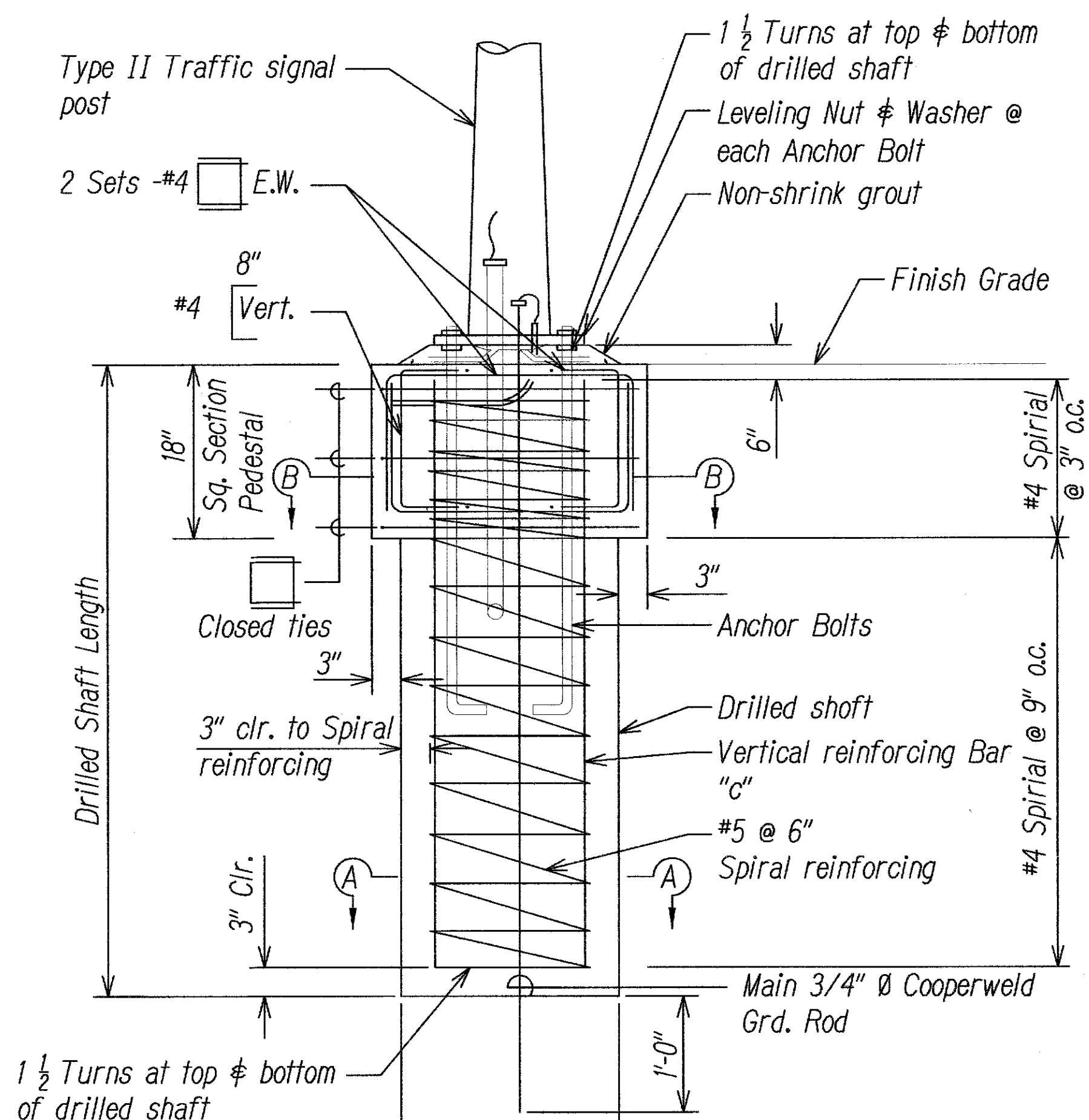
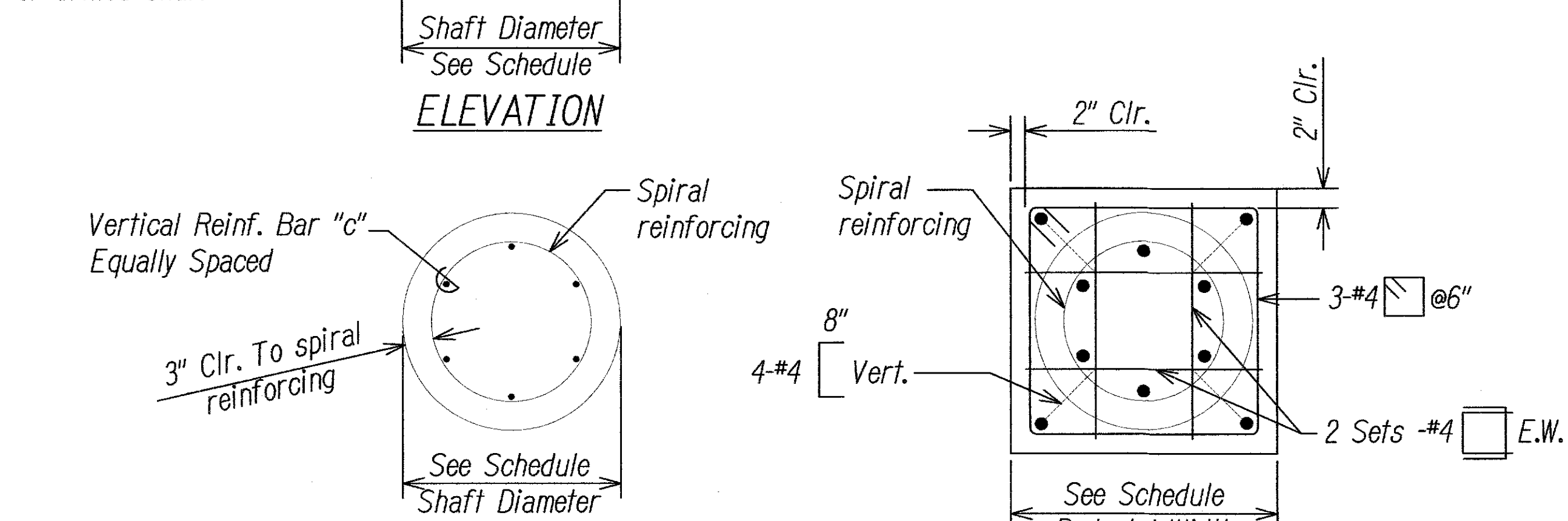




Level Group Condition - Below Ground Water Table					
Soil Type	Mast Arm Length	Shaft Diameter	Shaft Length	Pedestal Width	Bars "c"
Sand & Gravel	16' - 18'	24"	9' - 0"	30"	12 - #6
	20'	24"	10' - 0"	30"	12 - #6
	25'	30"	9' - 0"	30"	16 - #6
	30'	30"	11' - 0"	36"	16 - #6
	35'	30"	13' - 0"	36"	16 - #6
	40'	30"	15' - 0"	36"	16 - #6
	45'	30"	17' - 0"	36"	16 - #6

NOTE:

1. Traffic signalpoles manufacturer's recommendations shall be followed.
2. See schedules on this sheet for additional details.

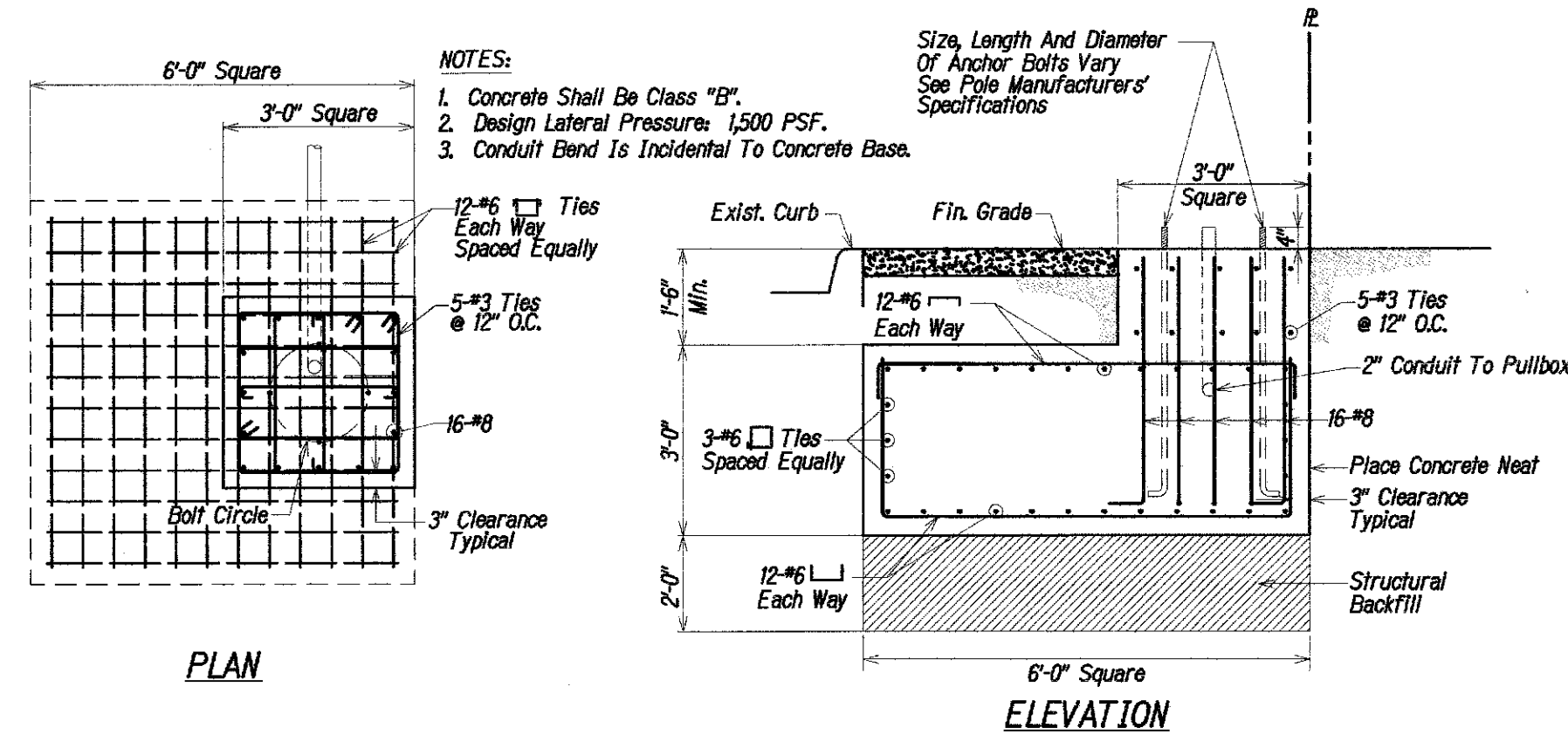


SECTION A-A

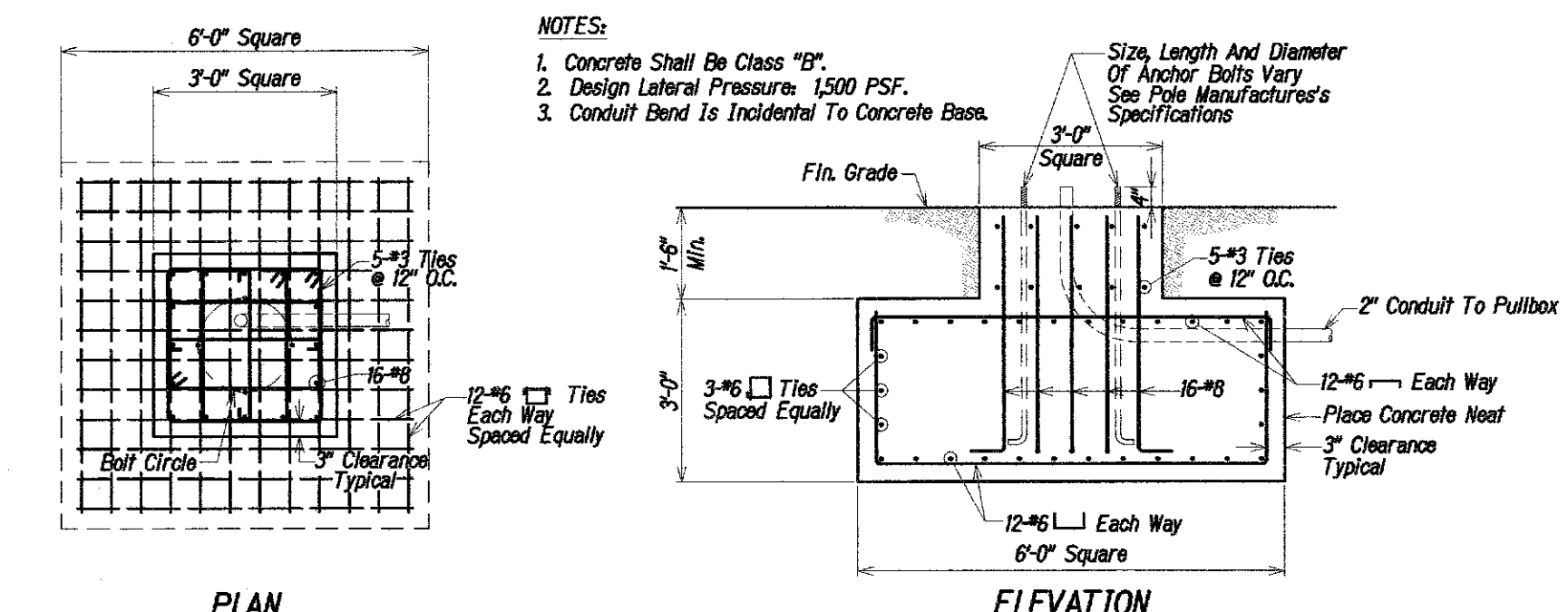
SECTION B-B

DRILLED SHAFT FOUNDATION FOR TYPE II MAST ARM STANDARD
NOT TO SCALE

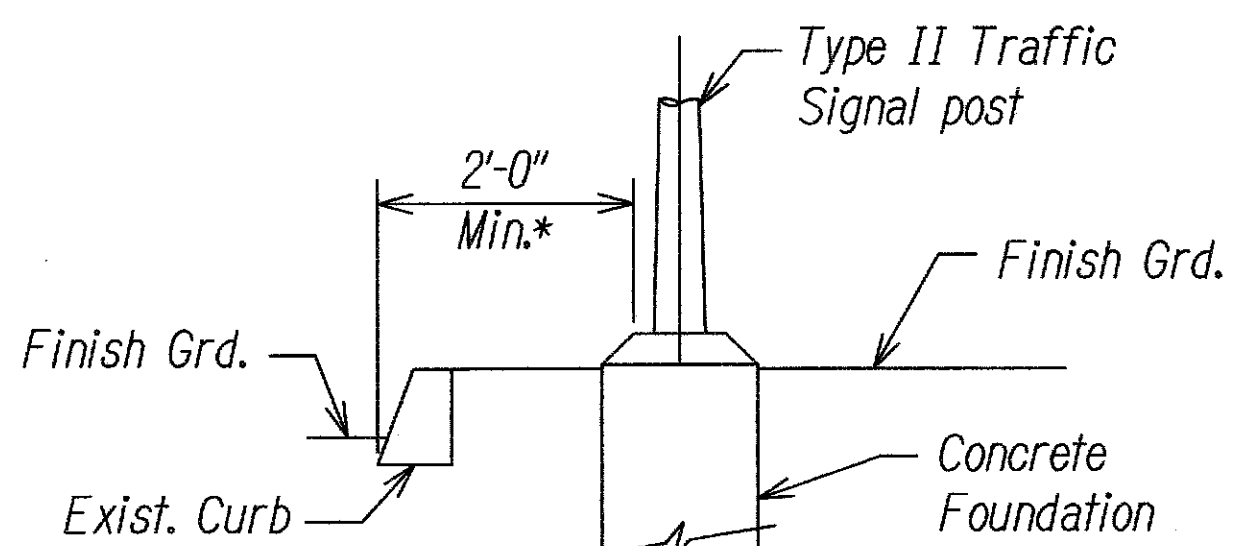
Added Details



MODIFIED FOUNDATION FOR
TYPE II (40-FOOT) TRAFFIC SIGNAL STANDARD
AT KAMEHAMEHA HIGHWAY/PALI MOMI STREET INTERSECTION
NOT TO SCALE

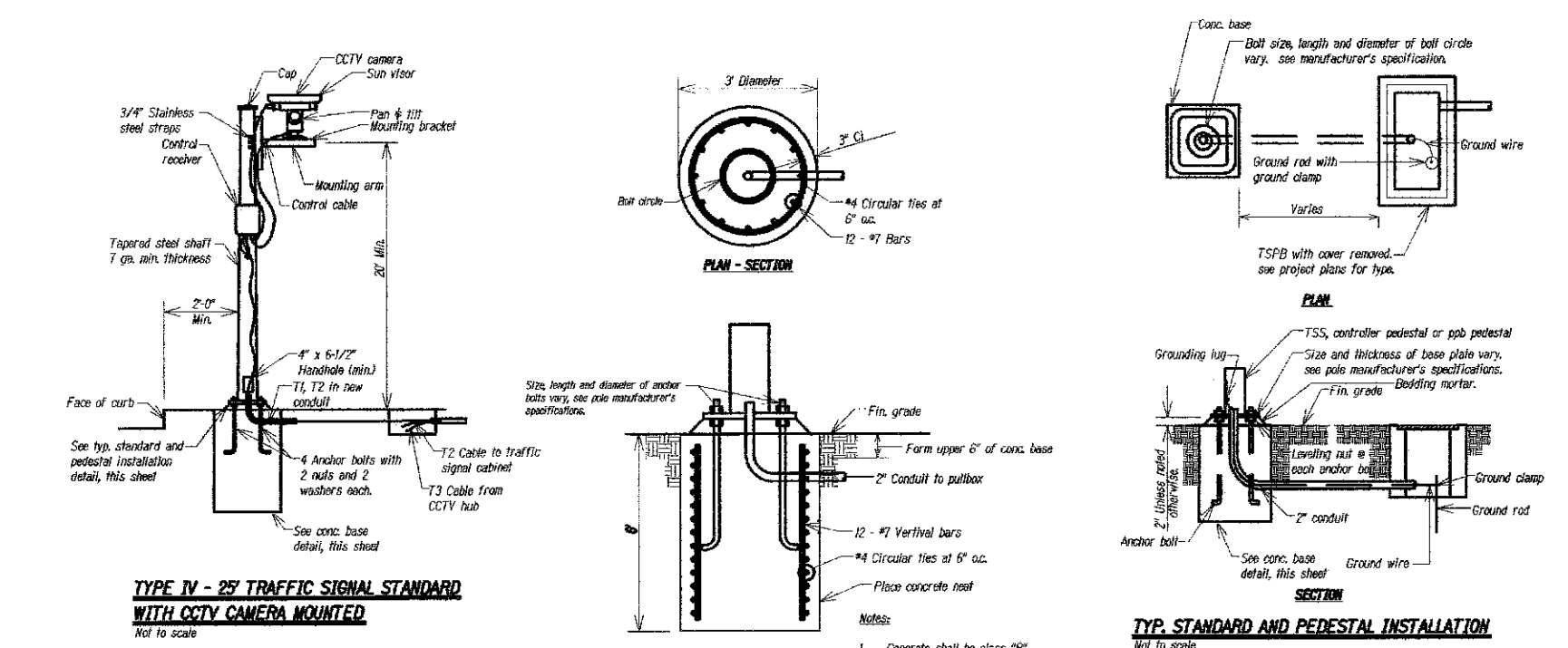


MODIFIED CONCRETE FOUNDATION FOR
TYPE II (45-FOOT) TRAFFIC SIGNAL STANDARD
NOT TO SCALE



* If 2'-0" min. can not be maintained due to conflict with other utilities, coordinate field adjustments with Engineer

HIGHWAY LIGHTING DETAIL
NOT TO SCALE



TYPE IV 25' STANDARD DETAILS
NOT TO SCALE

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

DELWIN P. K. CHING
LICENSED PROFESSIONAL ENGINEER
No. 1440-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature: [Signature] 3/29/14
4/30/16

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPE II FOUNDATION DETAILS

KAMEHAMEHA HIGHWAY
TRAFFIC OPERATIONAL IMPROVEMENTS
VICINITY OF ACACIA ROAD TO CENTER DRIVE
PROJECT NO. 99D/G-01-08

Scale: As Shown Date: April 2008

SHEET No. TS-32 OF 36 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS	