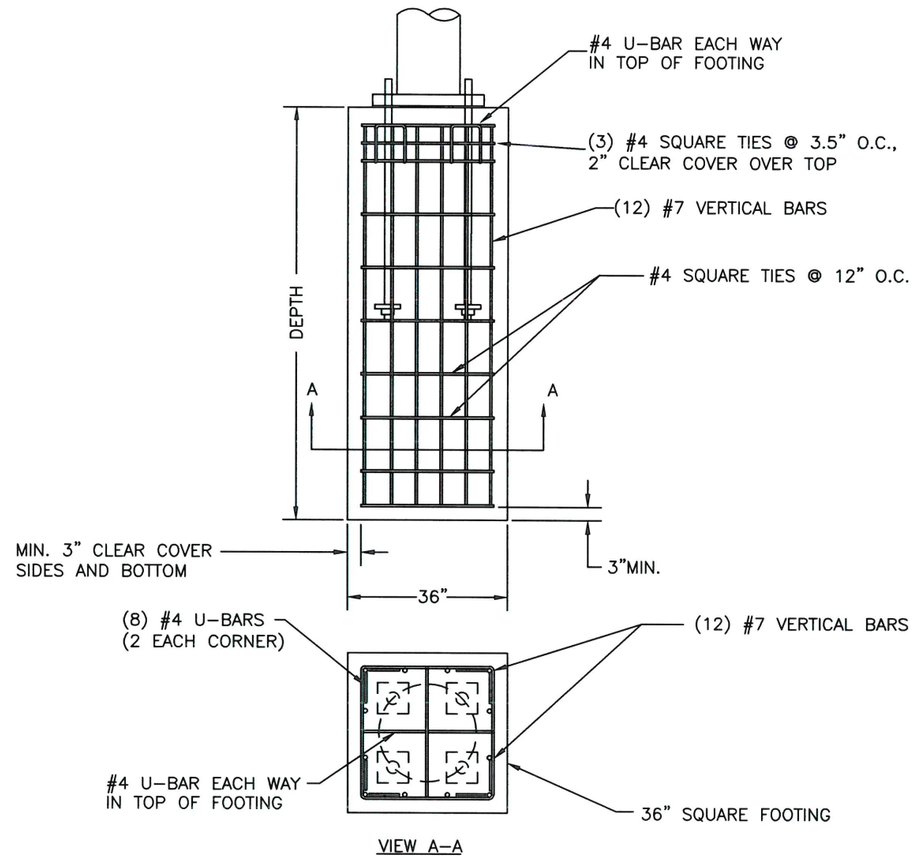
FOUNDATION SIZING GUIDE

POLE DESIGNATION	DEPTH (FT)
CCSM1	7.5
CCSM2	8.0
CCSM3	9.5
CCSM4	10.5
CCSM5	11.5
CCSM1L	8.0
CCSM2L	9.0
CCSM3L	11.0
CCSM4L	11.5
CCSM5L	12.5



VIEW A-A

NOTES:

1. VERTICAL STEEL BARS SHOULD BE EQUALLY SPACED AROUND THE PERIMETER OF THE FOOTING ALLOWING FOR A MINIMUM OF 3" OF CONCRETE COVER OVER THE TIES.
2. VERTICAL STEEL SHALL BE ASTM A615 GR 60 (REBAR).
3. MINIMUM CONCRETE STRENGTH, F'C = 3,000 PSI
4. CONCRETE SHALL BE POURED AGAINST UNDISTURBED SOIL. IF THE TOP LAYER OF THE SOIL IS DISTURBED IT SHALL BE DISCOUNTED AND THE FOOTING DEPTH SHALL BE INCREASED ACCORDINGLY.
5. THE TOP 4" SHALL BE PLACED (USING CONCRETE OR A NON-SHRINKING GROUT) AFTER INSTALLING THE POLE AND APPURTENANCES.
6. IN AREAS WITH SHALLOW BEDROCK, WHERE THE RECOMMENDED DEPTH OF FOUNDATION CANNOT BE ACHIEVED, CONSULT WITH THE CITY FOR SECUREMENT OPTIONS.

Standard Drawing No.
WL-TM653

Effective Date:
02/22/19

Title:
SIGNAL POLE FOUNDATION

Approved
City Engineer

City of West Linn
PUBLIC WORKS DEPARTMENT - STANDARD DRAWINGS
22500 Salamo Road, West Linn OR 97068
Phone:503-722-5500
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NOTE:
All material and workmanship shall be in accordance with the City of West Linn Standard Construction Specifications.

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 and should not be used without consulting a Registered Professional Engineer.

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