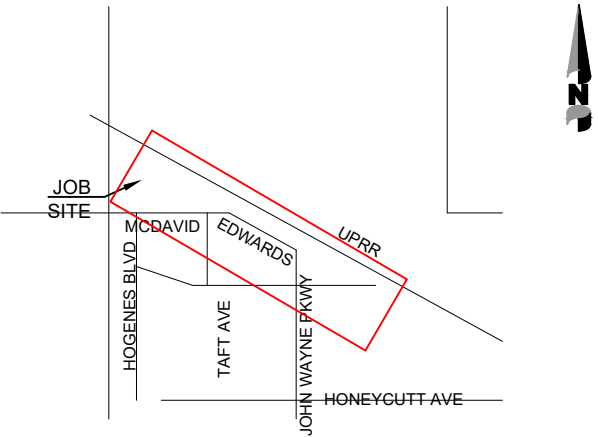
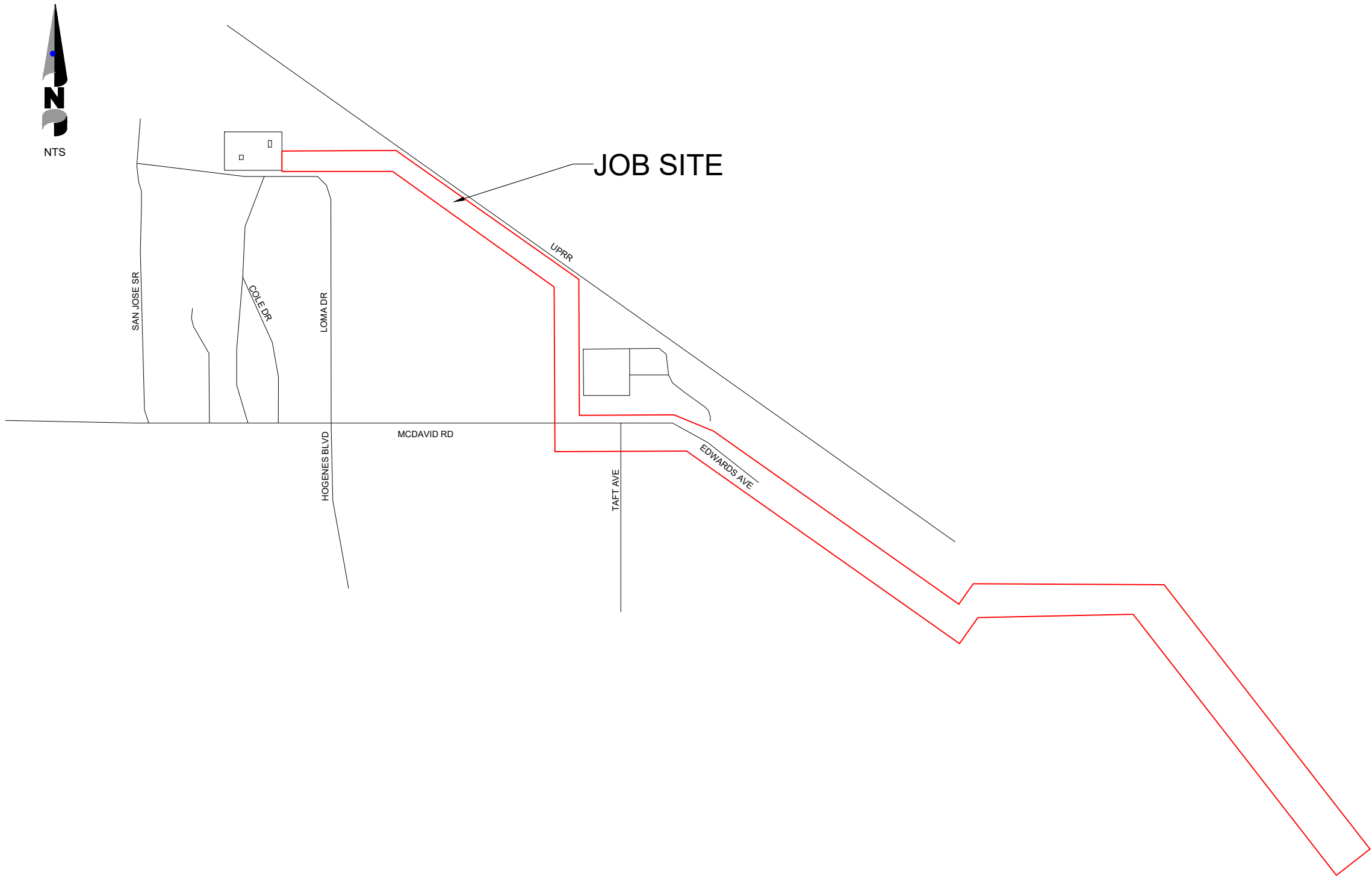


ED3 PROJECT PLANS FOR
M. WEST FDR TO JWP



VICINITY MAP

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.

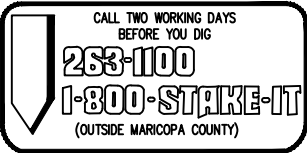
COMPACTION NOTE: UNLESS OTHERWISE SPECIFIED, ALL FILL BELOW ELECTRIC UTILITY FIXTURE FOUNDATION PADS SHALL BE 60/40 SRP BACKFILL.

DATE	DESCRIPTION	POINT #S	INITIAL
DATE STARTED:		DATE FINISHED:	

TOTAL CONDUIT	
PRI 2.5"-	SVC 2.5"-
PRI 3"-	SVC 3"-
PRI 4"-	SVC 4"-
PRI 5"-	SL 2.5"-

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

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





M. WEST FDR TO JWP
PHASE 3

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 7

MATCH LINE SEE SHEET 5

FILENAME



PRELIMINARY

FEEDER

HONEYCUTT AVE

HONEYCUTT AVENUE

HONEYCUTT AVENUE

C-1-612 PME VAULT (BY CUST)
ED-3 TO PROVIDE VAULT
C-1-PME 9 SWITCH (BY ED-3)
ED3S6140

C-6-3" SCH 40 - 591' EA (BY CUST)
C-3 - 1100 MCM 651' EA (BY ED-3)
FROM ED3S6140 TO ED3S6142
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED

FEEDER NOTES:

ALL FEEDER CONDUIT TO BE 3" SCH 40 (UNLESS NOTED OTHERWISE) PROVIDED & INSTALLED BY CUSTOMER.
FEEDER WIRE TO BE 750 MCM PROVIDED & INSTALLED BY ED3. FOOTAGES SHOWN ON PLANS FOR CONDUIT & WIRE.

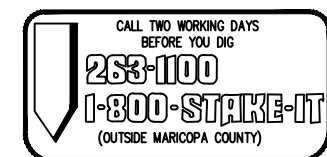
C-9-3" SCH 40 - 768' EA (BY CUST)
C-3 - 750 MCM 828' EA (BY ED-3)
FROM PULL BOX V023 TO ED3S6117
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED

LEGEND	
OVERHEAD PRIMARY	
OVERHEAD SERVICE WIRE	
UNDERGROUND SERVICE	
STREET LIGHT SERVICE	
FEEDER-750MCM	
PRIMARY 1/0 A PHASE	
PRIMARY 1/0 B PHASE	
PRIMARY 1/0 C PHASE	
PRIMARY 1/0 3 PHASE	
SINGLE PHASE TRANSFORMER	
THREE PHASE TRANSFORMER	
200A JUNCTION CAB	
SWITCH CABINET	
CAPACITOR	
STREET LIGHT J-BOX	
J-BOX	
CUSTOMER SERVICE	
WOOD POLE	
POLE WITH RISER	
STEEL POLE	
DOWN-GUY	
POLE MOUNT XFRMR	
T-TAP	
STREET LIGHT	
C-CONSTRUCT R-REMOVE E-EXISTING	



M. WEST FDR TO JWP
PHASE 3

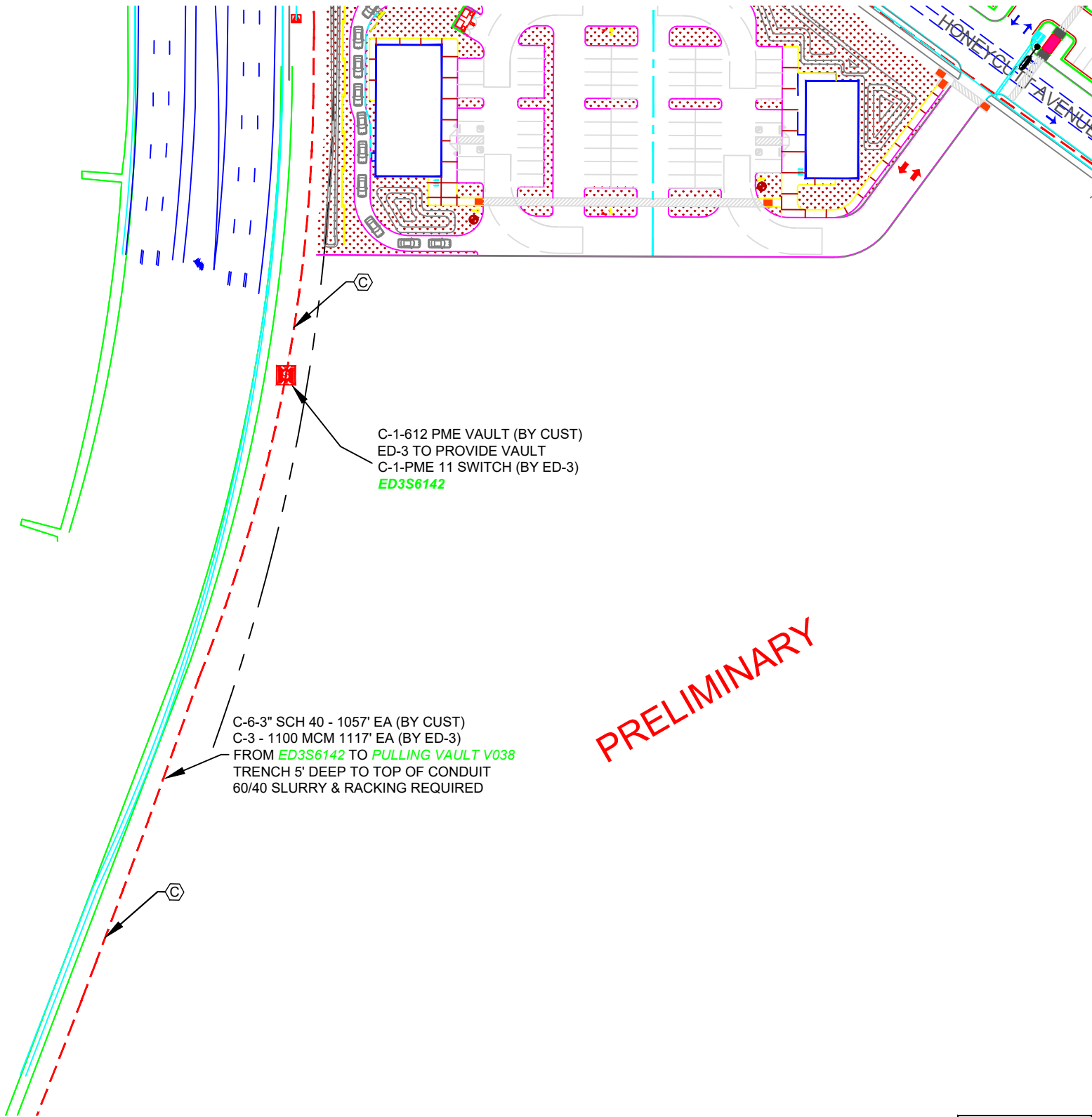
WO#:	WO#:	DATE: 10-25-2023
DWG BY: DG		SCALE: NTS
APPRD BY: SCOTT KELLY		PHONE: 520-483-7425
FILE NAME: JOB XXXX		SHEET: 1 OF 7



FILENAME
MATCH LINE SEE SHEET 5



FEEDER



LEGEND	
OVERHEAD PRIMARY	
OVERHEAD SERVICE WIRE	
UNDERGROUND SERVICE	
STREET LIGHT SERVICE	
FEEDER-750MCM	
PRIMARY 1/0 A PHASE	
PRIMARY 1/0 B PHASE	
PRIMARY 1/0 C PHASE	
PRIMARY 1/0 3 PHASE	
SINGLE PHASE TRANSFORMER	
THREE PHASE TRANSFORMER	
200A JUNCTION CAB	
SWITCH CABINET	
CAPACITOR	
STREET LIGHT J-BOX	
J-BOX	
CUSTOMER SERVICE	
WOOD POLE	
POLE WITH RISER	
STEEL POLE	
DOWN-GUY	
POLE MOUNT XFRMER	
T-TAP	
STREET LIGHT	
C-CONSTRUCT R-REMOVE E-EXISTING	

FEEDER NOTES:

ALL FEEDER CONDUIT TO BE 3" SCH 40 (UNLESS NOTED OTHERWISE) PROVIDED & INSTALLED BY CUSTOMER.
FEEDER WIRE TO BE 750 MCM PROVIDED & INSTALLED BY ED3. FOOTAGES SHOWN ON PLANS FOR CONDUIT & WIRE.

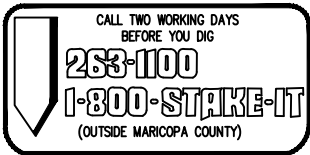
C-9-3" SCH 40 - 768' EA (BY CUST)
C-3 - 750 MCM 828' EA (BY ED-3)
FROM **PULL BOX V023** TO **ED3S6117**
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED

PRELIMINARY



M. WEST FDR TO JWP
PHASE 3

WO#:	WO#:	DATE: 10-25-2023
DWG BY: DG		SCALE: NTS
APPRD BY: SCOTT KELLY		PHONE: 520-483-7425
FILE NAME: JOB XXXX		SHEET: 2 OF 7



— MATCH LINE SEE SHEET 5

FILENAME



FEEDER

PRELIMINARY

TRANSFORMER NOTES:

ALL TRANSFORMER PADS TO BE 42" X 42"
INSTALLED BY CUSTOMER, PROVIDED BY ED3.
ALL TRANSFORMERS TO BE 120 / 240
PROVIDED & INSTALLED BY ED3.
TRANSFORMER SIZE, NUMBERS & PHASE
SHOWN ON PLANS.

50 KVA, 9 CUST
ED3T736 (CØ)

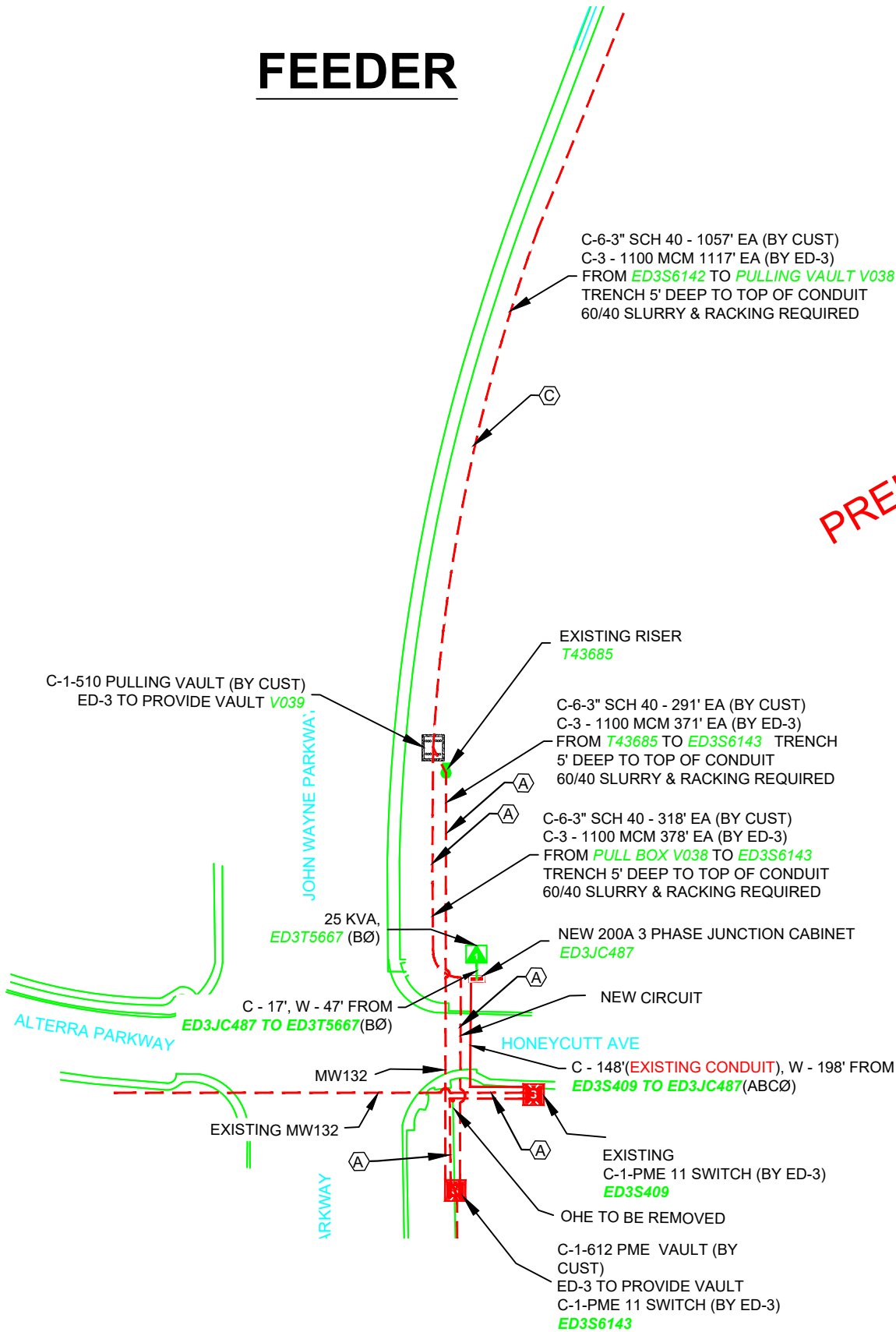
PRIMARY NOTES:

ALL PRIMARY CONDUIT TO BE 2 1/2" SCH 40
PROVIDED & INSTALLED BY CUSTOMER.
PRIMARY WIRE TO BE 1/0 PROVIDED &
INSTALLED BY ED3. PHASE & FOOTAGES
SHOWN ON PLANS FOR CONDUIT & WIRE.

FEEDER NOTES:

ALL FEEDER CONDUIT TO BE 3" SCH 40 (UNLESS NOTED
OTHERWISE) PROVIDED & INSTALLED BY CUSTOMER.
FEEDER WIRE TO BE 750 MCM PROVIDED & INSTALLED BY
ED3. FOOTAGES SHOWN ON PLANS FOR CONDUIT & WIRE.

C-9-3" SCH 40 - 768' EA (BY CUST)
C-3 - 750 MCM 828' EA (BY ED-3)
FROM PULL BOX V023 TO ED3S6117
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED



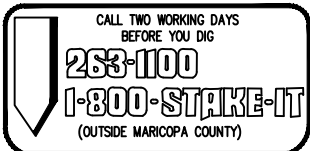
LEGEND

OVERHEAD PRIMARY	
OVERHEAD SERVICE WIRE	
UNDERGROUND SERVICE	
STREET LIGHT SERVICE	
FEEDER-750MCM	
PRIMARY 1/0 A PHASE	
PRIMARY 1/0 B PHASE	
PRIMARY 1/0 C PHASE	
PRIMARY 1/0 3 PHASE	
SINGLE PHASE TRANSFORMER	
THREE PHASE TRANSFORMER	
200A JUNCTION CAB	
SWITCH CABINET	
CAPACITOR	
STREET LIGHT J-BOX	
J-BOX	
CUSTOMER SERVICE	
WOOD POLE	
POLE WITH RISER	
STEEL POLE	
DOWN-GUY	
POLE MOUNT XFRMER	
T-TAP	
STREET LIGHT	
C-CONSTRUCT R-REMOVE E-EXISTING	



M. WEST FDR TO JWP
PHASE 3

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 7



— MATCH LINE SEE SHEET 5

FILENAME



JOHN WAYNE

FEEDER

PRELIMINARY

C-6-3" SCH 40 - 855' EA (BY CUST)
C-3 - 1100 MCM 915' EA (BY ED-3)
FROM **ED3S6143** TO **PULLING VAULT V040**
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED

OHE TO BE REMOVED.
UG SPLICE THRU PULL
BOX V040

C-1-510 PULLING VAULT (BY CUST)
ED-3 TO PROVIDE VAULT **V040**

EXISTING RISER
T43684

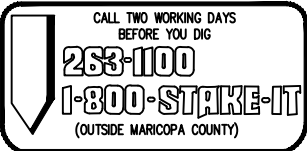
FEEDER NOTES:

ALL FEEDER CONDUIT TO BE 3" SCH 40 (UNLESS NOTED OTHERWISE) PROVIDED & INSTALLED BY CUSTOMER.
FEEDER WIRE TO BE 750 MCM PROVIDED & INSTALLED BY ED3. FOOTAGES SHOWN ON PLANS FOR CONDUIT & WIRE.

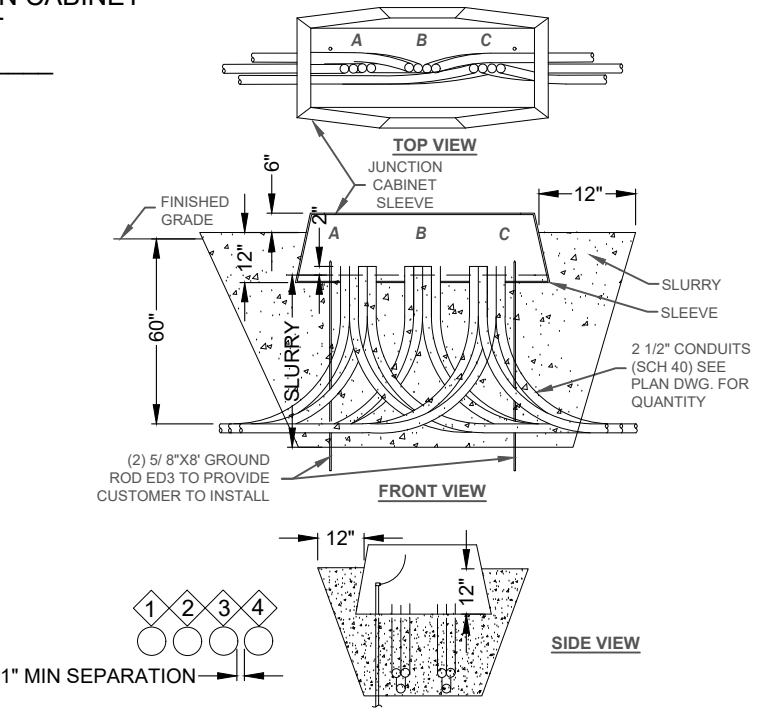
C-9-3" SCH 40 - 768' EA (BY CUST)
C-3 - 750 MCM 828' EA (BY ED-3)
FROM **PULL BOX V023** TO **ED3S6117**
TRENCH 5' DEEP TO TOP OF CONDUIT
60/40 SLURRY & RACKING REQUIRED

LEGEND	
OVERHEAD PRIMARY	
OVERHEAD SERVICE WIRE	
UNDERGROUND SERVICE	
STREET LIGHT SERVICE	
FEEDER-750MCM	
PRIMARY 1/0 A PHASE	
PRIMARY 1/0 B PHASE	
PRIMARY 1/0 C PHASE	
PRIMARY 1/0 3 PHASE	
SINGLE PHASE TRANSFORMER	
THREE PHASE TRANSFORMER	
200A JUNCTION CAB	
SWITCH CABINET	
CAPACITOR	
STREET LIGHT J-BOX	
J-BOX	
CUSTOMER SERVICE	
WOOD POLE	
POLE WITH RISER	
STEEL POLE	
DOWN-GUY	
POLE MOUNT XFRMER	
T-TAP	
STREET LIGHT	
C-CONSTRUCT R-REMOVE E-EXISTING	

		M. WEST FDR TO JWP PHASE 3	
WO#:	WO#:	DATE: 10-25-2023	
DWG BY:	DG	SCALE: NTS	
APPRD BY:	SCOTT KELLY	PHONE: 520-483-7425	
FILE NAME:	JOB XXXX	SHEET:	4 OF 7

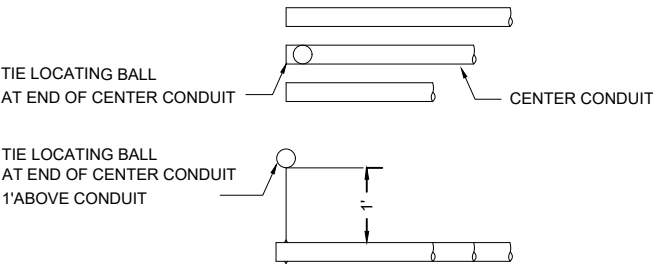


JUNCTION CABINET
CONDUIT
STD-UG-



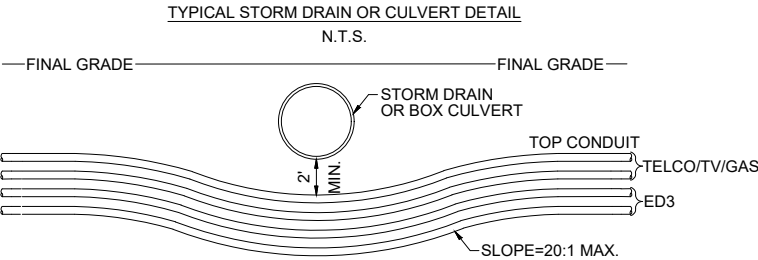
- NOTES:
1. ALL FILL BELOW ELECTRIC FOUNDATION PAD TO BE 60/40 1 SACK SLURRY BACKFILL TO BOTTOM OF TRENCH. (60% SAND, 40% 3/4" OR LESS, WASHED ROCK OR PEA GRAVEL).
 2. SEE PROJECT DRAWING FOR CONDUIT SIZE AND QUANTITY
 3. ALL CONDUIT SHALL BE SCHEDULE 40
 4. ALL SWEEPS SHALL BE 36" RADIUS
 5. THERE SHALL BE A 1" GAP BETWEEN CONDUITS AND INSIDE PAD WINDOW TO ALLOW FOR ADJUSTMENT.
 6. BLUE-TOP MUST BE AT FINAL GRADE WITH 4 SURVEY MARKERS.
 7. ALL CONCRETE PADS MUST BE 3000 PSI RATING.
 8. REINFORCING STEEL SHALL BE ASTM-A615 GRADE 60.
 9. REINFORCING STEEL SHALL BE SPACED 6" O.C. & SHALL BE SECURELY TIED.
 10. MINIMUM CONCRETE COVERAGE OVER REINFORCING STEEL SHALL BE 2".

LOCATING BALL
INSTALLATION
STD-UG-

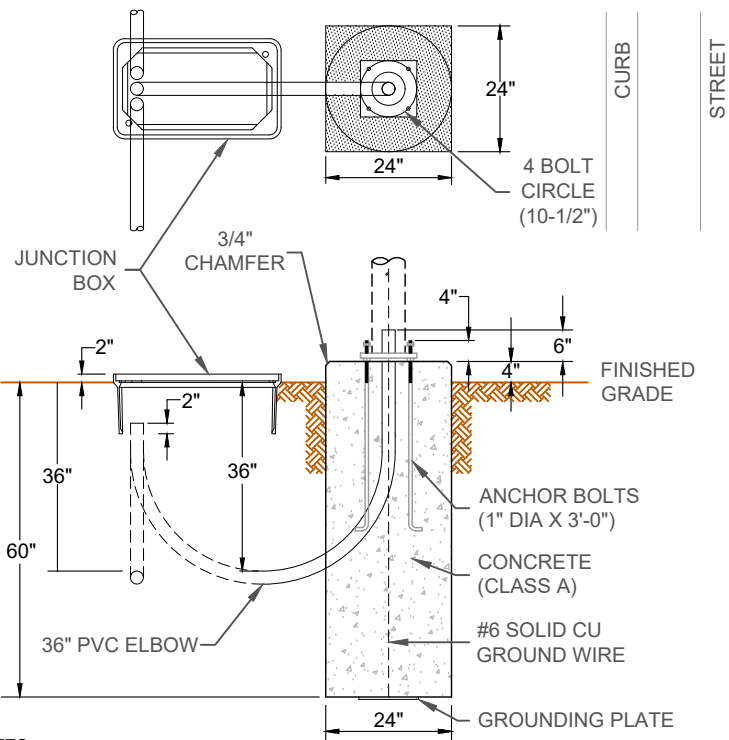


- NOTES:
1. LOCATING BALL CAN NOT BE DEEPER THAN 5' FROM FINISH GRADE.
 2. IF THE CONDUIT IS 6' DEEP OR DEEPER, THE LOCATING BALL WILL HAVE TO BE RAISED UP TO A MAXIMUM OF 5' DEEP.

STORM DRAIN
CROSSING
STD-UG-22

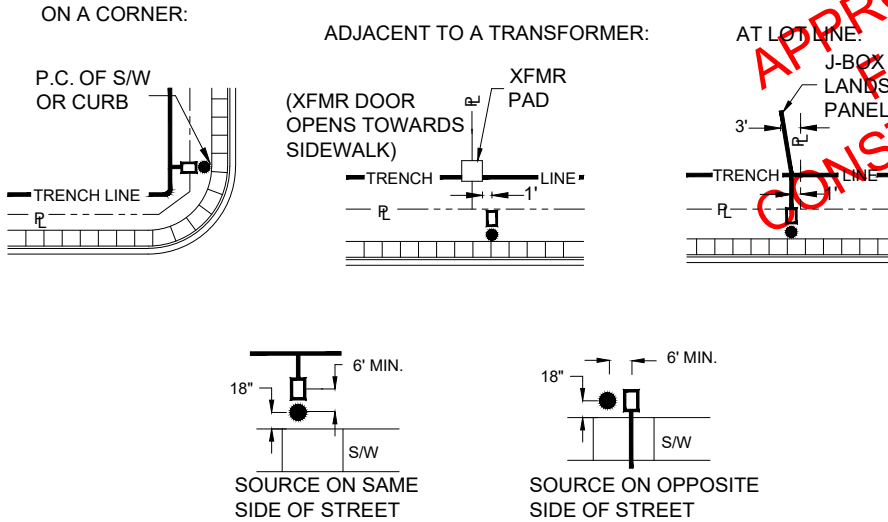


STREET LIGHT BASE
SL 04



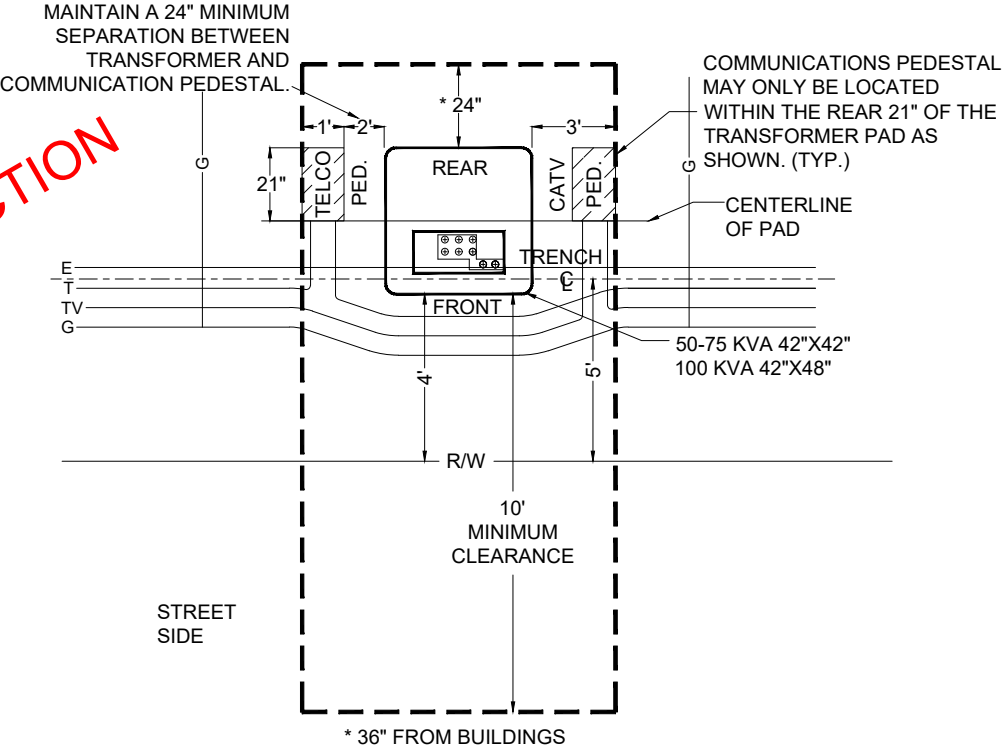
- NOTES:
1. ALL CONDUIT SHALL BE SCHEDULE 40
 2. ALL BENDS SHALL BE 36" RADIUS
 3. BLUE-TOP TO BE 4" ABOVE CURB OR SIDEWALK
 4. SEE PROJECT DRAWING FOR CONDUIT SIZE AND QUANTITY
 5. ABOVE GROUND J-BOLTS TO BE GROUTED AFTER INSTALLATION

STREET LIGHT PLACEMENT
STD-UG-26

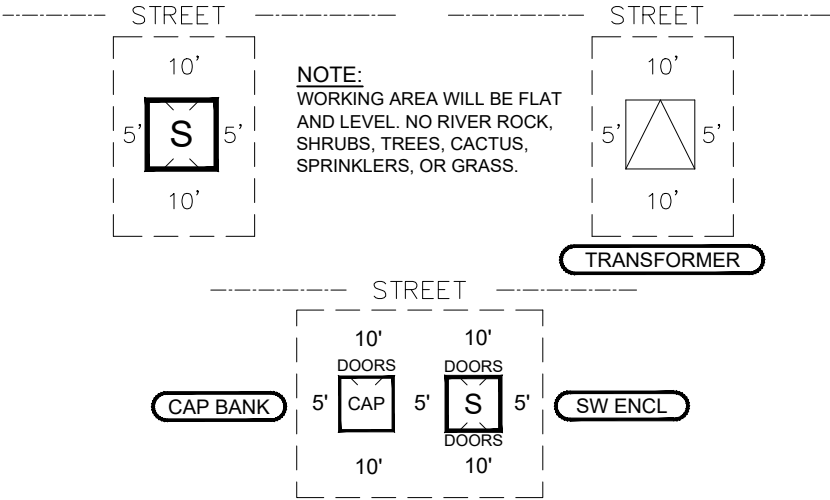


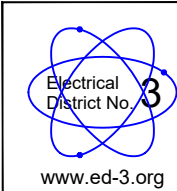
TYPICAL STREET LIGHT LOCATIONS
CHECK WITH LOCAL MUNICIPALITY FOR STREET LIGHT LOCATION REQUIREMENTS

CLEARANCE DETAIL
TRANSFORMER AREA
STD-UG-23

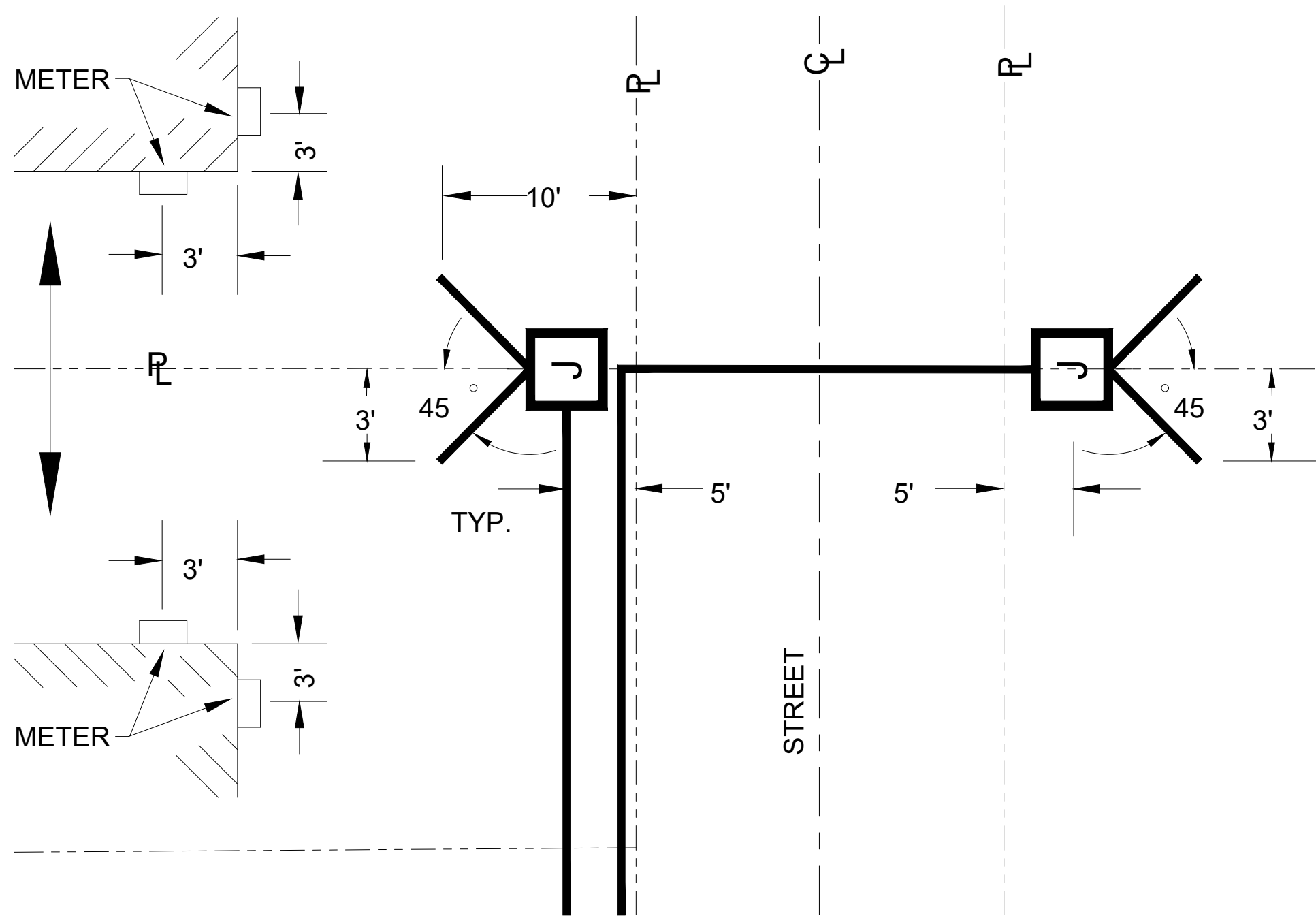


MINIMUM SAFE WORKING DISTANCES
STD-UG-27



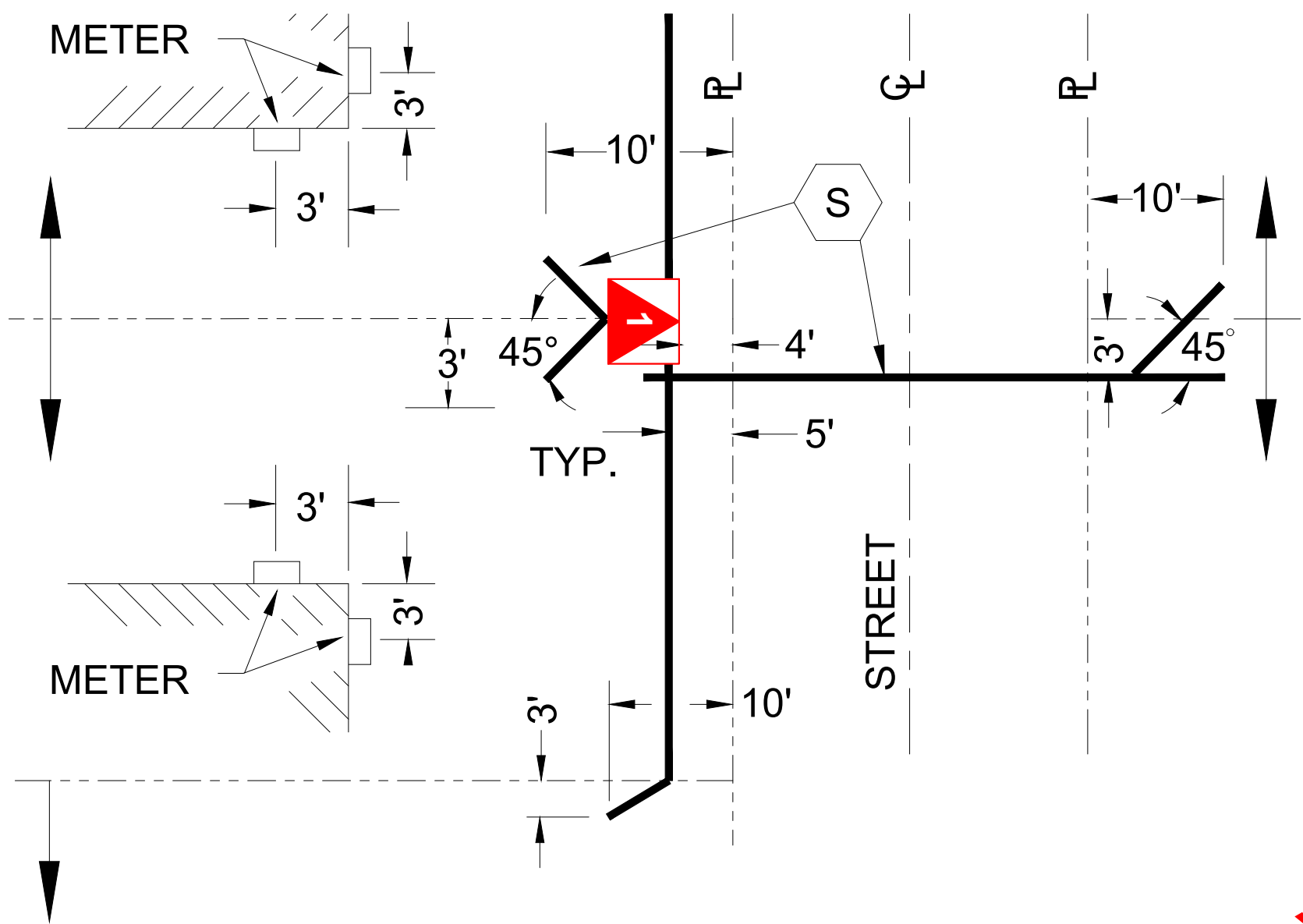
 www.ed-3.org		M. WEST FDR TO JWP	
WO#:	WO#:	DATE: 10/25/2023	
DWG BY:	DG	SCALE: NTS	
APPRD BY:	SCOTT KELLY	PHONE: 520-483-7425	
FILE NAME:	JOB# XXXX	SHEET: 5 OF 7	

J-BOX PLACEMENT
STD-UG-25



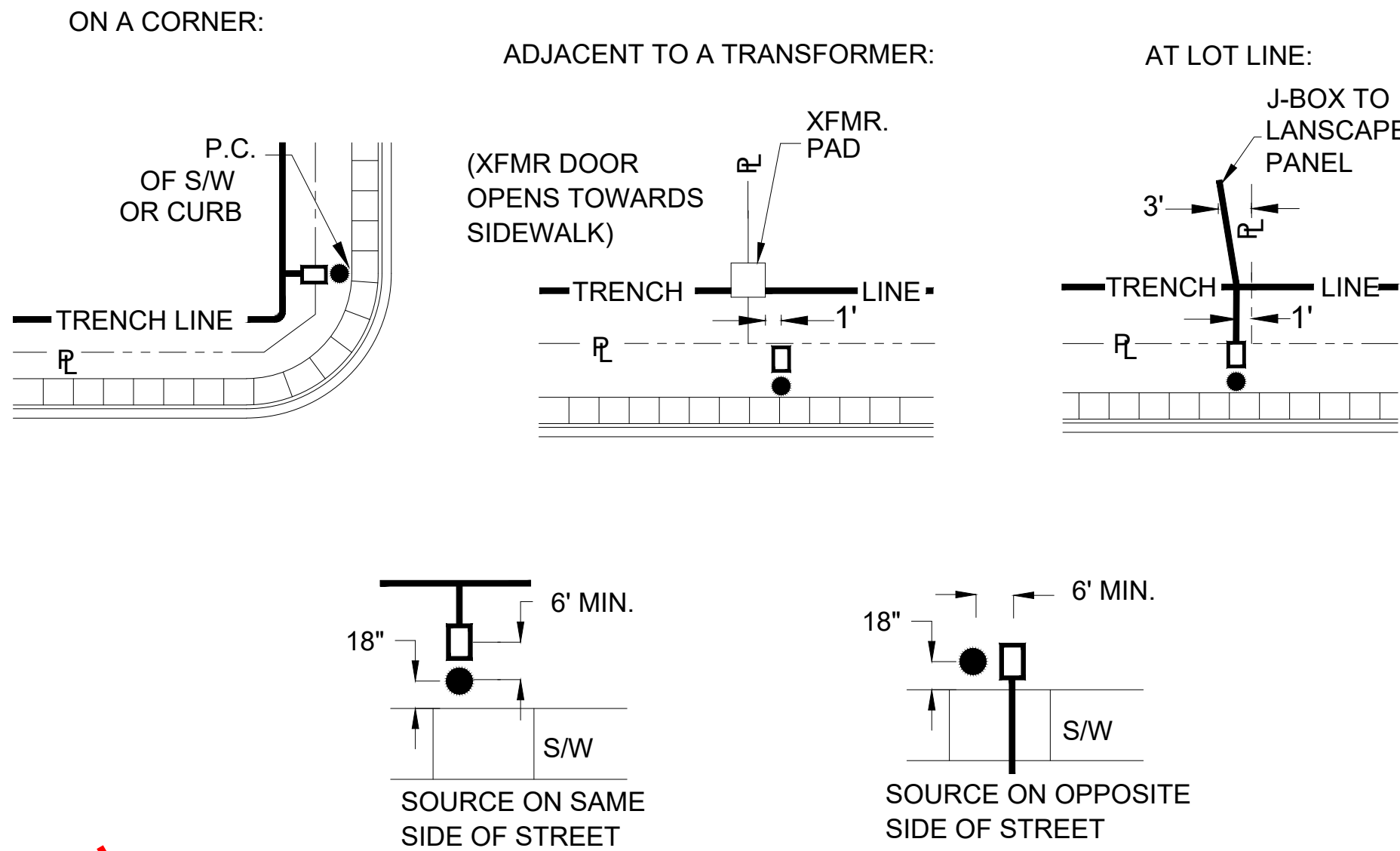
TYPICAL TRENCH & J-BOX LOCATION
(5' TRENCH OFFSET, SPLIT LOT LINES)

TRANSFORMER PLACEMENT
STD-UG-23



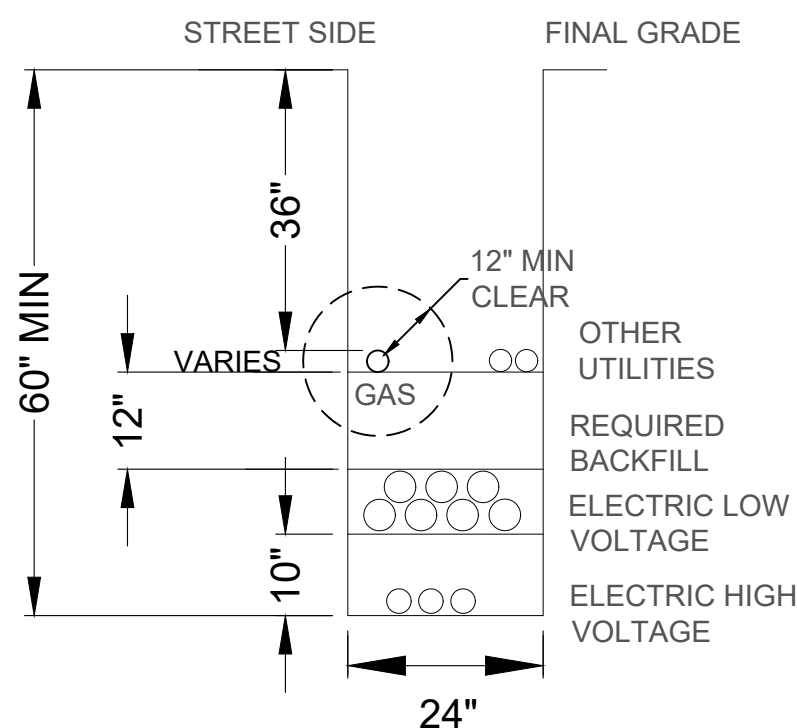
TYPICAL TRENCH & TRANSFORMER LOCATION
(5' TRENCH OFFSET, SPLIT LOT LINES)

STREET LIGHT
CLEARANCE
STD-UG-26

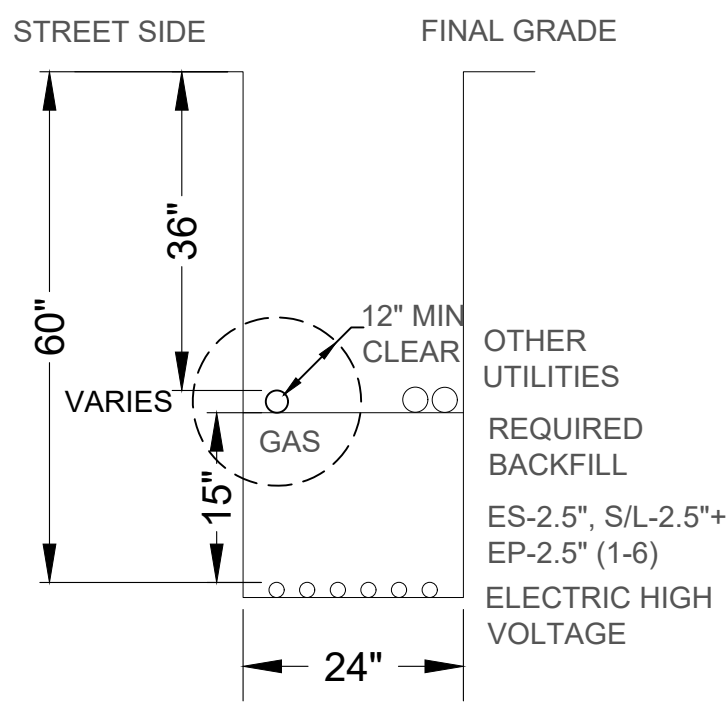


TYPICAL STREET LIGHT LOCATIONS CHECK WITH LOCAL MUNICIPALITY FOR STREET LIGHT LOCATION REQUIREMENTS.

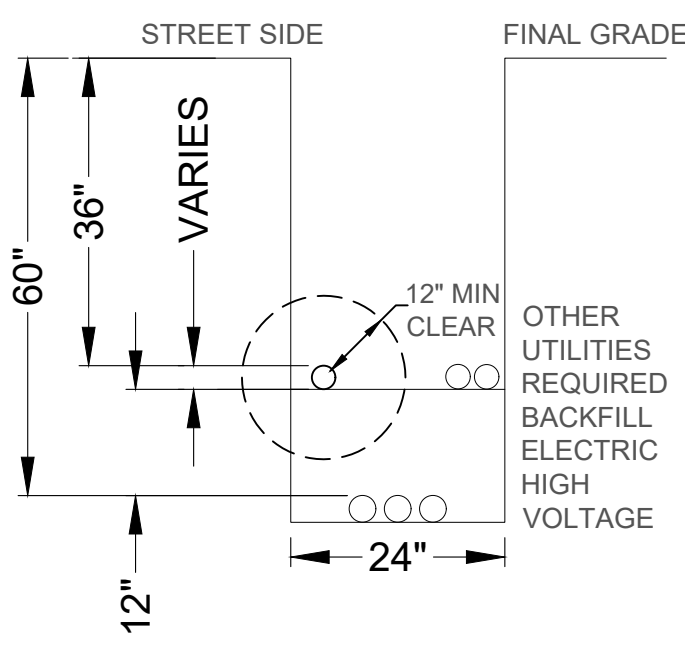
TRENCH DETAIL
STD-UG-



1 SHARED P.U.E W/ SECONDARY

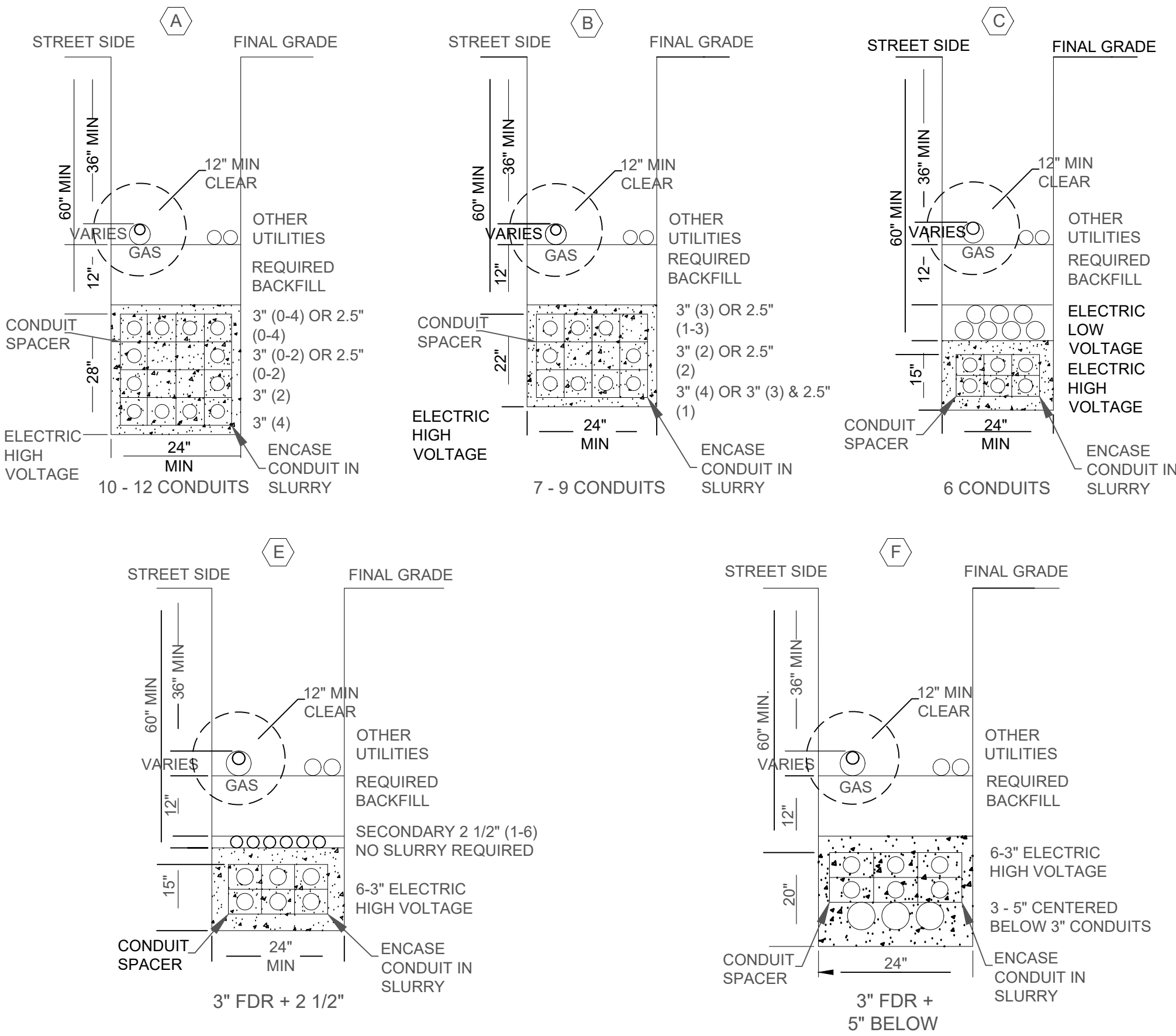


2 SHARED P.U.E - DOUBLE CIRCUIT



3 SHARED P.U.E - SINGLE CIRCUIT

TRENCH DETAIL
STD-UG-

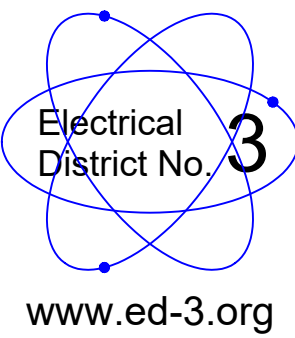


TYPICAL J-BOX
CONDUIT LAYOUT

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.

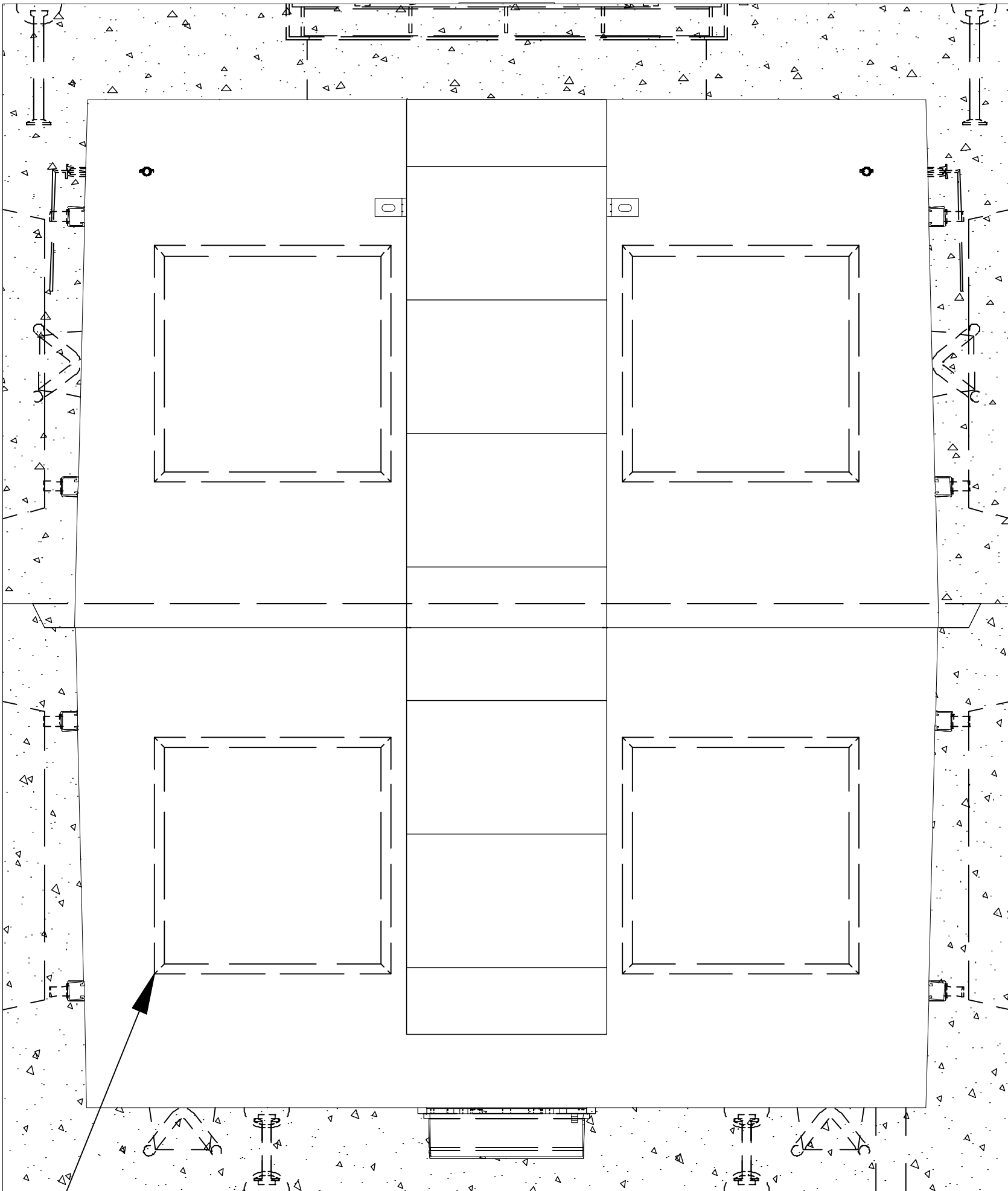
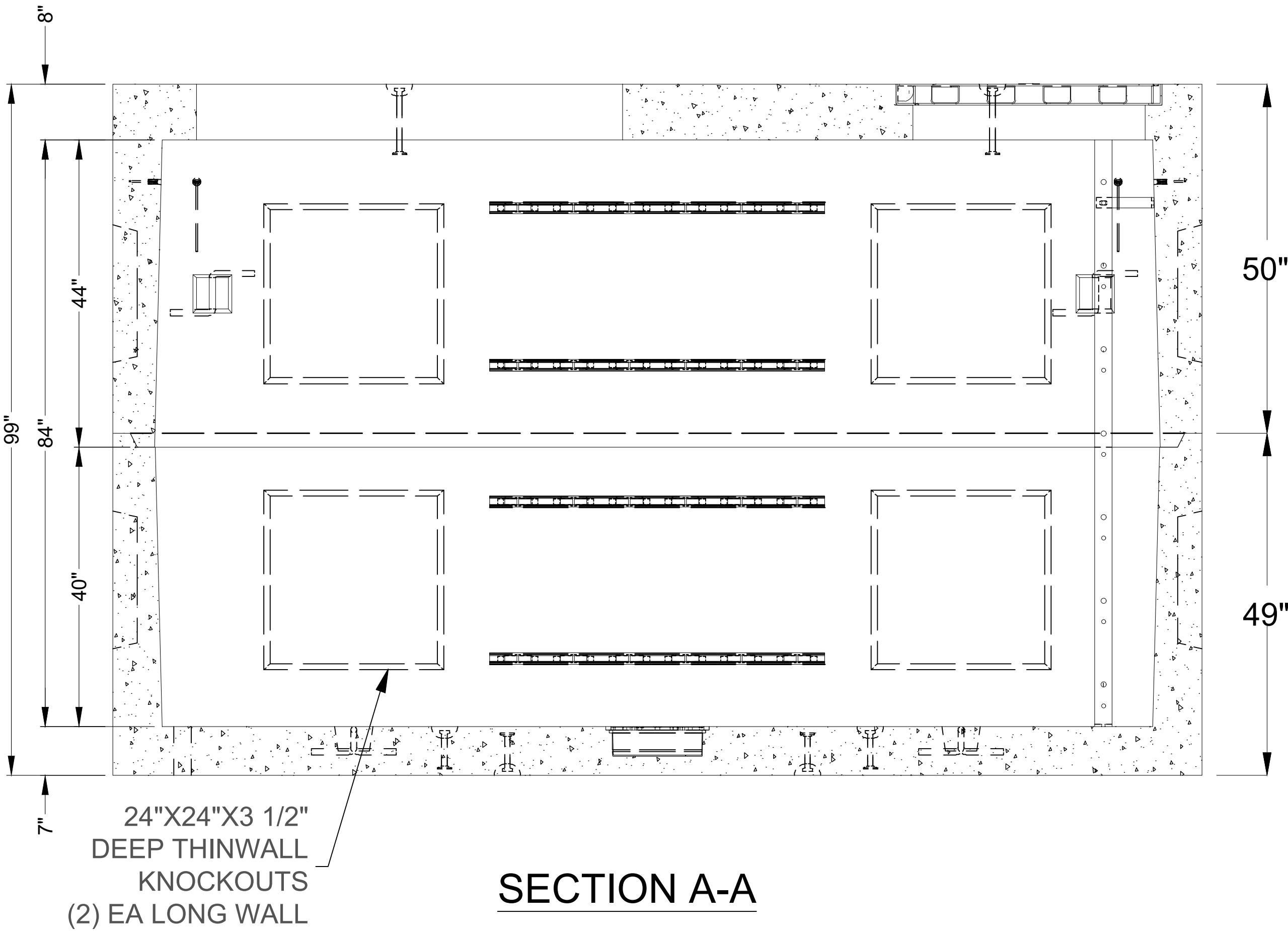
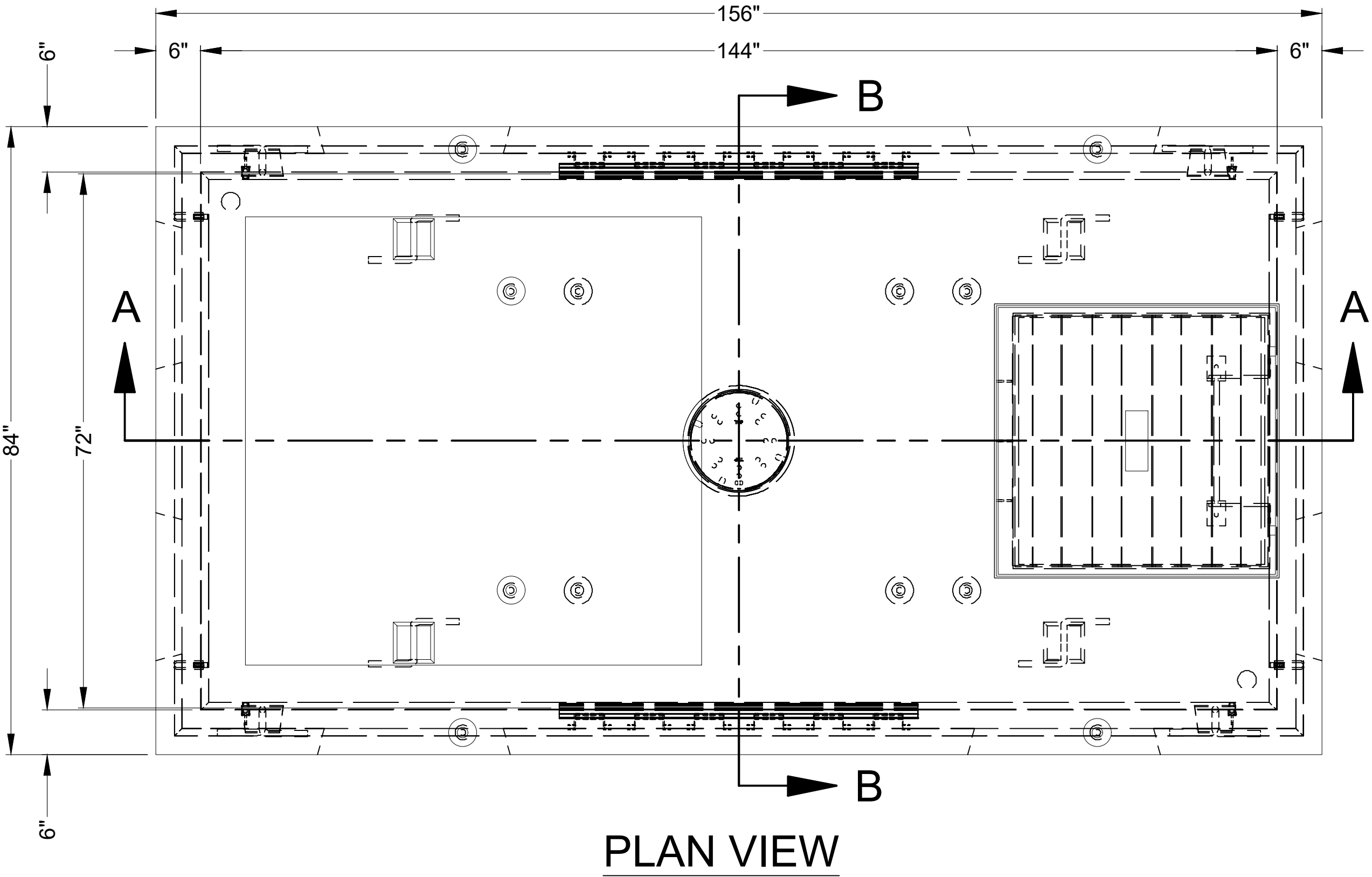
DU=DRY UTILITIES
ES, S/L, EP = ELECTRICAL (SECONDARY), STREET LIGHTING,
ELECTRICAL (PRIMARY) TEL = TELECOMMUNICATIONS



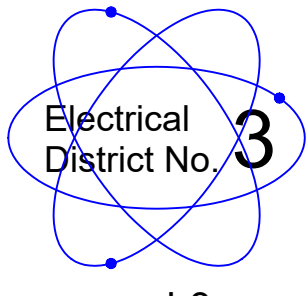
www.ed-3.org

M. WEST FDR TO JWP

WO#:	WO#:	DATE: 10/25/2023
DWG BY: DG		SCALE: NTS
APPRD BY: SCOTT KELLY		PHONE: 520-483-7425
FILE NAME: JOB# XXXX		SHEET: 6 OF 7



APPROVED
FOR
CONSTRUCTION

 www.ed-3.org		M. WEST FDR TO JWP	
WO#:	WO#:	DATE: 10/25/2023	
DWG BY:	DG	SCALE: NTS	
APPRD BY:	SCOTT KELLY	PHONE: 520-483-7425	
FILE NAME:	JOB# XXXX	SHEET:	7 OF 7