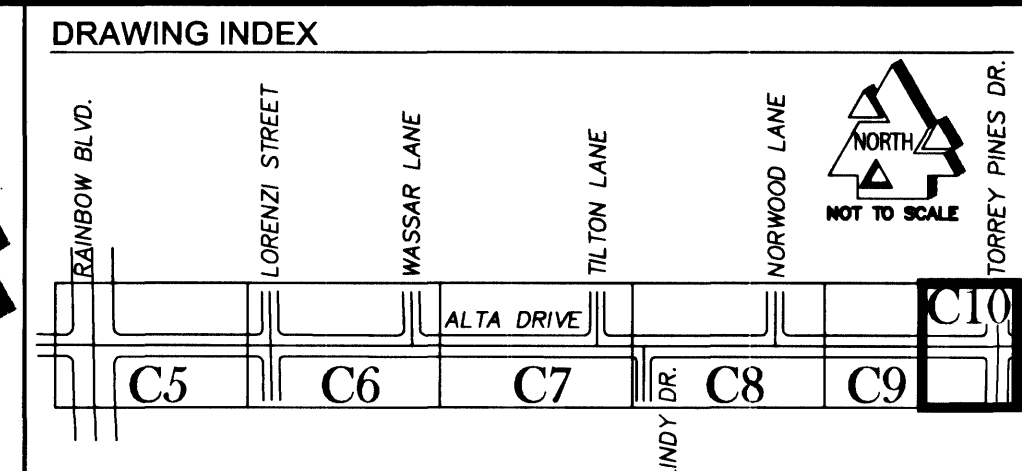
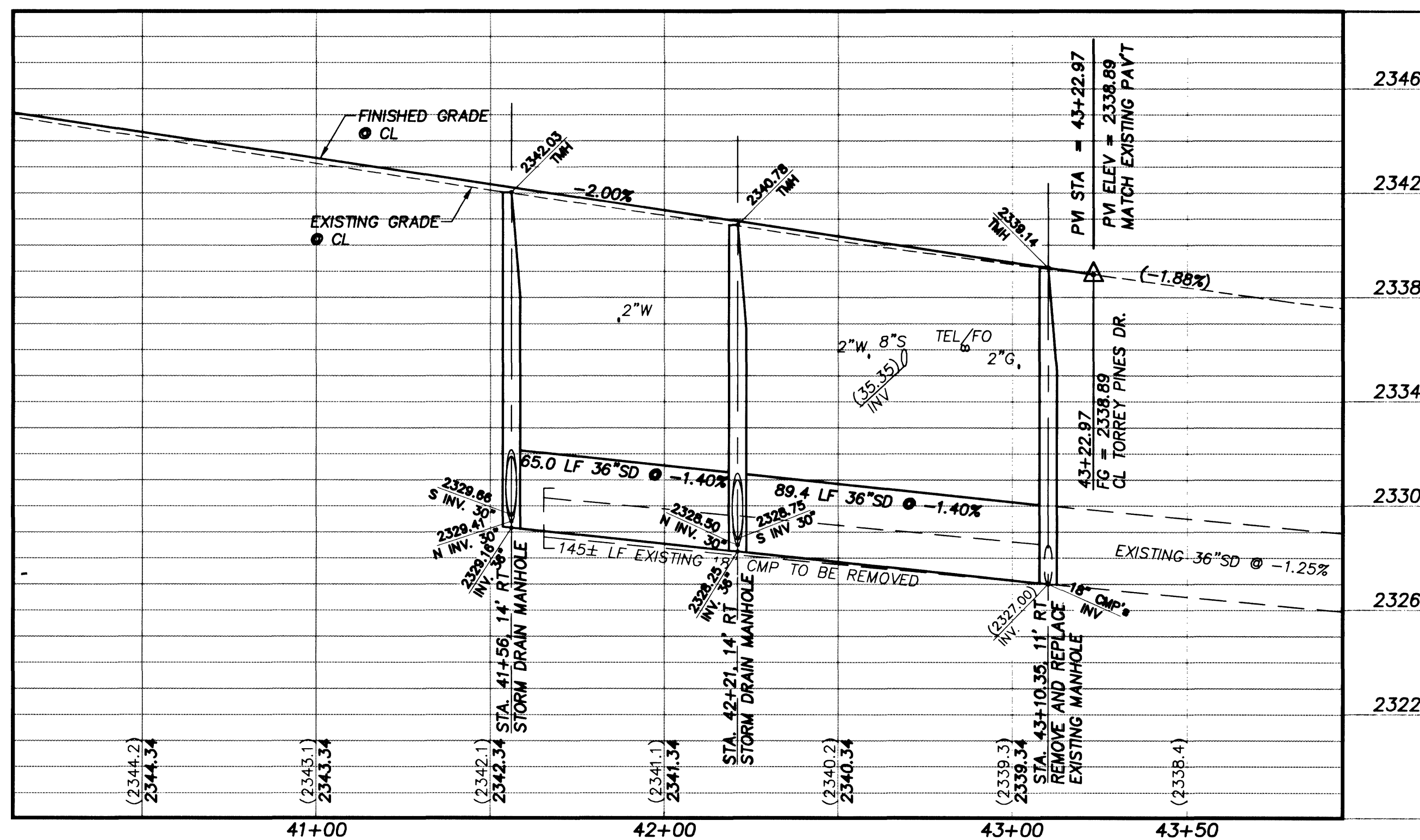
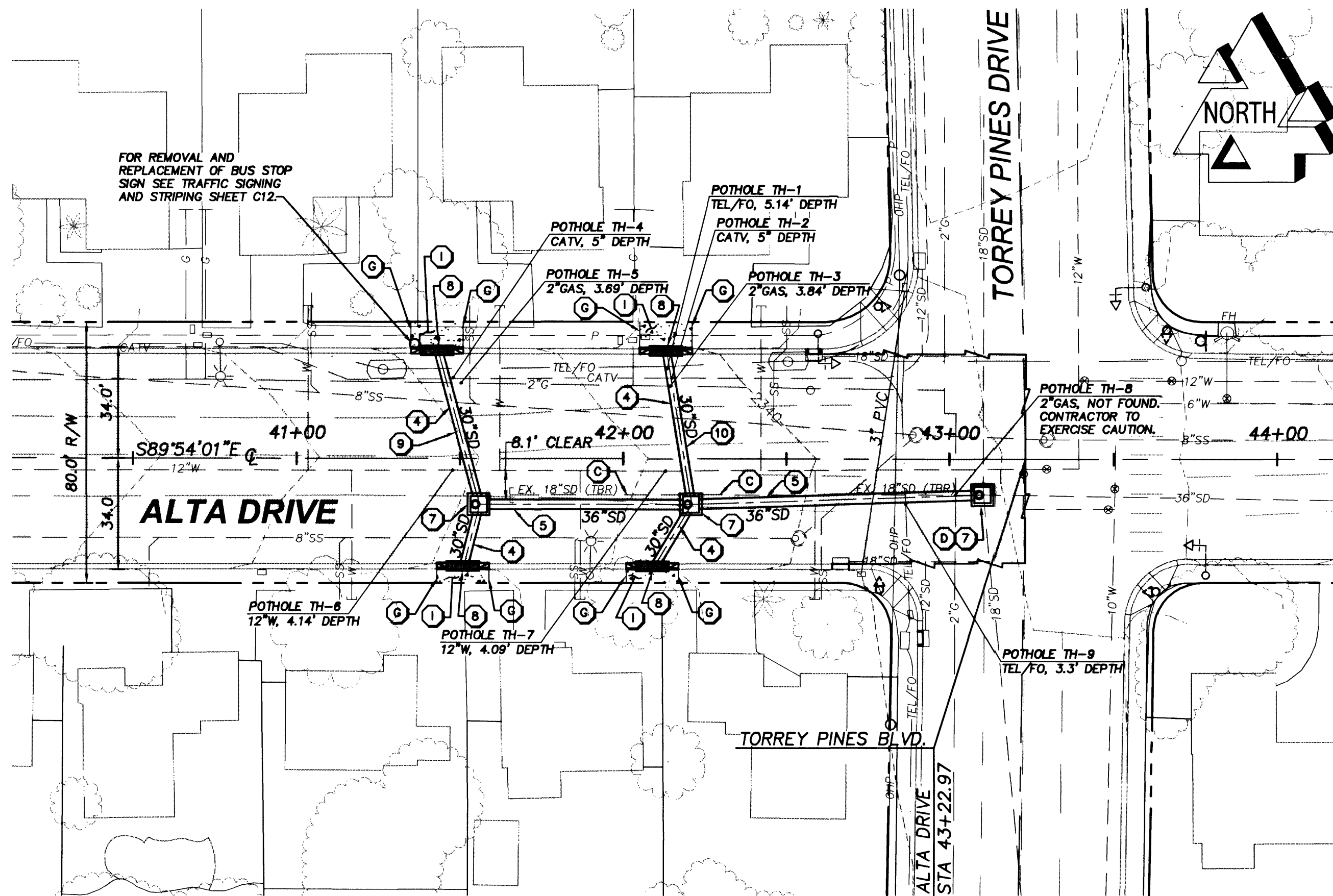
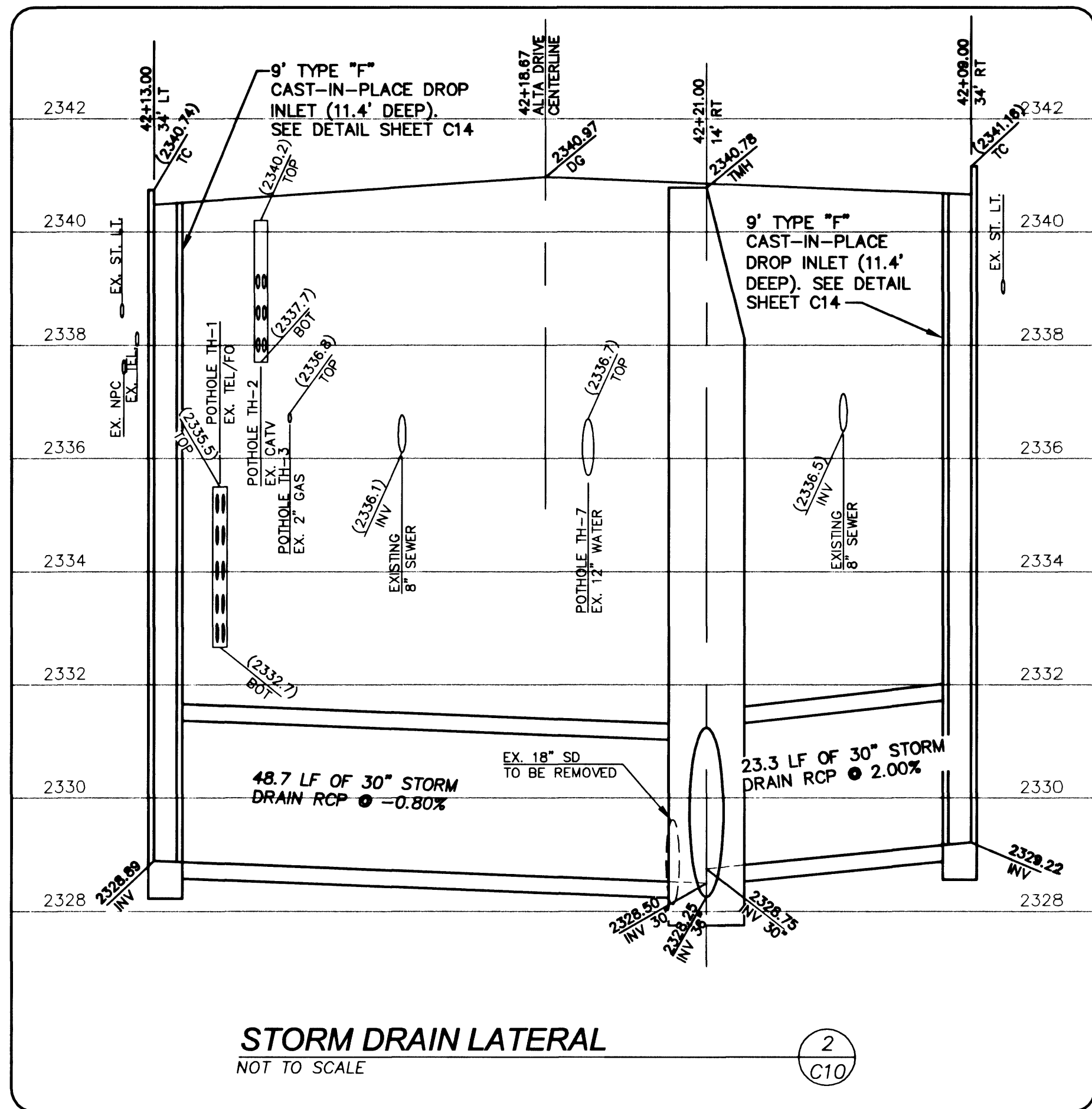
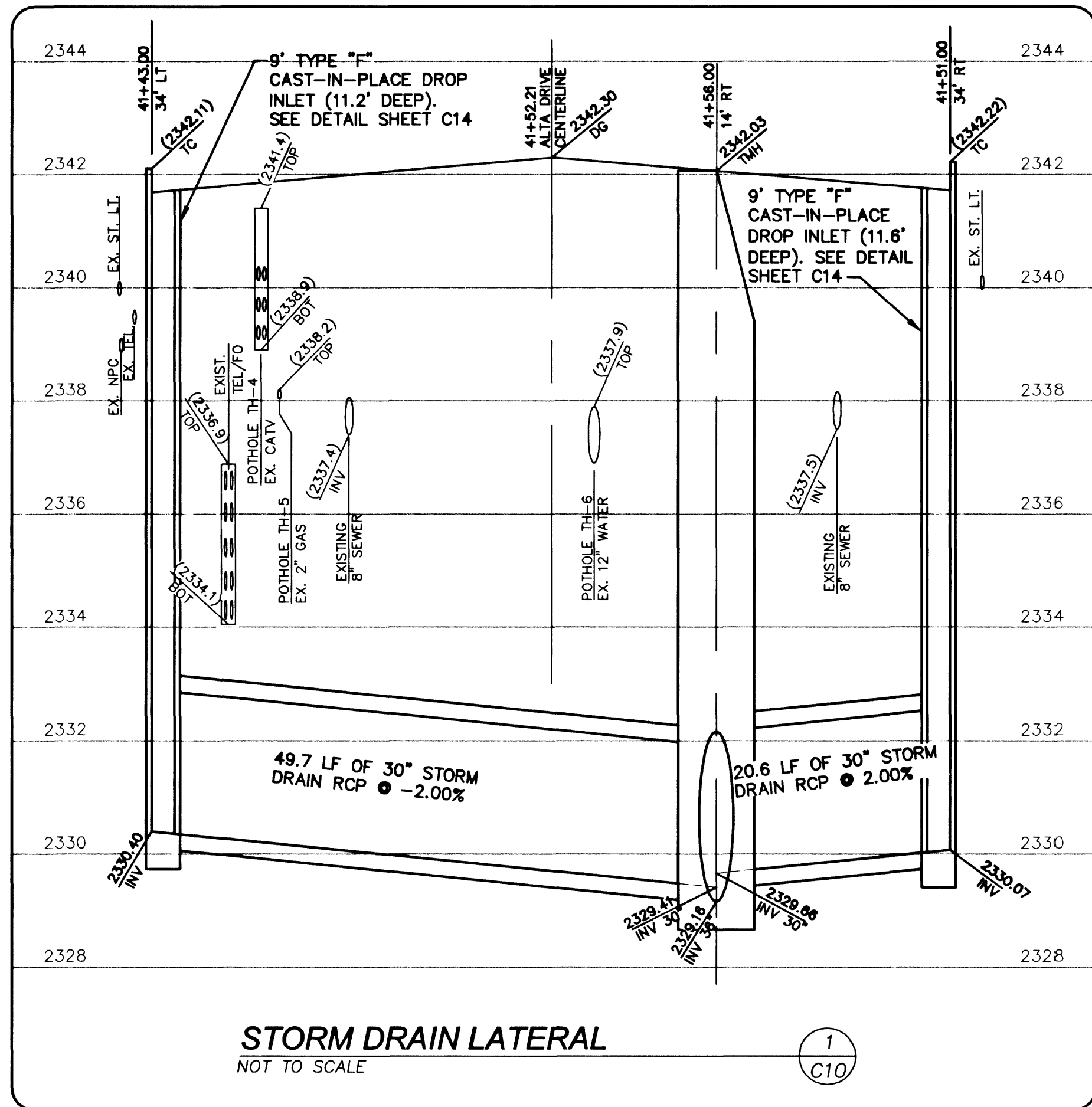


BASIS OF BEARING
S 89°49'35" E, BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN ON LEWIS HOMES - STONEGATE NO. 2, RECORDED IN BOOK 29, PAGE 70 OF PLATS.

BENCHMARK
LAS VEGAS, NEVADA STATION: 7C00 35W6, BEING A RIVET AND PLATE IN TOP OF CURB AT NORTHEAST CORNER OF ALTA DRIVE AND TILTON LANE.

CAUTION:
EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS. CALL BEFORE YOU DIG: 1(800)227-2600.

- KEY NOTES**
- REMOVAL ITEMS:**
- (A) REMOVE EXISTING SIDEWALK. (202.00.01)
 - (B) REMOVE EXISTING SPANDREL. (202.00.02)
 - (C) REMOVE EXISTING 18" STORM DRAIN. (202.00.03)
 - (D) REMOVE EXISTING STORM DRAIN MANHOLE. (202.00.04)
 - (E) PULVERIZE & CONSTRUCT RECYCLED ASPHALT BASE COURSE PER TYPICAL SECTION, SEE SHEET C3. (203.00.01)
 - (F) REMOVE EXISTING TRAFFIC SIGNAL LOOP DETECTOR AS PART OF PULVERIZE, BLEND, GRADE, AND COMPACT EXISTING PAVEMENT AND BASE OPERATION. (203.00.01)
 - (G) SAWCUT AND MATCH EXISTING. (202.00.01), (202.00.02), (203.00.01), (609.00.03), (613.00.01), (613.00.02), (623.00.01)
 - (H) DISPOSE OF SURPLUS PULVERIZED MATERIAL. (203.00.02)
 - (I) REMOVE EXISTING CURB, GUTTER, AND SIDEWALK FOR CONSTRUCTION OF DROP INLET. (609.00.03)
 - (J) GRIND EXISTING CONCRETE SIDEWALK RAMP UP PER DETAIL 1 ON SHEET C13. (613.00.03)
- CONSTRUCTION ITEMS:**
- (1) EXISTING GAS VALVE BOX TO BE ADJUSTED TO FINISHED GRADE BY SOUTHWEST GAS COMPANY
 - (2) PULVERIZE & CONSTRUCT RECYCLED ASPHALT BASE COURSE PER TYPICAL SECTION, SEE SHEET C3. (203.00.01)
 - (3) INSTALL 4" HOT PLANT MIX RECYCLED BITUMINOUS PAVEMENT (404.00.01)
 - (4) INSTALL 30" REINFORCED CONCRETE PIPE (CLASS III). (603.00.01)
 - (5) INSTALL 36" REINFORCED CONCRETE PIPE (CLASS III). (603.00.02)
 - (6) ADJUST EXISTING MANHOLE TO FINISHED GRADE PER USD NO. 408. (609.00.01)
 - (7) CONSTRUCT 60" TYPE II STORM DRAIN MANHOLE PER USD NO. 405. (609.00.02)
 - (8) CONSTRUCT 9' TYPE "F" CAST-IN-PLACE DROP INLET PER DETAIL SHEET C14. (609.00.03)
 - (9) STORM DRAIN LATERAL PER DETAIL 1, SHEET C10. (603.00.01), (609.00.02), (609.00.03)
 - (10) STORM DRAIN LATERAL PER DETAIL 2, SHEET C10. (603.00.01), (609.00.02), (609.00.03)
 - (11) CONSTRUCT CONCRETE SIDEWALK PER USD NO. 234 WITH RAMP PER USD NO. 235, CASE 1 (613.00.01)
 - (12) CONSTRUCT CONCRETE SPANDREL WITH DOWELED JOINTS PER USD NO. 228. (613.00.02)
 - (13) INSTALL TRAFFIC SIGNAL LOOP DETECTORS PER USD NO. 404.827 (623.00.01). SEE TRAFFIC STRIPING SHEETS FOR LANE LOCATIONS.
 - (14) INSTALL TRAFFIC SIGNAL LOOP DETECTORS (6"x6") PER USD NO. 404.821 (623.00.01). SEE TRAFFIC STRIPING SHEETS FOR LANE LOCATIONS.
 - (15) INSTALL 3-INCH PVC SLEEVE. SEE DETAIL 6, SHEET C13. (623.00.02)
 - (16) INSTALL PERMANENT SIGN AND METAL POST PER USD NO. 249, 8-FOOT MIN. VERTICAL SIGN CLEARANCE, 6-INCHES FROM BACK-OF-WALK. (627.00.01)
 - (17) RELOCATE SIGN PER USD NO. 249. (627.00.02)
 - (18) INSTALL TYPE I HOT INLAY FILM (TURN ARROW) PER USD NO. 246. (628.00.01)
 - (19) INSTALL TYPE I HOT INLAY FILM ("ONLY") PER USD NO. 246. (628.00.02)
 - (20) INSTALL TYPE I HOT INLAY FILM (BIKE LANE MARKINGS) PER MUTCD 2000, PART 9, TYP. (628.00.03)
 - (21) INSTALL TYPE I HOT INLAY FILM (8-INCH SOLID WHITE LINE) AT 3' SEGMENTS AND 9' GAPS. (628.00.04)
 - (22) INSTALL TYPE I HOT INLAY FILM (24-INCH SOLID WHITE LINE). (628.00.05)
 - (23) INSTALL TYPE II HOT INLAY FILM (6-INCH SOLID WHITE LINE) PER USD NO. 244.2, TYP. (628.00.06)
 - (24) ADJUST EXISTING WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE NO. B. (629.00.01)
 - (25) INSTALL NON-REFLECTIVE RAISED PAVEMENT MARKERS. (633.00.01)
 - (26) INSTALL REFLECTIVE RAISED PAVEMENT MARKERS. (633.00.02)

APPROVED FOR CONSTRUCTION
DATE: 9/9/02
DATE: 9/9/02

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

CALL BEFORE YOU DIG
OVERHEAD

DEPARTMENT OF PUBLIC WORKS

ENGINEERING DESIGN SECTION
CITY ENGINEER: CHARLES KAWONOSKI, P.E.
PROJECT ENGINEER: JERRY L. TURNER, P.E.
DESIGNED BY: KAS
CHECKED BY: ADP
DATE: 05/08/02

ALTA DRIVE ROADWAY RECONSTRUCTION
RAINBOW BLVD. TO TORREY PINES DR.

UTILITY PLAN, PROFILE, AND LATERAL DETAILS

Sheet C10
10 of 15
DRAWING NO. 107-V3503