FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION

CP262051

SOA PROJECT NUMBER: 25044

UNIVERSITY OF MISSOURI
600 STADIUM BLVD.
COLUMBIA, MO 65211

ISSUE FOR BID
SEPTEMBER 10, 2025

1 AUTHORITY HAVING JURISDICTION (AHJ)

University of Missouri

2 APPLICABLE CODES

- 2024 INTERNATIONAL BUILDING CODE
- 2024 INTERNATIONAL EXISTING BUILDING CODE (LEVEL 2 ALTERATIONS ONLY WITH PREAPPROVAL FROM THE AHJ)
- 2024 INTERNATIONAL PLUMBING CODE
- 2024 INTERNATIONAL MECHANICAL CODE
- 2024 INTERNATIONAL FIRE CODE
- 2024 INTERNATIONAL FUEL GAS CODE
- 2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- 2023 NATIONAL ELECTRICAL CODE / NFPA 70
- 2022 NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS
- 2024 NFPA 90A, INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS
- 2024 NFPA 75, STANDARD FOR THE FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT
- 2022 NFPA 72, NATIONAL FIRE ALARM CODE
- 2024 NFPA 45, STANDARD ON FIRE PROTECTION FOR LABORATORIES USING CHEMICALS
- 2024 NFPA 14, STANDARD FOR INSTALLATION OF STANDPIPE, PRIVATE HYDRANTS AND HOSE SYSTEMS
- 2022 NFPA 13, INSTALLATION OF FIRE SPRINKLER SYSTEMS
- 2022 ASHRAE 90.1, ENERGY STANDARD FOR BUILDINGS
- 2016 ASME A17.1, SAFETY CODE FOR ELEVATORS AND ESCALATORS
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

LOCAL FIRE DEPARTMENT: City of Columbia Fire Department
LOCAL AGENCIES HAVING JURISDICTION: UM Director of Facilities Planning and Development, University of Missouri
SPECIAL INSPECTIONS (IBC 1705.17): Fire Resistant Penetration and Joints. See Structural Drawings for additional inspections.
DEFERRED SUBMITTALS (IBC 107.3.4.1): Not Applicable

Code sections cited in this report reference the 2024 IBC unless stated otherwise.

Disclaimer: This document summarizes key building code issues relevant to the project and is not intended to replicate all code details. Additional codes and standards may apply, as referenced in other applicable codes and as enforced by governmental authorities (county, state, federal) or other entities (insurance, owner, operator).

SHEET LIST (CP262051)

ARCHITECT:
SOA ARCHITECTURE
2801 Woodard Drive, Suite 103
Columbia, MO 65202
phone: 573.443.1407

MEP ENGINEER:
CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
912 Old 63 S
Columbia, MO 65203
phone:573.607.5967

I HEREBY CERTIFY THESE DRAWINGS AND/ OR SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/ OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI.

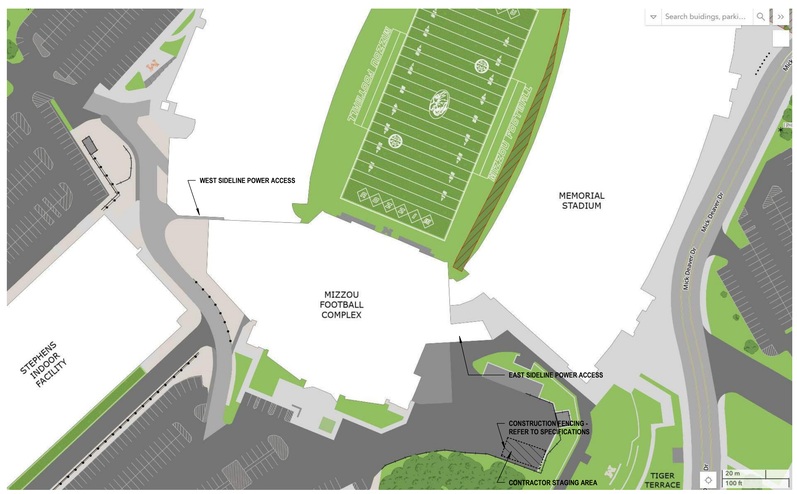
SIGNATURE:

STATE OF MISSOURI · BRADLEY JOHN STEGEMANN · NUMBER A-2008015243 · REGISTERED ARCHITECT

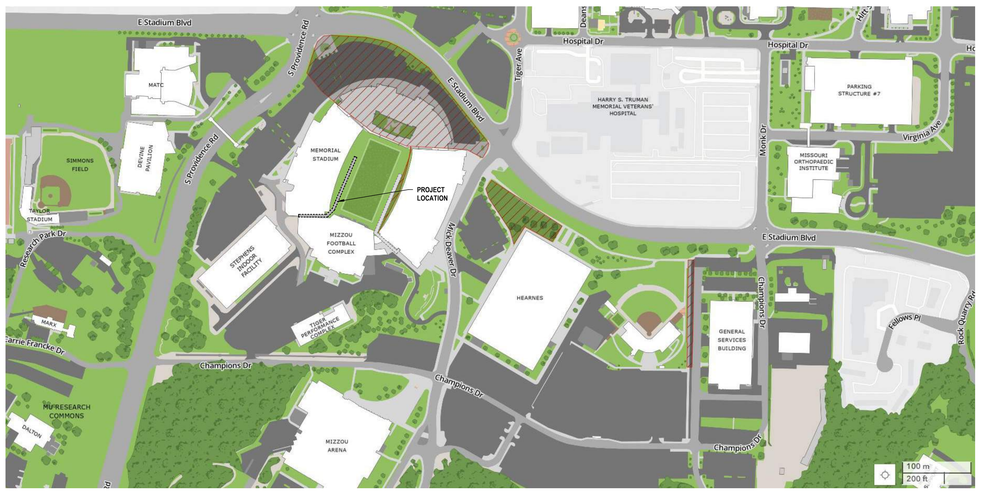
I HEREBY CERTIFY THESE DRAWINGS AND/ OR SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/ OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI.

SIGNATURE:

STATE OF MISSOURI · SHANE L. FLOYD · NUMBER PE-2010017814 · PROFESSIONAL ENGINEER



2 G0.1 CONSTRUCTION ACCESS PLAN
NO SCALE



1 G0.1 PROJECT LOCATION PLAN
NO SCALE

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP262051
600 STADIUM BLVD
COLUMBIA, MO 65211

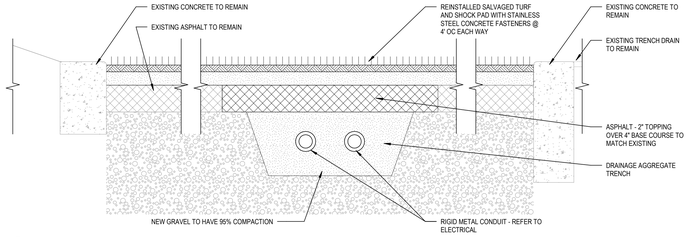
ISSUE FOR BID
09/10/2025

SOA 25044

COVER SHEET (CP262051)

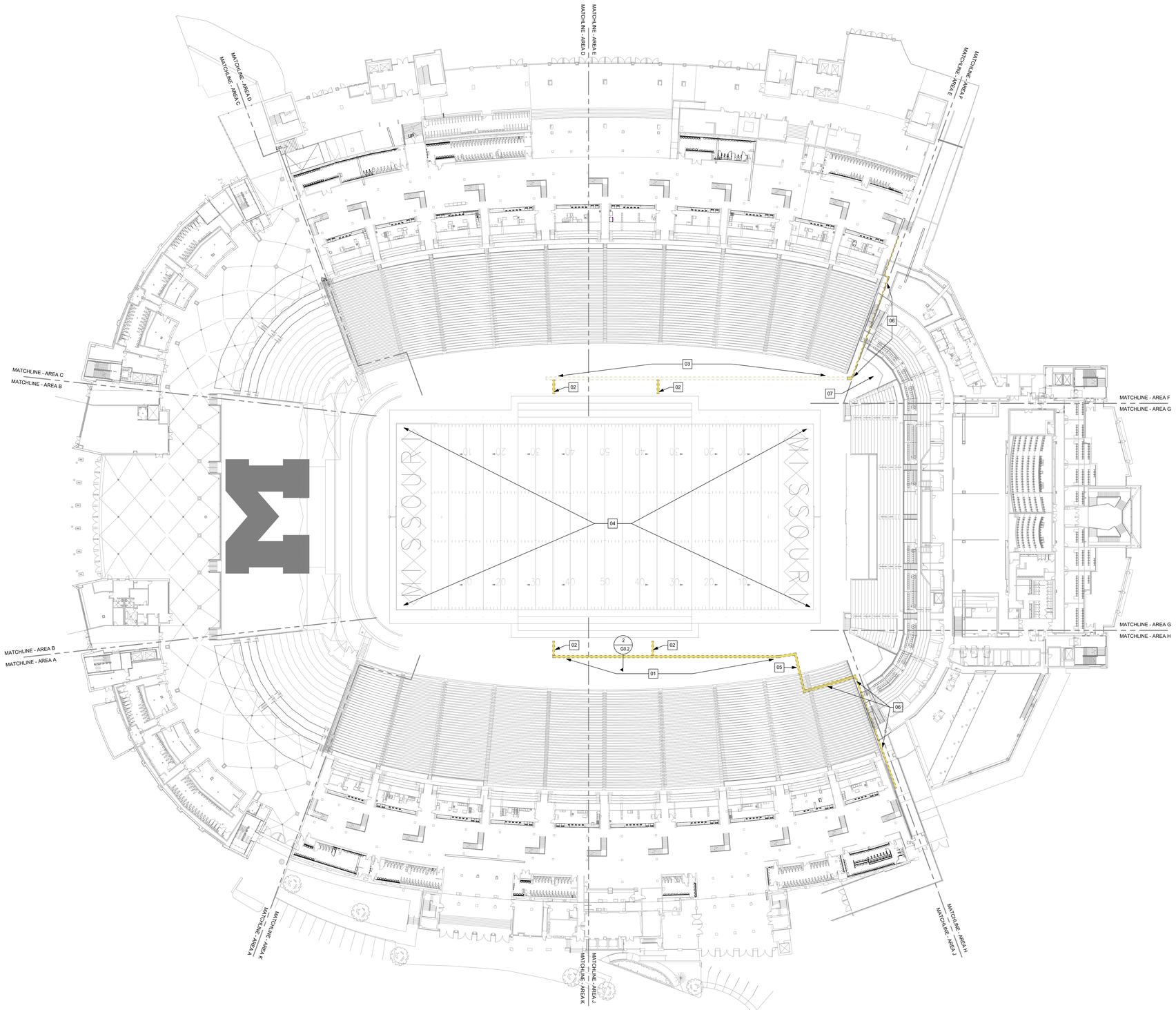
G0.1

Autodesk Docs://13-24106-01 MU-Football Stadium Improvements/13-24106-01 MU Stadium Existing_AR_2024.rvt
9/10/2025 9:51:28 AM



2 G0.2 TYPICAL DETAIL - SIDELINE POWER
SCALE: 1 1/2" = 1'-0"

3 G0.2 EXISTING WEST SIDELINE PHOTO FOR REFERENCE
NO SCALE

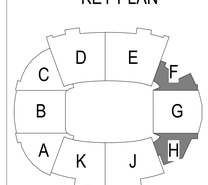


OVERALL PLAN - SIDELINE POWER - STAGING & LOGISTICS
SCALE: 1/32" = 1'-0"

KEYNOTES - SIDELINE POWER

01	CUT, REMOVE, AND STORE IN GOOD CONDITION EXISTING TURF AND SHOCK PAD AS REQUIRED FOR CONSTRUCTION. TEMPORARILY STORE AND REINSTALL PER DOCUMENTS. SAW CUT AND REMOVE ASPHALT PAVING AND AGGREGATE DRAINAGE AS REQUIRED FOR INSTALLATION OF ELECTRICAL CONDUIT INDICATED ON ELECTRICAL DRAWINGS.
02	CUT, REMOVE, AND STORE IN GOOD CONDITION EXISTING TURF AND SHOCK PAD AS REQUIRED FOR CONSTRUCTION. TEMPORARILY STORE AND REINSTALL PER DOCUMENTS. SAW CUT AND REMOVE ASPHALT PAVING AND AGGREGATE DRAINAGE AS REQUIRED FOR INSTALLATION OF ELECTRICAL CONDUIT AND PEDESTAL INDICATED ON ELECTRICAL DRAWINGS.
03	EXISTING CONDUIT PATHWAYS UNDER GRADE INSTALLED AS PART OF CP241931 NORTH END ZONE PROJECT IN SUMMER 2025.
04	EXISTING TURF FIELD. PROTECT THROUGHOUT CONSTRUCTION - CONTRACTOR SHALL NOT USE FIELD FOR STORAGE OF MATERIALS, STAGING OF MATERIALS, OR FOR ANY CONSTRUCTION ACTIVITIES
05	CUT, REMOVE, AND STORE IN GOOD CONDITION EXISTING SOD TURF AND TOPSOIL AS REQUIRED FOR CONSTRUCTION. TEMPORARILY STORE AND REINSTALL PER DOCUMENTS. SAW CUT AND REMOVE CONCRETE BLEACHERS UNDER GRADE AS REQUIRED FOR INSTALLATION OF ELECTRICAL CONDUIT INDICATED ON ELECTRICAL DRAWINGS.
06	SURFACE MOUNTED CONDUIT PATHWAY - REFER TO ELECTRICAL DRAWINGS
07	CONTRACTOR ACCESS VIA SOUTHEAST CORNER LOADING DOCK - VERIFY USE OF PREMISES WITH MU CONSTRUCTION PROJECT MANAGER PRIOR TO START OF CONSTRUCTION

KEY PLAN



SOA ARCHITECTURE
2301 Woodard Drive, Suite 103
Columbia, MO 65202
573-443-1401
www.soa-inc.com
Simon Oswald Associates, Inc.
MO Certificate of Authority: 000826

STATE OF MISSOURI
Bradley John Stegemann
Number
A-2008015243
ARCHITECT
09/10/2025

Bradley J. Stegemann - Architect
License No. A-2008015243

CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
(573) 875-4365
812 Old Highway 63 South
Columbia, MO 65201
MO Certificate of Authority: #002239

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP262051
600 STADIUM BLVD
COLUMBIA, MO 65211

ISSUE FOR BID
09/10/2025

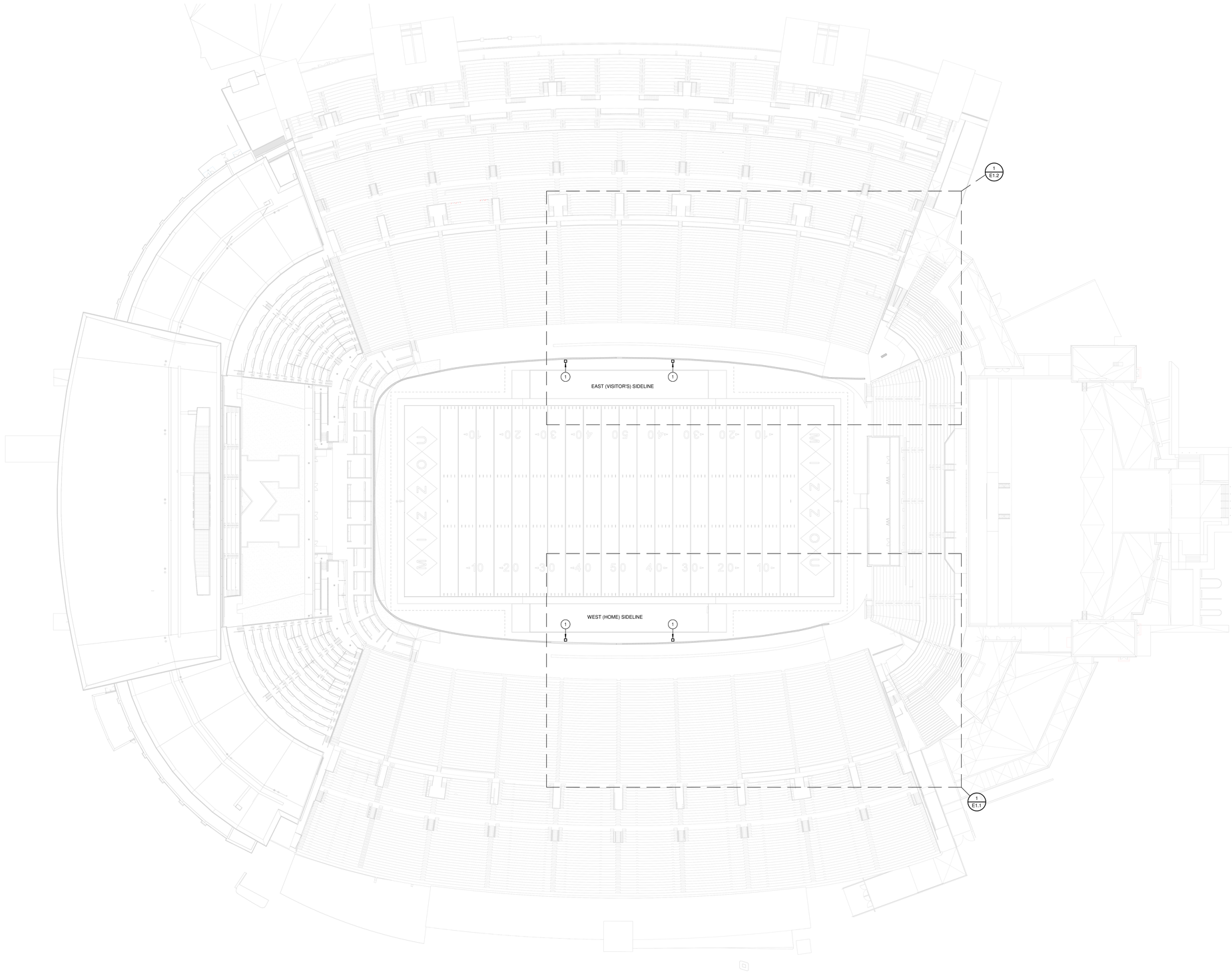
SOA 25044

STAGING & LOGISTICS PLAN

G0.2

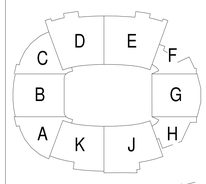
SHEET NOTES

1. NEW 120/208V 3Ø 200 AMP SIDELINE POWER PEDESTAL AT EACH 35-YARD LINE. SEE ENLARGED PLANS FOR DETAILS.



SIDELINE POWER INSTALLATION - OVERALL PLAN
SCALE: 1" = 30'-0"

KEY PLAN



SOA ARCHITECTURE
2301 Woodland Drive, Suite 103
Columbia, MO 65202
573.443.3411
www.soainc.com
Simms Oswald Associates, Inc.
MO Certificate of Authority: 000826

STATE OF MISSOURI
SHANE L. FLOYD
NUMBER PE-2019017814
PROFESSIONAL ENGINEER
Shane Floyd, P.E. SEPT. 10, 2025
PE-2019017814

CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
(573) 875-4365
912 Old Highway 63 South
Columbia, MO 65201
MO Certificate of Authority: #002229

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING HAS BEEN AFFIXED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 327, RSMO. IN AFFIXING THIS SEAL, THE ENGINEER TAKES RESPONSIBILITY FOR THE WORK SHOWN ON THIS DRAWING ONLY, AND HEREBY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR ANY OTHER WORK NOT SPECIFICALLY DIRECTLY BEARING THIS SEAL.

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP260251

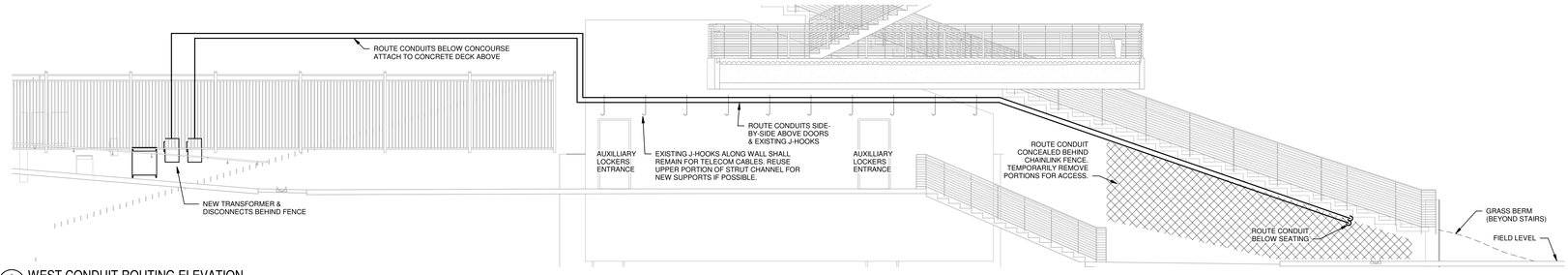
600 STADIUM BLVD
COLUMBIA, MO 65211

ISSUE FOR BID
09/10/2025

SOA 25044
CEI COL25060

SIDELINE POWER INSTALLATION - OVERALL PLAN

E1.0



2 E1.1 WEST CONDUIT ROUTING ELEVATION
SCALE: 3/16" = 1'-0"

N WEST SIDELINE POWER
SCALE: 1/8" = 1'-0"

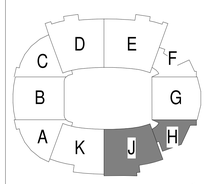
GENERAL NOTES

1. ALL CONDUIT SHALL BE ROUTED IN A NEAT AND ORGANIZED MANNER. FIELD VERIFY ROUTING AND CONCEAL CONDUITS FROM PUBLIC VIEW WHERE POSSIBLE.
2. CONTRACTOR SHALL PROVIDE PULL BOXES AS REQUIRED BY CODE. LOCATE PULLBOXES TO BE CONCEALED FROM PUBLIC VIEW WHERE POSSIBLE.
3. USE EXTREME CAUTION WHILE TRENCHING TO AVOID EXISTING UTILITIES AND COMMUNICATION CABLES AT SHALLOW BURY DEPTHS.

SHEET NOTES

1. IN THE GRAVEL AREA BELOW THE SW CONCOURSE, INSTALL NEW 208Y/120V 112.5 kVA DRY TRANSFORMER WITH NEMA 3R WEATHERSHIELD. CONNECT TO NEW 200A BREAKER IN EXISTING 480V PANEL FLDP3N-S-1, SQUARE D I-LINE MODEL HCPSU. PROVIDE NEW 10'x3/4" DRIVEN COPPER GROUND ROD AND BOND TO ALL AVAILABLE ELECTRODES PER GROUNDING DETAIL ON E1.3. PROVIDE CONCRETE PAD SIZED FOR TRANSFORMER.
2. INSTALL (2) 208Y/120V 200A NEMA 3R BREAKER DISCONNECTS ON UNISTRUT FOR NEW WEST SIDELINE POWER CIRCUITS. CONNECT TO NEW 112.5 kVA TRANSFORMER.
3. PROVIDE NEW 2-1/2" SURFACE MOUNTED RMC CONDUIT FOR EACH NEW SIDELINE POWER CIRCUIT. ROUTE EXPOSED CONDUITS DOWN TO FIELD LEVEL AND BELOW GRADE IN A NEAT AND ORGANIZED MANNER, CONCEALING WHERE POSSIBLE.
4. COORDINATE LOCATION TO ROUTE 2-1/2" RMC CONDUITS BELOW CONCRETE SEATING. TRANSITION TO PVC COATED RMC AND ROUTE INTO GRASS BERM ADJACENT TO STAIRS. BURY AT MINIMUM 6" DEPTH UNDER GRASS BERM. REMOVE PORTIONS OF EXISTING CONCRETE BLEACHERS BELOW GRASS BERM AS REQUIRED TO BURY CONDUIT AT MINIMUM 6" DEPTH. CUT ASPHALT PAVEMENT BELOW OUTER TRACK TURF AND ROUTE RMC ADJACENT TO CONCRETE TRENCH DRAIN AS INDICATED. BACKFILL TRENCH, PATCH ASPHALT AND REPLACE OUTER TRACK TURF. DO NOT DISTURB INNER FIELD TURF.
5. AT 35-YARD LINE, PROVIDE NEW 208Y/120V 3Ø 200A NEMA 3R LOCKABLE DISCONNECT PEDESTAL WITH CAM-LOCK CABLE CONNECTIONS, ESL POWER SYSTEMS MODEL CS23-200C-208Y/120-6S-311-LS-CP3. PROVIDE WITH OPTIONAL 120V 20 AMP WEATHERPROOF RECEPTACLE. CUT AND PATCH CONCRETE AND TURF SURFACE AS REQUIRED AND DO NOT DISTURB EXISTING POWER/COMMUNICATIONS CONDUITS, IRRIGATION OR STORM PIPING. ROUTE CONDUIT BELOW EXISTING TRENCH DRAINS AND INSTALL ON FIELD SIDE OF TRENCH. REMOVE ROCK SUBGRADE AS REQUIRED INSTALL 2'x2'x2" CONCRETE HOUSEKEEPING PAD FOR PEDESTAL SUPPORT. SEE DETAILS ON E1.3.
6. EXISTING 100A 50/Ø LINE PEDESTALS WITH 120V GFI RECEPTACLES AND HEADSET COMMUNICATIONS EQUIPMENT TO REMAIN. VERIFY LOCATION OF EXISTING POWER AND COMMUNICATION CONDUITS.

KEY PLAN



SOA ARCHITECTURE
2801 Woodland Drive, Suite 103
Columbia, MO 65202
573.443.1491
www.soainc.com
Simon Oswald Associates, Inc.
MO Certificate of Authority: 000826

STATE OF MISSOURI
SHANE L. FLOYD
NUMBER PE-2010017814
PROFESSIONAL ENGINEER

Shane Floyd, P.E. SEPT. 10, 2025
PE-2019017814

CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
(573) 875-4365
912 Old Highway 63 South
Columbia, MO 65201
MO Certificate of Authority: #000229

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP260251

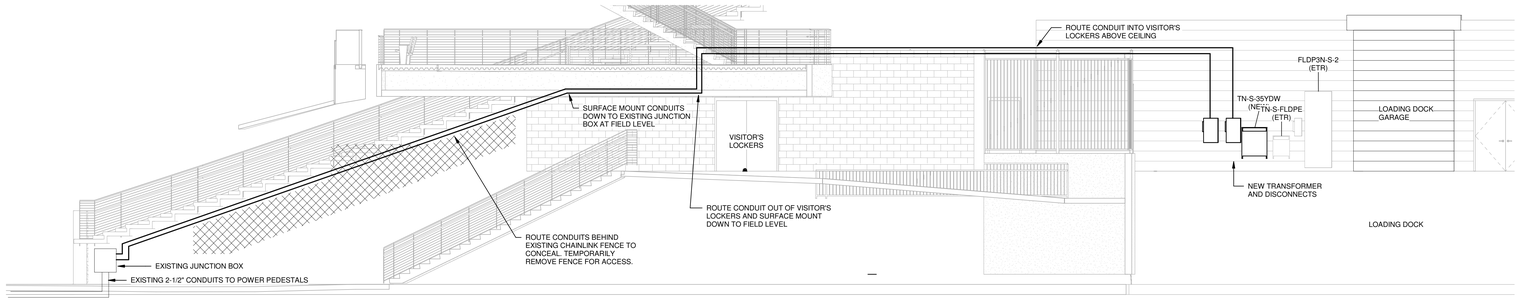
600 STADIUM BLVD
COLUMBIA, MO 65211

ISSUE FOR BID
09/10/2025

SOA 25044
CEI COL25060

WEST SIDELINE POWER PLANS

E1.1



2 / E1.2 EAST CONDUIT ROUTING ELEVATION
SCALE: 3/16" = 1'-0"

GENERAL NOTES

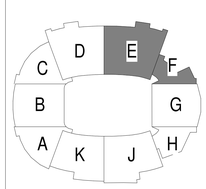
1. ALL CONDUIT SHALL BE ROUTED IN A NEAT AND ORGANIZED MANNER. FIELD VERIFY ROUTING AND CONCEAL CONDUITS FROM PUBLIC VIEW WHERE POSSIBLE.
2. CONTRACTOR SHALL PROVIDE PULL BOXES AS REQUIRED BY CODE. LOCATE PULLBOXES TO BE CONCEALED FROM PUBLIC VIEW WHERE POSSIBLE.
3. COORDINATE NEW TRANSFORMER LOCATION AND CONDUIT ROUTING THROUGH VISITOR'S LOCKER SPACE WITH MU PROJECT #CP241934 - VISITOR'S LOCKER A/C.

SHEET NOTES

1. IN THE SE LOADING DOCK GARAGE SPACE BELOW THE SE CONCOURSE, INSTALL NEW 208Y/120V 112.5 kVA DRY TRANSFORMER. CONNECT TO NEW 200A BREAKER IN EXISTING 480V PANEL FLDP3N-S-2, SQUARE D I-LINE MODEL HCP. PROVIDE NEW 10'x3/4" DRIVEN COPPER GROUND ROD AND BOND TO ALL AVAILABLE ELECTRODES PER GROUNDING DETAIL ON E1.3. PROVIDE CONCRETE PAD SIZED FOR TRANSFORMER.
2. INSTALL (2) 208Y/120V 200A NEMA 3R BREAKER DISCONNECTS ON UNISTRUT FOR NEW EAST SIDELINE POWER CIRCUITS. CONNECT TO NEW 112.5 kVA TRANSFORMER.
3. PROVIDE (2) NEW 2-1/2" RMC CONDUITS & FEEDERS FOR NEW SIDELINE POWER PEDESTALS. CORE DRILL AND PATCH EXISTING STRUCTURE AS REQUIRED TO ROUTE CONDUITS ABOVE VISITORS LOCKER CEILING AND OUT TO STAIRWAY. ROUTE EXPOSED CONDUIT DOWN TO EXISTING JUNCTION BOX AT FIELD LEVEL.
4. AT 35-YARD LINE, PROVIDE NEW 208Y/120V 200A NEMA 3R LOCKABLE DISCONNECT PEDESTAL WITH CAM-LOCK CABLE CONNECTIONS, ESL POWER SYSTEMS MODEL CS23-200C-208Y/120-65-311-LS-CP3. CUT AND PATCH CONCRETE AND TURF SURFACE AS REQUIRED AND DO NOT DISTURB EXISTING POWER/COMMUNICATIONS CONDUITS, IRRIGATION OR STORM PIPING. ROUTE CONDUIT BELOW EXISTING TRENCH DRAINS AND COORDINATE EXACT PLACEMENT OF PEDESTALS WITH OWNER.
5. EXISTING 100A 50YD LINE PEDESTALS WITH 120V GFI RECEPTACLES AND HEADSET COMMUNICATIONS EQUIPMENT TO REMAIN. VERIFY LOCATION OF EXISTING POWER AND COMMUNICATION CONDUITS.
6. CORE DRILL EXISTING MASONRY WALL AS REQUIRED TO ROUTE NEW 2-1/2" CONDUITS IN CEILING SPACE ABOVE VISITOR'S LOCKER. SEE WALL PENETRATION DETAIL ON E1.3. REMOVE & REPLACE CEILING TILES IN VISITOR'S LOCKER AS REQUIRED AND COORDINATE EXACT ROUTE FOR NEW CONDUITS WITH EXISTING EQUIPMENT AND NEW VISITOR'S LOCKER A/C DUCTWORK. CONCEAL CONDUITS FROM PUBLIC VIEW WHERE POSSIBLE.

N EAST SIDELINE POWER
SCALE: 1/8" = 1'-0"

KEY PLAN



SOA ARCHITECTURE
2801 Woodland Drive, Suite 103
Columbia, MO 65202
573.443.5491
www.soainc.com
Simon Oswald Associates, Inc.
MO Certificate of Authority: 000826

STATE OF MISSOURI
SHANE L. FLOYD
NUMBER PE-2010017814
PROFESSIONAL ENGINEER

Shane Floyd, P.E. SEPT. 10, 2025
PE-2019017814

CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
(573) 875-4365
912 Old Highway 63 South
Columbia, MO 65201
MO Certificate of Authority: #000229

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING HAS BEEN AFFIXED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 327, RSMO. IN AFFIXING THIS SEAL, THE ENGINEER TAKES RESPONSIBILITY FOR THE WORK SHOWN ON THIS DRAWING ONLY, AND HEREBY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR ANY OTHER WORK NOT SHOWN OR DIRECTLY BEARING THIS SEAL.

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP260251

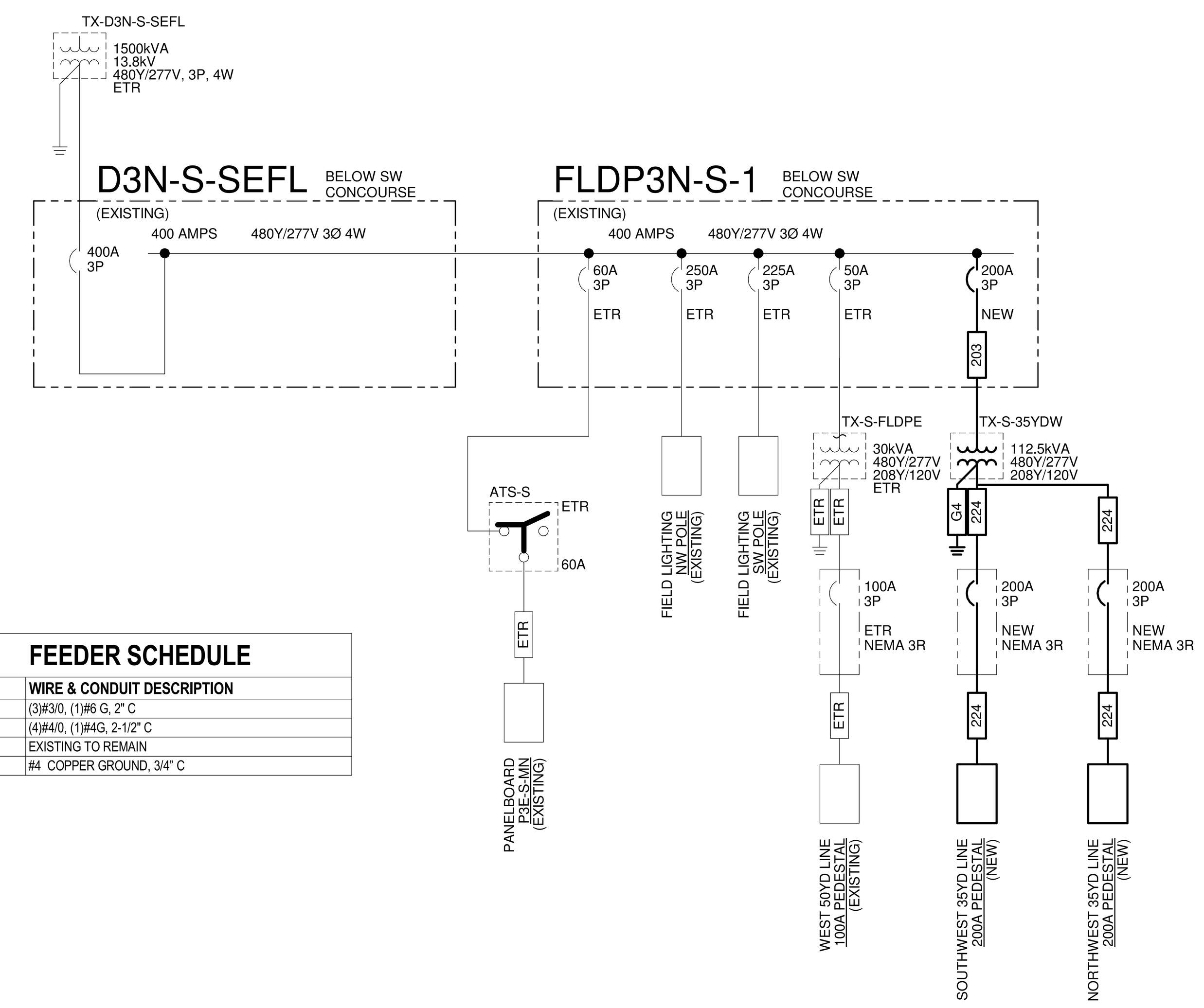
600 STADIUM BLVD.
COLUMBIA, MO 65211

ISSUE FOR BID
09/10/2025

SOA 25044
CEI COL25060

EAST SIDELINE POWER PLANS

E1.2



FEEDER SCHEDULE

TAG	WIRE & CONDUIT DESCRIPTION
203	(3)#3/0, (1)#6 G, 2" C
224	(4)#4/0, (1)#4G, 2-1/2" C
ETR	EXISTING TO REMAIN
G4	#4 COPPER GROUND, 3/4" C

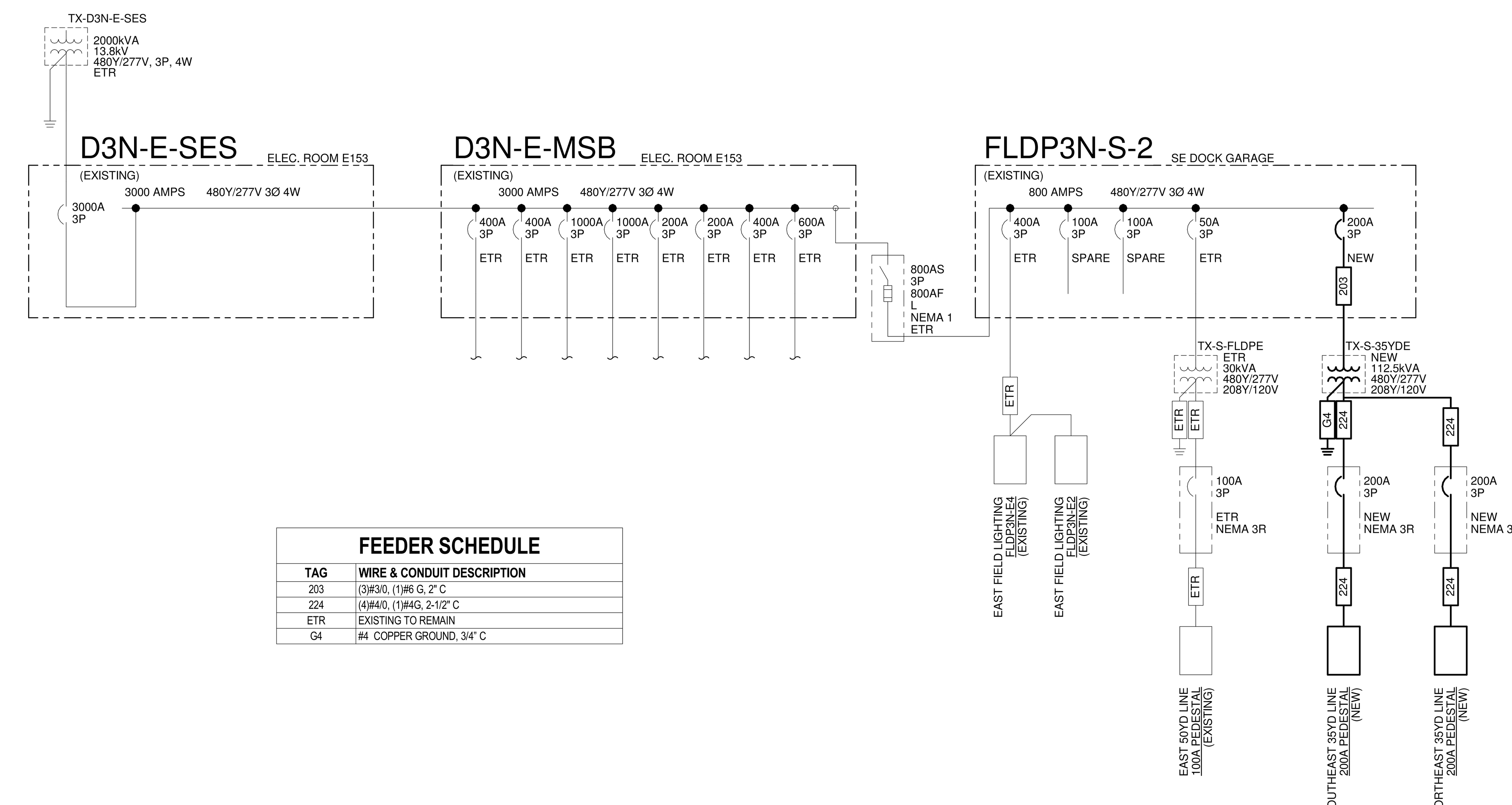
1 E1.3 ELECTRICAL ONELINE - WEST SIDELINE POWER
NO SCALE

LOAD CALCULATION

TX-D3N-S-SEFL (SW SERVICE) 1,500 kVA TRANSFORMER 480 VOLTS 3Ø	CONNECTED LOAD (kVA)	DEMAND FACTOR	CALCULATED DEMAND (kVA)
EXISTING LOAD (PER UTILITY)	220	1.25	275
SIDELINE POWER(2x160A@208V3Ø)	115	1	115
NEW LED FIELD LIGHTS (WEST)	149	1	149
OLD FIELD LIGHTS (WEST)	-283	1	-283
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
TOTAL DEMAND LOAD (kVA)			256 kVA
TOTAL DEMAND CURRENT (@ 480V 3Ø)			307.9 AMPS

LOAD CALCULATION

FLDP3N-S-1 400A DISTRIBUTION PANEL 480 VOLTS 3Ø	CONNECTED LOAD (kVA)	DEMAND FACTOR	CALCULATED DEMAND (kVA)
EXISTING 50 YD PEDESTAL	30	1	30
SIDELINE POWER(2x160A@208V3Ø)	115	1	115
NEW LED FIELD LIGHTS (WEST)	149	1.25	186.3
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
TOTAL DEMAND LOAD (kVA)			331.3 kVA
TOTAL DEMAND CURRENT (@ 480V 3Ø)			398.4 AMPS



FEEDER SCHEDULE

TAG	WIRE & CONDUIT DESCRIPTION
203	(3)#3/0, (1)#6 G, 2" C
224	(4)#4/0, (1)#4G, 2-1/2" C
ETR	EXISTING TO REMAIN
G4	#4 COPPER GROUND, 3/4" C

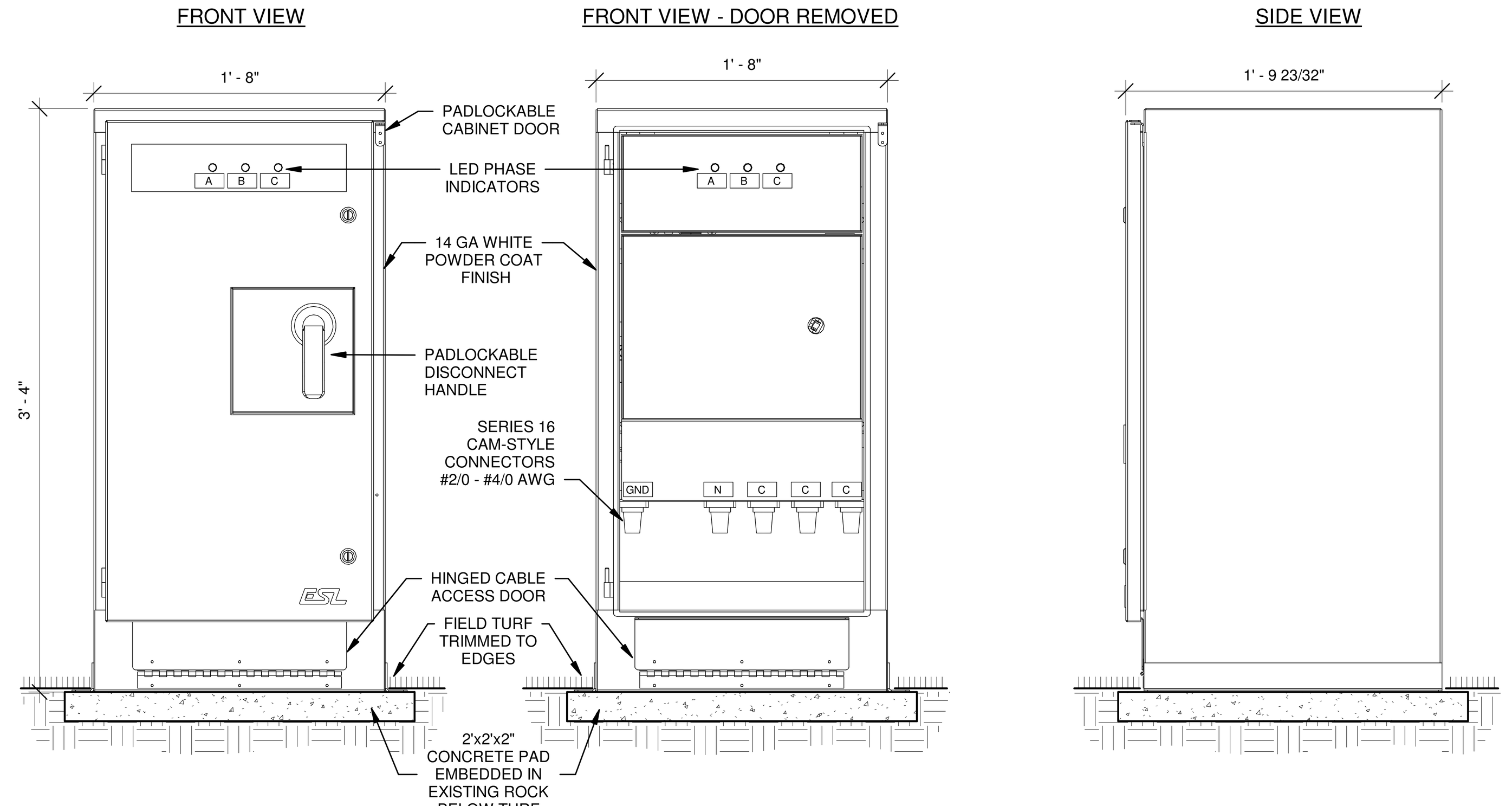
2 E1.3 ELECTRICAL ONELINE - EAST SIDELINE POWER
NO SCALE

LOAD CALCULATION

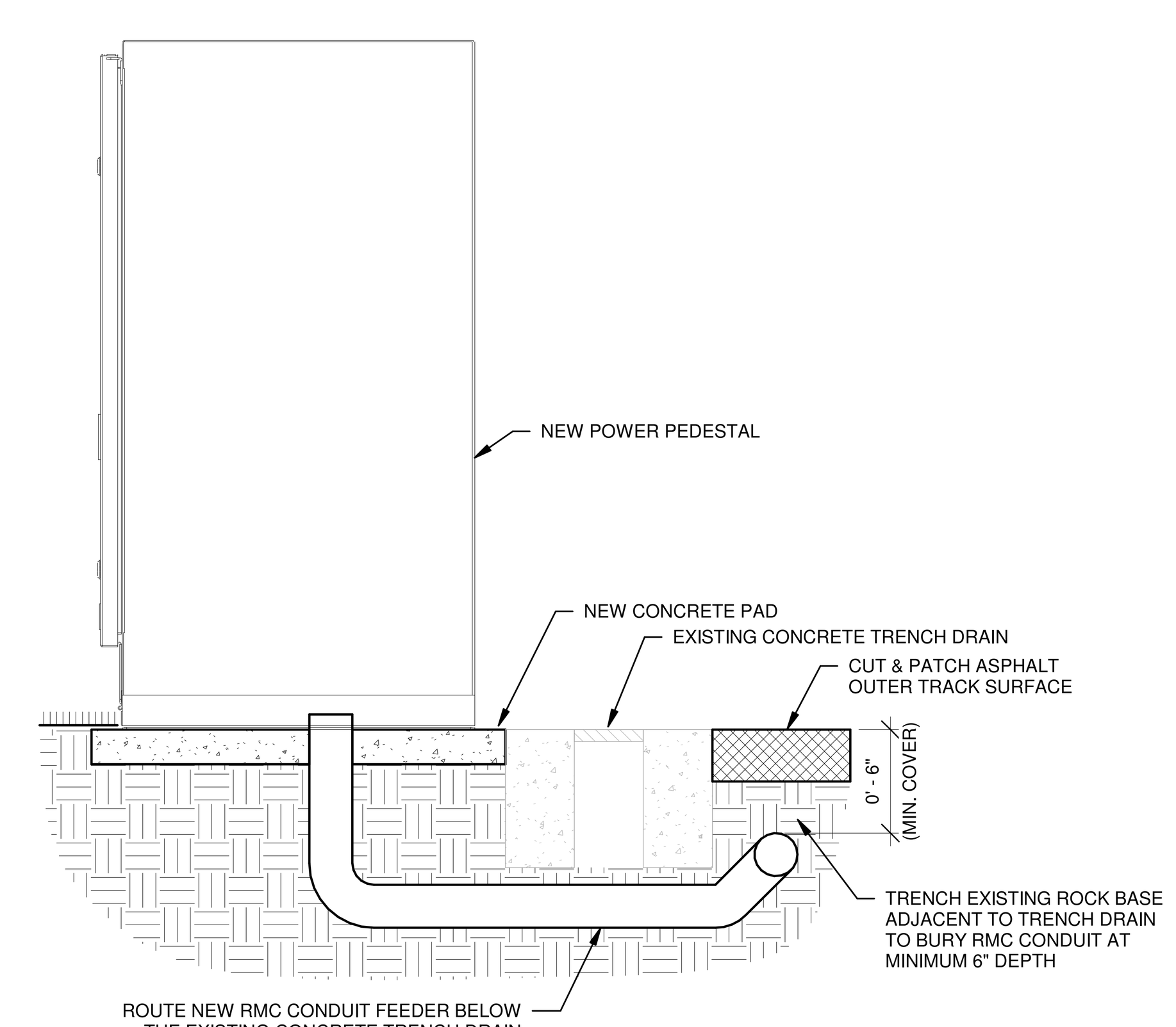
TX-D3N-E-SES (EAST SERVICE) 2000 kVA TRANSFORMER 480 VOLTS 3Ø	CONNECTED LOAD (kVA)	DEMAND FACTOR	CALCULATED DEMAND (kVA)
EXISTING LOAD (PER UTILITY)	1113	1.25	1391.3
SIDELINE POWER(2x160A@208V3Ø)	115	1	115
NEW LED FIELD LIGHTS (EAST)	162	1	162
OLD FIELD LIGHTS (EAST)	-221	1	-221
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
TOTAL DEMAND LOAD (kVA)			1447.3 kVA
TOTAL DEMAND CURRENT (@ 480V 3Ø)			1740.8 AMPS

LOAD CALCULATION

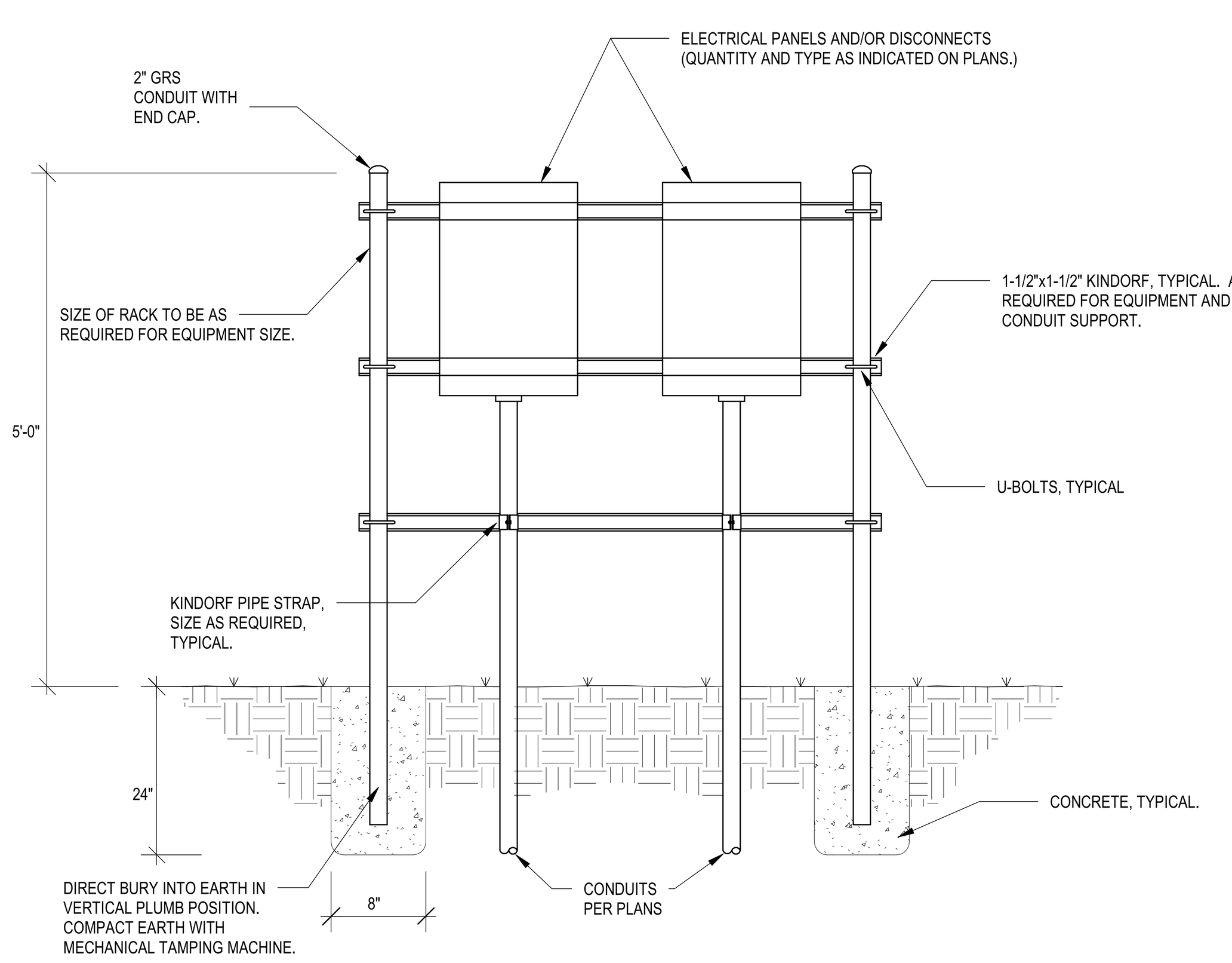
FLDP3N-S-2 (PANEL) 800A DISTRIBUTION PANEL 480 VOLTS 3Ø	CONNECTED LOAD (kVA)	DEMAND FACTOR	CALCULATED DEMAND (kVA)
EXISTING 50 YD PEDESTAL	30	1	30
SIDELINE POWER(2x160A@208V3Ø)	115	1	115
NEW LED FIELD LIGHTS (EAST)	162	1.25	202.5
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
	0	1	0
TOTAL DEMAND LOAD (kVA)			347.5 kVA
TOTAL DEMAND CURRENT (@ 480V 3Ø)			418.0 AMPS



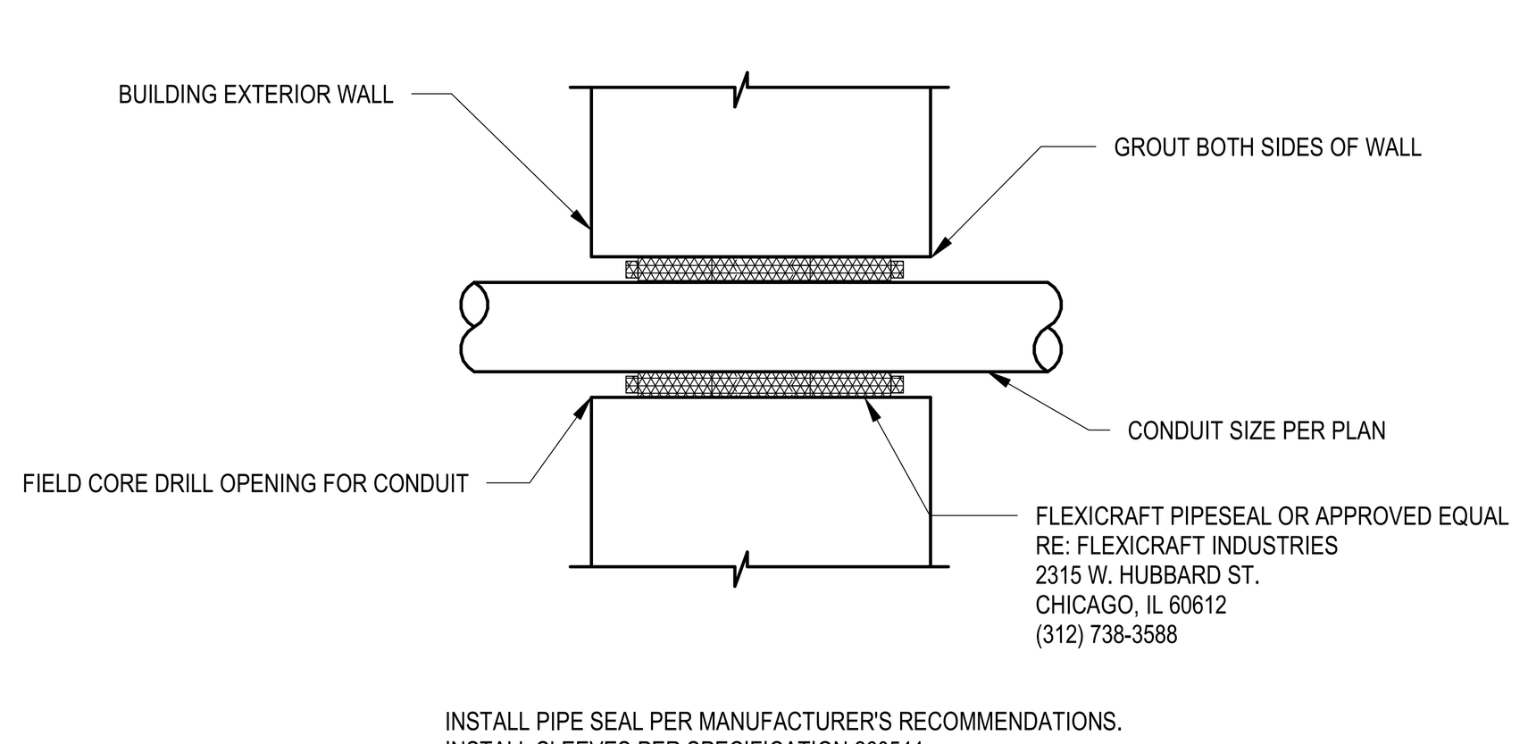
3 E1.3 POWER PEDESTAL DETAIL
NO SCALE



4 E1.3 CONDUIT TRENCH DETAIL
NO SCALE

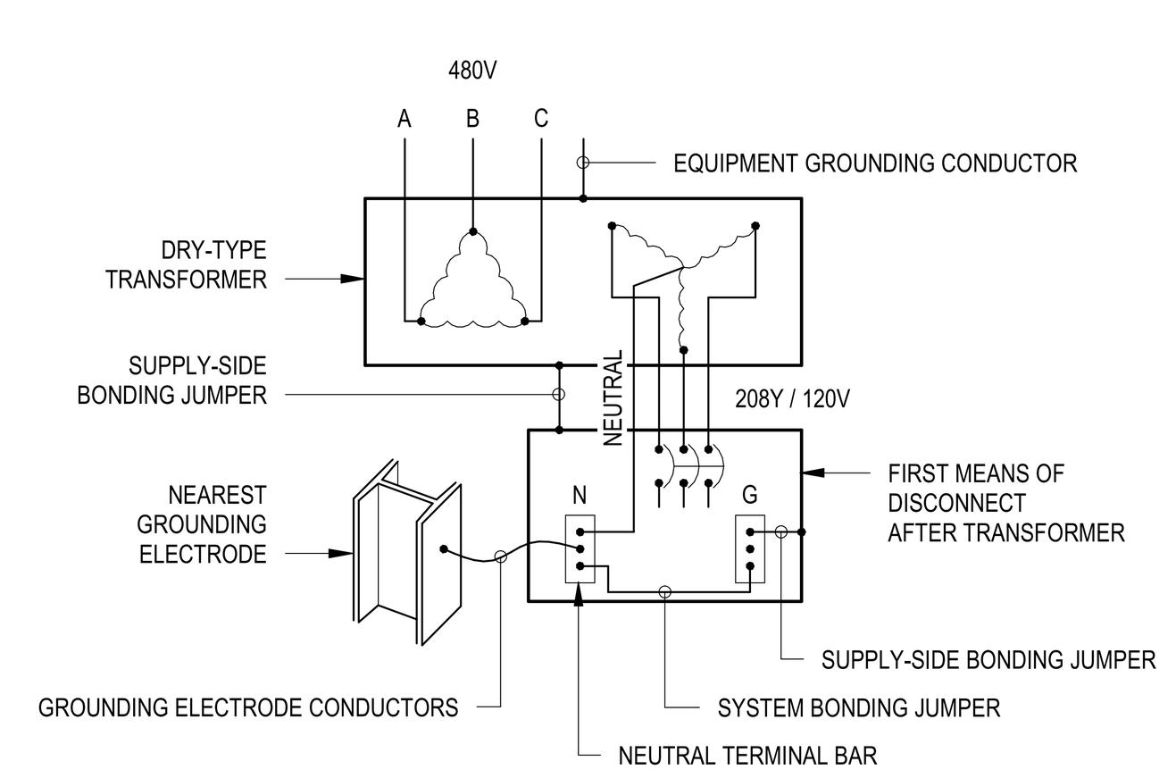


5 E1.3 STRUT CHANNEL EQUIPMENT MOUNTING RACK
NO SCALE



INSTALL PIPE SEAL PER MANUFACTURER'S RECOMMENDATIONS.
INSTALL SLEEVES PER SPECIFICATION 260544.

6 E1.3 EXTERIOR WALL CONDUIT PENETRATION DETAIL
NO SCALE



7 E1.3 GROUNDING FOR SEPARATELY DERRIVED SYSTEMS
NO SCALE

SOA ARCHITECTURE
2801 Woodard Drive, Suite 103
Columbia, MO 65202
573.443.1407
www.soa-inc.com
Simon Oswald Associates, Inc.
MO Certificate of Authority: 000826

STATE OF MISSOURI
SHANE L. FLOYD
NUMBER PE-2019017814
PROFESSIONAL ENGINEER

Shane Floyd, P.E. SEPT. 10, 2025
PE-2019017814

CUSTOM ENGINEERING
MECHANICAL & ELECTRICAL ENGINEERING
(573) 875-4365
912 Old Highway 63 South
Columbia, MO 65201
MO Certificate of Authority: #000239

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING HAS BEEN AFFIXED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 327, RSMO. IN AFFIXING THIS SEAL, THE ENGINEER TAKES RESPONSIBILITY FOR THE WORK SHOWN ON THIS DRAWING ONLY, AND HEREBY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR OTHER PROJECT DRAWINGS NOT DIRECTLY BEARING THIS SEAL.

MEMORIAL STADIUM
SIDELINE POWER INSTALLATION
UNIVERSITY PROJECT NUMBER: CP260251

600 STADIUM BLVD
COLUMBIA, MO 65211

ISSUE FOR BID
09/10/2025

SOA 25044
CEI COL25060

ELECTRICAL SCHEDULES & DETAILS

E1.3