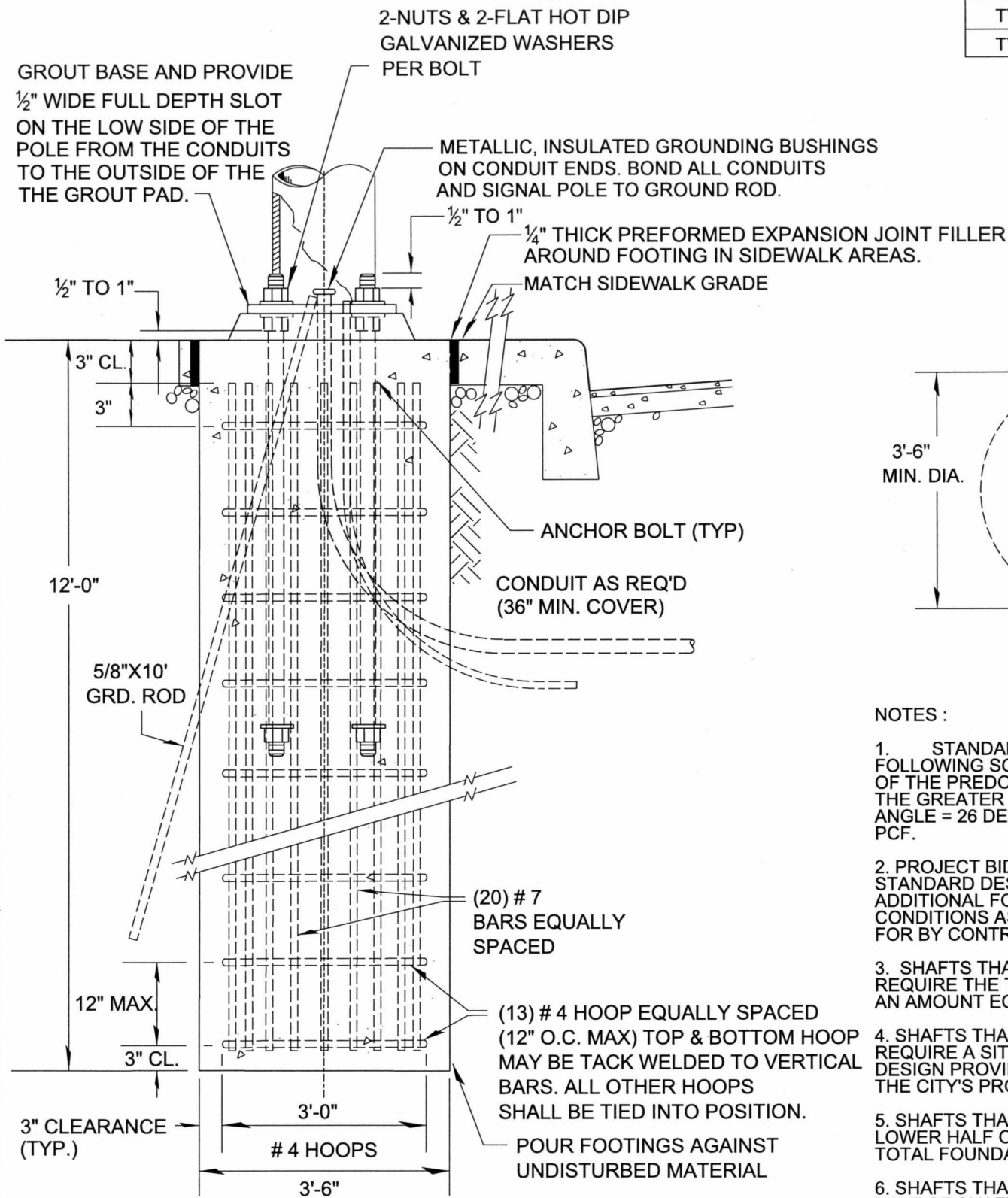
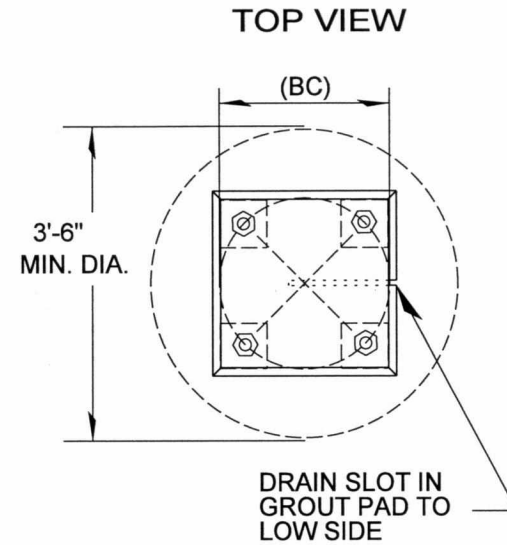


POLE TYPE	BASE PLATE TYPE	(BC)
TYPE 2	201 A	20.0"
TYPE 3	201 B	22.5"

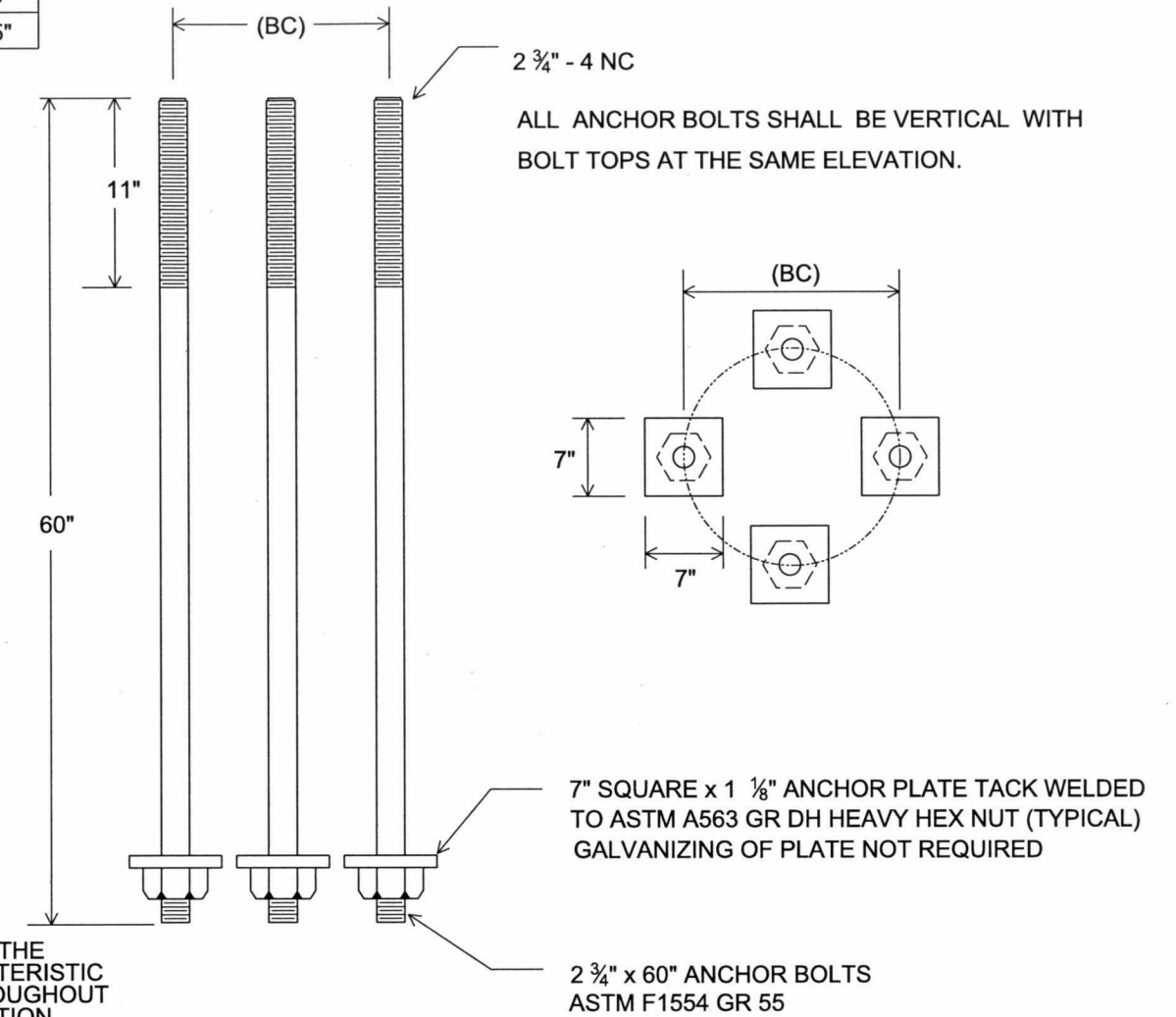


**STEEL SIGNAL POLE
FOOTING DETAILS - TYPE 2 & 3**



NOTES :

- STANDARD FOUNDATION DESIGN IS BASED ON THE FOLLOWING SOIL PARAMETERS, WHICH ARE CHARACTERISTIC OF THE PREDOMINANTLY SILTY SOILS LOCATED THROUGHOUT THE GREATER PORTLAND AREA: SOIL INTERNAL FRICTION ANGLE = 26 DEGREES, SOIL EFFECTIVE UNIT WEIGHT = 110 PCF.
- PROJECT BIDS FOR FOUNDATIONS SHALL BE BASED ON STANDARD DESIGN DEPTH AS SHOWN ON THIS DRAWING. ADDITIONAL FOUNDATION DEPTH, IF REQUIRED FOR CONDITIONS AS OUTLINED BELOW IN NOTES 3-6, WILL BE PAID FOR BY CONTRACT CHANGE ORDER.
- SHAFTS THAT ENCOUNTER UP TO 3 FEET OF FILL SOIL REQUIRE THE TOTAL FOUNDATION DEPTH BE INCREASED BY AN AMOUNT EQUAL TO THE THICKNESS OF THE FILL.
- SHAFTS THAT ENCOUNTER MORE THAN 3 FEET OF FILL SOIL REQUIRE A SITE OBSERVATION AND SPECIAL FOUNDATION DESIGN PROVIDED BY THE CITY. CONTRACTOR TO CONTACT THE CITY'S PROJECT ENGINEER TO COORDINATE.
- SHAFTS THAT ENCOUNTER GROUNDWATER LEVEL IN LOWER HALF OF SHAFT REQUIRE A 2-FOOT INCREASE IN TOTAL FOUNDATION DEPTH.
- SHAFTS THAT ENCOUNTER GROUNDWATER LEVEL IN UPPER HALF OF SHAFT REQUIRE A TOTAL FOUNDATION DEPTH OF 1.5 TIMES THE STANDARD DEPTH.



NOTE : HOT DIP GALVANIZED NUTS & ANCHOR ASSEMBLY.

ANCHOR BOLTS - TYPE 2 & 3

NOT TO SCALE

<p>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.</p>	<p>BUREAU OF TRANSPORTATION CITY OF PORTLAND, OREGON</p> <p><i>Steve Tom</i> Chief Engineer</p>	
	<p>Standard Drawing Title</p> <p>SIGNAL POLE FOOTING & ANCHOR BOLTS TYPE 2 & 3</p>	
<p>Note: All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.</p>	<p>Effective Date: 10-10-2013</p>	<p>Standard Drawing No.</p> <p>P-607</p>
	<p>Calc. Book No.:</p>	
	<p>Baseline Report Date:</p>	