## ₽ POLE ANCHOR HOLE = -ANCHOR DIA + 1/4" NOTES: - CIDH PILE, BELOW 1. PROVIDE A HEX NUT, LEVELING NUT AND 2 WASHERS FOR EACH ANCHOR BOLT. POLE BASE PLATE 2. FOR ANCHOR BOLTS, THREAD TOP 1'-3" AND GALVANIZE ENTIRE BOLT POLE — LENGTH; THREAD BOTTOM 1'-0". -3"± THICK NON-SHRINK, NON-CURB — 3. 4"x61/2" ROUNDED HANDHOLE REINFORCED WITH RING WELDED TO OUTSIDE METALLIC GROUT OF POLE. HANDHOLE REINFORCEMENT RING SHALL BE $\frac{3}{8}$ " x 2", ASTM A572, GR 55. PROVIDE 1/8" COVER PLATE. SEE REVISED CALTRANS Ç MAST ARM─ STANDARD DETAILS (DATED 10/19/2018), DETAIL A/ES-7M FOR INFO NOT SHOWN. 7" DIA HOLE 4. HANDHOLES SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF TRAFFIC. CENTERED ON BASE PL 5. DURING POLE INSTALLATION, THE POST SHALL BE RAKED WITH THE USE OF LEVELING NUTS. -SAWCUT SIDEWALK 6. THE CONTRACTOR SHALL PROVIDE TEMPORARY CASINGS OR LINERS WHEN TO FLAG LINES DRILLING FOR FOUNDATIONS IN THIS PROJECT UNLESS OTHERWISE NOTED BY THE GEOTECHNICAL ENGINEER OF RECORD. TEMPORARY CASING OR SECTION LINERS SHALL BE PROVIDED WHEN DRILLING IN SAND AND SILTY SAND, SCALE: 3/4"=1'-0"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 -ALLEN HEAD SOCKET FLAT TO REMAIN IN PLACE. SEE NOTE 3 — HEADCAP SCREW, 5/16" DIA INSET WITH COVER. 7. PROVIDE CONDUIT TO PULL BOX OR AS SHOWN ON PLANS. ALLEN WRENCH SIZE 3/6" POLE DIA Ç POLE 8. ALL WELDING SHALL REQUIRE MT AND UT TESTING, SEE GENERAL NOTES FOR MORE INFO AND OTHER SPECIAL INSPECTION AND TESTING NOTE: SEE DETAIL 7 AND 8 REQUIREMENTS. FOR INFO FOR COVER PLATE 9. DEPOSIT CONCRETE AS NEAR AS PRACTICABLE TO ITS FINAL POSITION IN TYPICAL DETAIL A THE PLACEMENT IN A MANNER THAT DOES NOT CAUSE SEGREGATION. USE OF ELEPHANT TRUNK OR CONCRETE PUMP HOSE MAY BE REQUIRED. POLE THICKNESS 10 ST-3.02 -5/6" DIA BUTTON TOP OF CIDH PILE POLE — HEAD HEX SOCKET STAINLESS STEEL FINISH TO MATCH CAP SCREW CURB & SIDEWALK. CURB — REINF -RING -RECESSED DIMPLE IN COVER RING ALTERNATIVE DETAIL B FRONT VIEW SECTION SCALE: N.T.S. HAND HOLE DETAIL SCALE: 1 1/2"=1'-0" SEE NOTE 7 -HANDHOLE REINFORCEMENT 4 Q POLE — CIDH PILE SEE NOTE 6 AND 9 — ANCHOR PLATE -8 -FOR INFO ON 1 ¾"x23"x1'-11" -4" CHAMFER, CONCRETE PLACEMENT IN CIDH AND CASING -5/16" DIA BOLT — ANCHOR BOLT —— € POLE - 11"ø OPENING 3" CLR 16-#7\_ —TAPPED HOLE IN STEEL STRAP - #5 SPIRALS @ 4" PITCH, EXTRA TURN AT TOP AND BOT OUTSIDE FACE -SECTION COVER 3'-6" SCALE: 3/4"=1'-0"SECTION TAMPER RESISTANT HANDHOLE COVER SCALE: 3/4"=1'-0" SCALE: 1" = 1"REFERENCE INFORMATION & FILE NO. OF SURVEYS SOURCING ID NO. MISSION ST AND GENEVA AVE 0000005626 BUREAU OF ENGINEERING Acting Section Mgr: RAYMOND LUI 10/28/2021 RAWING NO. IMPROVEMENT PROJECT AS SHOWN CITY & COUNTY OF SAN FRANCISCO ST - 3.03DATE: DRAWN: FERNANDO CISNEROS Deputy Bureau Mgr: SAN FRANCISCO PUBLIC WORKS PUBLIC **WORKS** 12/09/2021 VY SHEET OF SHEETS 120,739 49 SOUTH VAN NESS AVENUE, SUITE 900 IQBAL DHAPA Acting Bureau Mgr NO. DATE DESCRIPTION TRAFFIC MAST ARM POLE SECTIONS CHECKED: DATE: Thapen 173 OF 210 12/10/202 REV. NO. SAN FRANCISCO, CA 94103 TABLE OF REVISIONS THIS DRAWING WAS LAST MODIFIED: 10/26/21 11:25, BY: VYU ESH JO: 1171i CONTRACT NO. 10035213