

ADDENDUM #1

PROJECT: **JAMES RIVER POWER STATION UPGRADE 2023-12-14**

CITY UTILITIES OF SPRINGFIELD, MO



DATE: 01/24/24

General: This addendum shall be incorporated into the Contract Documents for the Project referenced above and does not relive responsibility for requirements in other areas of the construction documents except as herein specifically stated.

MECHANICAL ITEMS (DIVISIONS 21, 22, & 23)

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

None this addendum.

GENERAL CLARIFICATIONS

- 1. The exact location and routing of new 8" fire line shall be field determined by contractor and coordinated with City Utilities before installation. Coordinate all requirements for installation, patch, repair, etc with CU.
- 2. Provide new locking caps for fire department connection as noted per plans.

CHANGES TO THE DRAWINGS

Reference Sheet ME2"

- 1. The discharge manhole detail was revised for battery powered meter along with discharge and construction details added. The meter model was revised to battery powered unit. Provide meter specified or approved equal.
- 2. The waste line out of the gravity fed manhole was changed to 6" and main pipe revised to be 6" with cleanouts and end manhole omitted.
- 3. Above grade heat box power was revised to be powered from Maintenance building.

ELECTRICAL ITEMS (DIVISION 26)

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

None this addendum

GENERAL CLARIFICATIONS

None this addendum

CHANGES TO THE DRAWINGS

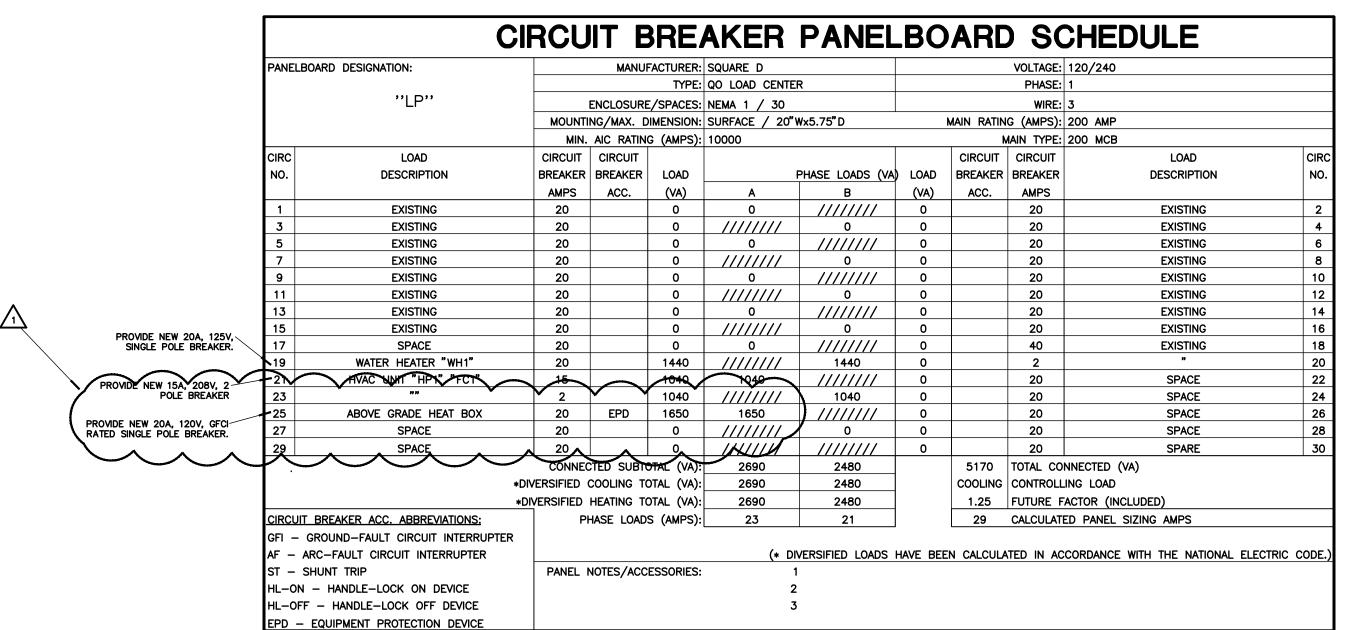
Reference E1, "Circuit Breaker Panelboard Schedule":

- 1. Power for the backflow heat box was revised to be powered from panel "LP". Provide new breaker as noted.
- 2. Provide conduit and wire for communication for meter and heated box per plans.

ATTACHMENTS

Sheet ME2, M1, and E1

END OF ADDENDUM NUMBER 1



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

LIGHTING FIXTURE SCHEDULE									
MARK	MFG.	CATALOG #	MTG.	FINISH		EQUIVALENT			
					TYPE	CODE		QTY	
Α	WILLIAMS	75R-4-L50/840-VBY2 -DRV-UNV	SUSP	WHITE	LED	4000K, 5000 LUM	IENS	1	Li
В	LUMARK	XTOR3B-PC1	WALL	BRONZE	LED	5000K, 2800 LUM	IENS	1	Li,WI
Х	WILLIAMS	EXIT/EM/LED-R-WH-RC -D-WETDRHL-D-HL	WALL	WHITE	LED	4000K, 5000 LUM	IENS	1	Li,HU
Ab - AAr - AAr - Ch CC - CD - CD - CD - CD - CD - CD -	EVIATIONS: ABOLITE ALKCO APPLETON ARCH AREA L CHLORIDE COAST LIGHT COLUMBIA CROUSE—HIND: DEVINE DUAL—LITE EDISON PRICE FAIL—SAFE	Hu - HUBBELL ING Hy - HYDREL ICE - ICE S In - INDALUX Ke - KENALL KIM - KIM	Le - LI - Ln - Lr - Lu - Ma - Me - MG - Nu - Pe -	- LITECONTROL - LEVITON - LITHONIA - LONG LIGHTS - LINEAR LIGHTIN - LIGHTOLIER - LUMARK - MARCO - METALUX - MCGRAW EDISON - NU-LITE - PEERLESS	Pg Pr PS Ro Sf Sp St St St Wi	- PRESCOLITE - PASS & SEYMOUR - ROBERTS - STAFF - SPAULDING - SPI - STERNER - SURE-LITES - SYLVAN - TIVOLI - WILLIAMS	SURF - GRD - TRK - CABL - MFG - QTY - FLR - INC -	RECE SURF GROU TRAC CABL MANU QUAN FLUC HIGH	ACE IND E E FACTURER IT I TY RESCENT IN DESCENT I I INTENSITY CHARGE

DISCONNECT SWITCH SCHEDULE											
MARK	LOAD			SWITCH			USE	ENCLOSURE	NOTES		
	EQUIPMENT SERVED	VOLTS	DUTY	AMP	POLE	AMP	TYPE	NEMA TYPE	NOTES		
DS1	"HP1"	208	GD	30	2	_	_	3R	_		

ABBREVIATIONS: GD — GENERAL DUTY HD — HEAVY DUTY SN - SOLID NEUTRAL

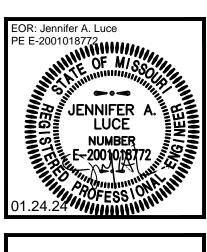
NOTES:

GENERAL ELECTRICAL NOTES:

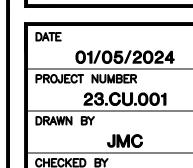
- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRIC CODE AS ADOPTED BY THE CITY OF SPRINGFIELD, MISSOURI.
- FOR ALL ELECTRICAL QUESTIONS ON THIS PROJECT, CONTACT RTM ENGINEERING CONSULTANTS AT (417) 881-0020. CONTACT: JAMES COUCH.
- CONTRACTOR SHALL SECURE AND PAY FOR NECESSARY MEP PERMITS AND CERTIFICATES OF INSPECTION REQUIRED BY GOVERNMENTAL ORDINANCES, LAWS, RULES, OR REGULATIONS.
- FINAL ACCEPTANCE OF WORK SHALL BE SUBJECT TO THE CONDITION THAT ALL SYSTEMS, EQUIPMENT, APPARATUS, AND APPLIANCES OPERATE SATISFACTORILY AS DESIGNED AND APPLIANCES OPERATE SATISFACTORILY AS DESIGNED AND INTENDED; WORK SHALL INCLUDE REQUIRED REPLACEMENT, ADJUSTMENT OF SYSTEMS AND CONTROL EQUIPMENT AND ALL REQUIRED PROGRAMMING INSTALLED. PROVIDE FOR ALL WORK INDICATED ON DRAWINGS OR AS REASONABLY IMPLIED. PROVIDE NECESSARY MATERIALS AND ACCESSORIES FOR THE INSTALLATION OF FIXTURES, EQUIPMENT, ETC AS REQUIRED FOR COMPLETE AND FUNCTIONAL OPERATION AS NOTED ON DRAWINGS OR IN NOTES DRAWINGS OR IN NOTES.
- ACCESS PANELS SHALL BE PROVIDED WHEREVER NECESSARY TO PROVIDE ACCESS TO VALVES, JUNCTION BOXES, ETC., LOCATED IN CONCEALED SPACES. PROVIDE COVER FOR ANY
- THE CONTRACTOR SHALL CONTACT THE OWNER AND COORDINATE ALL OUTAGES 5 DAYS PRIOR TO ANY SHUT-OFF OF SERVICES.
- THE CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING.
- PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. PROVIDE PULL BOXES AS REQUIRED TO PROPERLY INSTALL THE RACEWAYS AND CIRCUITS INDICATED.
- 10. WHERE DEMOLISHED ELECTRICAL DEVICES ARE PART OF A CIRCUIT THAT IS THRU-WIRED OR HAS ADDITIONAL DEVICES ON THE CIRCUIT THAT ARE TO REMAIN UNCHANGED, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE EXISTING CIRCUIT. ANY ADDITIONAL CONDUIT, WIRING, BOXES, ETC. NEEDED TO MODIFY THE EXISTING CIRCUIT TO MAINTAIN THE INTEGRITY ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE BASE BID.
- 1. EXISTING CONDITIONS ON THIS SET OF BID DOCUMENTS WERE TAKEN FROM EXISTING DRAWINGS, LIMITED SITE VISITS, AND VISUAL OBSERVATIONS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CHANGE ORDERS WILL NOT BE PAID DUE TO UNANTICIPATED CONDITIONS TO MEET INTENT OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING,
 PATCH, AND REPAIR OF ALL WALL AND FLOOR SYSTEMS AS
 REQUIRED DUE TO CONSTRUCTION WORK. MAINTAIN ALL FIRE
- 13. LIGHTING CONTROLS BY WATTSTOPPER, LUTRON, AND 4. PROVIDE CONDUCTORS FOR LISTED APPLICATIONS AS

INSULATED BUILDING CONDUCTOR.

- LIGHTING AND RECEPTACLE CIRCUITS: TYPE THHN, 600 VOLT, 75 DEGREE C (194 DEGREES F) THERMOPLASTIC
- 15. ALL WIRING SHALL BE CONCEALED IN ALL FINISHED SPACES.
 ALL WIRING SHALL BE IN EMT CONDUIT UNLESS OTHERWISE NOTED. SURFACE MOUNTED CONDUIT IS ACCEPTABLE ON EXISTING WALLS. FLEXIBLE CONDUIT SHALL BE ACCEPTABLE FOR CONNECTIONS TO LIGHT FIXTURES AND WHERE NEW DEVICES ARE INSTALLED IN EXISTING WALLS.
- 16. ALL RECEPTACLES SHALL BE AT 18" AFF UNLESS NOTED
- 17. DUPLEX RECEPTACLES SHALL BE HUBBELL MODEL 5352 20A, 125V, NEMA CONFIGURATION 5-20R WHITE DUPLEX RECEPTACLE WITH STAINLESS STEEL COVERPLATE TO MATCH
- 18. CONTRACTOR SHALL PROVIDE A MODIFIED CIRCUIT DIRECTORY FOR ANY PANELS WITH REVISIONS AS NOTED ON PLANS.
- 19. CONTRACTOR RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW DEVICES. REMOVE AND REPLACE DEVICES ON EXISTING WALL AS NEEDED FOR NEW FINISHES. PROVIDE EXTENSION RINGS WHERE REQUIRED.
- 20. CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.

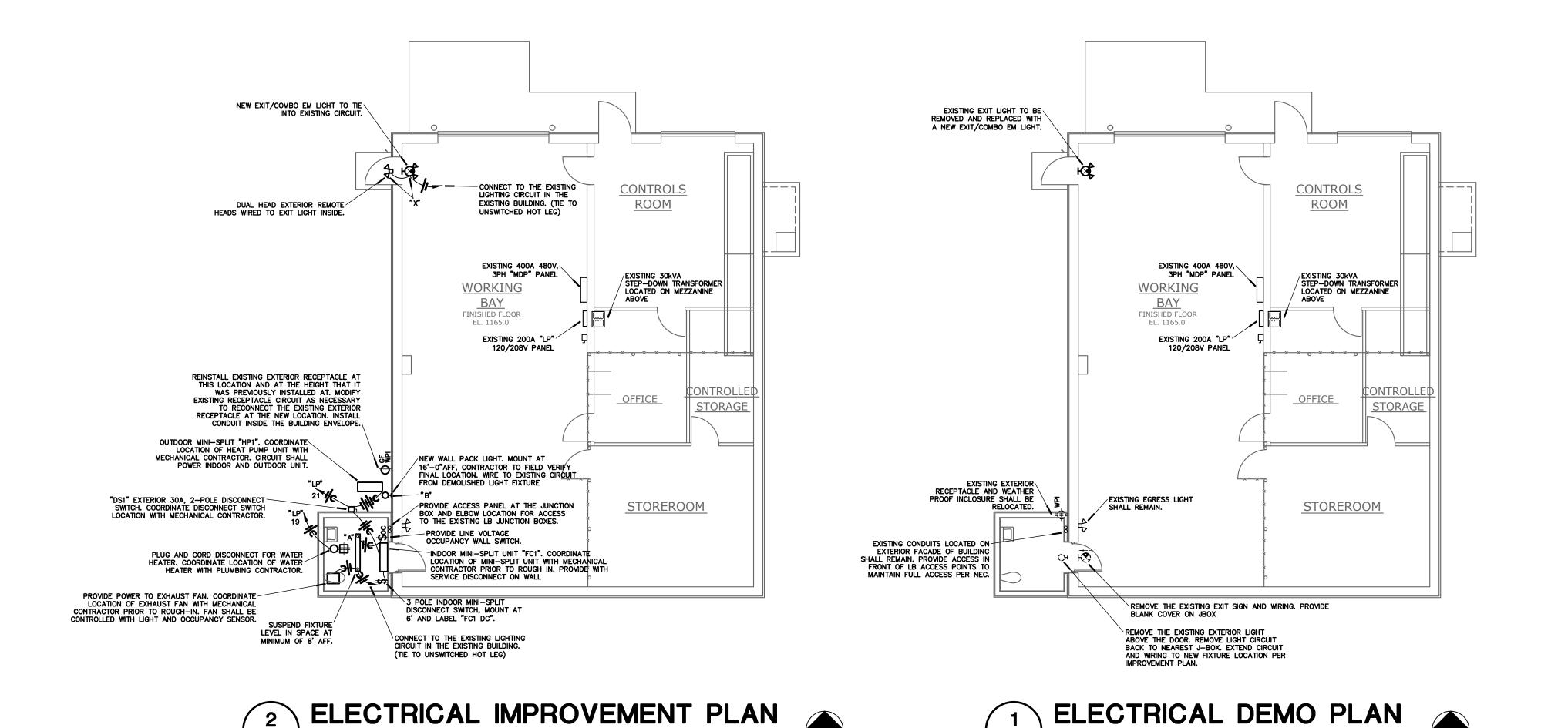






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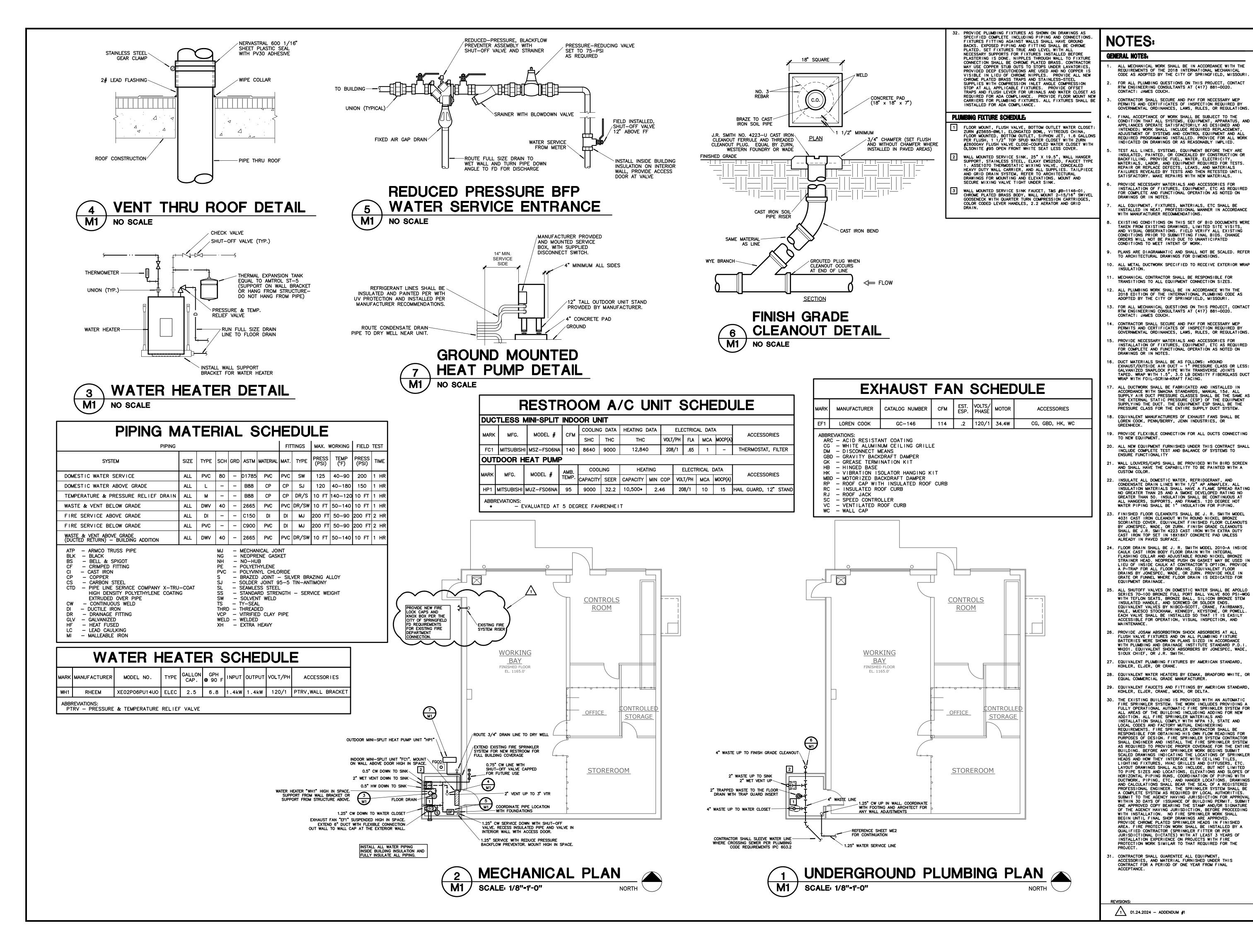


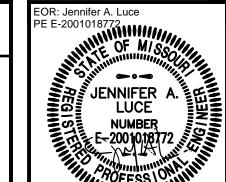
NORTH

E1 /

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

NORTH

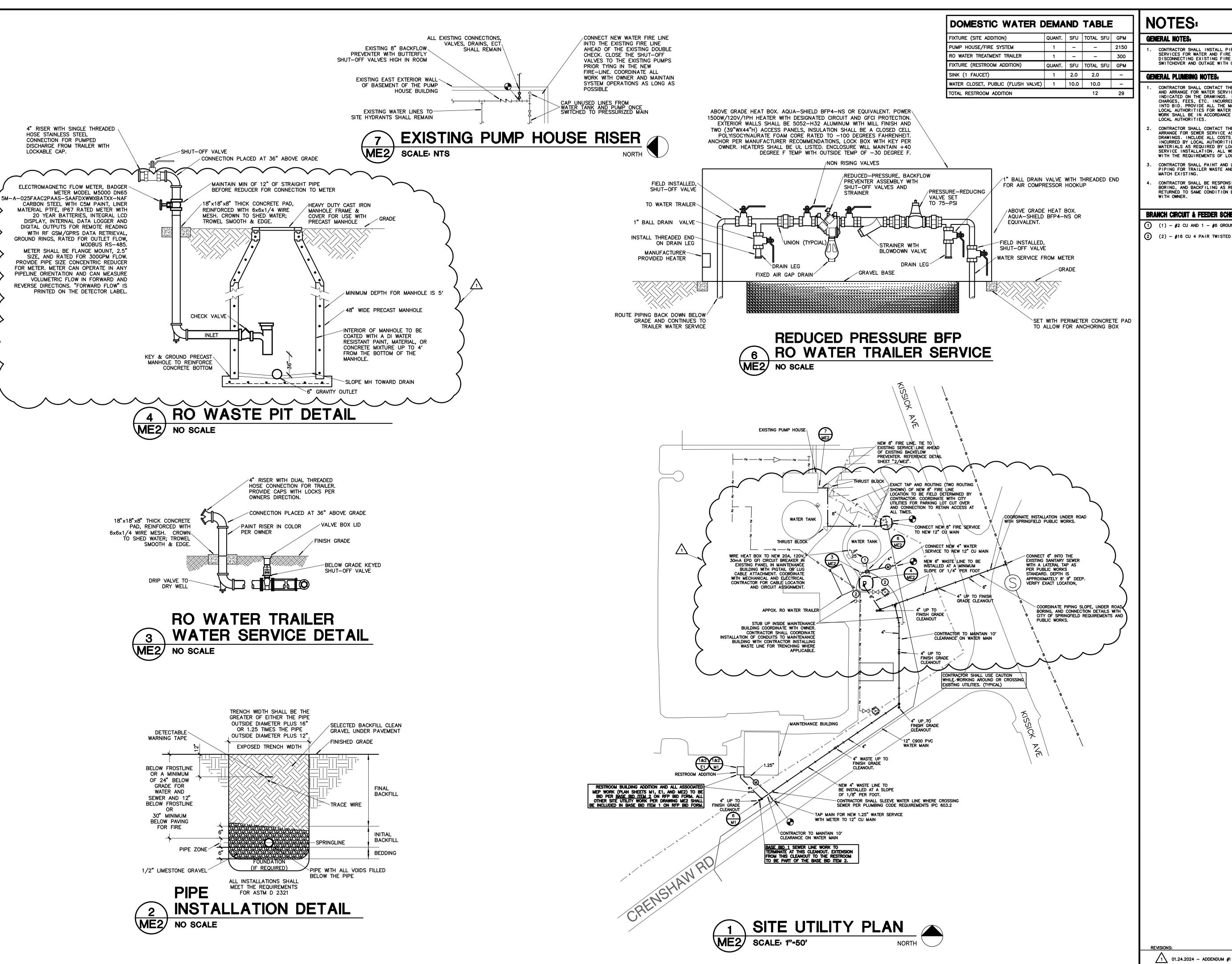




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01/05/2024 PROJECT NUMBER 23.CU.001 DRAWN BY ZM

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NOTES:

GENERAL NOTES:

CONTRACTOR SHALL INSTALL PIPING, VALVES, AND UTILITY SERVICES FOR WATER AND FIRE SERVICE BEFORE DISCONNECTING EXISTING FIRE WATER SUPPLY. COORDINATE SWITCHOVER AND OUTAGE WITH OWNER AND FIRE DEPARTMENT

CONTRACTOR SHALL CONTACT THE LOCAL WATER DEPARTMENT AND ARRANGE FOR WATER SERVICE AND FIRE SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS,
CHARGES, FEES, ETC. INCURRED BY LOCAL AUTHORITIES
INTO BID. PROVIDE ALL THE MATERIALS AS REQUIRED BY
LOCAL AUTHORITIES FOR WATER SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.

- CONTRACTOR SHALL CONTACT THE LOCAL AUTHORITIES AND ARRANGE FOR SEWER SERVICE AS INDICATED ON THE DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY LOCAL AUTHORITIES INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOA AUTHORITIES FOR SEWER SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.
- CONTRACTOR SHALL PAINT AND LABEL ALL NEW EXPOSED PIPING FOR TRAILER WASTE AND WATER CONNECTIONS TO
- CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING, BORING, AND BACKFILING AS REQUIRED. GRADE SHALL BE RETURNED TO SAME CONDITION BEFORE WORK. COORDINATE

Branch Circuit & Feeder Schedule:

(1) (1) - #2 CU AND 1 - #6 GROUND IN 1.5" CONDUIT

(2) - #16 CU 4 PAIR TWISTED SHIELDED WIRE IN 0.5" CONDU

JENNIFER LUCE NUMBER E-2001/0/1/8772

POWER PRINGI E S



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ME2

SHEET NUMBER