

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Upgrade Electrical and Restrooms, Grandstands
Missouri State Fairgrounds
Sedalia, Missouri
PROJECT NO. F2304-01**

Bid Opening Date is: 1:30 PM, Thursday, March 14th, 2024 (Not Changed)

Bidders are hereby informed that the Construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 075323, EPDM Roofing
 - a. Change paragraph 2.1-A-3 to the read: Exposed Face Color: Black

DRAWING GHANGES:

1. E-501
 - a. Please see the attached revised E-501 with an additional keynote and revised primary conduit tag,
2. E-502
 - a. Please see the attached revised E-502 with the addition of a detail for "Fixture (F2) detail
3. P-101
 - a. Please see the attached revised P-101 for changes to general plumbing notes, revised plumbing schedule, and the addition of a hose bib to the Phase 1 bathrooms.

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held February 29th, 2024 followed by a walk-through of the site. The Pre-Bid Meeting sign-in sheet is attached.
2. Bidders needing additional site inspection should contact Justin Anderson at 660-317-8740 or Jason Moore at 660-281-6333 to schedule a time.
3. Please contact April Howser, Contract Specialist, at 573-751-0053 or april.howser@oa.mo.gov, for questions about bidding procedures and MBE\WBE\SDVE goals and submittal requirements.
4. The deadline for technical questions is noon March 6th, 2024.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Planholders list available online at: <https://www.oafmdcplanroom.com/jobs/2307/plan-holders/f2304-01-upgrade-electrical-restrooms-grandstands-missouri-state-fairgrounds>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.

ATTACHMENTS:

1. Pre-bid Sign in Sheet
2. Revised Sheet E-501
3. Revised Sheet E-502
4. Revised Sheet P-101

END ADDENDUM NO. 1

Pre-Bid Meeting Attendance Sheet
Upgrade Electrical and Restrooms, Grandstands
Missouri State Fairgrounds (MSF)
Sedalia, MO

Project No. **F2304-01**
 February 29, 2024 – 10:00am

Name & Title	Company Name & Type of Contracting	MBE/WBE/SDVE Status	Phone	E-Mail Address of Attendee & E-Mail Address of Individual filling out Bid Documents
Jared Cook	OAFMDC		573-690-6733	Jared.cook2@oa.mo.gov
<i>DC</i> Dustin Cooper	OAFMDC		573-751-0711	dustin.cooper@oa.mo.gov
<i>JM</i> Jason Moore	MSF/MDA			Jason.moore@mda.mo.gov
<i>JA</i> Justin Anderson	MSF/MDA			Justin.anderson@mda.mo.gov
Aaron Kennedy	Robert Rollings Architects			Aaron@rollingsarchitects.com
<i>DR</i> David Rosemann	<i>Rosemann Construction LLC</i>		<i>573-465-1444</i>	<i>drosemann7@gmail.com</i>

Pre-Bid Meeting Attendance Sheet
Upgrade Electrical and Restrooms, Grandstands
Missouri State Fairgrounds (MSF)
Sedalia, MO

Project No. F2304-01
February 29, 2024 – 10:00am

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
John Hunter Estimator Brett Finkle	Westport Construction GC		660-885-2231 660-885-2231	Westport@wccmo.com

Pre-Bid Meeting Attendance Sheet
Upgrade Electrical and Restrooms, Grandstands
Missouri State Fairgrounds (MSF)
 Sedalia, MO

Project No. **F2304-01**
 February 29, 2024 – 10:00am

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
STAWN NOLAND PM	DIAMOND CONTRACTORS		816 985-6882	Shawnoland@diamondcontractors.com
Matt Fifer	Weathercraft Inc Roofing		5736350141	mf@wcraftg.com
LEAN BAUER	RAD A. BAUER Construction		573-489- 4470	rhad-bauer@yahoo.com
Brad Roane	Brown and Root		573 253 0454	brad.roane@brownroot.com
Greg Ford PM/Estimator	Reinhold Electric		314 214 0426	gford@reinholdelectric.com

Pre-Bid Meeting Attendance Sheet
Upgrade Electrical and Restrooms, Grandstands
Missouri State Fairgrounds (MSF)
Sedalia, MO

Project No. F2304-01
February 29, 2024 – 10:00am

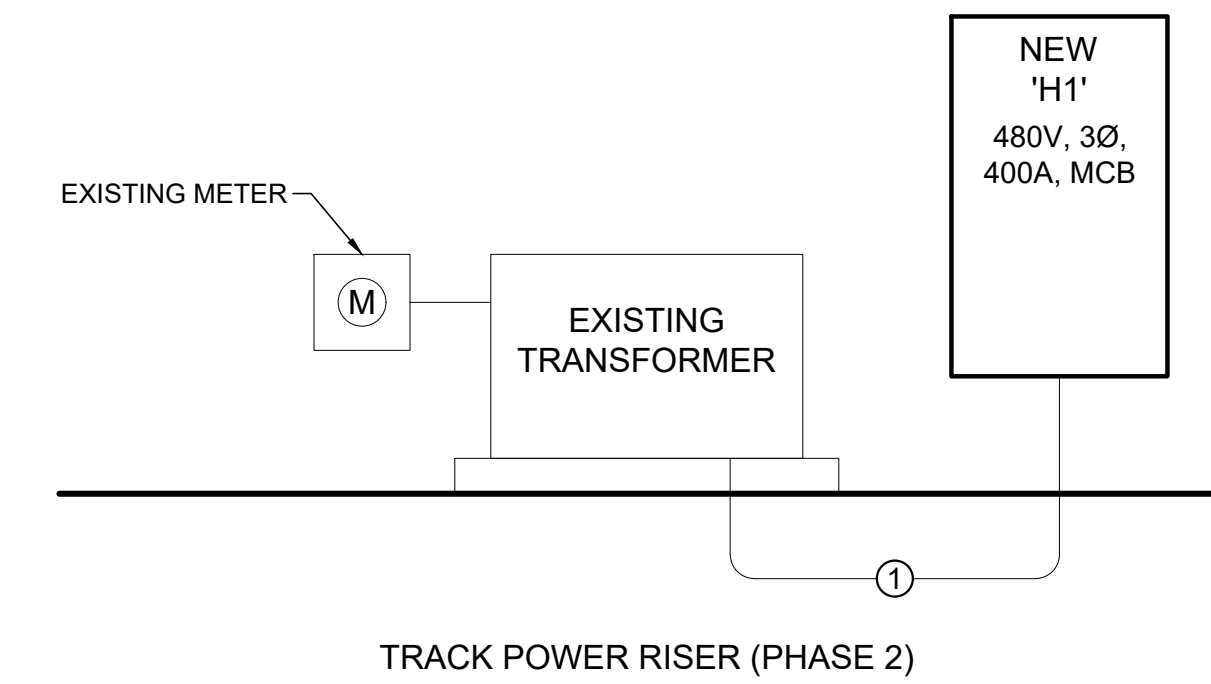
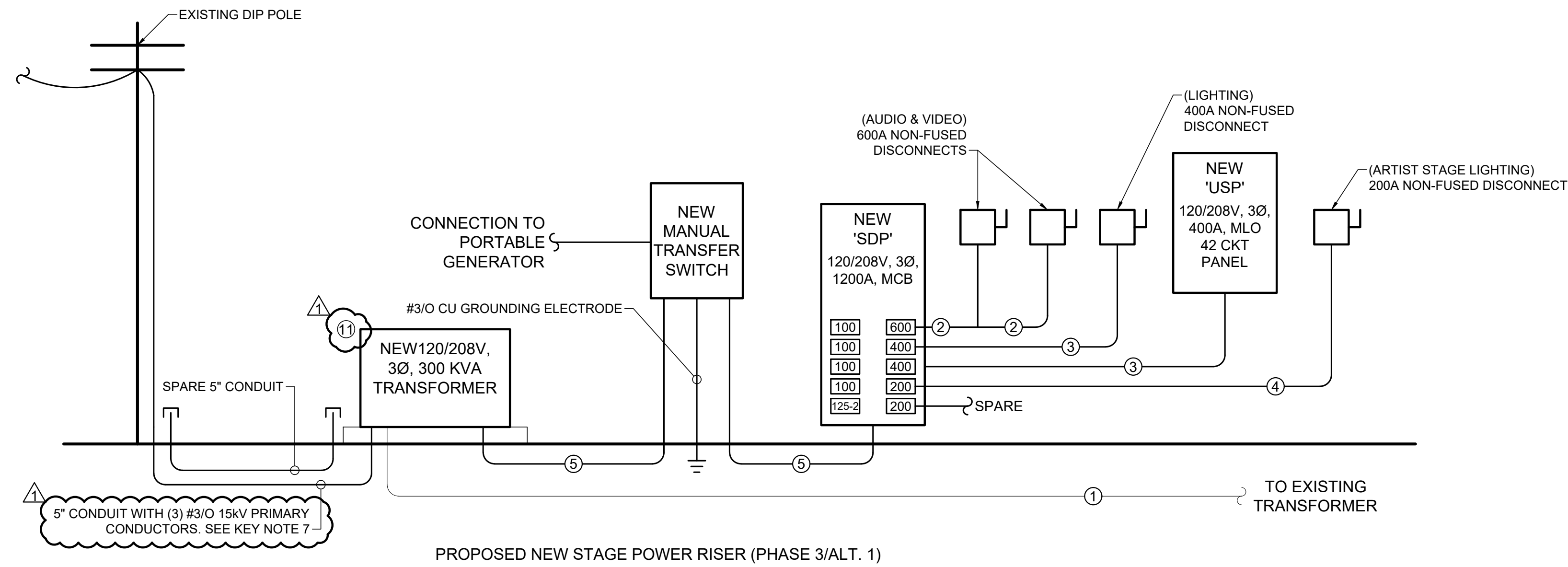
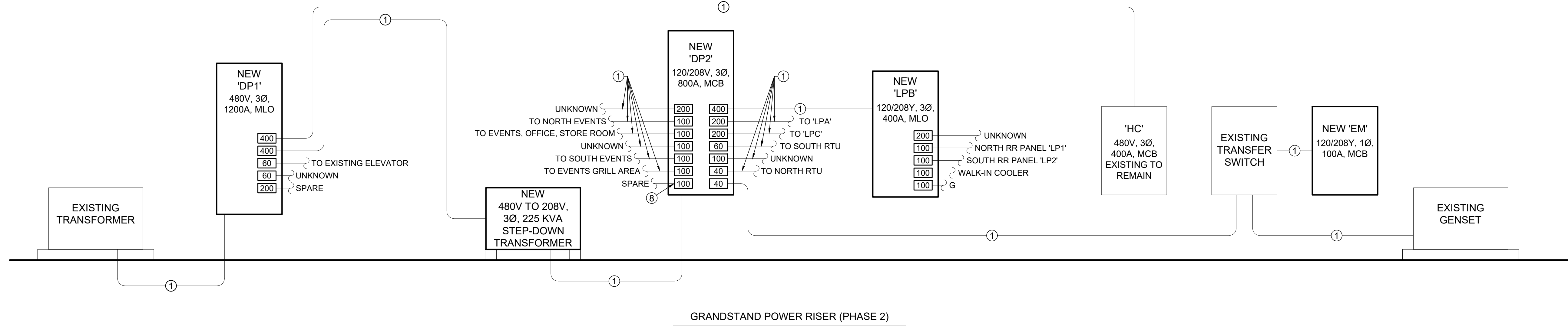
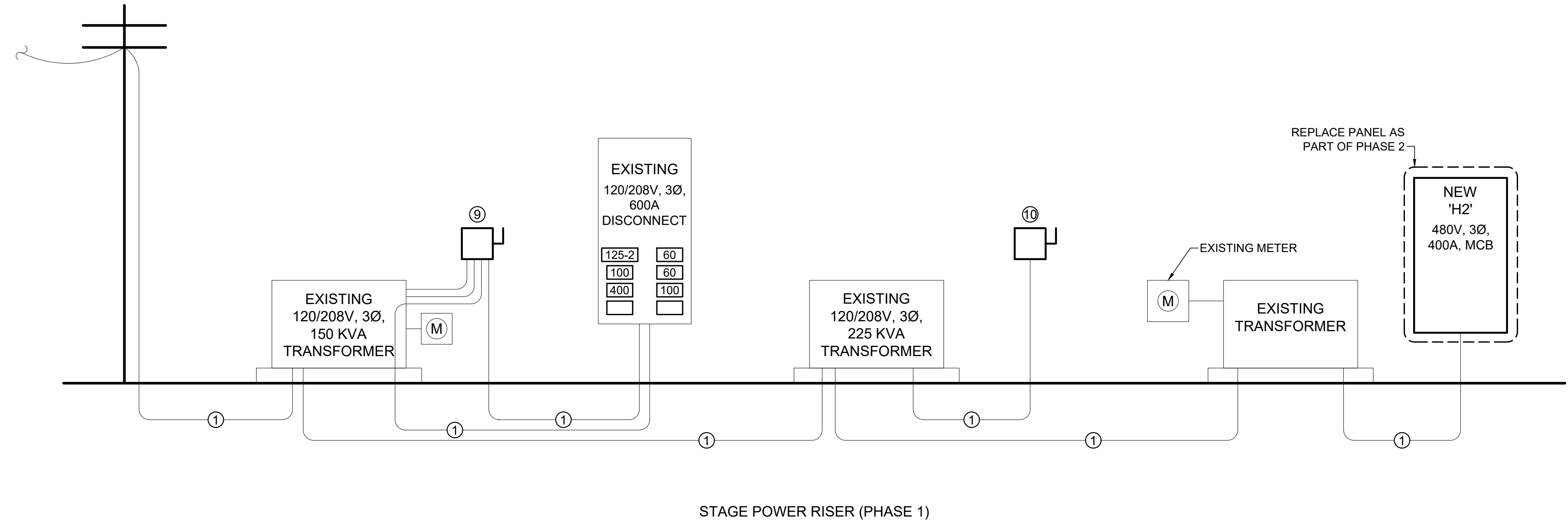
Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
Keaton Leisinger	J-Squared Eng.		573-607-4751	Keaton@j-squaredeng.com

POWER RISER GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR ANY CONDUIT & CONDUCTOR MODIFICATIONS & EXTENSIONS NECESSARY FOR A FULLY FUNCTIONAL ELECTRIC SYSTEM.
2. CONTRACTOR SHALL INCLUDE IN BID 1,000 FT OF #12 THHN, #10 THHN, AND #8 THHN.
3. CONTRACTOR SHALL ALSO INCLUDE IN BID 100 FT OF ¾" AND 1" CONDUIT.
4. CONTRACTOR SHALL PROVIDE UNIT PRICE PER FOOT FOR #12 THHN, #10 THHN, AND #8 THHN IN ¾" OR 1" CONDUIT.

POWER RISER KEY NOTES:

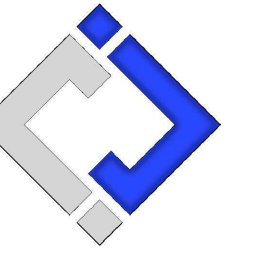
1. EXISTING CONDUIT & CONDUCTORS TO REMAIN.
2. (2) 4" CONDUITS, EACH WITH (4) #350 CU & (1) #1 CU GRD.
3. 4" CONDUITS WITH (4) #500 CU & (1) #3 CU GRD.
4. 2 ½" CONDUITS WITH (4) #3/O CU & (1) #6 CU GRD.
5. (4) 4" CONDUITS WITH (4) #350 CU & (1) #3/O CU GRD.
6. (2) 4" CONDUITS WITH (4) #500 CU & (1) #2/O CU GRD.
7. PRIMARY CONDUCTORS SHALL MEET THE FOLLOWING SPECIFICATIONS. 3/O URD CABLE, CLASS B STRAND, WITH A WATER BLOCKING STRAND FILLER TO SEAL AND FILL THE SPACE BETWEEN THE STRANDS, TO HAVE AN EXTENDED THERMO SETTING SEMI CONDUCTING CONDUCTOR SHIELD WHICH IS FREE STRIPPING FROM THE CONDUCTOR AND BONDED TO THE INSULATION, 220 MIL TREE RETARDANT UCC4202 OR BOREALIS 4212 INSULATION, EXTRUDED THERMOSETTING SEMI CONDUCTING INSULATION WITH CONTROLLED ADHESION TO THE INSULATION HAVING A REDUCED CONCENTRIC NEUTRAL OF 11-14AWG. BARE COPPER NEUTRAL WIRES & OVERALL ENCAPSULATING JACKET OF LINEAR LOW DENSITY POLYETHYLENE EXTRUDED TO FILL IN THE SPACE BETWEEN NEUTRAL WIRES. JACKET MUST BE FREE STRIPPING FROM THE UNDERLYING INSULATION SHIELD. CABLE TO BE TANDEM EXTRUDED & DRY CURED. CABLE TO BE CONSTRUCTED PER ICEA S-94-649, ICEA S-97-682 AND AEC CS8.
8. FORMERLY POWER FOR HANGING ANNOUNCER BOOTH PANEL.
9. REPLACE EXISTING DISCONNECT WITH NEW 600A, 120/208Y, 3Ø, NEMA 3R, DOUBLE THROW DISCONNECT FOR STAND BY GENERATOR CONNECTION.
10. REPLACE EXISTING DISCONNECT WITH NEW 800A, 120/208Y, 3Ø, NEMA 3R, DOUBLE THROW DISCONNECT FOR STANDBY GENERATOR CONNECTION.
11. TRANSFORMER PRIMARY VOLTAGE 12470 GRD Y/ 7200.



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680



1806 West Broadway Boulevard
Sedalia, MO 65301
660.829.9751



J-SQUARED
ENGINEERING
2400 BLUFF CREEK DR, STE. 101
COLUMBIA, MO 65203
573.234.4492

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1.
Columbia, Missouri 65202
(573) 447-0292
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151304

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT DESIGN AND
CONSTRUCTION

UPGRADE ELECTRICAL AND
RESTROOMS, GRANDSTAND
MISSOURI STATE
FAIRGROUNDS
2503 W. 16TH ST.
SEDALIA, MO 65301

PROJECT # T2304-01
SITE # 1501
ASSET # 3511501018

REVISION: ADDENDUM #1
DATE: 03 / 04 / 2024

REVISION: _____
DATE: _____

REVISION: _____
DATE: _____

ISSUE DATE: 11/29/2023
BID DOCUMENTS

CAD DWG FILE: F2304-01-E-DT-26.dwg
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

ELECTRICAL
DETAILS

SHEET NUMBER:

E-501

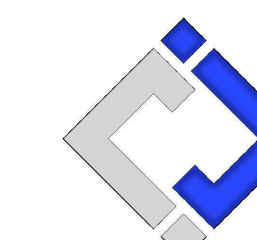
SHEET OF 30



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680



1806 West Broadway Boulevard
Sedalia, MO 65301
660.829.9751



J-SQUARED
ENGINEERING
2400 BLUFF CREEK DR. STE. 101
COLUMBIA, MO 65203
573.234.4492

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1.
Columbia, Missouri 65202
(573) 447-0292
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151304

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT DESIGN AND
CONSTRUCTION

UPGRADE ELECTRICAL AND
RESTROOMS, GRANDSTAND
MISSOURI STATE
FAIRGROUNDS
2503 W. 16TH ST.
SEDALIA, MO 65301

PROJECT # T2304-01
SITE # 1501
ASSET # 3511501018

REVISION: ADDENDUM #1
DATE: 03 / 04 / 2024

REVISION: _____
DATE: _____

REVISION: _____
DATE: _____

ISSUE DATE: 11/29/2023
BID DOCUMENTS

CAD DWG FILE: F2304-01-E-DT-27.dwg
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

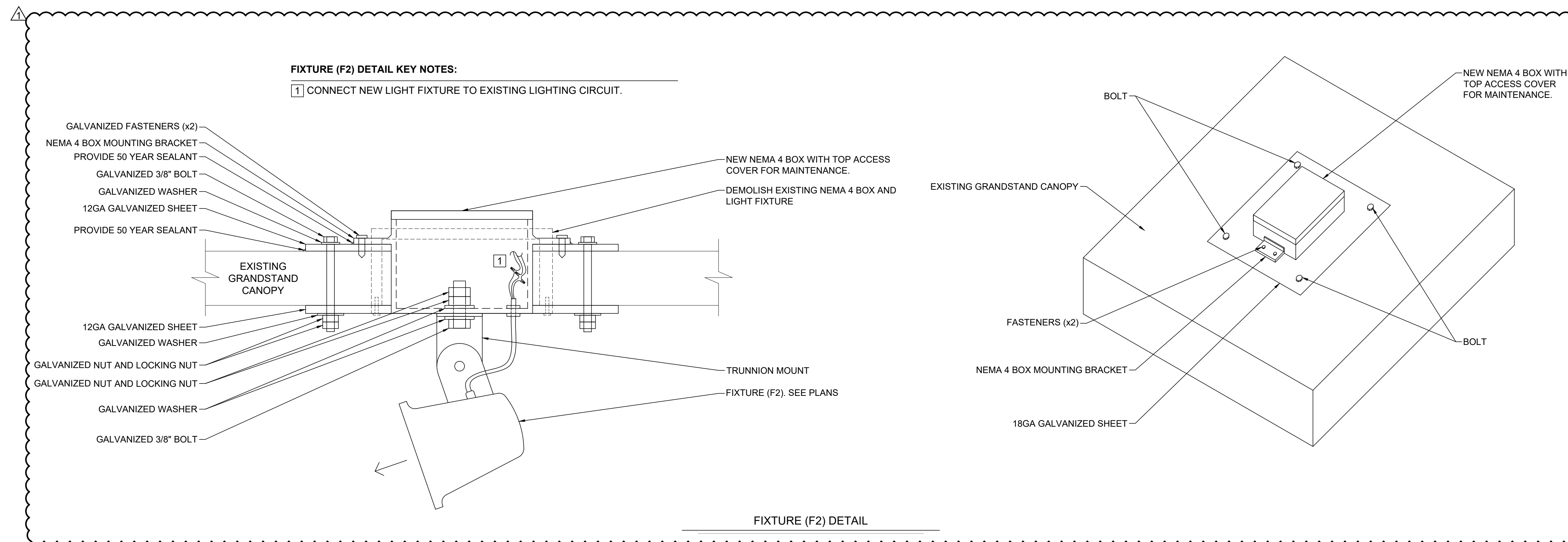
SHEET TITLE:

ELECTRICAL
DETAILS

SHEET NUMBER:

E-502

SHEET OF 30

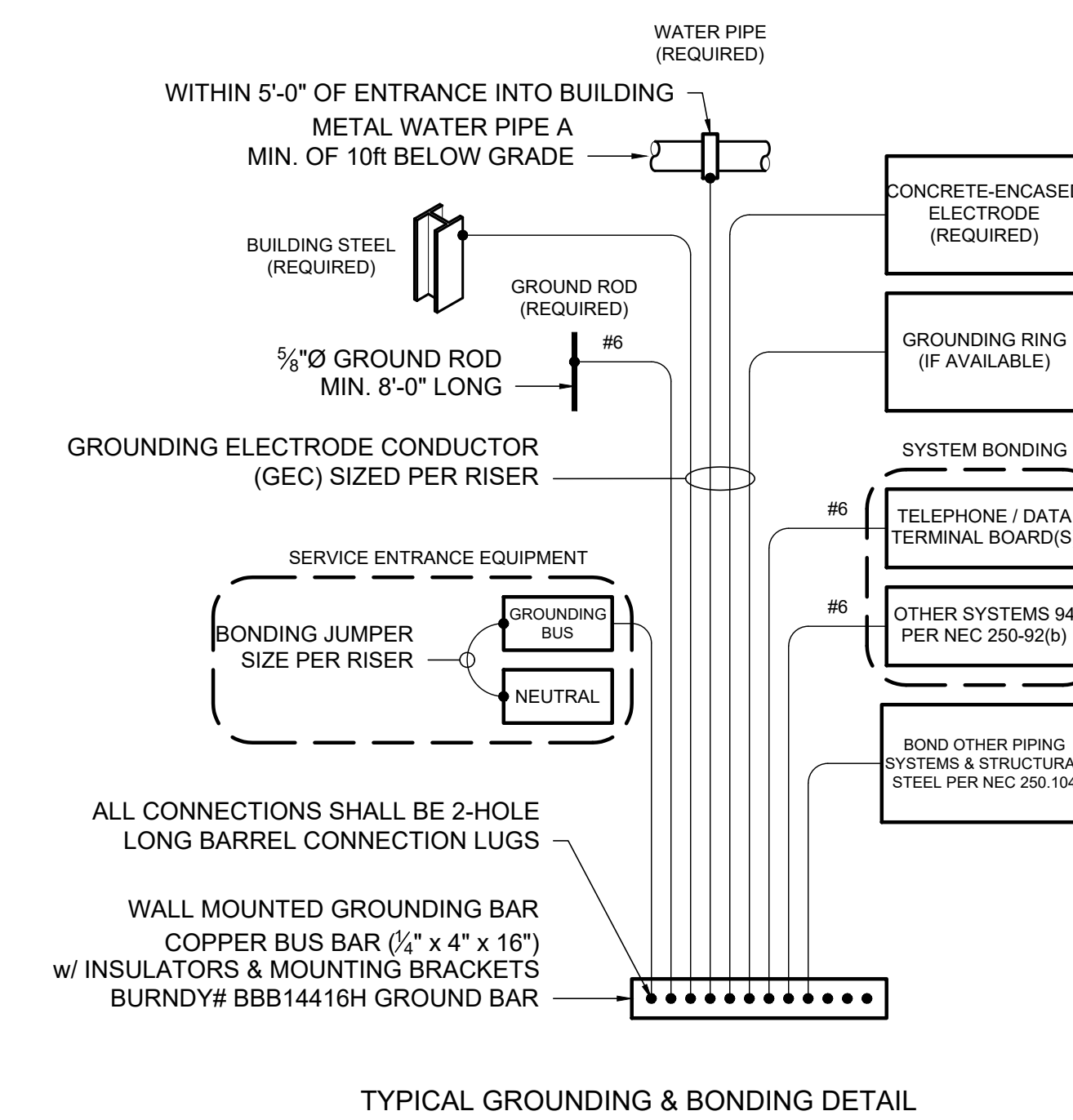
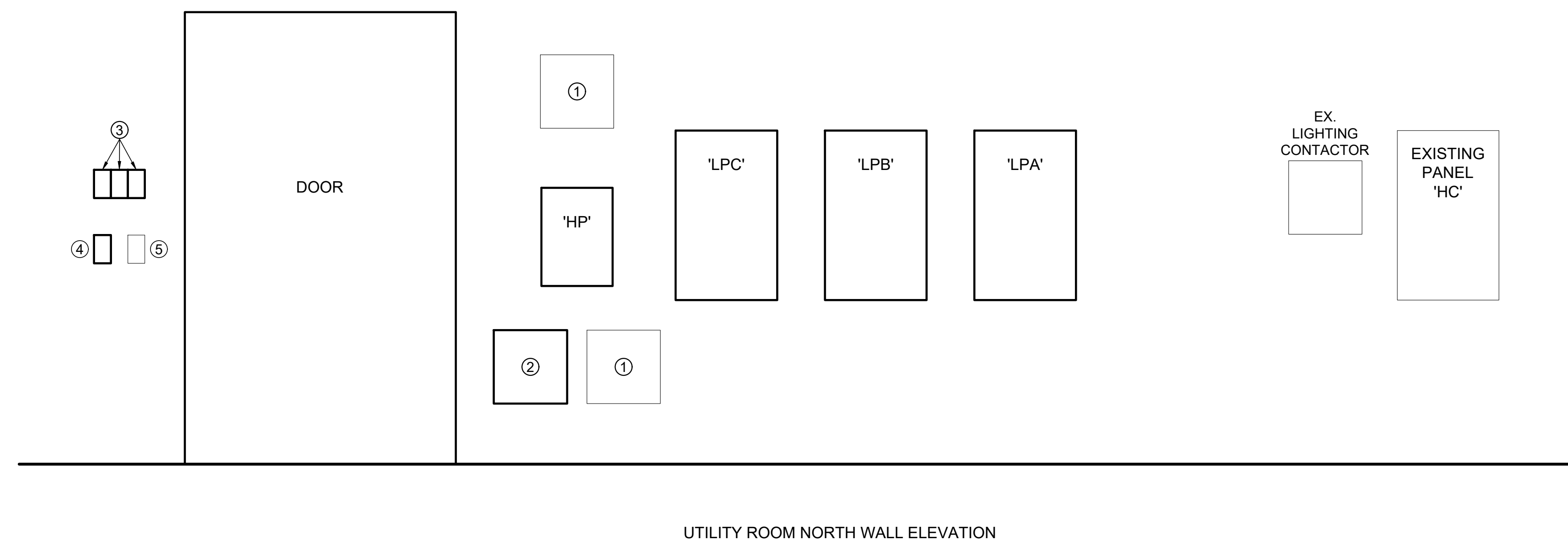


LIGHT FIXTURE SCHEDULE										
TAG	MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	DESCRIPTION	MOUNTING	LUMEN OUTPUT	CCT (°K)	CRI	VOLTS	WATTS	NOTES
C1	LUMARK	RPGC25S-POSITION 0	EXTERIOR LED AREA LIGHT	SURFACE	7800	4000	70	120	63	1
E1	LUMARK	NFFLD-S-C15-UNV-66-KNC-CB	LED FLOODLIGHT	KNUCKLE MOUNT	5700	4000	70	120	51	1
E2	LUMARK	NFFLD-S-C15-UNV-66-KNC-WH	LED FLOODLIGHT	KNUCKLE MOUNT	5700	4000	70	120	51	1
E3	MULE	CWL-1-R-WH WITH R-ASRLED-2-WP	EXTERIOR EXIT LIGHT WITH HEADS WITH EXTERIOR REMOTE HEAD	WALL / CEILING	-	-	-	UNV	5	1,2
E4	RPLIGHTING	REL20	EXTERIOR EGRESS LIGHT	WALL	-	-	-	UNV	1	1
F1	LUMARK	NFFLD-S-C15-UNV-66-KNC-WH	LED FLOODLIGHT	KNUCKLE MOUNT	5700	4000	70	120	51	1
F2	LUMARK	NFFLD-S-C15-UNV-66-T-WH	LED FLOODLIGHT	SEE NOTES	5700	4000	70	120	51	1,3
R1	LUMARK	RPGC25S-POSITION 1	EXTERIOR LED AREA LIGHT	SURFACE	7800	4000	70	120	50	1
S1	FAIL-SAFE	4APVTL-D-SL3C3	4' VAPOR TIGHT LED STRIP	SURFACE	5900	3500	80	120	46	1
S2	FAIL-SAFE	4APVTL-D-SL3C3	4' VAPOR TIGHT LED STRIP	WALL ABOVE MIRROR	5900	3500	80	120	46	1
S3	FAIL-SAFE	8APVTL-D-SL3C3	8' VAPOR TIGHT LED STRIP	SURFACE	8700	3500	80	120	60	1
S4	METALUX	2SNX-SL3-UNV-L835-CD1-U	2' LED STRIP LIGHT	SURFACE	2000	3500	80	120	14	1,4
SC1	HALO	CTKR2B-SR-CARETAKER	EXTERIOR LED AREA LIGHT	SURFACE	7000	4000	70	120	50	1
W1	LUMARK	XTOR1B-W	EXTERIOR LED WALL PACK	WALL	1400	4000	70	120	12	1

NOTES:
1. VERIFY LIGHT FIXTURE FINISHES WITH OWNER / ARCHITECT PRIOR TO INSTALLATION
2. WITH RED LETTERS
3. CONTRACTOR TO PROVIDE CUSTOM FABRICATED BOX WITH F2 FIXTURE MOUNTED ON IT. SEE FIXTURE F2 DETAIL.
4. SELECTABLE LIGHT FIXTURE. CONTRACTOR TO SET FIXTURE TO VALUES REFLECTED ON THE LIGHTING SCHEDULE.

UTILITY ROOM NORTH WALL ELEVATION KEY NOTES:

- 1 RELOCATED EXISTING LIGHTING CONTACTOR
- 2 NEW LIGHTING CONTACTOR TO CONTROL CIRCUITS LPC-9, LPC-11, LPC-13.
- 3 NEW OR RELOCATED LIGHTING CONTACTOR CONTROL SWITCHES. PERMANENTLY LABEL SWITCH WITH AREA WHERE LIGHTS ARE LOCATED.
- 4 RELOCATED EMERGENCY LIGHT SWITCH.
- 5 EXISTING UTILITY ROOM LIGHT SWITCH.



PLUMBING PLANS SYMBOL LEGEND

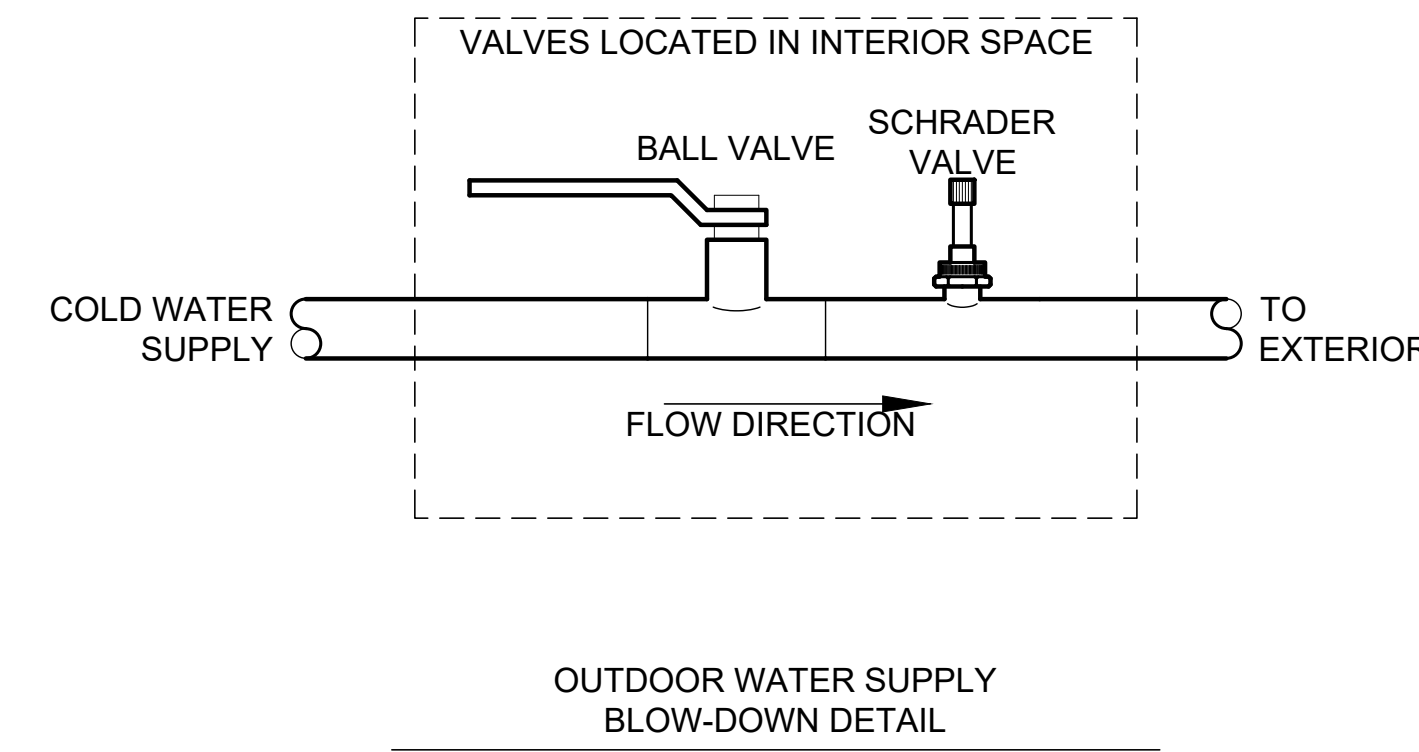
- SANITARY SEWER PIPING
- VENT PIPING
- COLD WATER PIPING
- o--- PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

PLUMBING PLAN GENERAL NOTES:

1. PLUMBING SYSTEM TO BE INSTALLED FOR WINTERIZATION. CONTRACTOR SHALL INSTALL LOW POINT DRAINS ON COLD WATER PIPING.
2. DOMESTIC WATER LINES WITHIN RESTROOM SHALL BE SURFACE MOUNT & HELD TIGHT TO WALLS & ROOF UNLESS OTHERWISE NOTED. DOMESTIC WATER LINES AND VENT PIPE IN CHASE SHALL BE HELD TIGHT TO WALLS AND ROOF TO ALLOW ACCESS IN CHASE.

PLUMBING PLAN KEY NOTES:

- ① RECONNECT NEW PLUMBING FIXTURE TO EXISTING CW, HW, & SANITARY CONNECTIONS.
- ② RECONNECT NEW VENT PIPING TO EXISTING VENT CONNECTION AT FLOOR.
- ③ PROVIDE NEW SANITARY CONNECTION INTO EXISTING SANITARY LINE IN PIPE CHASE.
- ④ PROVIDE BALL VALVE & SCHRADER VALVE FOR WINTERIZATION. SEE OUTDOOR WATER SUPPLY BLOW-DOWN DETAIL.

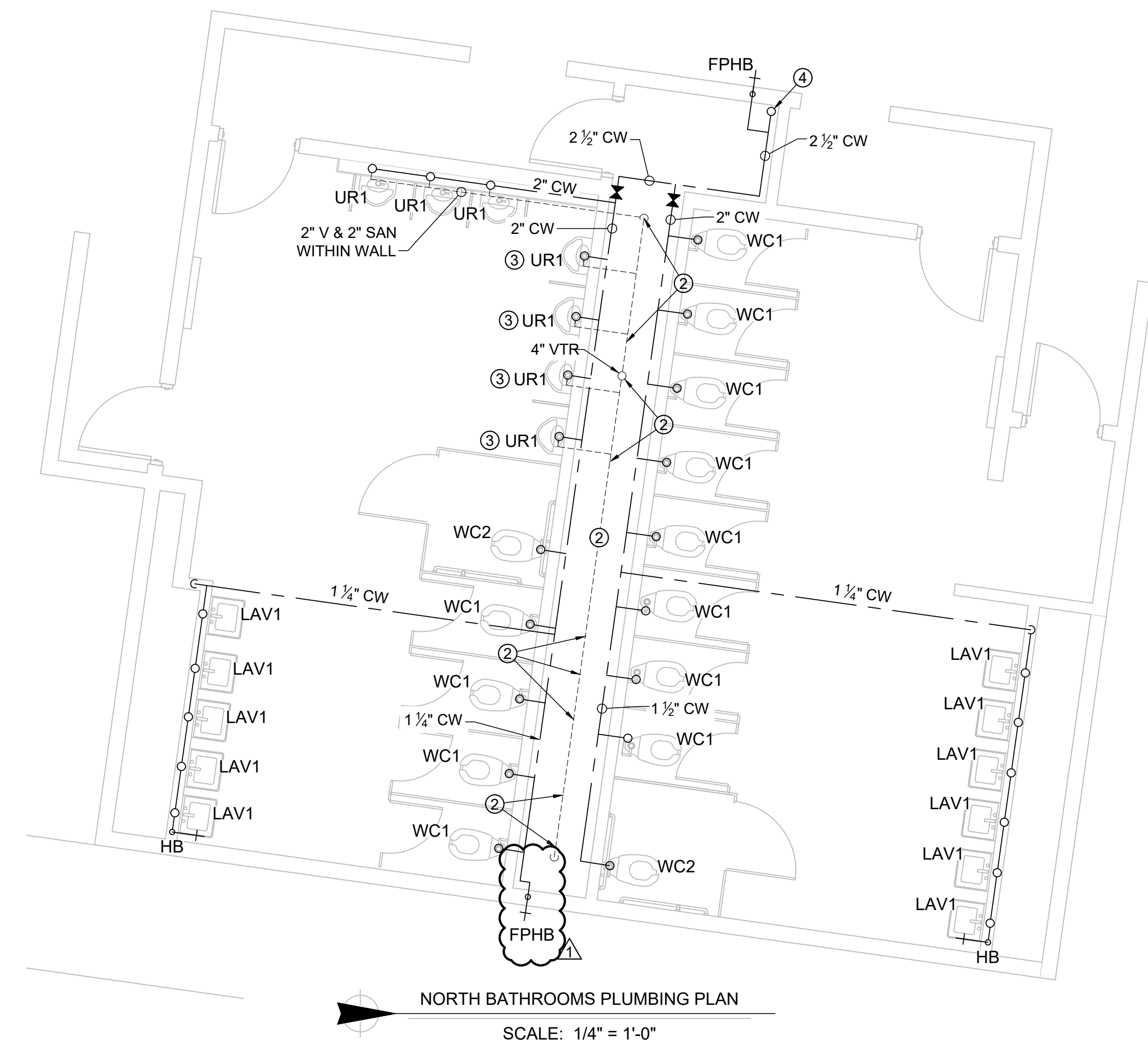
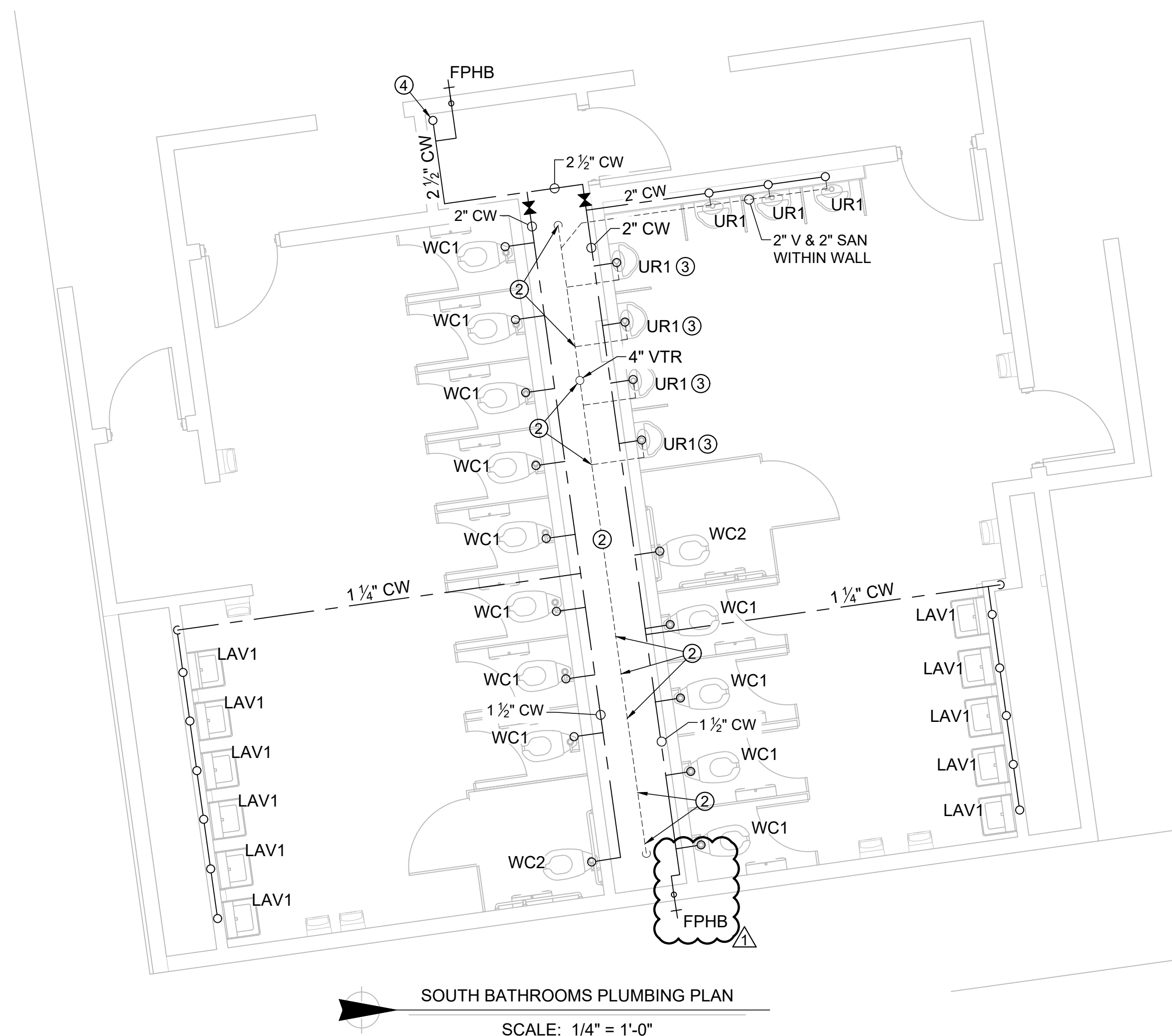


PLUMBING FIXTURE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
FPHB	FROST PROOF HOSE BIB	WOODFORD	MODEL 67	
HB	HOSE BIB	JR SMITH	5670-H	INTERIOR HOSE BIB WITH VACUUM BREAKER
LAV1	LAVATORY (WALL HUNG W/MANUAL FAUCET)	AMERICAN STANDARD	0356041.020	WITH ZURN Z86300-XL-3M FAUCET, 1/4 TURN STOP, BRAIDED STAINLESS STEEL SUPPLY AND TRIPPO-LAV GUARD 2
UR1	URINAL - MANUAL FLUSH	AMERICAN STANDARD	6590001.020	WITH KOHLER K-78319 MANUAL FLUSH VALVE (1.0 GPM/FLUSH)
WC1	WATER CLOSET - STANDARD HEIGHT - MANUAL FLUSH VALVE	AMERICAN STANDARD	2234.001	WITH KOHLER K-78322 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) AND CHURCH 9500SSCT SELF SUSTAINING SEAT
WC2	WATER CLOSET - ADA HEIGHT - MANUAL FLUSH VALVE	AMERICAN STANDARD	3043.001	WITH KOHLER K-78322 MANUAL FLUSH VALVE (1.6 GPM/FLUSH) AND CHURCH 9500SSCT SELF SUSTAINING SEAT
WC3	WATER CLOSET - ADA HEIGHT - TANK	AMERICAN STANDARD	215AA.004	WITH CHURCH 7205LFC SEAT AND COVER, STAINLESS BRAIDED SUPPLY, AND 1/4 TURN SHUT-OFF.

NOTES:
1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION

PLUMBING CONNECTION SIZING SCHEDULE					
FIXTURE	TYPICAL ABBREVIATION	SANITARY PIPING		SUPPLY PIPING	
		WASTE CONNECTION	VENT CONNECTION	COLD WATER CONNECTION	HOT WATER CONNECTION
DRINKING FOUNTAIN	DF	1-1/2"	1-1/4"	1/2"	-
FLOOR DRAIN	FD	3"	2"	-	-
HAND / HAIR SINK	HS / SK	2"	1-1/4"	1/2"	1/2"
HOSE BIBB	HB	-	-	3/4"	-
LAVATORY	LAV	1-1/2"	1-1/4"	1/2"	1/2"
MOP SINK	MS	3"	1-1/2"	1/2"	1/2"
ICE MAKER OUTLET BOX	REF	-	-	1/2"	-
SHOWER	SH	3"	1-1/2"	1/2"	1/2"
URINAL	UR	2"	1-1/4"	3/4"	-
WATER CLOSET (FLUSH TANK)	WC	3"	2"	1/2"	-
WATER CLOSET (FLUSH VALVE)	WC	3"	2"	1"	-

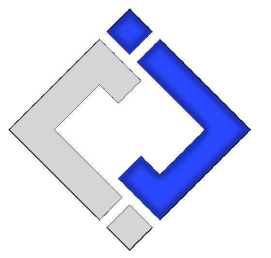
NOTES:
1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS



Keaton E. Leisinger, P.E.
PE-2021035875
MO Certificate of Authority # 2018029680



1806 West Broadway Boulevard
Sedalia, MO 65301
660.829.9751



J-SQUARED
ENGINEERING
2400 BLUFF CREEK DR. STE. 101
COLUMBIA, MO 65203
573.234.4492

CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd., Bldg. 1.
Columbia, Missouri 65202
(573) 447-0292
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151304

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT DESIGN AND
CONSTRUCTION

UPGRADE ELECTRICAL AND
RESTROOMS, GRANDSTAND
MISSOURI STATE
FAIRGROUNDS
2503 W. 16TH ST.
SEDALIA, MO 65301

PROJECT # T2304-01
SITE # 1501
ASSET # 3511501018

REVISION: ADDENDUM #1
DATE: 03 / 04 / 2024

REVISION:
DATE:

REVISION:
DATE:

ISSUE DATE: 11/29/2023
BID DOCUMENTS

CAD DWG FILE: F2304-01-P-FP-30.dwg
DRAWN BY: RXM
CHECKED BY: JAP
DESIGNED BY: KEL

SHEET TITLE:

ENLARGED
PLUMBING
PLANS (PHASE 1)

SHEET NUMBER:

P-101

SHEET OF 30