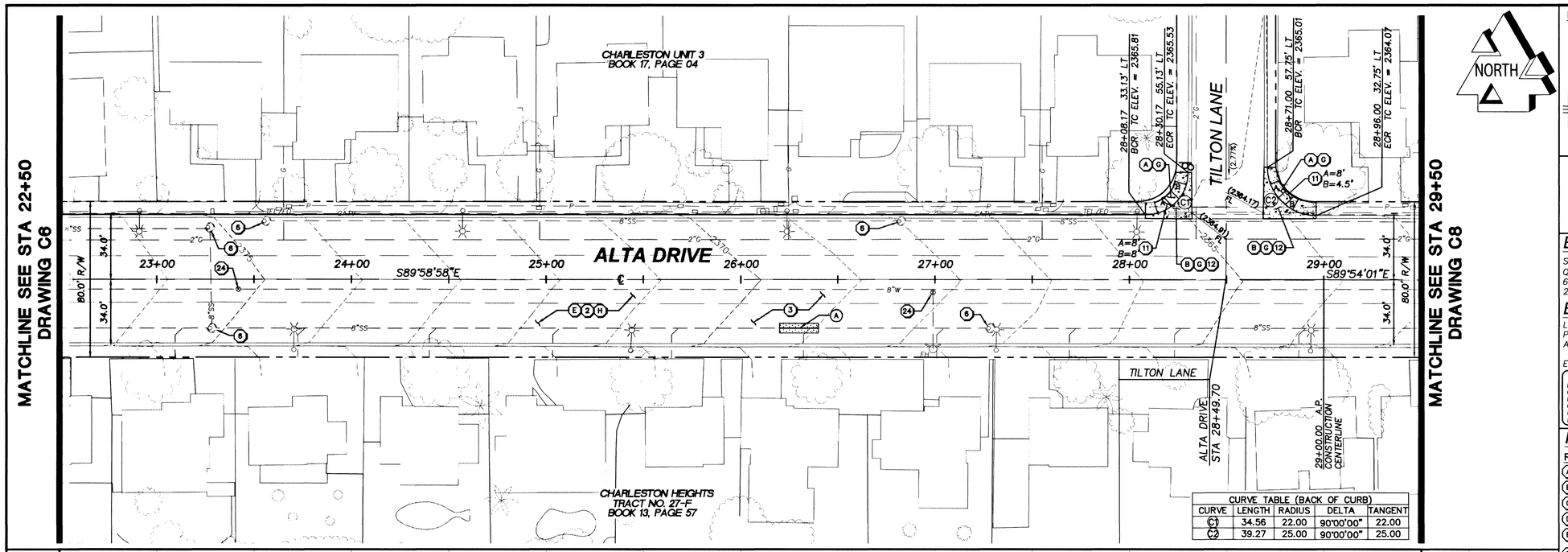
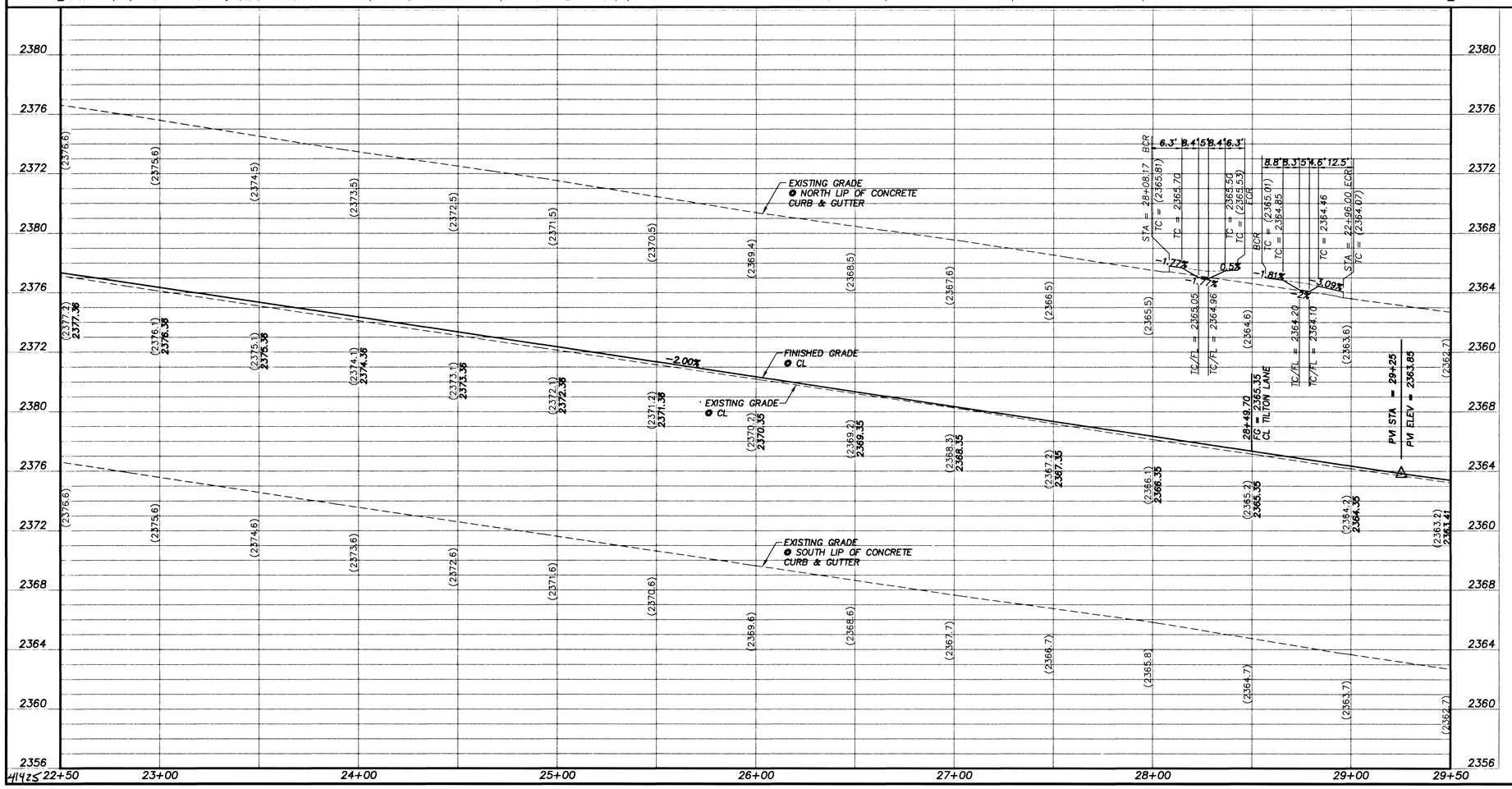
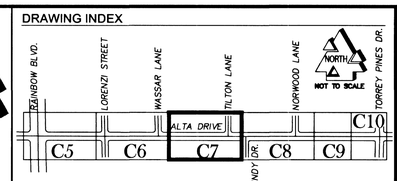


CURVE TABLE (BACK OF CURB)				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	34.56	22.00	90°00'00"	22.00
C2	39.27	25.00	90°00'00"	25.00



DRAWING INDEX



GRAPHIC SCALE

30 0 30 60

SCALE HORIZONTAL 1 inch = 30 ft. FEET
VERTICAL 1 inch = 4 ft.

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.

ELEV. 2364.05 FEET NAVD 1988

CAUTION:

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 HERON. 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 LIP 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 PLANTMIX 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. 8. (629.00.01)
(25) INSTALL NON-REFLECTIVE RAISED PAVEMENT MARKERS. (633.00.01)
(26) INSTALL REFLECTIVE RAISED PAVEMENT MARKERS. (633.00.02)

SEWER REPAIR LOCATIONS:

SEE DETAIL 5, SHT. C13 (THIS SHEET ONLY)

(A) INSTALL 8" PVC SEWER PIPE (630.00.01) STA 26+20.00 TO STA 26+40.00

APPROVED FOR CONSTRUCTION
LVVWD DATE 5/9/02

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-593-6111

NO.	DATE	DESCRIPTION	APP'D
		REVISIONS	

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION
CITY ENGINEER: CHARLES MAYCHEN, JR., P.E.
PROJECT ENGINEER: JEAN L. TURNER, P.E.
DESIGNED BY: RAS
DRAWN BY: MAS
CHECKED BY: AEP
DATE: 05/08/02

AZTEC ENGINEERING
3320 N. Buffalo Dr. # 106,
Las Vegas, NV 89129
Tel (702) 396-3426
Fax (702) 396-3758
Email: aztec@azteceng.com

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

SHEET: PLAN AND PROFILE
22+50 TO 29+50

PROFESSIONAL ENGINEER – STATE OF NEVADA
ALEXIS P. ENGLE
No. 9029
5-8-02

Sheet C7
7 of 15
DRAWING NO. 107-V3503