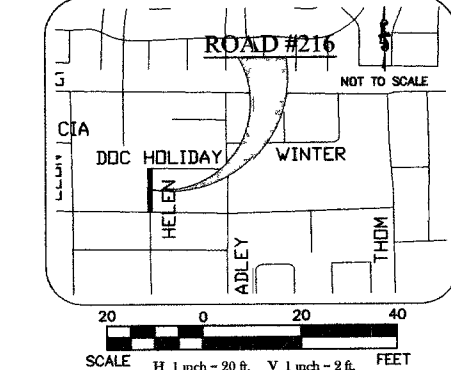
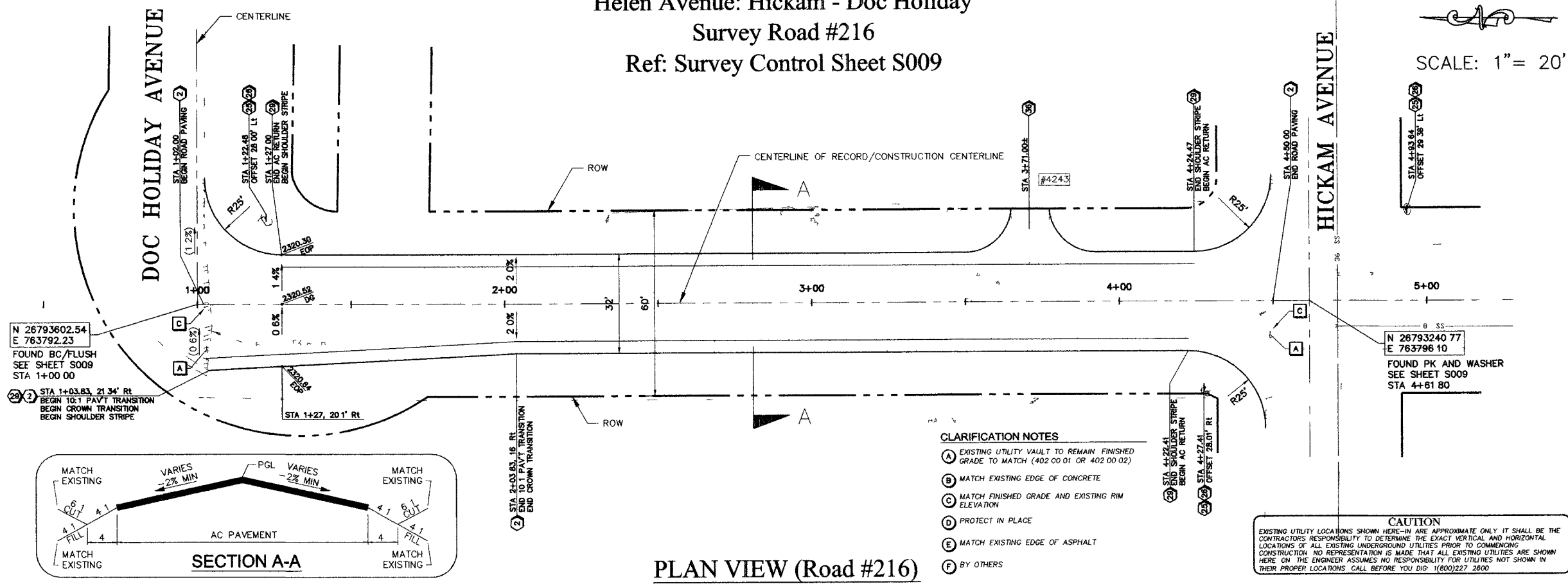


Helen Avenue: Hickam - Doc Holiday
 Survey Road #216
 Ref: Survey Control Sheet S009

SCALE: 1" = 20'



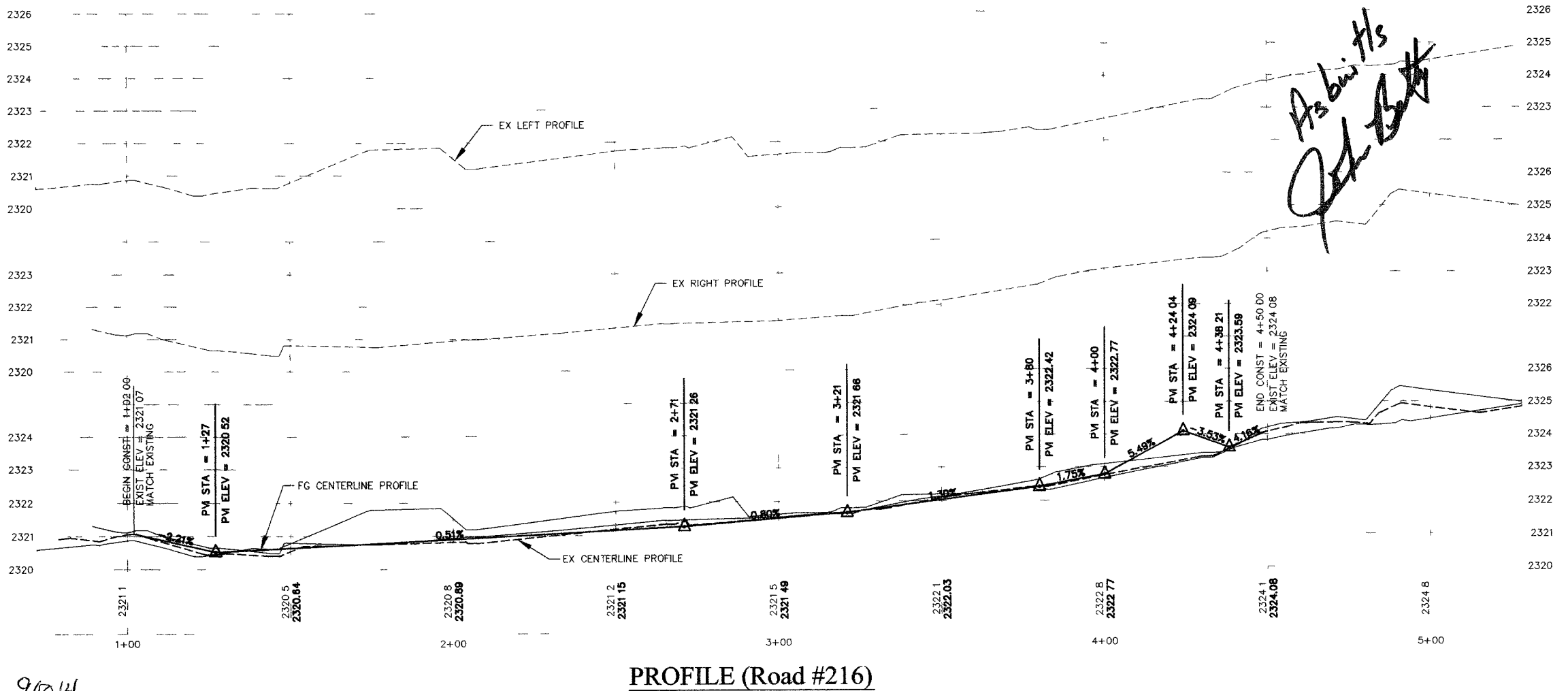
KEY NOTES

REMOVAL ITEMS

- (A) REMOVE ASPHALT PAVEMENT (202 00 01)
- (B) TRIM TREES/BUSHES FROM ENCRoACHING IN ROW (202 00 01 OR 202 00 03)
- (C) SAW CUT AND MATCH EXISTING (202 00 01)
- (D) REMOVE CONCRETE PAVEMENT (202 00 02)
- (E) REMOVE MISCELLANEOUS CONCRETE (202 00 02)
- (F) REMOVE ENCRoACHING OBJECT (202 00 03)
- (G) REMOVE AND RELOCATE FENCE (202 00 05)
- (H) REMOVE WATER METER BOX (629 00 02)

CONSTRUCTION ITEMS

- (1) INSTALL ALLEY STRUCTURAL SECTION PER SHEET G7 (203 00 01 302 00 01 404 00 01)
- (2) INSTALL ROADWAY STRUCTURAL SECTION PER SHEET G8 & G9 (203 00 01 302 00 01 404 00 01)
- (3) CONSTRUCT 25' ASPHALT ALLEY-TO-ROADWAY TRANSITION PER TYPICAL DETAILS 1 & 2 ON SHEET G10 (404 00 01)
- (4) CONSTRUCT ALLEY/STREET PAVEMENT PATCHING PER DETAIL 3 SHEET G10 (404 00 02)
- (5) ADJUST MANHOLE TO FINISHED GRADE PER USD #408 (609 00 01)
- (6) REMOVE AND REPLACE MANHOLE PER USD #403 & #408 (609 00 02)
- (7) REPLACE MANHOLE RIM AND COVER (609 00 03)
- (8) CONSTRUCT 2' WIDE CONCRETE VALLEY-PAN AS PER DETAIL 2 SHEET G10 REFER TO USD #214 (613 00 01)
- (9) CONSTRUCT 5' CONCRETE VALLEY PAN TRANSITION PER TYPICAL DETAIL 2 SHEET G10 (613 00 01)
- (10) CONSTRUCT CONCRETE SIDEWALK WITH RAMP AND DETECTABLE TACTILE WARNINGS PER USD #234 & #235 (613 00 02 613 00 05)
- (11) INSTALL CONCRETE COLLAR AROUND EXISTING VAULT PER UDACS (613 00 02)
- (12) CONSTRUCT DEPRESSED ALLEY DRIVEWAY PER USD #227 (613 00 03)
- (13) CONSTRUCT DEPRESSED ALLEY DRIVEWAY (MODIFIED CENTENNIAL PLAN) PER SECTION 3-G11 4-G11 & 5-G11 (613 00 04)
- (14) CONSTRUCT DEPRESSED ALLEY DRIVEWAY (STANDARD CENTENNIAL PLAN) PER SECTION 1-G11 2-G11 & 3-G11 (613 00 04)
- (15) CONSTRUCT TYPE 1" CURB & CUTTER PER USD #216 (613 00 06)
- (16) INSTALL DETECTABLE TACTILE WARNINGS TO EXISTING SIDEWALK RAMP PER USD #235 (613 00 07)
- (17) CONCRETE FOUNDATION CAP PER DETAIL 1 SHEET G12 (613 00 08)
- (18) GRIND EXISTING SIDEWALK RAMP LIP (613 00 09)
- (19) CONSTRUCT TYPE A" CURB (8" FACE) PER DETAIL SHEET C052 (613 00 10)
- (20) INSTALL NO 3-1/2" PULL BOX PER USD #326 REFER TO DETAIL 2 SHEET G13 (623 00 01)
- (21) INSTALL ONE (1) 2-INCH PVC CONDUIT REFER TO DETAIL 2 SHEET G13 (623 00 02)
- (22) REMOVE AND REPLACE EXISTING PULL BOX (623 00 03)
- (23) INSTALL END OF ROAD MARKER GROUND MOUNTED PER MUTCD 0M4-1 AND SIGN POST PER USD 249 REFER TO DETAIL 4 SHEET G12 (627 00 01)
- (24) INSTALL REFLECTIVE DELINEATOR POLE MOUNTED PER DETAIL 3 SHEET G12 (627 00 02)
- (25) INSTALL R1 1 STOP SIGN AND POST PER USD #249 (627 00 03)
- (26) INSTALL D3 STREET NAME SIGN 2 EACH ON TOP OF STOP SIGN POST (627 00 04)
- (27) RELOCATE EXISTING SIGN (627 00 05)
- (28) INSTALL 8' TYPE IIA BARRICADE EVENLY SPACED PER USD #601 (627 00 06)
- (29) INSTALL 4-INCH WHITE PAINTED SHOULDER LINE PER PLANS REFER TO DETAIL 1 SHEET G13 (628 00 01)
- (30) INSTALL TYPE 1 CENTERLINE PER USD #244 (628 00 02)
- (31) REMOVE AND REPLACE EXISTING WATER METER BOX WITH NEW TRAFFIC BEARING WATER METER BOX AND ADJUST SERVICE CONNECTION AS NEEDED PER UDACS PLATE #1A-D (629 00 01)
- (32) ADJUST EXISTING VALVE BOX TO FINISHED GRADE PER UDACS PLATE #B (629 00 03)
- (33) REMOVE AND RELOCATE FIRE HYDRANT PER UDACS PLATE 7 (629 00 04)
- (34) EXISTING GAS VALVE BOX TO BE ADJUSTED TO FINISHED GRADE (BY SOUTHWEST GAS COMPANY)
- (35) EXISTING UNDERGROUND ELECTRICAL VAULT TO BE ADJUSTED TO FINISHED GRADE (BY NEVADA POWER COMPANY)
- (36) CONSTRUCT DRIVEWAY APPROACH PER DETAIL 3 SHEET G13 (203 00 01 302 00 01 404 00 01)
- (37) INSTALL BOLLARD PER DETAIL 4 SHEET G13 (627 00 08)
- (38) INSTALL TWO-DIRECTION ARROW SIGN GROUND MOUNTED PER MUTCD W1-7 AND SIGN POST PER USD 249 (627 00 07)
- (39) CONC ALLEY/UTILITY PROTECTION SLAB PER DETAIL 5 SHT G13 (613 00 11)
- (40) REMOVE AND REPLACE DRIVEWAY PIPE CULVERT AND HEADWALLS PER DETAIL 6 SHEET G13 (601 00 01)



- SEWER REPAIR LOCATIONS**
- (1) SEWER LINE REPAIR (630 00 01)
 - (2) SEWER LINE REPAIR MANDATORY DIG AND REPLACE (630 00 02)

CALL BEFORE YOU DIG OVERHEAD

Call before you Dig

1-800-227-2800

UNDERGROUND SERVICE ONLY

DEPARTMENT OF PUBLIC WORKS

ENGINEERING DESIGN SECTION

CITY ENGINEER: CHARLES KAJOKOSKI, P.E.
 PROJECT ENGINEER: JERRY L. TURNER, P.E.
 DESIGNED BY: TOM RAS
 DRAWN BY: MK/BN
 CHECKED BY: RL
 DATE: 02/25/04

AZTEC

3320 N Buffalo Drive
 Suite 106
 Las Vegas, NV 89119-7110
 Tel: 702-396-3468
 Fax: 702-396-3758
 Web: aztec.com

PM 10/CMAQ ROADWAY IMPROVEMENTS

PHASE 2B

TITLE: HELEN AVENUE: HICKAM - DOC HOLIDAY ROAD #216 PLAN & PROFILE

SHEET: STA 1+02.00 - STA 4+50.00

PROFESSIONAL ENGINEER - STATE OF NEVADA

ANDRZEJ SKORUPINSKI

Stamp: 3/1/04

Exp. Date: 06/30/04

Sheet **C216** 94 of 127

DRAWING NO: 107-VJ 712-2 B