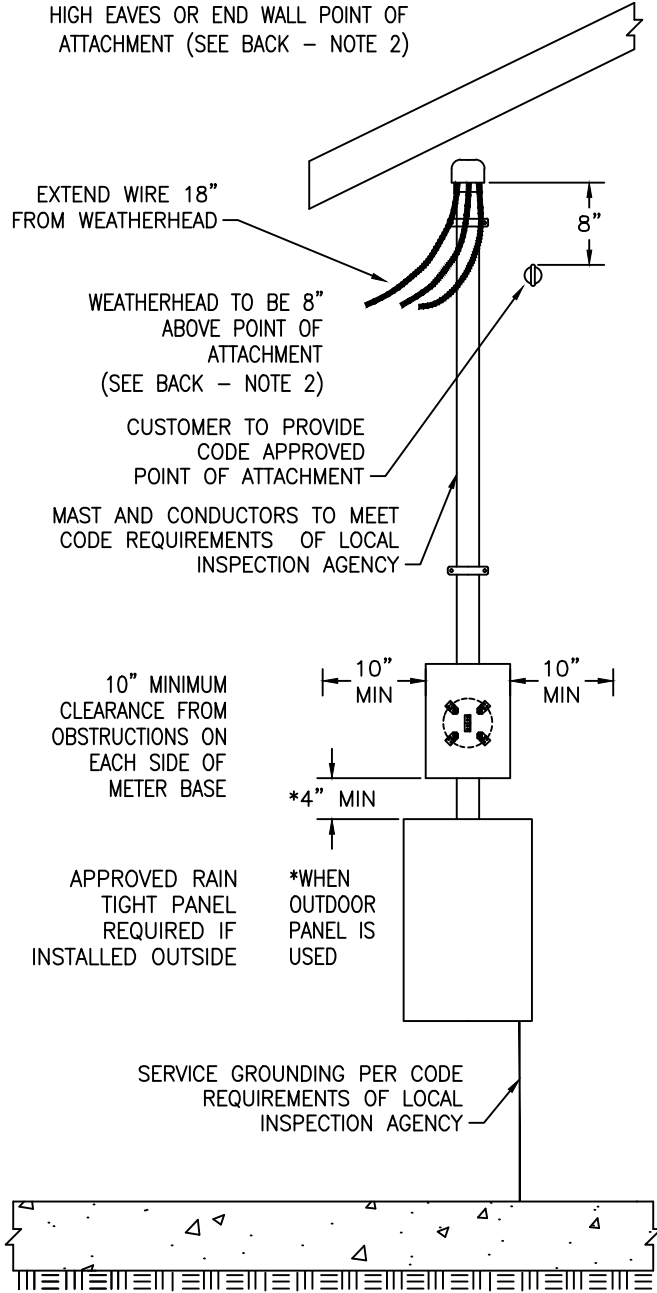
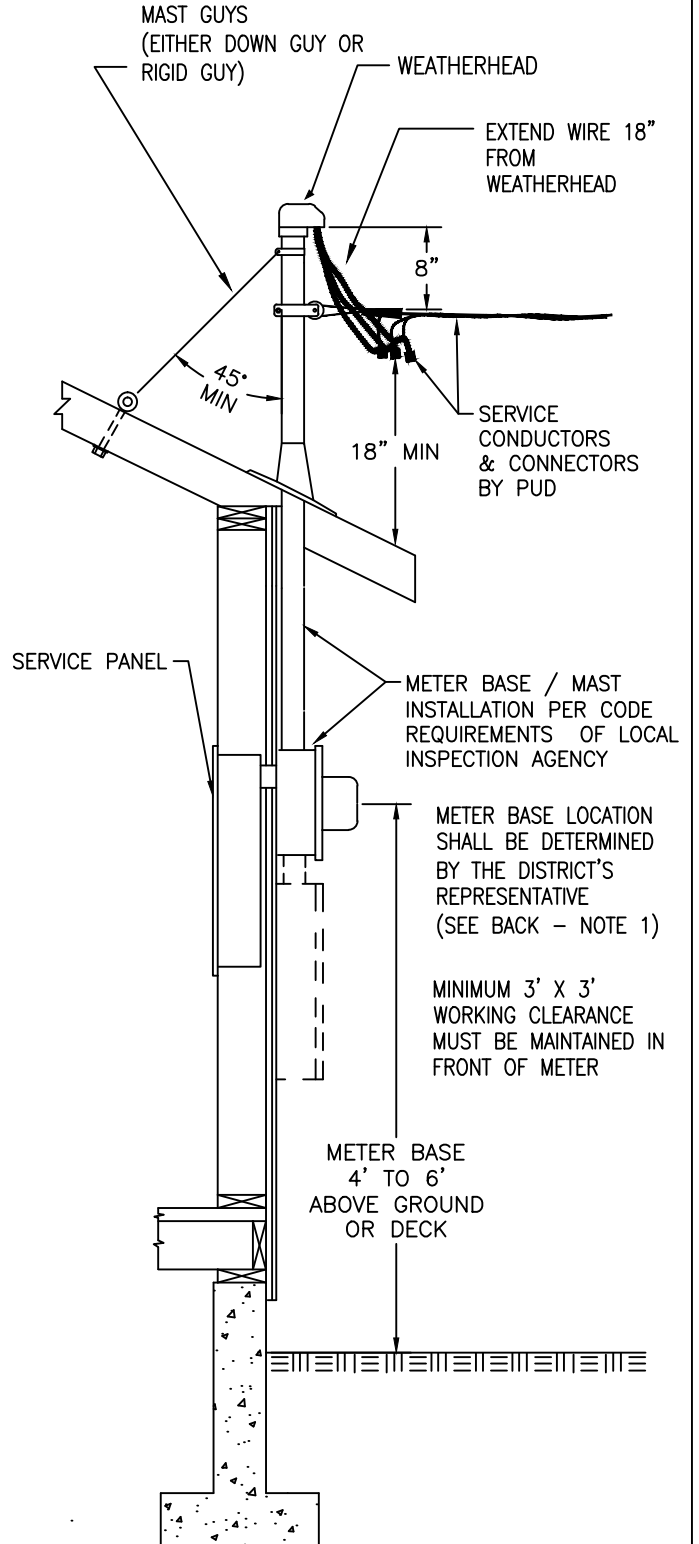


SEE BACK OF SHEET FOR ADDITIONAL INFORMATION AND RESOURCES



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 OVERHEAD RESIDENTIAL
SERVICE

STANDARDS COMMITTEE:	CHECKED BY: PB	APPROVED BY: SB	DRAWN BY: JCL
NO. SP 4800 P1	DATE: 4/18/2014	SCALE: 1:16	NO. SP 4800 P1

SEE BACK OF SHEET FOR ADDITIONAL INFORMATION AND RESOURCES

1. METER AND PANEL:

SERVICE EQUIPMENT, METER BASE AND WEATHERHEAD MUST BE INSTALLED AT A LOCATION ACCEPTABLE TO THE DISTRICT. FAILURE TO COMPLY IS DONE AT THE RISK OF HAVING TO RELOCATE THE INSTALLATION AT THE OWNER'S EXPENSE. THE METER BASE SHALL NOT BE LOCATED INSIDE THE HOUSE, A CLOSED PORCH, GARAGE OR ANY AREA THAT MAY BE ENCLOSED OR MADE INACCESSIBLE.

CONTACT THE DISTRICT'S REPRESENTATIVE FOR ACCEPTABLE METER BASE LOCATIONS.

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 PANEL INSTALLATIONS SHALL MEET THE CODE REQUIREMENTS OF THE LOCAL INSPECTION AGENCY. EQUIPMENT ON OUTSIDE WALLS, IN OPEN CARPORTS OR OTHER EXPOSED LOCATIONS SHALL BE OF RAIN-TIGHT CONSTRUCTION. ONE MAIN BREAKER IS REQUIRED.

2. WEATHERHEAD AND SERVICE CONDUCTORS:

WEATHERHEAD MUST BE 8" ABOVE AND WITHIN 18" OF THE POINT OF ATTACHMENT. THE SERVICE CONNECTION DRIP LOOP AT WEATHERHEAD MUST ALSO CLEAR THE ROOF BY A MINIMUM OF 18" ONCE INSTALLED.

NOT ALL END WALL ATTACHMENT POINTS ARE ACCEPTABLE.

CONTACT THE DISTRICT'S SERVICE ENGINEER FOR PRE-APPROVAL OF BELOW ROOF MAST INSTALLATIONS.

THE SERVICE CONDUCTOR SHALL BE AT LEAST 12 FEET ABOVE THE GROUND OR OTHER WALKING SURFACE (PLATFORM, DECKS, & ACCESSIBLE ROOFS, ETC.), 15 FEET OVER DRIVEWAYS, 18 FEET OVER STREETS, ALLEYS AND COUNTY ROADS AND 24 FEET OVER STATE HIGHWAYS. ALLOW FOR CONDUCTOR SAG. IF ROOF IS ACCESSIBLE AS DEFINED BY APPLICABLE CODES, CLEARANCE MUST BE AT LEAST 12 FEET ABOVE ROOF.

A MINIMUM 36" CLEARANCE IS REQUIRED FROM SERVICE CONDUCTORS TO DOOR AND WINDOW OPENINGS.

SERVICE CONDUCTORS MUST CLEAR ROOF BY AT LEAST 3 FT., EXCEPT WITHIN 4 FT OF MAST. IF THE ROOF IS LESS THAN A 4" IN 12" PITCH, CLEARANCE MUST BE AT LEAST 8 FEET ABOVE THE ROOF WITH ALLOWANCE FOR CONDUCTOR SAG. IIF ROOF IS ACCESSIBLE AS DEFINED BY APPLICABLE CODES, CLEARANCE MUST BE AT LEAST 12 FEET ABOVE ROOF.

ABERDEEN, HOQUIAM AND OCEAN SHORES PROHIBIT ALUMINUM CONDUCTORS.

AN INTERMEDIATE POLE IS REQUIRED IF THE SERVICE CONDUCTOR WILL EXCEED 150 FT. IN LENGTH. CONTACT THE DISTRICT'S SERVICE ENGINEER TO DISCUSS THE INSTALLATION OF AN INTERMEDIATE POLE. A GUY (DOWN GUY OR RIGID GUY) IS REQUIRED FOR AN ABOVE THE ROOF MAST TYPE SERVICE EXCEPT WHEN THE WEATHERHEAD WILL NOT EXCEED 26 INCHES ABOVE THE ROOF AND THE SERVICE CONDUCTOR WILL NOT EXCEED 100 FT. IN LENGTH. WHEN GUYS ARE USED, THEY MUST BE BETWEEN 60 DEGREES AND 90 DEGREES APART.

3. SERVICE PANEL GROUNDING:

SERVICE PANEL GROUNDING SHALL MEET THE CODE REQUIREMENTS OF THE LOCAL INSPECTION AGENCY.

4. 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)

5. 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 OVERHEAD RESIDENTIAL SERVICE	
STANDARDS COMMITTEE:	CHECKED BY: PB	APPROVED BY: SB	DRAWN BY: JCL
NO. SP 4800 P2	DATE: 4/18/2014	SCALE: NTS	NO. SP 4800 P2