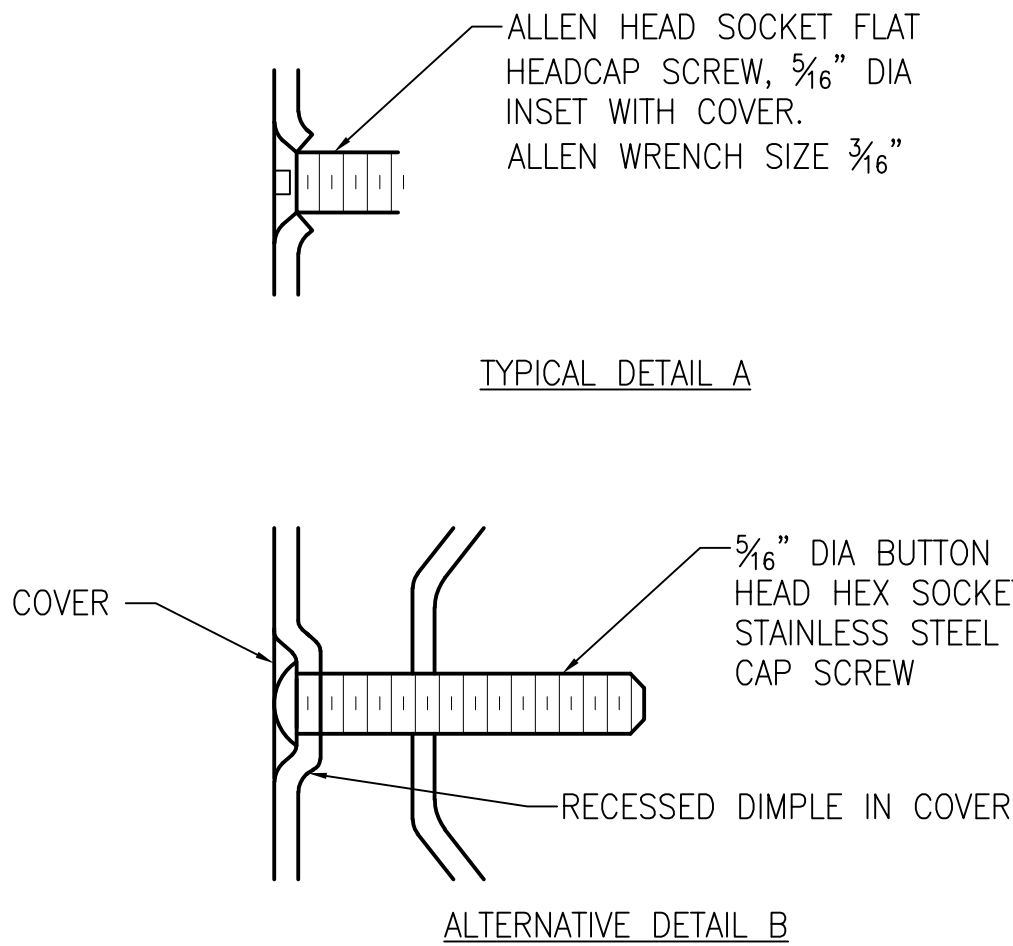


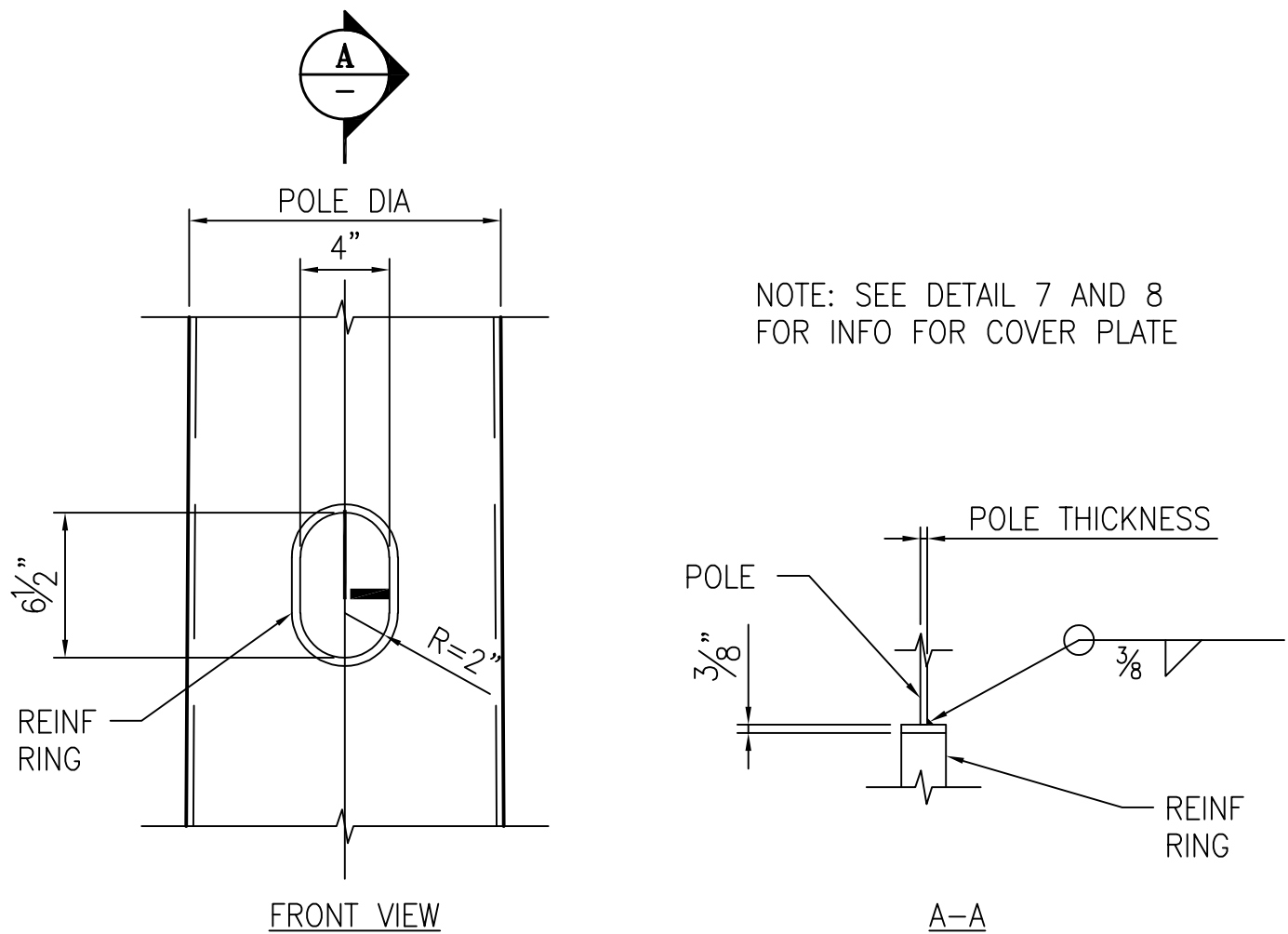
NOTES:

1. PROVIDE A HEX NUT, LEVELING NUT AND 2 WASHERS FOR EACH ANCHOR BOLT.
2. FOR ANCHOR BOLTS, THREAD TOP 1'-3" AND GALVANIZE ENTIRE BOLT LENGTH; THREAD BOTTOM 1'-0".
3. 4"x6½" ROUNDED HANDHOLE REINFORCED WITH RING WELDED TO OUTSIDE OF POLE. HANDHOLE REINFORCEMENT RING SHALL BE ⅝" x 2", ASTM A572, GR 55. PROVIDE ⅝" COVER PLATE. SEE REVISED CALTRANS STANDARD DETAILS (DATED 10/19/2018), DETAIL A/ES-7M FOR INFO NOT SHOWN.
4. HANDHOLES SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF TRAFFIC.
5. DURING POLE INSTALLATION, THE POST SHALL BE RAKED WITH THE USE OF LEVELING NUTS.
6. THE CONTRACTOR SHALL PROVIDE TEMPORARY CASINGS OR LINERS WHEN DRILLING FOR FOUNDATIONS IN THIS PROJECT UNLESS OTHERWISE NOTED BY THE GEOTECHNICAL ENGINEER OF RECORD. TEMPORARY CASING OR LINERS SHALL BE PROVIDED WHEN DRILLING IN SAND AND SILTY SAND, AND AS REQUIRED, TO STABILIZE THE DRILLED SHAFT EXCAVATION, AND TO FORM THE UPPER 2 FEET OF THE LIGHT POLE FOUNDATION. THE TEMPORARY CASING OR LINER SHALL BE REMOVED AFTER CONCRETE PLACEMENT EXCEPT THAT CORRUGATED STEEL METAL CASING IS ALLOWED TO REMAIN IN PLACE.
7. PROVIDE CONDUIT TO PULL BOX OR AS SHOWN ON PLANS.
8. ALL WELDING SHALL REQUIRE MT AND UT TESTING, SEE GENERAL NOTES FOR MORE INFO AND OTHER SPECIAL INSPECTION AND TESTING REQUIREMENTS.
9. DEPOSIT CONCRETE AS NEAR AS PRACTICABLE TO ITS FINAL POSITION IN THE PLACEMENT IN A MANNER THAT DOES NOT CAUSE SEGREGATION. USE OF ELEPHANT TRUNK OR CONCRETE PUMP HOSE MAY BE REQUIRED.



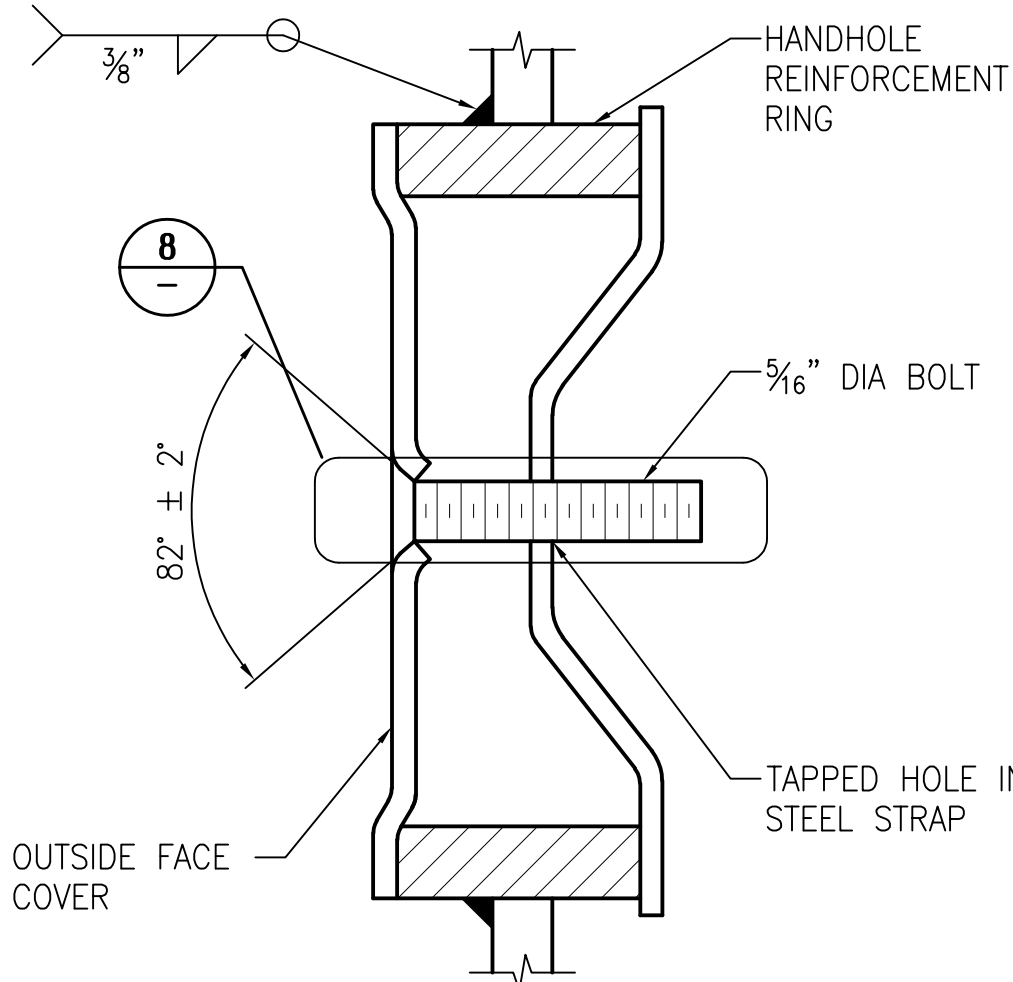
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8



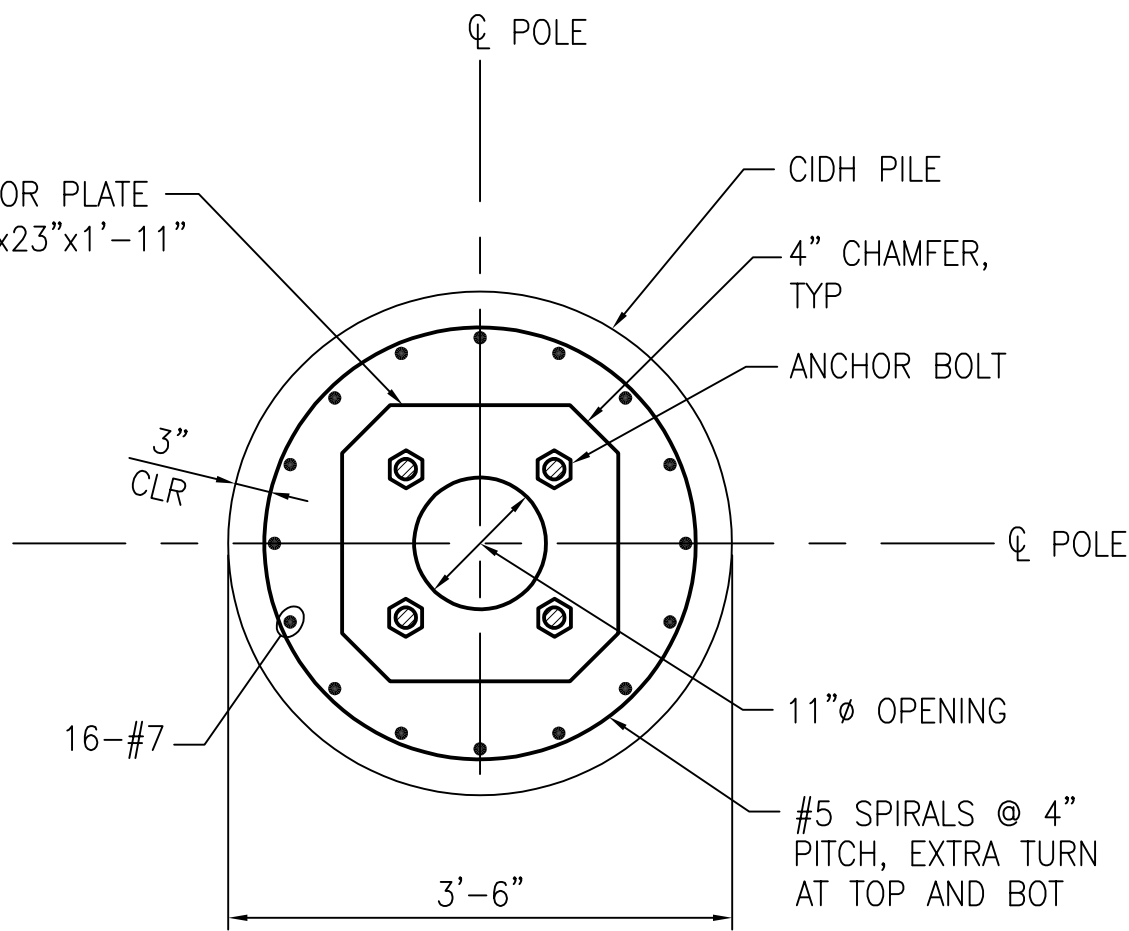
HAND HOLE DETAIL  
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5



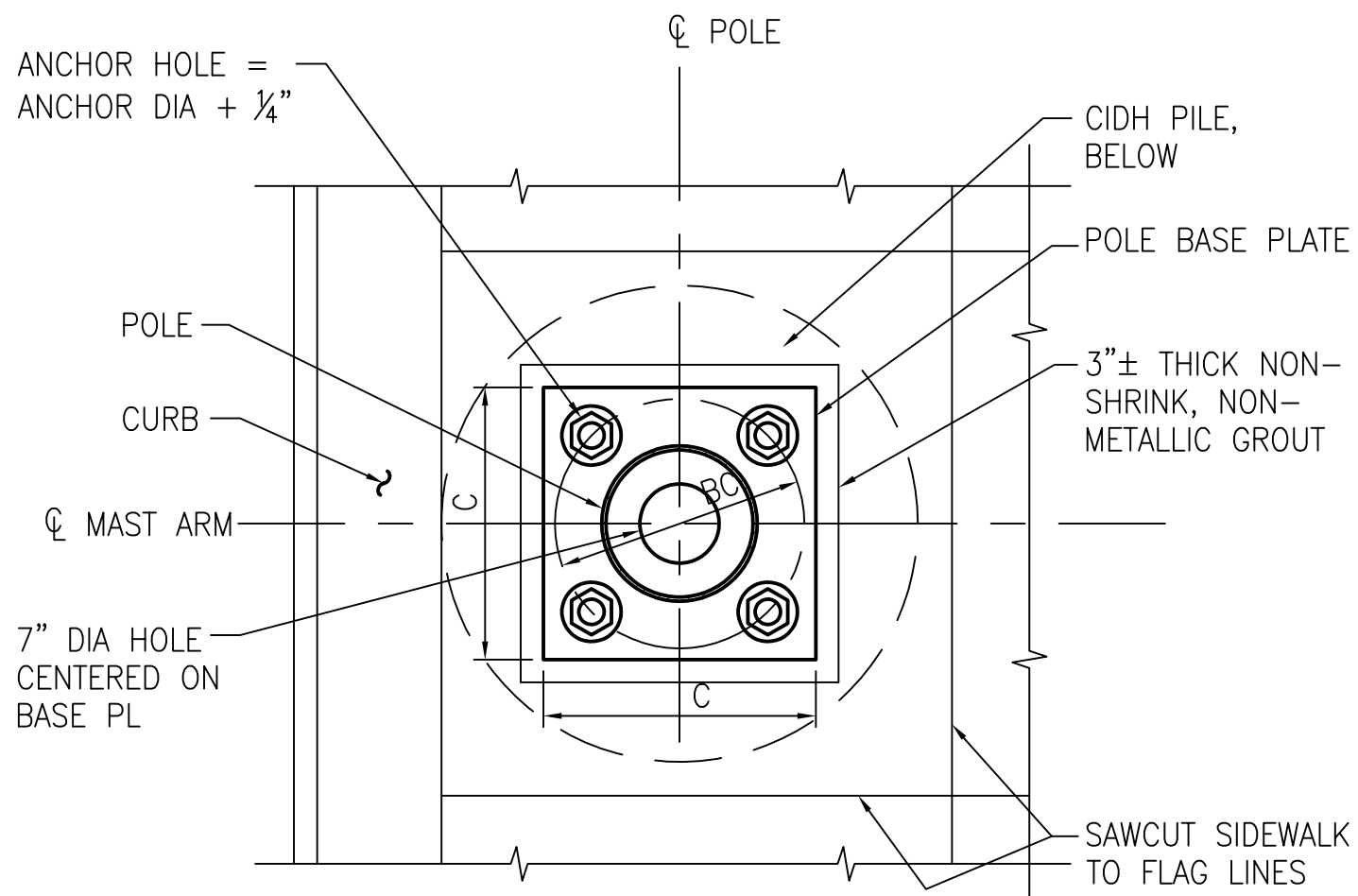
TAMPER RESISTANT HANDHOLE COVER  
SCALE: 1" = 1'

7



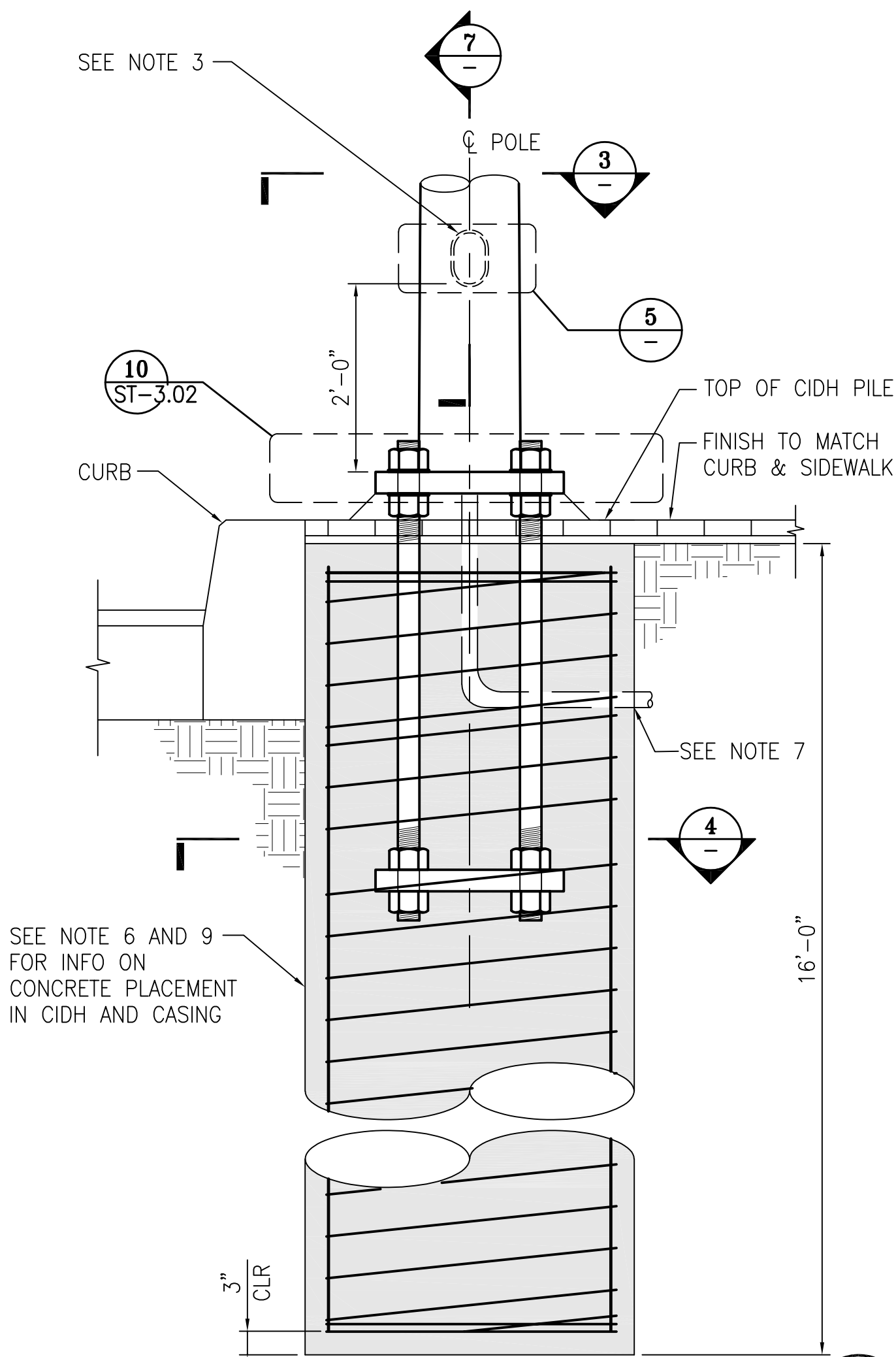
SECTION  
SCALE: 3/4"=1'-0"

4



SECTION  
SCALE: 3/4"=1'-0"

3



SECTION  
SCALE: 3/4"=1'-0"

1

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 10/26/21 11:25, BY: YVU				

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
49 SOUTH VAN NESS AVENUE, SUITE 900  
SAN FRANCISCO, CA 94103

Acting Section Mgr:	RAYMOND LUI	Date:	10/28/2021
Deputy Bureau Mgr:	FERNANDO CISNEROS	12/09/2021	
Acting Bureau Mgr:	IGBAL DHAPA	12/10/2021	

DESIGNED:	DATE:
JN	10/2021
DRAWN:	DATE:
VY	10/2021
CHECKED:	DATE:
JS	10/2021



SCALE:
AS SHOWN
SHEET OF SHEETS
173 OF 210

MISSION ST AND GENEVA AVE  
IMPROVEMENT PROJECT

TRAFFIC MAST ARM POLE SECTIONS

SOURCING ID NO.	0000005626
DRAWING NO.	ST-3.03
FILE NO.	120,739
REV. NO.	0