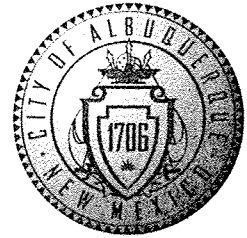


# CITY OF ALBUQUERQUE



April 22, 2009

Jeffery G. Mortensen, P.E.  
**High Mesa Consulting Group**  
6010-B Midway Park Blvd. NE  
Albuquerque, NM 87109

**Re: James Monroe Middle School Prototype # 2—Private Infrastructure  
Improvements, 6100 Paradise Blvd NE, Grading/Drainage Plan, (B-  
10/D004)**

**Engineer's Stamp Date: 07/07/2008**

**Certification Date: 04-03-09**

PO Box 1293

Dear Mr. Mortensen,

Albuquerque

Thank you for providing an Engineer Certification for the Grading/Drainage Plan, received on 4-21-09, for the above referenced plan. This information will be placed in the project file.

NM 87103

If you have any questions, I can be contacted at 924-3982.

Sincerely,

www.cabq.gov

Timothy E. Sims  
Plan Checker, Planning Dept.-Hydrology  
Development and Building Services

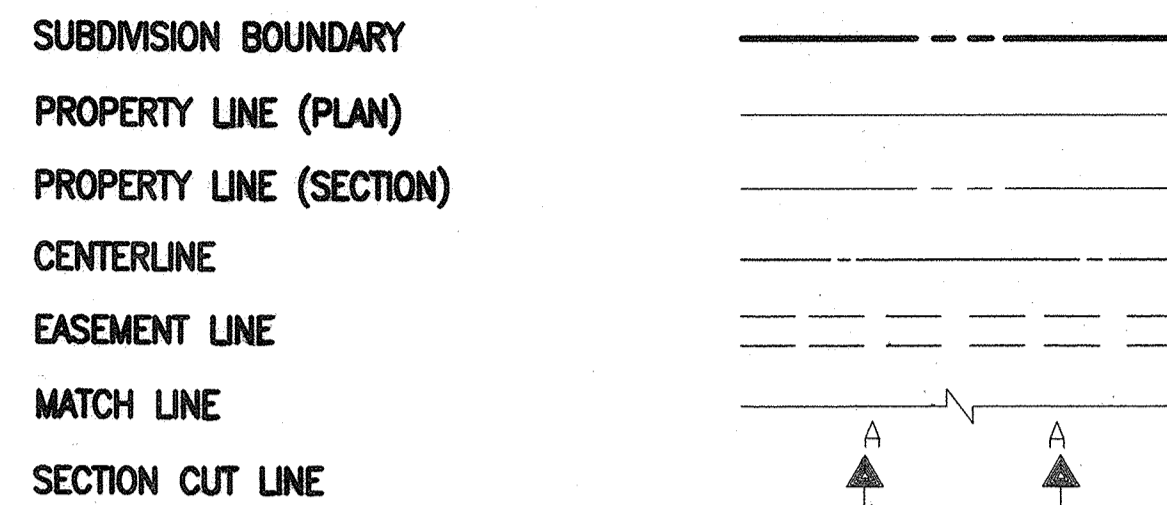
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LEGEND

MATERIALS



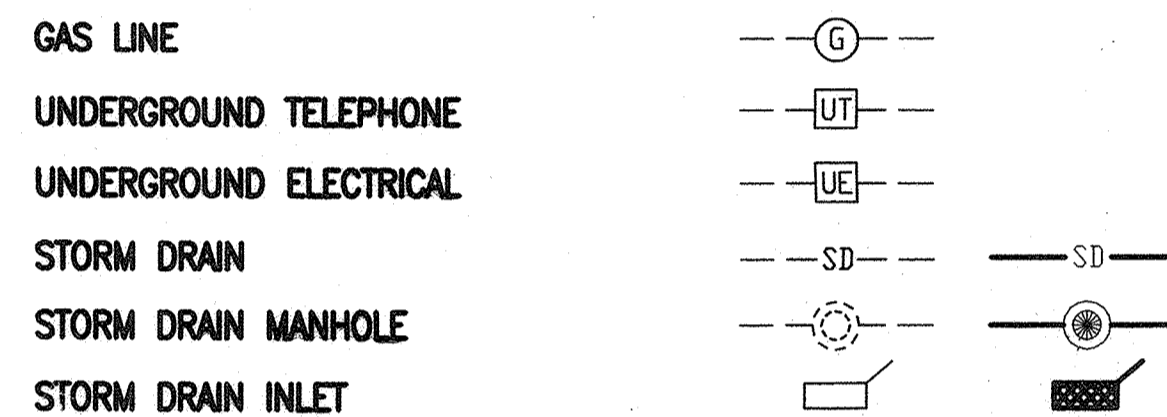
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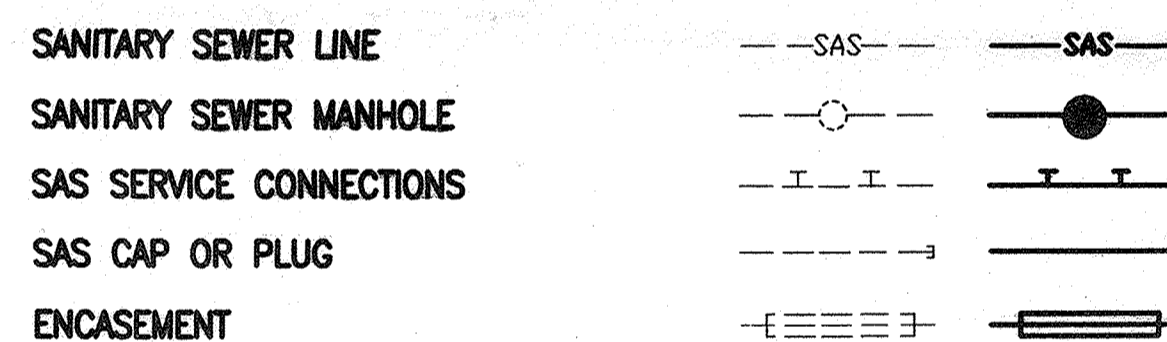
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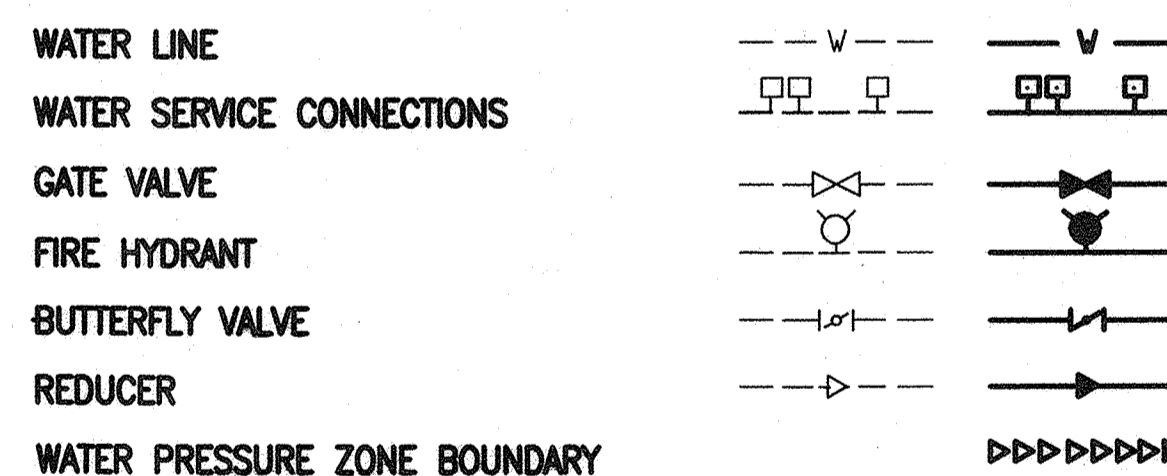
MISCELLANEOUS UTILITIES



SANITARY SEWER



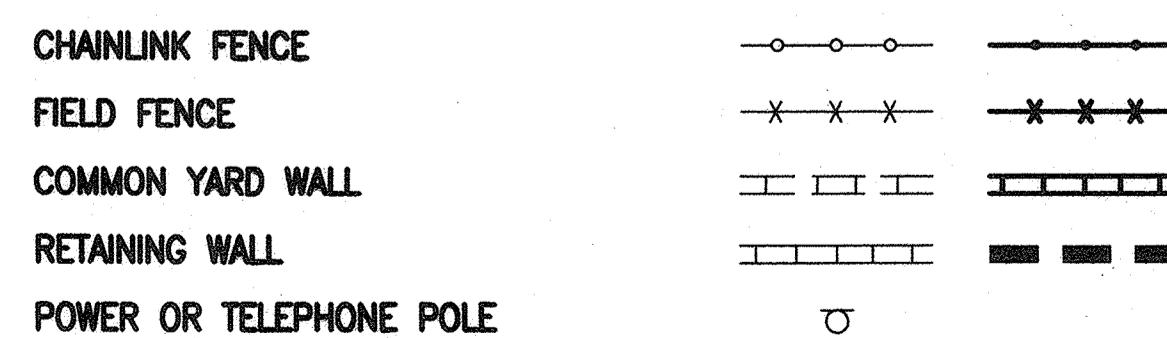
WATER



WATER FITTINGS



MISCELLANEOUS



# CONSTRUCTION PLANS

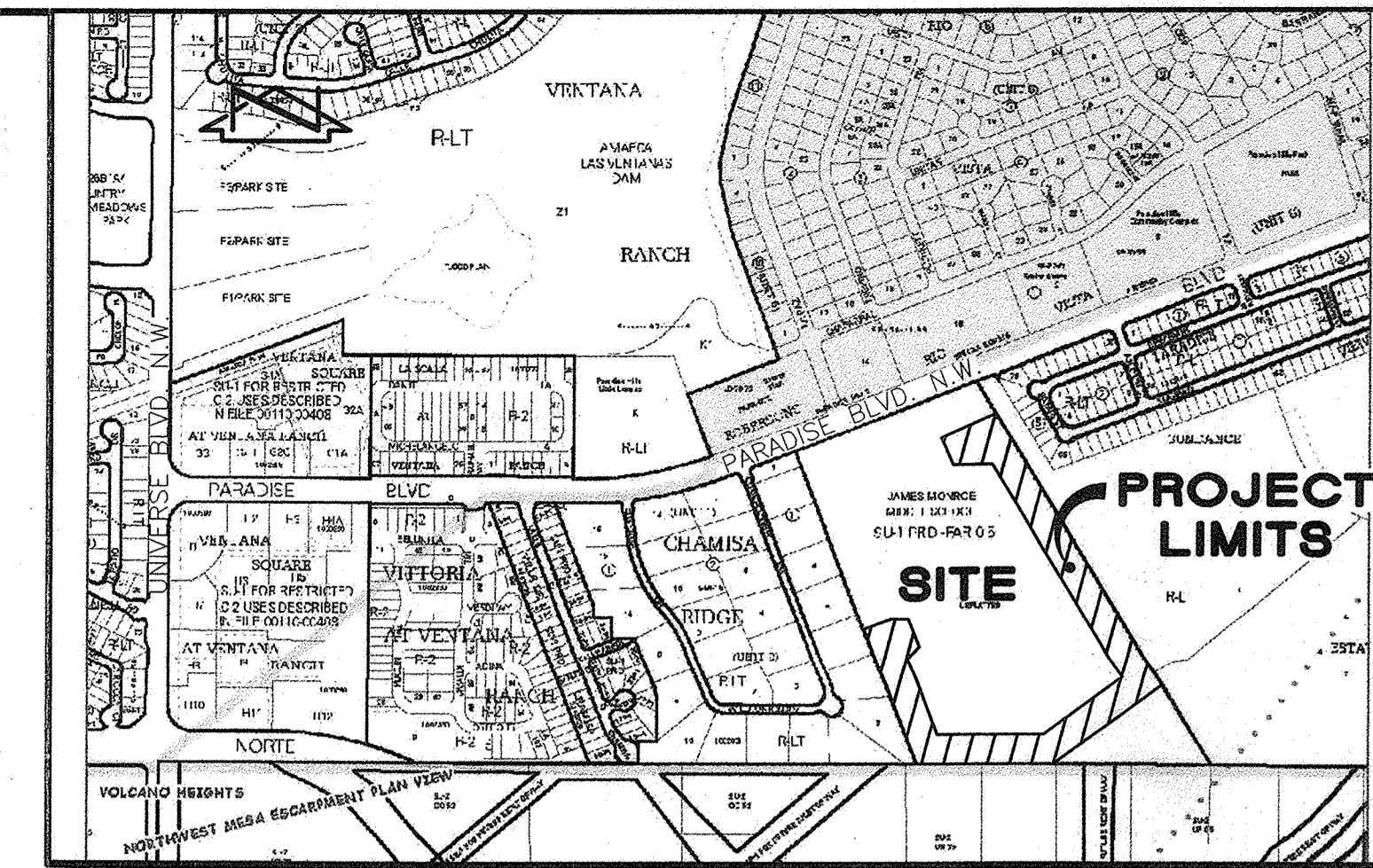
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## PROTOTYPE ELEMENTARY SCHOOL NO. 2,

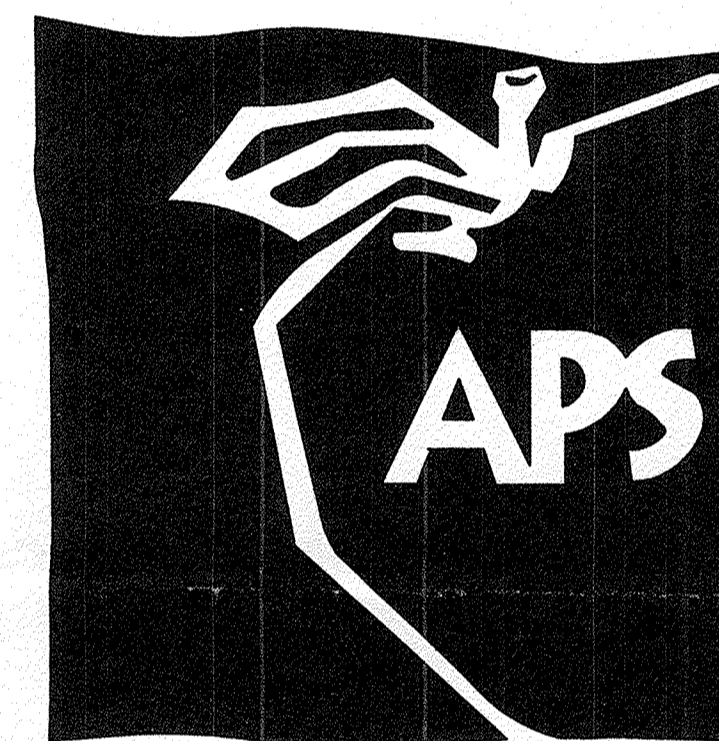
### PRIVATE INFRASTRUCTURE IMPROVEMENTS BID LOT NO.1

## ALBUQUERQUE, NEW MEXICO

### JUNE, 2008



E5 VICINITY MAP SCALE: 1" = 750' B-10




**ENGINEER'S CERTIFICATION**

I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED, DRAINED AND CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLANS DATED 06/20/2008. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AS SUPPLEMENTAL SITE DATA COMBINED WITH RECORD INFORMATION OBTAINED FROM THE AS-BUILT SURVEY PERFORMED UNDER THE DIRECT SUPERVISION OF CHARLES C. CALA, JR., NMPS 11184, OF THE FIRM HIGH MESA CONSULTING GROUP, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED TO SATISFY CONDITIONS OF APPROVAL FOR GRADING AND PAVING PERMIT AND TO DOCUMENT COMPLETION OF THOSE IMPROVEMENTS AS IDENTIFIED ON THIS APPROVED PLAN FOR THE OWNER.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECT OF THIS PROJECT. THIS CERTIFICATION DOES NOT ADDRESS ADA COMPLIANCE WHICH IS BEYOND THE SCOPE OF GRADING AND DRAINAGE. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

*Jeffrey G. Mortensen*  
JEFFREY G. MORTENSEN, NMPE 8547  
DATE: 06/10/2008



INDEX OF DRAWINGS

| SHEET  | DESCRIPTION  |
|--|--|
| 1 C-101  | COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS   |
| 2 C-102  | PAVING, STORM DRAIN AND SANITARY SEWER SITE PLAN                         |
| <b>PRIVATE SANITARY SEWER IMPROVEMENTS</b>               |  |
| 3 C-103  | PRIVATE SANITARY SEWER PLAN AND PROFILE: STA 10+00 TO STA 21+00          |
| 4 C-104  | PRIVATE SANITARY SEWER PLAN AND PROFILE: STA 21+00 TO STA 26+03.31       |
| <b>PRIVATE ACCESS ROADS AND STORM DRAIN IMPROVEMENTS</b> |  |
| 5 C-105  | PAVING AND STORM DRAIN SECTIONS AND DETAILS                              |
| 6 C-106  | PRIVATE ACCESS ROAD (SOUTH) PLAN AND PROFILE - STA 10+00 TO STA 20+00    |
| 7 C-107  | PRIVATE ACCESS ROAD (SOUTH) PLAN AND PROFILE - STA 20+00 TO STA 27+49.14 |
| 8 C-108  | PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE - STA 50+00 TO STA 58+00    |
| 9 C-109  | PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE - STA 58+00 TO STA 65+95.19 |
| 10 C-110   | TYPICAL STORM INLET DETAILS  |
| 11 C-111   | TYPICAL MANHOLE DETAILS  |
| 12 C-312   | WEST SIDEWALK GRADING AND LAYOUT PLAN                                    |
| 13 C-313   | FENCING PLAN - SOUTH   |
| 14 C-314   | FENCING PLAN - NORTH AND EAST  |
| 15 C-315   | FENCING SECTIONS AND DETAILS   |

A2 COVER SHEET, VICINITY MAP, INDEX OF DRAWINGS, LEGEND AND GENERAL NOTES

**RECORD DRAWING**

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION REVISED 12/2006.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, (ALBUQUERQUE AREA) 1-800-321-ALERT (2537) (STATEWIDE) FOR LOCATION OF EXISTING PUBLIC UTILITIES AND ABASTO UTILITY LOCATING COMPANY (889-3341) FOR THE LOCATION OF EXISTING PRIVATE UTILITIES ON APS PROPERTY.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE. THEREFORE, CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER AUTHORITY PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATION. THE WATER AUTHORITY PHONE NUMBER IS 857-8200.
- CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926, SUBPART P-EXCAVATIONS
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- WHEN APPLICABLE, CONTRACTOR SHALL, ON BEHALF OF THE OWNER AND OPERATORS, SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

JOB NO. 2006.186.T 2007.186.3

| REV. | SHEETS | CITY | ENGINEER | DATE  | USER | DEPARTMENT | DATE | USER | DEPARTMENT | DATE |
|------|--------|------|----------|-------|------|------------|------|------|------------|------|
| 1    | 1-15   |      |          | 03/09 |      |            |      |      |            |      |
| 2    | 12     |      |          | 11/08 |      |            |      |      |            |      |

APPROVAL OF REVISIONS



**HIGH MESA Consulting Group**  
FORERBY, JEFF MORTENSEN AND ASSOCIATES, INC.  
4010-B MIDWAY PARK BLVD, NE ALBUQUERQUE, NEW MEXICO 87109  
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

APPROVED FOR CONSTRUCTION

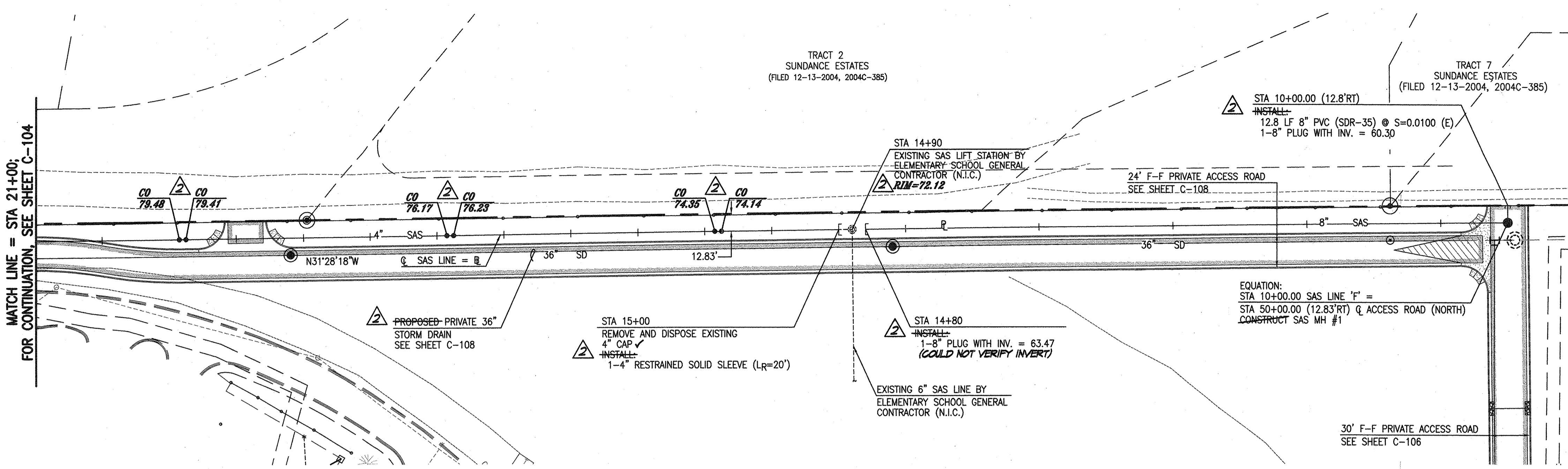
C.E.

C-101 15  
SHEET 1 OF 11

07-07-2008  
06-16-2008

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21+00 20+00 19+00 18+00 17+00 16+00 15+00 14+00 13+00 12+00 11+00 10+00



**SANITARY SEWER CONSTRUCTION NOTES:**

1. ALL STATIONING IS BASED ON SANITARY SEWER CENTERLINE UNLESS INDICATED OTHERWISE.
2. GRAVITY SANITARY SEWER PIPE SHALL BE PVC (SDR-35). FORCED MAIN SANITARY SEWER PIPE SHALL BE PVC (C-900). SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
3. SEWER SERVICE LATERALS AND MAINS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
6. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
7. ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 UNLESS OTHERWISE NOTED.
8. SANITARY SEWER FORCE MAINS SHALL HAVE A MINIMUM COVER OF 3'-0" EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT FOR SANITARY SEWER FORCE MAIN CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF FITTING.

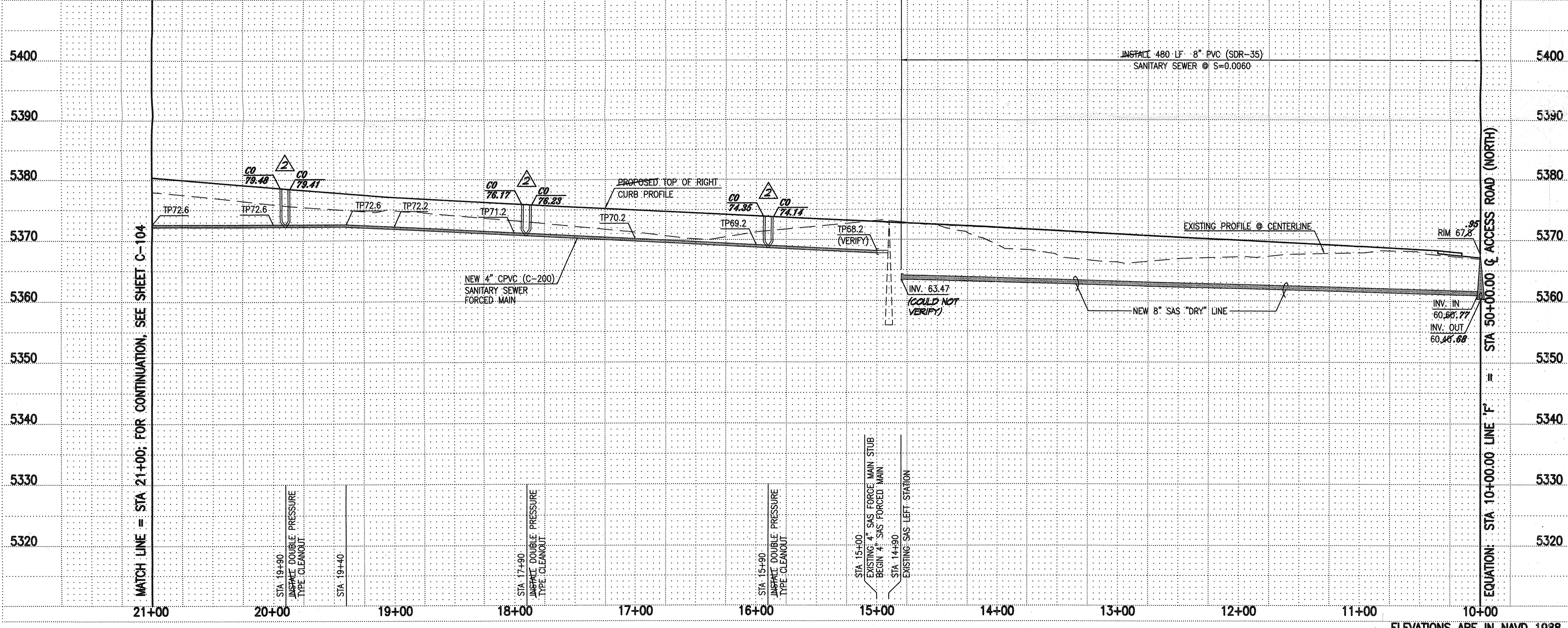
**SURVEY NOTE:**

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP NMPIS NO. 11184, DATED 7/13/07. TOPOGRAPHIC INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP DATED 7/13/07, AND 11/07, NMPIS NO. 11184 WITH RECORD SITE PLAN DATA (FROM APS) DEPICTED IN AREAS OUTSIDE THE TOPOGRAPHIC SURVEY LIMITS.

**RECORD DRAWING LEGEND**

- CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
- 36" 42" RECORD INFORMATION (VERIFIED BY ENGINEER)
- +25.2 RECORD INFORMATION (VERIFIED BY ENGINEER)
- 28.96:42 RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
- 31.8 RECORD INFORMATION FROM AS-BUILT SURVEY
- +26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
- 31.25:22 RECORD INFORMATION FROM AS-BUILT SURVEY

**LINE 'F'**



SCALE:  
 1" = 50' HORIZONTAL  
 1" = 10' VERTICAL

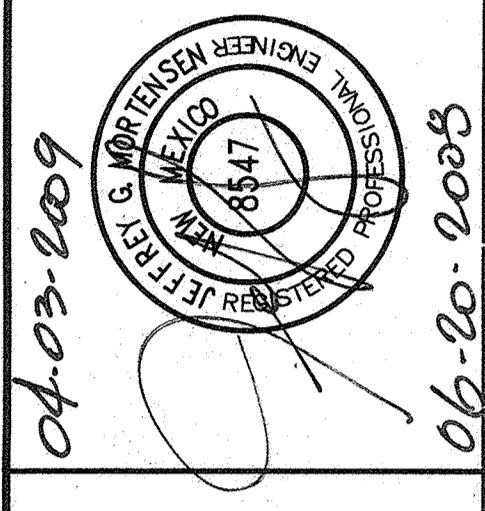
ELEVATIONS ARE IN NAVD 1988

**PRIVATE SANITARY SEWER PLAN AND PROFILE SHEET**

SCALE: 1" = 50'



**HIGH MESA Consulting Group**  
 CONSULTING GROUP  
 FORMERLY HIGH MESA ASSOCIATES, INC.  
 6010-B MIDWAY PARK BLVD. NE  
 ALBUQUERQUE, NEW MEXICO 87109  
 PHONE: 505.345.4250 FAX: 505.345.4254  
 www.highmesacg.com



PRIVATE SANITARY SEWER IMPROVEMENTS BID LOT NO. 1  
 PRIVATE SANITARY SEWER PLAN AND PROFILE: STA 10+00 TO STA 21+00  
 INFRASTRUCTURE IMPROVEMENTS - PROTOTYPE ELEMENTARY SCHOOL NO. 2

| NO. | DATE  | BY  | REVISIONS                        |
|-----|-------|-----|----------------------------------|
| 1   | 01/07 | SRB | RECORD DRAWING AND CERTIFICATION |
| 2   | 11/09 | SRB | ADD SHEET 12                     |

PROJECT No. 2006-186-7  
 DESIGNED BY G.R.B.  
 DRAWN BY CFA/JYR/JLP  
 APPROVED BY J.G.M.  
 SHEET TITLE

PLAN AND PROFILE SHEET

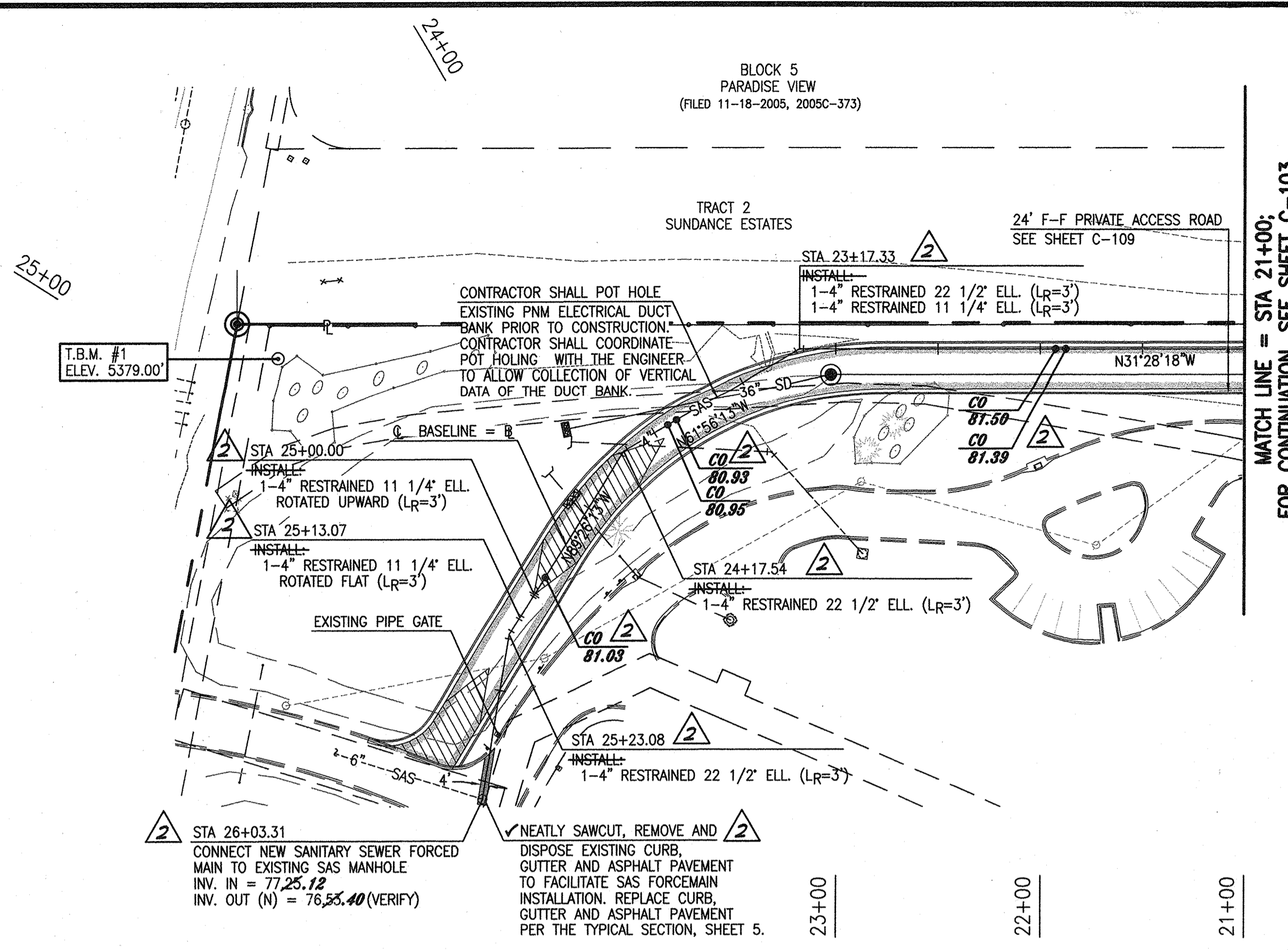
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 SHEET 3 OF 11

**RECORD DRAWING**  
 FOR CERTIFICATION, SEE SHEET 1

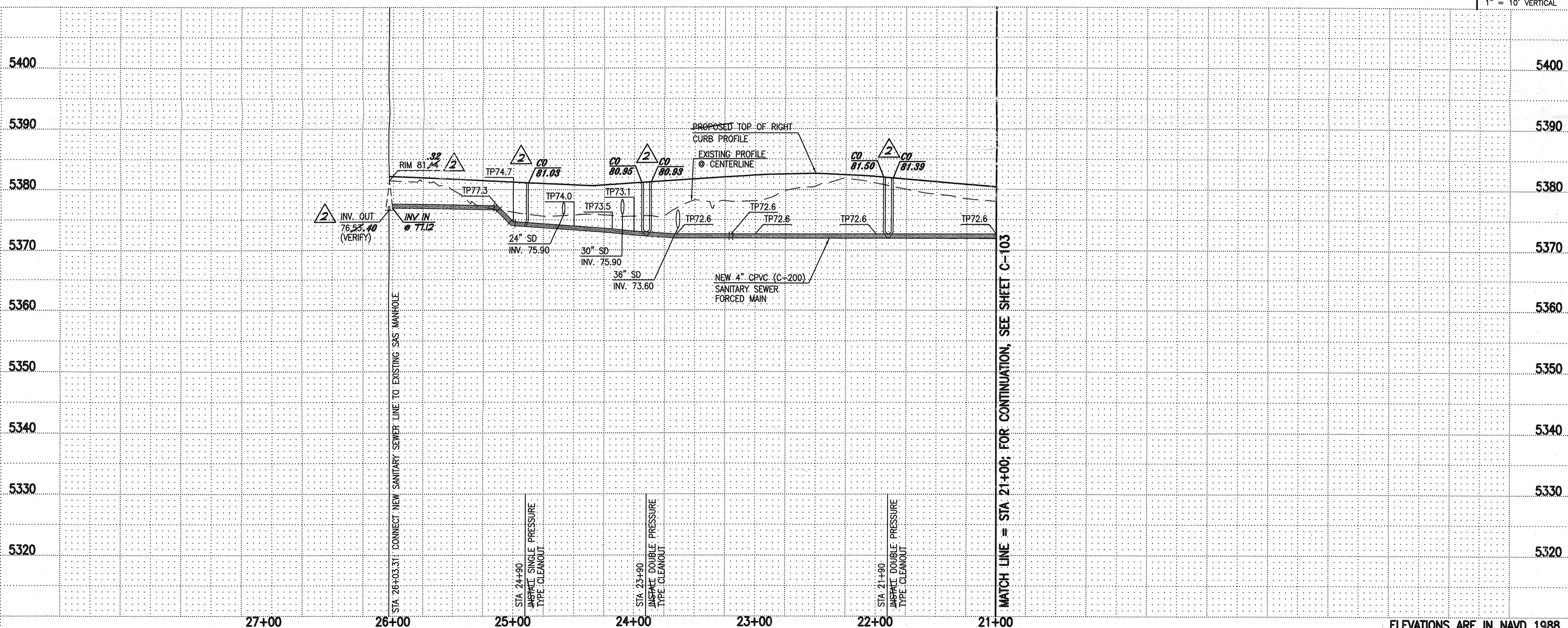
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**(A1) PRIVATE SANITARY SEWER PLAN AND PROFILE SHEET**

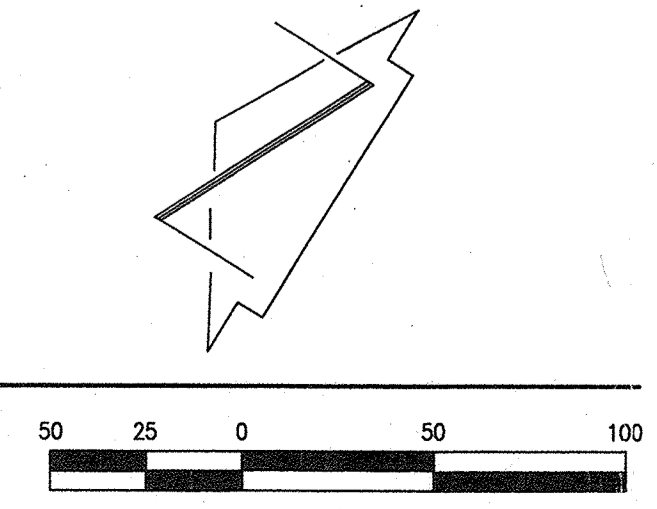
SCALE: 1" = 50'



MATCH LINE = STA 21+00; FOR CONTINUATION, SEE SHEET C-103



ELEVATIONS ARE IN NAVD 1988



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**PROJECT BENCHMARK**

ACS 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 11-810", EPOXIED TO TOP OF NORTH CURB ON PARADISE BOULEVARD N.W., 7 FEET WEST OF THE CENTERLINE OF BIG SAGE N.W. (CENTERLINE EXTENDED TO NORTH CURB LINE USING CENTERLINE MONUMENTS ON BIG SAGE).  
 ELEVATION = 5403.61 FEET (NAVD 88)  
**T.B.M. #1**  
 A REBAR #5 WITH JMA RED CAP STAMPED "NMPS #11184", AS SHOWN ON THIS SHEET.  
 ELEVATION = 5379.00 FEET (NAVD 88)

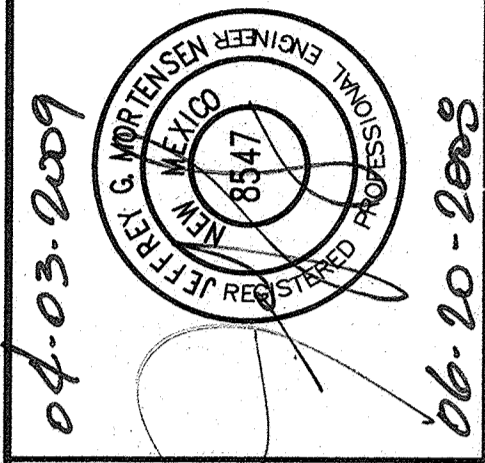
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**RECORD DRAWING LEGEND**

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- ✓ AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
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- +25.2 RECORD INFORMATION (VERIFIED BY ENGINEER)
- ⊙ 28.98.42 RECORD INFORMATION (VERIFIED BY ENGINEER)
- ✓ AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
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- +26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
- ⊙ 31.25.22 RECORD INFORMATION FROM AS-BUILT SURVEY

**HIGH MESA Consulting Group**  
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PRIVATE SANITARY SEWER IMPROVEMENTS BID LOT NO. 1  
 PRIVATE SANITARY SEWER PLAN AND PROFILE: STA 21+00 TO STA 26+03.31  
 INFRASTRUCTURE IMPROVEMENTS - PROTOTYPE ELEMENTARY SCHOOL NO. 2

| NO. | DATE  | BY  | REVISIONS                        |
|-----|-------|-----|----------------------------------|
| 1   | 10/09 | GRB | RECORD DRAWING AND CERTIFICATION |
| 2   | 11/09 | GRB | ADD SHEET 12                     |

PROJECT No. 2006-186.7  
 DESIGNED BY G.R.B.  
 DRAWN BY JYR/JLP  
 APPROVED BY J.G.M.  
 SHEET TITLE

**PLAN AND PROFILE SHEET**

**RECORD DRAWING FOR CERTIFICATION, SEE SHEET 1**



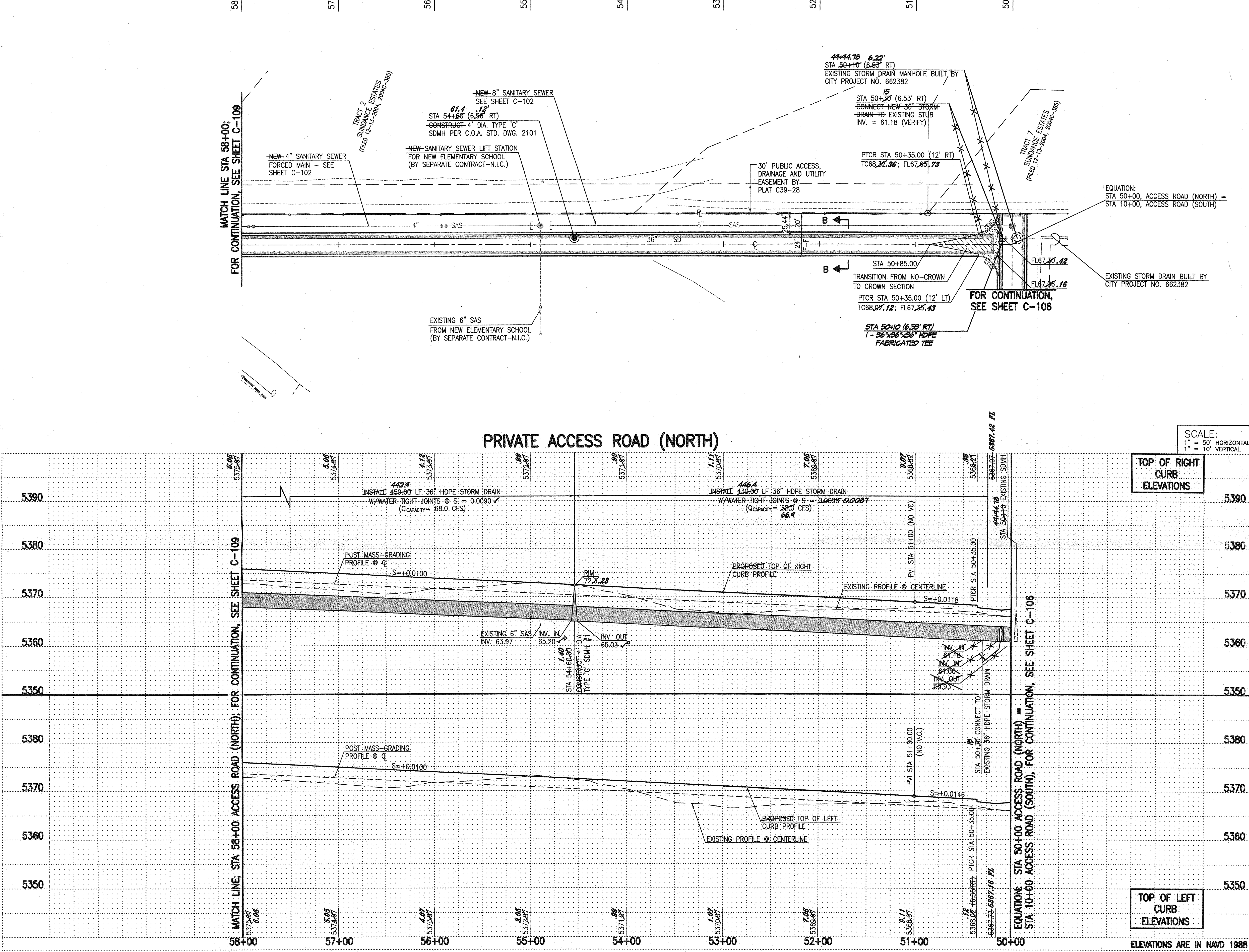


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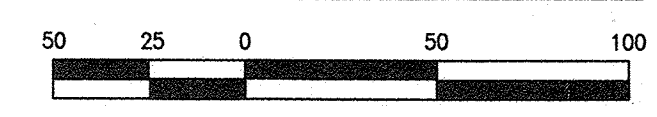
A1

PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE SHEET

SCALE: 1" = 50'



**RECORD DRAWING  
 FOR CERTIFICATION, SEE SHEET 1**



**STREET PAVING IMPROVEMENTS**

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER AND SIDEWALK SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR PER C.O.A. STD. DWGS 2415A AND 2430, RESPECTIVELY, AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
4. ALL WHEELCHAIR WORK MUST BE CONSTRUCTED UNDER THIS CONTRACT.
5. ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
6. STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
7. THESE DRAWINGS INCLUDE THE POST MASS-GRADING PROFILE AT THE CENTERLINE OF ROADWAY. THE CONTRACTOR MUST IMPORT, PLACE AND COMPACT ANY FILL MATERIAL NECESSARY TO CONSTRUCT THE ROAD. THIS WORK MUST BE COMPLETED IN THE GRADING ITEM OF THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.

**PROJECT BENCHMARK**

ACS 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 11-B10", EPOXIED TO TOP OF NORTH CURB ON PARADISE BOULEVARD N.W., 7 FEET WEST OF THE CENTERLINE OF BIG SAGE N.W. (CENTERLINE EXTENDED TO NORTH CURB LINE USING CENTERLINE MONUMENTS ON BIG SAGE).  
 ELEVATION = 5403.61 FEET (NAVD 88)

T.B.M. #1  
 A REBAR #5 WITH JMA RED CAP STAMPED "NMPS #11184", AS SHOWN ON THIS SHEET.  
 ELEVATION = 5379.00 FEET (NAVD 88)

T.B.M. #2  
 A CHISELED "□" AT SOUTHEAST CORNER OF BASKETBALL COURT, AS SHOWN ON THIS SHEET.  
 ELEVATION = 5383.45 FEET (NAVD 88)

**SURVEY NOTE**

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP NMPS NO. 11184, DATED 7/13/07. TOPOGRAPHIC INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP DATED 7/13/07, AND 11/07, NMPS NO. 11184 WITH RECORD SITE PLAN DATA (FROM APS) DEPICTED IN AREAS OUTSIDE THE TOPOGRAPHIC SURVEY LIMITS.

**PAVING LEGEND**

- PROPOSED PERMANENT ASPHALT PAVEMENT
- PROPOSED CONCRETE

**RECORD DRAWING LEGEND**

- CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
- 38' 42" RECORD INFORMATION (VERIFIED BY ENGINEER)
- +25.2 RECORD INFORMATION (VERIFIED BY ENGINEER)
- 28.98' 42" RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
- 31.8 RECORD INFORMATION FROM AS-BUILT SURVEY
- +26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
- 31.25' 22" RECORD INFORMATION FROM AS-BUILT SURVEY

**HIGH MESA Consulting Group**  
 6010-B MIDWAY PARK BLVD. NE  
 ALBUQUERQUE, NEW MEXICO 87109  
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 www.highmesaccg.com

04-03-2009  
 06-20-2008

PRIVATE ACCESS ROADS AND STORM DRAIN IMPROVEMENTS BID LOT NO. 1  
 PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE - STA 50+00 TO STA 58+00  
 INFRASTRUCTURE IMPROVEMENTS - PROTOTYPE ELEMENTARY SCHOOL NO. 2

| NO. | DATE  | BY  | REVISIONS                        |
|-----|-------|-----|----------------------------------|
| 1   | 01/07 | SRB | RECORD DRAWING AND CERTIFICATION |
| 2   | 11/08 | SRB | ADD SHEET 12                     |

PROJECT No. 2006-186-7  
 DESIGNED BY G.R.B.  
 DRAWN BY CFA/JYR/JLP  
 APPROVED BY J.G.M.  
 SHEET TITLE

**PLAN AND PROFILE SHEET**

C-108 15  
 SHEET 8 OF 17

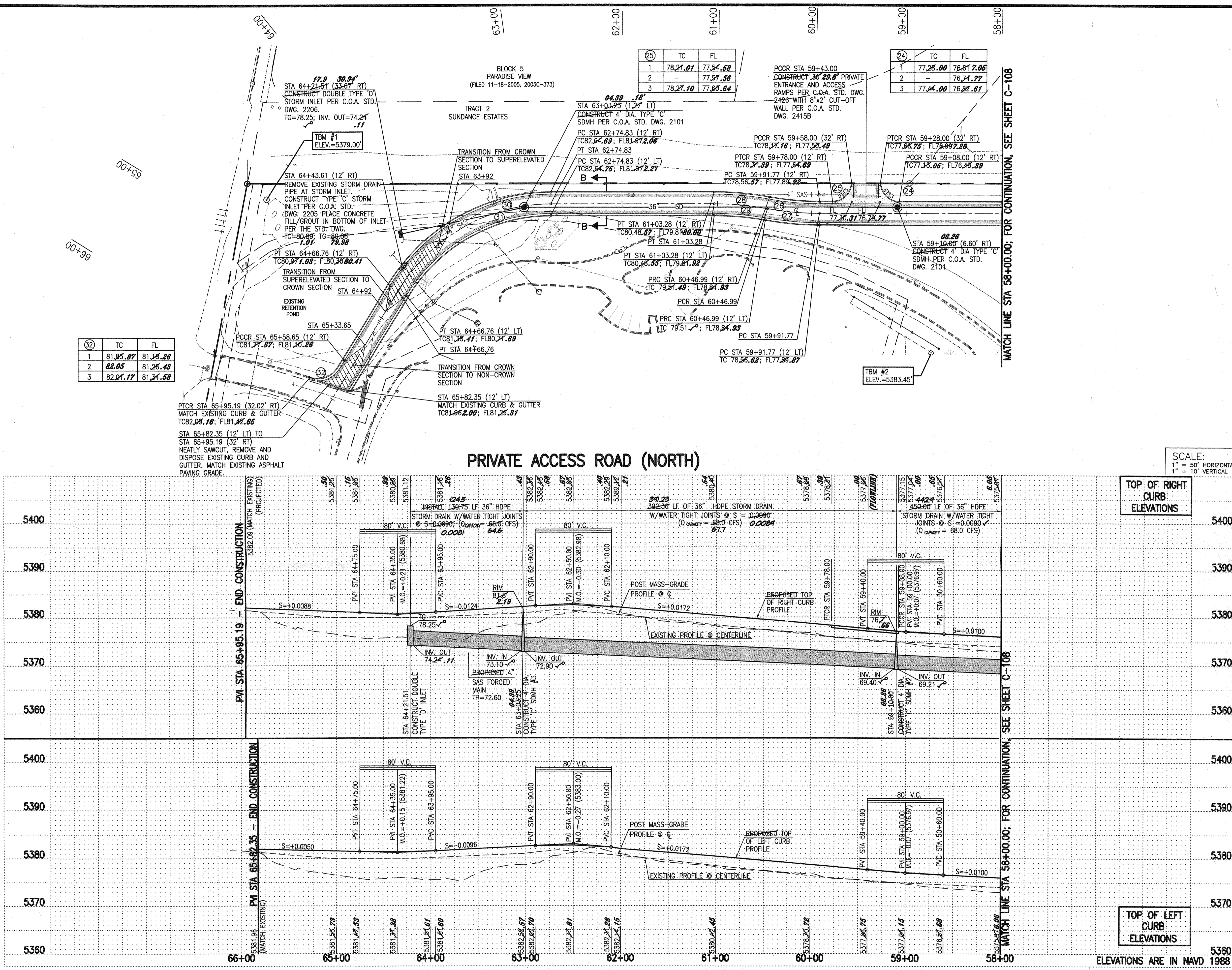
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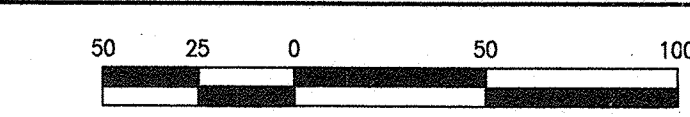
(A1)

PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE SHEET

SCALE: 1" = 50'



**RECORD DRAWING  
 FOR CERTIFICATION, SEE SHEET 1**



STREET PAVING IMPROVEMENTS

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING EXCEPT CUL-DE-SACS AND EYEBROWS WHERE STATIONING IS ALONG FACE-OF-CURB.
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- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- ALL WHEELCHAIR WORK MUST BE CONSTRUCTED UNDER THIS CONTRACT.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
- STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
- THESE DRAWINGS INCLUDE THE POST MASS-GRADING PROFILE AT THE CENTERLINE OF ROADWAY. THE CONTRACTOR MUST IMPORT, PLACE AND COMPACT ANY FILL MATERIAL NECESSARY TO CONSTRUCT THE ROAD. THIS WORK MUST BE COMPLETED IN THE GRADING ITEM OF THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.

PROJECT BENCHMARK

ACS 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 11-810", EPOXIED TO TOP OF NORTH CURB ON PARADISE BOULEVARD N.W., 7 FEET WEST OF THE CENTERLINE OF BIG SAGE N.W. (CENTERLINE EXTENDED TO NORTH CURB LINE USING CENTERLINE MONUMENTS ON BIG SAGE).  
 ELEVATION = 5403.61 FEET (NAVD 88)

**T.B.M. #1**  
 A REBAR #5 WITH JMA RED CAP STAMPED "NMP5 #11184", AS SHOWN ON THIS SHEET.  
 ELEVATION = 5379.00 FEET (NAVD 88)

**T.B.M. #2**  
 A CHISELED "C" AT SOUTHEAST CORNER OF BASKETBALL COURT, AS SHOWN ON THIS SHEET.  
 ELEVATION = 5383.45 FEET (NAVD 88)

SURVEY NOTE:

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CURVE TABLE:

| CURVE | RADIUS | LENGTH  | CHORD   | BEARING     | DELTA     |
|-------|--------|---------|---------|-------------|-----------|
| 24    | 20'    | 31.42'  | 28.23'  | N13°31'42"E | 90°00'00" |
| 25    | 20'    | 31.42'  | 28.28'  | N76°28'18"W | 90°00'00" |
| 26    | 295'   | 53.06'  | 52.98'  | N26°19'10"W | 10°18'16" |
| 27    | 319'   | 57.37'  | 57.29'  | N26°19'10"W | 10°18'16" |
| 28    | 325'   | 58.45'  | 58.37'  | N26°19'10"W | 10°18'16" |
| 29    | 301'   | 54.13'  | 54.06'  | N26°19'10"W | 10°18'16" |
| 30    | 200'   | 204.18' | 195.43' | N60°43'7"W  | 58°29'38" |
| 31    | 176'   | 179.68' | 171.98' | N60°43'7"W  | 58°29'38" |
| 32    | 25'    | 34.63'  | 31.93'  | N50°16'40"W | 79°22'33" |

PAVING LEGEND

- PROPOSED PERMANENT ASPHALT PAVEMENT
- PROPOSED CONCRETE

RECORD DRAWING LEGEND

- CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
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- +25.2 RECORD INFORMATION (VERIFIED BY ENGINEER)
- 28.98.92 RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
- 31.8 RECORD INFORMATION FROM AS-BUILT SURVEY
- +26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
- 31.25.22 RECORD INFORMATION FROM AS-BUILT SURVEY

**HIGH MESA Consulting Group**  
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 www.highmesacg.com

04-03-2009  
 07-07-2008

PRIVATE ACCESS ROADS AND STORM DRAIN IMPROVEMENTS BID LOT NO. 1  
 PRIVATE ACCESS ROAD (NORTH) PLAN AND PROFILE - STA 58+00 TO STA 65+95.19  
 INFRASTRUCTURE IMPROVEMENTS - PROTOTYPE ELEMENTARY SCHOOL NO. 2

| NO. | DATE  | BY  | REVISIONS                        |
|-----|-------|-----|----------------------------------|
| 1   | 01/09 | GRB | RECORD DRAWING AND CERTIFICATION |
| 2   | 11/03 | GRB | ADD SHEET 1/2                    |

PROJECT No. 2006-186-7  
 DESIGNED BY G.R.B.  
 DRAWN BY CFA/JYR/GRB/JLP  
 APPROVED BY J.G.M.  
 SHEET TITLE

PLAN AND PROFILE SHEET  
 C-109 15  
 SHEET 9 OF 11  
 2007.186.3