

1. COORDINATE CONSTRUCTION OF OPENINGS AND PENETRATING ITEMS TO ENSURE THAT THROUGH-PENETRATION FIRESTOP SYSTEMS ARE INSTALLED ACCORDING TO SPECIFIED AND APPLICABLE UL REQUIREMENTS.
2. COORDINATE SIZING OF SLEEVES, OPENINGS, CORE-DRILLED HOLES, OR CUT OPENINGS TO ACCOMMODATE THROUGH-PENETRATION FIRESTOP SYSTEMS.
3. DO NOT COVER UP THROUGH-PENETRATION FIRESTOP SYSTEM INSTALLATION UNTIL EXAMINED BY INSPECTOR, IF REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. COMPATIBILITY: PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER; WITH THE SUBSTRATES FORMING OPENINGS; AND WITH THE ITEMS, IF ANY, PENETRATING THROUGH PENETRATIONS. THROUGH-PENETRATION SYSTEMS, INCLUDING SERVICE AND APPLICATION, AS DEMONSTRATED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.
5. PROVIDE COMPONENTS FOR EACH THROUGH-PENETRATION FIRESTOP SYSTEM AND MATERIALS TO INSTALL FIRE RATED MATERIALS. USE ONLY COMPONENTS SPECIFIED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER AND APPROVED BY QUALIFIED TESTING AND INSPECTING AGENCY FOR FIRESTOP SYSTEMS INDICATED.
6. PROVIDE SLEEVES THROUGH ALL FIRE-RATED WALLS AND FLOOR VOIDS. SLEEVES SHALL BE WELDED TO SLEEVES AROUND PENETRATIONS WITH FIRE STOP PUTTY WITH UL LISTED 3 HOUR RATING INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
7. FIRE SEAL ALL PIPING, CONDUIT, CABLE, ETC PENETRATIONS ROUTED THROUGH FIRE RATED WALLS.
8. PROVIDE FIRE RATED ENCLOSURES OR WRAPS ON LIGHT EXITS, ELEVATOR AND PENETRATING FIRE RATED WALLS, FLOORS, CEILING/CEILING/GROUPE ASSEMBLIES TO MAINTAIN UL LISTING FOR CONSTRUCTION.

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADAPTED VERSION OF THE NATIONAL ELECTRICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ.
2. COORDINATE LOCATIONS OF RECEPTACLES, SWITCHES, ETC. WITH ARCHITECTURAL CASEWORK AND ELEVATIONS.
3. REFER TO MOUNTING HEIGHTS DETAIL FOR MOUNTING HEIGHTS OF ALL DEVICES NOT INDICATED OTHERWISE.
4. PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS AND BUSHED ENDS.
5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW WHERE REASONABLY POSSIBLE.

1. SOME ROOM NAMES MAY NOT BE SHOWN FOR PURPOSE OF CLARIFYING PLAN. REFER TO ARCHITECTURAL PLANS FOR REFERENCE TO ROOM NAMES NOT SHOWN.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE EXISTING RECORD DRAWING SET DATE OF "RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. THE CONTRACTOR SHALL DELIVER THE "RECORD DRAWINGS" TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT AND THE PROJECT CLOSEOUT.
3. THESE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS (NEW AND EXISTING), DIMENSIONS, AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK AND SHALL INCLUDE ALL COSTS, EQUIPMENT, MATERIAL, AND LABOR TO COMPLETE THE PROJECT, INCLUDING ALL FUNCTIONAL AND CODE COMPLIANT INSTALLATION.
4. FINAL LOCATIONS OF ALL DEVICES, LIGHT FIXTURES, EQUIPMENT ETC. SHALL BE INDICATED ON THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM THE FIELD. ALL DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM MEP DRAWINGS.
5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, APPROVALS, LICENSES, ETC. AS NEEDED FOR THE COMPLETE INSTALLATION AND PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL FEES AND DATA NEEDED FOR THIS.

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADAPTED VERSION OF THE INTERNATIONAL MECHANICAL CODE, LOCAL STATE CODES, AND REQUIREMENTS OF THE M/A.
2. AN ELECTRICAL CONTRACTOR SHALL BE PROVIDED BY THE M/A. IS INDICATED ON ELECTRICAL PLANS, ANY ADDITIONAL LINE VOLTAGE OR LOW VOLTAGE POWER REQUIRED BY THE M/C OR SUBCONTRACTORS TO HAVE A FULLY FUNCTIONING SYSTEM SHALL BE PROVIDED BY THE M/C CONTRACTOR OR SUBS.
3. ALL EQUIPMENT SHALL BE ADEQUATELY AND PROPERLY SUPPORTED AND FASTENED FROM STRUCTURE.
4. ALL EQUIPMENT AND ACCESSORIES INSTALLED IN CONCEALED SPACES REQUIRE ACCESS SHALL BE PROVIDED WITH ACCESS DOORS MEETING ANY FIRE REQUIREMENTS OF THE WALL/CEILING THEY ARE INSTALLED.
5. EACH AIR HANDLING UNIT OVER 2000CFM SHALL BE PROVIDED WITH A SMOKE DETECTOR TO SHUT DOWN THE UNIT PER IMC 606 AS REQUIRED BY M/A. COORDINATE WITH OTHER TRADES.
6. START AND END DUST CONTROL AND REPORT ALL MECHANICAL SYSTEMS OPERATE IN ACCORDANCE WITH THEIR INTENDED PURPOSES. SUBMIT BALANCE AND START UP REPORTS TO THE A/E. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS.

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADAPTED VERSION OF THE INTERNATIONAL PLUMBING CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHA.
2. ALL PREPARED SHALL BE INSTALLED WARM SIDE WILL SUBJECT TO FREEZING TEMPERATURES. PIPING TO EXTERIOR WALLS SHALL BE INSTALLED ON THE WARM SIDE OF BUILDING INSULATION, INSULATED AND THE CHASE SHALL BE VENTILATED WITH GRILLES ALLOWING INDOOR AMBIENT CONDITIONS TO CIRCULATE THROUGH THE CHASE.
3. PROVIDE CLEANOUTS IN THE FOLLOWING LOCATIONS:
 - 3.1. IN ALL HORIZONTAL BRANS (WITHIN THE BUILDING) NOT MORE THAN 100 FEET APART
 - 3.2. IN BUILDING SEWERS LOCATED NO MORE THAN 100 FEET APART MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEANOUT.
 - 3.3. EACH CHANGE OF DIRECTION OF THE BUILDING DRAIN OR HORIZONTAL WASTE OR SOIL LINES GREATER THAN 45 DEGREES WHERE THE DRAIN OR WASTE CHANGE DIRECTION OCCURS IN A RUN OF PIPING, ONLY ONE CLEANOUT SHALL BE REQUIRED FOR EACH 40 FEET OF DEVELOPED LENGTH OF THE DRAINAGE PIPING.
 - 3.4. AT THE BASE OF EACH WASTE OR SOIL STACK.
 - 3.5. NEAR THE JUNCTION OF THE BUILDING DRAIN AND BUILDING SEWER.

1. COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND EQUIPMENT WITH ALL OTHER TRADES.
2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND PATH OF ALL CONDUITS, PIPES, DUCTS, ETC. WITH THE POSITION AND LAYOUT OF THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY OFFSETS, TURNS, RISERS AND DROPS FOR SYSTEMS AND COMPONENTS AS NEEDED, TO INSTALL THE RELEVANT SYSTEMS AND COMPONENTS AS REQUIRED, AND OTHER SYSTEMS IN POTENTIAL CONFLICT WITH ROUTING.
3. COORDINATE WORK WITH OTHER TRADES TO INSTALL SYSTEMS ABOVE CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS.
4. CHECK SPACE REQUIREMENTS WITH OTHER TRADES AND STRUCTURAL ENGINEER TO INSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE INSTALLED IN THE SPACE ALLOTTED INCLUDING FINISHED SUSPENDED CEILINGS AND OTHER SPACES, CHASES, ETC. WITHIN THE BUILDING. MAKE MODIFICATIONS THERETO AS REQUIRED AND REPORT.
5. TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION.
6. COORDINATE WORK INTERCONNECTS WITH WORK OF OTHER TRADES. WHEREVER WITH THOSE TRADES TO INSURE THAT ALL SYSTEMS HAVE THE NECESSARY CONNECTION NECESSARY SO THAT THEY MAY PROPERLY INSTALL ALL CONNECTIONS AND EQUIPMENT. IDENTIFY ALL ITEMS OF WORK THAT REQUIRE ACCESS SO THAT THE CEILING TRADE WILL KNOW WHERE TO INSTALL ACCESS DOORS AND PANELS.
7. COORDINATE, PROJECT AND SCHEDULE WORK WITH OTHER TRADES IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE.
8. DRAWINGS SHOW THE GENERAL RUNS OF CONDUITS, PIPING AND EQUIPMENT AND APPROXIMATE LOCATION OF OUTLETS. ANY SUCH INFORMATION HAS TO BE REVIEWED BY THE CONTRACTOR TO MEET FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND RECEIVE HIS APPROVAL BEFORE SUCH ALTERATIONS ARE MADE. ALL SUCH MODIFICATIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF SURFACES, AREAS AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
10. ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT INTERFERENCE, BOTH ANTICIPATED AND ENCOUNTERED, DETERMINE THE ROUTE OF THE PIPING, DUCTWORK, ETC. TO THE POINT OF FABRICATION, MAKE OFFSETS, TRANSITIONS AND CHANGES IN DIRECTION IN SYSTEMS AS REQUIRED TO MAINTAIN ADEQUATE CLEARANCES AND HEADROOM.
11. WHEREVER THE WORK IS OF SUFFICIENT COMPLEXITY, PREPARE AND COORDINATE DRAWINGS AND ORGANIZE ON-SITE MEETINGS WITH ALL RELATED SUBCONTRACTORS TO COORDINATE THE WORK BETWEEN TRADES. DRAWINGS SHALL CLEARLY SHOW THE WORK AND ITS RELATION TO THE WORK OF OTHER TRADES, AND BE SUBJECT TO REVIEW PRIOR TO COMMENCING SHOP FABRICATION OR ERECTION IN THE FIELD.
12. COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR REQUIREMENTS FOR SERVICE CONNECTIONS AND PROVIDE ALL NECESSARY MATERIALS, LABOR AND TESTING TO ACCOMPLISH THE WORK.

NOTES LEGEND

- 1 - PROVIDE WET LOCATION RATED FIXTURE
- 2 - PROVIDE COLD LOCATION RATED DRIVER
- 3 - PROVIDE SQUARE STRAIGHT STEEL POLE RATED FOR 100 MPH WIND GUSTS, PRIMED AND PAINTED TO MATCH FIXTURE
- 4 - PROVIDE EMERGENCY BATTERY
- 5 - PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION.
- 6 - PROVIDE WEATHER PROOF JUNCTION BOX FOR DRIVERS AND ELECTRICAL CONNECTIONS ABOVE SOFFIT.



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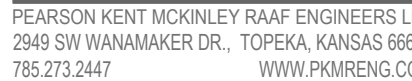
CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 5
LEES SUMMIT, MISSOURI

SUBMISSION DATES
MAY 23, 2023
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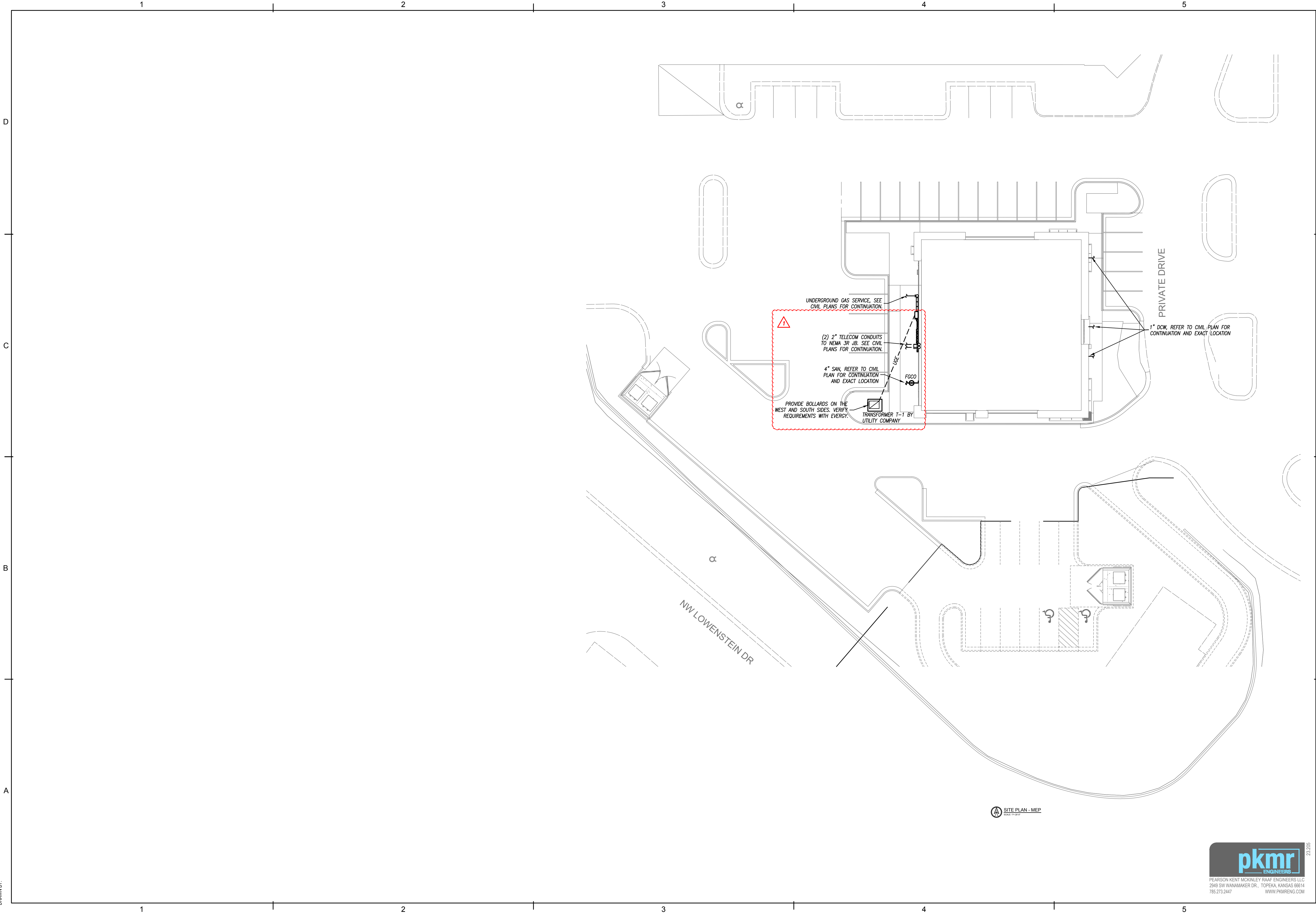
SHEET TITLE
SITE PHOTOMETRIC
PLAN AND GENERAL
NOTES

PROJECT NUMBER
230117

SHEET NUMBER
ME-201



FILE PATH:
DATE:
DRAWN BY:



SITE PLAN - MEP
SCALE: 1/8" = 1'-0"

pkmr
ENGINEERS

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STREETS OF WEST PRYOR LOT 5
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SHEET TITLE
SITE MEP PLAN

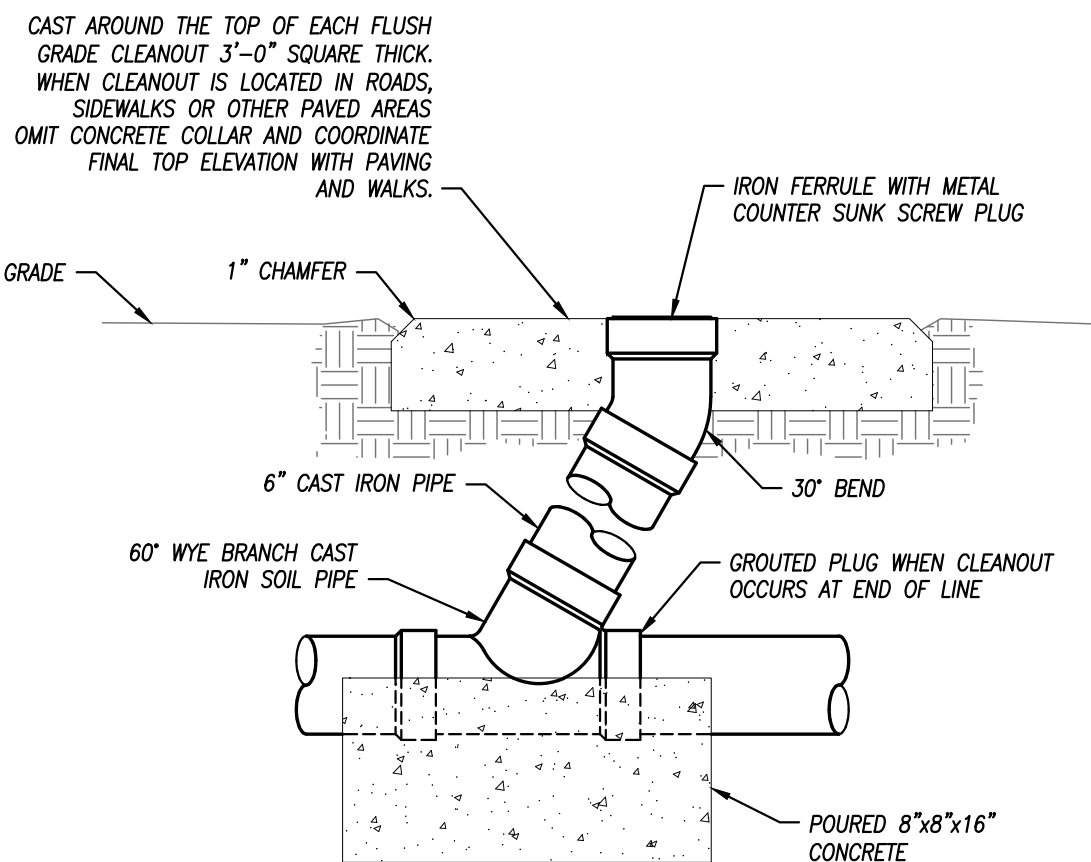
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230117

SHEET NUMBER
ME-202

FLOOR DRAIN SCHEDULE

PLAN MARK	MANUFACTURER	MODEL NUMBER	SERVICE	TOPIGRATE SIZE	WASTE SIZE	REMARKS
FD-1	WADE	1100	FLOOR DRAIN	6"Ø	3"	1

REMARKS:
1. PROVIDE WITH NICKEL BRONZE TOP AND TRAP SEAL.



FLUSH GRADE CLEANOUT DETAIL

NOT TO SCALE

PIPING MATERIAL & INSULATION SCHEDULE

PIPING SYSTEM	SIZE	TYPE/SCHED	MATERIAL	ACCEPTABLE FITTINGS	FIELD TEST PRESSURE/TIME	ALLOWABLE IN PLENUMS	INSULATION	
							TYPE	THICKNESS
DOMESTIC COLD WATER	1/2"-2-1/2"	L	COPPER	SOLDER, PRO-PRESS	130 PSI - 1/2HR	YES	FIBERGLASS W/ ASJ	1/2"
DOMESTIC HOT WATER & HW RETURN	1/2"-2-1/2"	L	COPPER	SOLDER, PRO-PRESS	130 PSI - 1/2HR	YES	FIBERGLASS W/ ASJ	1"
NATURAL GAS - ABOVE GRADE	2-1/2" & Up	SCH. 40	STEEL - SEAMED	WELDED	75 PSI - 1HR	YES	----	----
NATURAL GAS - ABOVE GRADE	1/2"-2"	SCH. 40	STEEL - SEAMLESS	THREADED IRON	75 PSI - 1HR	YES	----	----
SOIL & WASTE BELOW GRADE	2"-8"	SCH. 40	PVC	SOLVENT JOINED	10 FT - 1/2HR	NO	----	----
DOM. WATER SERVICE BELOW GRADE	4"-8"	AWWA C151	DUCTILE IRON	AWWA C111. MECH JOINTS	130 PSI - 1/2HR	YES	----	----
DOM. WATER SERVICE BELOW GRADE	1"-3"	K	COPPER	CONTINUOUS TUBING, BRAZED	130 PSI - 1/2HR	YES	----	----
DOM. WATER SERVICE BELOW GRADE	1"-3"	DR 9	HDPE	CONTINUOUS TUBING, FUSED	130 PSI - 1/2HR	NO	----	----

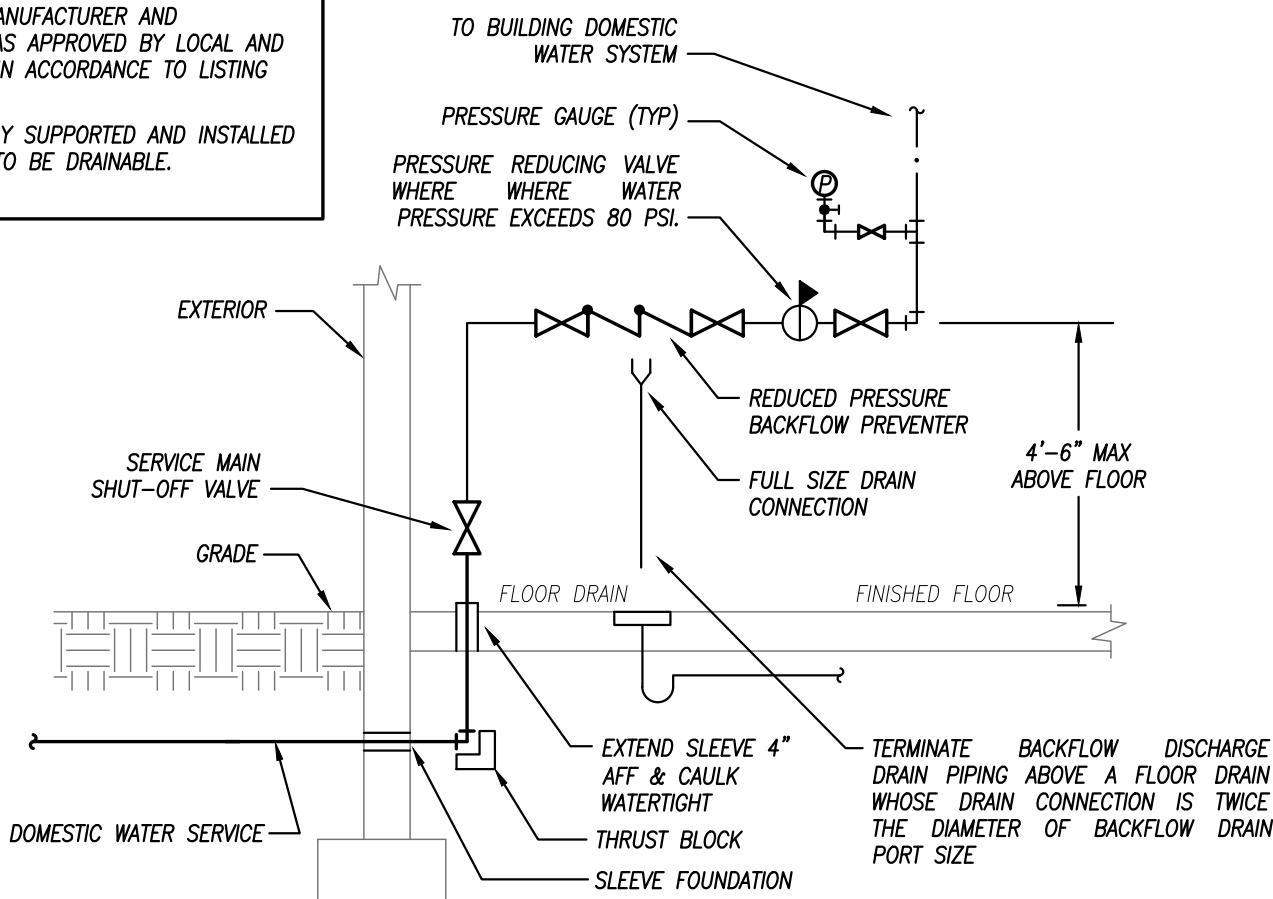
- NOTES
1. ALL PIPING AND MATERIALS IN PLENUMS MUST MEET ASTM E84 FLAME/SMOKE RATING OF 25/50.
2. ALL INSULATION THICKNESSES SHALL MEET ASHRAE 90.1 - 2007 REQUIREMENTS AT A MINIMUM.
3. REFER TO SPECIFICATIONS FOR MORE DETAILED INFORMATION.

PLUMBING FIXTURE SCHEDULE

PLAN MARK	FIXTURE MODEL	FIXTURE DESCRIPTION	FITTINGS MODEL	FITTINGS DESCRIPTION	PIPE SIZES			
					WASTE	VENT	DCW	DHW
P-1	TOTO DRAKE CST744SL	ADA COMPLIANT WATER CLOSET: FLUSH TANK, WHITE ELONGATED BOWL, 1.6 GALLON SIPHON JET FLUSHING SYSTEM, 2-1/8" TRAP DIAMETER, WITH POLISHED CHROME FLUSH HANDLE MOUNTED ON WIDE SIDE OF RESTROOM STALL, WITH HANDLE STOP VALVE AND METAL FLEXIBLE WATER RISER	TOTO SC534	SEAT: WHITE, SOLID PLASTIC, OPEN FRONT, ELONGATED	4"	2"	1/2"	---
P-2	AMERICAN STANDARD 0355.012	LAVATORY: WHITE WALL HUNG LAVATORY 20"x18" WITH 4" BACK FAUCET HOLES ON 4" CENTERS, WITH CONCEALED ARM CARRIER. PROVIDE HANDLE STOP VALVES AND FLEXIBLE METAL WATER RISERS.	AMERICAN STANDARD 2175.504	FAUCET: 4" CENTERSET, CHROME FINISH WITH 4" METAL LEVER HANDLE, 1/2" CONNECTIONS, 1.5 GPM MAX FLOWRATE. CHROME PLATED BRASS GRID DRAIN, TAILPIECE, AND P-TRAP. INSULATE THE TAILPIECE, P-TRAP, AND WATER RISERS	2"	2"	1/2"	1/2"

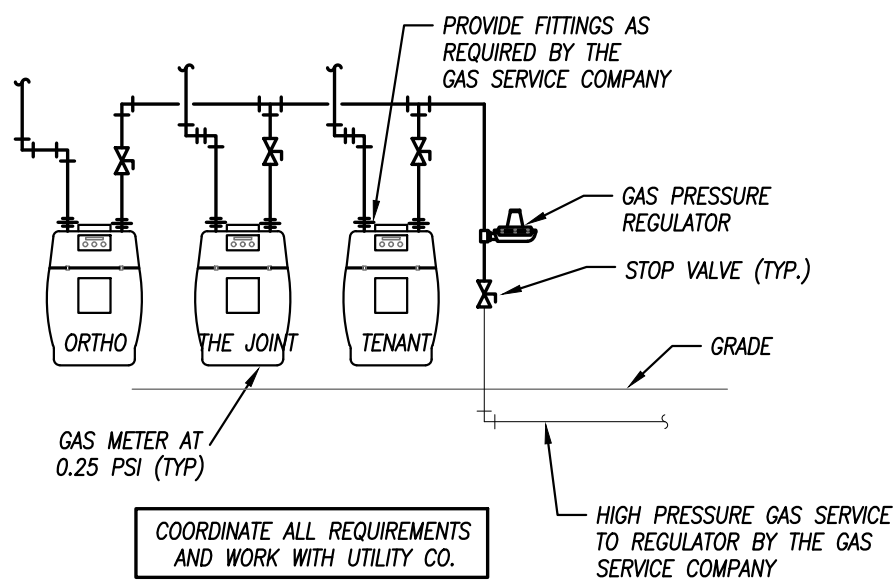
WATER SERVICE REDUCED PRESSURE BACKFLOW PREVENTER DETAIL

NOT TO SCALE



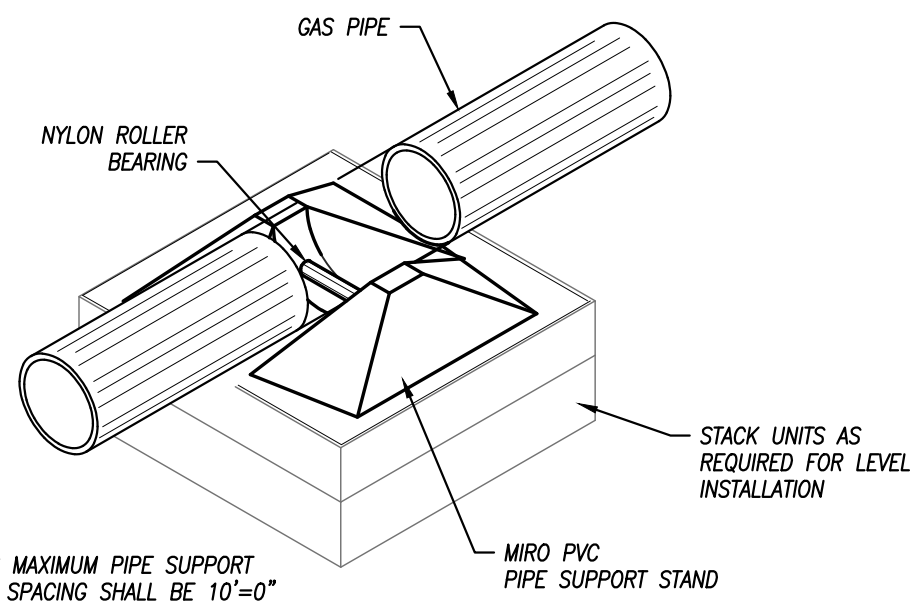
GAS SERVICE DETAIL

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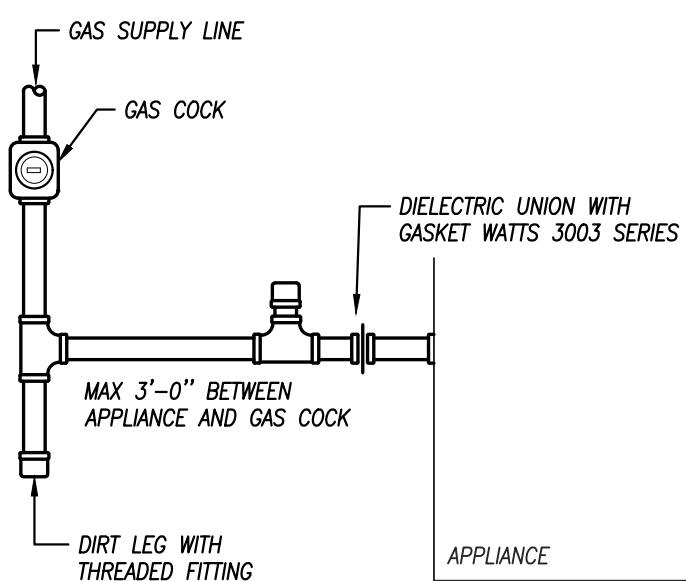
ROOF SUPPORT FOR GAS LINE

NOT TO SCALE



TYPICAL GAS CONNECTION

NOT TO SCALE

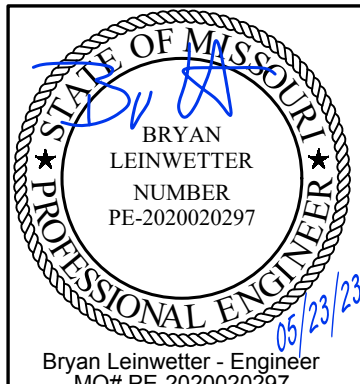


FLOOR PLAN - PLUMBING

SCALE: 1/8" = 1'-0"



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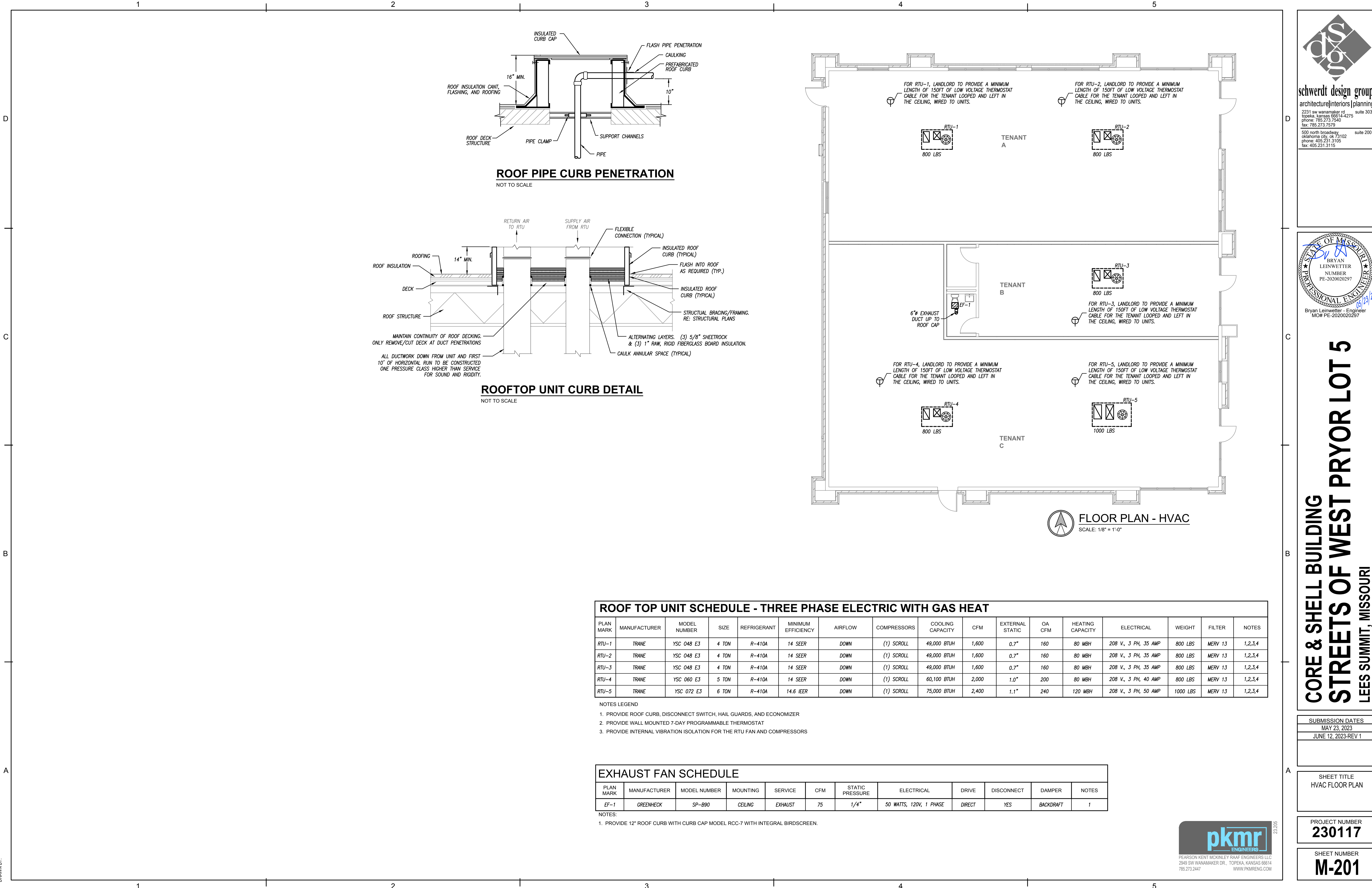
SHEET TITLE
PLUMBING FLOOR PLAN

PROJECT NUMBER
230117

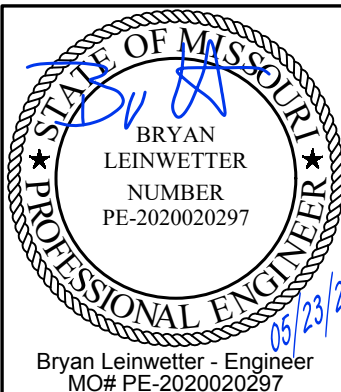
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HVAC FLOOR PLAN

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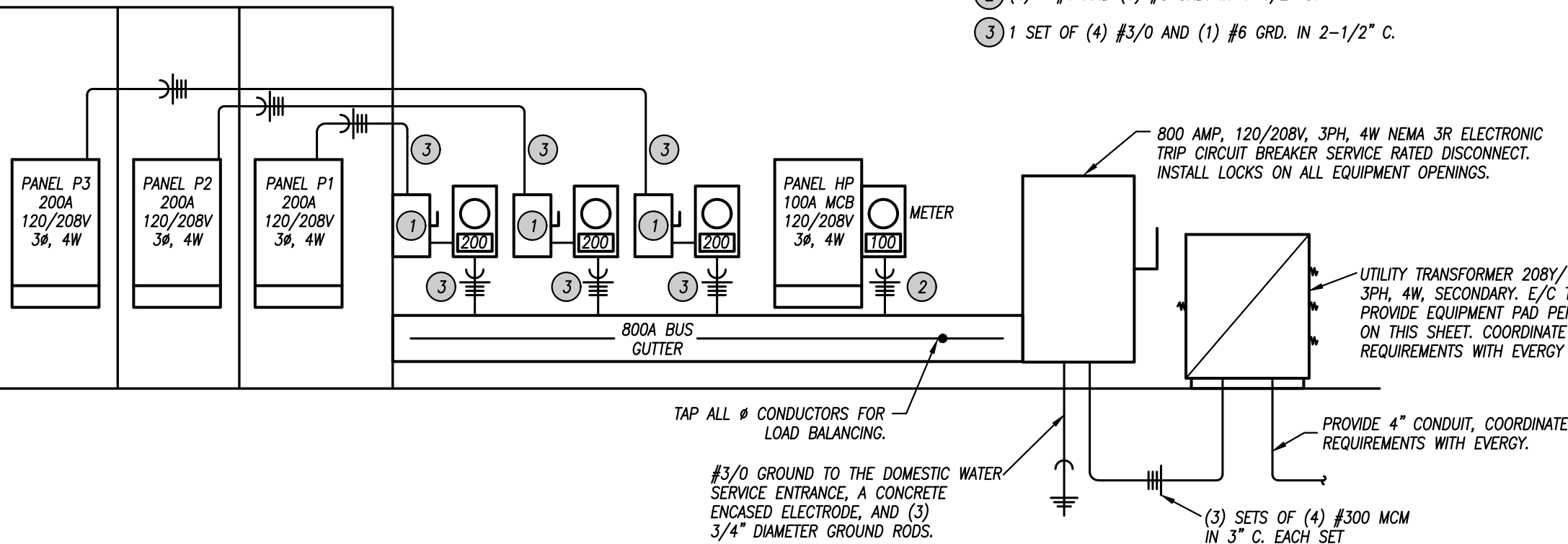
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PANEL DESIGNATION P1	MAIN BUS AMPS: 200 MAIN BREAKER: 200 PANEL TYPE: NQ0D		VOLTAGE: 120/208V PHASE/WIRE: 3PH/4W				MOUNTING: RECESSED LOCATION: SEE PLANS MINIMUM AIC: 22K		
CIRCUIT DESCRIPTION			CKT. BKR.		CKT. NO.	CKT. AMP.		CKT. BKR.	CIRCUIT DESCRIPTION
			P	AMP	P	P		P	
SPARE			1	20	1	2	35	3	RTU-1
SPARE			1	20	3	4	-	-	-
SPARE			1	20	5	6	-	-	-
SPARE			1	20	7	8	35	3	RTU-2
SPARE			1	20	9	10	-	-	-
SPARE			1	20	11	12	-	-	-
SPARE			1	20	13	14	20	1	ROOF RECEPTACLES
SPARE			1	20	15	16	20	1	SPARE
SPARE			1	20	17	18	20	1	SPARE
SPARE			1	20	19	20	20	1	SPARE
SPARE			1	20	21	22	20	1	SPARE
SPARE			1	20	23	24	20	1	SPARE
SPARE			1	20	25	26	20	1	SPARE
SPARE			1	20	27	28	20	1	SPARE
SPARE			1	20	29	30	20	1	SPARE
SPARE			1	20	31	32	20	1	SPARE
SPARE			1	20	33	34	20	1	SPARE
SPARE			1	20	35	36	20	1	SPARE
SPARE			1	20	37	38	20	1	SPARE
SPARE			1	20	39	40	20	1	SPARE
SPARE			1	20	41	42	20	1	SPARE

PANELBOARD SCHEDULE										
PANEL DESIGNATION		MAIN BUS AMPS: 200			VOLTAGE: 120/208V			MOUNTING: RECESSED		
P3		MAIN BREAKER: 200			PHASE/WIRE: 3PH/4W			LOCATION: SEE PLANS		
		PANEL TYPE: NQ00						MINIMUM AIC: 22K		
CIRCUIT DESCRIPTION		CKT. P	BKR. AMP	CKT. NO.	CKT. NO.	CKT. AMP	BKR. P	CIRCUIT DESCRIPTION		
SPARE		1	20	1	2	40	3	RTU-4		
SPARE		1	20	3	4	-	-	-		
SPARE		1	20	5	6	-	-	-		
SPARE		1	20	7	8	50	3	RTU-5		
SPARE		1	20	9	10	-	-	-		
SPARE		1	20	11	12	-	-	-		
SPARE		1	20	13	14	20	1	ROOF RECEPTACLES		
SPARE		1	20	15	16	20	1	SPARE		
SPARE		1	20	17	18	20	1	SPARE		
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SPARE		1	20	35	36	20	1	SPARE		
SPARE		1	20	37	38	20	1	SPARE		
SPARE		1	20	39	40	20	1	SPARE		
SPARE		1	20	41	42	20	1	SPARE		



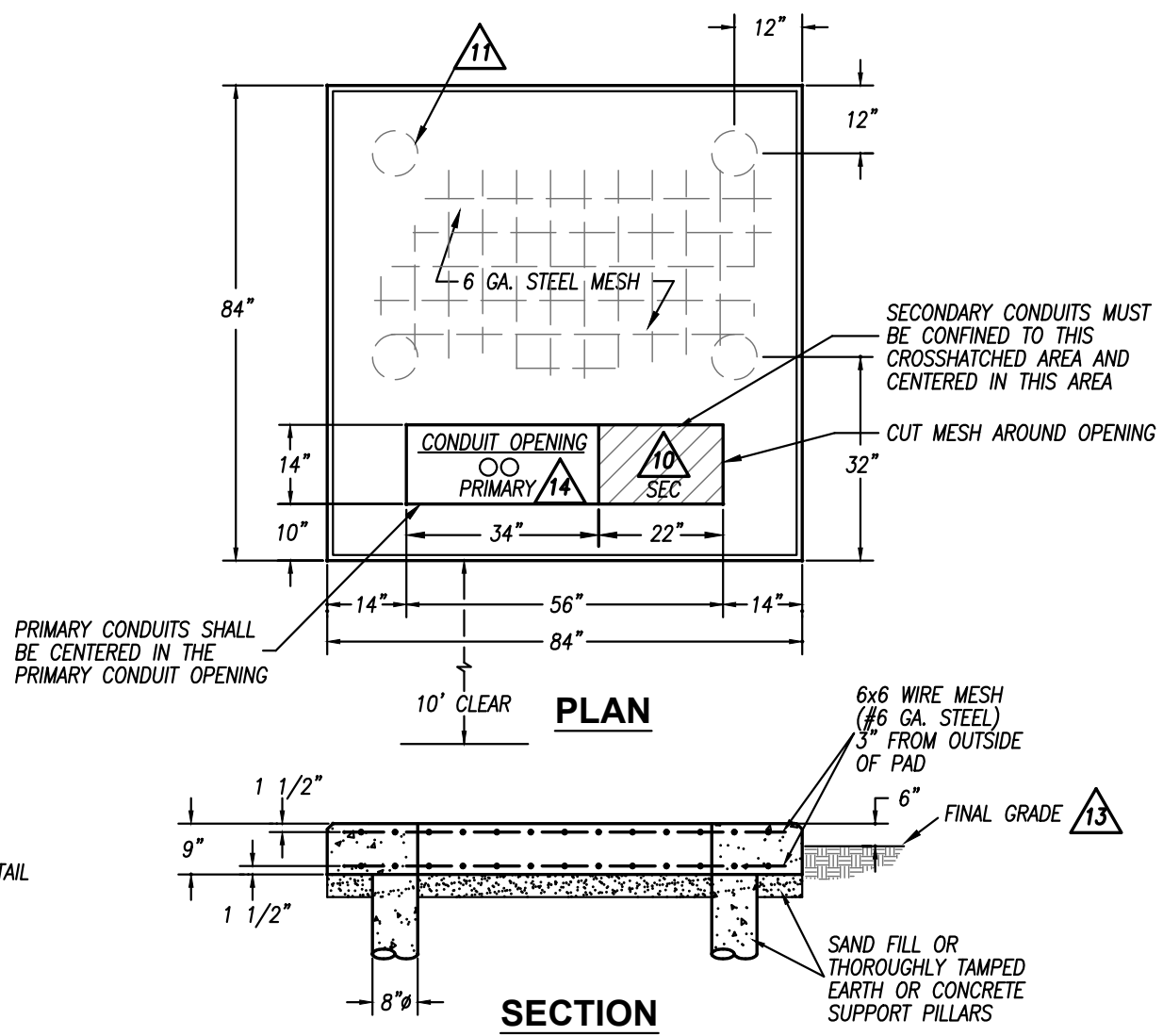
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PANEL DESIGNATION P2	MAIN BUS AMPS: 200 MAIN BREAKER: 200 PANEL TYPE: NQ0D		VOLTAGE: 120/208V PHASE WIRE: 3PH/4W MOUNTING: RECESSED LOCATION: SEE PLANS MINIMUM AIC: 22K				
	CIRCUIT DESCRIPTION		CKT. NO.	CKT. NO.	CKT. BKR.	CKT. AMP.	CIRCUIT DESCRIPTION
EXHAUST FAN-1	1	15	1	2	35	3	RTU-3
WATER HEATER-1	1	30	3	4	-	-	-
SPARE	1	20	5	6	-	-	-
SPARE	1	20	7	8	20	1	ROOF RECEPTACLE
SPARE	1	20	9	10	20	1	SPARE
SPARE	1	20	11	12	20	1	SPARE
SPARE	1	20	13	14	20	1	SPARE
SPARE	1	20	15	16	20	1	SPARE
SPARE	1	20	17	18	20	1	SPARE
SPARE	1	20	19	20	20	1	SPARE
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SPARE	1	20	25	26	20	1	SPARE
SPARE	1	20	27	28	20	1	SPARE
SPARE	1	20	29	30	20	1	SPARE
SPARE	1	20	31	32	20	1	SPARE
SPARE	1	20	33	34	20	1	SPARE
SPARE	1	20	35	36	20	1	SPARE
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SPARE	1	20	39	40	20	1	SPARE
SPARE	1	20	41	42	20	1	SPARE

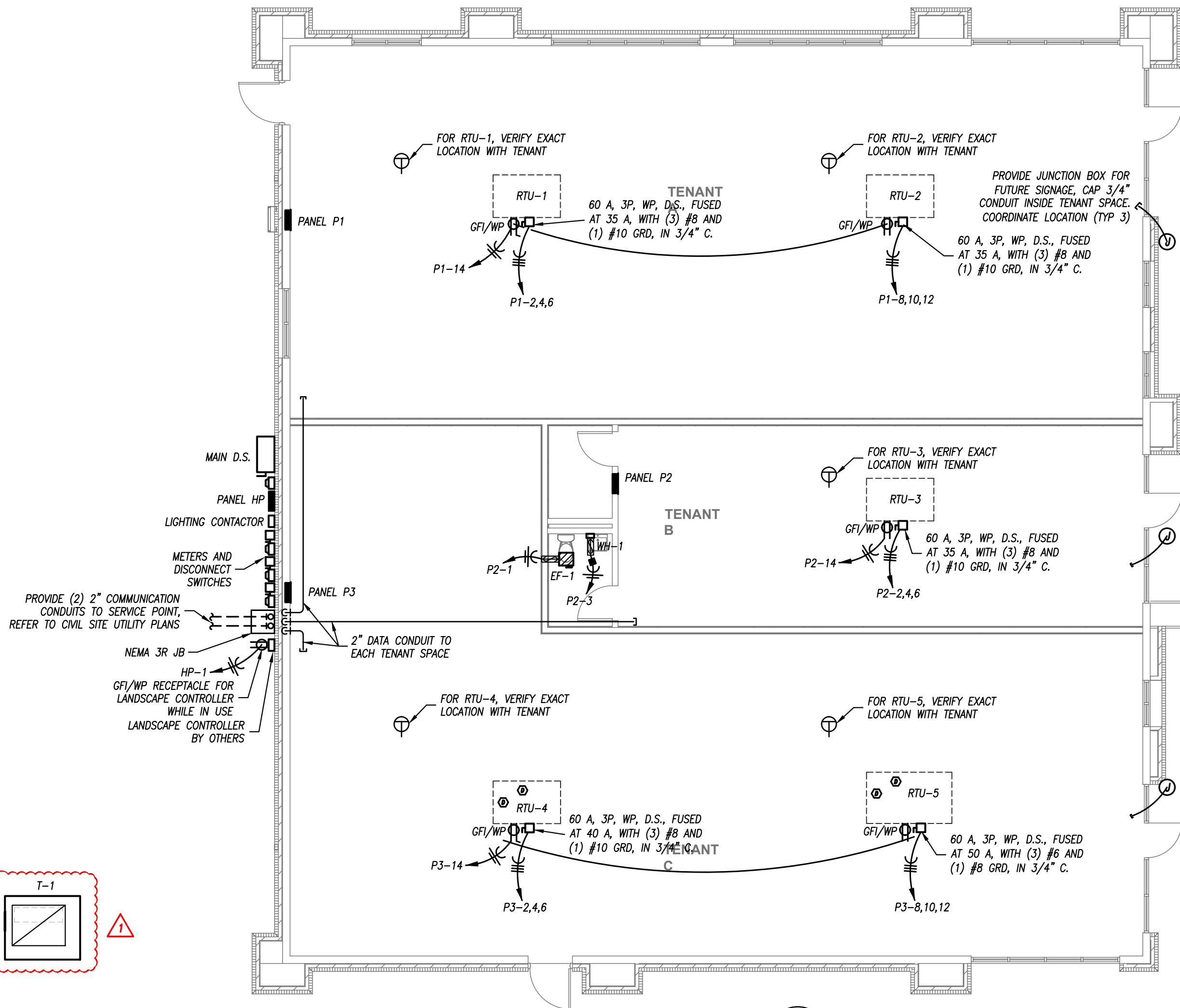
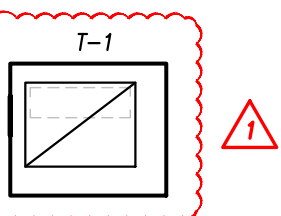
PANELBOARD SCHEDULE									
PANEL DESIGNATION HP	MAIN BUS AMPS: 100		VOLTAGE: 120/208V		MOUNTING: SURFACE		LOCATION: EXTERIOR		
	MAIN BREAKER: 100A		PHASE/WIRE: 3PH/4W				MINIMUM AIC: 22K		
	PANEL TYPE: NEMA 3R								
CIRCUIT DESCRIPTION		CKT. NO.	BKR. NO.	CKT. NO.	BKR. NO.	CKT. NO.	BKR. NO.	CIRCUIT DESCRIPTION	
IRRIGATION CONTROLLER		1	20	1	2	20	2	SITE LTG: PARKING LOT	
SPARE		1	20	3	4	-	-		
SPARE		1	20	5	6	20	2	SITE LTG: WALL MOUNTED	
SPARE		1	20	7	8	-	-		
SPARE		1	20	9	10	20	1	SITE LTG: CANOPIES	
SPARE		1	20	11	12	20	1	SPARE	
SPARE		1	20	13	14	20	1	SPARE	
SPARE		1	20	15	16	20	1	SPARE	
SPARE		1	20	17	18	20	1	SPARE	
SPARE		1	20	19	20	20	1	SPARE	
SPACE				21	22			SPACE	
SPACE				23	24			SPACE	
SPACE				25	26			SPACE	
SPACE				27	28			SPACE	
SPACE				29	30			SPACE	


ELECTRICAL RISER KEYED NOTES

- ① 200 AMP, 3 PH, NEMA 3R DISCONNECT SWITCH FUSED AT 200 AMP
- ② (4) #1 AND (1) #8 GRD. IN 1-1/2" C.
- ③ 1 SET OF (4) #3/0 AND (1) #6 GRD. IN 2-1/2" C.



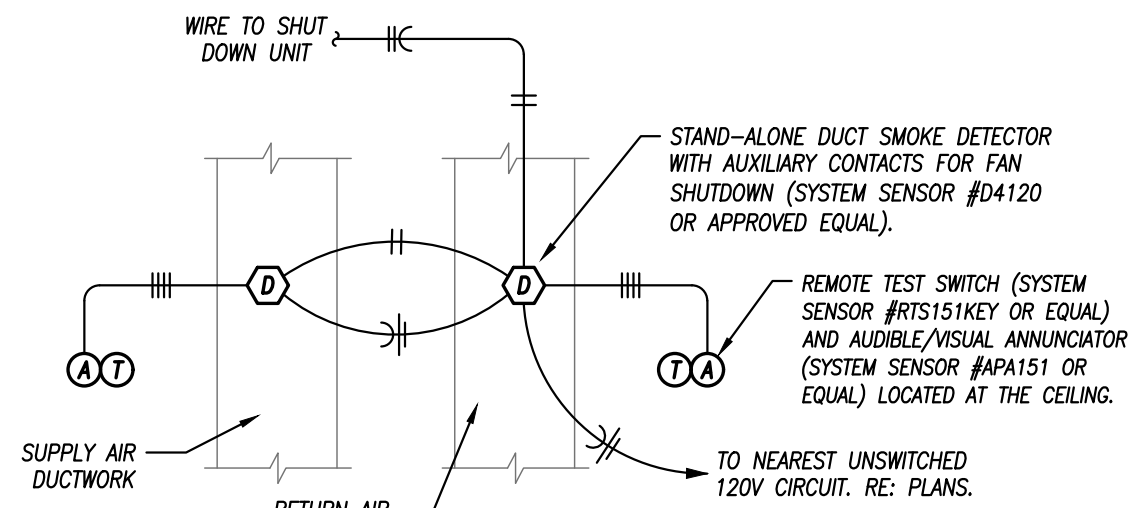
ACTION



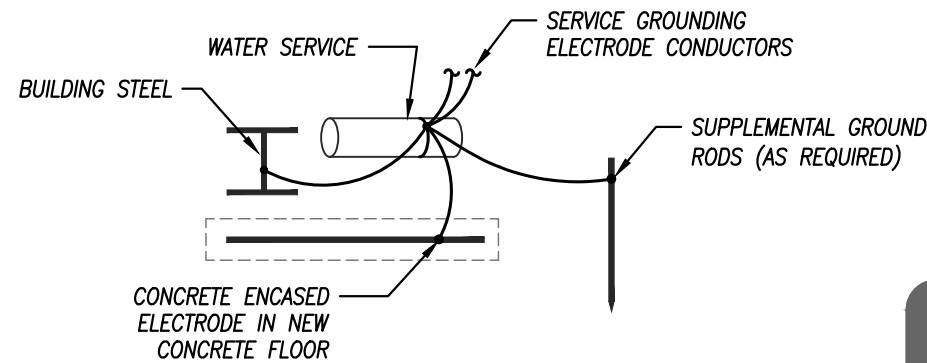
 **FLOOR PLAN - POWER**
SCALE: 1/8" = 1'-0"

1. THE PAD LOCATION SHALL BE APPROVED BY EVERY
2. TRANSFORMER SHALL BE INSTALLED NEAR THE CUSTOMER'S SERVICE ENTRANCE.
3. IF THE TRANSFORMER PAD IS INSTALLED IN AN AREA SUBJECT TO VEHICULAR TRAFFIC, THE INSTALLATION SHALL BE PROTECTED WITH A PIPE-RAIL GUARD.
4. FOR PROPER CLEARANCE AROUND THE TRANSFORMER, REFER TO EVERY STANDARDS.
5. CONTRACTOR SHALL EXTEND FORMS DOWN TO AT LEAST 3" BELOW AVERAGE GROUND LINE.
6. THE CONCRETE SHALL BE A MINIMUM OF 3,000 LB. MIX.
7. THE TOP OF THE TRANSFORMER PAD SHALL RECEIVE A SMOOTH FINISH. THE CORNERS AND EDGES SHALL BE ROUNDED OR BEVELED.
8. THE CONDUIT OPENING SHALL BE FREE AND CLEAR OF CONCRETE.
9. THE TOPS OF THE CONDUITS SHALL BE FLUSH WITH THE TOP OF THE CONCRETE PAD.

10. NUMBER OF CONDUITS NECESSARY IS DEPENDENT ON THE MAXIMUM NUMBER OF SERVICE CONDUITORS ALLOWED IN THE LOW-VOLTAGE COMPARTMENT OF THE TRANSFORMER. INSTALL 1" METERING CONDUIT TO METER ENCLOSURE WHEN TRANSFORMER METERING IS SET ON ADJACENT BUILDING OR STAND AND METERING TRANSFORMERS ARE IN THE PADMOUNT TRANSFORMER.

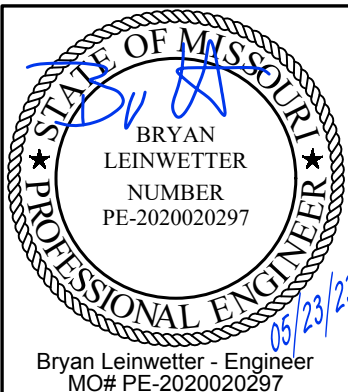


NOT TO SCALE



pkmr
ENGINEERS

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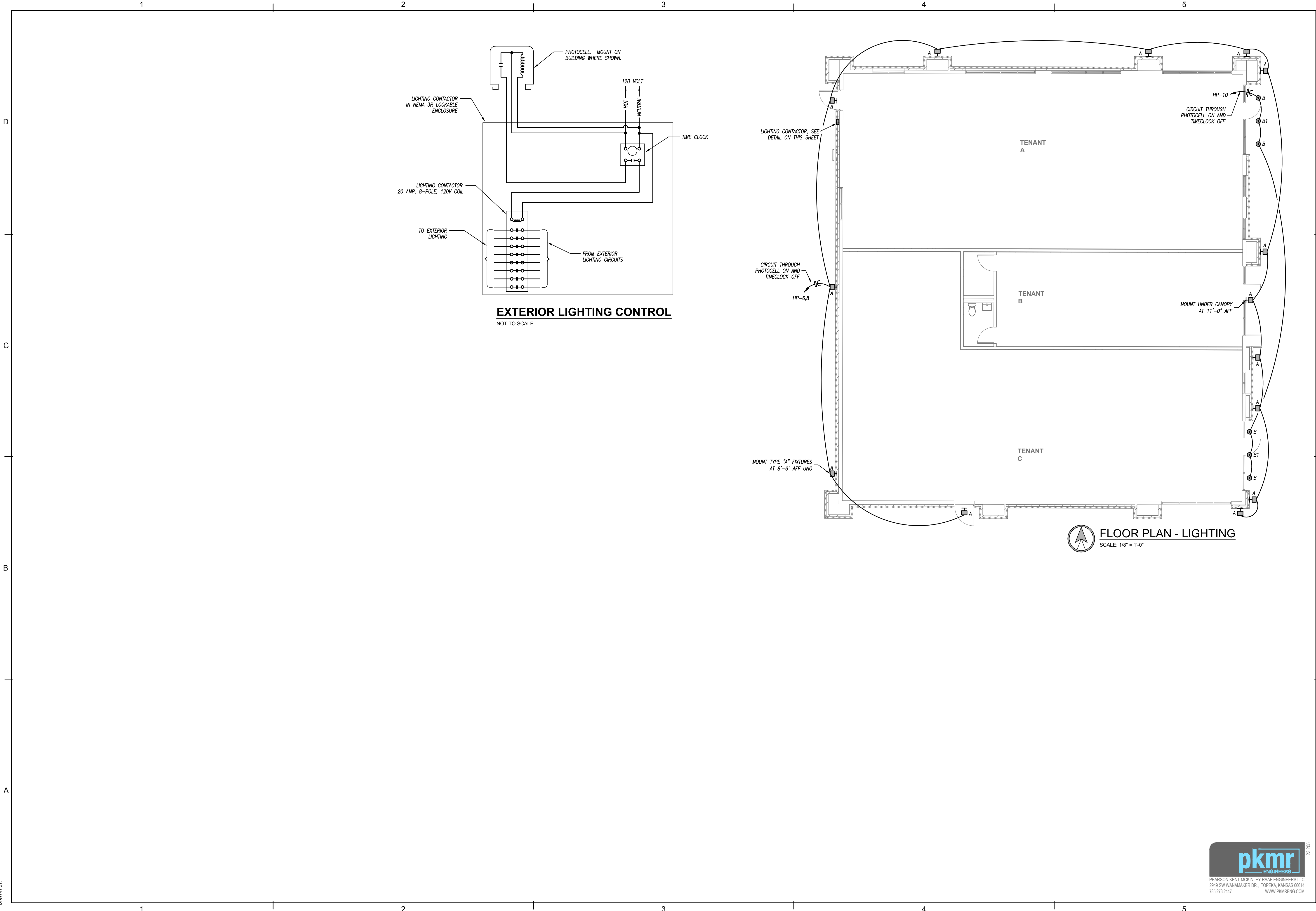
**CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 5
LEES SUMMIT, MISSOURI**

SUBMISSION DATES
MAY 23, 2023
JUNE 12, 2023-REV 1

SHEET TITLE
POWER FLOOR PLAN

PROJECT NUMBER
230117

SHEET NUMBER
E-101





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NUMBER
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Bryan Leinwetter - Engineer
MO# PE-2020020297

CORE & SHELL BUILDING
STREETS OF WEST PRYOR LOT 5
LEES SUMMIT, MISSOURI

SUBMISSION DATES
MAY 23, 2023
JUNE 12, 2023-REV 1

SHEET TITLE
LIGHTING FLOOR PLAN

PROJECT NUMBER
230117

SHEET NUMBER
E-201



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