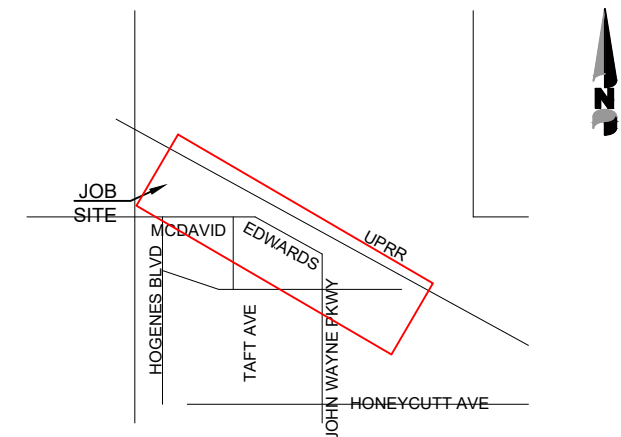
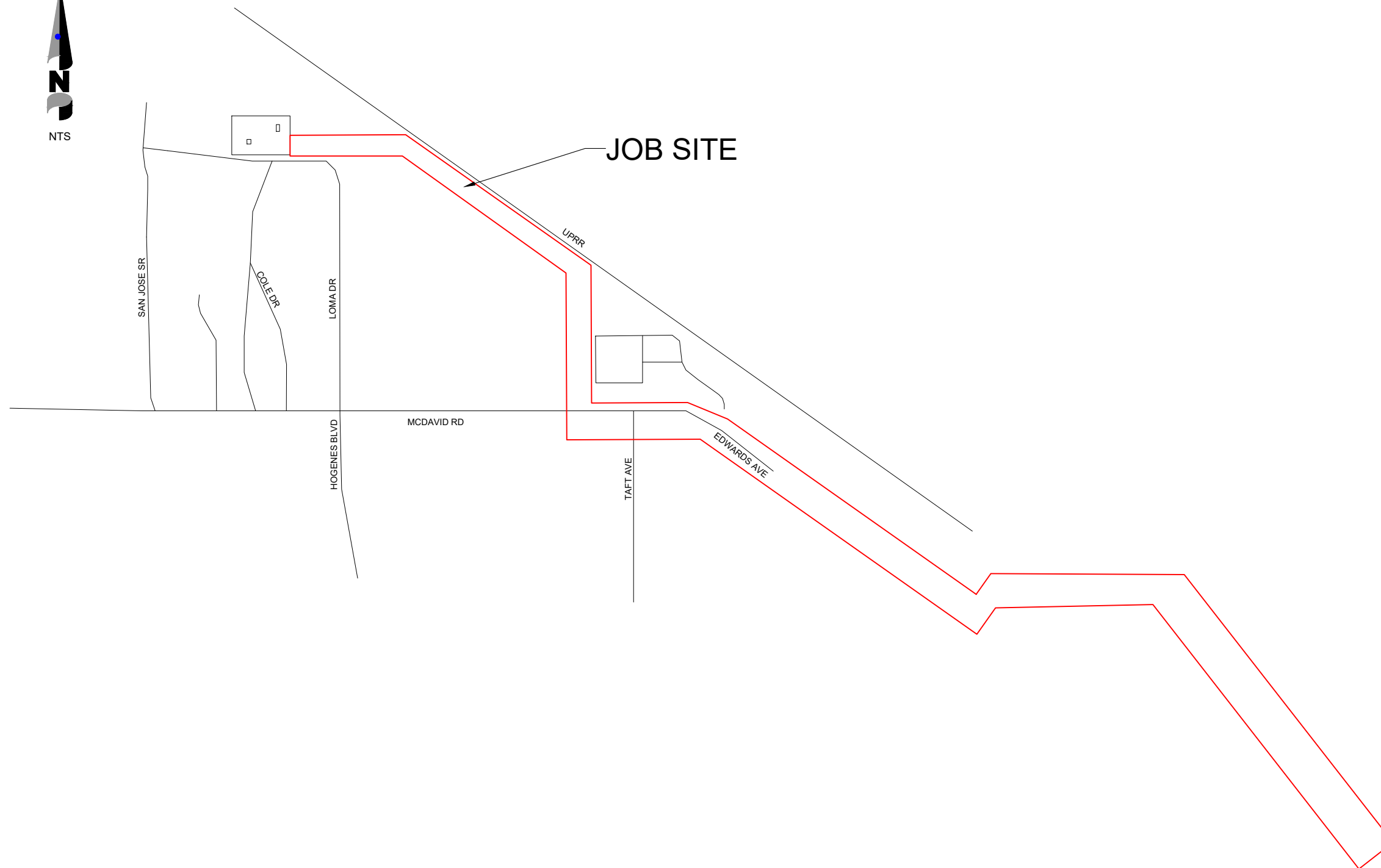




N.T.S.
PINAL COUNTY
T 4 S, R 3 E
SECTION 21

GENERAL CONSTRUCTION NOTES
CUSTOMER TO PROVIDE & INSTALL:

CUSTOMER WILL BE RESPONSIBLE FOR TRENCHING AND INSTALLATION OF CONDUIT. ALL CONDUIT INSTALLED MUST BE SCH40 - UL 90°C.

AN INSPECTION OF THE TRENCH AND CONDUIT WILL BE REQUIRED PRIOR TO BACKFILLING. IF TRENCH DOES NOT MEET ED3'S MINIMUM TRENCH DEPTH, IT SHALL BE EXCAVATED TO PROPER DEPTH. REFER TO TRENCH SPEC. IF CONDUIT IS ANYTHING OTHER THAN SCH40, IT SHALL BE REMOVED AND REPLACED WITH THE REQUIRED CONDUIT. CONTACT MARSHALL ROADIFER AT 520-631-9281 WITH 24 HOURS NOTICE FOR INSPECTION.

ED3 WILL NOT PLACE FACILITIES UNTIL AN EASEMENT IS ESTABLISHED AND RECORDED.

COMPACTION NOTE: UNLESS OTHERWISE SPECIFIED, ALL FILL BELOW ELECTRIC UTILITY FIXTURE FOUNDATION PADS SHALL BE 60/40 SRP BACKFILL.

<u>DATE</u>	<u>DESCRIPTION</u>	<u>POINT #S</u>	<u>INITIAL</u>
DATE STARTED:		DATE FINISHED:	



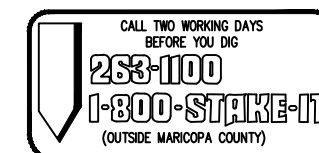
M. WEST FDR TO JWP
PHASE 2

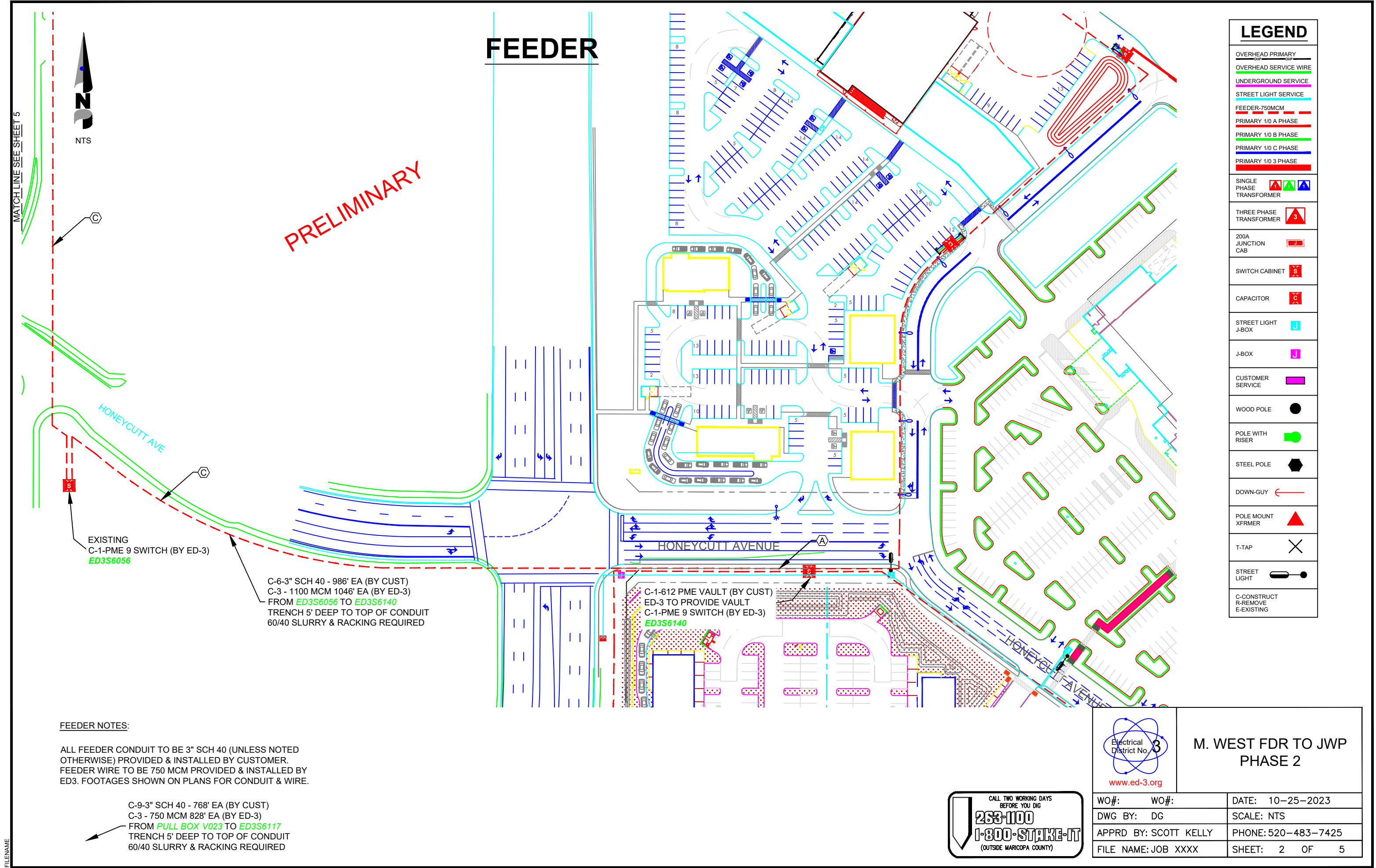
WO#:	WO#:	DATE: 10-25-2023
DWG BY: DG		SCALE: NTS
APPRD BY: SCOTT KELLY		PHONE: 520-483-7425
FILE NAME: JOB XXXX		SHEET: 0 OF 5

<u>TOTAL CONDUIT</u>	
PRI 2.5"-	SVC 2.5"-
PRI 3"-	SVC 3"-
PRI 4"-	SVC 4"-
PRI 5"-	SL 2.5"-

<u>COMM. TOTAL WIRE</u>	
750 FDR-	
2/0 PRI-	
1/0 PRI-	
500 QUAD	

<u>RES. TOTAL WIRE</u>	
1/0 PRI-	
350 TRI-	
4/0 TRI-	
2/0 TRI-	





[illegible]

-

-
- TYPICAL STORM DRAIN OR CULVERT DETAIL**
N.T.S.
- FINAL GRADE —
- STORM DRAIN OR BOX CULVERT
- 2' MIN.
- TOP CONDUIT
- TELCO/TV/GAS
- ED3
- SLOPE=20:1 MAX.

Technical drawing of a 36-inch PVC elbow and junction box assembly for a street curb.

Top View (Junction Box):

- 24" square footprint
- 4 BOLT CIRCLE (10-1/2")
- 3/4" CHAMFER

Side View (36" PVC Elbow):

- 36" height
- 2" flange
- 3/4" CHAMFER
- 36" PVC ELBOW

Assembly Details:

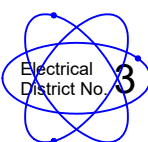
- ANCHOR BOLTS (1" DIA X 3'-0")
- CONCRETE (CLASS A)
- #6 SOLID CU GROUND WIRE
- GROUNDING PLATE (24" wide)
- FINISHED GRADE

Dimensions:

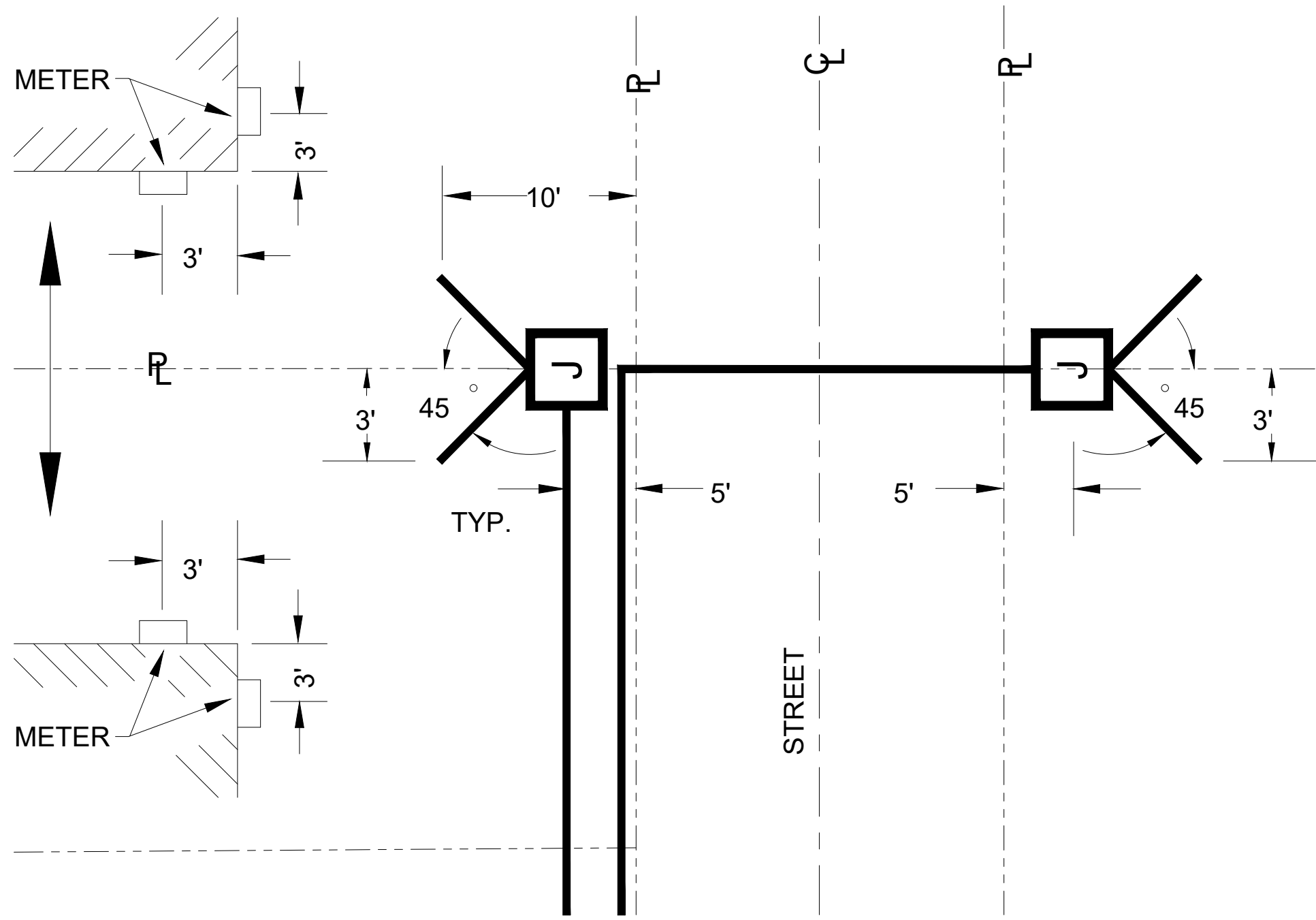
- 4" curb width
- 6" curb height
- 24" grounding plate width

Labels:

- CURB
- STREET

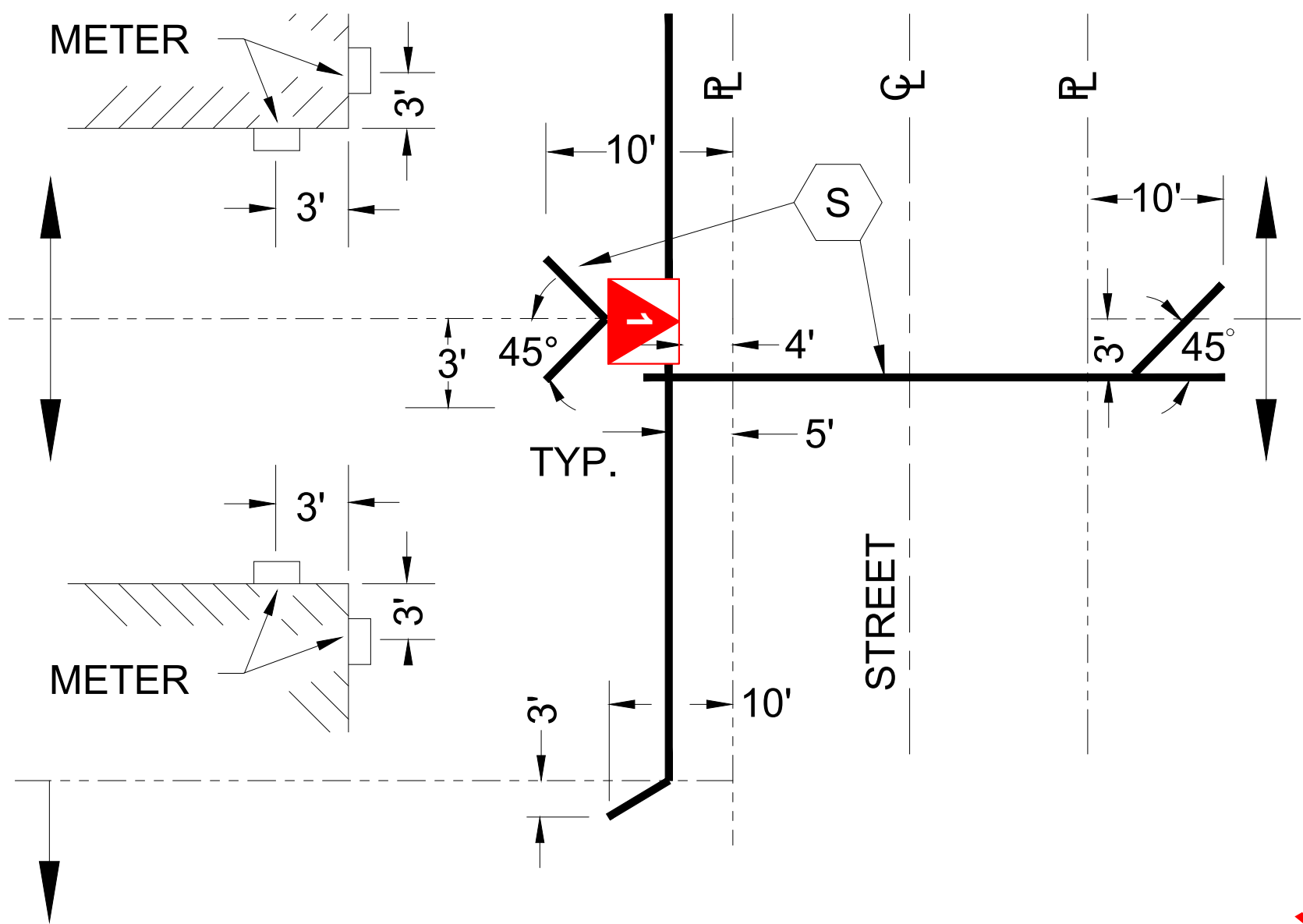
- | | | |
|---|-----------------------------|-------------------------|
|  | <h1>M. WEST FDR TO JWP</h1> | |
| | | |
| WO#: | WO#: | DATE: 10/25/2023 |
| DWG BY: DG | SCALE: NTS | |
| APPRD BY: SCOTT KELLY | PHONE: 520-483-7425 | |
| FILE NAME: JOB# XXXX | SHEET: 3 OF 5 | |

J-BOX PLACEMENT
STD-UG-25



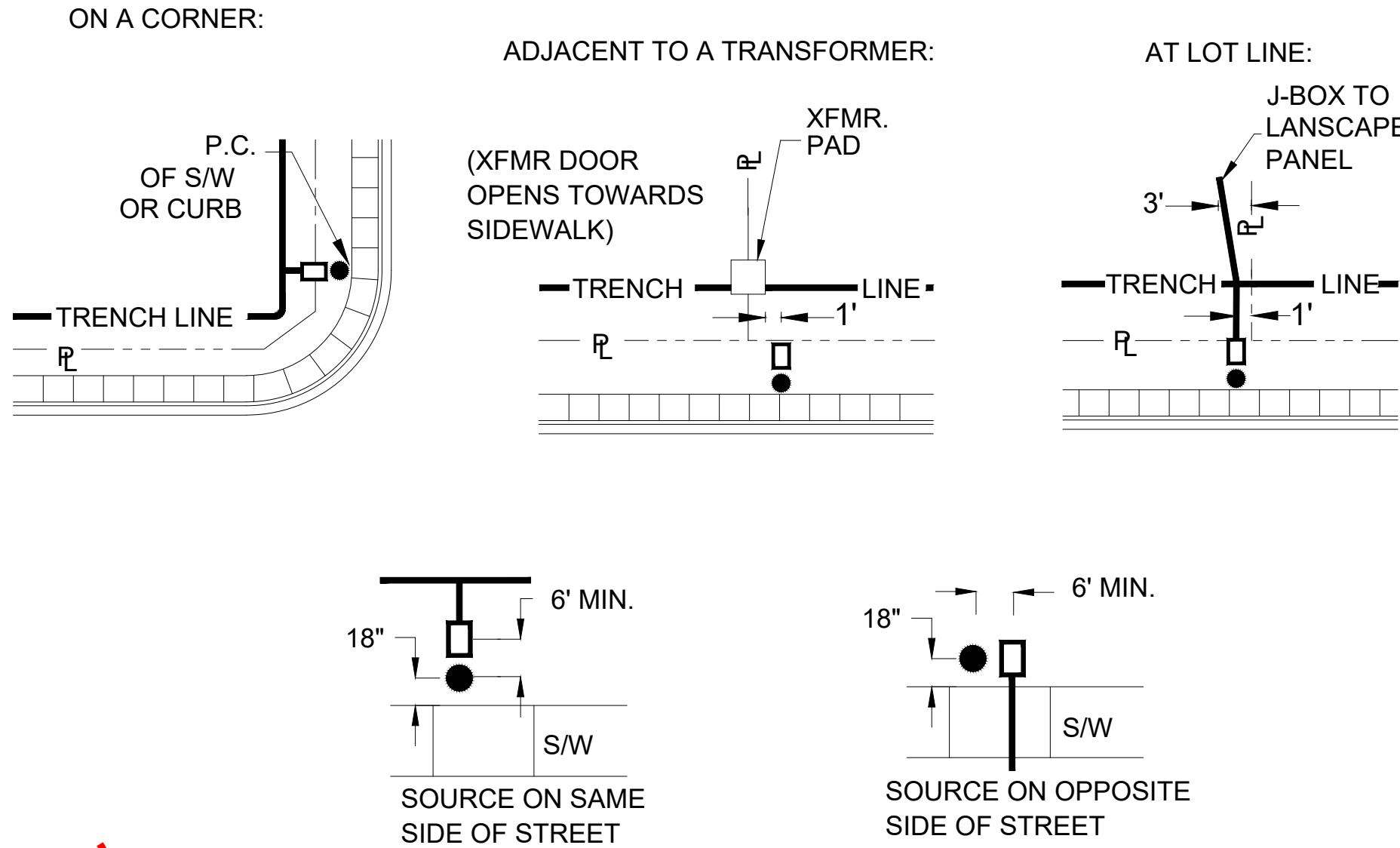
TYPICAL TRENCH & J-BOX LOCATION
(5' TRENCH OFFSET, SPLIT LOT LINES)

TRANSFORMER PLACEMENT
STD-UG-23



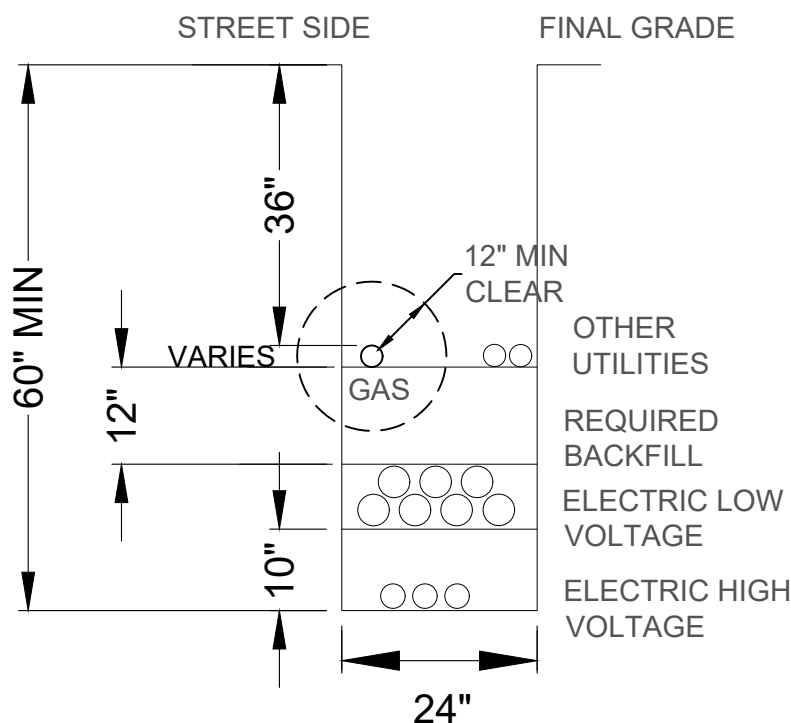
TYPICAL TRENCH & TRANSFORMER LOCATION
(5' TRENCH OFFSET, SPLIT LOT LINES)

STREET LIGHT
CLEARANCE
STD-UG-26

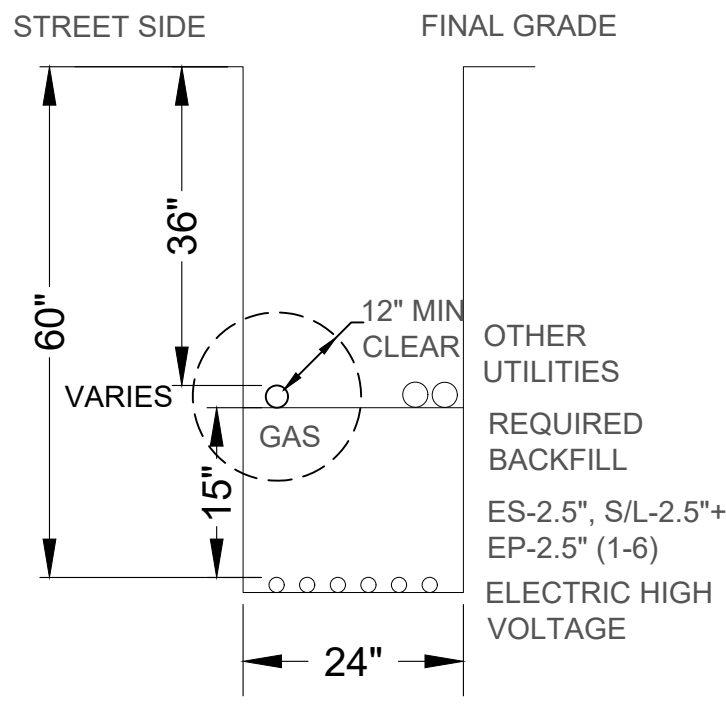


TYPICAL STREET LIGHT LOCATIONS CHECK WITH LOCAL MUNICIPALITY FOR STREET LIGHT LOCATION REQUIREMENTS.

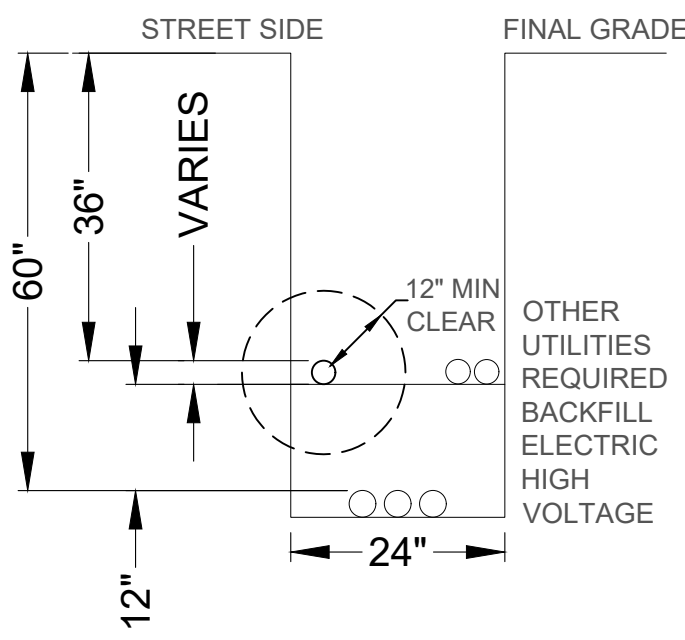
TRENCH DETAIL
STD-UG-



1 SHARED P.U.E W/ SECONDARY

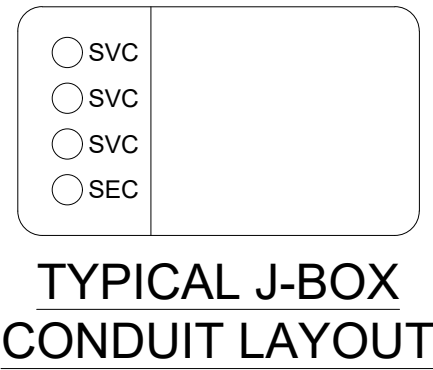
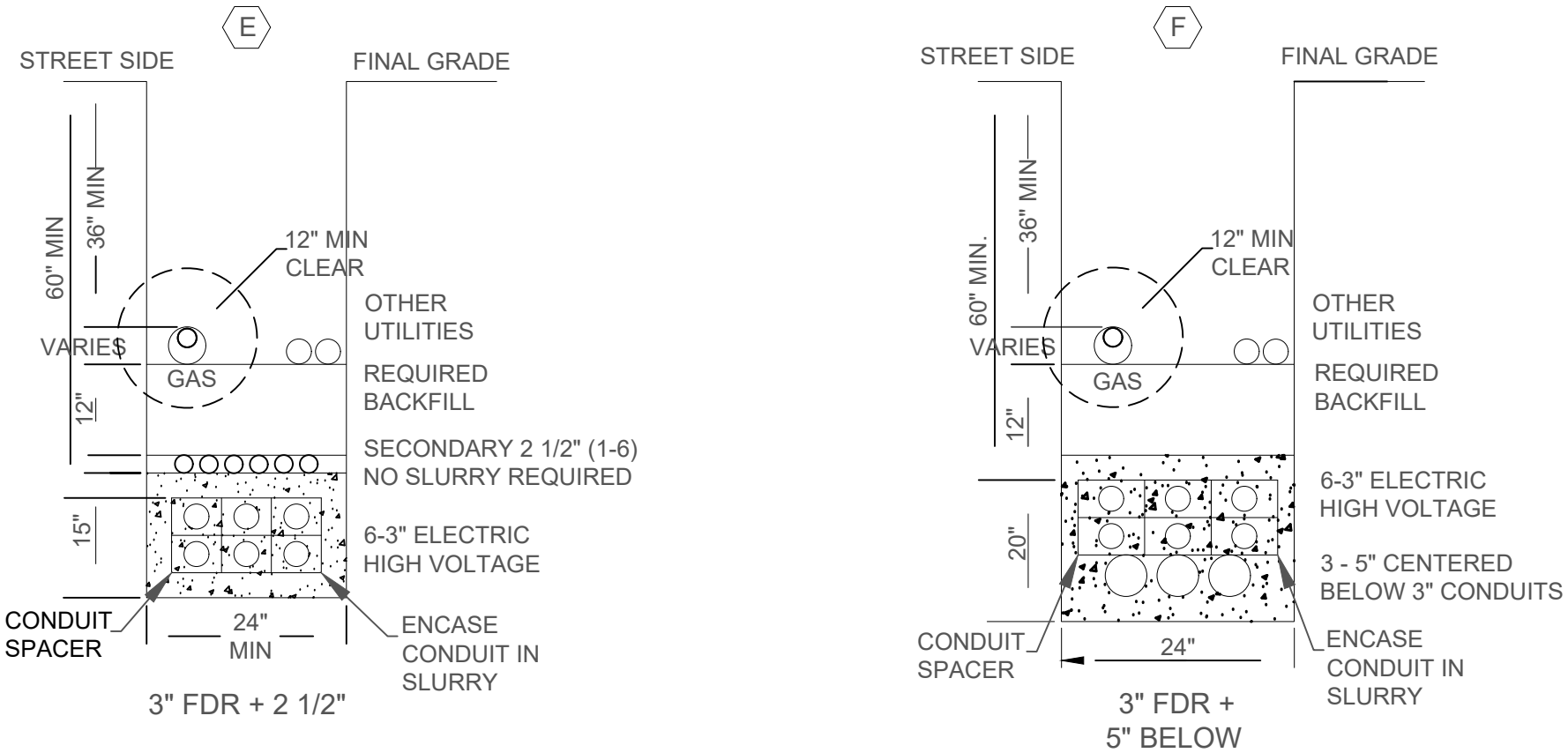
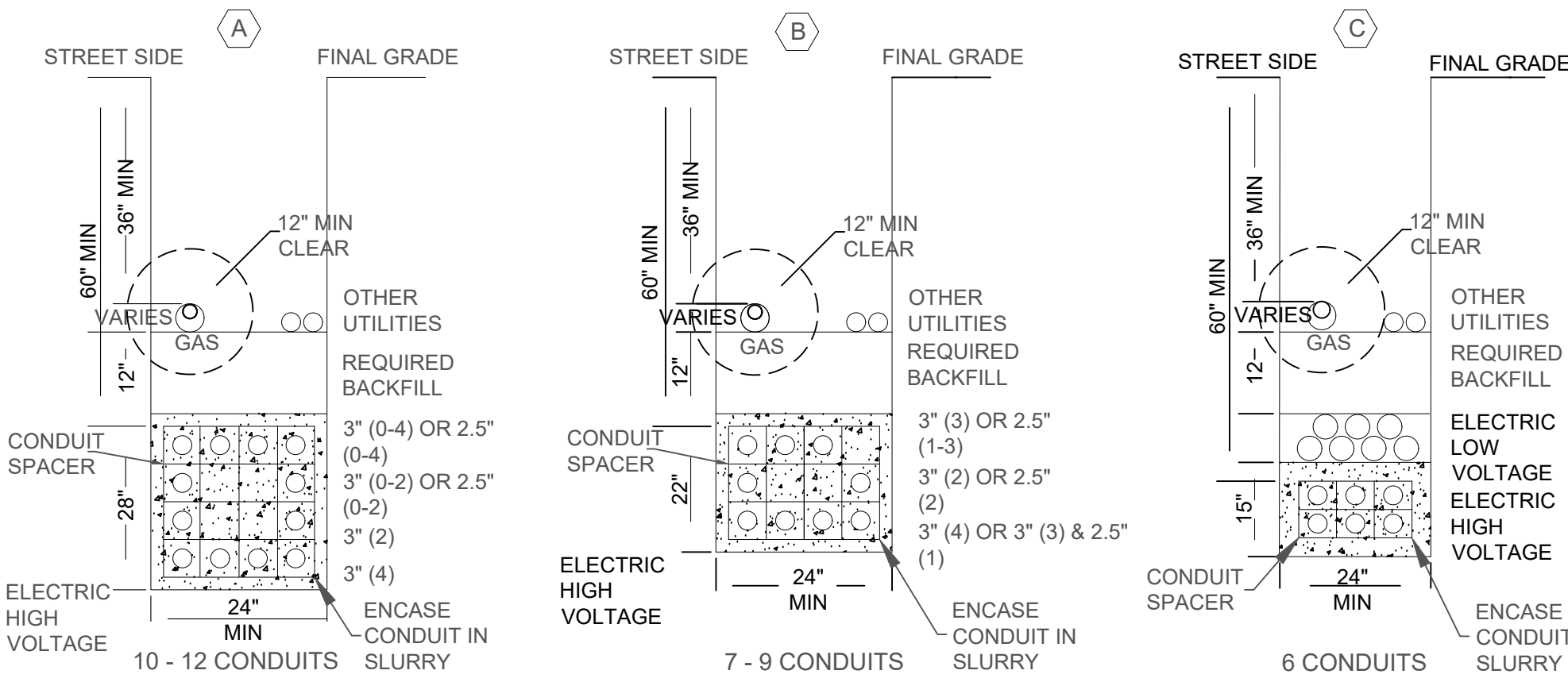


2 SHARED P.U.E - DOUBLE CIRCUIT



3 SHARED P.U.E - SINGLE CIRCUIT

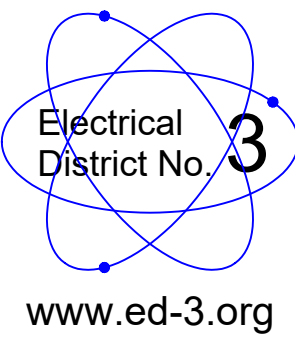
TRENCH DETAIL
STD-UG-



JOINT TRENCH NOTES:

- CHECK WITH THE LOCAL GAS COMPANY FOR BEDDING, CONDUIT, & DEPTH REQUIREMENTS.
- GAS TO MAINTAIN MIN. 12" VERTICAL SEPARATION FROM ALL ELECTRIC CONDUITS.
- CABLE TV WILL TIE 3/4" SERVICE CONDUITS.
- TELCO WILL TIE 1" ORANGE CONDUITS. 8" SHADE BETWEEN GAS, CABLE, & TELCO WILL BE PROVIDED.
- A MIN. OF 36" COVER IS REQUIRED OVER ALL FACILITIES IN CITY & COUNTY RIGHTS OF WAY.
- CUSTOMER TO INSTALL ED3 PROVIDED ELECTRONIC MARKERS AT ALL CONDUIT STUBOUTS.
- WHEN ED3 CONDUITS ARE CONCRETE ENCASED IN A JOINT TRENCH REFER TO JOINT UTILITY PLANS FOR ANY SPECIAL INSTALLATION NOTES.

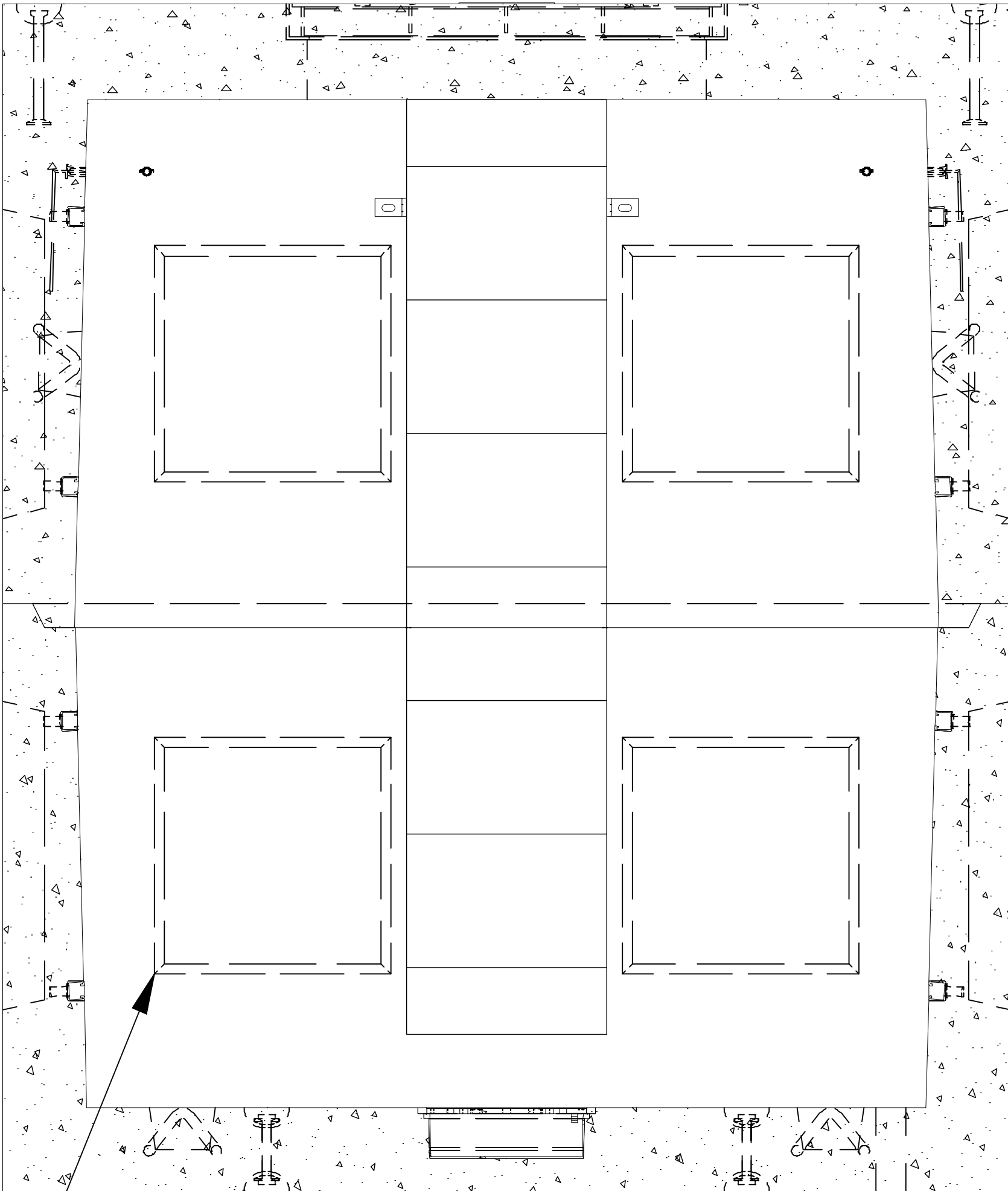
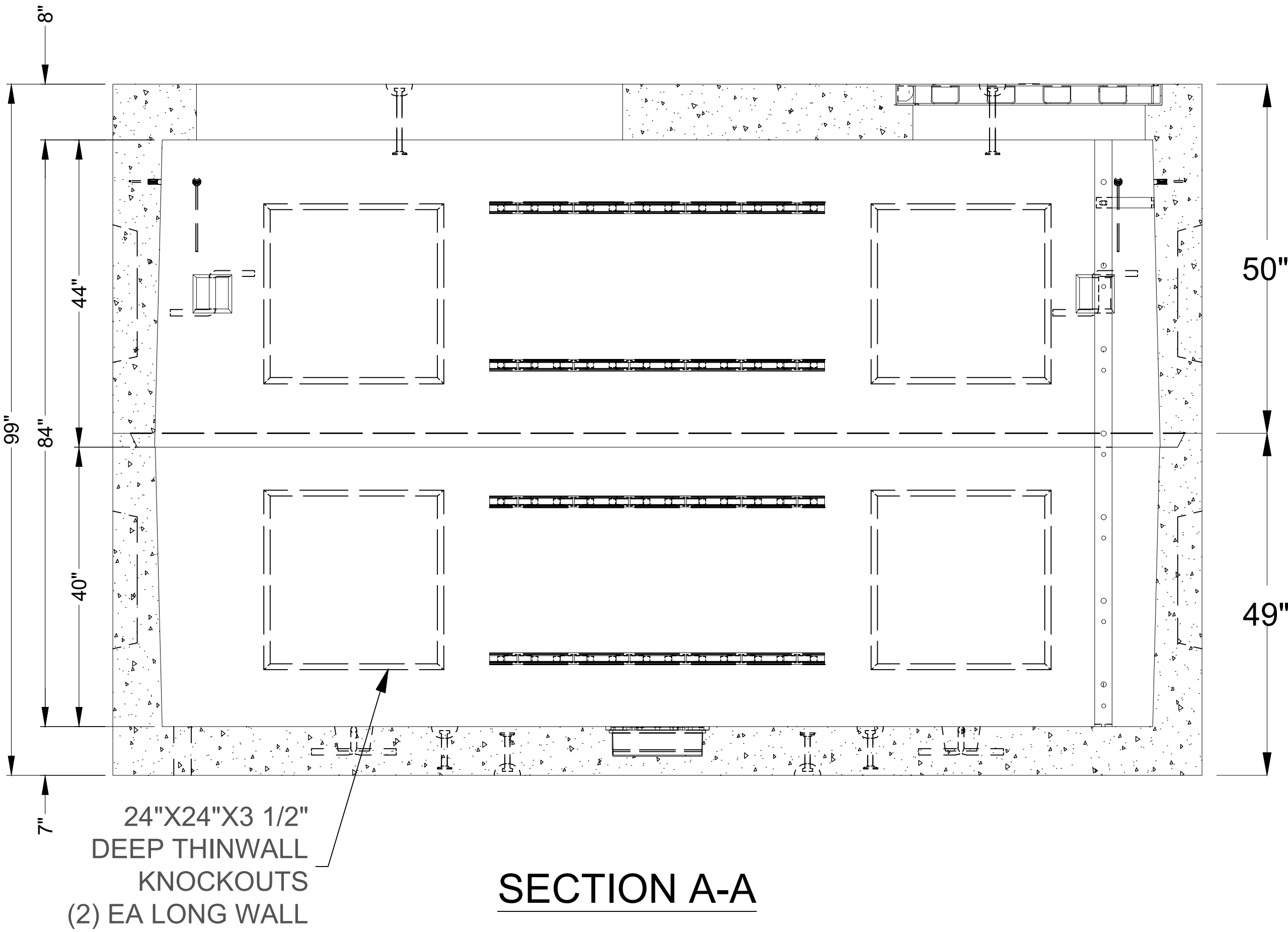
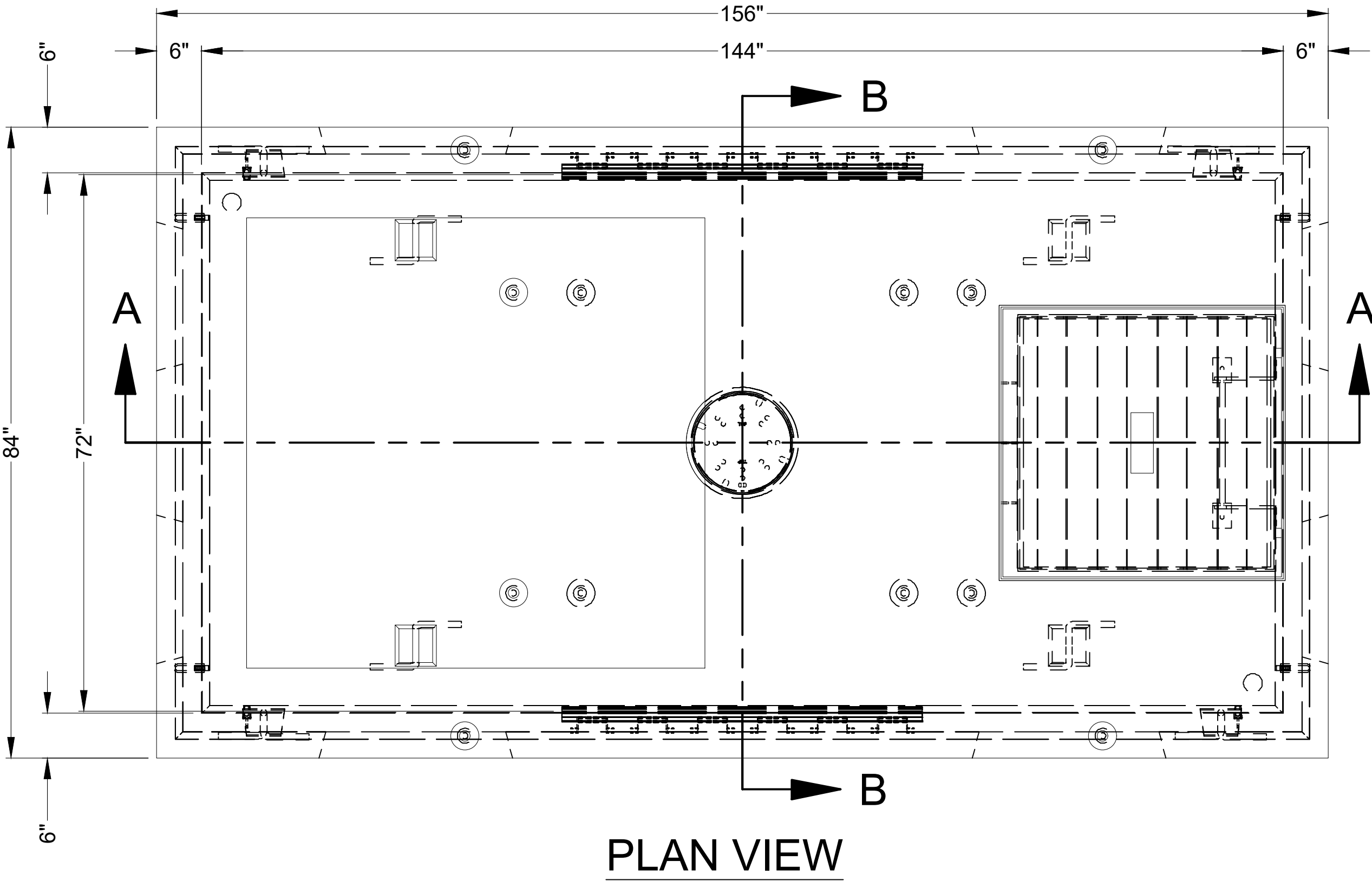
DU=DRY UTILITIES
ES, S/L, EP = ELECTRICAL (SECONDARY), STREET LIGHTING,
ELECTRICAL (PRIMARY) TEL = TELECOMMUNICATIONS



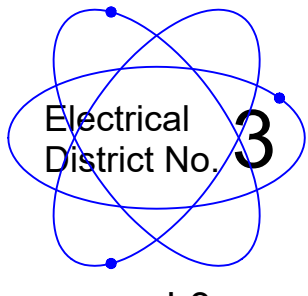
www.ed-3.org

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FILE NAME: JOB# XXXX		SHEET: 4 OF 5



APPROVED
FOR
CONSTRUCTION

 www.ed-3.org		M. WEST FDR TO JWP	
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