



## Terrebonne Parish Consolidated Government Typical Installation Overhead Service

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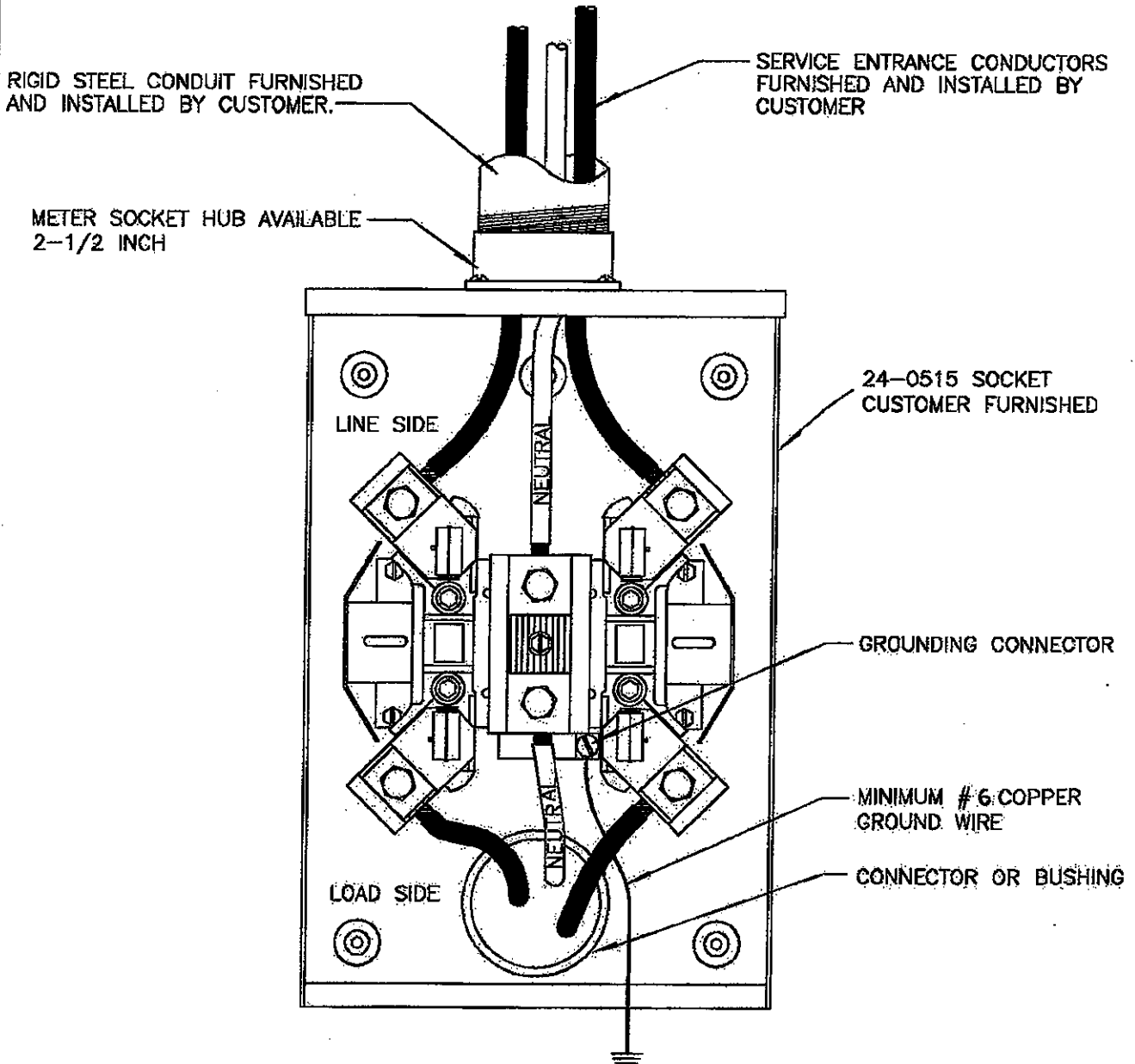
### A. General Notes:

- Meter socket, load conductors, conduit straps, lock nuts, weather heads, service drop attachments, bushings, connectors, and miscellaneous mounting hardware SHALL be furnished and installed but the customer's contractor.
- Meter pans SHALL be UL listed, rated for the proper amperes and configuration (200 or 320 amperes, single or three phase), and designed for Overhead use.
- When voltage above 120/208-240 VAC is required a disconnect switch SHALL be placed before the meter socket.
- Conduit SHALL be 2 ½" rigid metal.
- 8' x 5/8" driven ground rod supplied by the customer's appointed contractor. \*
- Placement of the meter pan SHALL be 3' from the front corner of the structure with accessibility to the equipment and unobstructed working space adjacent to the meter equipment. Right or left corner will be dictated by service location.
- Placement of a meter socket in an alley way or areas where meter is subject to damage SHALL be prohibited.

### B. Mounting Instructions:

- Meter socket and conduit SHALL be surface mounted **without** brick or other exterior veneers encasing the equipment.
- Meter sockets and conduit straps SHALL be fastened to building using appropriate hardware. A minimum of 4 fasteners shall be used to mount socket.
- Conduit SHALL be fastened 6" above meter socket and every 18" thereafter. Conduit straps SHALL have two mounting holes.
- Meter socket should be a minimum 5'-6" and a maximum 6'-0" above final grade. \*

**\*SEE DRAWING NEXT PAGE**



DISTRIBUTION SPECIFICATIONS

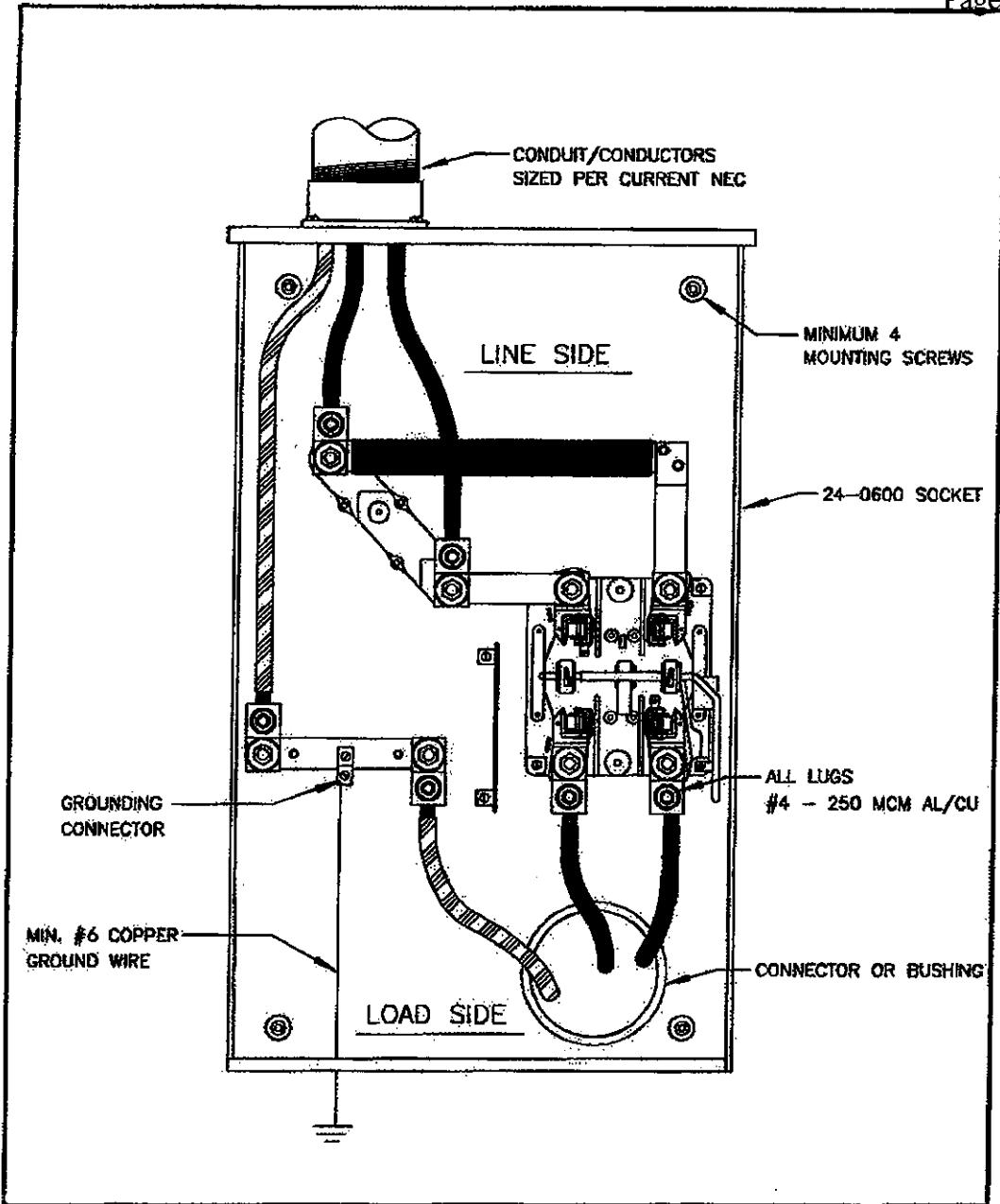
SUBJECT SINGLE PHASE, 3 WIRE OVERHEAD SERVICE

DETAIL 200 AMP

Date 10/18/10

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File F:\DrawingFiles\Standards\ElectricStandards\SinglePhase3WireOHSservice

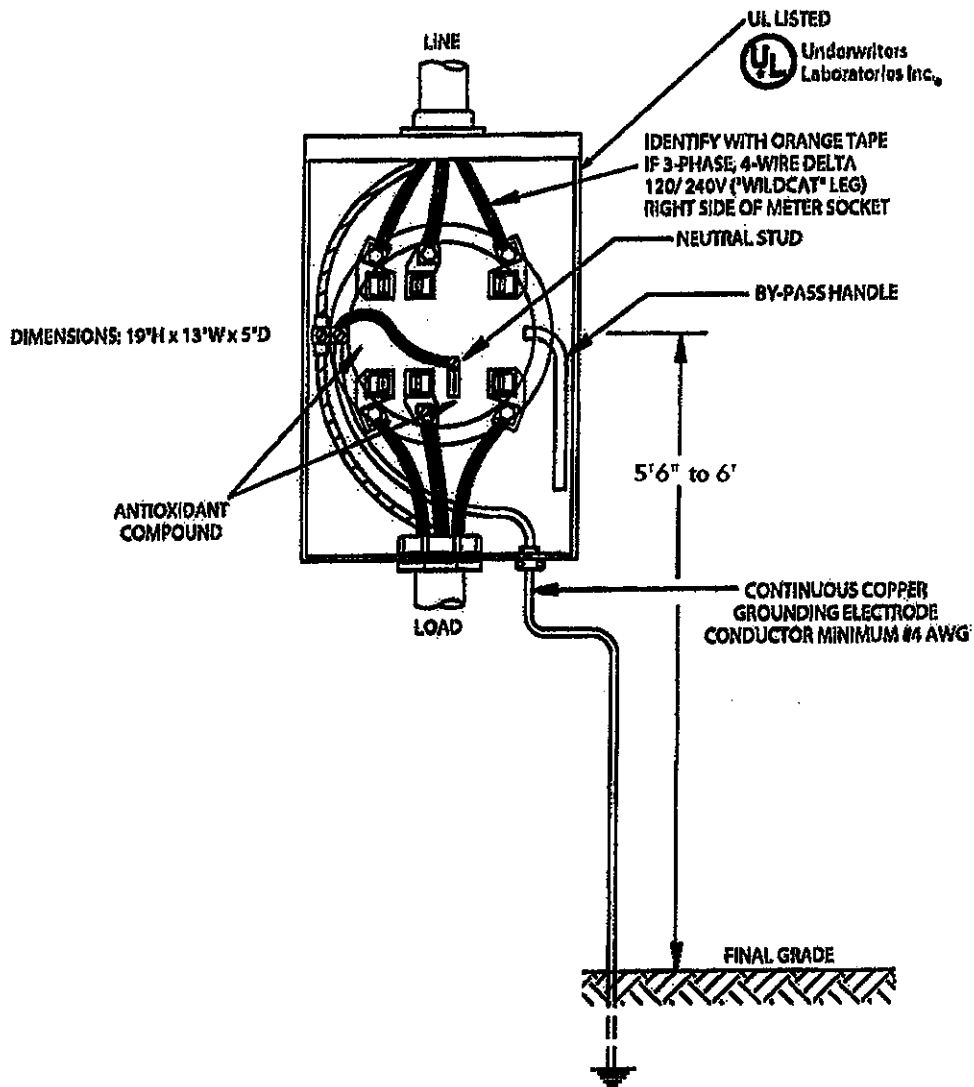


DISTRIBUTION SPECIFICATIONS		
SUBJECT <u>SINGLE PHASE 3 WIRE SERVICE USING CLASS 320 SOCKET</u>		
DETAIL _____		
Date <u>10/18/10</u>	Page <u>6 of 6</u>	File <small>F:\DrawingFiles\Standards\ElectricalStandards\SinglePhase3WireClass320Socket</small>

### 3-Phase 4-Wire Self-Contained Meter Box

3-PHASE 4-WIRE DELTA OR WYE  
120/240V OR 120/208V METER BOX

3-PHASE, 4-WIRE DELTA 120/240 VOLT, 120/208V VOLT  
METERING 200 AMPERES OR LESS



**DISTRIBUTION SPECIFICATIONS**

SUBJECT 3-Phase 4-Wire Self-Contained Meter Box

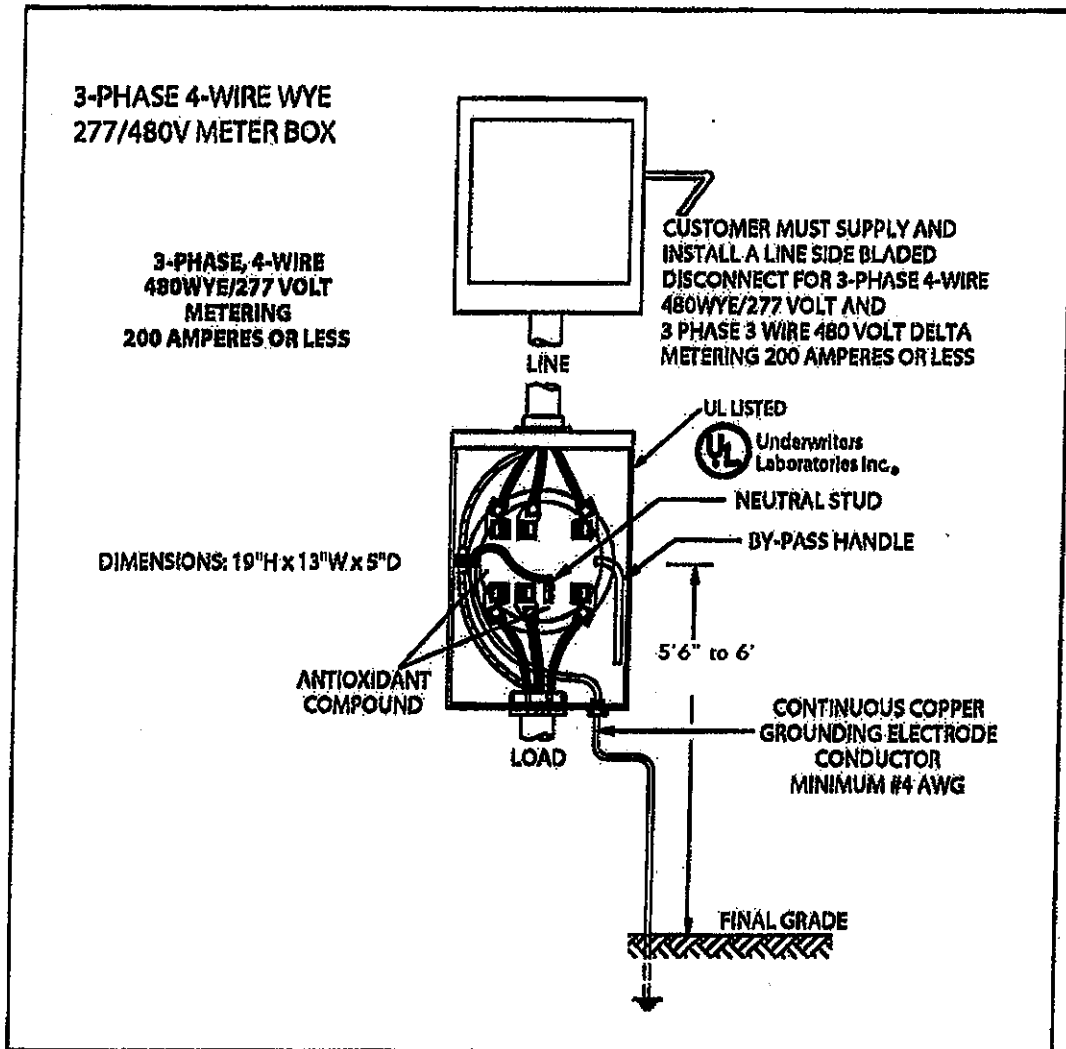
DETAIL \_\_\_\_\_

Date 10/18/10

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File FD Drawing Standards Standards Electrical Standards  
3-Phase 4-Wire Self-Contained Meterbox

### Three-Phase and Metering Transformers 3-Phase 4-Wire WYE 480/277v Self-Contained Meter Box



**DISTRIBUTION SPECIFICATIONS**

**SUBJECT** Three-Phase and Metering Transformers

**DETAIL**

Date 10/18/10

Page 7 of 15

File For Drawing Files/Standards/Electric/Standards/3Phase-4Wire-480-277vSelf-Contained-Meter-Box



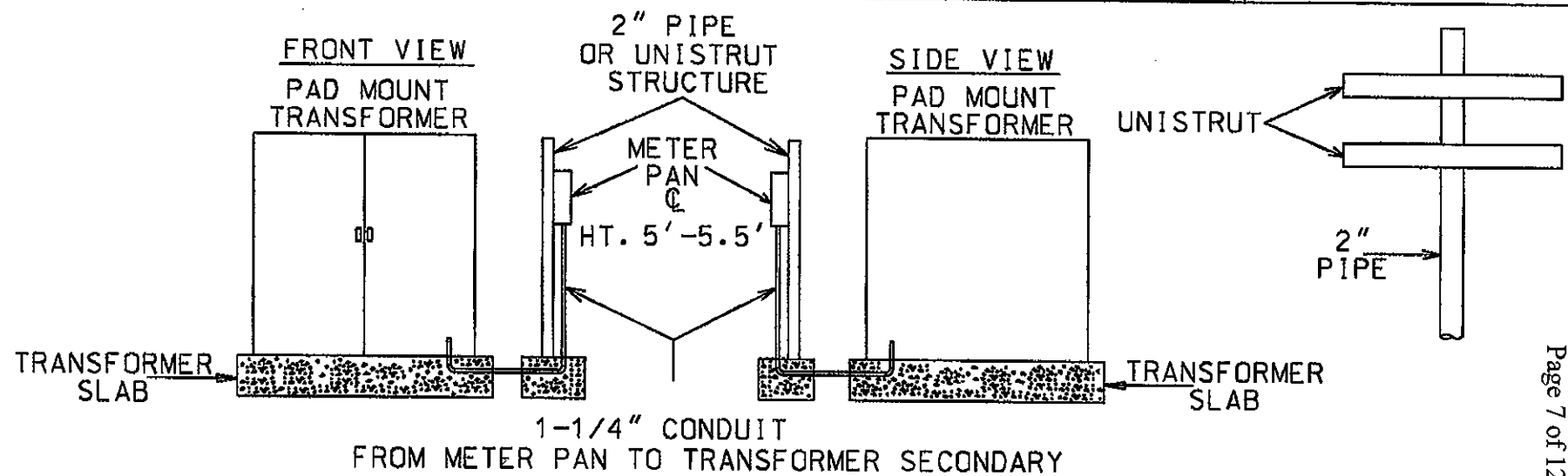
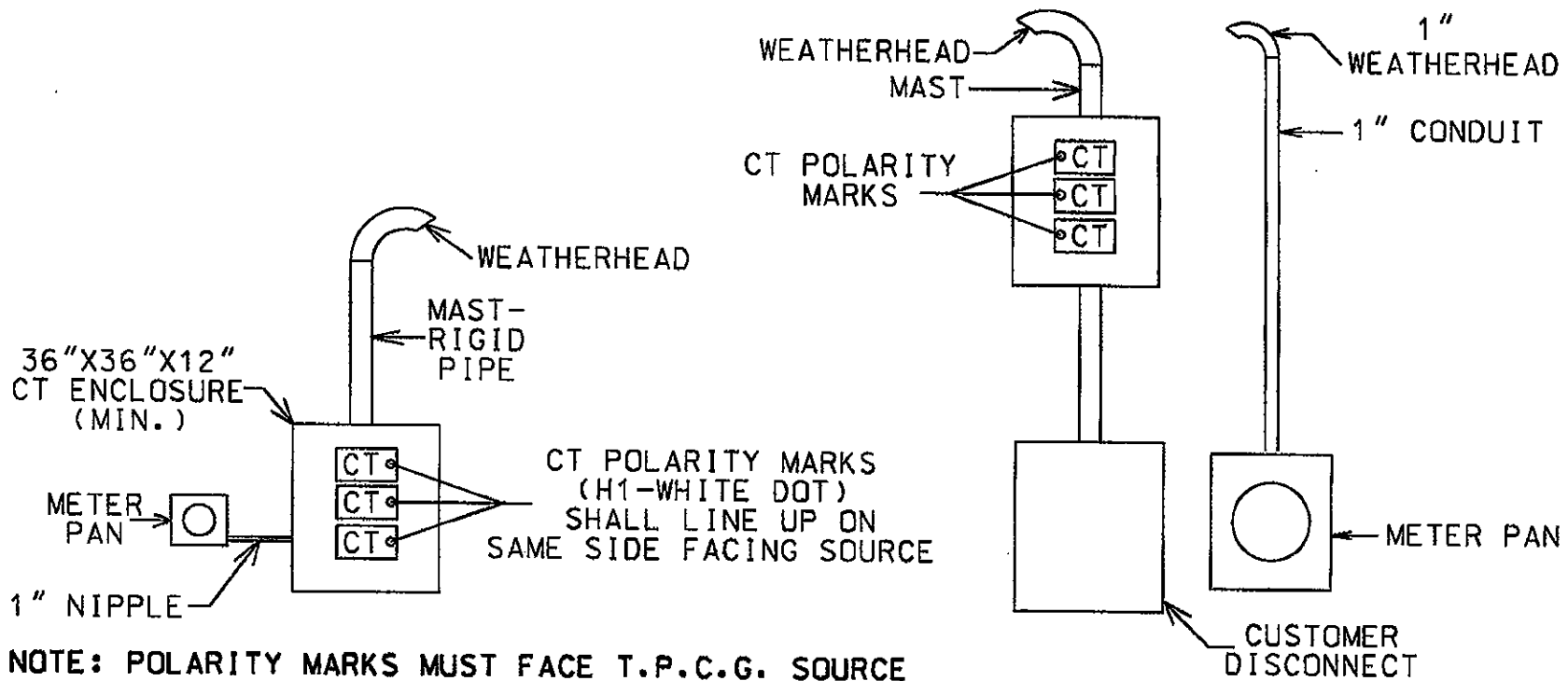
Terrebonne Parish Consolidated Government  
Typical Installation  
Commercial Service

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**A. General Notes:**

- Meter socket, conduit (min. 3"), wire, straps, lock nuts, bushings, connectors, and miscellaneous mounting hardware SHALL be provided and installed by the customer's contractor.
- Secondary connection to TPCG facilities SHALL be the responsibility of the Customer's contractor. TPCG will de-energize and provide a safe work environment for the contractor to complete his connections.
- If commercial service is above 400 amperes, it will require an Instrument rated meter package to be provided by TPCG. Meter socket, instruments, and instrument wire will be provided by TPCG for contractor to mount on commercial structure. CT cabinet SHALL be supplied by the customer's contractor and mounted next to the disconnect and below the meter socket. Once mounted, contact our engineering technician at (985)873-6763 to complete installation.
- Should it be determined the CT's will mount in the transformer, a CT cabinet will not be required. A meter socket stand SHALL be erected by the customer's contractor. \*see drawing next pages for details.
- Transformer slab and metering details are on the next pages.
- Please fill out an appropriate service request\*\* to ensure the timely connection of your service. Service request can be dropped off at 301 Plant Road, faxed to (985) 873- 6770, or emailed to [rsavoie@tpcg.org](mailto:rsavoie@tpcg.org) (attn. Robert Savoie). Also, any drawings or sketches needed for electrical service can be sent along with request.

*\*\*Electric Distribution Customer Load Data Form*



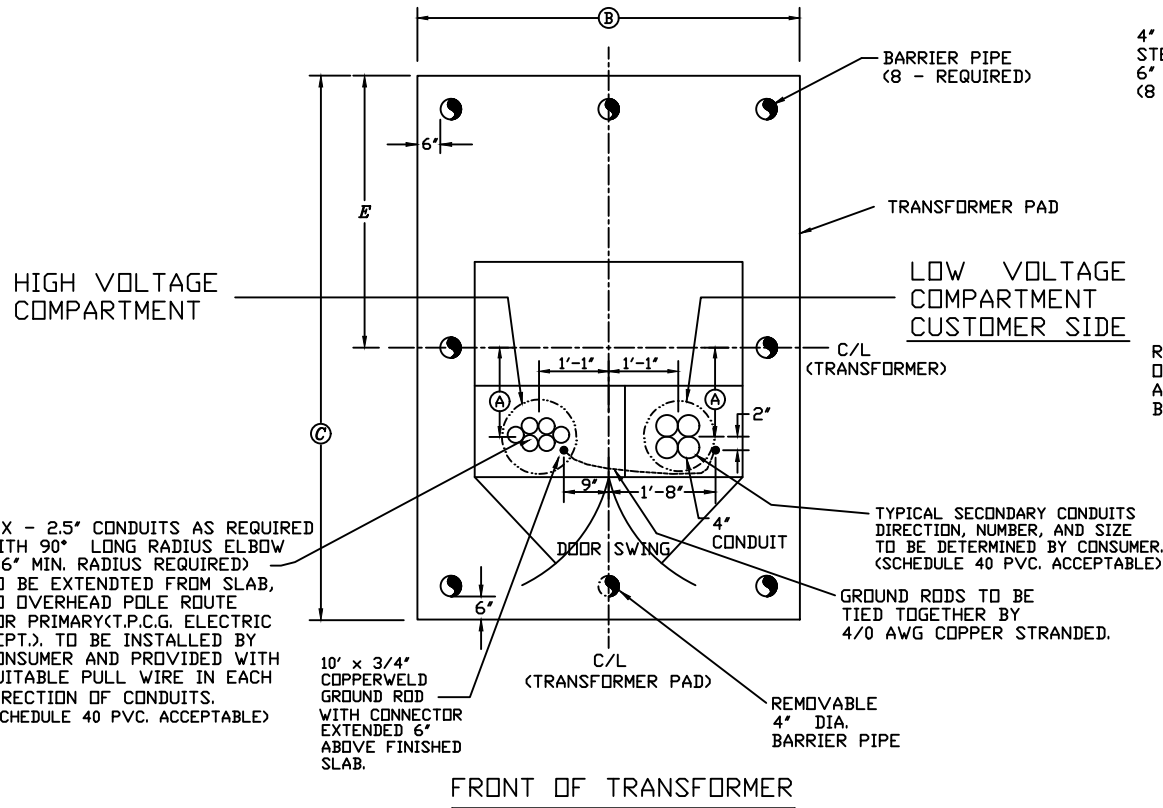
**NOTE: CTS AND METER PAN WITH CONDUIT SHALL BE INSTALLED BY CUSTOMER**

TPCG CONTACT: DELISHA HOLMES 873-6763  
OR GREG LEWIS 873-6783

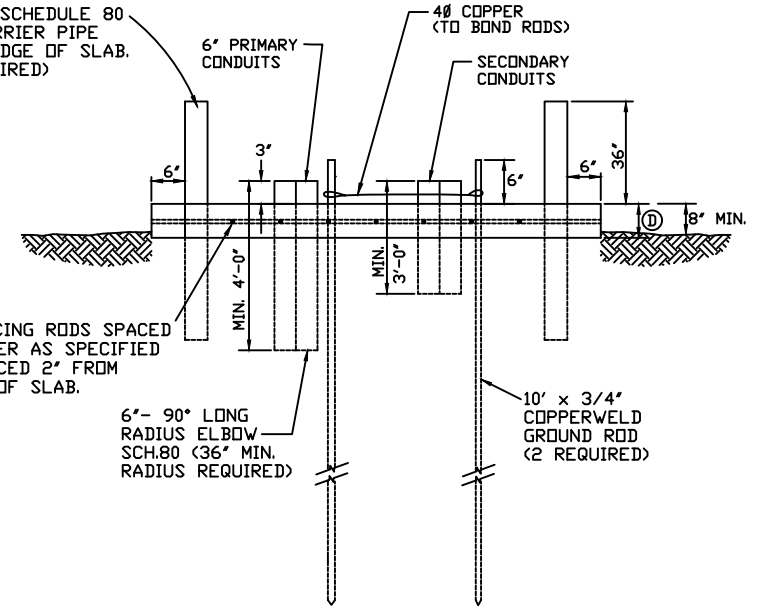
**CT ENCLOSURE INSTALLATION DETAILS**

REV. 09/08/10 SS BY: JACK GARDNER

BACK OF TRANSFORMER



4" DIA. - SCHEDULE 80  
STEEL BARRIER PIPE  
6" FROM EDGE OF SLAB.  
(8 - REQUIRED)



FRONT OF TRANSFORMER

NOTES:

1. SLAB SHOULD BE ELEVATED A MINIMUM OF 8" FROM SURROUNDING GRADE.
2. INSTALL 6' X 4' BARRIER PIPE IMBEDDED 3" TO PROTECT TRANSFORMER FROM VEHICLES.

KVA	DIMENSIONS (Inches)					REINFORCEMENT	
	A	B	C	D	E	RODS	CENTERS
150	15	110	110	8	42	3/4	12
300	15	110	110	8	42	3/4	12
500	21	110	110	8	42	3/4	12
750	27	110	110	8	42	3/4	12
1000	33	110	120	8	48	3/4	9
1500	39	120	120	8	48	3/4	9
2000	39	120	120	8	48	3/4	9
2500	48	120	120	8	48	3/4	9

REVISIONS 8/10/07 PRIMARY PLACEMENT 8/21/07 GENERAL NOTES 5/7/06 GENERAL NOTES 3/27/04 GENERAL NOTES 3/14/04 SLAB DIMENSIONS	<b>TERREBONNE PARISH CONSOLIDATED GOVERNMENT</b>	
	THREE PHASE TRANSFORMER PAD MOUNT	
	DRAWN BY: SS	PROJECT NO.
	SCALE: N/A	SHEET: 1 of 1
DATE: 3/3/94	CAD FILE: 94-1A	
	MAP FILE: 28/42	





## Terrebonne Parish Consolidated Government Typical Installation Underground Service

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### A. **General Notes:**

- Meter socket, load conductors, conduit straps, lock nuts, bushings, connectors, and miscellaneous mounting hardware SHALL be furnished and installed by the customer's contractor.
- Meter pans SHALL be UL listed, rated for the proper amperes and configuration (200 or 320 ampere, single or three phase), and designed for underground use.
- When voltage above 120/208/240 VAC is required a disconnect switch SHALL be placed before the meter socket.
- Conduit SHALL be 2 ½" PVC schedule 80 with 36" long radius 90-degree elbow. \*
- 8' x 5/8" driven ground rod supplied by the customer's contractor. \*
- Placement of the meter pan SHALL be 3' from the front corner of the structure with accessibility to the equipment and unobstructed working space adjacent to the meter equipment. Right or Left corner will be dictated by service location (TPCG transformer or pedestal).
- Placement of a meter socket in an alleyway or areas where meter is subject to damage SHALL be prohibited.

### B. **Trench Instructions:**

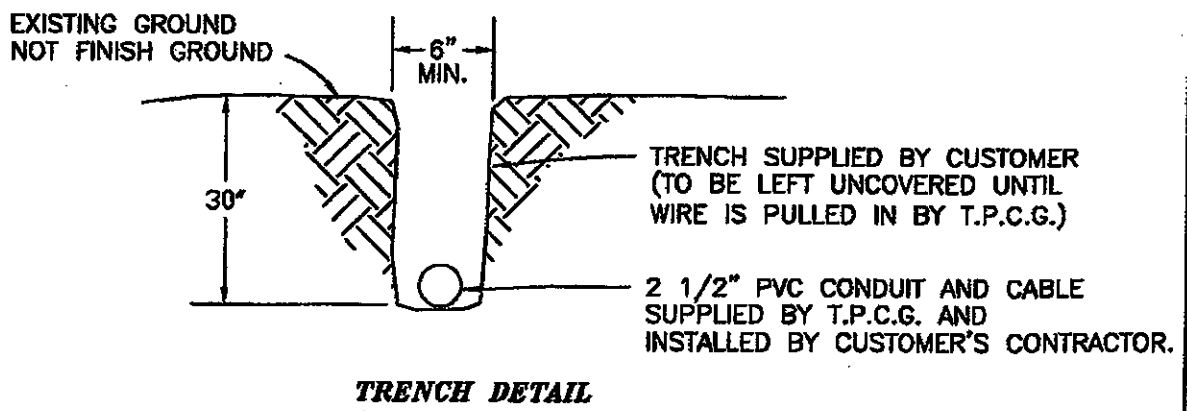
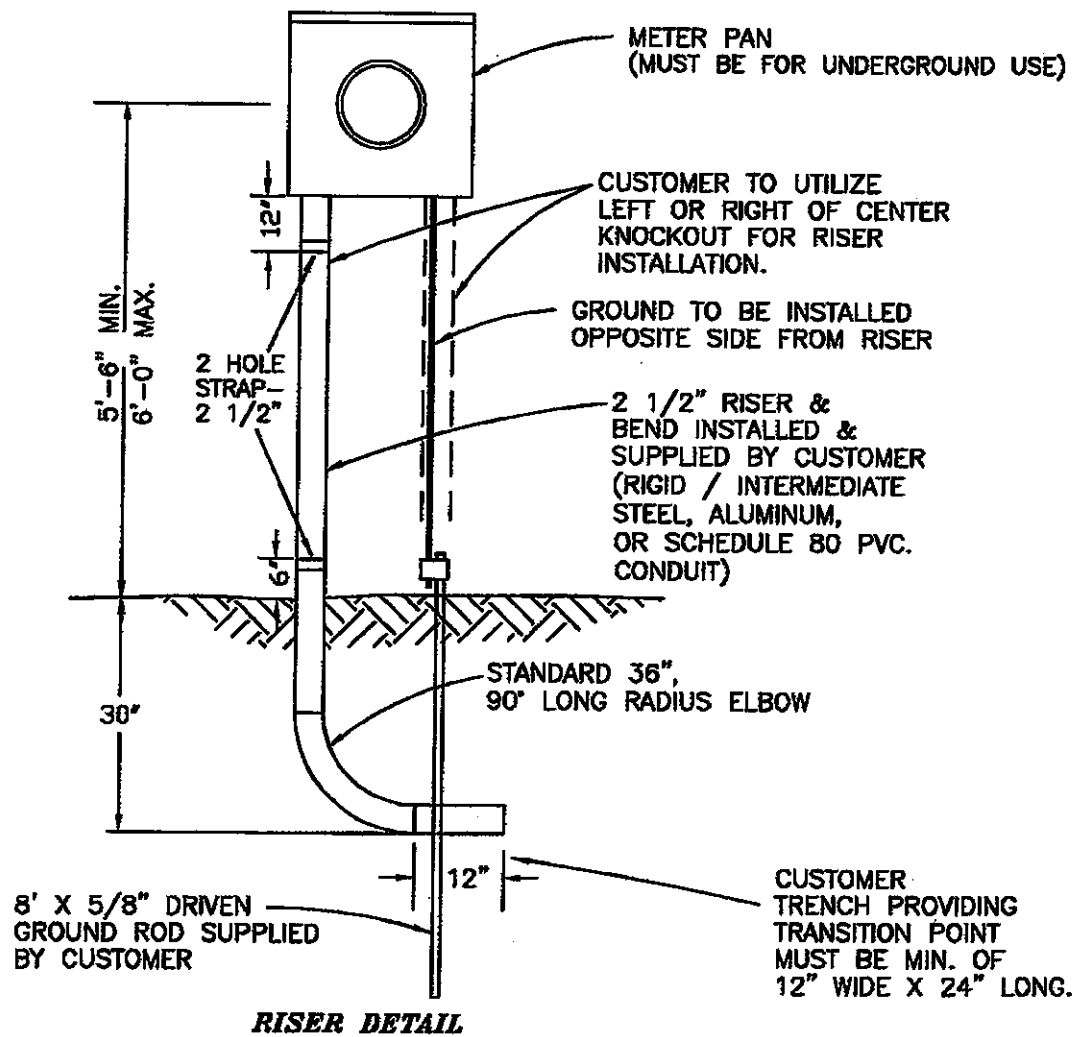
- Underground trench SHALL be a minimum of 6" wide and 30" deep. \*
- Trench must remain uncovered until TPCG pulls in service wire.
- 2 ½" PVC will be provided by TPCG and installed by the customer's contractor. Call (985) 873-6750 and request the amount of pipe needed. If the trench is ready when pipe is delivered TPCG will lay pipe and pull in wire at that time if requested.
- Customer's trench SHALL be within 24" of TPCG facilities. When a feed is coming in from a transformer, the trench shall be dug to the right of the front corner of that transformer.
- Any trench 100' SHALL have a pull string provided by customer.
- Conduit ends SHALL have the proper bushings to ensure conductor protection.

### C. **Mounting Instructions:**

- Meter socket and conduit SHALL be surface mounted without brick or other exterior veneers encasing the equipment.
- Meter sockets and conduit SHALL be fastened to building using appropriate hardware. A minimum of 4 fasteners SHALL be used to mount socket.
- Conduit SHALL be fastened 12" below meter socket and 6" above final grade minimum. Conduits straps SHALL have two mounting holes.
- Meter socket should be a minimum 5'-6" and a maximum 6'-0" above final grade. \*

**\*SEE DRAWING NEXT PAGE**





Rev : 09/08/10  
Rev : 6/19/06

TERREBONNE PARISH CONSOLIDATED GOVERNMENT  
ELECTRIC DEPARTMENT

**STANDARD UNDERGROUND**  
*Residential Service Specifications*

DRAWN BY: L.L.F.

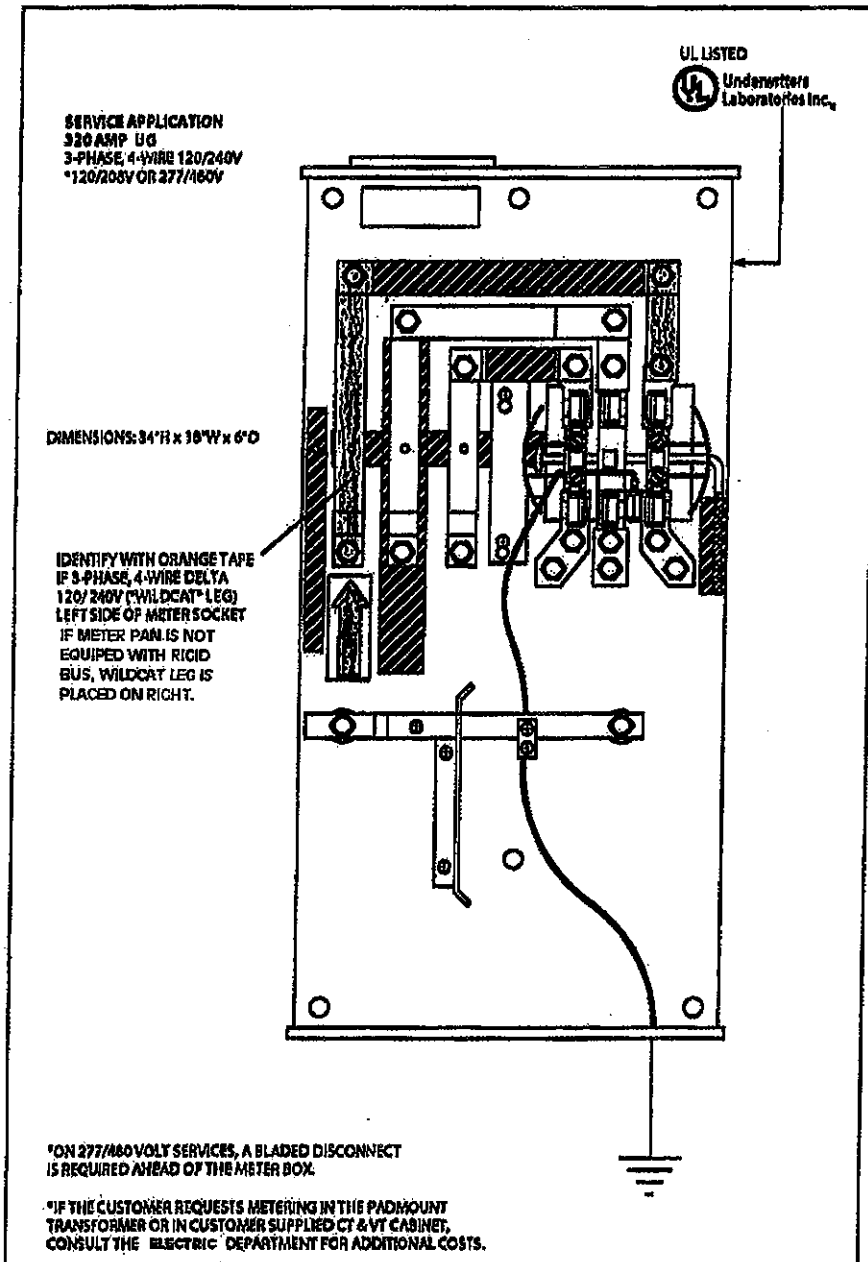
DATE: 7/19/95

CHK. BY:

SCALE: NTS

SHEET 2 of 2

### 200 & 320 Amp 3-Phase 4-Wire UG Meter Box



#### DISTRIBUTION SPECIFICATIONS

SUBJECT 200 & 320 Amp 3-Phase 4-Wire UG Meter Box

DETAIL \_\_\_\_\_

Date 10/18/10

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File F:\Division\Standards\Electrical\Standards\200-320Amp3Phase4WireUGMeterBox