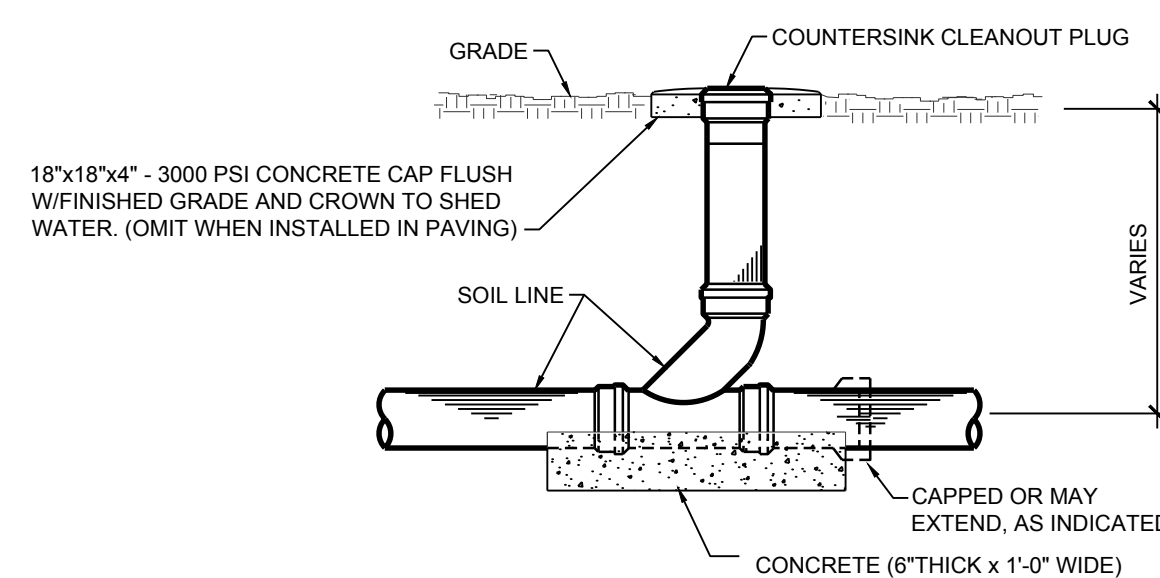
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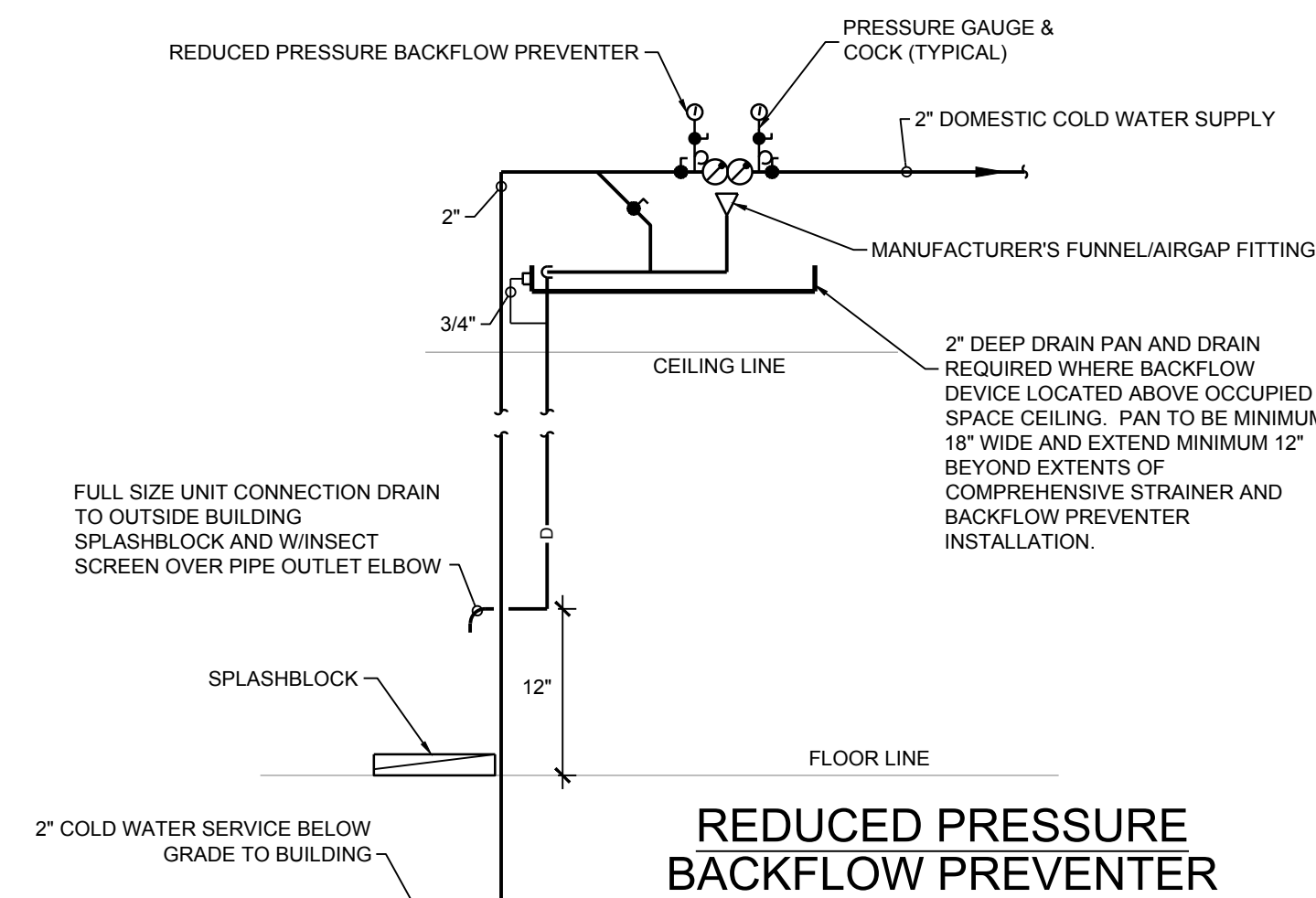


WALL CLEANOUT DETAIL
N.T.S.

NOTE:
EXAMPLE SHOWN IS CAST IRON; PVC/DWV EXAMPLE SIMILAR.

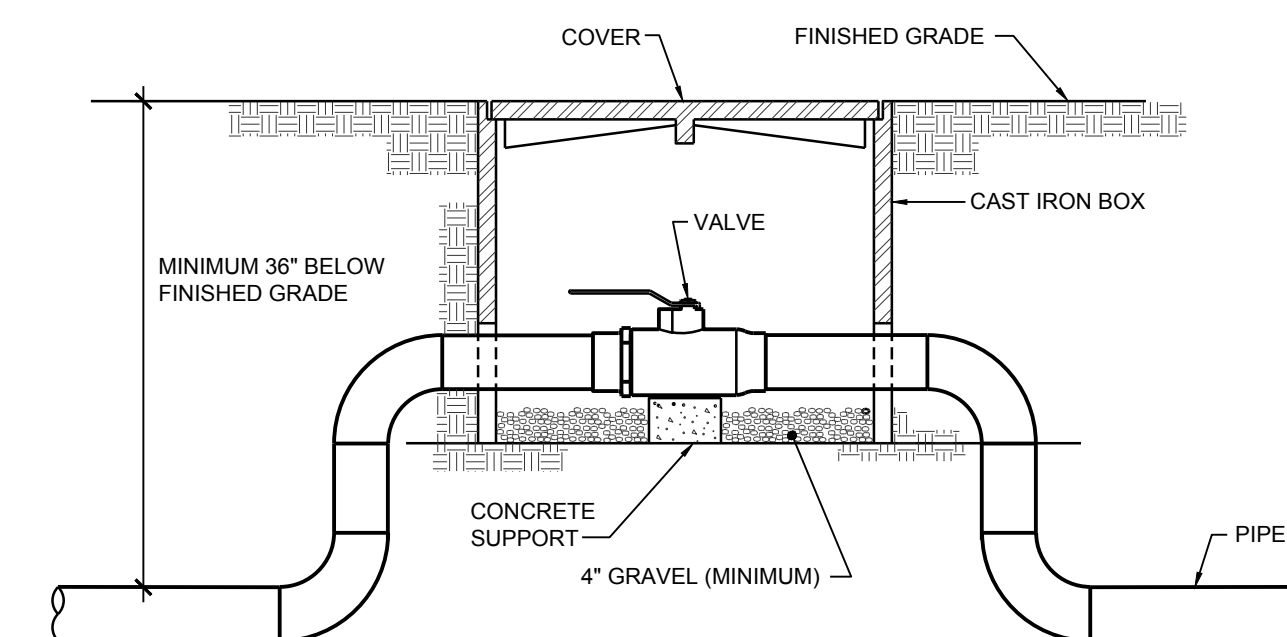


ONE-WAY FLUSH GRADE CLEANOUT DETAIL
N.T.S.

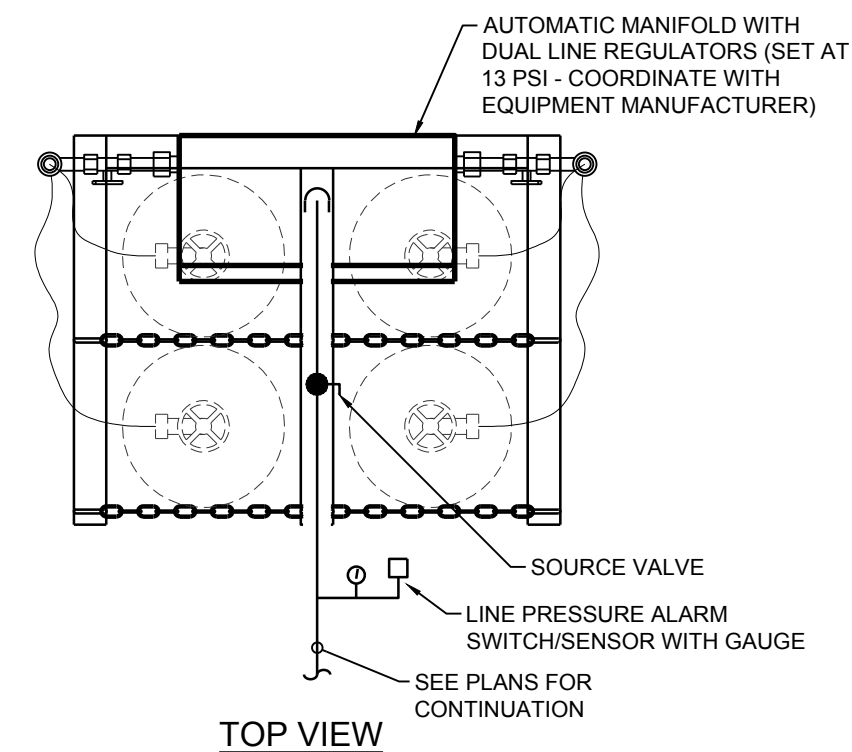


REDUCED PRESSURE BACKFLOW PREVENTER
N.T.S.

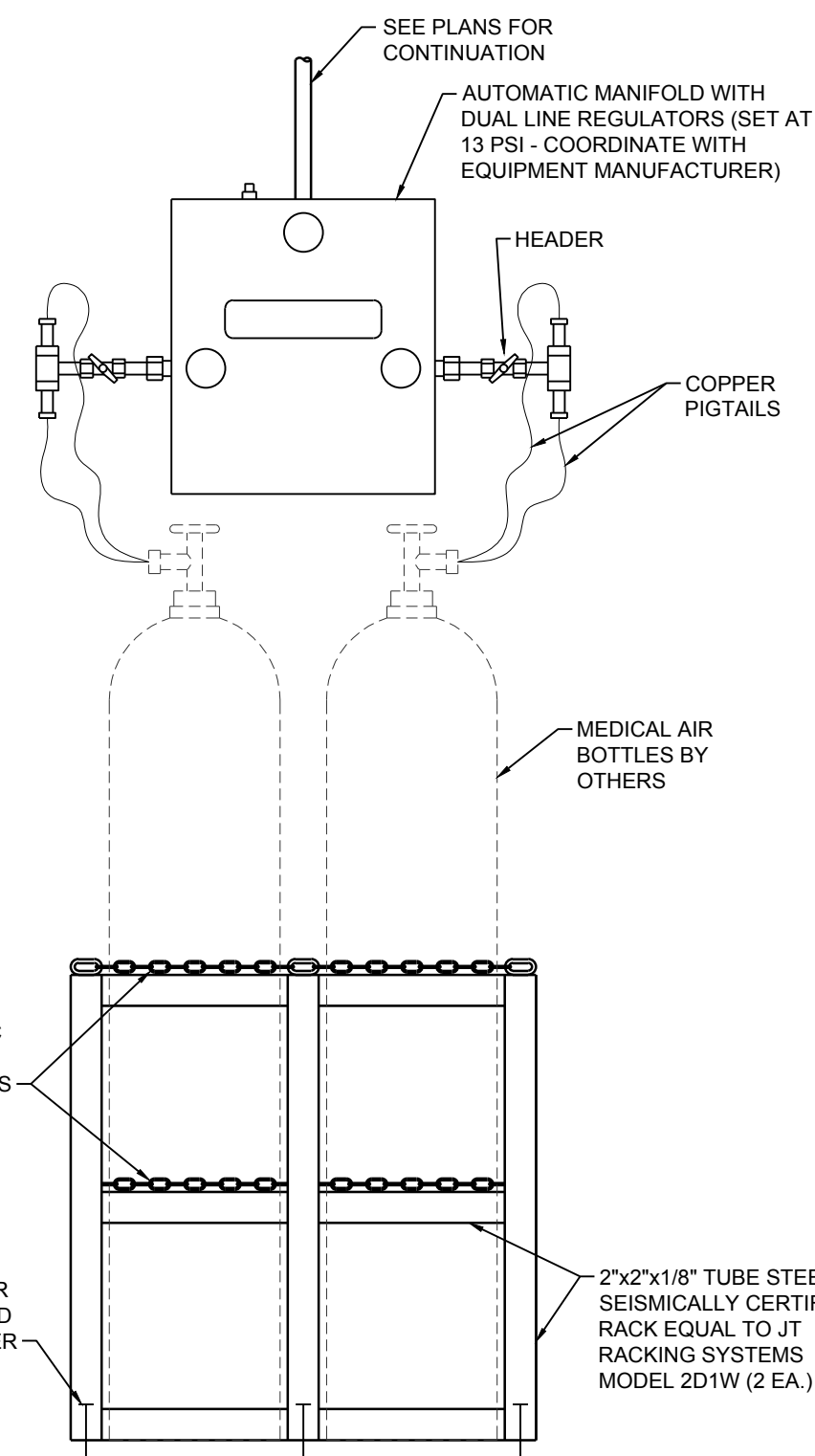
NOTE:
INSULATED WATER PIPING AND DRAIN PIPING CONCEALED IN WALL.



TYPICAL VALVE BOX DETAIL
N.T.S.

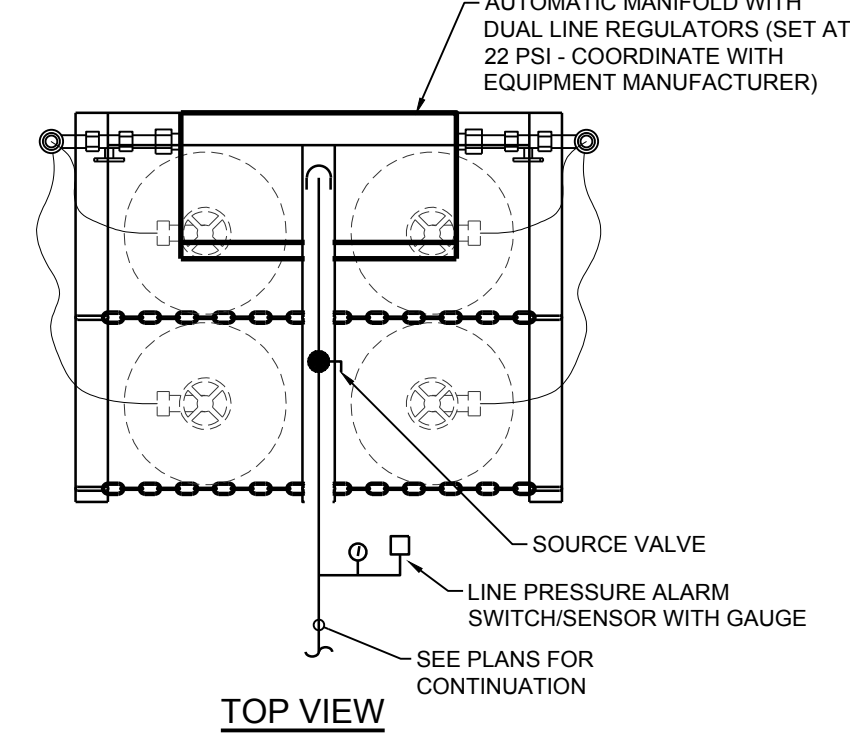


TOP VIEW

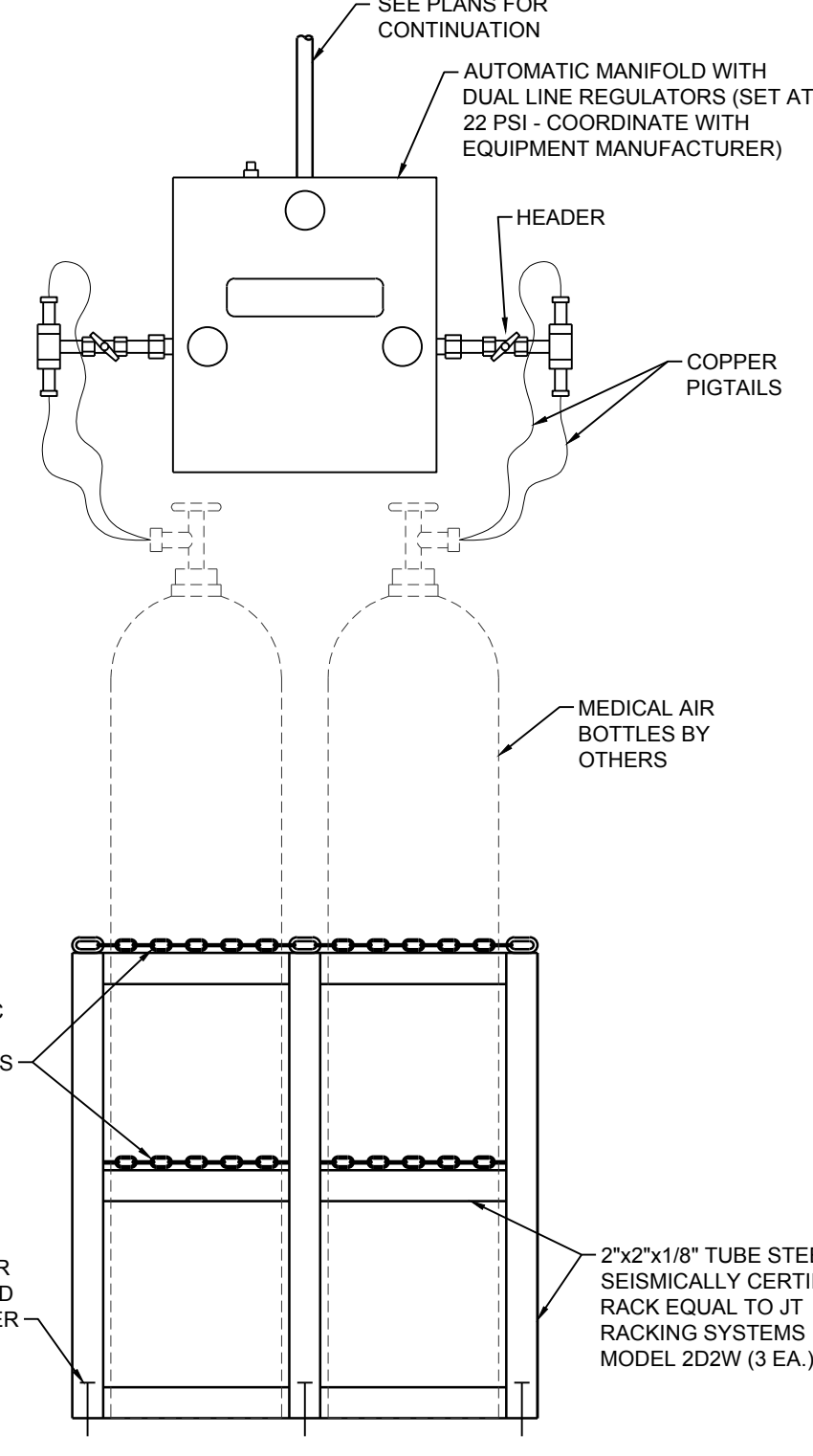


FRONT VIEW

CARBON DIOXIDE MANIFOLD DETAIL
N.T.S.

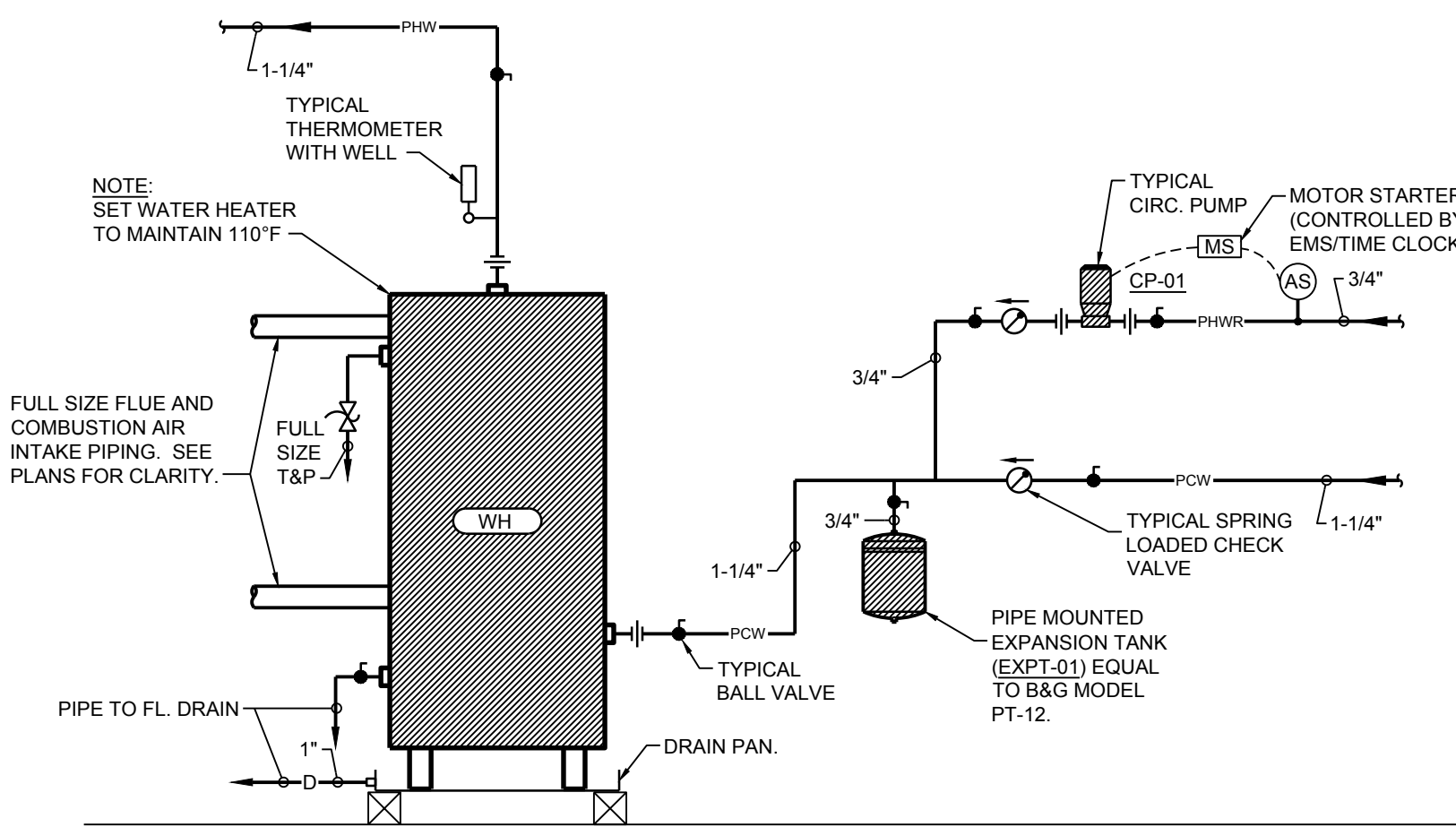


TOP VIEW

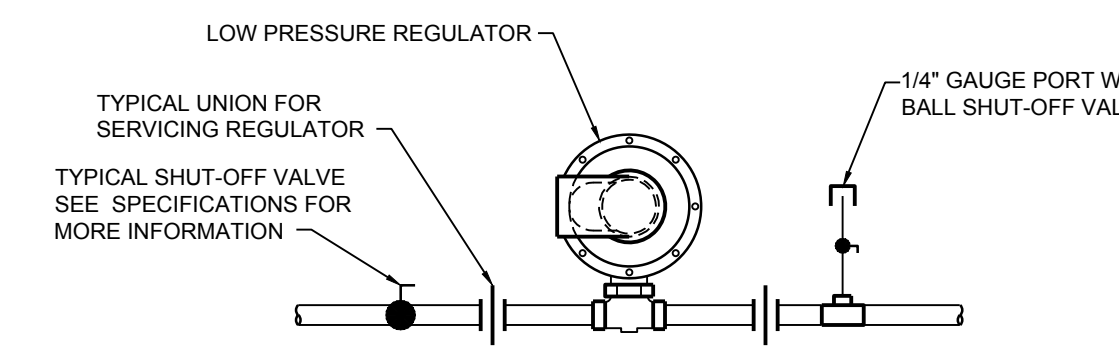


FRONT VIEW

MIXED GAS MANIFOLD DETAIL (89% NIT, 6% CO2, 5% OXY)
N.T.S.

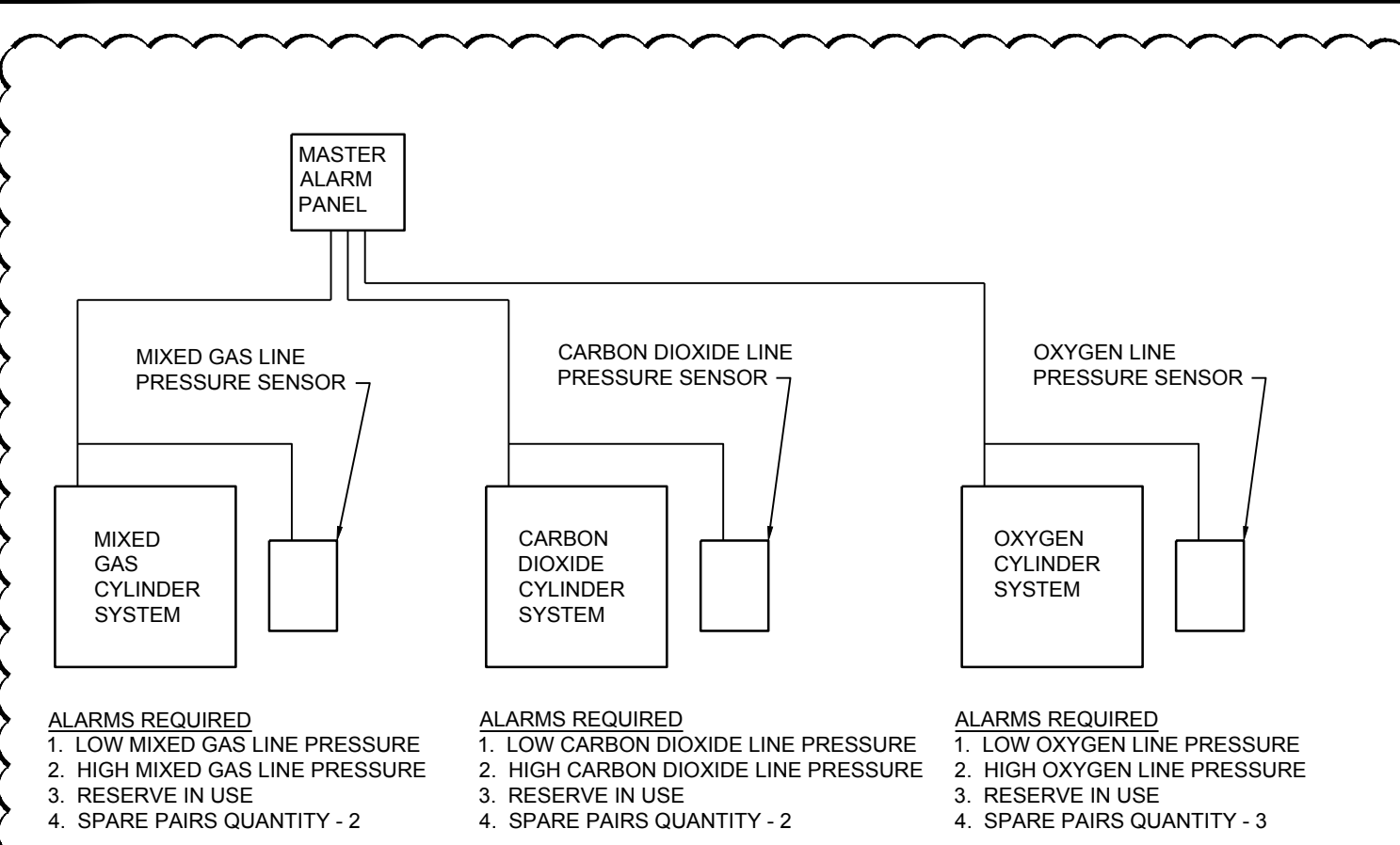


WATER HEATER (WH-01) DETAIL
N.T.S.



GAS REGULATOR DETAIL
N.T.S.

NOTES:
1. PROVIDE VENT TO OUTDOORS FOR ALL REGULATORS LOCATED INSIDE BUILDING.
2. SEE PLANS FOR PIPE SIZES.
3. SEE REGULATOR SCHEDULE FOR INLET PRESSURE, OUTLET PRESSURE AND MBH (CFH) REQUIREMENTS.



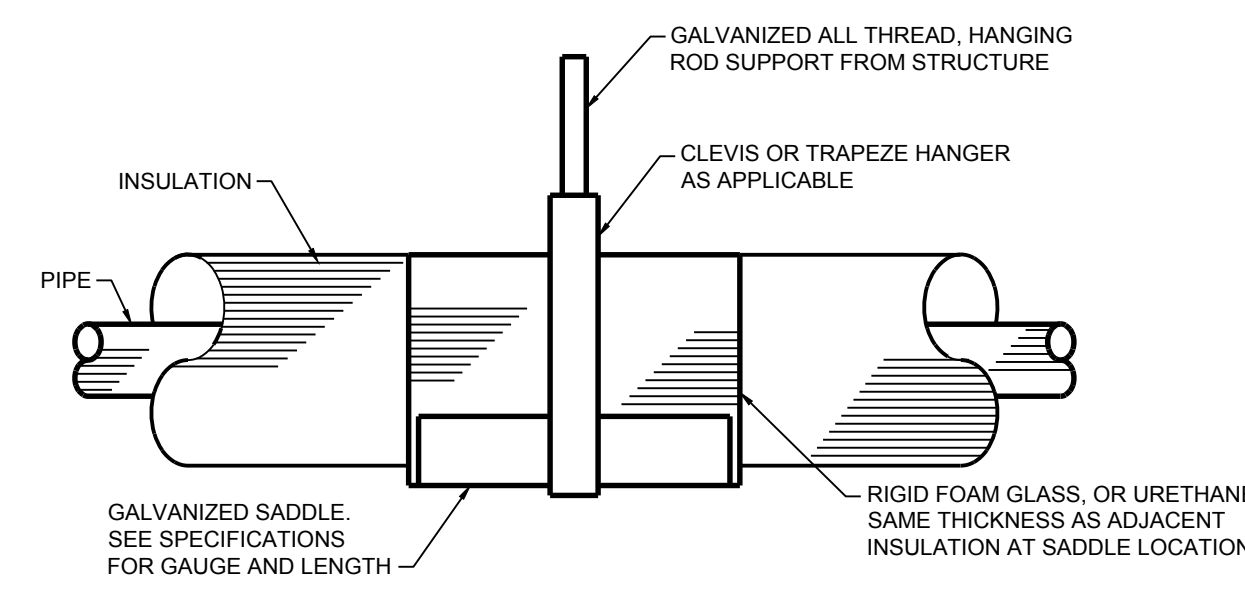
LABORATORY GAS ALARM WIRING SCHEMATIC
N.T.S.

ALARMS REQUIRED
1. LOW MIXED GAS LINE PRESSURE
2. HIGH MIXED GAS LINE PRESSURE
3. RESERVE IN USE
4. SPARE PAIRS QUANTITY - 2

ALARMS REQUIRED
1. LOW CARBON DIOXIDE LINE PRESSURE
2. HIGH CARBON DIOXIDE LINE PRESSURE
3. RESERVE IN USE
4. SPARE PAIRS QUANTITY - 2

ALARMS REQUIRED
1. LOW OXYGEN LINE PRESSURE
2. HIGH OXYGEN LINE PRESSURE
3. RESERVE IN USE
4. SPARE PAIRS QUANTITY - 3

NOTES:
1. EACH LINE REPRESENTS CONDUIT/WIRE FROM EQUIPMENT TO MEDICAL GAS ALARM PANEL.
2. EACH MASTER ALARM PANEL SHALL BE WIRED INDIVIDUALLY BACK TO SOURCE EQUIPMENT AS SHOWN.
3. EACH INDIVIDUAL ALARM REQUIRES ONE PAIR OF WIRES EACH.
4. SPARES LISTED UNDER ALARMS INDICATES QUANTITY OF EXTRA PAIRS OF WIRES TO BE INSTALLED FOR FUTURE.
5. ALL WIRING SHALL BE 18 GA. INDIVIDUALLY SHIELDED PAIRS WHICH ARE ALSO SHIELDED ON OVERALL BUNDLE OF PAIRS.
6. ALL WIRING SHALL BE ROUTED IN CONDUIT PER DIV. 26 REQUIREMENTS.



HORIZONTAL PIPE INSULATION AND HANGING DETAIL
N.T.S.

NOTE: UNINSULATED GAS PIPING SIMILAR



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SPECIFIC HVAC NOTES

- CONTRACTOR SHALL EXTEND SUPPLY AIR TRUNK DUCT MINIMUM 24" BEYOND LAST BRANCH DUCT TAKEOFF.
- INLINE FAN MOUNTED ABOVE CEILING. SEE DETAIL FOR CLARITY.
- CEILING MOUNTED EXHAUST FAN. SEE DETAIL FOR CLARITY.
- TYPICAL DUCTWORK ROUTED UP/DOWN TO FLOOR ABOVE/BELOW. SIZE AS INDICATED ON PLANS. PROVIDE BOXOUTS IN FLOOR SLABS OF ADEQUATE SIZE TO ACCOMMODATE DUCTWORK INSULATION REQUIREMENTS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR.
- EXHAUST AIR DUCT ROUTED UP THROUGH ROOF TO RELIEF CAP. SEE SCHEDULE AND DETAIL FOR MORE INFORMATION.
- TYPICAL OUTSIDE AIR INTAKE DUCT ROUTED FROM ROOF INTAKE HOOD TO HVAC EQUIPMENT AS INDICATED.
- TWO (2) EACH VENTILATION LOUVERS (SIZE AS INDICATED) EQUAL TO GREENHECK MODEL ESD-403 WITH FULL SIZE SLEEVE THRU WALL. PROVIDE WITH SCREEN AND KYNAR FINISH. MOUNT ONE LOUVER WITH BOTTOM AT ±12" A.F.F. AND ONE WITH BOTTOM OF LOUVER AT ±8'-0" A.F.F. VERIFY COLOR AND LOCATION WITH ARCHITECT.
- ROLL DUCTWORK UP/DOWN UTILIZING MAXIMUM 45 DEGREE ELBOWS AS REQUIRED TO AVOID CONFLICT.

SPECIFIC HVAC NOTES

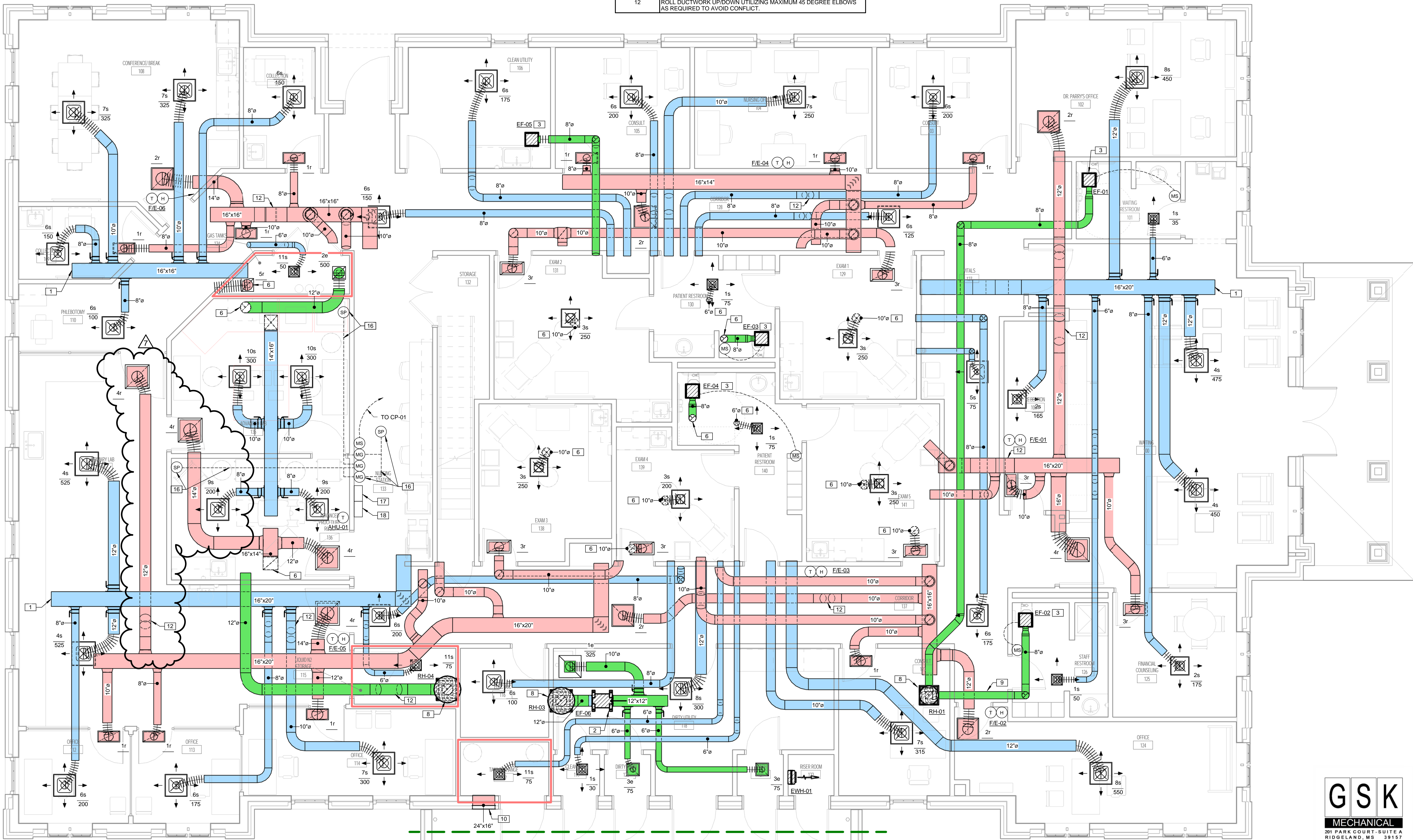
- INSTALL MAGNEHELIC GAUGES (0-0.25"W.C.) AS INDICATED ON WALL IN CORRIDOR. INSTALL IN DOOR OF CONTROL PANEL ENCLOSURE FOR NEAT APPEARANCE AND TO ALLOW ACCESS TO SAMPLING TUBE CONNECTIONS. THREE (3) REQUIRED. COORDINATE LOCATION WITH OTHER WALL INSTALLATION THIS AREA. ADVANCED LAB 135 IS POSITIVE WITH RESPECT TO ALL ADJACENT ROOMS. ADVANCED PROCEDURE IS NEGATIVE WITH RESPECT TO ADVANCED LAB BUT POSITIVE WITH RESPECT TO CORRIDOR. INSTALL SAMPLING PORTS IN CEILING AND CONNECT TO BOTH HIGH AND LOW PRESSURE PORTS WITH INTERCONNECTING TUBING. CONCEAL TUBING IN WALL AT MAGNEHELIC GAUGES.
- INSTALL HVAC ALARM ANNUNCIATION PANEL/LIGHT FOR AHU-01 ON WALL. COORDINATE LOCATION WITH OTHER WALL INSTALLATION THIS AREA.
- INSTALL FILTER HOUSING UV LAMP ALARM/MONITORING PANEL ON WALL. COORDINATE LOCATION WITH OTHER WALL INSTALLATION THIS AREA.

CODE REVIEW

DESIGN CODE	2012 INTERNATIONAL CODE COUNCIL (ICC)
VENTILATION CODE	ASHRAE STANDARD 62 AND 170 - 2013 EDITION
FIRE SPRINKLER	NFPA 13 - 2013

DRAWING INDEX - HVAC

Sheet Number	Sheet Name
M1.0	FIRST LEVEL HVAC PLAN
M1.1	MEZZANINE LEVEL HVAC PLAN
M2.0	MECHANICAL ISOMETRIC AND SECTIONS
M3.0	MECHANICAL SCHEDULES
M4.0	MECHANICAL NOTES, LEGEND, AND DETAILS
M4.1	MECHANICAL DETAILS



FIRST LEVEL HVAC PLAN
M1.0 1/4" = 1'-0"



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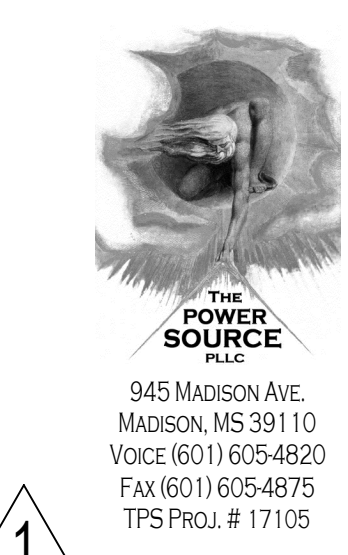
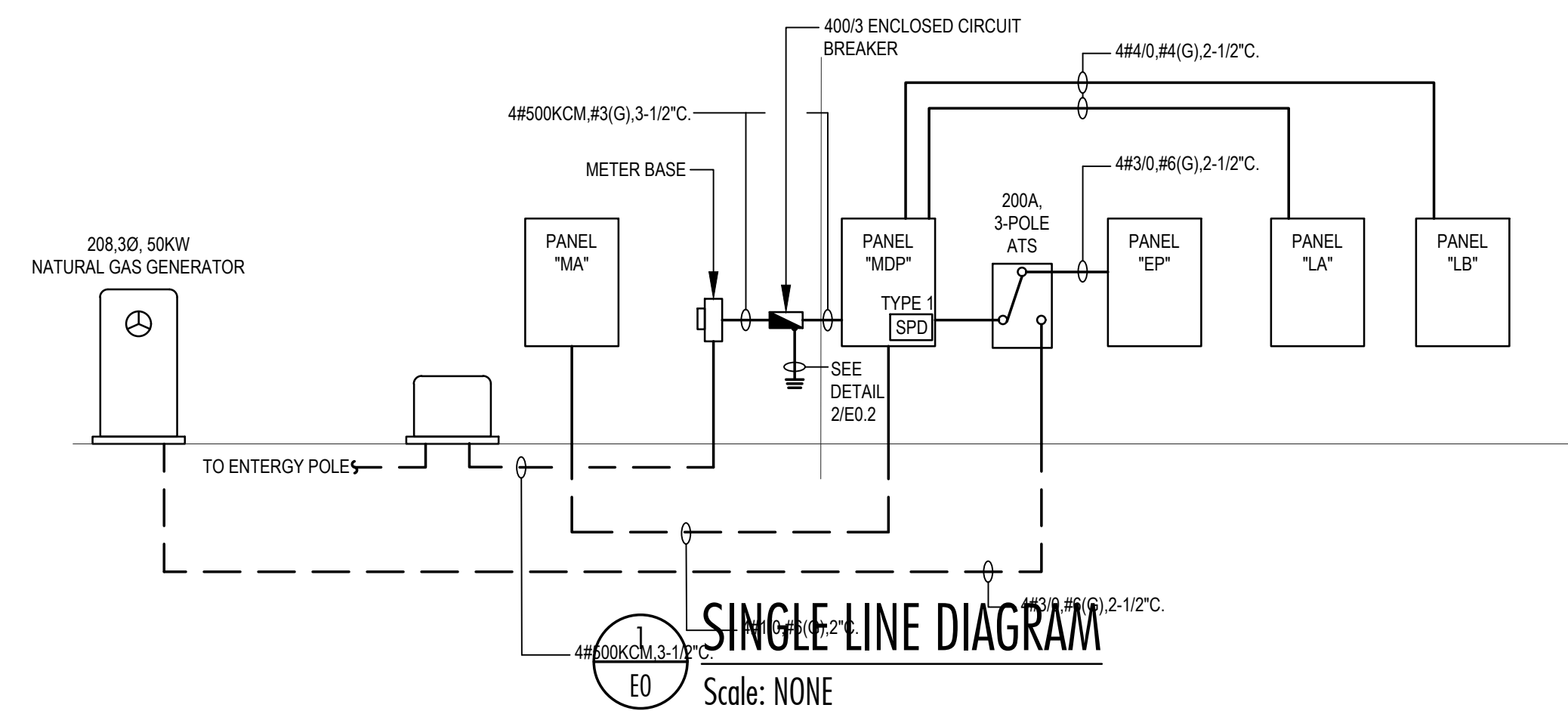
M1.0
FIRST LEVEL HVAC PLAN

ELECTRICAL LEGEND

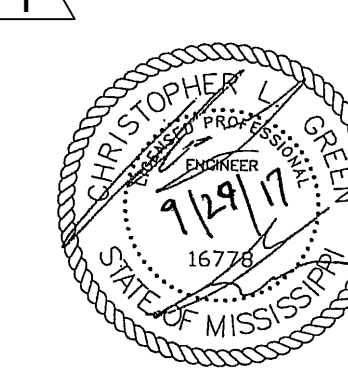
GENERAL NOTES	SWITCHES	CONDUIT AND WIRING																											
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.</p> <p>4. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION.</p> <p>5. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.</p> <p>6. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD.</p> <p>7. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT.</p> <p>8. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p>	<p>§ SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>2P§ DOUBLE-POLE, SINGLE-THROW, 30 AMP SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>3§ THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>3b LED / FLUORESCENT THREE WAY DIMMER. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>d LED / FLUORESCENT DIMMER. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>2k 2000 WATT INCANDESCENT DIMMER. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>M§ AUTOMATIC WALL SWITCH. SENSOR SWITCH #WSD-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>Mb AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. LUTRON #MS-Z101 OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>MDR PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSOR SWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>PP POWER PACK MOUNTED ABOVE CEILING. SENSOR SWITCH #PP20 OR APPROVED EQUAL.</p>	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TIC SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p> <p>PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.</p> <p>LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.</p>																											
<p>LUMINAIRES (See Light Fixture Schedule)</p> <p>NOTE: THE NUMBER INSIDE THE CIRCLE IS THE LIGHT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.</p> <p>2'X2' RECESSED FIXTURE.</p> <p>2'X4' RECESSED FIXTURE.</p> <p>1'X4' RECESSED FIXTURE.</p> <p>2'X2' RECESSED EMERGENCY FIXTURE.</p> <p>2'X4' RECESSED EMERGENCY FIXTURE.</p> <p>1'X4' RECESSED EMERGENCY FIXTURE.</p> <p>2'X2' RECESSED FIXTURE WITH EMERGENCY AND NORMAL CIRCUITRY.</p> <p>2'X4' RECESSED FIXTURE WITH EMERGENCY AND NORMAL CIRCUITRY.</p> <p>SURFACE MOUNTED OR SUSPENDED FIXTURE.</p> <p>SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.</p> <p>RECESSED CEILING FIXTURE.</p> <p>RECESSED EMERGENCY CEILING FIXTURE.</p> <p>PENDANT MOUNT FIXTURE.</p> <p>CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>EXIT SIGN WITH EMERGENCY LIGHTING.</p> <p>WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>EMERGENCY LIGHTING.</p> <p>WALL MOUNTED FIXTURE.</p> <p>WALL MOUNTED LINEAR FIXTURE.</p> <p>WALL MOUNTED EMERGENCY LINEAR FIXTURE.</p> <p>SITE ARM MOUNT POLE LIGHT FIXTURE.</p> <p>SITE POLE TOP LIGHT FIXTURE.</p> <p>SURFACE MOUNTED TRACK AND TRACK LIGHTING FIXTURE.</p> <p>CEILING FAN.</p> <p>WALLWASH OR SPOT LIGHT FIXTURE.</p> <p>IN-GRADE MOUNTED FIXTURE.</p>	<p>FIRE ALARM SYSTEM</p> <p>MF MANUAL PULL STATION. MOUNT 48"A.F.F. TO CENTERLINE OF BOX.</p> <p>SD SMOKE DETECTOR.</p> <p>TD THERMAL DETECTOR.</p> <p>DS DUCT SMOKE DETECTOR IN RETURN DUCT.</p> <p>DS DUCT SMOKE DETECTOR IN SUPPLY DUCT.</p> <p>FACB FIRE ALARM CONTROL PANEL.</p> <p>FAPB FIRE ALARM ANNUNCIATOR PANEL.</p> <p>FS FLOW SWITCH.</p> <p>TS TAMPER SWITCH.</p> <p>FAH FIRE ALARM HORN AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p> <p>FAS FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p>	<p>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>< 90'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 145'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 230'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 200'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 325'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 525'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</p> <p>1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.</p> <p>2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.</p> <p>3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.</p>	Voltage	Circuit Length	Conductor Size (AWG)	120	< 90'	#12	120	> 90'	#10	120	> 145'	#8	120	> 230'	#6	277	< 200'	#12	277	> 200'	#10	277	> 325'	#8	277	> 525'	#6
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<p>MISCELLANEOUS</p> <p>CONTACTOR.</p> <p>PHOTOCELL.</p> <p>CEILING MOUNTED JUNCTION BOX.</p> <p>WALL MOUNTED JUNCTION BOX.</p> <p>FLEXIBLE CONNECTION TO EQUIPMENT.</p>	<p>RECEPTACLES</p> <p>DUPLICATE RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DOUBLE DUPLICATE RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DOUBLE DUPLICATE RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPASH, AND 6" ABOVE COUNTER WITHOUT BACKSPASH, WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.</p> <p>DUPLICATE RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPASH, AND 6" ABOVE COUNTER WITHOUT BACKSPASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.</p> <p>DUPLICATE RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. PROVIDE PROPER EQUIPMENT FOR CONNECTION TYPE REQUIRED.</p> <p>SINGLE RECEPTACLE, NEMA 14-50R. PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED. MOUNTING DETERMINED BY NEC FOR TYPE OF EQUIPMENT BEING CONNECTED.</p> <p>SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DUPLICATE RECEPTACLE, NEMA 5-20R, MOUNTED FLUSH IN THE CEILING UNLESS NOTED OTHERWISE.</p>	<p>COMMUNICATIONS</p> <p>COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPASH, AND 6" ABOVE COUNTER WITHOUT BACKSPASH.</p> <p>TELEPHONE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>TELEPHONE OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPASH, AND 6" ABOVE COUNTER WITHOUT BACKSPASH.</p> <p>DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPASH, AND 6" ABOVE COUNTER WITHOUT BACKSPASH.</p> <p>COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.</p> <p>DUPLICATE RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.</p> <p>DOUBLE DUPLICATE RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.</p> <p>TELEVISION CABLE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>HDMI CONNECTION. PROVIDE A SINGLE GANG BOX WITH A 1" C. STUBBED ABOVE ACCESSIBLE CEILING.</p>																											
<p>CCTV SYSTEM</p> <p>CEILING MOUNTED CAMERA.</p> <p>WALL MOUNTED CAMERA.</p> <p>INSIDE CORNER MOUNTED CAMERA.</p> <p>OUTSIDE CORNER MOUNTED CAMERA.</p> <p>WALL MOUNTED MONITOR.</p> <p>DESK MOUNTED MONITOR.</p>	<p>GEAR</p> <p>FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES).</p> <p>NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.</p> <p>PANELBOARD.</p> <p>LOCAL DISCONNECT PROVIDED WITH EQUIPMENT.</p> <p>LOCAL DISCONNECT PROVIDED WITH EQUIPMENT.</p>																												

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	2BLT2-40L-ADSM-MVOLT-EZ1 LP840-DGA22	LED, 39W 4,209 LUMENS	RECESSED	WITH DRYWALL GRID ADAPTER
AE	LITHONIA	2BLT2-40L-ADSM-MVOLT-EZ1 LP840-EL14L-DGA22	LED, 39W 4,209 LUMENS	RECESSED	WITH DRYWALL GRID ADAPTER AND 120V EMERGENCY BATTERY PACK.
B	LITHONIA	ZL1N-L48-SMR-3000LM-FST MVOLT-40K-80CRI-WH	LED, 25W 3,243 LUMENS	SURFACE	
BE	LITHONIA	ZL1N-L48-SMR-3000LM-FST MVOLT-40K-80CRI-E7W-WH	LED, 25W 3,243 LUMENS	SURFACE	WITH 120V EMERGENCY BATTERY PACK.
C	BROWN LEE	5176-24-BN-H16-LED-40K	LED - 16W 2076 LUMENS	SURFACE	
D	ORACLE LIGHTING	EU-LED-34-1300L-DIMTR-40K-WH	LED, 14W 1,300 LUMENS	UNDER CABINET	
EM	LITHONIA	ELMLT-W-LP06VS-LTP	LED	WALL	
EMX	COOPER	CC8-MRT	(2) 12W MR16	WALL	
F	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10	LED, 12.75W 1,082 LUMENS	RECESSED	
G	LITHONIA	WL4-40L-EZ1-LP840-MSD7-EL14L	LED, 39.5W 4,124 LUMENS	WALL	WITH 120V EMERGENCY BATTERY PACK.
H1	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10	LED - 20.5W 1,606 LUMENS	RECESSED	
H1E	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10-EL	LED - 20.5W 1,606 LUMENS	RECESSED	WITH 120V EMERGENCY BATTERY PACK.
H2	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10-WL	LED - 20.5W 1,606 LUMENS	RECESSED	
J	KENALL	CSEFL14-45L40K-DCC-DV-PAF 2H-SYM	LED, 45W 5,230 LUMENS	RECESSED	
JE	KENALL	CSEFL14-45L40K-DCC-DV-PAF 2H-SYM-LEL	LED, 45W 5,230 LUMENS	RECESSED	
K	JUNO	ULH322-**	(3) 20W, HALOGEN	UNDER CABINET	** COLOR BY ARCHITECT
L	LITHONIA	VL4-48L-ADP-EZ1-LP840-DGA22	LED, 47W 4,641 LUMENS	RECESSED	1'X4' RECESSED FIXTURE WITH FLANGE KIT.
LE	LITHONIA	VL4-48L-ADP-EZ1-LP840-DGA14-EL14	LED - 47W 4,641 LUMENS	RECESSED	1'X4' RECESSED FIXTURE WITH FLANGE KIT. WITH 120V EMERGENCY BATTERY PACK.
M	LITHONIA	LDN6-40/20-L06AR-LSS-MVOLT-EZ10	LED - 35W 2,143 LUMENS	RECESSED	
ME	LITHONIA	LDN6-40/20-L06AR-LSS-MVOLT-EZ10	LED - 35W 2,143 LUMENS	RECESSED	WITH EMERGENCY BATTERY PACK.
N	LITHONIA	ZL1N-L24-SMR-2500LM-FST MVOLT-40K-80CRI-WH	LED, 19W 2,315 LUMENS	SURFACE	
P	RIG-A-LITE	XP-50L-4-2L-U-50	LED - 46W 4,124 LUMENS	SURFACE	
Q	GOTHAM	APR-PAR30-6AR-CGL-SDT	(1) 15W, PAR30	RECESSED	
SA	LITHONIA	DSX1-LED-80C-700-40K-14M-MVOLT-SPA-HS-DBLXD	LED, 131W 16,238 LUMENS	POLE	POLE: 3SS254G
SB	LITHONIA	LDN6-40/10-L06-AR-LS-MVOLT-EZ10-EL	LED, 12.75W 1,082 LUMENS	RECESSED	
SC	LITHONIA	WST LED-P2-40K-VW-MVOLT-E7WH	LED, 25W 3,512 LUMENS	WALL	
SD	FEISS	OL5411BK-LED	LED, 14W 1,000 LUMENS	PENDANT	
X	LITHONIA	LQM-S-W-3-R-120/277-EL N	LED	UNIVERSAL	WITH 120V EMERGENCY BATTERY PACK.
Y	CIRCA LIGHTING	TOB 5011AN-NP	LED - (2)15W 1,650 LUMENS	PENDANT	FINISH - AN LIGHT BULB PART NUMBER: L15A19D2541K
Z	TECH LIGHTING	L-W-S	LED - (2)9W 850 LUMENS	SEMI-RECESSED	LIGHT BULB PART NUMBER: L9A19D2541K
AA	CIRCA LIGHTING	BBL-2027BZ-L	LED - 9W 850 LUMENS	WALL	FINISH - PWT LIGHT BULB PART NUMBER: LED5E12B130K



WIER BOERNER ALLIN ARCHITECTURE
2727 OLD CANTON RD, SUITE 200
JACKSON, MISSISSIPPI 39216
P:601.321.9107 F:601.321.9108



FOUNTAINS DOCTOR'S OFFICE
GENERAL CONTRACTOR: PROBITY
FOUNTAINS BLVD.
MADISON, MS 39110

SEPTEMBER 29, 2017
CONSTRUCTION DOCUMENTS
WBA #: 2217

REVISIONS		
NO.	DESCRIPTION	DATE

▲ BULLETIN #2 01-02-18

E0.0
ELECTRICAL LEGEND

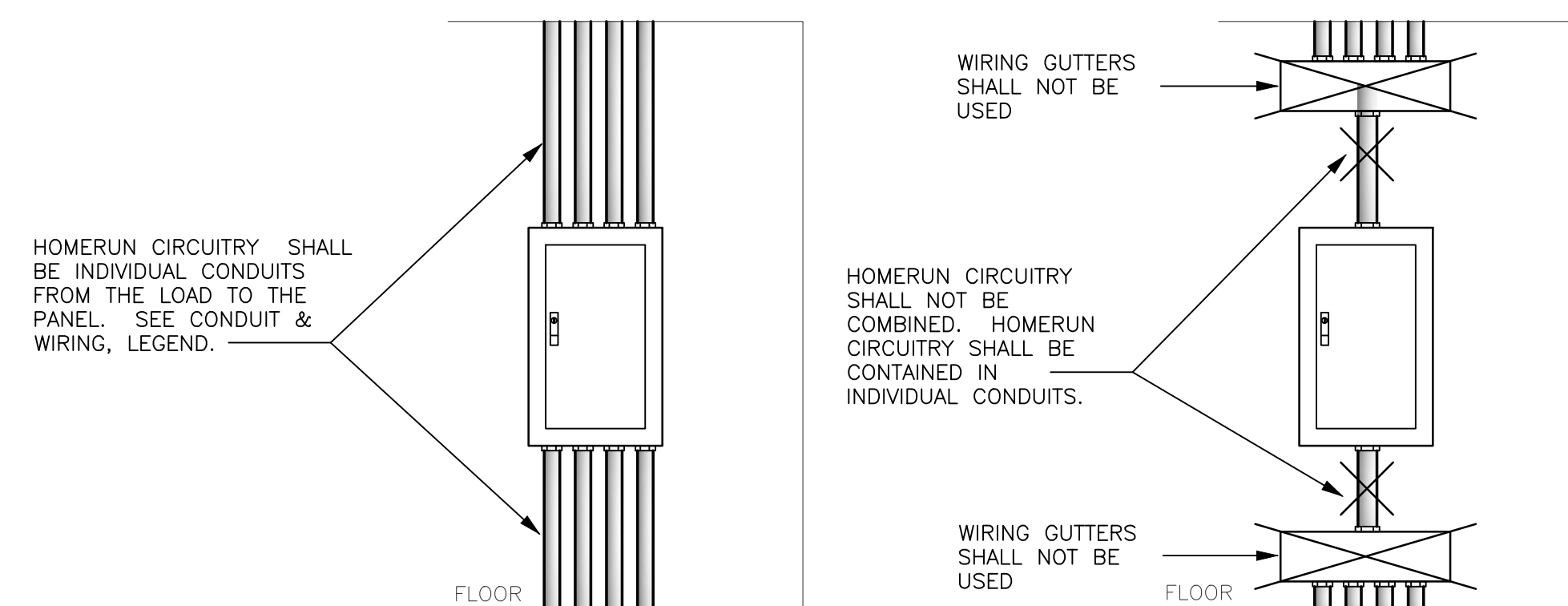
PANEL		LOCATION: ELECTRICAL ROOM 116		LUG LOCATION: BOTTOM FEED		UL LISTED FOR SERVICE ENTRANCE				
MDP		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: MAIN LUGS ONLY		SURFACE				
BUS: 400A						PANELBOARD AIC RATING (A): 22,000				
CIRCUIT NO.	BREAKER	AMPS	POLES	PHASE LOAD (KVA)			DESCRIPTION	BREAKER	POLES	CIRCUIT NO.
				A	B	C				
1	125	3		9.7	13.4		PANEL "MA"	225	3	2
3	-	-				9.5		-	-	4
5	-	-				15.9		-	-	6
7	200	3		17.0	8.5		PANEL "EP"	225	3	8
9	-	-				16.7		-	-	10
11	-	-				8.6		-	-	12
13	200	3						225	3	14
15	-	-		0.0	0.0		SPARE	-	-	16
17	-	-				0.0		-	-	18
TOTAL				48.5	50.8	45.1				

PANEL		LOCATION: ELECTRICAL ROOM 116		LUG LOCATION: BOTTOM FEED		NEMA 3R ENCLOSURE				
MA		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: MAIN LUGS ONLY		RECESSED				
BUS: 125A						PANELBOARD AIC RATING (A): 10,000				
CIRCUIT NO.	BREAKER	AMPS	POLES	PHASE LOAD (KVA)			DESCRIPTION	BREAKER	POLES	CIRCUIT NO.
				A	B	C				
1	50	2		2.7	2.7		CU-1	50	2	2
3	-	-				2.7		-	-	4
5	40	2		2.2	2.2		CU-2	40	2	6
7	-	-						-	-	8
9	50	2		2.7	1.5		CU-3	30	3	10
11	-	-				2.7		-	-	12
13	40	2		0.0	0.0		SPARE	50	2	14
15	-	-				0.0		-	-	16
17	50	2					SPARE	40	2	18
19	-	-		0.0	0.0		SPARE	-	-	20
21	30	2					SPARE	30	2	22
23	-	-				0.0		-	-	24
TOTAL				9.7	9.5	8.5				

PANEL		LOCATION: ELECTRICAL ROOM 116		LUG LOCATION: BOTTOM FEED		PANELBOARD AIC RATING (A): 10,000				
LA		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: MAIN LUGS ONLY		SURFACE				
BUS: 225A										
CIRCUIT NO.	BREAKER	AMPS	POLES	PHASE LOAD (KVA)			DESCRIPTION	BREAKER	POLES	CIRCUIT NO.
				A	B	C				
1	20	1		1.1	0.2		REC. (CONFERENCE/BREAK)	20	1	2
3	20	1				1.1	REC. (CONFERENCE/BREAK - REF.)	20	1	4
5	20	1				0.8	REC. (CONFERENCE/BREAK COLL., PHLEB.)	20	1	6
7	20	1		0.7	0.4		REC. - (NURSE STATION)	20	1	8
9	20	1				1.4	REC. - (NURSE STATION)	20	1	10
11	20	1					REC. - (NURSE STATION)	20	1	12
13	20	1		1.4	0.2		REC. - (NURSE STATION)	20	1	14
15	20	1				1.1	REC. - (NURSE STATION)	20	1	16
17	20	1					REC. - (EXAM 3)	20	1	18
19	20	1		0.5	0.7		REC. - (EXAM 4)	20	1	20
21	20	1				1.4	REC. - (PATIENT RR, PATIENT RR, CORR)	20	1	22
23	20	1				1.1	REC. - (EXAM 5)	20	1	24
25	20	1		1.1	0.2		REC. - (VITALS)	20	1	26
27	20	1				0.9	REC. - (VITALS)	20	1	28
29	*20	1					REC. - (VITALS)	20	1	30
31	*20	1		0.5	0.2		REC. - (VITALS)	20	1	32
33	20	1				0.9	REC. - (EXAM 1)	20	1	34
35	20	1				1.1	REC. - (EXAM 2)	20	1	36
37	20	1		1.0	0.4		REC. - (DATA)	20	1	38
39	20	1				0.7	REC. - (DATA)	20	1	40
41	20	1				0.7	REC. - (MECHANICAL MEZZANINE)	20	1	42
43	20	1		1.4	2.5		PROVISIONS FOR SPLIT SYSTEM	30	2	44
45	20	1				1.1		-	-	46
47	20	1					SPARE	20	1	48
49	20	1		0.7	0.2		REC. (COLLECTION CONF/BREAK CORR)	20	1	50
51	20	1				1.4	REC. (EXTERIOR POLE)	20	1	52
53	20	1				0.4	REC. (EXTERIOR POLE)	20	1	54
TOTAL				13.4	15.9	14.4				

PANEL		LOCATION: ELECTRICAL ROOM 116		LUG LOCATION: BOTTOM FEED		PANELBOARD AIC RATING (A): 10,000				
LB		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: MAIN LUGS ONLY		SURFACE				
BUS: 225A										
CIRCUIT NO.	BREAKER	AMPS	POLES	PHASE LOAD (KVA)			DESCRIPTION	BREAKER	POLES	CIRCUIT NO.
				A	B	C				
1	20	1		1.0	0.8		LTS. (PARKING LOT)	20	1	2
3	15	1			0.5	0.1	LTS. (EXTERIOR)	20	1	4
5	20	1				1.7	REC. (ADVANCED LAB)	20	1	6
7	15	1		0.7	0.4		REC. (ADVANCED LAB)	20	1	8
9	20	2				1.5	SPARE	20	1	10
11	-	-					SPARE	20	1	12
13	20	2		1.0	0.0		SPARE	20	1	14
15	-	-				1.0	SPARE	20	1	16
17	20	1					PROVISIONS FOR UV LIGHT ON AHU-01	20	1	18
19	30	1		1.9	0.0		SPARE	20	1	20
21	25	1				1.7	SPARE	20	1	22
23	30	1					SPARE	20	1	24
25	20	1		1.2	0.0		SPARE	20	1	26
27	30	1				1.9	SPARE	20	1	28
29	25	1					SPARE	20	1	30
31	20	1		1.0	0.0		SPARE	20	1	32
33	20	1				1.0	SPARE	20	1	34
35	20	1					SPARE	20	1	36
37	20	1		0.6	0.0		SPARE	20	1	38
39	20	1				1.0	SPARE	20	1	40
41	20	1					SPARE	20	1	42
43	20	1		0.0	0.0		SPARE	20	1	44
45	20	1				0.0	SPARE	20	1	46
47	20	1					SPARE	20	1	48
49	20	1		0.0	0.0		SPARE	20	1	50
51	20	1				0.0	SPARE	20	1	52
53	20	1					SPARE	20	1	54
TOTAL				8.5	8.6	9.1				

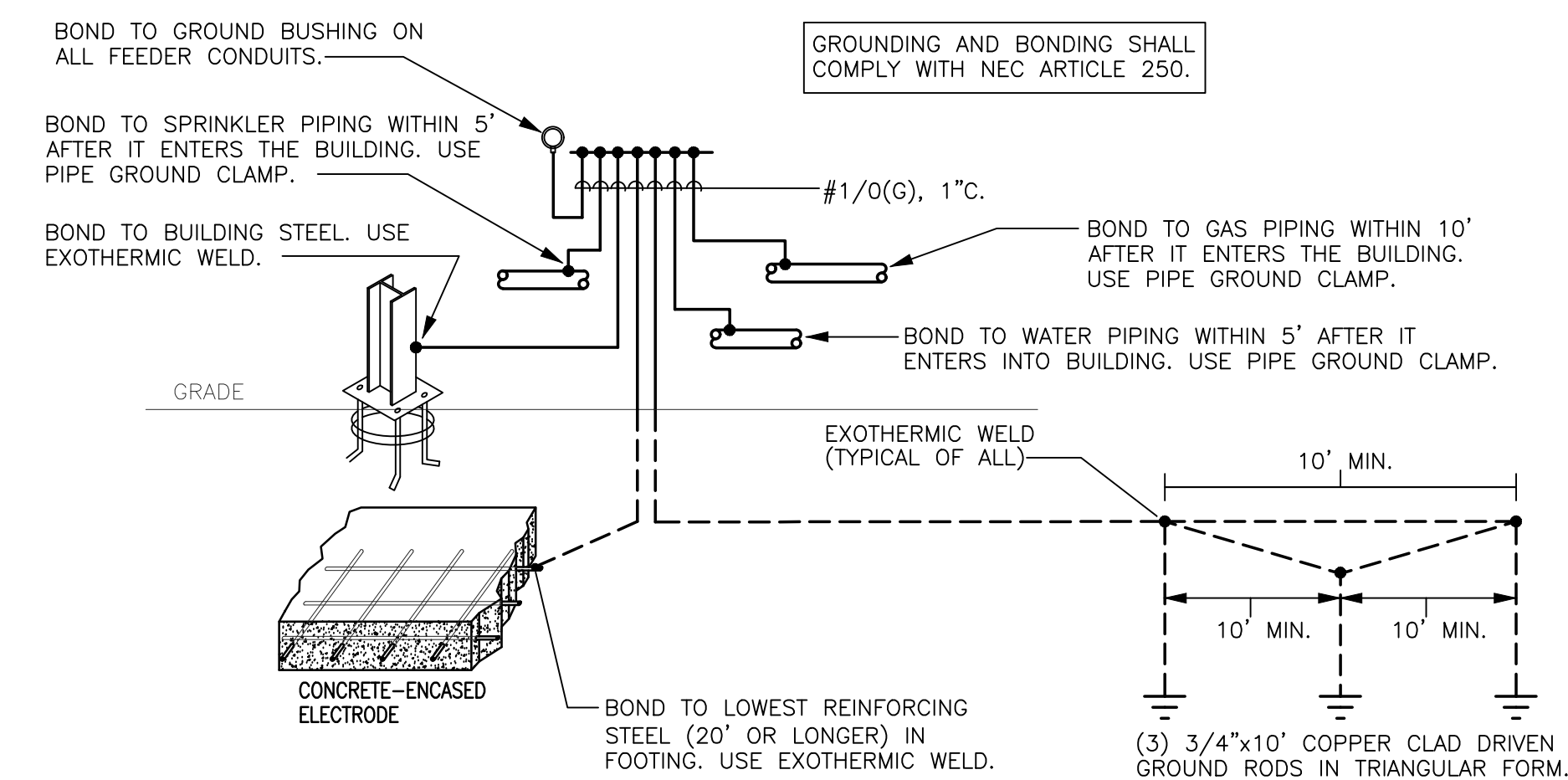
PANEL		LOCATION: ELECTRICAL ROOM 116		LUG LOCATION: BOTTOM FEED		PANELBOARD AIC RATING (A): 10,000				
EP		VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: MAIN LUGS ONLY		SURFACE				
BUS: 200A										
CIRCUIT NO.	BREAKER	AMPS	POLES	PHASE LOAD (KVA)			DESCRIPTION	BREAKER	POLES	CIRCUIT NO.
				A	B	C				
1	20	1		0.3	0.3		FACP	20	1	2
3	20	3				1.9	CONTACTOR "C1"	20	1	4
5	-	-					LTS. (PRIMARY LAB)	20	1	6
7	-	-		1.9	1.2		LTS. (ADVANCED LAB)	20	1	8
9	20	2				1.5	EF-05	15	1	10
11	-	-					EF-06	15	1	12
13	20	1		0.5	0.0		SPARE	20	1	14
15	20	1				0.0	LTS. (ADVANCED PROCEDURE)	20	1	16
17	25	2				1.4	SPARE	20	1	18
19	-	-		1.4	0.5		PATIENT TABLE (PROCEDURE)	20	1	20
21	20	1				0.0	NIKON MICROSCOPE (ADVANCED LAB)	20	1	22
23	20	1				0.5	OLYMPUS MICROSCOPE (ADVANCED LAB)	20	1	24
25	20	1		0.4	0.5		FULL SIZE INCUBATOR (ADVANCED LAB)	20	1	26
27	20	1				0.4	6" WORK STATION (ADVANCED LAB)	20	1	28
29	20	1					4" WORK STATION (ADVANCED LAB)	20	1	30
31	20	1		0.4	0.5		4" WORK STATION (ADVANCED LAB)	20	1	32
33	20	1				0.4	MINC BENCHTOP INCUBATOR (ADVANCED LAB)	20	1	34
35	20	1				0.7	MINC BENCHTOP INCUBATOR (ADVANCED LAB)	20	1	36
37	20	1		0.5	0.5		MINC BENCHTOP INCUBATOR (ADVANCED LAB)	20	1	38
39	20	1				0.5	CU-07a	25	2	40
41	20	1				0.5		-	-	42
43	100	2		7.5	0.0		SPARE	20	1	44
45	-	-				7.5	SPARE	20	1	46
47	20	1					SPARE	20	1	48
49	20	1		0.7	0.0		REC. (ADVANCED PROCEDURE ROOM)	20	1	50
51	20	1				0.4	SPARE	20	1	52
53	20	1				0.4	MINC BENCHTOP INCUBATOR (ADVANCED LAB)	20	1	54
TOTAL				17.0	16.7	13.1				



NOTES:

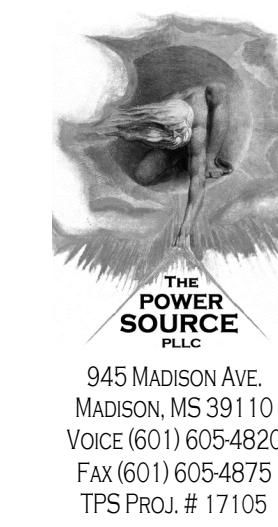
- HOMERUN CONDUITS SHALL BE SIZE 3/4" OR LARGER.
- CONDUITS SHALL BE LIMITED TO THREE CURRENT CARRYING CONDUCTORS

1
E0.2 HOMERUN DETAIL
Scale: NONE



2
E0.2 GROUNDING DETAIL
Scale: NONE

△ BULLETIN #2 01-02-18

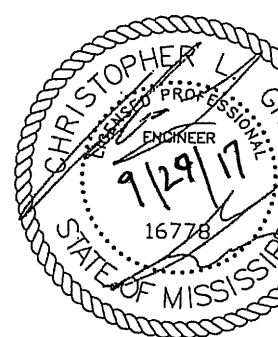


WIER BOERNER ALLIN
ARCHITECTURE

2727 OLD CANTON RD, SUITE 200

JACKSON, MISSISSIPPI 39216

P:601.321.9107 F:601.321.9108

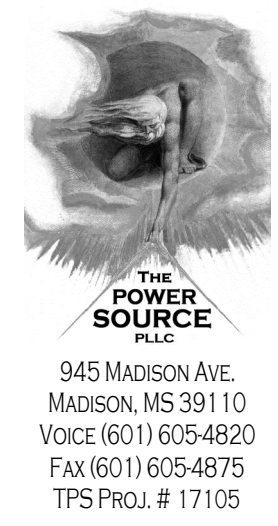


FOUNTAINS
DOCTOR'S OFFICE

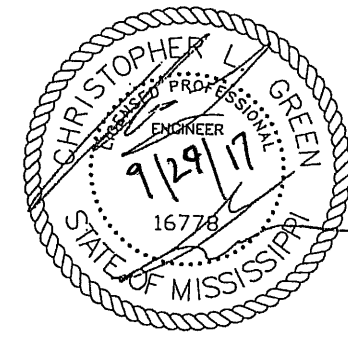
GENERAL CONTRACTOR:

PROBITY

FOUNTAINS BLVD.
MADISON, MS 39110



945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 17105

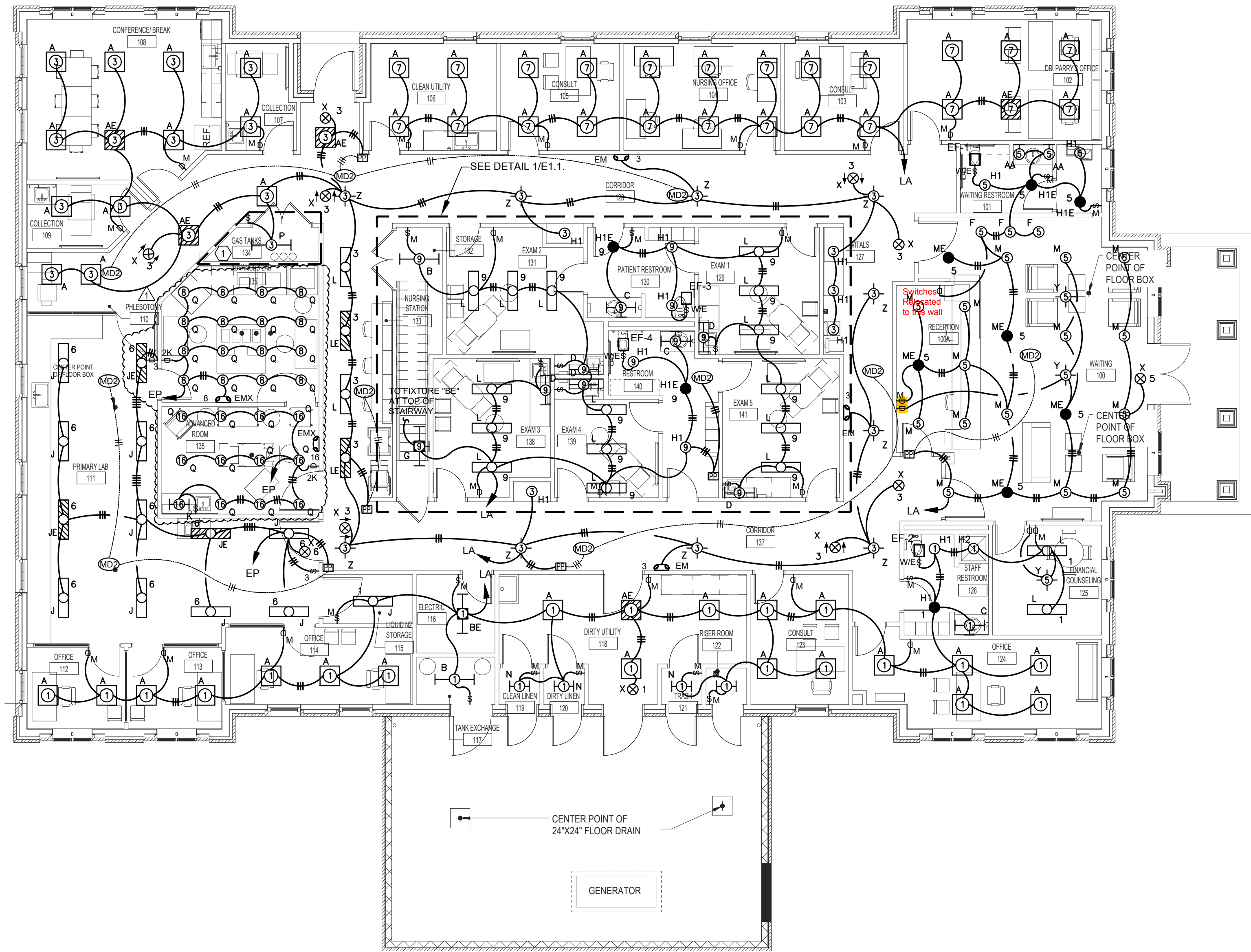


**FOUNTAINS
DOCTOR'S OFFICE**

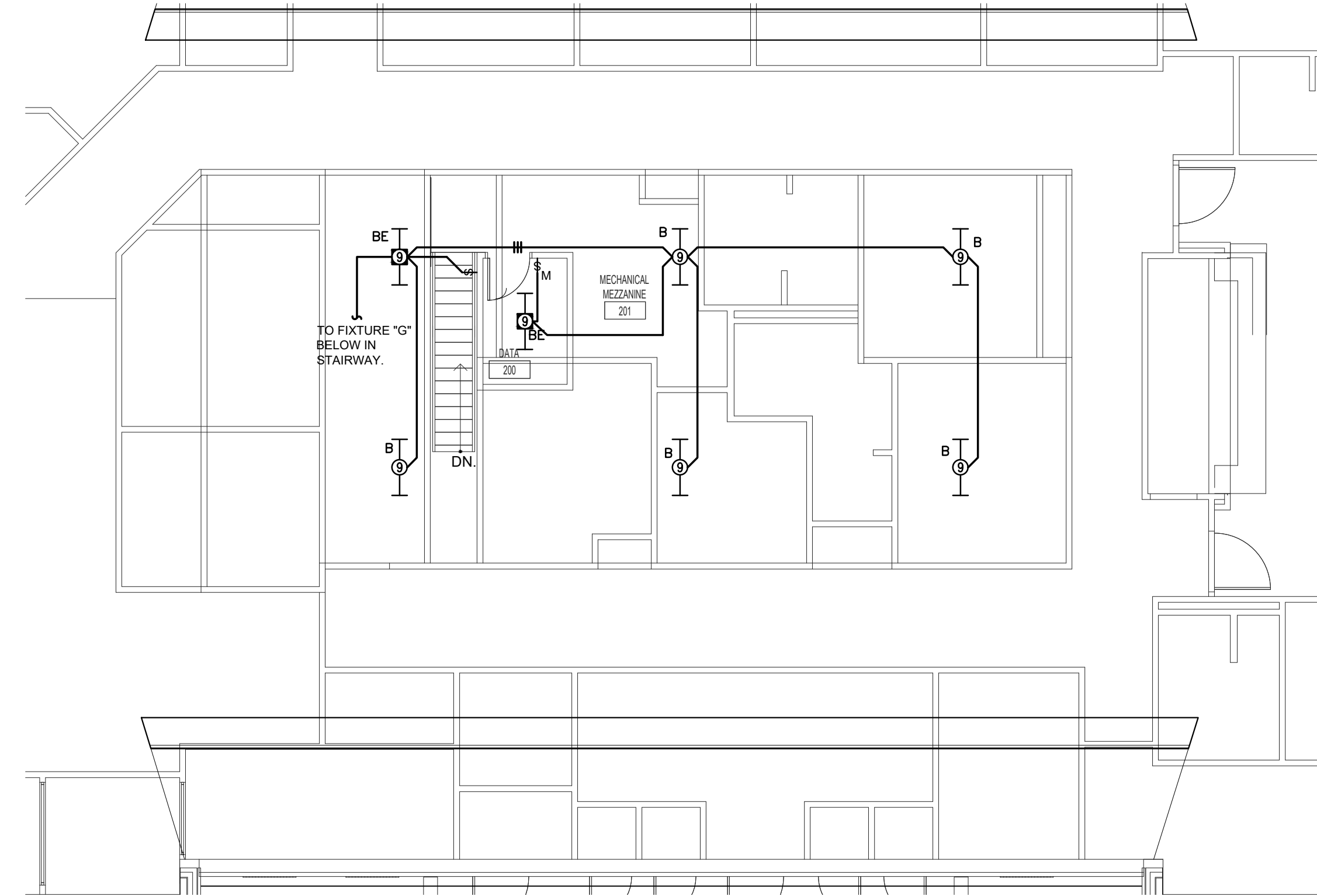
**GENERAL CONTRACTOR:
PROBITY**

FOUNTAINS BLVD.
MADISON, MS 39110

Mark	Description
①	USE GRS CONDUITS AND PROVIDE EXPLOSION PROOF FITTINGS FOR ALL CONNECTIONS IN GAS TANK STORAGE 134.



① LIGHTING PLAN
E1.0 Scale: 1/8" = 1'-0"



② LIGHTING PLAN - MEZZANINE
E1.0 Scale: 1/8" = 1'-0"

SEPTEMBER 29, 2017

CONSTRUCTION DOCUMENTS

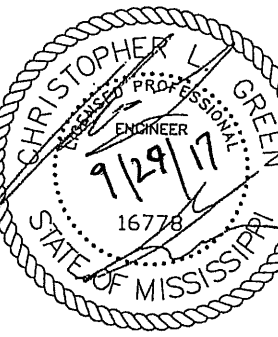
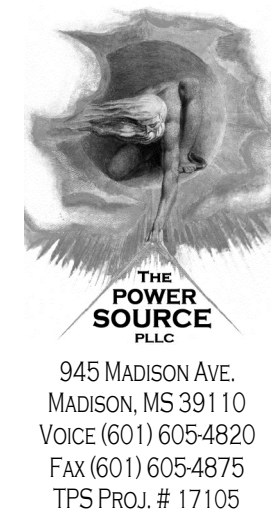
WBA #: 2217

REVISIONS

NO.	DESCRIPTION	DATE
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▲ BULLETIN #2 01-02-18

E1.0
LIGHTING PLAN



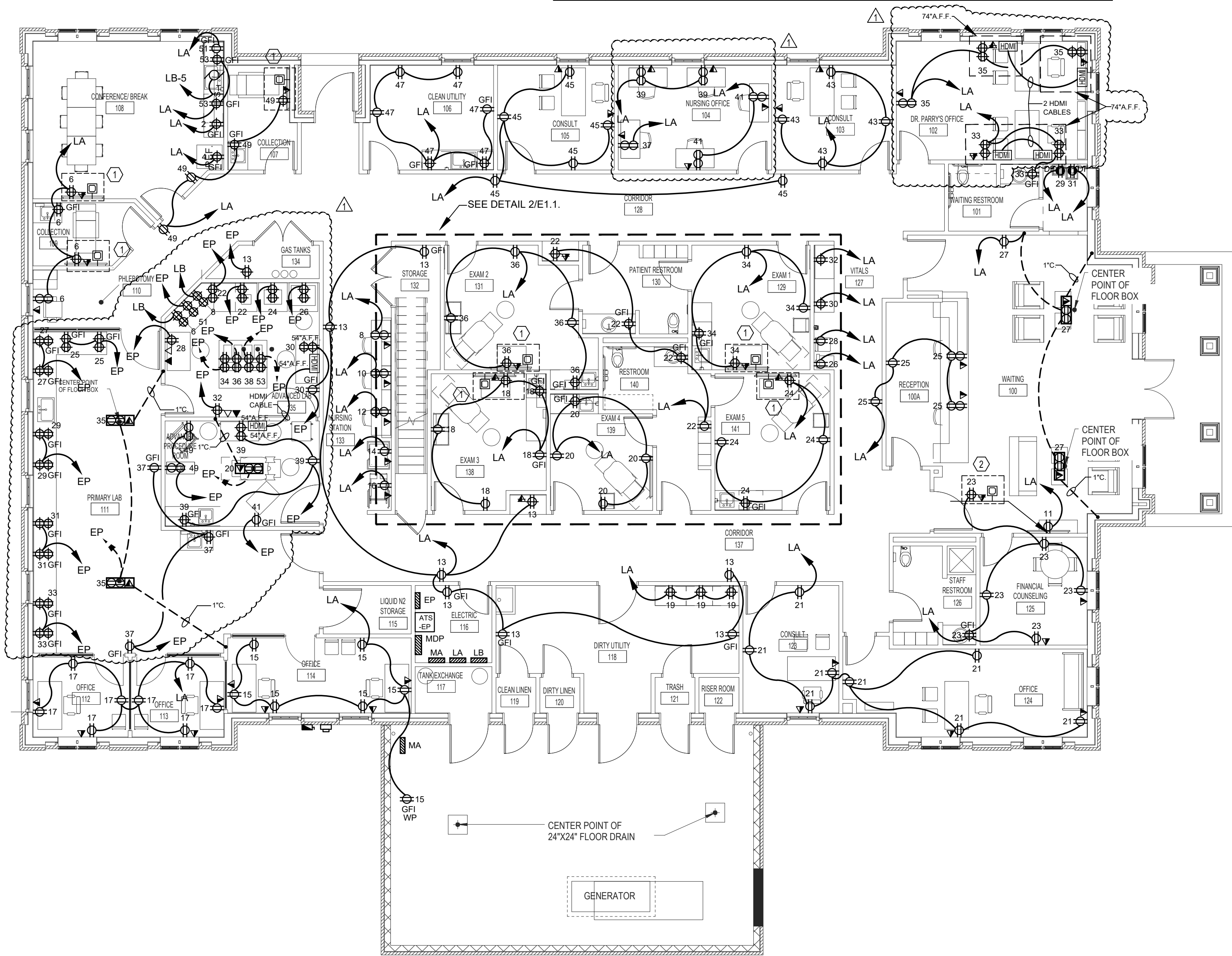
**FOUNTAINS
DOCTOR'S OFFICE**

GENERAL CONTRACTOR:
PROBITY

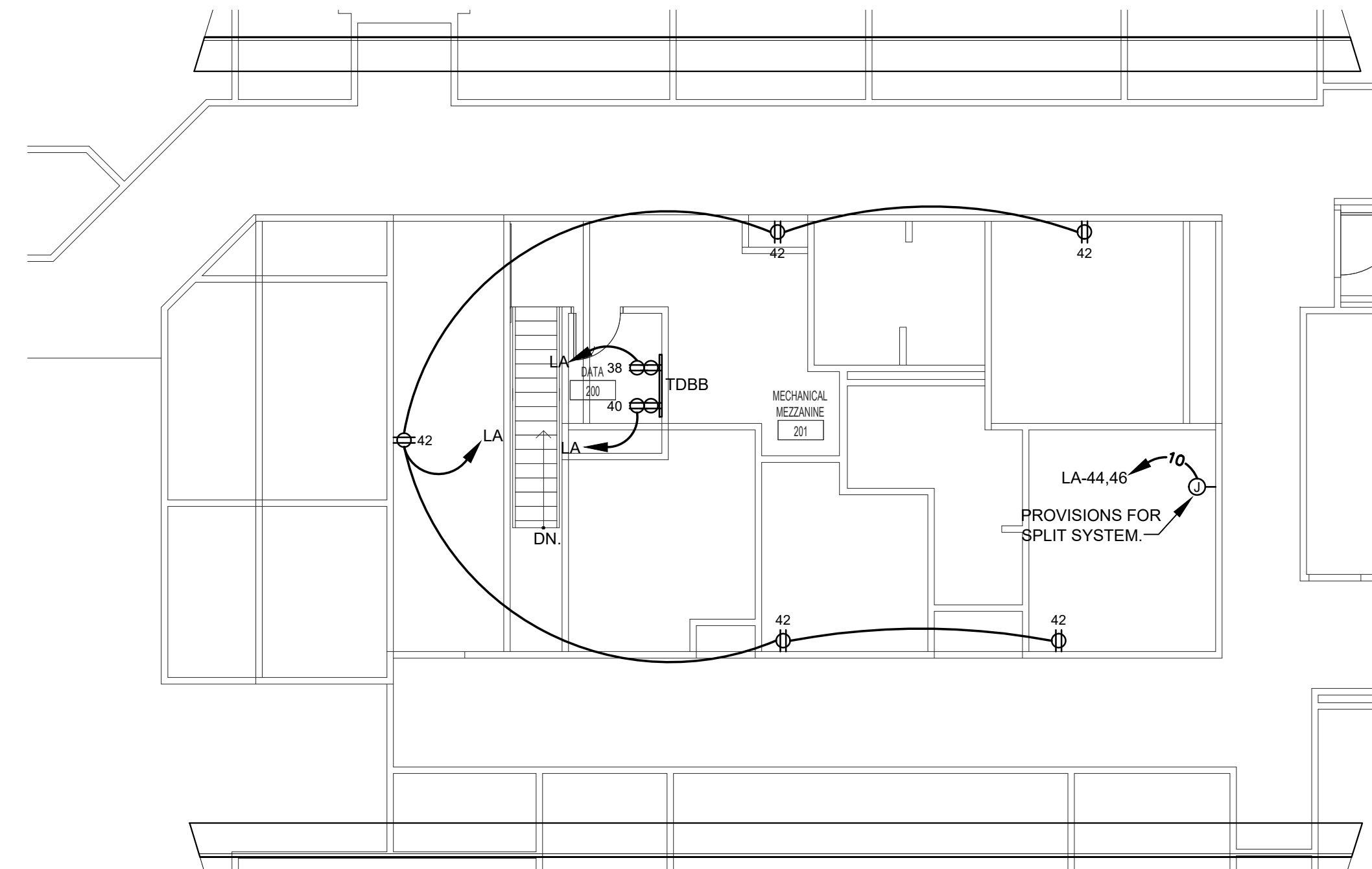
FOUNTAINS BLVD.
MADISON, MS 39110

GENERAL NOTES	
Mark	Description
A.	INDIVIDUAL UPS FOR LAB EQUIPMENT PROVIDED BY OTHERS.

KEYED NOTES	
Mark	Description
①	VERIFY MOUNTING WITH ARCHITECT PRIOR TO ROUGH-IN.
②	MOUNT 60" A.F.F.



① **POWER PLAN**
E2.0 Scale: 1/8" = 1'-0"



② **POWER PLAN - MEZZANINE**
E2.0 Scale: 1/8" = 1'-0"

SEPTEMBER 29, 2017

CONSTRUCTION DOCUMENTS

WBA #: 2217

REVISIONS

NO.	DESCRIPTION	DATE

▲ BULLETIN #2 01-02-18

E2.0
POWER PLAN