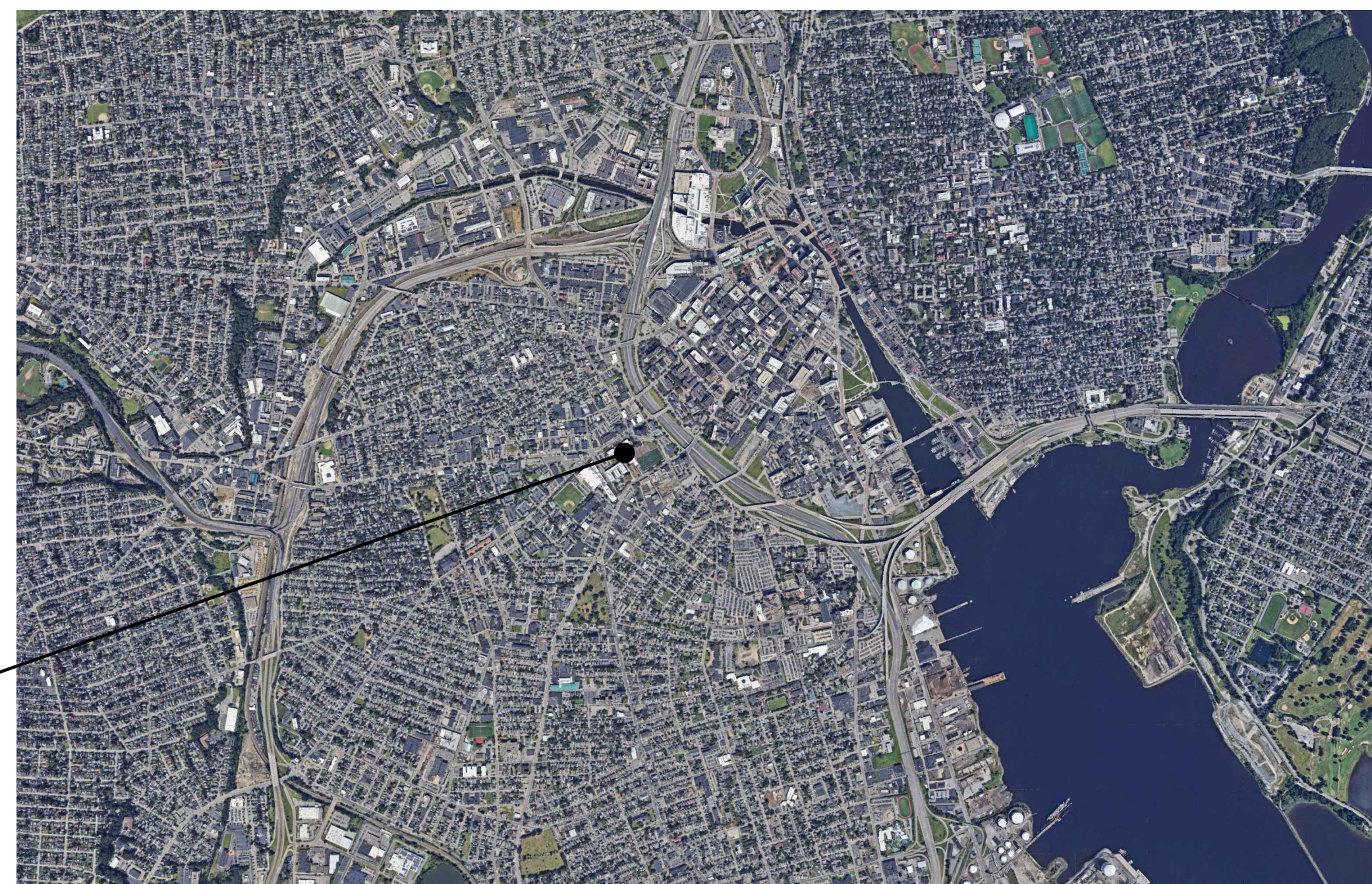


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SHEET TITLE

ISSUE

AUGUST 13, 2026		
DRAWN	CHKD	PROJECT NO.
JD	PP	26020

SHEET NO.

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1. APPLICABLE CODES AND STANDARDS

- ## 2. PROJECT DATA

OWNER: PROVIDENCE PUBLIC SCHOOL DEPARTMENT

LOCATION: CLASSICAL HIGH SCHOOL

ADDRESS: 770 WESTMINSTER ST PR

OCCUPANCY CLASSIFICATION: EDUCATION GROUP E

1. PROVIDE ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, COORDINATION, ADDITIONAL DESIGN AND ALL INCIDENTALS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM AS DETAILED ON PLANS TO THE SATISFACTION OF THE ENGINEER AND THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

2. PRIOR TO SUBMITTING BID, THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS AND PROPOSED CONSTRUCTION. CONTRACTOR SHALL INCLUDE IN THEIR BID ALL MATERIAL, LABOR, AND ALL INCIDENTALS FOR A COMPLETE INSTALLATION WHETHER SPECIFICALLY INDICATED OR NOT. ALL ERRORS, DISCREPANCIES AND MISSED ITEMS BE BROUGHT TO THE ATTENTION OF THE ENGINEER DURING THE BIDDING PROCESS BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.

3. PERFORM WORK AS REQUIRED BY APPLICABLE CODES, REGULATIONS, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS AND OTHER AUTHORITIES WITH LAWFUL JURISDICTION. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE.

4. MATERIAL AND EQUIPMENT SHALL BE NEW (UNLESS NOTED), UL, NEMA, ANSI, IEEE, ADA & CMB APPROVED FOR INTENDED PURPOSE. MATERIAL AND INSTALLATION SHALL MEET REQUIREMENTS OF NATIONAL AND LOCAL ELECTRICAL CODE.

5. GIVE NOTICES, FILE PLANS, OBTAIN PERMITS, AND LICENSES, PAY FEES AND BACK CHARGES, AND OBTAIN NECESSARY APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION.

6. MAINTAIN RECORD DRAWINGS ON SITE. RECORD SET MUST BE COMPLETE AND CURRENT AND AVAILABLE FOR INSPECTION WHEN REQUESTS FOR PAYMENT ARE SUBMITTED.

7. GUARANTEE WORK IN WRITING PER SPECIFICATIONS, REPAIR OR REPLACE DEFECTIVE MATERIALS OR INSTALLATION AT NO COST TO OWNER DURING THE GUARANTEE PERIOD. CORRECT DAMAGE CAUSED IN MAKING NECESSARY REPAIRS AND REPLACEMENTS UNDER GUARANTEE AT NO COST TO OWNER. SUBMIT GUARANTEE TO OWNER BEFORE FINAL PAYMENT.

8. COORDINATE ALL ELECTRICAL ITEMS WITH EXISTING FIELD CONDITIONS. LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE MINOR ADJUSTMENT IN THE FIELD TO SATISFY THE DESIGN INTENT.

9. DAMAGE TO EXISTING FACILITIES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

10. THE LOCATIONS ON THESE PLANS ARE APPROXIMATE AND REQUIRE COORDINATION WITH ALL OTHER TRADES AND VERIFICATION OF EXISTING CONDITIONS. ROUTING OF CONDUIT IS DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW ALL DETAILS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS, INCLUDING EQUIPMENT AND CONDITIONS. COORDINATE THE LOCATION OF ALL EQUIPMENT WITH THE ENGINEER AND THE OWNER. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL OTHER TRADES' DRAWINGS AND SPECIFICATIONS AND COORDINATING WITH ALL OTHER TRADES DURING CONSTRUCTION AND CONSTRUCTION. THE CONTRACTOR IS TO INCLUDE CIRCUIT LENGTHS OF WIRE AND CONDUIT REQUIRED TO INSTALL CONNECTED DEVICES AND EQUIPMENT SUCH AS PANELBOARDS, SWITCHBOARDS, TRANSFORMERS, ETC. WITHIN 15 FEET OF THE LOCATION SHOWN.

11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUITY OF ALL POWER, CONTROL, FIRE ALARM, SECURITY SYSTEMS, AND COMMUNICATIONS FUNCTIONS TO ALL AREAS AFFECTED BY DEMOLITION AND NEW CONSTRUCTION.

12. REPAIR AND PATCH ANY DISTURBED AREAS TO MATCH ADJACENT CONSTRUCTION.

13. DISCONNECT AND MAKE SAFE ANY EQUIPMENT TO BE REMOVED BY OTHERS. COORDINATE REMOVAL OF EQUIPMENT WITH OTHER TRADES PRIOR TO DEMOLITION.

14. IN ANY AREA REQUIRING THE PERFORMANCE OF ANY TRADE'S WORK, THIS CONTRACTOR SHALL CAREFULLY REMOVE AND STORE ALL OTHER ALL ELECTRICAL ITEMS IN PATH OF WORK, REINSTALLING, AND RECONNECTING SAME AS REQUIRED. ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED AFTER COMPLETION OF OTHER TRADE'S WORK IN THAT AREA.

15. PRIOR TO THE START OF DEMOLITION, CONTRACTOR SHALL FIELD VERIFY ALL BRANCH CIRCUITS AND MAINTAIN THOSE CIRCUITS THAT EXTEND OUTSIDE THE SCOPE OF WORK.

16. AFTER RENOVATING EXISTING ELECTRICAL WORK, THE CONTRACTOR SHALL ENSURE THAT ALL REMAINING AND NEW EQUIPMENT WILL OPERATE PROPERLY, INCLUDING BUT NOT LIMITED TO BACKFEEDING OF EXISTING POWER AND LIGHTING CIRCUITS. REFER TO SINGLE LINE DIAGRAM.

17. ALL ELECTRICAL WORK INDICATED TO REMAIN SHALL BE SUITABLY PROTECTED TO PREVENT ANY DAMAGE.

18. WHERE ELECTRICAL SYSTEMS PASS THROUGH RENOVATED AREAS TO SERVE OTHER PORTIONS OF THE PREMISES, SYSTEMS SHALL BE SUITABLY PROTECTED TO PREVENT DAMAGE OR RELOCATED AND THE SYSTEMS RESTORED TO NORMAL OPERATION. ANY OUTAGES IN SYSTEMS SHALL BE COORDINATED WITH OWNER. RESTORE POWER TO EXISTING TO REMAIN EQUIPMENT IF INTERRUPTED BY DEMOLISHED CIRCUITS IN THE AREA.

19. CONTRACTOR SHALL SUBMIT FOR REVIEW, SHOP DRAWINGS FOR ALL EQUIPMENT AND MATERIALS USED ON THE PROJECT. SUBMITTALS SHALL BE REVIEWED BY THE ENGINEER BEFORE PURCHASE OF MATERIALS.

20. ALL WIRING SHALL BE COPPER, 60V, 75-90° WITH FLAME-RETARDANT, HEAT AND MOISTURE RESISTANT INSULATION. ALL NEW PANELBOARDS AND SWITCHBOARDS SHALL BE PROVIDED WITH COPPER BUSBARS, COPPER NEUTRAL BARS, AND COPPER GROUND BARS. ALL NEW TRANSFORMERS SHALL HAVE COPPER WINDINGS.

21. PERMANENTLY LABEL ALL NEW ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, DEVICE DESIGNATION AND SUPPLY CIRCUIT IDENTIFICATION. UPDATE OR REPLACE PANEL DIRECTORIES TO INCLUDE NEW CIRCUIT INFORMATION RESULTING FROM THIS PROJECT.

22. PROVIDE TEMPORARY POWER AND LIGHTING FOR ALL TRADES AS REQUIRED TO COMPLETE THE PROJECT. ALL TEMPORARY AND INTERIM EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO NFPA 110 AND NFPA 70.

23. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION THAT IS NOT SHOWN ON THE DRAWINGS.

24. OPENINGS IN EXISTING CONCRETE AND MASONRY WALLS AND FLOORS REQUIRED FOR CONDUIT INSTALLATION SHALL BE CORE DRILLED. MAXIMUM CORE DRILL SIZE SHALL BE 5" IN DIAMETER. CORE DRILL LOCATIONS SHALL BE SPACED A MINIMUM OF 6" FROM EACH OTHER MEASURED FROM THE OUTSIDE EDGE OF THE CORE DRILL. ALL CORE DRILL OPENINGS SHALL BE PROPERLY SEALED ACCORDING TO THEIR LOCATION AND APPLICATION.

25. ALL OUTAGES SHALL BE KEPT TO A MINIMUM. ALL WORK THAT REQUIRES A SUSTAINED EQUIPMENT OUTAGE SHALL BE PERFORMED CONTINUOUSLY AROUND THE CLOCK UNTIL WORK IS COMPLETED UNLESS NOTED OTHERWISE. COORDINATE OUTAGES WITH OWNER AND OTHER TRADES.

26. PROVIDE FOR EACH BRANCH CIRCUIT AND FEEDER CIRCUIT A DEDICATED EQUIPMENT GROUND WIRE. FOR SINGLE PHASE BRANCH CIRCUITS OF 20/110V OR 277V/110V, PROVIDE DEDICATED HOT, DEDICATED NEUTRAL, AND DEDICATED EQUIPMENT GROUND WIRES. SHARING OF NEUTRAL OR EQUIPMENT GROUND WIRES IS NOT PERMITTED. WIRING TO ALL HVAC EQUIPMENT AND OTHER TRADE EQUIPMENT SHALL BE IN CONDUIT. ALL EQUIPMENT AND FEEDER WIRING IN MECHANICAL, MECHANICAL/ELECTRICAL ROOMS SHALL BE IN CONDUIT. USE OF MC CABLE IS LIMITED TO BRANCH CIRCUIT WIRING ABOVE RECESSED CEILING OR CONCEALED IN WALL. WIRING TO OUTLETS ON TABLE SHALL BE PROVIDED IN EITHER EMT CONDUIT OR FLEXIBLE METAL CONDUIT. DO NOT USE PLASTIC TIE WRAPS TO SUPPORT CONDUITS AND MC CABLES. MC CABLES SHALL BE SUPPORTED AT MAXIMUM OF 6'-0" WITH SECURELY FASTENED MC CABLE SUPPORT CLAMPS, HOOKS, OR METAL CABLE BRACKETS.

27. PROVIDE IDENTIFICATION LABELS FOR ALL BRANCH CIRCUITS AND FEEDERS CIRCUITS AT JUNCTION BOXES, PANELBOARDS, TROUGHS, AND SPICE BOXES.

28. PROVIDE UNSUPPLIED FEEDERS FROM PANELBOARD OR SWITCHBOARD TO ALL EQUIPMENT, INCLUDING ALL 20 AMPERE, SINGLE POLE BRANCH CIRCUIT WIRING.

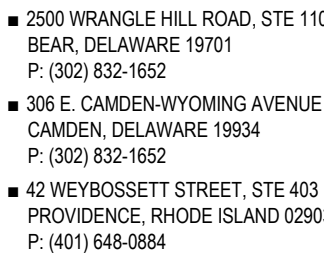
29. ALL WIRING DEVICES ARE TO BE RECESSED WHERE POSSIBLE. WHERE RECESSING IS NOT POSSIBLE, WIRING DEVICES ARE TO BE SURFACE MOUNTED WITH CIRCUIT WIRING ROLLS IN SURFACE MOUNTED CONDUIT PER SPECIFICATIONS.

30. ALL CONDUIT PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PATCHED AND SEALED WITH FIRE RATED FOAM SEALANT.

31. PROVIDE INSULATING BUSINGSH ON CONDUIT THREADS OR CONNECTORS WHERE RACEWAYS WITH CONDUITS OR MC CABLES ENTER A BOX OR ENCLOSURE. THIS BUSHING SHALL BE INSTALLED ON ALL CABLES AND CONDUITS.

	GENERAL PURPOSE DUPLEX RECEPTACLE - 20AMP, 120VOLTS, NEMA5-20R, TAMPER RESISTANT, ELECTRICAL BOX TO BE 2-1/8" DEEP.
	GENERAL PURPOSE GFCI DUPLEX RECEPTACLE - 20AMP, 120VOLTS, 20AMP, TAMPER RESISTANT, ELECTRICAL BOX TO BE 2-1/8" DEEP. OUTLETS INSTALLED OUTDOORS ON 120V OF SHALL HAVE GFCI AND ALUMINUM BOX 2-1/8" DEEP MIN, AND WHILE IN USE WEATHERPROOF COVER, THOMAS&BETTS COMPLY OR APPROVED EQL.
	JUNCTION BOX
	3/10 DISCONNECT SWITCH-HEAVY DUTY, 3POLE WITH FUSE CLIPS SUITABLE FOR CLASS "R" FUSES, NEMA1 UNLESS SHOWN OTHERWISE, 1/2" NPT ENCLOSURE, INCHES, TYPE 3A20-4, SWITCH (SIZE/TYPE SIZE), 90 CLASS 3110 OR EQL, DO NOT INSTALL ON TOP OF EQUIPMENT LABELS OR NAMEPLATES.

(D) - DENOTES EQUIPMENT OR WIRING TO BE DEMOLISHED	LSI- LONG TIME + SHORT TIME + INSTANTANEOUS
(E) - DENOTES EXISTING EQUIPMENT OR WIRING TO REMAIN	LSG- LONG TIME + LONG TIME + INSTANTANEOUS + GROUND
(N) - DENOTES NEW EQUIPMENT OR WIRING	MCR - MAIN CIRCUIT BREAKER
	MCCB - MOLDED CASE CIRCUIT BREAKER
A - AMPERS	MDB - MAIN DISTRIBUTION PANEL
AC - ABOVE CEILING	MFR - MANUFACTURER
AF - AMPERE FRAME	NTS - NOT TO SCALE
AFB - ABOVE FINISHED FLOOR	OC - ON CENTER
AT - AMPERE TRIP	PH - PHASE
ATS - AUTOMATIC TRANSFER SWITCH	PNL - PANEL
BLDG - BUILDING	RM - ROOM
C - CONDUIT	SP - SPEAKER
CB - CIRCUIT BREAKER	SPD - SURGE PROTECTIVE DEVICE
DISC - DISCONNECT	SW - SWITCH
ENCL - ENCLOSURE	SWBD - SWITCHBOARD
FA - FIRE ALARM	UG - UNDERGROUND
FC - FOOTCANDLE(S)	UN - UNINTERRUPTIBLE POWER SOURCE
G - GROUND	V - VOLTS
GGC - GROUND FAULT CIRCUIT INTERRUPTER	W - WATTS OR WIRE
KA - Kilo AMPERE	WH - WEATHERPROOF
KV - Kilo VOLT	XFRM - TRANSFORMER
KVA - Kilo VOLT AMPERE	Z - IMPEDANCE
LI - LONG TIME + INSTANTANEOUS	



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ELECTRICAL COVER SHEET

AUGUST 13, 2026

DRAWN	CHK'D	PROJECT NO.
JD	PP	26020

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CAMPUS ELECTRICAL UPGRADES AT
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PROJECT

REVISIONS

[illegible]

SHEET TITLE

ELECTRICAL SITE PLAN

ISSUE

CONSTRUCTION
DOCUMENTS

DRAWN	CHKD	PROJECT NO.
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SHEET NO.

E-101

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REVISIONS

[illegible]

SHEET TITLE

ENLARGED ELECTRICAL FLOOR PLANS

ISSUE

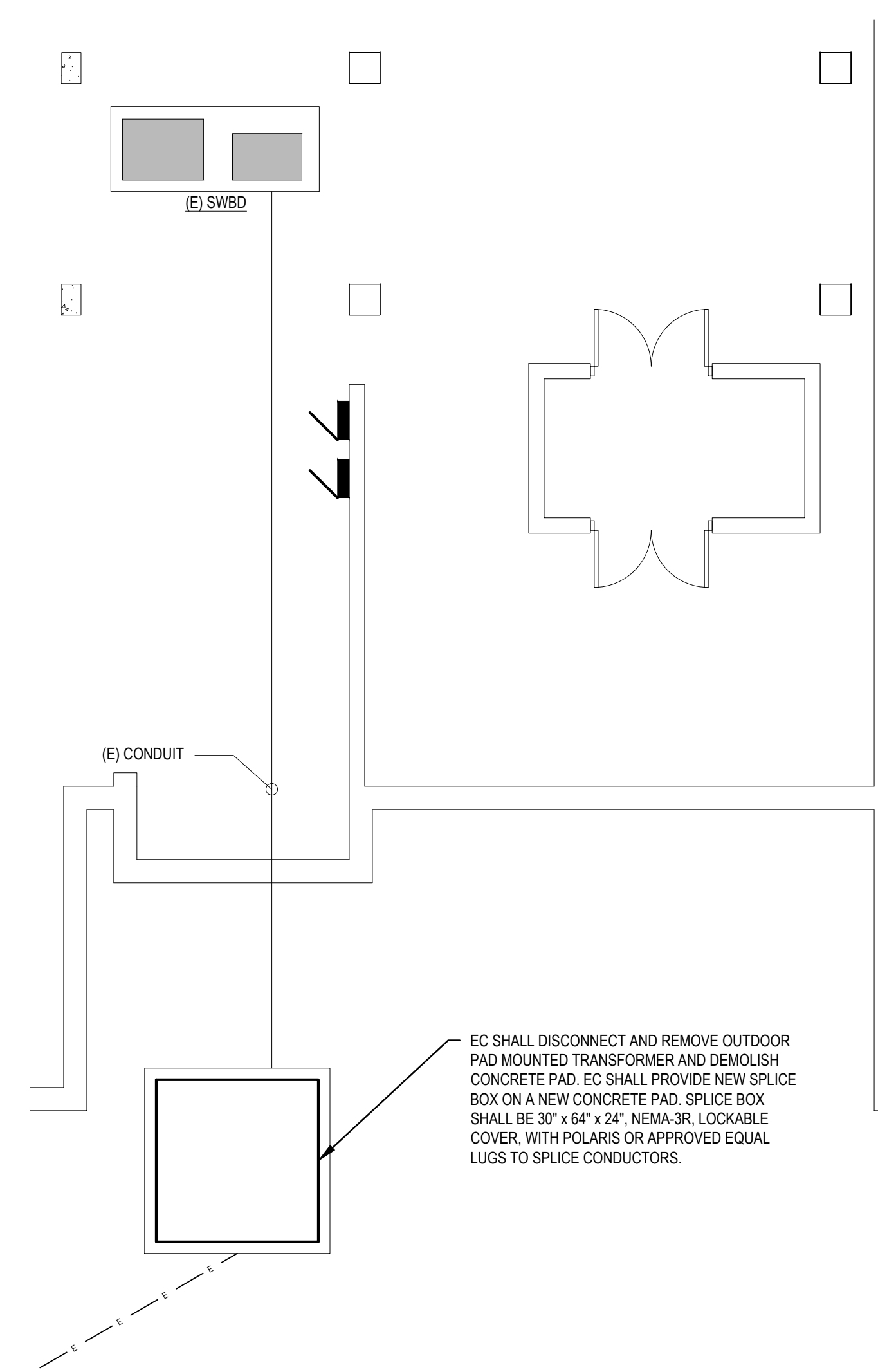
CONSTRUCTION
DOCUMENTS

AUGUST 13, 2026		
DRAWN	CHK'D	PROJECT NO.
JD	PP	26020

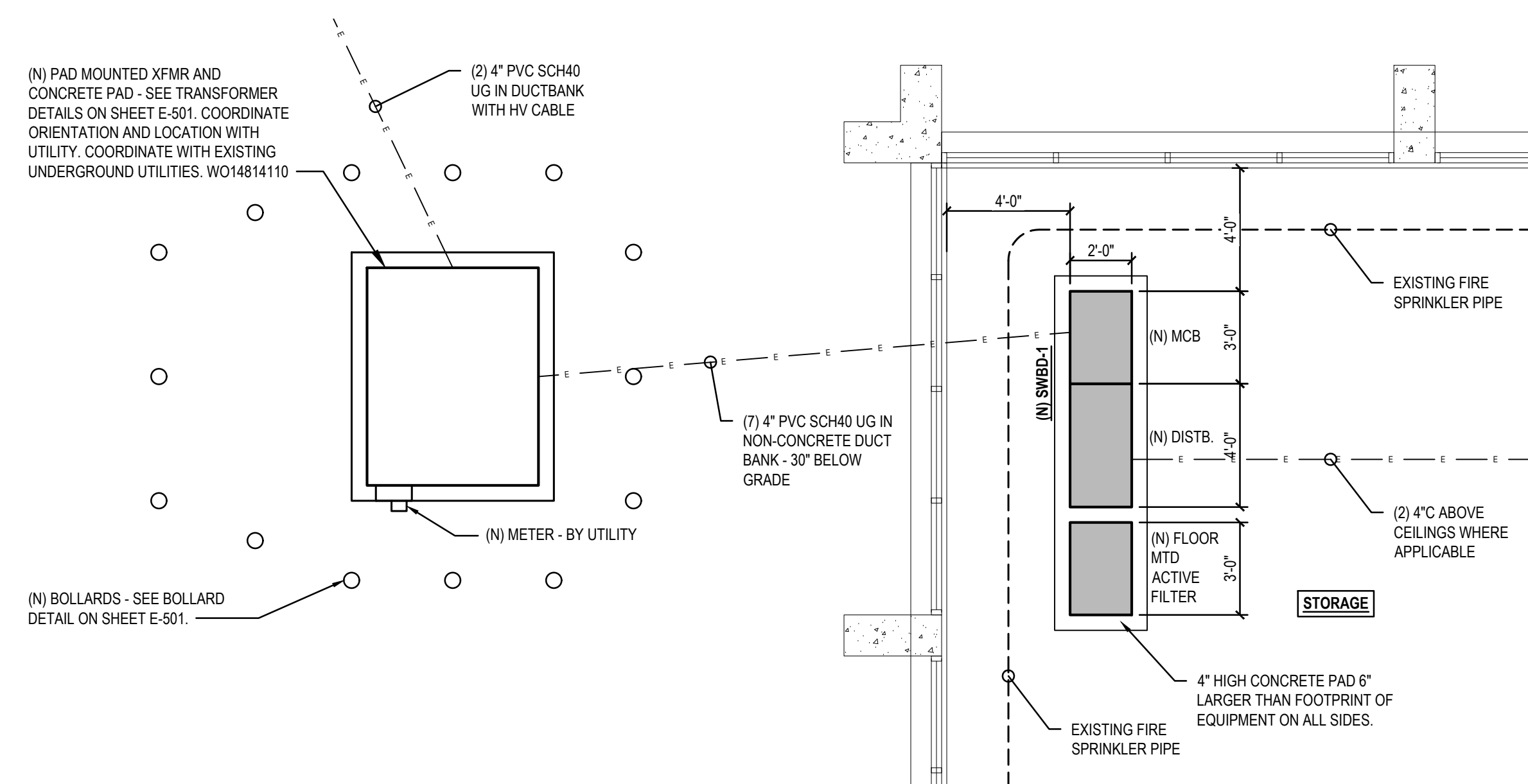
SHEET NO.

E-102

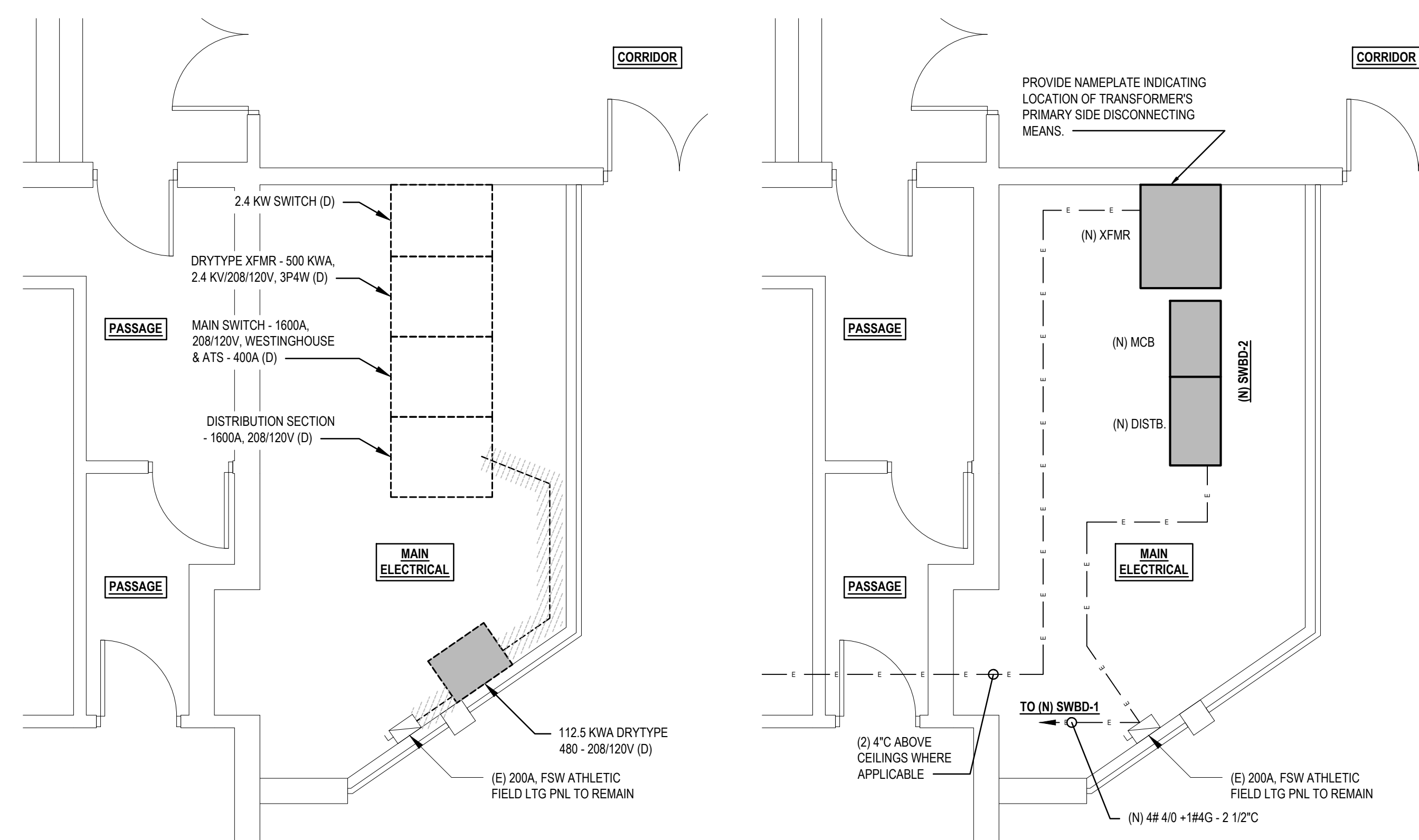
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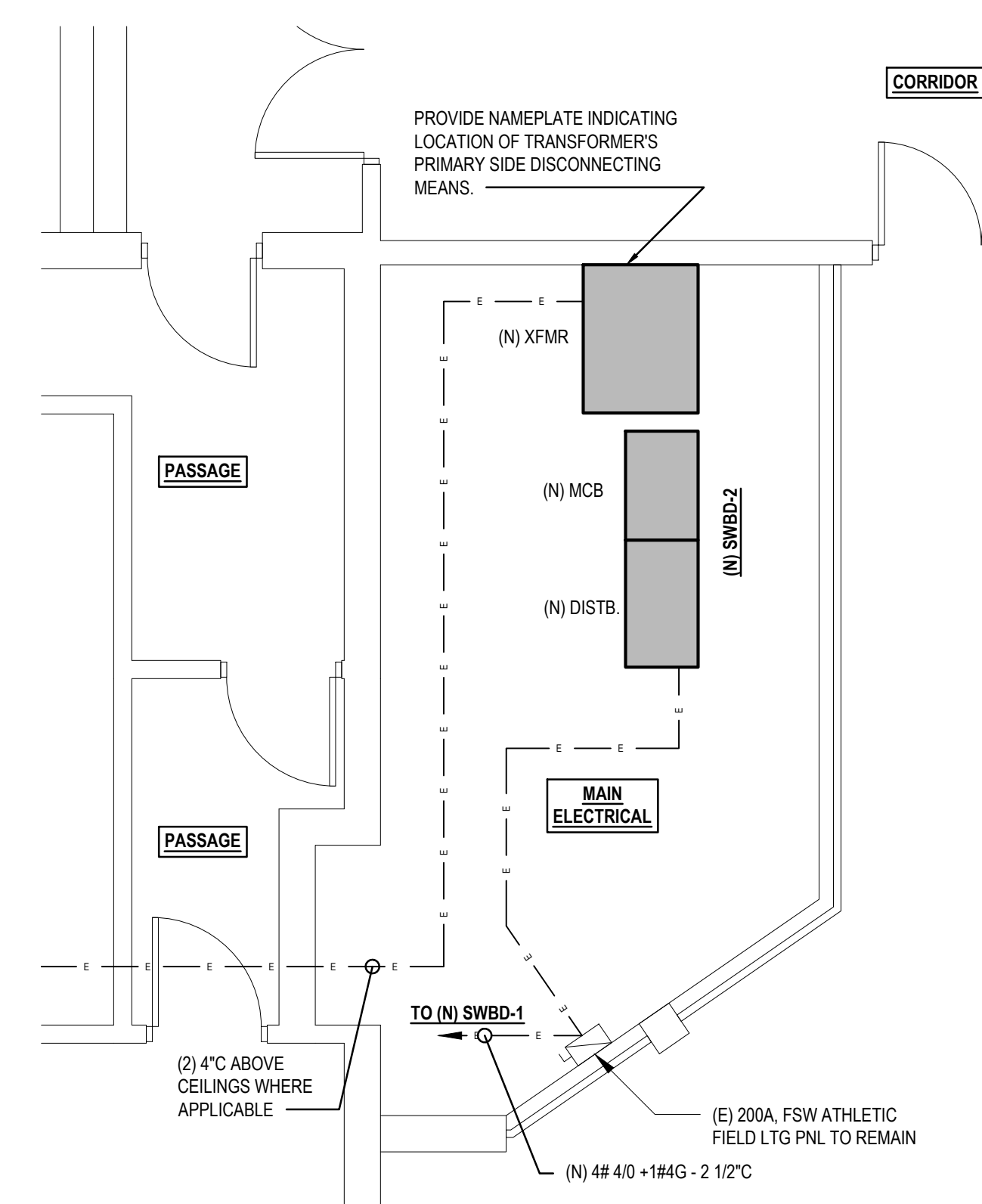
E-102 SCALE: 1/16" = 1'-0"



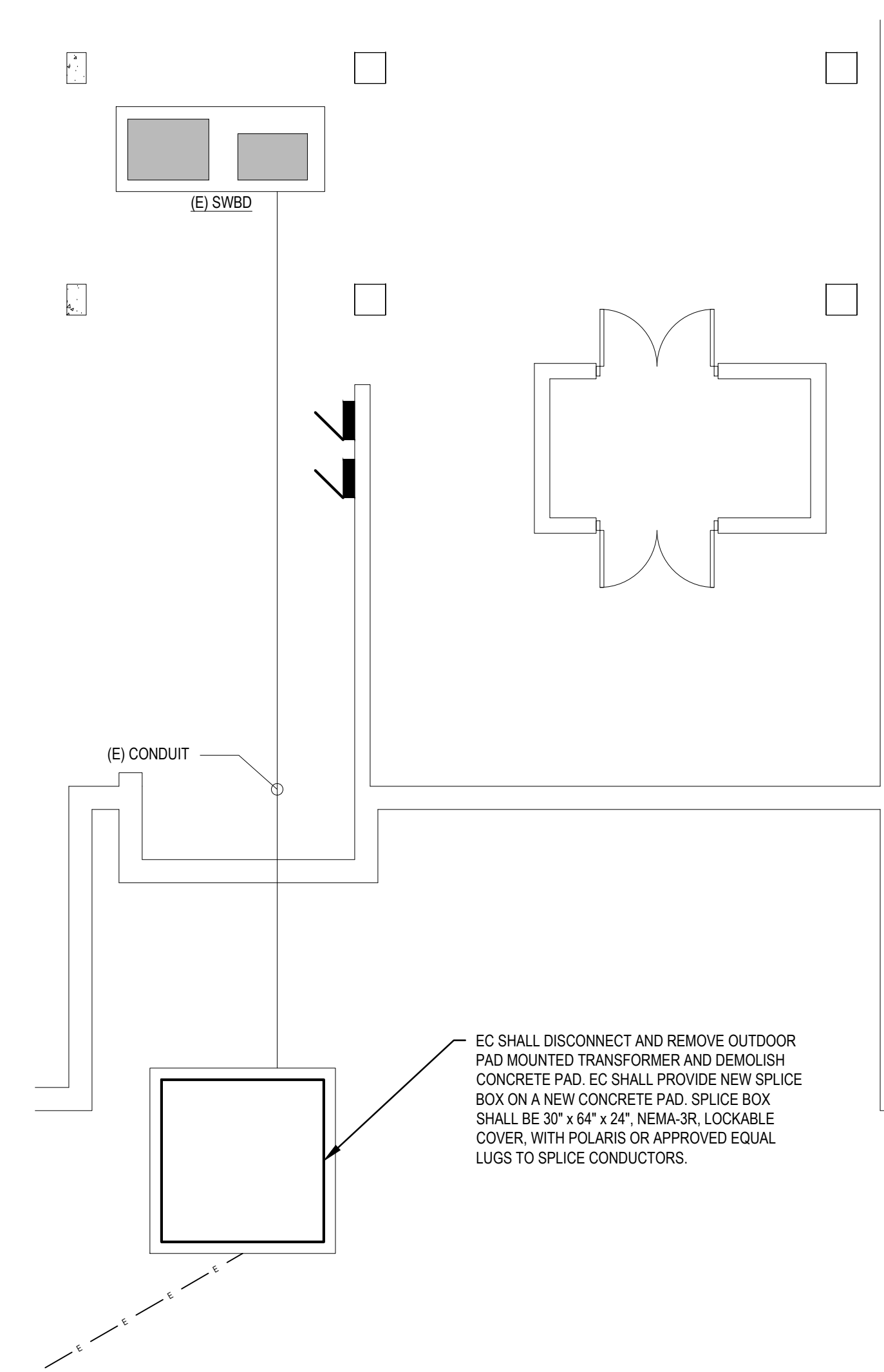
SCALE: 1/4" = 1'-0"



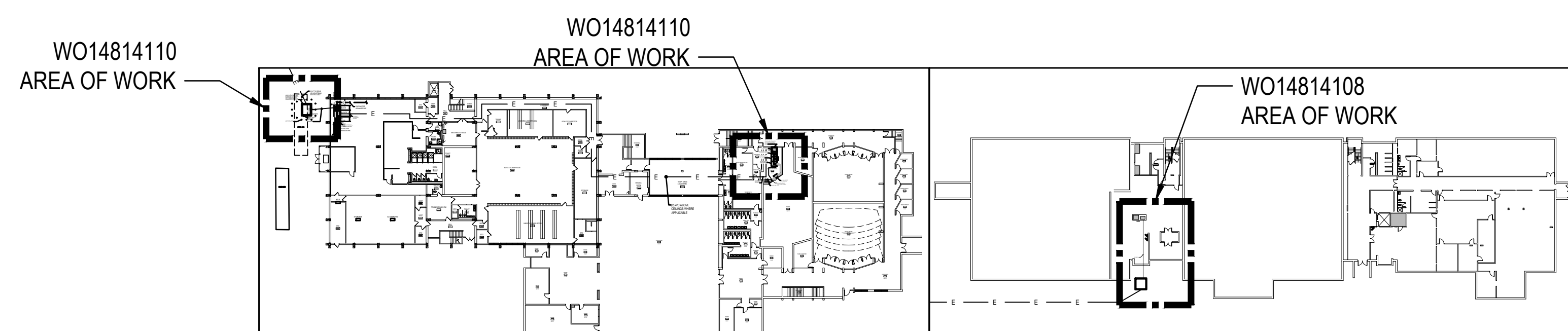
E-102 SCALE: 1/4" = 1'-0"



E-102 SCALE: 1/4" = 1'-0"



E-102 SCALE: 3/16" = 1'-0"



KEY PLAN - BLDG 1

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SHEET TITLE

ELECTRICAL DETAILS

ISSUE

CONSTRUCTION
DOCUMENTS

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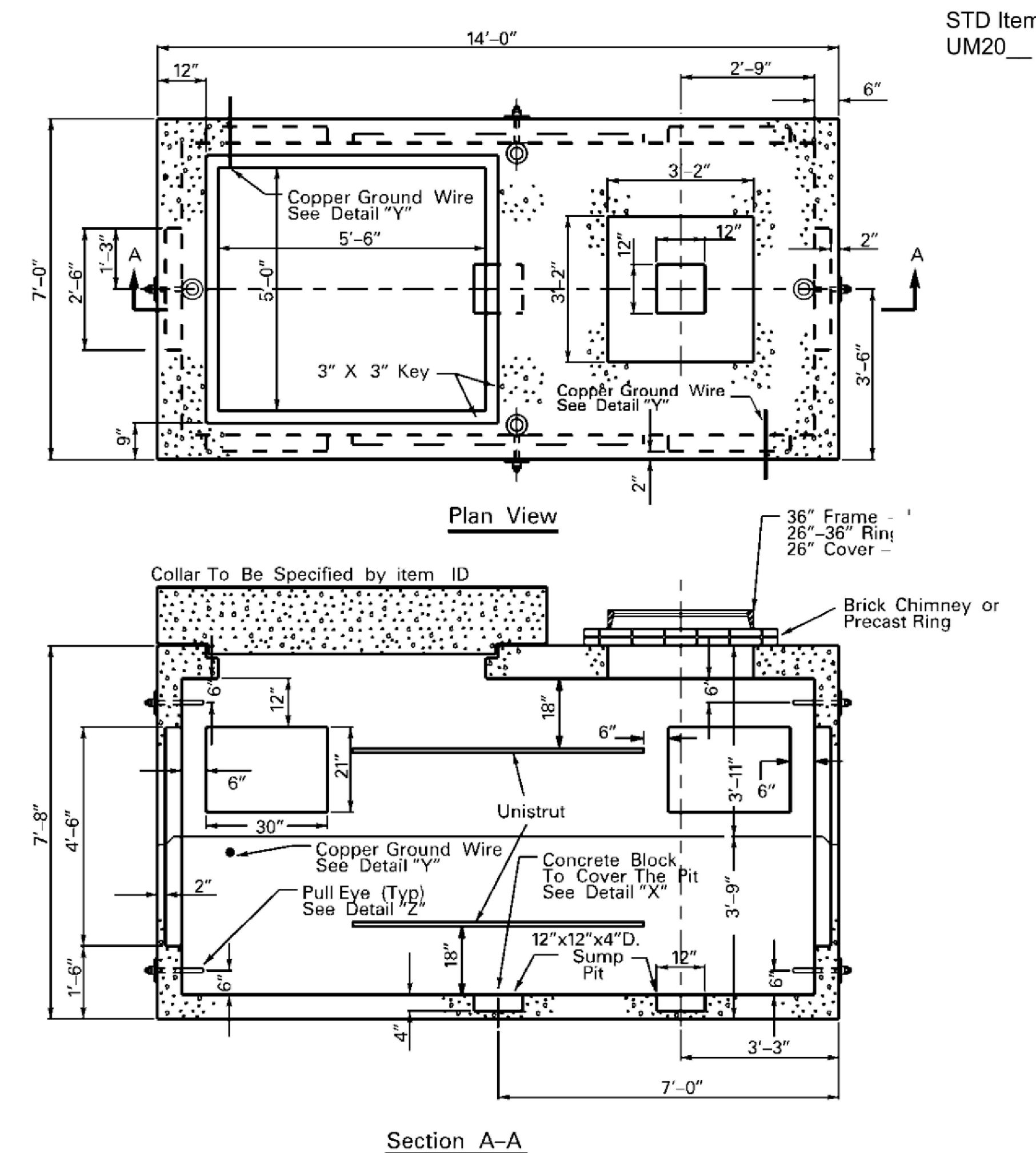
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JD	PP	26020

SHEET NO.

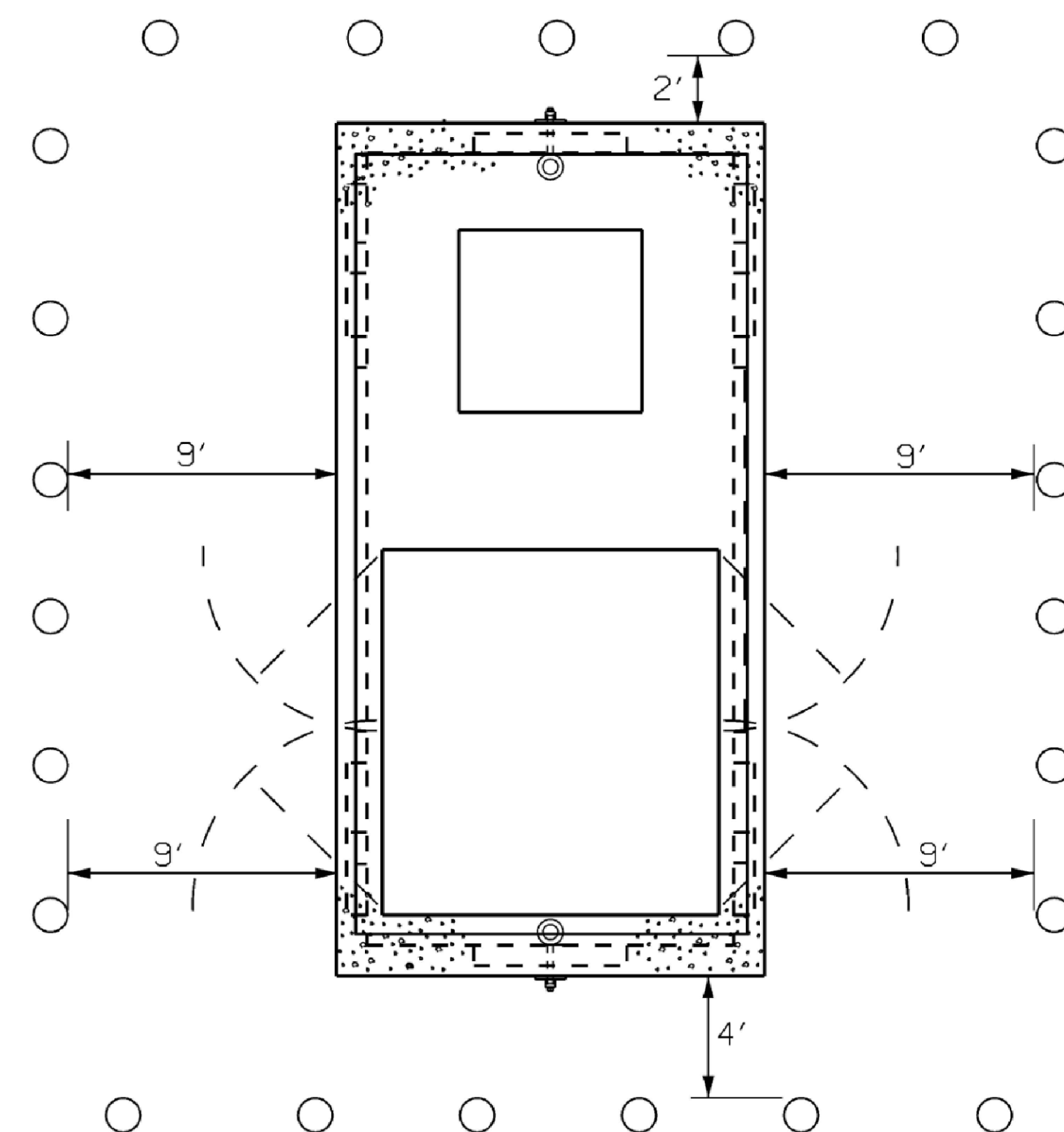
E-502

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Switchgear installation may be required as part of the infrastructure to serve certain customers. The *Customer* shall provide and install the switchgear manhole to company specification. Section 32 lists precast concrete providers. The *Company* shall identify which collar shall be used from the choices below.

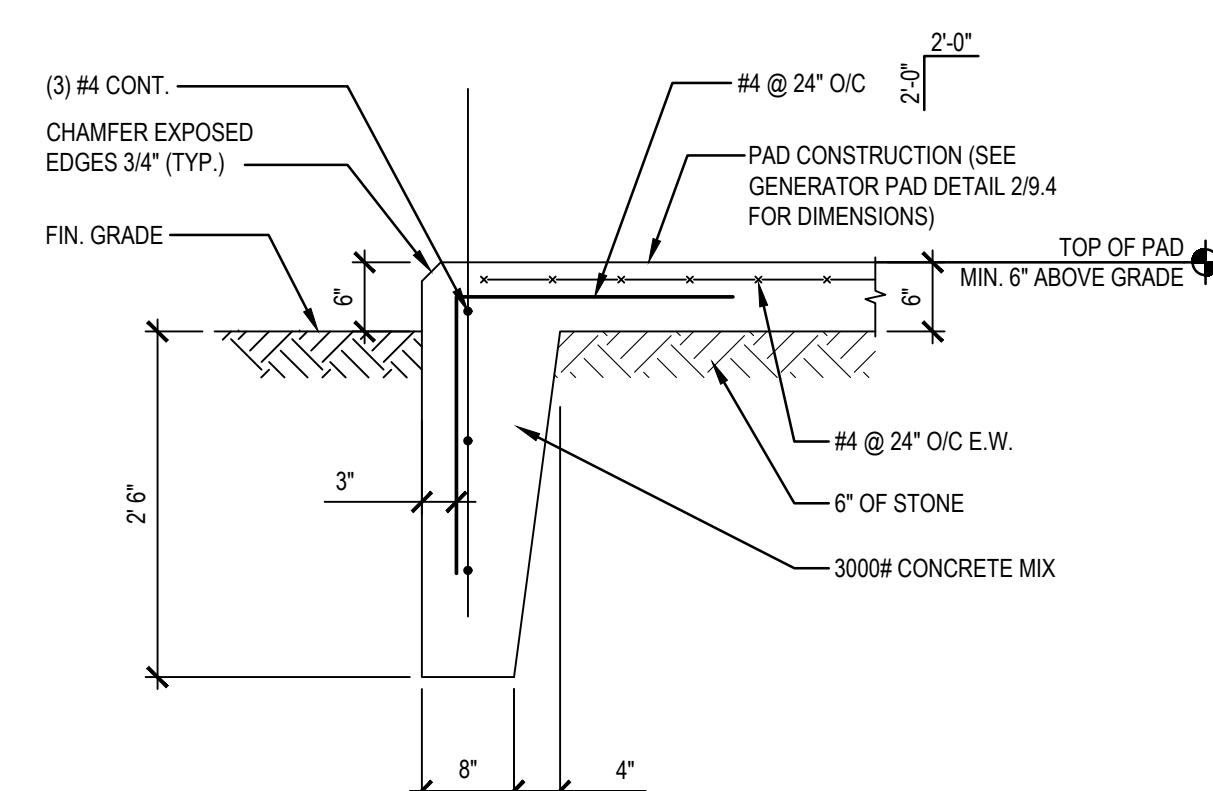


The drawing below depicts the locations for bollard installations around a switchgear manhole. Distribution Design/Planning and or company inspector shall designate the number and location of required bollards for each job. Refer to Transformer Mechanical Protection/Bollards in Section 11 for more details on bollards.

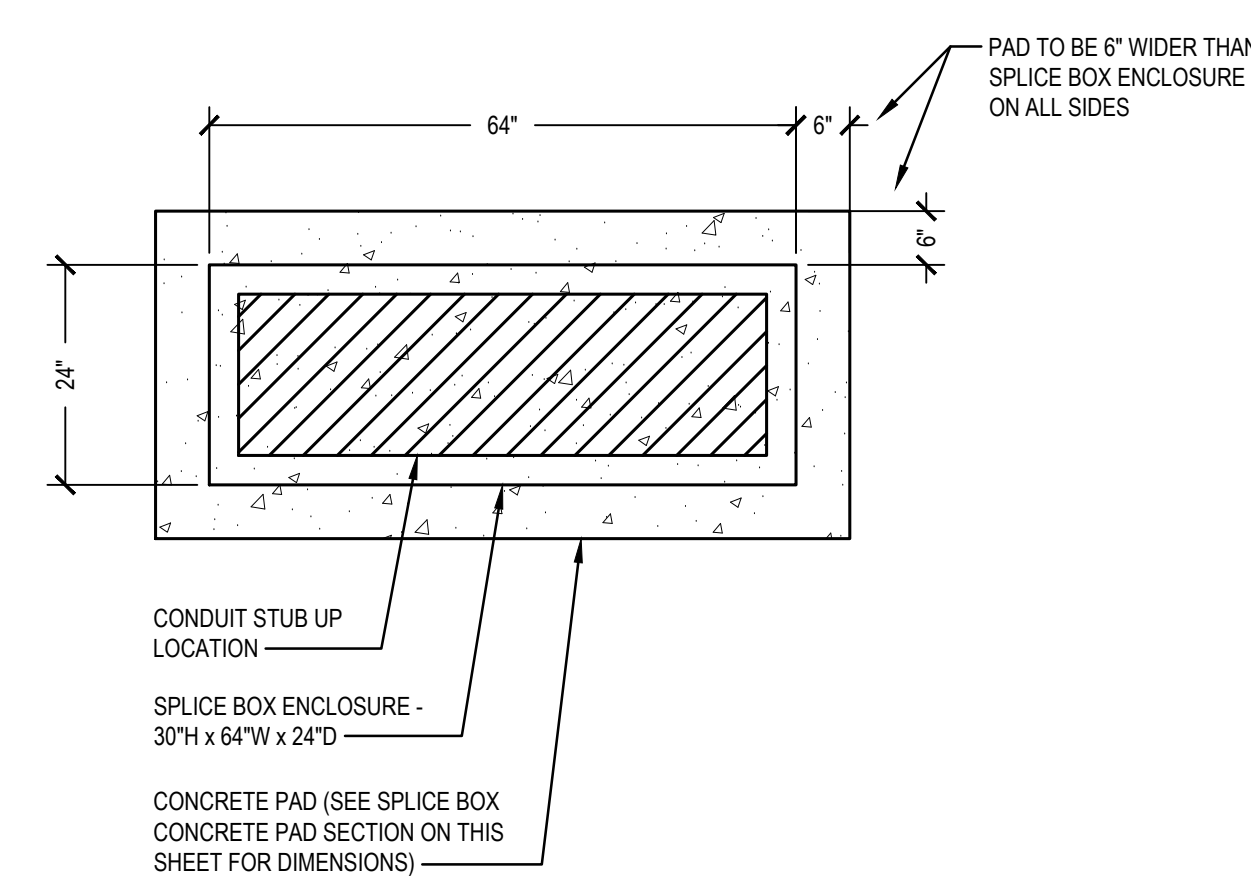


1 SWITCHGEAR MANHOLE BOLLARD LAYOUT
E-502 SCALE: NTS

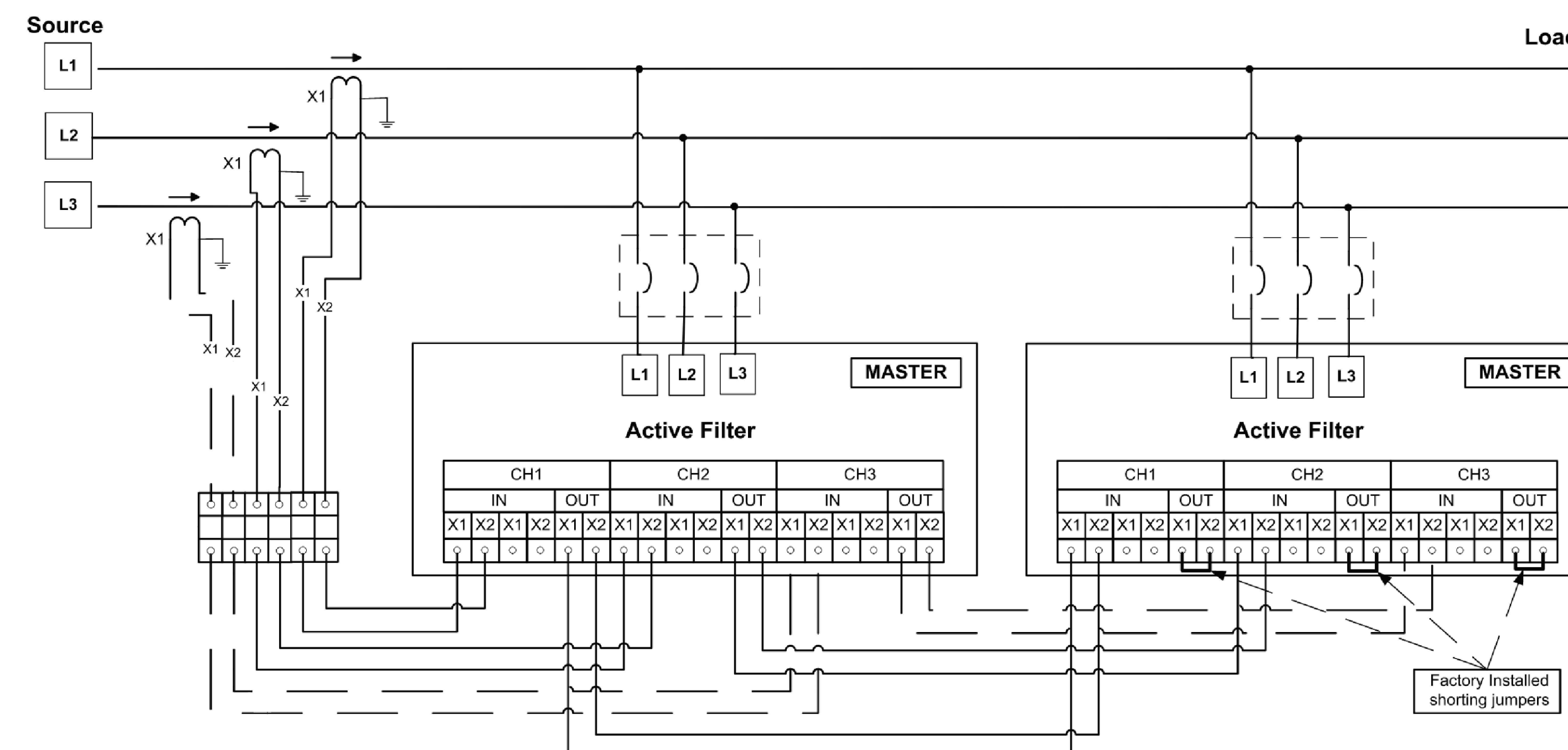
2 SWITCHGEAR MANHOLE PLAN & SECTION
E-502 SCALE: NTS



4 SPLICE BOX CONCRETE PAD SECTION
E-502 SCALE: NTS



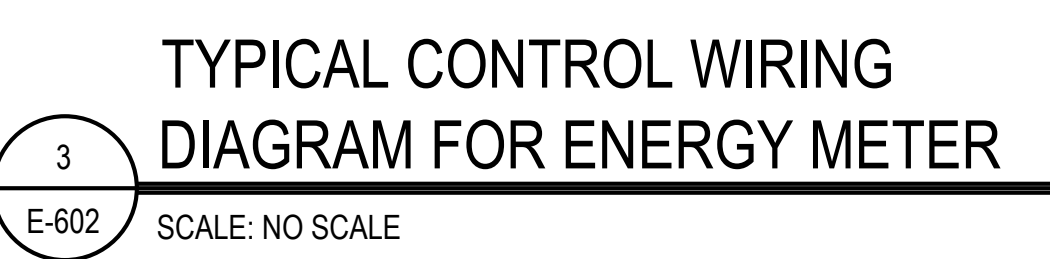
5 SPLICE BOX CONCRETE PAD DETAIL
E-502 SCALE: NTS



3 ACTIVE HARMONIC FILTER WIRING DIAGRAM
E-502 SCALE: NTS

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E-602

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