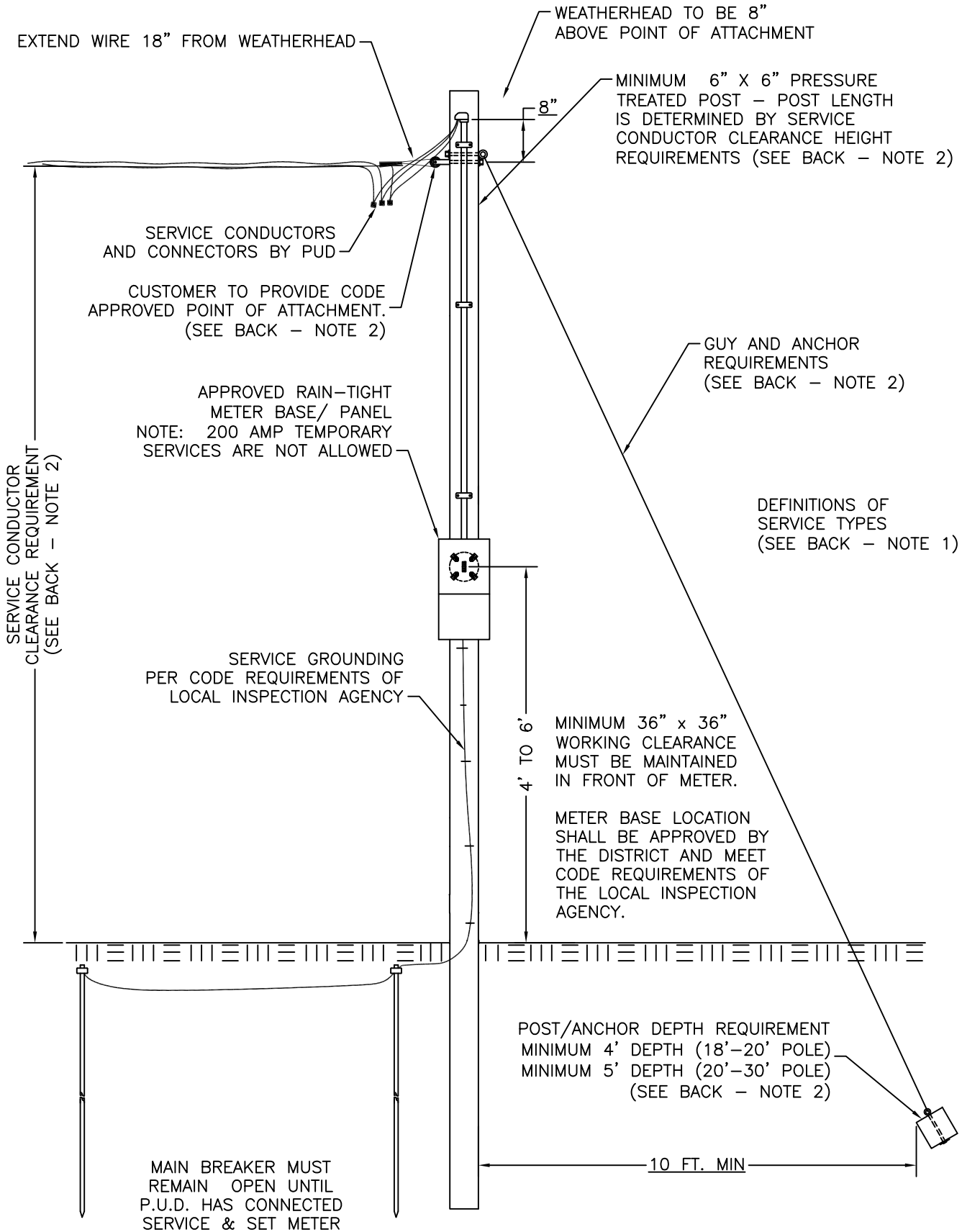


SEE BACK OF SHEET FOR ADDITIONAL INFORMATION AND RESOURCES



LINE CONSTRUCTION STANDARDS  
PUBLIC UTILITY DISTRICT NO. 1  
GRAYS HARBOR COUNTY,  
WASHINGTON

TYPICAL POST MOUNTED OVERHEAD  
TEMPORARY AND PERMANENT SERVICES

STANDARDS COMMITTEE:

CHECKED BY:

PB

APPROVED BY:

SB

DRAWN BY:

JCL

NO.

SP 4802 P1

DATE:

1/13/15

SCALE:

1:24

NO.

SP 4802 P1

SEE BACK OF SHEET FOR ADDITIONAL INFORMATION AND RESOURCES

1. DEFINITIONS OF SERVICE:

TEMPORARY SERVICE: DISTRICT POLICY DEFINES TEMPORARY SERVICE AS AN ELECTRIC SERVICE WHICH WILL BE REQUIRED FOR A PERIOD NOT TO EXCEED EIGHTEEN (18) MONTHS. THE DISTRICT RESERVES THE RIGHT TO DISCONNECT TEMPORARY SERVICES ONCE THE EIGHTEEN MONTH TIMEFRAME HAS ELAPSED. EXAMPLES OF TEMPORARY SERVICES INCLUDE CONSTRUCTION SERVICE, FIREWORK STANDS, CARNIVALS, ETC.

NOTE: 200 AMP TEMPORARY SERVICES ARE NOT ALLOWED UNLESS GRANTED PRIOR APPROVAL BY THE DISTRICT.

PERMANENT SERVICE: DISTRICT POLICY DEFINES PERMANENT SERVICE AS AN ELECTRIC SERVICE TO A FACILITY CONSTRUCTED TO AND/OR LOCATED BY APPLICABLE CODE AND ORDINANCE REQUIREMENTS WITH ASSOCIATED PERMITS ON THE CUSTOMER'S PROPERTY. ANY SERVICE SIZE UP TO 400 AMPS SINGLE PHASE AND 200 AMPS THREE PHASE IS ALLOWED. EXAMPLES OF PERMANENT SERVICES INCLUDE MANUFACTURED / MOBILE HOME SERVICES & RV'S.

2. METER POST REQUIREMENTS:

THE CUSTOMER SHALL FURNISH AND INSTALL A MINIMUM 6" X 6" PRESSURE TREATED METER POST.

THE METER POSE MUST BE LOCATED IN AN AREA ACCESSIBLE TO A DISTRICT LINE TRUCK. SERVICES THAT CANNOT BE REACHED BY A DISTRICT LINE TRUCK WILL NOT BE CONNECTED.

THE HEIGHT OF THE METER POST SHALL PROVIDE THE FOLLOWING MINIMUM CLEARANCE ALLOWING FOR CONDUCTOR SAG AT 1 FOOT PER 50 FEET OF SERVICE.

OVER NON ACCESSIBLE ROOF - 8 FEET (3' IF ROOF PITCH IS 4 IN 12 OR GREATER)

OVER ACCESSIBLE ROOF (DEFINED BY APPLICABLE CODES) - 12 FEET

ABOVE GROUND - 12 FEET

ACROSS DRIVEWAYS - 15 FEET

ACROSS ALLEYS, STREETS AND COUNTY ROADS - 18 FEET

ACROSS STATE HIGHWAYS - 24 FEET

ADD 4'-5' OF POST LENGTH FOR SETTING DEPTH AND APPROXIMATELY 1' FOR POST TOP. AN 18' TO 20' METER POST AND ANCHOR SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4 FEET. A 20' TO 30' METER POST AND ANCHOR SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5 FEET.

IF THE METER POST IS MORE THAN 75 FEET FROM NEAREST P.U.D. POLE AN ANCHOR AND GUY IS REQUIRED. GUYS SHOULD BE 1/8" GALVANIZED STEEL WIRE OR BETTER. ANCHOR MAY BE CONCRETE BLOCK OR A 6" X 6" X 2 FT. CEDAR OR TREATED TIMBER. ANCHOR DEPTH SHALL EQUAL METER POST DEPTH. SEE REQUIRED SETTING DEPTHS BASED ON CLEARANCE REQUIREMENTS ABOVE. IF THE METER POST IS LESS THAN 75 FEET FROM NEAREST P.U.D. POLE AND IS IN SOLID GROUND, THE ANCHOR AND GUY MAY BE OMITTED HOWEVER, IF THE METER POST IS MORE THAN 150 FEET FROM THE NEAREST P.U.D. POLE, AN INTERMEDIATE POLE IS REQUIRED. CONTACT THE DISTRICT'S SERVICE ENGINEER. BANDING A POST TO AN EXISTING DETERIORATED METER POST IS NOT ACCEPTABLE.

4. METER BASE / SERVICE ENTRANCE CONDUCTOR & PANEL GROUNDING:

THE METER BASE MUST BE INSTALLED AT A LOCATION ACCEPTABLE TO THE DISTRICT AND LOCAL INSPECTION AGENCY. THE CENTER OF THE METER SHALL BE BETWEEN 4' AND 6' ABOVE GRADE. THE MAST HEIGHT WILL BE DETERMINED BY THE P.U.D. SERVICE CLEARANCE REQUIRED OVER ROADS AND ROOFS AS OUTLINED IN NOTE #2 ABOVE.

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.

SERVICE ENTRANCE CONDUCTORS & SERVICE PANEL GROUNDING SHALL MEET THE REQUIREMENTS OF THE LOCAL CODE INSPECTION AGENCY. ABERDEEN, HOQUIAM AND OCEAN SHORES PROHIBIT ALUMINUM CONDUCTORS.

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.

LINE CONSTRUCTION STANDARDS PUBLIC UTILITY DISTRICT NO. 1 GRAYS HARBOR COUNTY, WASHINGTON		TYPICAL POST MOUNTED OVERHEAD TEMPORARY AND PERMANENT SERVICES	
STANDARDS COMMITTEE:	CHECKED BY: PB	APPROVED BY: SB	DRAWN BY: JCL
NO. SP 4802 P2	DATE: 1/13/15	SCALE: NTS	NO. SP 4802 P2