

MINIMUM 6"X6"X10 FT.  
PRESSURE TREATED POST SET  
A MINIMUM 4 FEET DEEP

APPROVED, RAIN-TIGHT 200 AMP  
MOBILE HOME METER BASE/PANEL.

P.U.D. INSTALLED CONDUCTORS  
TO TOP TERMINALS METER BASE.

MINIMUM 3" CONDUIT RISER  
(SEE BACK - NOTE 3)

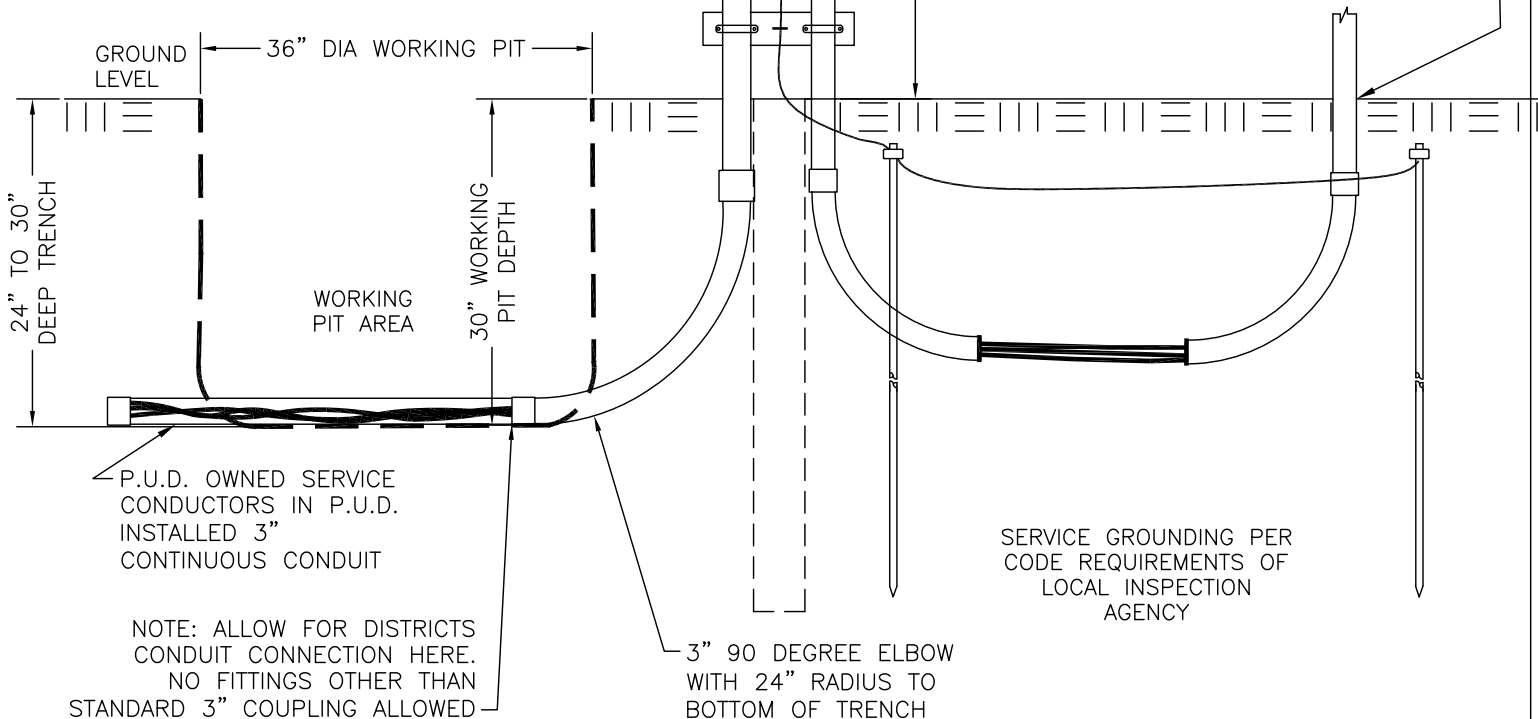
CONSULT THE DISTRICT'S  
REPRESENTATIVE AND  
LOCAL CODES REGARDING  
METER BASE LOCATION  
NOTE THE 4-6 FT.  
HEIGHT REQUIREMENT

MINIMUM 36" X 36"  
WORKING CLEARANCE  
MUST BE MAINTAINED  
IN FRONT OF METER

4' TO 6'

WORKING AREA PIT  
36" DIA. X 30" DEEP  
MUST BE PROVIDED

CUSTOMER'S SERVICE CONDUCTORS  
FROM METER BASE TO MOBILE HOME  
PANEL MUST MEET REQUIREMENTS  
OF LOCAL INSPECTION AGENCY



NOTE: ALLOW FOR DISTRICTS  
CONDUIT CONNECTION HERE.  
NO FITTINGS OTHER THAN  
STANDARD 3" COUPLING ALLOWED

3" 90 DEGREE ELBOW  
WITH 24" RADIUS TO  
BOTTOM OF TRENCH

SERVICE GROUNDING PER  
CODE REQUIREMENTS OF  
LOCAL INSPECTION  
AGENCY

MAIN BREAKER MUST REMAIN OPEN UNTIL AFTER  
P.U.D. HAS CONNECTED SERVICE AND SET METER

LINE CONSTRUCTION STANDARDS PUBLIC UTILITY DISTRICT NO. 1 GRAYS HARBOR COUNTY, WASHINGTON		TYPICAL UNDERGROUND MANUFACTURED / MOBILE HOME SERVICE	
STANDARDS COMMITTEE:	CHECKED BY: DD	APPROVED BY: SB	DRAWN BY: JCL
NO. SP 4806 P1	DATE: 10/20/14	SCALE: 1:16	NO. SP 4806 P1

SEE BACK OF SHEET FOR ADDITIONAL INFORMATION AND RESOURCES

1. METER POST:

THE CUSTOMER SHALL FURNISH AND INSTALL A SINGLE MINIMUM 6" X 6" X 10' PRESSURE TREATED TIMBER SET AT A MINIMUM 4 FOOT DEPTH.

BANDING A POST TO AN EXISTING DETERIORATED METER POST IS NOT ACCEPTABLE.

2. METER BASE / SERVICE PANEL GROUNDING:

THE METER BASE MUST BE INSTALLED AT A LOCATION ACCEPTABLE TO THE DISTRICT AND THE LOCAL INSPECTION AGENCY. FAILURE TO COMPLY IS DONE AT THE RISK OF HAVING TO RELOCATE THE INSTALLATION. CONTACT THE DISTRICT'S REPRESENTATIVE FOR ACCEPTABLE METER BASE LOCATIONS.

THE CENTER OF THE METER SHALL BE BETWEEN 4' - 6' FROM GRADE.

EQUIPMENT LOCATED OUTSIDE OR IN OTHER EXPOSED LOCATIONS SHALL BE OF RAIN-TIGHT CONSTRUCTION. SERVICE PANEL GROUNDING SHALL MEET THE CODE REQUIREMENTS OF THE LOCAL INSPECTION AGENCY.

NOTE: 400 AMP SERVICES REQUIRE A CLASS 320 METER BASE RATED AT 400 AMP MAXIMUM, 320 AMP CONTINUOUS AND RATED FOR TWO (2) 200 AMP PANELS. A MANUAL CIRCUIT CLOSING BYPASS IS REQUIRED.

3. SERVICE ENTRANCE CONDUIT:

THE CUSTOMER SHALL FURNISH AND INSTALL A MINIMUM 3" PVC SERVICE ENTRANCE RISER AT THE METER BASE FOR THE DISTRICT'S SERVICE CONDUIT CONNECTION. IF THE METER BASE HAS A 2 1/2" KNOCK OUT, USE A 3"-2 1/2" SMOOTH REDUCER AT THE METER BASE. NO FITTINGS OTHER THAN STANDARD 3" COUPLING ALLOWED.

A WORKING PIT THREE FEET IN DIAMETER AND 30" DEEP SHALL BE PROVIDED AT THE METER BASE. SERVICE WILL NOT BE INSTALLED IF THIS PIT IS NOT PROVIDED.

4. TRENCH REQUIREMENTS:

CONTACT DISTRICT ENGINEERING DEPARTMENT PRIOR TO TRENCHING FOR TRENCH ROUTE. THE SERVICE CONDUIT SHALL NOT CROSS UNDER A BUILDING OR OTHER STRUCTURE. NOTIFY THE DISTRICT'S ENGINEER OF FUTURE PLANS IF THIS MAY BECOME AN ISSUE. RELOCATION OF SERVICE CABLE IS DONE AT THE CUSTOMER'S EXPENSE. THE TRENCH SHALL BE A UNIFORM 24-30 INCHES DEEP. NOTE THE TRENCH MUST BE WIDER AT CONDUIT BEND LOCATIONS.

BACKFILL SHOULD BE FREE OF LARGE ROCKS, BROKEN CONCRETE, BUILDING PRODUCTS AND OTHER REFUSE. THE DISTRICT MAY ALLOW A JOINT USE TRENCH WITH OTHER UTILITIES PROVIDED MINIMUM SEPARATIONS BETWEEN DISTRICT CONDUIT AND OTHER UTILITIES CAN BE ACHIEVED AS FOLLOWS:

TELEPHONE, T.V. AND WATER LINES: 1 FT.  
SEWER LINES AND DRAIN FIELDS: 2 FT.  
NATURAL GAS AND PROPANE LINES: 5 FT.

THE CUSTOMER SHOULD CONTACT THOSE COMPANIES WELL IN ADVANCE. DISTRICT SERVICE CABLE WILL NOT BE ENERGIZED UNTIL BACKFILLED.

REFER TO DISTRICT STANDARD SP8106 FOR A COMPLETE LIST OF TRENCHING REQUIREMENTS.

5. ELECTRICAL PERMITS:

AN ELECTRICAL PERMIT MUST BE OBTAINED AND THE INSTALLATION INSPECTED AND APPROVED BY AN ELECTRICAL INSPECTOR PRIOR TO CONNECTION.

ELECTRICAL PERMITS IN ABERDEEN ARE OBTAINED AT CITY HALL, LOCATED AT 200 EAST MARKET ST. (533-4100, EXT. 3217).

THE REMAINDER OF THE DISTRICT'S SERVICE AREA IS COVERED BY THE DEPARTMENT OF LABOR AND INDUSTRIES, ELECTRICAL INSPECTION DIVISION. ELECTRICAL PERMITS MAY BE OBTAINED FROM ANY DEPARTMENT OF LABOR AND INDUSTRIES OFFICE. THE GRAYS HARBOR DEPT. OF L & I OFFICE IS LOCATED AT 415 WEST WISHKAH, (P.O. BOX 66) ABERDEEN, WA. 98520. (533-8200)

6. ELECTRICAL CODES:

FOR COMPLETE ELECTRICAL REQUIREMENTS, REFER TO THE CURRENT NATIONAL ELECTRICAL CODE (NEC), ARTICLE 230 FOR SERVICE & ARTICLE 250 FOR GROUNDING AND/OR STATE OF WASHINGTON RULES AND REGULATIONS FOR INSTALLING ELECTRIC EQUIPMENT (WAC) SECTION 296-46B-230 FOR SERVICE AND SECTION 296-46B-250 FOR GROUNDING, OR APPLICABLE LOCAL CITY CODE REQUIREMENTS.

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STANDARDS COMMITTEE:	CHECKED BY: DD	APPROVED BY: SB	DRAWN BY: JCL
NO. SP 4806 P2	DATE: 10/20/14	SCALE: NTS	NO. SP 4806 P2