

# COUNTY OF IMPERIAL

## GATEWAY COUNTY SERVICE AREA WATER TREATMENT PLANT IMPROVEMENTS

AUGUST 08, 2024

### ADDENDUM NO. 1

The bidders are advised that the Contract Documents, Specifications, and Plans for the above-referenced project are hereby amended per the statements in this Addendum.

1. The **Bid Opening** date has been changed and is now scheduled for **Friday, September 6, 2024 at 2:00 p.m.** at the **Office of the Clerk of the Board of Supervisors** located at 940 W Main Street, Suite 209, El Centro, CA, 92243.
2. Item 7.02 of the Instruction to Bidders on page 00200-6 is hereby deleted and replaced with the following:

Plan holders shall submit all questions about the meaning or intent, clarifications or possible conflicts regarding the Bidding Documents to the County of Imperial Public Works Department in writing. The questions shall be mailed to Adolfo Garcia, Construction Engineering Coordinator, at 155 S. 11<sup>th</sup> Street, El Centro, CA 92243 or emailed to [adolfo.garcia@co.imperial.ca.us](mailto:adolfo.garcia@co.imperial.ca.us)

3. Item 7.03 of the Instruction to Bidders on page 00200-6 is hereby deleted and replaced with the following:

Interpretations or clarifications considered necessary by the County of Imperial Department of Public Works Construction Engineering Coordinator in response to plan holder questions will be issued by Addenda and posted on the County of Imperial Public Works Website <https://publicworks.imperialcounty.org> under "Projects Out to Bid". Questions received less than ten (10) calendar days prior to the date for the opening of Bids will not be responded to.

Per Item 1 of this Addendum, the Bid Opening date is now scheduled for Friday, September 6, 2024 at 2:00 p.m. and therefore all plan holder questions must be submitted before Tuesday, August 27<sup>th</sup>, 2024 at 2:00 p.m. in order to be responded to by Addendum.

4. Material and equipment delivered to the Contractor's staging area shall be eligible for a progress payment up to ninety percent of the material or equipment invoice amount if the following conditions are met:
  - 4.1 The material and equipment have been inspected by the Resident Engineer and found to be in a new condition.
  - 4.2 The material and equipment are placed in a secure location protected from weather and contamination. The secure location shall preclude entrance into the secured material and equipment location to prevent vandalism or theft. The Contractor's General Liability Insurance shall name the County of Imperial as an additional insured and shall insure the material and equipment for the full cost of the material and equipment should vandalism or theft of the material and equipment occur after the Contractor is compensated for the material and equipment cost.
  - 4.3 Any damage which occurs from loading, transporting or unloading the material and equipment from the Contractor's staging area to the Gateway of the Americas Water Treatment Plant shall be the responsibility of the contractor. The Contractor or the Contractor's general liability insurance carrier shall be responsible for the cost to repair or replace damaged material or equipment.
  - 4.4 An invoice from the equipment or material supplier shall be forwarded to the Resident Engineer. The invoice shall not be considered valid until the Resident Engineer has contacted the equipment or material supplier and confirmed that the invoice and invoice amount is valid.
5. Technical Specification section 015400, subsection 2.01 A on page 015400-3 which states, "McCrometer Model Number UM-06-08-A-S-R-025-A-1, or an approved equal." shall be deleted and replaced with the following, "McCrometer Ultramag Model Number UM08-1SR025A3, or an approved equal."
6. Add the engine manufacturer, "Perkins" to the list of acceptable generator set engine manufactures as listed in Technical Specification Section 26 32 13, Subsection 2.2 A on page 26 32 13 – 3.
7. Add the automatic transfer switch manufacturer, "ASCO Power Technologies" to the list of acceptable automatic transfer switch manufactures as listed in Technical Specification Section 26 32 13, Subsection 2.6 A on page 26 32 13 – 4.

8. The fourth paragraph of Special Condition Section 00840 – 2 is to be deleted and replaced with the following paragraph:

The Contractor is instructed to include IID CSP cost of \$20,630.92 in the bid proposal for this project. The Contractor shall be responsible to pay the IID for the CSP installation cost. If the actual CSP installation cost is greater than \$20,630.92 then a positive change order shall be processed to compensate the Contractor for the increased difference between the actual CSP installation cost and the \$20,630.92 included in the Contractors bid proposal. If the actual CSP installation cost is less than \$20,630.92 then a negative change order shall be processed to compensate the County of Imperial for the difference between the \$20,630.92 and the actual CSP installation cost.

In addition, the fourth sentence of the third paragraph of Special Conditions – Section 00840 – 2 shall be deleted and replaced with the following sentence, “The IID estimated during the updating of the revised CSP dated 7/31/2024 that the CSP construction installation cost would be \$20,630.92.”

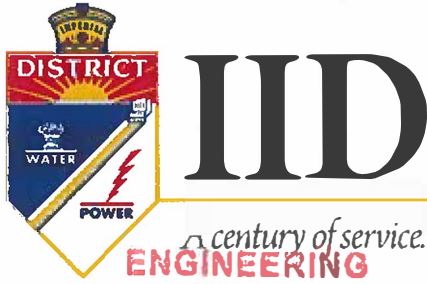
9. The third and last paragraph of Special Conditions – Section 00840 – 2 note that IID CSP design documents – IID File 60127410 dated January 5, 2022 are included in Section 00840 – 2 of the Special Conditions. On July 31, 2024 IID completed revised CSP design documents.

The IID CSP design documents – IID File 60127410 dated January 5, 2022 are hereby deleted and replaced with IID CSP design documents – IID File 60127410 dated July 31, 2024. The IID CSP design documents are referred to as the “Contractor Notes”.

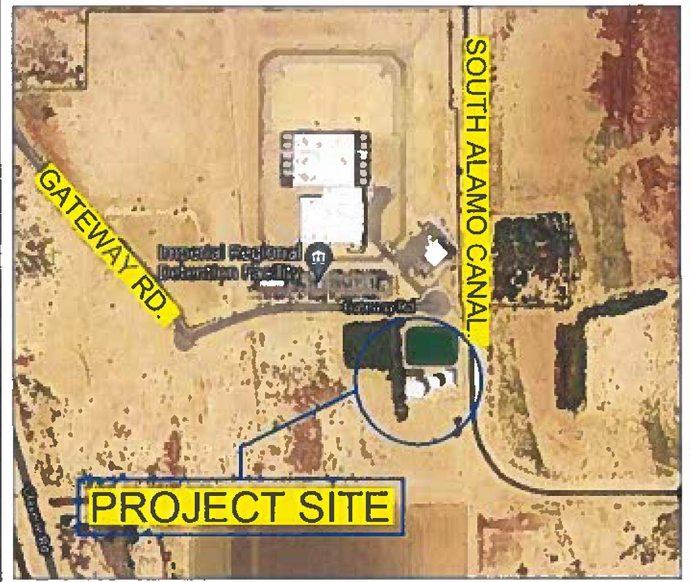
The 2<sup>nd</sup> sentence of the third paragraph of Special Conditions Section 00840-2 states that, “The contractor shall complete the portions of the electrical installation not completed by IID forces as noted within the CSP design documents.”

The revised IID CSP design documents (Contractor Notes) – IID File 60127410 dated July 31, 2024 follow this Addendum Item.

**ATTACHED – IID CSP DESIGN DOCUMENTS (CONTRACTOR NOTES) – IID FILE 60127410 DATED JULY 31, 2024 following this Addendum Item**



JUL 31 2024  
COMPLETE



### CONTRACTOR NOTES

THIS WORK REQUIRES IID UNDERGROUND INSPECTION. FOR THE UNDERGROUND INSPECTION PROCESS, SEE DETAIL PAGES 7 THRU 11 FROM THE DEVELOPER ENERGY PLANNING GUIDE. ALL EQUIPMENT OR MATERIAL INSTALLED, COVERED, OR ENCLOSED BY THE CONTRACTOR PRIOR TO IID INSPECTION SHALL BE REMOVED OR UNCOVERED FOR INSPECTION, AND REINSTALLED, AT NO EXPENSE TO IID. IID WILL NOT ACCEPT OR ENERGIZE FACILITIES THAT FAIL TO MEET THE REQUIREMENTS OUTLINED IN THE PROCESS.

**DETAIL PAGES**

DETAIL PAGES REFER TO THE DEVELOPER ENERGY PLANNING GUIDE REV. 5.21 2020, IT CAN BE OBTAINED ON THE IID WEBSITE [WWW.IID.COM/ENERGY/NEW-CONSTRUCTION](http://WWW.IID.COM/ENERGY/NEW-CONSTRUCTION)



**CAUTION: ENERGIZED STRUCTURES & CABLE**  
DO NOT PERFORM ANY TYPE OF WORK ON OR AROUND ENERGIZED STRUCTURES. A QUALIFIED IID ELECTRICAL WORKER MUST BE PRESENT AT JOB SITE BEFORE ANY CONDUIT OR ANY TYPE OF WORK IS PERFORMED. PLEASE CONTACT IID INSPECTION DESK AT LA QUINTA @:(760) 398-5828 ; IMPERIAL @:(760) 482-3300. INSPECTION SCHEDULES ARE SUBJECT TO A MINIMUM 48 HOUR ADVANCE NOTICE AND ARE BY APPOINTMENT ONLY.



**UNDERGROUND SERVICE ALERT**  
1-800-422-4133  
CALL USA/SC  
FOR UNDERGROUND LOCATING  
2 WORKING DAYS BEFORE YOU DIG

### CALEXICO LOCATION MAP

T.17S, R.15E ,SEC.11



- DIST. SUPERVISOR
- PROJECT MANAGER
- EXTRA
- INSPECTOR
- GIS UNIT
- OTHER
- CUSTOMER

NOTES:  
IID ENERGIZED EQUIPMENT WILL BE REMOVED PRIOR TO CONTRACTOR MAKING MODIFICATIONS TO SITE.

PROJECT LOCATION: (RURAL)  
IMPERIAL COUNTY GATEWAY W.T.P., CALEXICO, CA 92231.

CUSTOMER CONTACT: JACK HOLT  
PHONE NUMBER: 760-337-3883

PROJECT DEVELOPMENT PLANNER: JOEL F. LOPEZ  
CONTACT NUMBER: 760-427-7688

SUBSTATION: GATEWAY                      CIRCUIT: X-212  
SERVICE NOTIFICATION: 4030001  
SERVICE ORDER: 60127410  
U.G. INSPECTION ACTIVITY #: 0100  
PRIORITY: CATEGORY 3

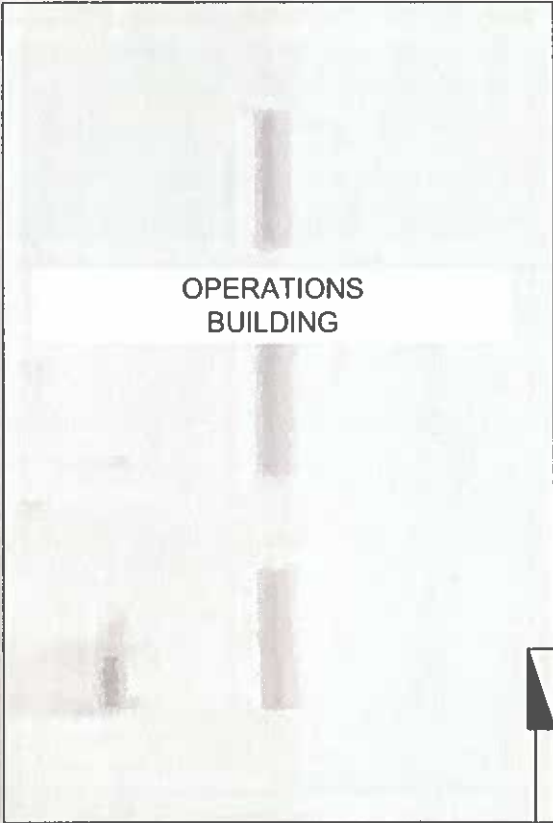
SHEET 1 OF 3

IMPERIAL IRRIGATION DISTRICT  
IMPERIAL VALLEY ENERGY PROJECT  
U.G. DISTRIBUTION CONDUIT LAYOUT  
PANEL UPGRADE  
IMPERIAL COUNTY GATEWAY W.T.P.

APPROVED BY: *AS*                      DATE: 7/31/24  
CHECKED BY: *[Signature]*                      DATE: 7-31-24  
DESIGNED BY: A.B.                      DATE: 07/31/2024

FILE NAME: 60127410

REV.#	PG#	DATE	BY:	DESCRIPTION
1	3	11/02/22	LF	UPGRADED PANEL, PAD & CONDUIT.
2	2-3	07/31/24	A.B.	UPGRADED PANEL, PAD & CONDUIT.

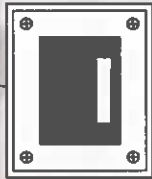


OPERATIONS  
BUILDING

REMOVE.  
EXISTING 600AMP  
SWITCHGEAR WITH CT  
METERING SECTION  
277/480V, 3-PHASE  
(BY CONTRACTOR)

REMOVE.  
EXISTING 8'X6'  
TRANSFORMER PAD  
COMPLETE  
(BY CONTRACTOR)

REMOVE.  
EXISTING 6-4"  
SECONDARY CONDUIT  
(BY CONTRACTOR)



TO REMAIN.  
EXISTING PRIMARY CONDUIT.




NORTH  
SCALE: 1:15  
T.17S, R.15E, SEC.11

**REMOVAL**

DESIGNED: L. FLORES  
DRAWN BY: A. BARRAZA  
FILE NAME: 60127410

SHEET 2 OF 3  
IMPERIAL IRRIGATION DISTRICT  
IMPERIAL VALLEY ENERGY PROJECT  
O.H. DISTRIBUTION ELECTRICAL LAYOUT  
PANEL UPGRADE  
I.C. GATEWAT W.T.P.

REV.: 	DATE: 07/31/2024	BY: A. BARRAZA	O.H. DISTRIBUTION ELECTRICAL LAYOUT PANEL UPGRADE I.C. GATEWAT W.T.P.	
SERV. NOTIF.: 4030001	SERV. ORDER: 60127410	SUB: GATEWAY		

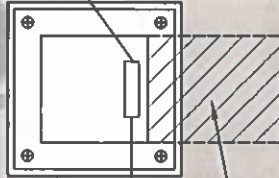


OPERATIONS BUILDING

PROPOSED 800AMP SWITCHGEAR WITH CT METERING SECTION 277/480V, 3-PHASE

INSTALL: 6-4" PVC SCHEDULE 40 SECONDARY CONDUIT (SEE SHEETS 108-120)

FOR TRENCHING DETAILS: REFER TO SHEETS 113 & 119.



8' X 10' WORKING SPACE REQUIRED FOR OPENING PAD MOUNT TRANSFORMER (SEE SHEETS 213 & 214)


INSTALL 3Ø TRANSFORMER PAD #1244642 WITH OPENING WINDOW FACING EAST, RE-ENFORCE CONCRETE CURB & 4 BARRIER POSTS AS REQUIRED (SEE SHEETS 163-166, 168-171 & 174-175 FOR DETAILS)

EXISTING PRIMARY CONDUIT TO REMAIN



NORTH  
SCALE: 1:15  
T.17S, R.15E, SEC.11

INSTALL

REV.: 	DATE: 07/31/2024	BY: A. BARRAZA	SHEET 3 OF 3	
			IMPERIAL IRRIGATION DISTRICT IMPERIAL VALLEY ENERGY PROJECT O.H. DISTRIBUTION ELECTRICAL LAYOUT PANEL UPGRADE IMPERIAL COUNTY GATEWAY W.T.P.	
SERV. NOTIF.: 4030001	SERV. ORDER: 60127410	SUB: GATEWAY	CKT: X-212	DATE: 07/31/2024

FILE NAME: 60127410 DESIGNED: L. FLORES DRAWN BY: A. BARRAZA



# IMPERIAL IRRIGATION DISTRICT

Customer Project Development • 333 S. Waterman Ave • El Centro, CA 92243

**NOTE: CONTACT IID AT (760) 482-3300 TO SCHEDULE A PRE-CONSTRUCTION MEETING BEFORE PROJECT TRENCHING GETS UNDERWAY AND TO REVIEW U.G. INSPECTION SCHEDULE.**

## UNDERGROUND INSPECTION PROCESS

1. Pre -construction meeting with Electrical Contractor.
  - A. IID Inspector and Contractor to meet **BEFORE** any construction or excavating. IID Inspector will explain and/or highlight general installation notes according to the job. IID Inspector will also answer any questions the contractor has to avoid any delays in the future.
2. Trench depth and inspection of primary or secondary conduit installation.
  - A. Verify minimum primary and secondary trench depth is met.
  - B. Verify correct conduit(s) is being used, schedule 40 for below ground and schedule 80 for above ground use.
  - C. Verify approved diameter of conduit is being installed; see Contractor's Notes (drawing).
  - D. Verify spacing between conduits (3") is met and spacers are installed at every six feet.
3. Concrete encasement of conduit(s) where required or 12 inches of "native soil or sand."
  - A. Concrete encasement is required for street crossings, parking lots, driveways, and sidewalks. Encasement to be three sack mix at 2,000 p.s.i sand slurry. When these applications are not the case, then two sack slurry mix to be used.
  - B. Verify there is a three-inch envelope of encasement all around conduit (spacers must be installed prior to encasing)
4. Caution tape over encasement or 12 inch of backfill.
5. Cadweld connection of ground wire to ground rod located at the bottom of the trench for all transformer precast pads, single phase sector precast pads, and three phase sector sleeves.
  - A. Verify ground rods are 5/8" x 10'
  - B. Verify copper strand is 2/0 wire.
6. Backfill of trench and compaction.
  - A. Backfill of trench shall or excavated areas must be a minimum of 90% compaction.



# IMPERIAL IRRIGATION DISTRICT

Customer Project Development • 333 S. Waterman Ave • El Centro, CA 92243

Continued:

7. Stub out markers are installed where applicable.
8. Backfill of all transformer precast pads, single phase sector precast pads, and sector sleeve locations.
9. Verification of compaction test results for all transformer precast pads and all single phase sector precast pads.
  - A. Location of all transformer precast pad and single phase sector precast pads to be a compaction of 90% minimum by contractor/developer.
  - B. Compaction will be performed at a minimum of 2' beyond proposed transformer and single phase sector precast pads on all four sides.
  - C. Contractor to contact IID Inspector after compaction has been completed. IID Inspector must pass visual compaction prior to compaction test.
  - D. After IID Inspector passes compaction by contractor, the contractor will obtain a compaction test.
    - a) **NOTE:** A maximum of 1/2" of sand fill will be approved for leveling of compaction area. If the sand fill exceeds the maximum requirement, the IID Inspector will fail the compaction.
  - E. All transformer and single phase sector precast pads will not be installed until compaction test report has been received and reviewed by IID Inspector.
  - F. After compaction test report is reviewed by IID Inspector, the inspector must be present when contractor installs all transformer precast pads.
    - a) **NOTE:** After compaction test has been reviewed by IID Inspector, transformer precast pad must be installed within 24 hours. If transformer precast pad is not installed within allotted time, IID will require a re-test of compaction from contractor/developer.
10. Installation of any concrete vault, transformer precast pad, sector sleeve or secondary pullbox.
  - A. Verify there are no visible cracks on all transformer precast pads, single phase sector precast pads, concrete vaults, and sector sleeves.
  - B. Verify vaults, all transformer precast pads, sector sleeves, and secondary pullboxes are installed above their appropriate final grade (See Developers Energy Planning Guide).





# IMPERIAL IRRIGATION DISTRICT

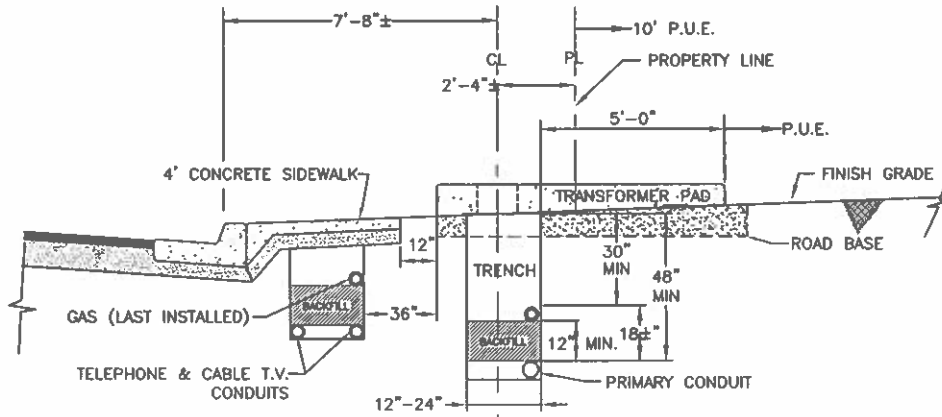
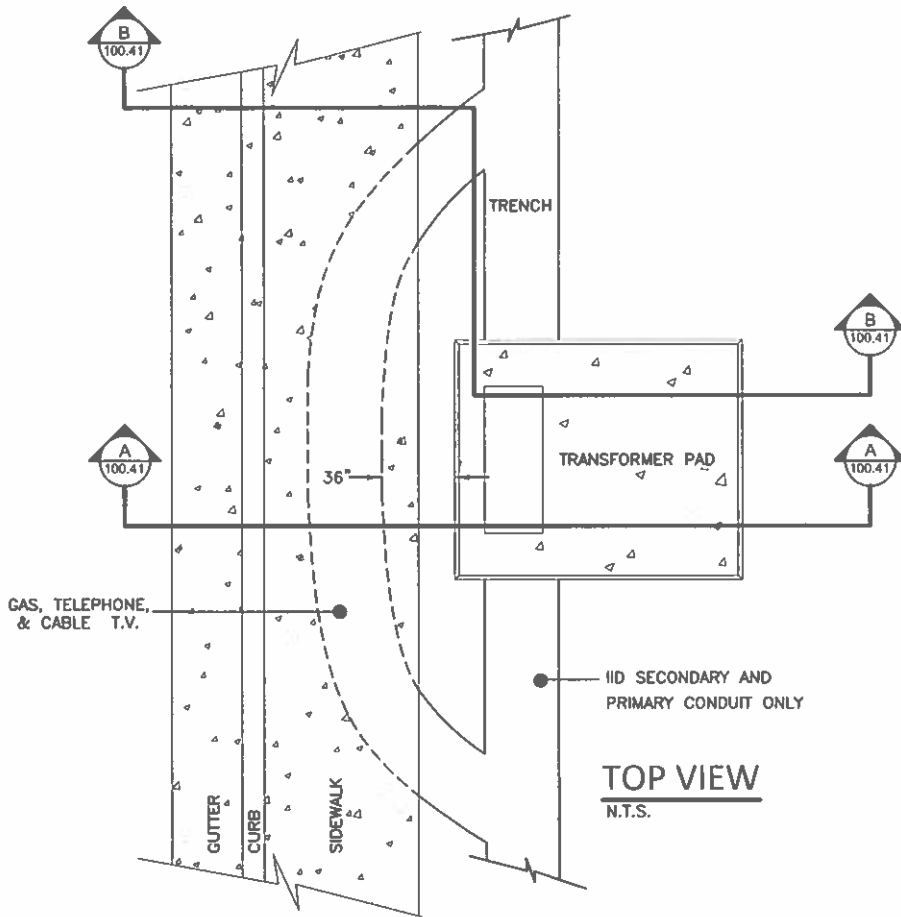
Customer Project Development • 333 S. Waterman Ave • El Centro, CA 92243

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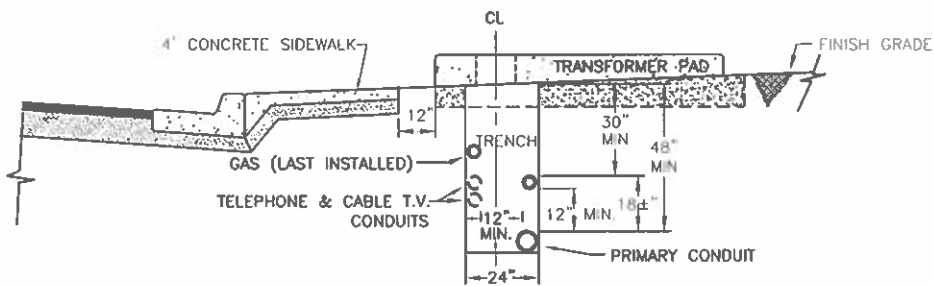
11. Framing and pouring concrete pad for customer meter panel.
12. Installation of customer meter panel.
13. Barrier post installation (when applicable).
  - A. Verify footing is 36" in depth and 18" in diameter.
  - B. Barrier post is set 30" below finish grade.
  - C. Barrier post is 4" steel pipe.
  - D. Barrier post is painted High Visibility Yellow.
14. Final: Cold and/or hot mandrel inspection.

- 3.1 Establish all grades (rough and final), bench marks, property corners, ties, fence lines, walls, property lines or other field references as required to install and verify the installation and location of power facilities.
- 3.2 Establish the location and depth of all existing power system facilities and foreign substructures within the work area. The installation contractor shall call the Underground Service Alert of Southern California (DigAlert) at least two (2) working days prior to beginning any digging or excavation work. DigAlert is the One Call Notification Center that supports all of Southern California, and can be reached by utilizing their online services, DigAlert Express ([www.digalert.org/digexpress.html](http://www.digalert.org/digexpress.html)) or by phone (dial 8-1-1).
- 3.3 Review plans as soon as received from IID for possible conflicts or problems on locations of IID structures. Any revisions to original IID design will require additional engineering time and might cause additional delays to the project. It is the responsibility of the Developer/Contractor to contact the appropriate IID Customer Project Development Services.
- 3.4 Return all excavated areas to at least 90% compaction using native soil or Caltrans Class 2 aggregate base or crusher fines with 3/8 inch rock. All testing to ensure 90% compaction and restoration of the work area to its former condition is the sole responsibility of the installation contractor. (Refer 3.17), (Refer to 5.11).
- 3.5 Street light circuits, CATV, and telephone may be installed in the same trench; however, their relative position must be verified with each serving agency and installed to their specifications. (Refer to Joint Utility 3.12 Standard 100.41).
- 3.6 The contractor shall take caution to keep from damaging other utility systems that have been installed and shall collaborate with other utilities that may be doing work in the same area. (Refer to 3.2).
- 3.7 All other utilities shall maintain no less than a 12 inch (1 ft.) clearance from IID sub structures and underground equipment. (Refer to Joint Utility 3.12 Standard 100.41, Section B-B) (Refer to 3.23).
- 3.8 Raceway joint utility trenches will have a minimum width of 24 inch (2 ft.) to ensure adequate separation between Power and Gas facilities. Trenches entering all transformers, sectors, and vaults will maintain a 36 inch (3 ft.) separation. (Refer to Joint Utility 3.12 Standard 100.41, Section A-A).
- 3.9 When feasible, Gas facilities shall occupy the opposite side of the trench and be 12 inches (1 ft.) above the Power facilities. (Refer to Joint Utility 3.12 Standard 100.41, Section B-B) (Refer to 3.7).
- 3.10 Developer/contractor will be responsible for coordination of inspections while trench has IID utilities exposed. (Refer to Joint Trench Indemnity Agreement IID-700E (6-07)). Inspection schedules are subject to a minimum of 48 hour advance notice and by appointment only. **Imperial (760) 482-3300; La Quinta (760) 398-5828**


- 3.11 The Developer shall be responsible for filling out and signing IID form 700E 6-07 Joint Trench Indemnity Agreement, contact the appropriate IID Customer Project Development Services. (Refer to Joint Trench Indemnity Agreement IID-700E 6-07).



**SECTION A - A**



**SECTION B - B**

DRAWN BY		IMPERIAL IRRIGATION DISTRICT	
DRAWN BY	gr		<b>JOINT UTILITY (GAS INCLUDED)-TRENCH DETAIL, CURB, GUTTER, SIDEWALK, 10FT. PARKWAY WITH 10 FT. P.U.E.</b>
REVIEWED	gr		
APPROVED	MS		
REVISION	REV 6		
DATE	12-31-2013		

100.41

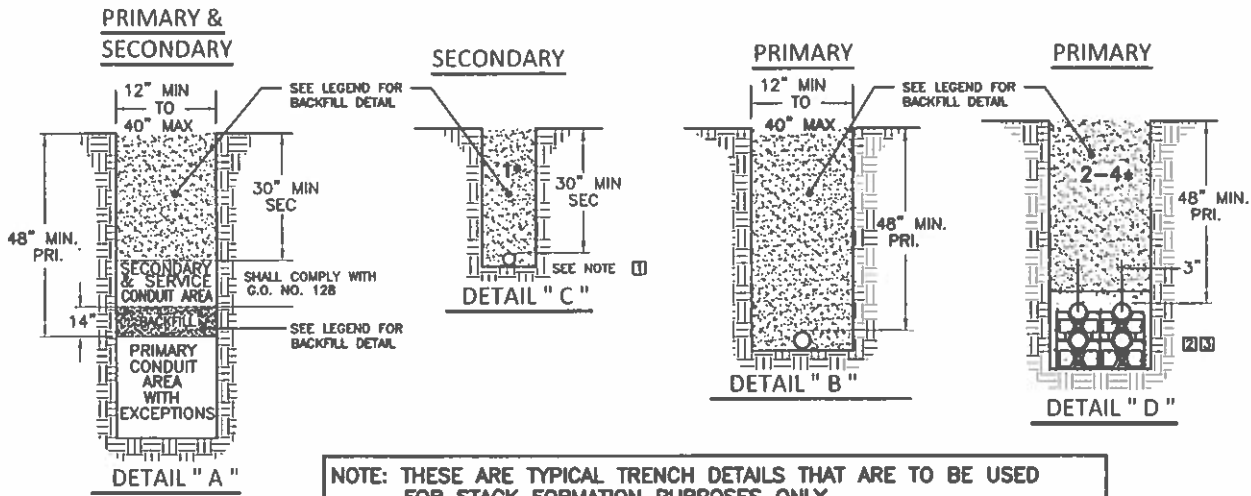
- 3.13 All Encasement of power ducts will require an on-site inspector at the time of encasement. **Inspection schedules are subject to a minimum of 48 hour advance notice and by appointment only. Imperial (760) 482-3300  
La Quinta (760) 398-5828**
- 3.14 The term encasement as used herein shall mean a 3 inch envelope around all sides of one or more ducts.
- 3.15 Utilize plastic spacers that provide 3 inch separation. Spacers shall be used on conduit runs to be concrete encased both as single or banked installations (Refer to 3.42 for spacer specifications).
- 3.16 Concrete encasement of conduits at street crossings shall be a 3 sack sand slurry or 1800 – 2000 psi mix.
- 3.17 Backfills at street crossings maybe a 3 sack sand slurry from top of encasement to street sub-grade. If the contractor utilizes any quick cure chemical product additives to the concrete the contractor shall take full responsibility for concrete quality. (Refer to 3.16), (Refer to 3.22), (Refer to 3.24 Table 1).
- 3.18 Backfills at street crossings that are other than a 3 sack sand slurry backfill shall observe the following:
- 3.18.1 Contractor shall wait a minimum of 24 hours before backfilling road base and compacting over concrete encased conduit.
- 3.18.2 The contractor is responsible to ensure a compaction of 90%. (Refer to 3.4), (Refer to 3.6), (Refer to 5.11).
- 3.18.3 The contractor accepts the responsibility of providing the IID with the compaction test verification. (Refer to 3.4), (Refer to 3.7).
- 3.19 Backfill Material when used above concrete encasement shall be native soil or Caltrans Class 2 aggregate base or crusher fines with 3/8 inch rock properly compacted, unless otherwise specified on the drawings or by the IID Customer Project Development Services. (Refer to 3.4), (Refer to 5.16).
- 3.20 IID concrete encasement, backfill, etc. requirements will be followed unless the City, County, State Agency, Property Owners, or Authority having jurisdiction has requirements that are more strict, the highest requirements will be followed.
- 3.21 Encasement shall be sand slurry below streets, parking lots, and commercial driveways. (Refer to Trench Detail 3.25 Standard 100.3), (Refer to 3.24 Table 1).
- 3.22 Concrete encasement for all other locations shall be no less than a 2 sack or 1500 psi sand slurry mix.



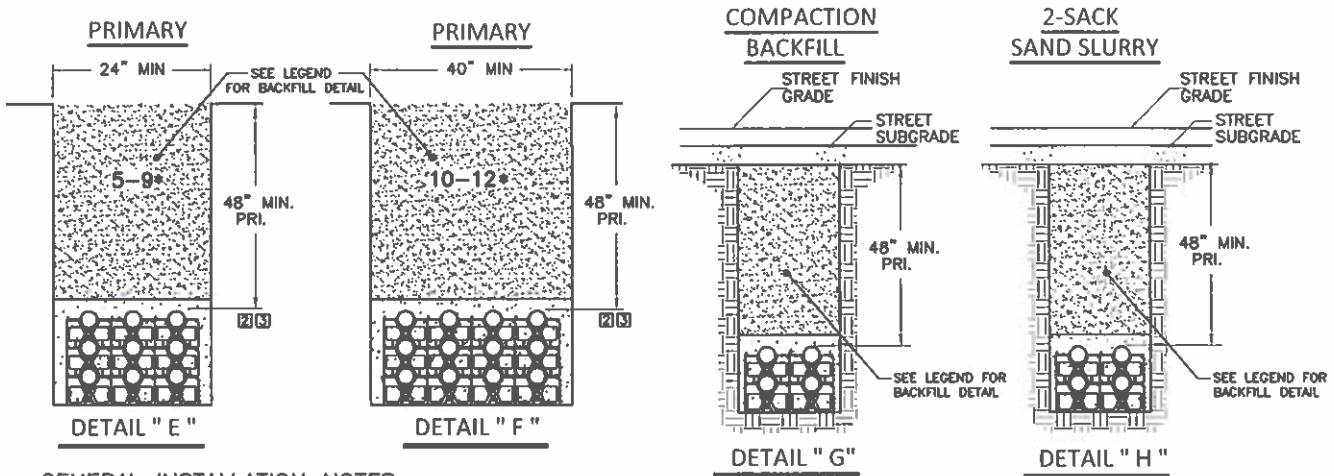
3.23 The spacing between the adjoining utilities will be in compliance with G.O. 128 and have a minimum of 12 inch (1 ft.) separation. When existing utilities are present and are perpendicular to each other, the 12 inch separation may be reduced to no less than 6 inches and a 3 inch concrete encased envelope is required. (Refer to 3.7), (Refer to Trench Detail 3.25 Standard 100.3).

3.24 Conduit encasement criteria is as follows in Table 1

Feeder Type	Number of Runs	Size	Amperage
Back bone	2 or more	6"	600 Amp
Lateral	All Runs	3", 4", 5"	200 Amp



NOTE: THESE ARE TYPICAL TRENCH DETAILS THAT ARE TO BE USED FOR STACK FORMATION PURPOSES ONLY. MIN. DEPTH WILL BE (PRI. 48", SEC. 30") AT ANY DEPTH.



**GENERAL INSTALLATION NOTES**

1. USE PLASTIC SPACERS THAT PROVIDE 3" SEPARATION.
2. PLASTIC SPACERS SHALL BE USED ON CONDUIT RUNS TO BE CONCRETE ENCASED BOTH AS SINGLE OR BANKED INSTALLATIONS AND ON DUCT BANKS NOT ENCASED. (REFER TO NOTE 3.48).
3. CONDUIT RUNS SHALL NOT CROSS EACH OTHER WHEN ON THE SAME LEVEL AND/OR PLANE. (REFER NOTE 3.23)
4. THE MAXIMUM OBTAINABLE SEPARATION BETWEEN POWER FACILITIES AND ALL OTHER SUBSTRUCTURES SHALL BE MAINTAINED AT ALL TIMES, 12" MIN. WHEN PARALLELING AND 12" MIN. WHEN CROSSING ENCASED IN CONCRETE.
5. WHEN CONCRETE ENCASEMENT IS SPECIFIED ON THE JOB, ENCASEMENT SHALL BE A 3 SACK MIX (2000 PI) WITH SAND SLURRY WILL BE USED BELOW STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS. WHEN STREETS, PARKING LOTS, DRIVEWAYS, AND SIDEWALKS DO NOT EXIST OVER THE DUCT SYSTEM, A 2 SACK SAND SLURRY MAY BE USED. (REFER TO NOTES 3.18, 3.19).
6. ENCASE IN CONCRETE 3" ENVELOPE WHERE REQUIRED. SEE CONDUIT LAYOUT SHEETS (JOB COPY) FOR LOCATION OF CONCRETE TRENCHES.
7. LINE GUARD TAPE REQUIRED IN ALL TRENCHES. (REFER TO NOTE 3.46 STANDARD 100.5).

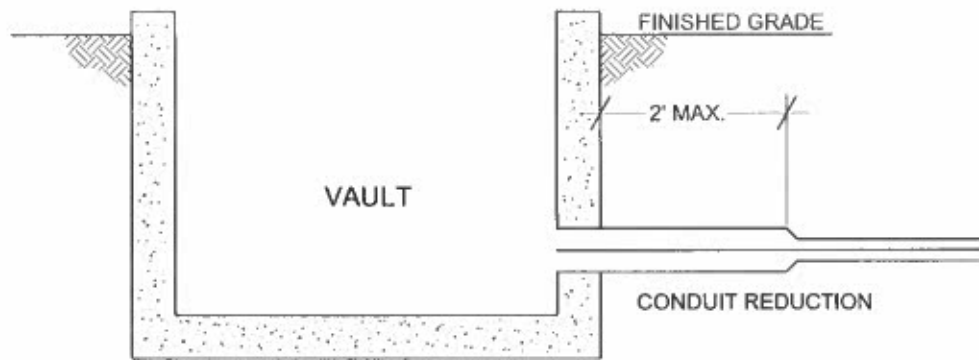
\* IDENTIFY # OF CONDUITS

**LEGEND**

- CONDUIT
- ▣ 3 SACK MIX SAND SLURRY
- ▣ 2 SACK SAND SLURRY
- ▣ 90% COMPACTION BACKFILL (BACKFILL TO BE NATIVE SOIL OR CALTRANS CLASS 2 AGGREGATE BASE OR CRUSHER FINE WITH 3/8 INCH ROCK).


IMPERIAL IRRIGATION DISTRICT			TRENCH DETAILS
DRAWN BY	<i>JR</i>		
REVIEWED	<i>RL</i>		
APPROVED	<i>MS</i>		
REVISION	REV 6		
DATE	9-27-2016		

- 3.26 Conduit runs shall not cross each other when on the same level and/or plane.
- 3.27 Primary conduits shall be buried a minimum depth of 4 feet. Secondary and service conduits shall be buried a minimum depth of 2 ½ feet (2.5').
- 3.28 Sizes and arrangements of conduits shall be as shown on the drawings.
- 3.29 Where the external diameter of the conduit is smaller than the diameter of the opening in the vault wall, the reduction in the conduit diameter shall take place 2 feet (24") from the external wall of the vault. (Refer to 3.30, Vault Side View, and Standard 100.142).
- 3.30 The maximum obtainable separation between power facilities and all other substructures shall be maintained at all times, 12 inch (1') minimum when paralleling and 6 inch minimum when perpendicular and encased in concrete. (Refer to 3.27). (12 inch minimum refers to compacted backfill).



SIDE VIEW  
N.T.S.

VAULT SIDE VIEW, CONDUIT REDUCTION - REFER TO 3.29

		<b>IMPERIAL IRRIGATION DISTRICT</b>	
DRAWN BY	<i>JK</i>	<b>30000000</b>  <b>100.142</b>	<b>CONDUIT REDUCTION</b>
REVIEWED	<i>PS</i>		
APPROVED	<i>MS</i>		
REVISION	REV 3		
DATE	9-26-2016		

3.32 All conduits shall meet and/or exceed UL-651 and/or NEMA TC-2. All conduits shall be:

3.32.1 Schedule 40 for below ground installation:

3.32.1.1 PVC Heavy Wall

3.32.1.2 PVC Cellular Core

3.32.2 Schedule 80 above ground installation:

3.32.2.1 PVC Heavy Wall

3.33 All conduit sweeps shall meet and/or exceed UL-651 and/or NEMA TC-3.

3.34 Conduit sweeps in duct runs shall not have less than a 12 feet 6 inches (12.5') horizontal radius unless shown otherwise on the Contractor Notes. (See Radius Index 3.33.1 (Horizontal) Table 4).

3.34.1 Table 4 Conduit Radius Index – Horizontal

CONDUIT RADIUS INDEX (HORIZONTAL) Table 4			
PRIMARY			
CONDUIT DIA.	RADIUS	CONDUCTOR SIZE	PVC SCHEDULE
4"	12.5' Radius	1-1/0 Conductor	40
5"	12.5' Radius	3-1/0 Conductors	40
6"	25' Radius Typical	3-750 MCM Conductors	40
6"	*50' Radius as Specified	3-750 MCM Conductors	40

\*Contact your IID Customer Service Project Manager for instructions

3.35 Conduit sweeps in vertical runs (pole risers and equipment risers) shall be installed in accordance with Table 5, (3.37.1 Riser Sweep Radius – Vertical).

3.36 All 2 inch and 3 inch service and/or secondary conduit (vertical) risers which enter buildings, service panels, secondary boxes, transformer pads, meter panels, etc., shall have a minimum 2 foot radius (24"), see Table 5, (3.37.1 Riser Sweep Radius – Vertical).

3.37 All 4 inch primary conduit (vertical) risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a 4 foot (48") Radius for 4 inch duct, see Table 5, (3.37.1 Riser Sweep Radius – Vertical).

3.38 All 5 inch and 6 inch primary conduit risers which enter transformer pads, primary metering panels, underground switch gear panels and pole risers, shall have a minimum of 4 foot (48") radius for 5 inch ducts, and 5 foot radius (60") for 6 inch ducts, see Table 5, (3.37.1 Riser Sweep Radius – Vertical). Contact your IID Customer Project Development Services for further instructions or questions.



3.38.1 Table 5 Riser Sweep Radius – Vertical

RISER SWEEP RADIUS INDEX (VERTICAL) TABLE 5						
SECONDARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
2"	24" Radius	N/A	40	40	40	40
3"	36" Radius	80	40	40	40	40
4"	*36"-48" Radius	80	40	40	40	40
PRIMARY Conduit Dia.	Radius	Pole Riser PVC SCH	Equip. Riser PVC SCH	Trans. Pad PVC SCH	Secondary PVC SCH	Meter Panels PVC SCH
4"	48" Radius	80	40	40	N/A	N/A
5"	*48"-60" Radius	80	40	40	N/A	N/A
6"	60" Radius	80	N/A	N/A	N/A	N/A

\*Contact your IID Customer Service Project Manager for instructions.

N/A = Not Applicable

3.39 The installation of the conduit system will be conducted by a single contractor or other entity to give the project continuity, reducing the possibility of deviations from the G.O. 128 regulations, Authority having jurisdiction, and IID standards. Developer/Contractor will accept the most strict or highest requirements from the entities mentioned above.

3.40 Marking Tape over Conduits:

3.40.1 Contractor shall install 2 inch line guard III tape, red in color with black lettering "**CAUTION BURIED ELECTRIC LINE BELOW**" (See 3.46, Standard 100.5)

3.40.2 Contractor will install tape 12 inches (1') above the power conduits. When conduit(s) is/are encased in concrete, Developer/Contractor shall back fill with compacted (90%) native soil to meet the 12 inch (1') requirement. (See 3.46, Standard 100.5)

3.41 Mandrel

3.41.1 The installation contractor shall mandrel all primary ducts and secondary service ducts. IID shall provide the mandrel and the IID inspector for the mandrel process. Refer to 3.41.1 Pulling Rope, Table 8 Conduit rope/Measured Rope Requirements for Primary Pulls. Inspection field check schedules are subject to a minimum 48 hour advance notice and are by appointment only; Imperial (760) 482-3300; La Quinta (760) 398-5828

3.41.2 IID Inspector will conduct a field check prior to mandrel test to ensure IID structures are:

3.41.2.1 Not damaged

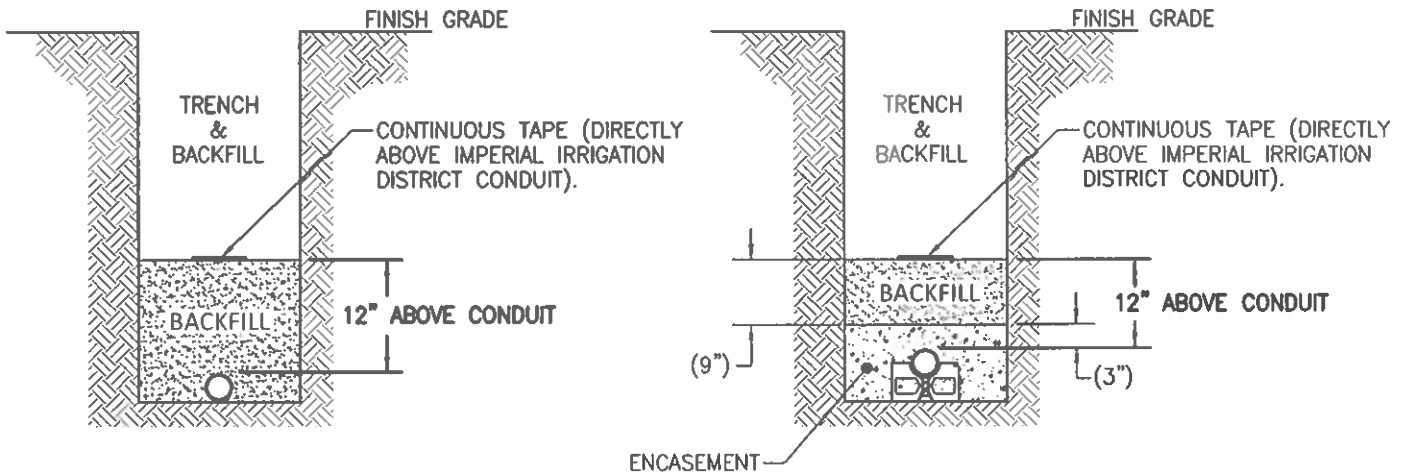
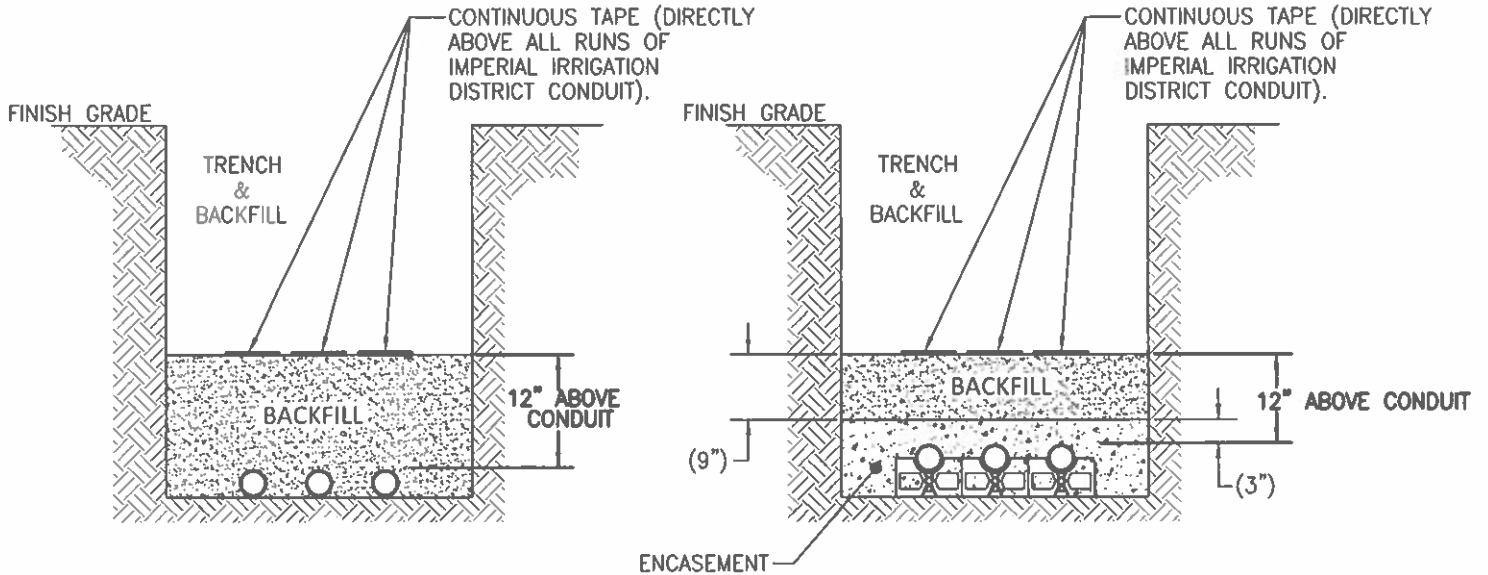
3.41.2.2 Clear of debris

3.41.2.3 No obstructions to IID structures (accessibility)

3.41.3 If mandrel is requested from IID structure to meter panel, IID Inspector will field check the following:

- 3.41.3.1 Scratch coat or brown coat must be installed on residence/building
- 3.41.3.2 Wallboard must be installed on the wall the meter panel is located.
- 3.42 After field checks are approved by IID Inspector:
  - 3.42.1 Cold Mandrel: Can continue per IID Inspectors instructions
  - 3.42.2 Hot Mandrel: Will be scheduled at a later date to an IID Troubleshooter
- 3.43 IID Inspector is required to be in attendance on all mandrel tests
- 3.44 Pulling rope: In all duct runs, the installation contractor is to furnish and install the following:
  - 3.44.1 Polypropylene rope usually yellow in color is acceptable
  - 3.44.2 All conduits may be filled with polypropylene rope, knots & splices are not allowed at any time.
    - 3.44.2.1 Note: If pulling wire at a later date (any time after construction), Developer/Contractor is responsible and required to pull in new rope that have no splices.
    - 3.44.2.2 Note: When multiple conduits are installed, Mule tape, ½" wide with foot markers, is required in one conduit. Mule tape will meet or exceed 1,250 lbs. tensile strength.
    - 3.44.2.3 Note: Detectable mule tape, rope, or wire is prohibited
- 3.45 Table 8 Conduit Rope/Measured Rope Requirements

CONDUIT ROPE/MEASURED ROPE REQUIREMENTS			
Rope Type	Conduit Length	Conduit which will contain Wire	Rope Tensile Strength (Average Breaking Strength)
1) Polypropylene ¾"	0' – 1000'	No Knots	1,250 lbs. Min.
2) Polypropylene ½"	1000' – Greater	No Knots	2,500 lbs. Min.



TYPICAL TRENCH DETAIL  
W/LINEGUARD III TAPE OR EQUIVALENT

**NOTES:**

1. INSTALL LINE GUARD III TAPE (RED, MINIMUM 2" WIDE). TAPE TO BE FURNISHED & INSTALLED BY CONTRACTOR AND SHALL READ:  
**"CAUTION: BURIED ELECTRIC LINE BELOW".**
2. TAPE WILL BE INSTALLED 12" ABOVE HIGHEST PRIMARY OR SECONDARY IMPERIAL IRRIGATION DISTRICT CONDUIT TRENCH.

IMPERIAL IRRIGATION DISTRICT	
DRAWN BY	
REVIEWED	
APPROVED	
REVISION	REV 5
DATE	12-31-2013

**LINE GUARD III TAPE**

100.5

3.47 All conduit spacers shall be made of polystyrene or high impact polymer material; see representation (A) below, (Refer to 3.49 Table 6 for spacer clearances). Spacers shall provide the conduit separation shown in 3.49 Table 6 below.

3.48 Conduit spacers will be installed every 6 feet (72").



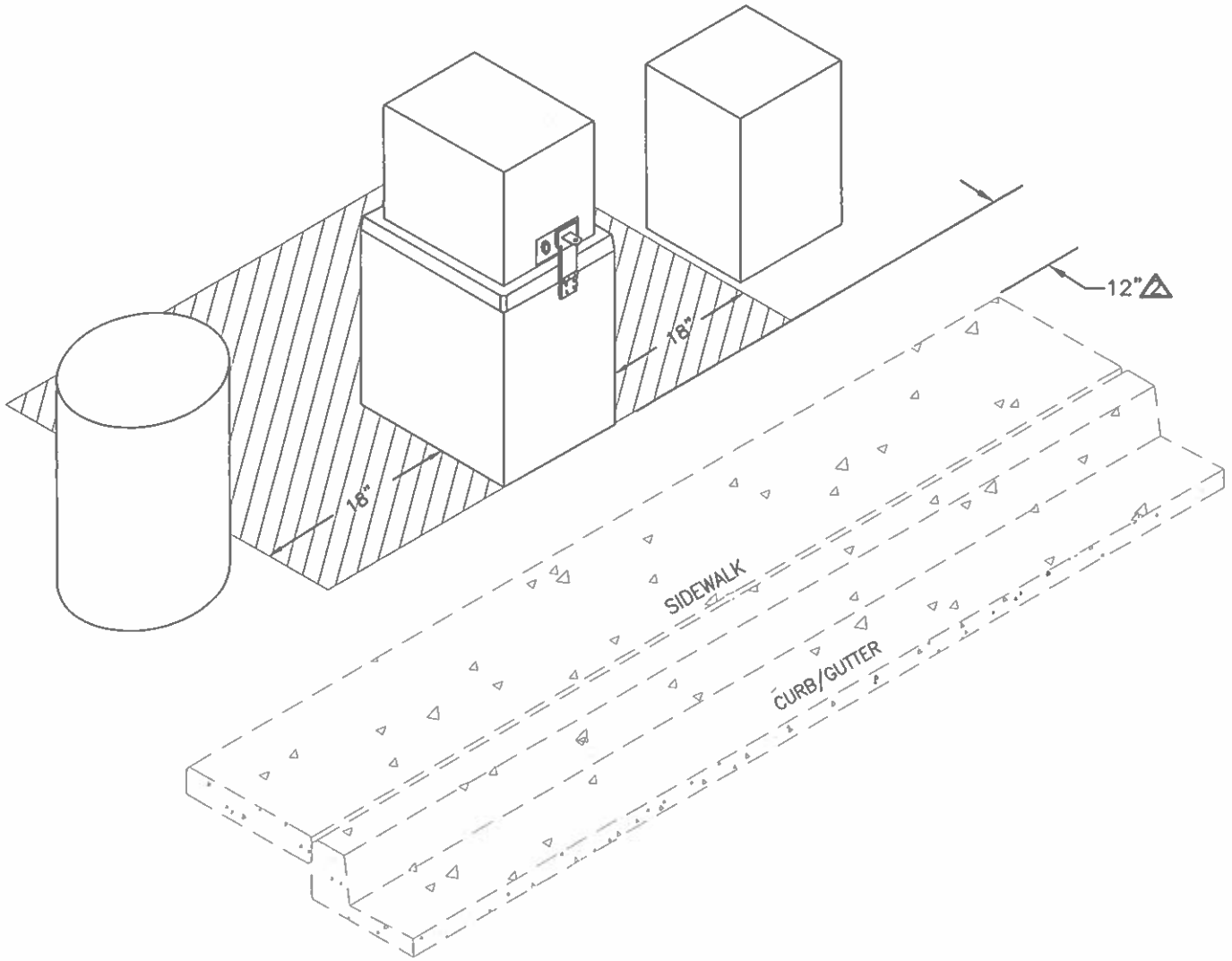
Spacer representation (A) (See 3.47)

3.49 Table 6 Spacers Clearances

TABLE 6 CONDUIT SPACER CLEARANCES					
CONDUIT SIZE	DUCT TO DUCT SEPARATION		CLEARANCE TRENCH TO CONDUIT		
	HORIZONTAL	VERTICAL	SIDE	BOTTOM	TOP
3"	3"	3"	3"	3"	3"
4"	3"	3"	3"	3"	3"
5"	3"	3"	3"	3"	3"
6"	3"	3"	3"	3"	3"

- 6.16 Required clearances from any IID secondary pullbox to other utilities is 18" on sides.
- 6.16.1 Imperial Valley secondary pullbox example. See 6.17 Standard 202.11
- 6.16.2 Coachella Valley secondary pullbox example. See 6.18 Standard 202.12





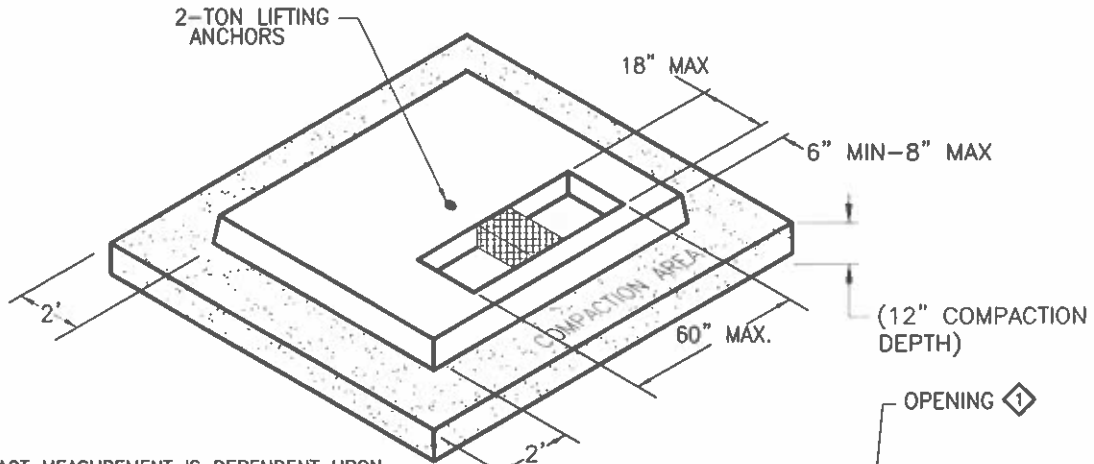
**NOTES:**

- 1. IID REQUIRES SECONDARY PULLBOXES TO HAVE A MINIMUM CLEARANCE OF 18" FROM ALL OTHER UTILITIES.
- ▲ SECONDARY PULLBOX TO BE INSTALLED A MINIMUM OF 12" (1') BEHIND SIDEWALK.

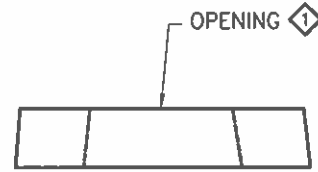
IMPERIAL IRRIGATION DISTRICT		 202.11	SECONDARY PULLBOX SPATIAL REQUIREMENTS FOR IMPERIAL VALLEY
DRAWN BY	<i>JR</i>		
REVIEWED	<i>MS</i>		
APPROVED	<i>MS</i>		
REVISION	REV 2		
DATE	9.29.2016		

5.15 Three Phase Transformer Pad 750 kVA to 2500 kVA. See 5.16 and 5.17 standard 137 and 137.1

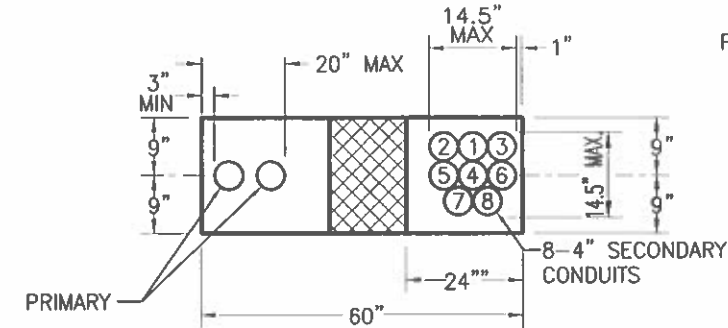
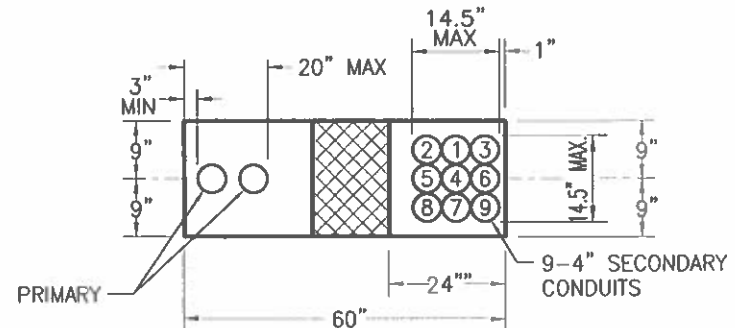
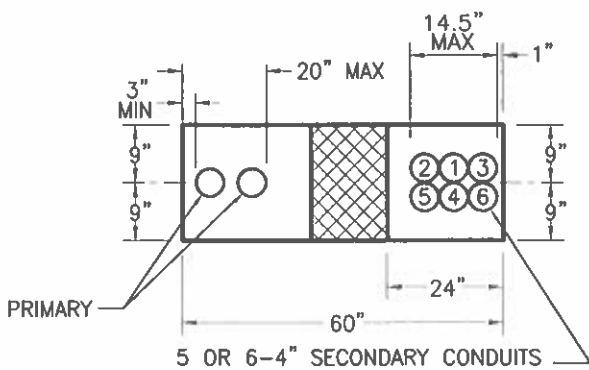
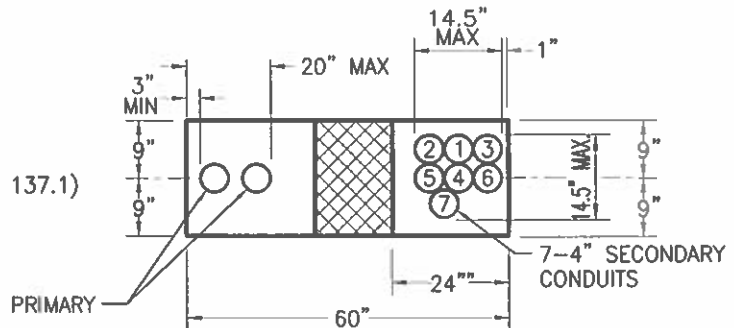
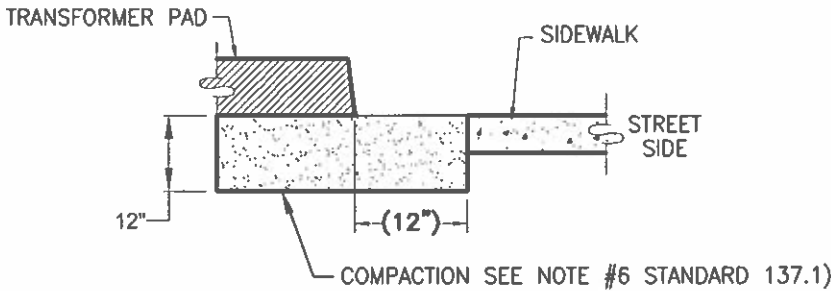
5.15.1 Approved three phase transformer pad manufacturers see 5.17 standard 137.1



\*NOTE: EXACT MEASUREMENT IS DEPENDENT UPON MANUFACTURER SPECIFICATIONS. SEE STANDARD 137.1, CONSTRUCTION NOTE 2. APPROVED MANUFACTURERS AND STRUCTURERS.



**FRONT VIEW**  
N.T.S



SHADED AREA TO BE CLEAR OF ALL CONDUIT

NOTE:

① WINDOW OPENING ON TOP OF PAD IS SLIGHTLY SMALLER THAN BOTTOM OPENING A RESULT OF FORM CONSTRUCTION

IMPERIAL IRRIGATION DISTRICT	
DRAWN BY	<i>JR</i>
REVIEWED	<i>MS</i>
APPROVED	<i>MS</i>
REVISION	REV 7
DATE	9-27-2016

**PRECAST CONCRETE PAD DETAIL FOR  
THREE-PHASE TRANSFORMERS  
750KVA TO 2500KVA**

**137**

CONSTRUCTION NOTES:

1. A PRECAST CONCRETE PAD SHALL BE USED.
2. APPROVED MANUFACTURERS AND STRUCTURES:

750 kVA - 2500 kVA TRANSFORMER PAD			
MANUFACTURER	PHONE No.	STRUCTURE No.	DIMENSIONS FRONT/SIDE/THICKNESS
SUPERIOR READY MIX	(760)352-4341	3427HLR	96"(F) X 96"(S) X 8"(T)
JENSON PRECAST	1-800-257-6100	9696-T8-25	96"(F) X 96"(S) X 8"(T)
OLD CASTLE	1-800-626-3860	IID-9696-08P	96"(F) X 96"(S) X 8"(T)

(F) = FRONT                      (S) = SIDE                      (T) = THICKNESS

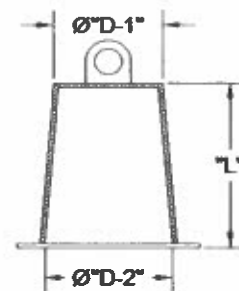
3. CONTRACTOR TO PROVIDE TWO 5/8"x 10' COPPERWELD GROUND RODS PER PAD (INSTALLATION BY CONTRACTOR.)
4. SIZE AND NUMBER OF CONDUITS IN EACH PAD TO BE AS SHOWN ON CONDUIT LAYOUT.
5. ANCHORAGE TO BE SET BY I.I.D. WHEN TRANSFORMER IS INSTALLED.
6. CONTRACTOR SHALL PROVIDE & INSTALL 12" OF CLASS 2 AGGREGATE ROAD BASE MATERIAL OR CRUSHER FINES WITH 3/8" ROCKS UNDERNEATH TRANSFORMER PAD, AND COMPACT ALL ROAD BASE UNDERNEATH TRANSFORMER PAD TO A MINIMUM COMPACTION OF 90%. SEE STANDARD 135. SECTION 3, 3.4.
7. CONDUITS TO TERMINATE 1" ABOVE TOP OF TRANSFORMER PAD.

IMPERIAL IRRIGATION DISTRICT			PRECAST CONCRETE PAD DETAIL FOR THREE-PHASE TRANSFORMERS 750KVA TO 2500KVA
DRAWN BY	<i>JR</i>		
REVIEWED	<i>MS</i>		
APPROVED	<i>MS</i>		
REVISION	REV 8		
DATE	9-27-2016		

- 5.18 No landscaping will be allowed including sprinkler systems within the compacted area.
- 5.19 A concrete curb will be required when compaction grade level does not meet finished grade level. See 5.20 Standard 100.9



- 5.21 All transformer precast pads, sector sleeves, pull boxes, manholes, vaults, and switch pad installations shall be installed 3 inches above final grade (where not installed along sidewalks) and flush with final sidewalk for those types of installations. In areas with sloping contours greater than ¼" (.25") to the foot, the top edge shall be set as shown below highest point of slope. (In no case shall there be more than 3 inches of slope in 1 foot (12") of horizontal measurement).
- 5.22 Contractor/Developer shall keep all debris away from IID's transformer pads, primary vaults, secondary pull boxes, and other IID equipment to give IID personnel access during the duration of the project.
- 5.23 Excavation for vaults, junction pads, secondary pullboxes and conduits shall be made to the proper depth (Refer to 3.26). After proper installation and inspection have been completed, compacted backfill (native soil or Caltrans Class 2 aggregate base or crusher fines with 3/8 inch rock) shall be made to the finished level. All surplus excavation shall be disposed of in a satisfactory manner.
- 5.24 Contractor is responsible for permanent and waterproof markings on all interior vault knockouts, any and all conduits, conduit runs, and stub outs, with the conduit number corresponding to the number shown on the plans.
- 5.25 Contractor shall seal or grout around seams, lid sections, and ducts entering vaults and pullboxes to prevent soil and water entering at joints or openings.
- 5.26 Where the external diameter of the conduit is smaller than the diameter of the opening in the vault wall, the reduction in conduit diameter shall take place 2 feet (24") from the external wall of the vault. (Refer to 3.28 and 3.30 Standard 100.142).
- 5.27 All conduits entering secondary pull boxes or splice boxes shall be cut off 7 inches to 9 inches above the pea gravel. All conduits will be required to be capped using polyethylene plugs with pull tabs. See 5.28 Table 7, Poly Plugs.



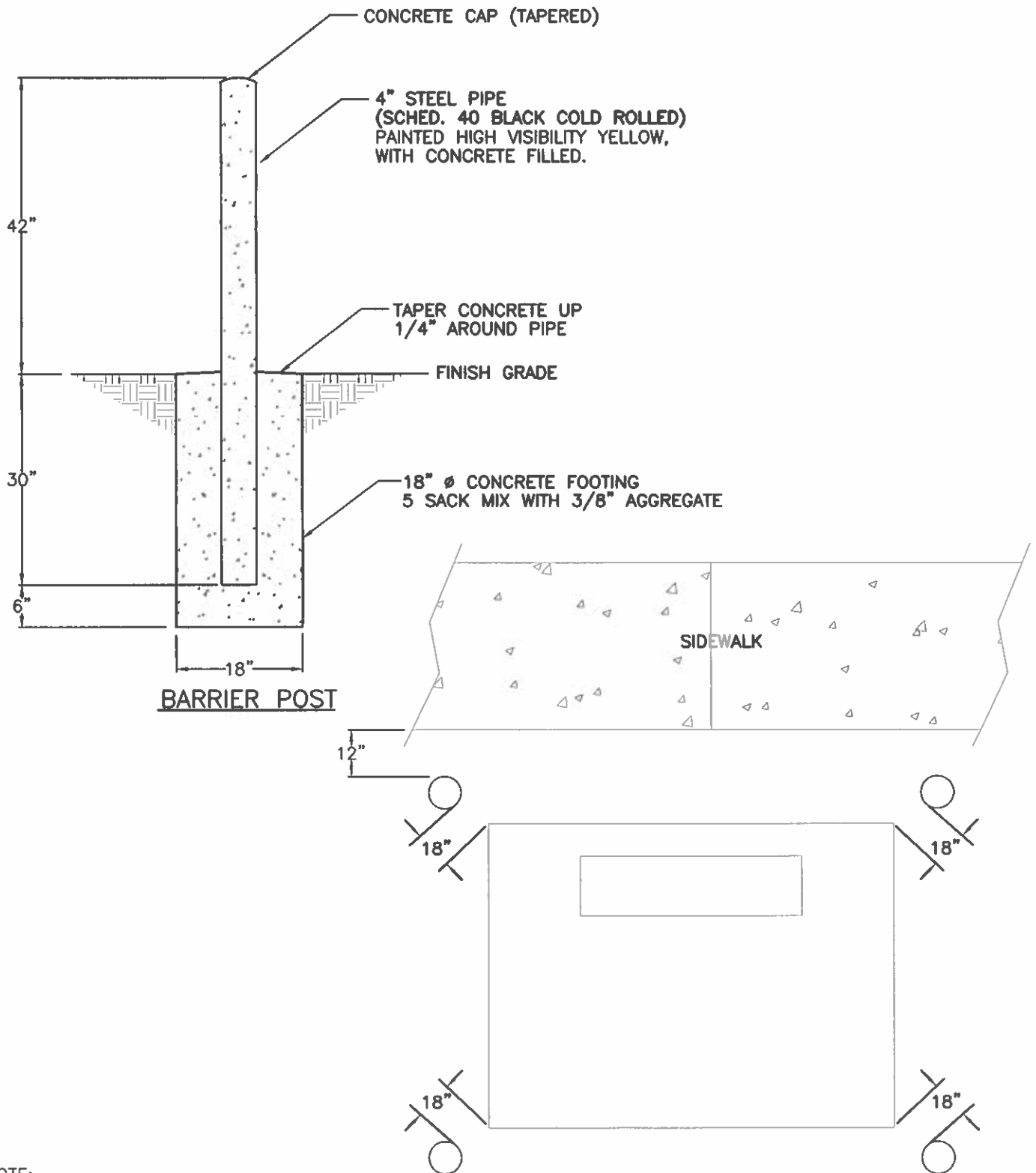
5.28 Table 7 Poly Plugs

Trade Size	"L"	Ø "D - 1"	Ø "D - 2"
3"	3.750"	2.875"	3.500"
4"	3.875"	3.750"	4.500"
5"	3.750"	4.875"	5.625"
6"	3.875"	5.625"	6.875"

5.29 Barrier posts shall be 4" diameter pipe schedule 40 black cold rolled steel, painted high visibility yellow.

5.30 Barrier posts require a concrete fill/foundation. See 5.32 Standard 181.6.

5.31 IID will not accept removable barrier posts.

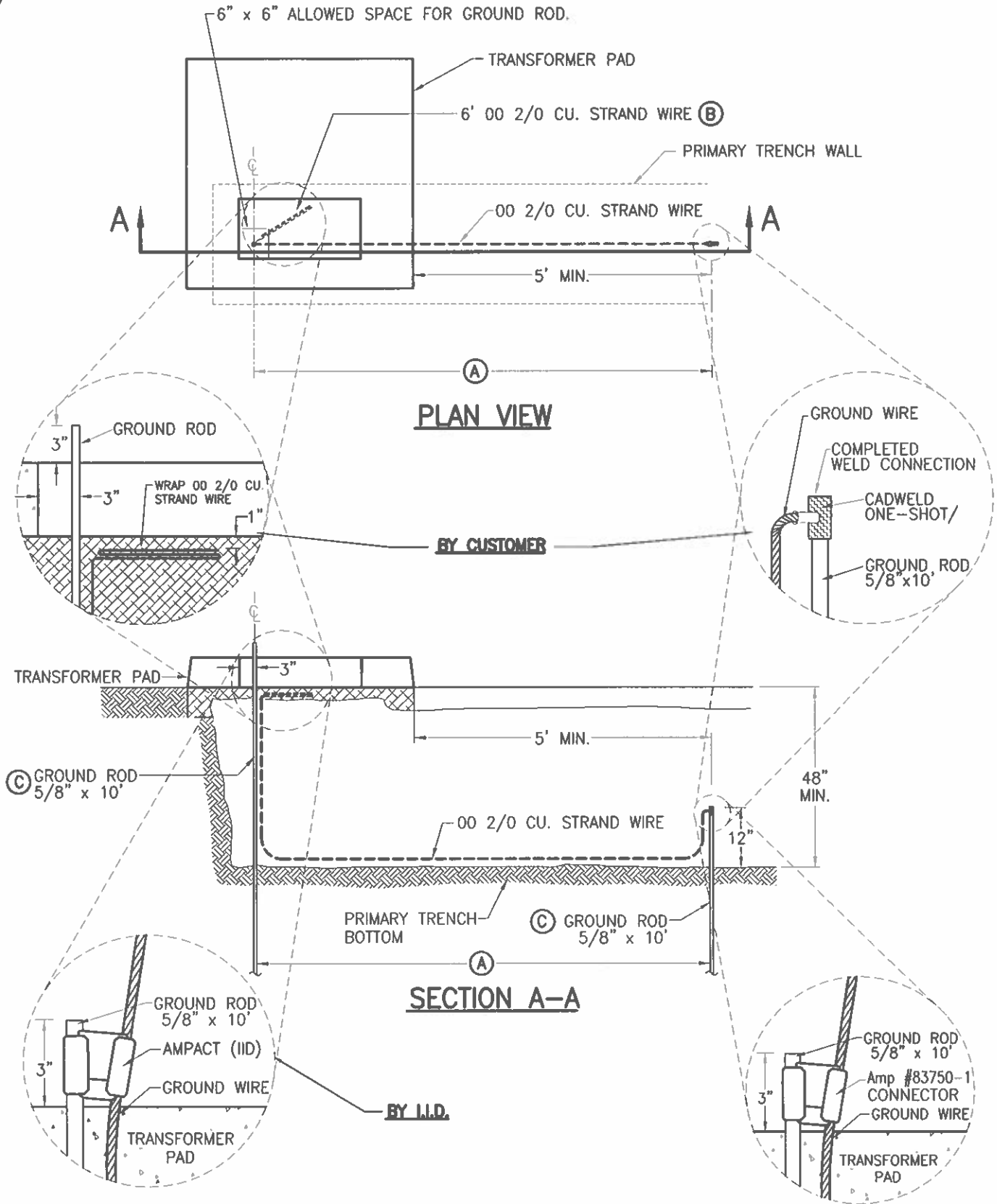


**NOTE:**

1. REMOVABLE BARRIER POSTS ARE NOT ALLOWED.
2. IMPERIAL VALLEY TRANSFORMER PAD SHOWN.

IMPERIAL IRRIGATION DISTRICT			TYPICAL BARRIER POST DETAIL
DRAWN BY	<i>gr</i>		
REVIEWED	<i>ps</i>		
APPROVED	<i>ms</i>		
REVISION	REV 5		
DATE	9-27-2016		

- 5.33 To comply with California General Order 128, rule 21.5A, the contractor is required to provide and install, a minimum of 2 - 5/8" x 10' ground rods. Copperweld ground rods shall be installed at each transformer pad and junction pad, and primary vault. (See 5.22.1 – 5.22.4).
- 5.34 The Developer/Contractor is responsible for driving any and all ground rods in the system that is a joint trench. This will be predetermined and completed before IID construction crews arrive on the job.
- 5.35 Trench and pad grounding:
- 5.35.1 Single phase transformer see 5.36 and 5.36.1 Standard 190.2-190.21
  - 5.35.2 Three phase transformer see 5.37 and 5.37.1 Standard 190.3-190.31
  - 5.35.3 Single phase sector see 5.38 and 5.38.1 Standard 190.4-190.41
  - 5.35.4 Three phase sector see 5.39 and 5.39.1 Standard 190.5-190.51



IMPERIAL IRRIGATION DISTRICT

DRAWN BY	<i>JR</i>
REVIEWED	<i>RD</i>
APPROVED	<i>MB</i>
REVISION	REV 8
DATE	11-21-2016



TRENCH GROUND WIRE FOR  
THREE PHASE TRANSFORMER PADS  
 TO BE INSTALLED BY CONTRACTOR

190.3

**CONSTRUCTION NOTES:**

- Ⓐ GROUND RODS TO HAVE A 6'-0" MINIMUM SEPARATION.
- Ⓑ WRAP 6' OF WIRE (NOT EXPOSED) 1" UNDERGROUND NEXT TO GROUND ROD.
- Ⓒ LOCATE GROUND RODS SO THEY DO NOT TOUCH CONDUITS. GENERAL ORDER 128 REQUIRES GROUND RODS TO BE DRIVEN.

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	STOCK No.	PAGE No.
1	1	CONCRETE PAD, SEE STANDARD 136 THRU 137		
2	1	CADWELD, ONE-SHOT/Amp CONNECTOR #B3750-1	40003365	
3	20'	WIRE - COPPER 00 2/0 STRAND, SOFT DRAWN BARE	40004222	
4	2	GROUND ROD, 5/8" x 10', COPPERWELD	40003814	

**NOTES:**

THE SERVICE TRENCH IS ON PRIVATE PROPERTY AND BELONGS TO THE CUSTOMER, THEREFORE, THE TRENCH GROUND WIRE SHOULD ALWAYS BE INSTALLED IN THE PRIMARY TRENCH.

IMPERIAL IRRIGATION DISTRICT	
DRAWN BY	<i>JR</i>
REVIEWED	<i>PD</i>
APPROVED	<i>MS</i>
REVISION	REV 7
DATE	11-21-2016



**TRENCH GROUND WIRE FOR  
THREE PHASE TRANSFORMERS PAD  
TO BE INSTALLED BY CUSTOMER**

**190.31**

10. The Contractor shall construct and maintain three (3) project signs at the project site according to the following requirements:

The signs shall be 4 feet X 8 feet and erected and maintained by the Contractor at or near the project site. Sign locations will be determined by the Engineer. Signs shall be made of ¾" thick AC exterior plywood. Signs shall be white with black lettering and multi-colored logos. Paint and lettering shall be all weather grade and suitable for long-term outdoor exposure throughout the duration of the project. The signs shall be prepared in a professional manner. Signs shall be supported with 4" X 4" wood posts and 3/8-inch galvanized carriage bolts.

The Contractor shall submit a drawing of the signs as a submittal document with the final sign/lettering dimensions, lettering layout, font size and type to the Engineer for approval prior to construction. The Project Sign submittal is included in the Technical Specification Section 01300-1.09 submittal list. The drawing shall be prepared to a scale. The signs shall include, but not be limited to, the following:

- Project Title
- Funding Source
- Estimated Construction Duration
- Community Involvement Contact
- County of Imperial color logo

In addition to County of Imperial color logo, other agencies' logos and promotional information or disclosure statement may be required. The County logo will be forwarded to the Contractor. Additional information may be required as requested by the County of Imperial.

The *Project Identity Sign* shall be installed and mounted per *Exhibit "A" of the following this Addendum Item*.

Contractor Identity Sign and Federal and State Required Contractor's Employee Notices and Posters shall be erected for this project. The background and requirements of the sign is as follows:

- a. California requires a project identity sign for all construction projects in the State of California. Federal requirements also require a project identity sign for all projects funded with federal funds. At a minimum this sign must possess a project name, the awarding agencies' information and the funding agencies' information.

b. California requires a General Contractor identity sign for all construction projects in the State of California. At a minimum, this sign must have the General Contractor's name, address, telephone number, State Contractor's License number and an after-hours emergency telephone number for police and fire emergencies.

c. California and Federal labor laws require employee notices and posters be provided at all project sites that employ workers. Federal labor laws for Public Works projects require the current Federal Wage Decisions to be posted and maintained at the project site for the duration of a construction project. California labor laws for Public Works projects require the current State Wage Decisions to be posted and maintained at the project site for the duration of a construction project. In addition, there are EEO, OSHA and other required postings to be posted and maintained at the project site for the duration of the construction.

d. A clear plexiglass plate is to be placed over the sign to protect the posters from the elements.

e. The signs are to be erected at the project site within ten (10) days after the issuance of the Notice to Proceed. The location of the signs shall be determined by the Engineer.

The erection requirements of the *Contractor's Identity and Employees Notices and Poster Signs* are illustrated on *Exhibit "B" following this addendum item*.

Submittal documentation regarding each sign required for this project shall be forwarded to the Engineer for review, comment and approval. The Contractor shall not authorize preparation of the signs until the sign submittals are approved by the Engineer.

**ATTACHED PROJECT IDENTITY SIGN – EXHIBIT A**

**AND**

**CONTRACTOR'S IDENTITY AND EMPLOYEES NOTICES AND POSTER SIGNS – EXHIBIT B**

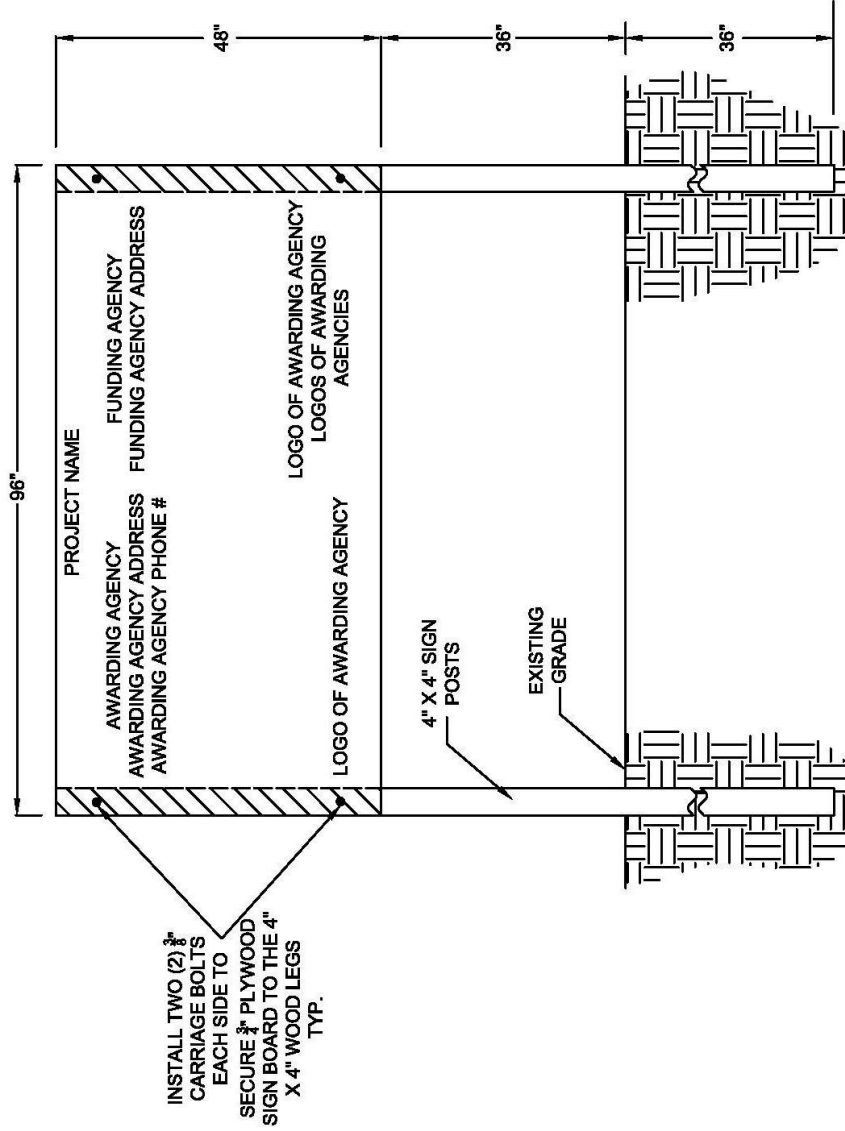
**FOLLOW THIS ADDENDUM ITEM**



# **EXHIBIT A**

## **PROJECT IDENTITY SIGN**

# PROJECT IDENTITY SIGN



INSTALL TWO (2) 3/8" CARRIAGE BOLTS EACH SIDE TO SECURE 3/4" PLYWOOD SIGN BOARD TO THE 4" X 4" WOOD LEGS TYP.

## NOTES:

- AT A MINIMUM PROVIDE THE FOLLOWING INFORMATION ON THE PROJECT IDENTITY SIGN
  - \* NAME OF THE PROJECT
  - \* AWARDING AGENCY
  - \* AWARDING AGENCY ADDRESS
  - \* AWARDING AGENCY PHONE NO.
  - \* AWARDING AGENCY LOGO
  - \* FUNDING AGENCY
  - \* FUNDING AGENCY ADDRESS
  - \* FUNDING AGENCY LOGO
- INSTALL FACING THE PUBLIC

NOT TO SCALE

APPROVED: _____ DATE: _____	DESIGNED BY: RWR	DRAWN BY: RWR	PROJECT TITLE: PROJECT IDENTITY SIGN REQUIREMENTS
SCALE: _____	REVISIONS:	DATE:	PROJECT NUMBER: 135 0006
BENCH MARK NO. _____	ELEVATION: _____	DATE:	SHEET CONTENT: ALL OTHER PROJECTS SIGN REQUIREMENTS
1001 N. UNIVERSITY AVENUE SUITE 200 SACRAMENTO, CA 95833 PHONE: (916) 486-3000 FAX: (916) 486-3001 WWW.HOLTGROUP.COM			SHEET No. 1 of 1

# **EXHIBIT B**

**CONTRACTORS IDENTITY SIGN & EMPLOYEE NOTICES AND POSTER SIGN**

**CONTRACTOR  
IDENTITY SIGN  
(FACING PUBLIC)**

INSTALL #2 BCX PLYWOOD SIGN  
BOARDS TO BOTH SIDES  
TYP.

INSTALL CLEAR  
PLEXIGLAS OVER THE  
IDENTITY SIGN.

INSTALL TWO (2) 3/4" CARRIAGE  
BOLTS EACH SIDE TO SECURE  
PLYWOOD SIGN BOARD TO  
THE 2" X 4" WOOD LEGS  
TYP.

AS A MINIMUM, PROVIDE  
FOLLOWING INFORMATION ON  
CONTRACTOR'S IDENTITY

- PRIME CONTRACTOR'S NAME
- CONTRACTOR'S OFFICE ADDRESS
- CONTRACTOR'S PHONE #
- CONTRACTOR'S LICENSE #
- CONTRACTOR'S AFTER HOURS  
EMERGENCY PHONE #

**FEDERAL AND STATE REQUIRED  
CONTRACTOR'S EMPLOYEE  
NOTICES AND POSTERS**

INSTALL CLEAR  
PLEXIGLAS OVER THE  
EMPLOYEE NOTICES AND  
POSTERS, TYP.

4" X 4" SIGN  
POSTS

EXISTING  
-GRADE

SIDE 2

SIDE 1

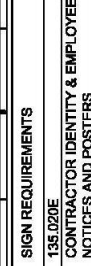
EXISTING  
-GRADE

**NOTE: THE CONTRACTOR SHALL INSTALL TWO (2) SEPARATE CONTRACTOR IDENTITY AND CONTRACTOR'S EMPLOYEE NOTICE SIGNS OR USE ONE SET OF SIGN POSTS AND MOUNT THE CONTRACTOR IDENTITY AND THE CONTRACTOR'S EMPLOYEE NOTICES ON OPPOSITE SIDES OF THE SIGN POST. THE CONTRACTOR IDENTITY SIGN MUST FACE THE PUBLIC AT THE LOCATION DESIGNATED BY THE AWARDING AGENCY. IF TWO (2) SEPARATE SIGNS ARE INSTALLED, PLACE THOSE SIGNS IN CLOSE PROXIMITY.**

NOT TO SCALE



PROJECT TITLE: SIGN REQUIREMENTS  
PROJECT NUMBER: 135.020E  
SHEET CONTENT: CONTRACTOR IDENTITY & EMPLOYEE NOTICES AND POSTERS



100 N. MERRILL AVENUE  
210 CENTRAL EX. BLDG.  
PAK 1100-337-8997

**The Holt Group**

APPROVED	DATE	DESIGN BY: RWR	DRAWN BY: RWR
		SCALE:	DISCLOSED BY: RWR
		REVISION MARK NO.:	REVISIONS:

REVISION	DATE	DESCRIPTION

Prepared by:

  
\_\_\_\_\_  
John Gay, P.E.  
Public Works Director  
County of Imperial

Date: August 08, 2024

**Addendum No. 01 Acknowledgement** \_\_\_\_\_

The Bidder is responsible for advising any and all subcontractors and suppliers of this addendum. Each bidder must acknowledge receipt of this addendum in the noted space below and where indicated in the Bid Form. This sheet of the addendum is to be signed by the Bidder and submitted with the Bid.

Print or Type Bidder's Name: \_\_\_\_\_

Print or Type Authorized Name: \_\_\_\_\_

Authorized Signature of Bidder: \_\_\_\_\_

Date Signed: \_\_\_\_\_