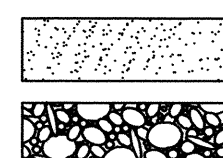


LEGEND

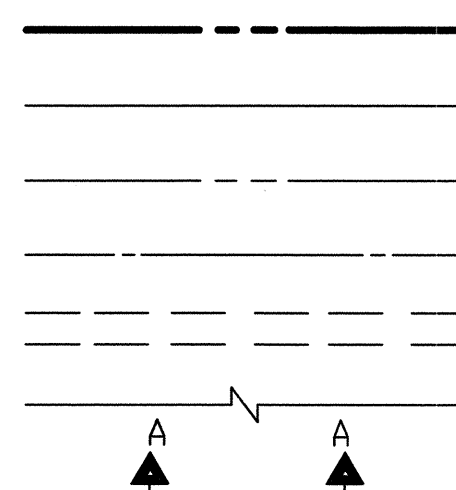
MATERIALS

CONCRETE
RIP-RAP



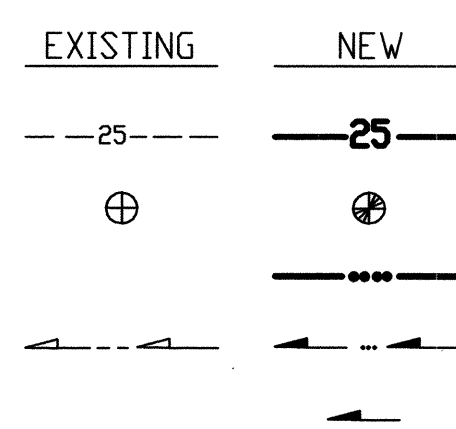
LINES

SUBDIVISION BOUNDARY
PROPERTY LINE (PLAN)
PROPERTY LINE (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE



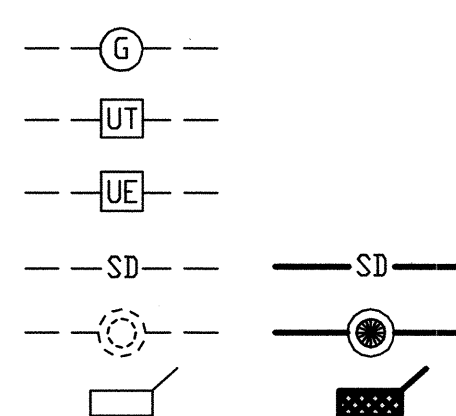
EARTHWORK

CONTOUR LINE
SPOT ELEVATION
PROJECT / PHASE BOUNDARY
FLOWLINE
DIRECTION OF FLOW



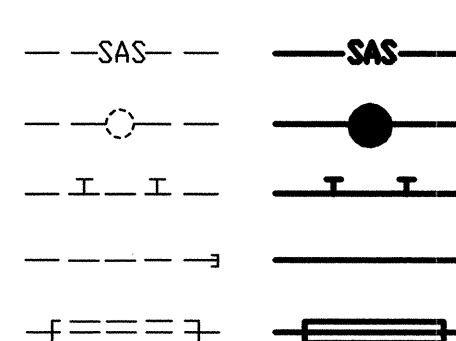
MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET



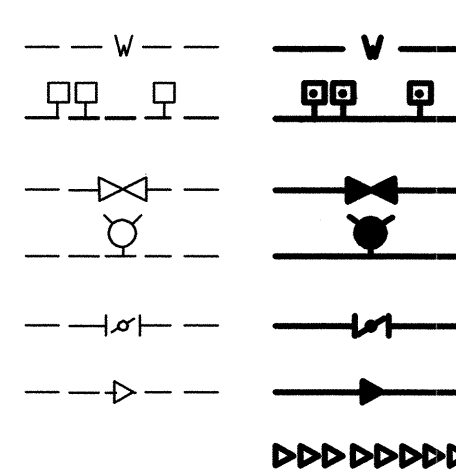
SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT



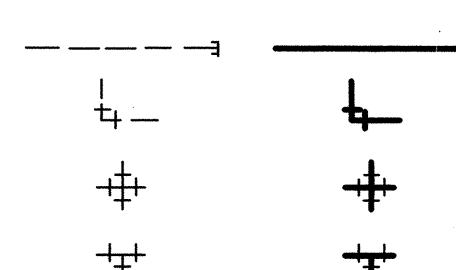
WATER

WATER LINE
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY



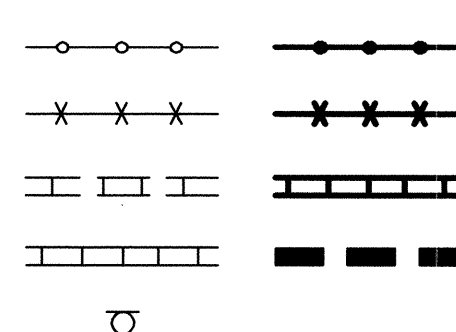
WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE



MISCELLANEOUS

CHAINLINK FENCE
FIELD FENCE
COMMON YARD WALL
RETAINING WALL
POWER OR TELEPHONE POLE

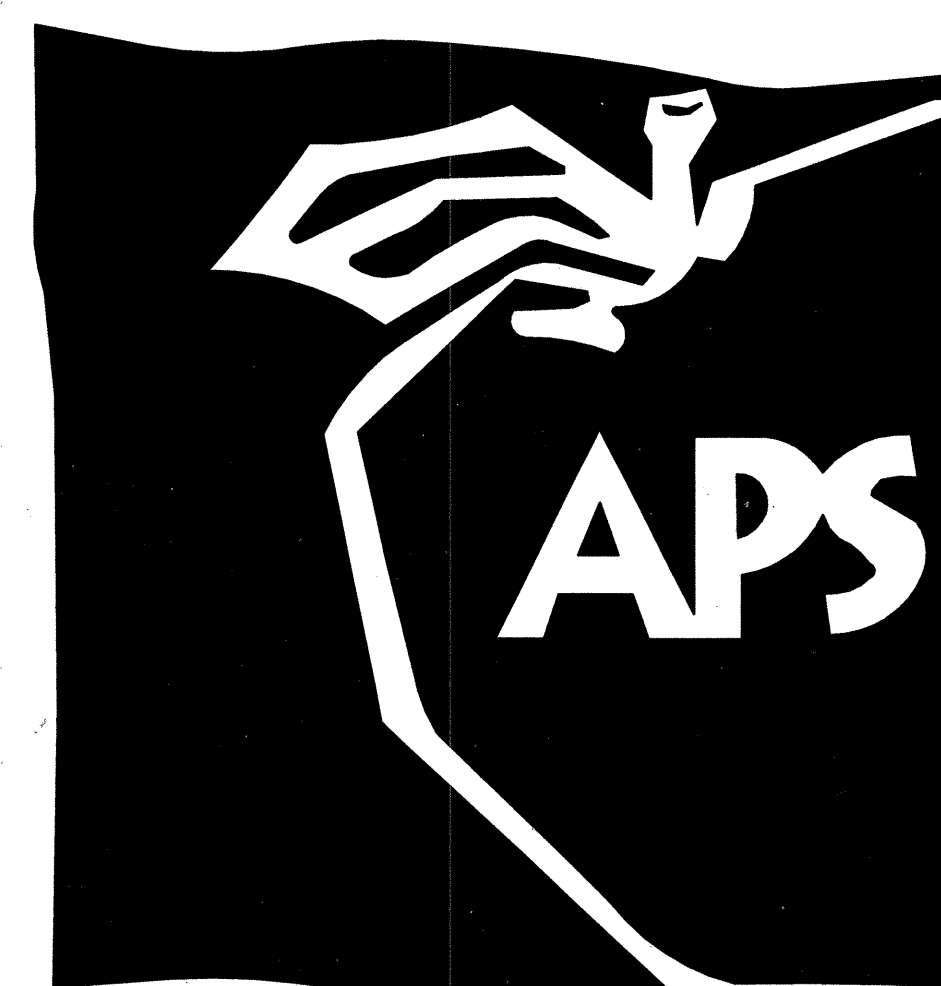


2 3 4 5 6 7 8 9 10 11 12 13 14 15
16-37105-82-08

SCANNED BY
PLANNING

RECORD DRAWING CONSTRUCTION PLANS for

SUSIE RAYOS MARMON ELEMENTARY SCHOOL PUBLIC WATER LINE EXTENSION AND INFRASTRUCTURE IMPROVEMENTS ALBUQUERQUE, NEW MEXICO JULY, 2007



CERTIFICATE OF SUBSTANTIAL COMPLIANCE

I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE INFRASTRUCTURE CONSTRUCTED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR PERSONNEL UNDER MY DIRECT SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE ORIGINAL DESIGN INTENT OF THE CITY ENGINEER APPROVED PLANS DATED 07-31-2007. THE RECORD INFORMATION EDITED ONTO THIS ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR BY PERSONNEL UNDER MY DIRECT SUPERVISION WITH AS-BUILT SURVEY DATA OBTAINED BY JOSEPH M. SOLOMON (NMPS 15075) OF THE FIRM HIGH MESA CONSULTING GROUP AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THESE RECORD DRAWINGS ARE NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE DESIGN INTENT OF THIS PROJECT. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR ACCEPTANCE OF THE PROJECT BY THE CITY ENGINEER.

JEFFREY G. MORTENSEN, NMPE 8547
07-31-2007
DATE



INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2-3	PRELIMINARY PLAN - RECORDED PLAN
4	SITE PLAN
5	LINE 'A' WATER LINE PLAN & PROFILE IMPROVEMENTS STA 9+80 TO STA 13+75
6	LINE 'A' WATER LINE PLAN & PROFILE IMPROVEMENTS STA 13+75 TO STA 17+35
7	LINE 'A' WATER LINE PLAN & PROFILE IMPROVEMENTS STA 17+35 TO STA 20+80
8	LINE 'B' WATER LINE PLAN & PROFILE IMPROVEMENTS STA 20+02 TO STA 22+72
9	72nd STREET DETAILS
10	WATER VALVE SHUT-OFF PLAN; PRIVATE ENTRANCE & FIRE HYDRANT REMOVAL DETAILS

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 12-02-2008



VICINITY MAP
SCALE: 1" = 750'

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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS-PUBLIC WORKS CONSTRUCTION-1986 - UPDATE NO. 7, INCLUDING AMENDMENT #1.
- THREE (3) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 280-1990, (ALBUQUERQUE AREA) 1-800-321-ALERT (2337) (STATEWIDE) FOR LOCATION OF EXISTING PUBLIC UTILITIES AND ABASTO UTILITY LOCATION CO. (888-845-1111) FOR LOCATION OF EXISTING PRIVATE UTILITIES.
- 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 BE RESPONSIBLE FOR 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 ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEEPER FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND CUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE ABCWA WATER SYSTEM DIVISION 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 ABCWA WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATIONS. THE ABCWA WATER SYSTEM DIVISION 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 THE PAVEMENT 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.
- PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY).
- PERMANENT PAVEMENT STRIPING WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 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 WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
- 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 SECURE, ON BEHALF OF THE OWNER AND OPERATORS, "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

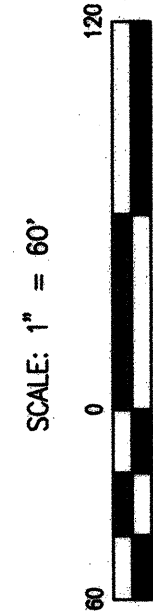
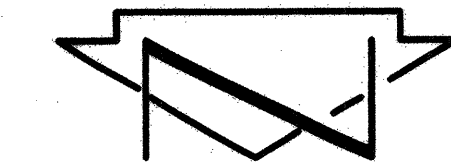
HIGH MESA Consulting Group
FORMERLY JEFF MORTENSEN AND ASSOCIATES, INC.

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
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2006.183.4

△	1-10		07/08						
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE			APPROVALS	ENGINEER	DATE	*****			
			IRC Chairman	<i>Woodall</i>	7-12-07	APPROVED FOR CONSTRUCTION			
			Transportation	<i>apl. ss</i>	8-8-07				
			Water/Wastewater	<i>William G. Baker</i>	8-8-07	<i>[Signature]</i> 11-15-07			
			Hydrology	<i>Kevin G. Chen</i>	8-8-07			City Engineer	Date
			C.I.P.						
			Const. Mngmt.						
Const. Coord.									
			City Project No.			SHEET			
			370582			1 OF			
						10			

SP #2007282267

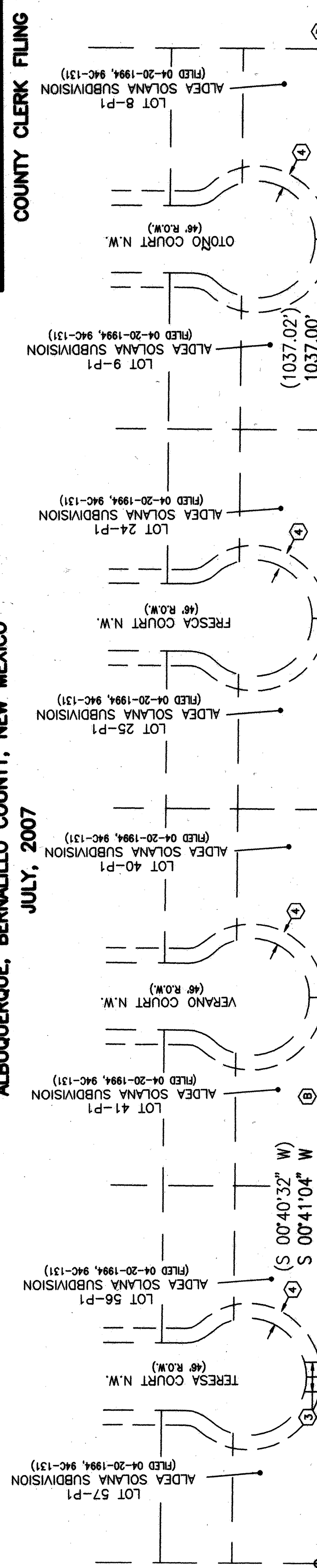


PLAT OF
TRACT A-1
SUSIE RAYOS MARMON ELEMENTARY SCHOOL
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
JULY, 2007

DOCH 2007128521

09/09/2007 11:00 AM Page 3 of 3
Touhanna Bernalillo County

COUNTY CLERK FILING DATA



RECORD DRAWING

HMCg 2006.183.4
CPN 370582

Sheet 3 of 10

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PHONE: 505.345.4280 • FAX: 505.345.4284 • www.highmesacg.com
JOB #2006.184.2 PREPLAT

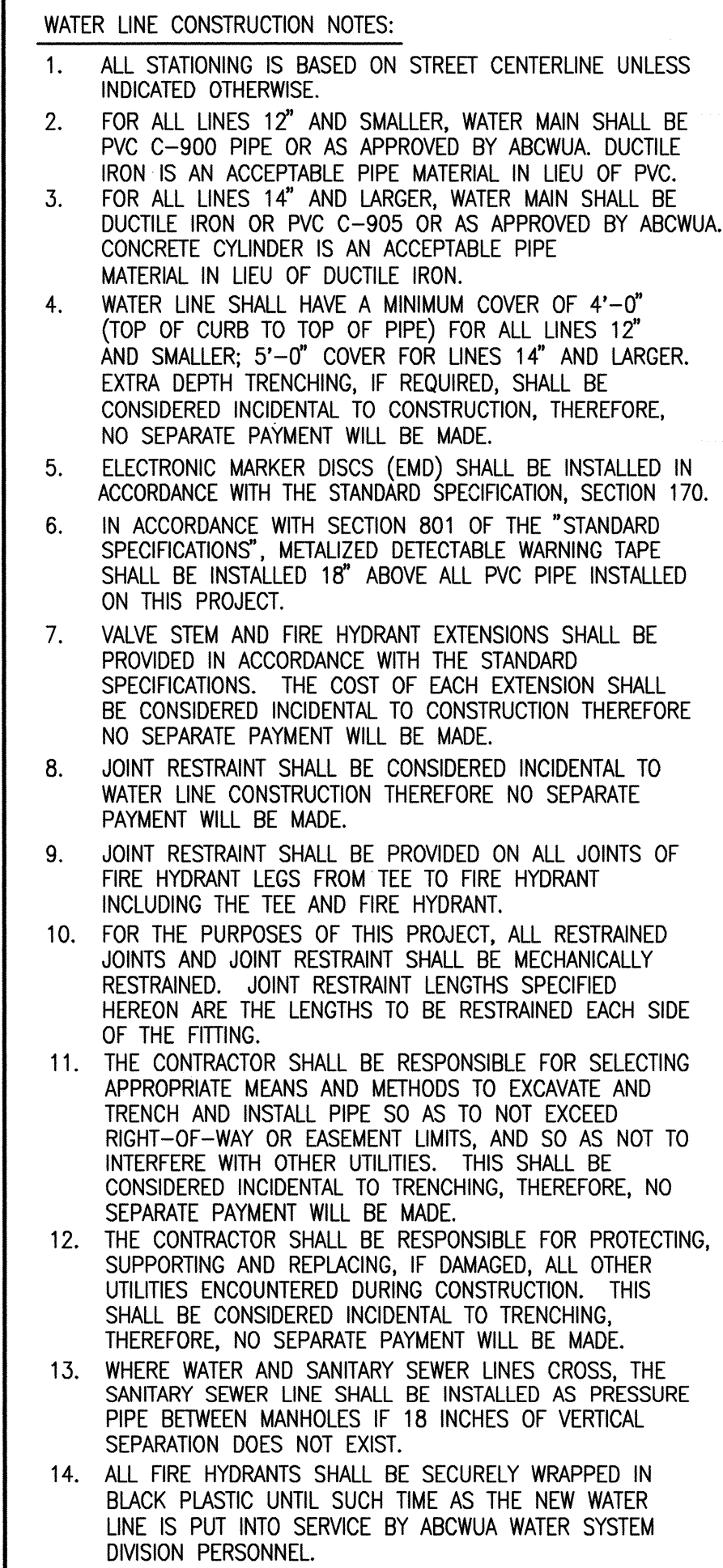
N 00°38'41" E
72ND STREET N.W.
(60' R.O.W.)

986.33'
(986.37')

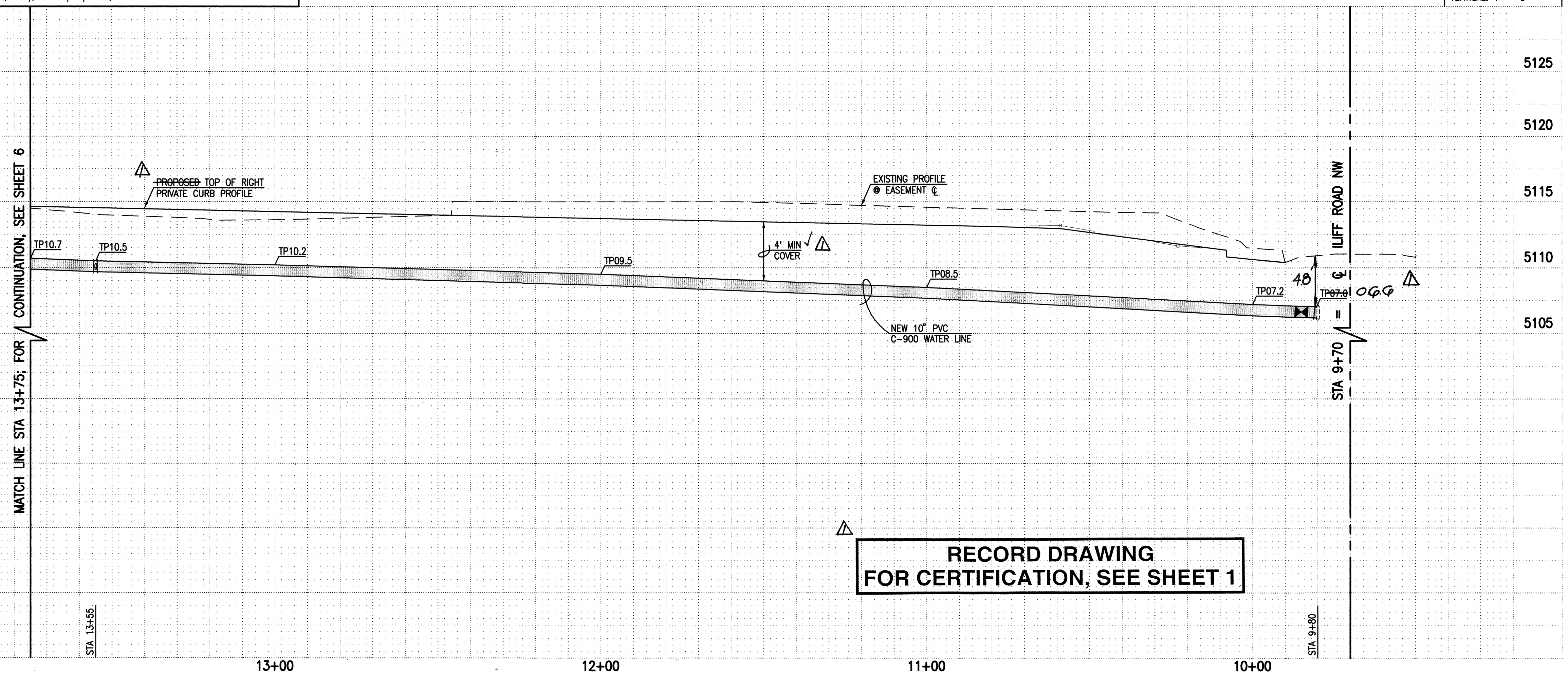
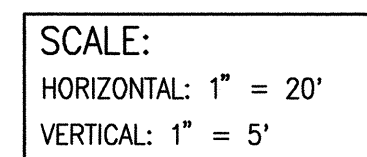
JUNIPER ROAD N.W. (60' R.O.W.)

LIFF ROAD N.W. (60' R.O.W.)

NEW MEXICO CENTRAL ZONE-NAD 1927
A.C.S. STA. 6+10
X=360.389.13
Y=1482.117.23
DELTA ALPHA=-0016'06"
COMBINED FACTOR=0.99987760
ELEVATION=5117.133' (NGVD 29)



LINE 'A'



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

STREET PAVING IMPROVEMENTS:

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON SECTION 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. SIDEWALKS SHOWN HEREON AS "DEFERRED" SHALL BE CONSTRUCTED UNDER SEPARATE PERMIT.
5. ALL WHEELCHAIR WALK WORK MUST BE CONSTRUCTED UNDER THIS WORK ORDER. DETECTABLE WARNING SURFACES (TRUNCATED DUMBS) MUST BE DESIGNED PER ADA GUIDELINES. SUBMIT SURFACE SPECIFICATIONS TO THE CITY ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
6. ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
7. UPON COMPLETION OF CONSTRUCTION, THE CITY OF ALBUQUERQUE WILL PROVIDE AND INSTALL ALL STREET SIGNS.
8. STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.



**HIGH
MESA**
Consulting Group
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2006.183.4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LINE 'A' WATER LINE
PLAN & PROFILE IMPROVEMENTS STA 9+80 TO STA 13+75
SUSIE RAYOS MARMON ELEMENTARY SCHOOL

[illegible]

ELEVATIONS ARE NGVD 1929

b. 370582

Zone Map No.
H-10

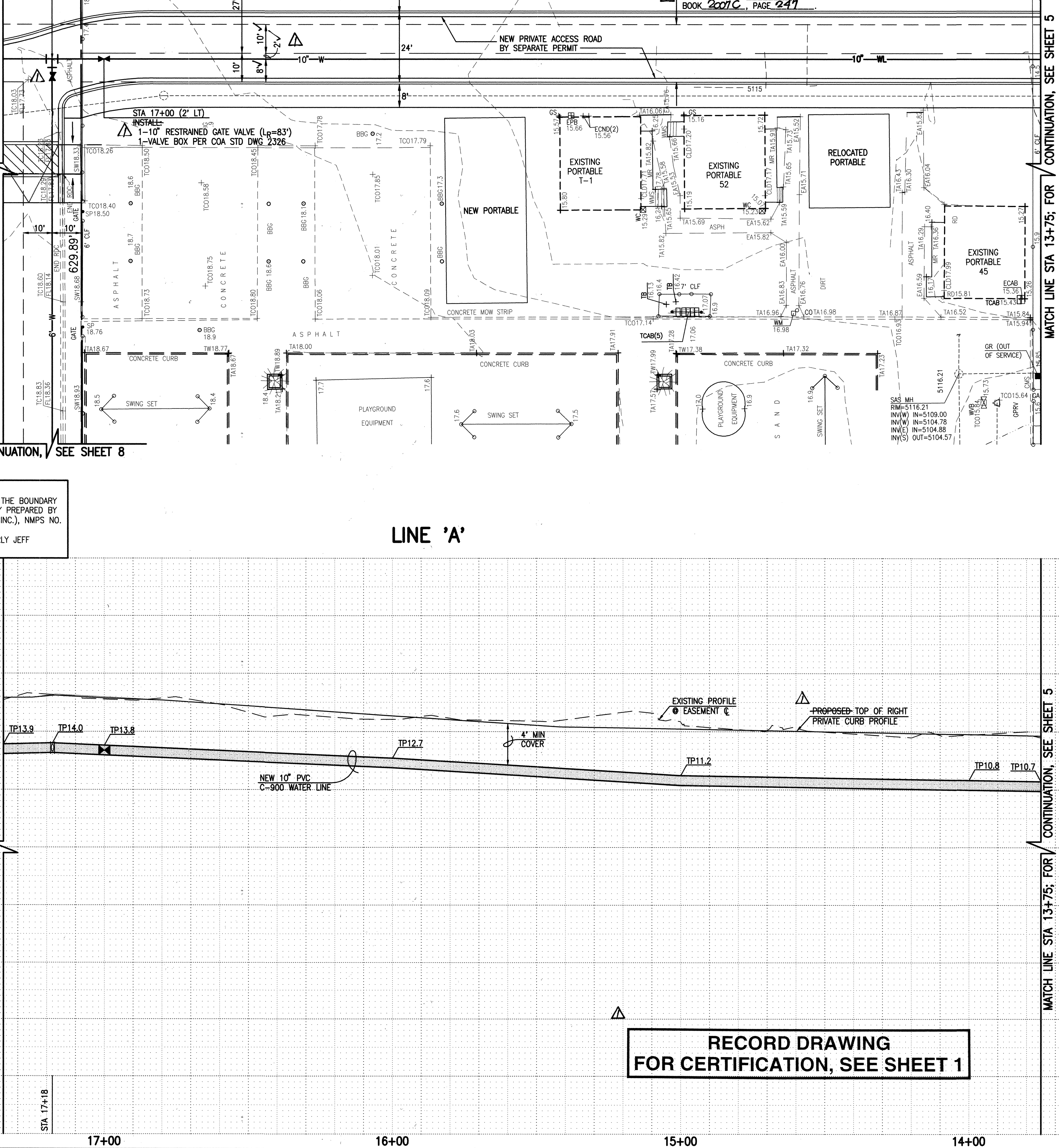
Sheet 5 Of 10

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 (FORMERLY JEFF MORTENSEN & ASSOCIATES, INC.), NMPS NO. 11184, DATED 01/02/2007. TOPOGRAPHIC INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP (FORMERLY JEFF MORTENSEN & ASSOCIATES, INC.), ON 01/02/2007, NMPS NO. 11184.

LINE 'A'

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

MATCH LINE STA 17+35; FOR CONTINUATION, SEE SHEET 7



MATCH LINE STA 13+75; FOR CONTINUATION, SEE SHEET 5

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

ELEVATIONS ARE NGVD 1929

WATER LINE CONSTRUCTION NOTES:

- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
- FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY ABCWA. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
- FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-905 OR AS APPROVED BY ABCWA. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4'-0" (TOP OF CURB TO TOP OF PIPE) FOR ALL LINES 12" OR SMALLER; 5'-0" MINIMUM COVER FOR LINES 14" OR LARGER. EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
- IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
- VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
- 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 THE FITTING.
- 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.
- 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.
- 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.
- ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY ABCWA WATER SYSTEM DIVISION PERSONNEL.

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.
- 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.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- SIDEWALKS SHOWN HEREON AS "DEFERRED" SHALL BE CONSTRUCTED UNDER SEPARATE PERMIT.
- ALL WHEELCHAIR WORK MUST BE CONSTRUCTED UNDER THIS WORK ORDER. DETECTABLE WARNING SURFACES (TRUNCATED DUMPS) MUST BE DESIGNED PER ADA GUIDELINES. SUBMIT SURFACE SPECIFICATIONS TO THE CITY ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
- UPON COMPLETION OF CONSTRUCTION, THE CITY OF ALBUQUERQUE WILL PROVIDE AND INSTALL ALL STREET SIGNS.
- STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.

HIGH MESA
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2006.183.4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **LINE 'A' WATER LINE
PLAN & PROFILE IMPROVEMENTS STA 13+75 TO STA 17+35
SUSIE RAYOS MARMON ELEMENTARY SCHOOL**

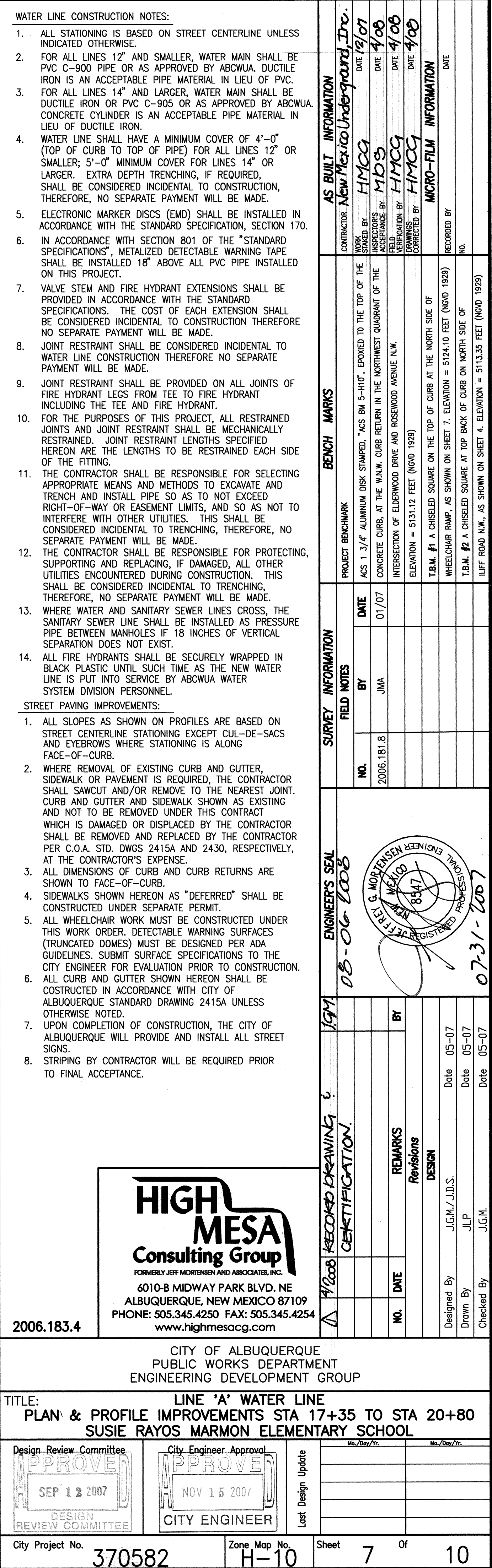
Design Review Committee	City Engineer Approval	Update
APPROVED SEP 12 2007 DESIGN REVIEW COMMITTEE	NOV 15 2007 CITY ENGINEER	

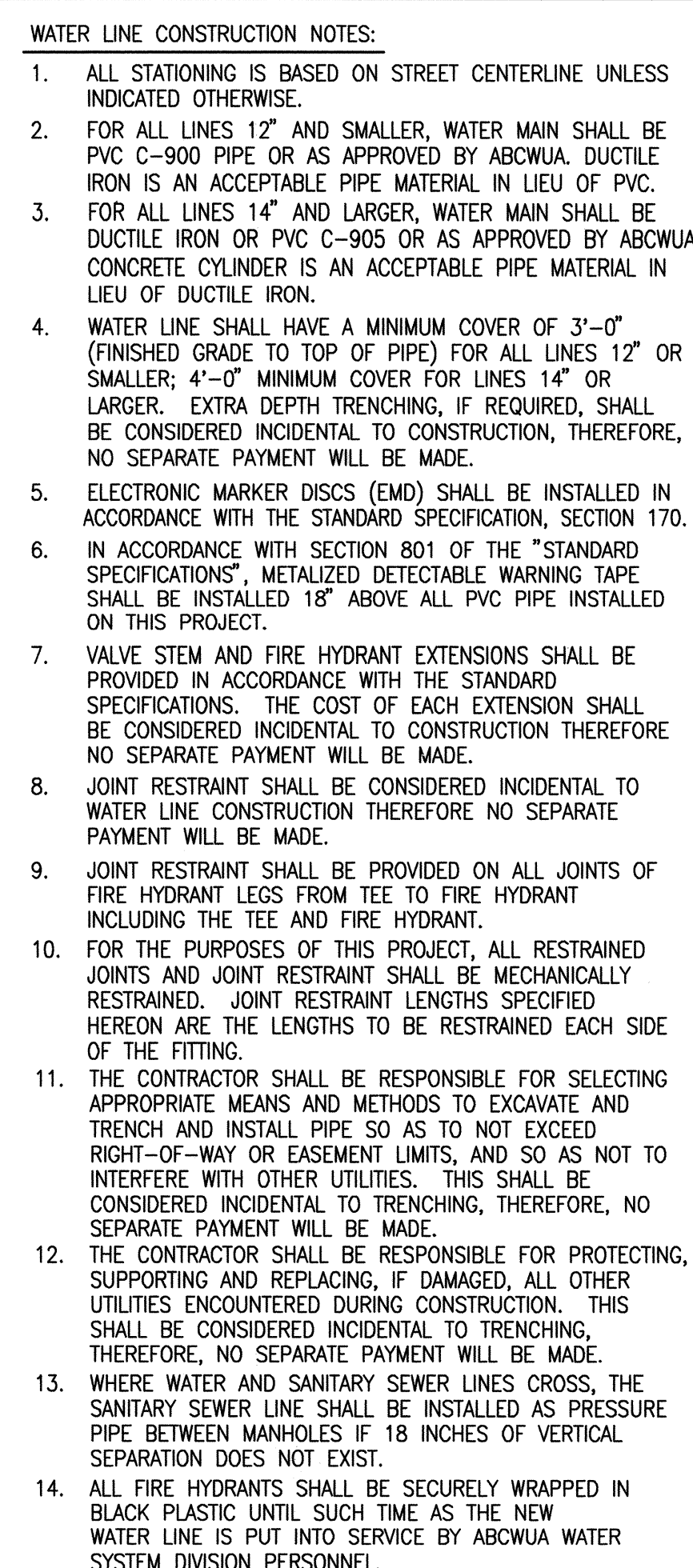
City Project No. **370582** Zone Map No. **H-10** Sheet **6** Of **10**

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	PROJECT BENCHMARK	WORK MARK	CONTRACTOR	DATE
2006.181.8	01/07	AS 1 3/4" ALUMINUM DISK STAMPED, "AS BN 5-HIT", EXPOSED TO THE TOP OF THE CONCRETE CURB, AT THE W.N.W. CURB RETURN IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF ELDERWOOD DRIVE AND ROSEWOOD AVENUE N.W.		CONTRACTOR: New Meso Undergrad, ITC	DATE: 11/20/07
				ASSISTED BY: HMCG	DATE: 11/20/07
				FIELD NOTES BY: HMCG	DATE: 11/20/07
				REVISIONS BY: HMCG	DATE: 11/20/07
				CORRECTED BY: HMCG	DATE: 11/20/07
				RECORDED BY: HMCG	DATE: 11/20/07

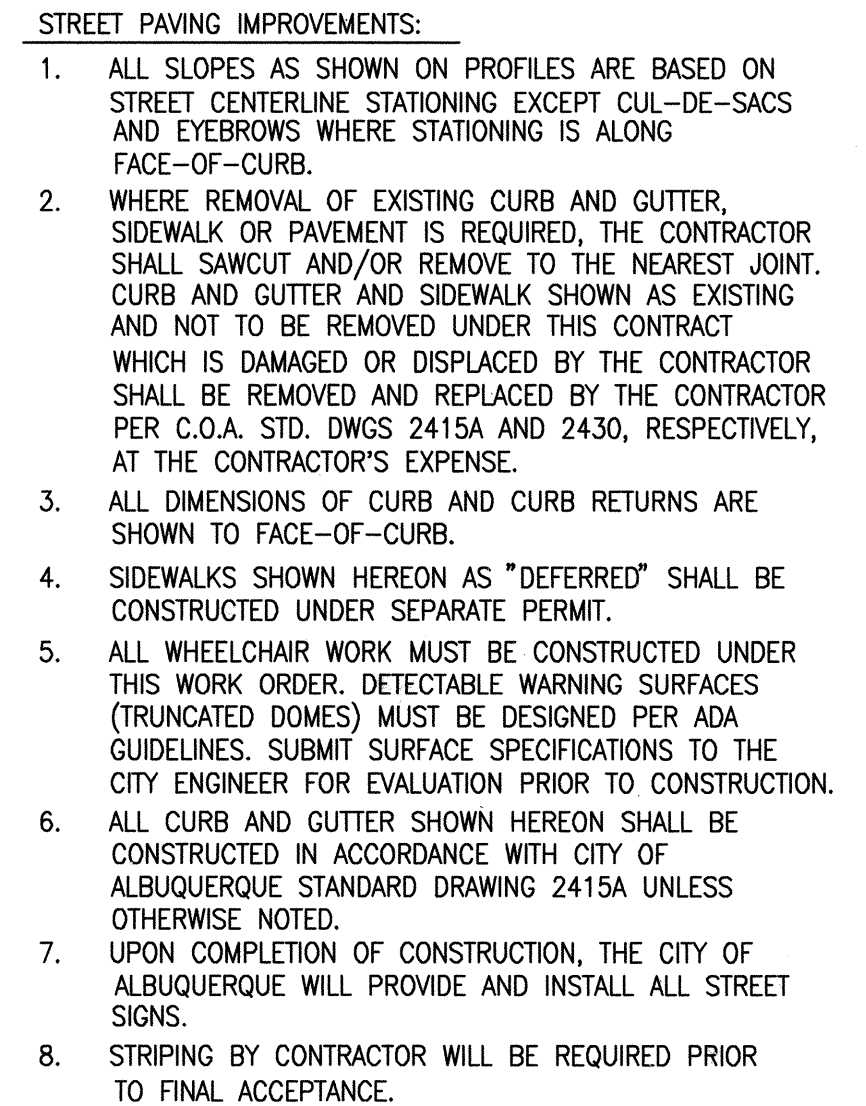
ENGINEER'S SEAL
08-06-2008
07-31-2007

REMARKS	BY	DATE
Revisions		
DESIGN		
Designed By: J.C.M./J.D.S.		05-07
Drawn By: JLP		05-07
Checked By: J.C.M.		05-07



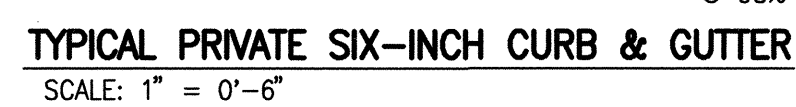
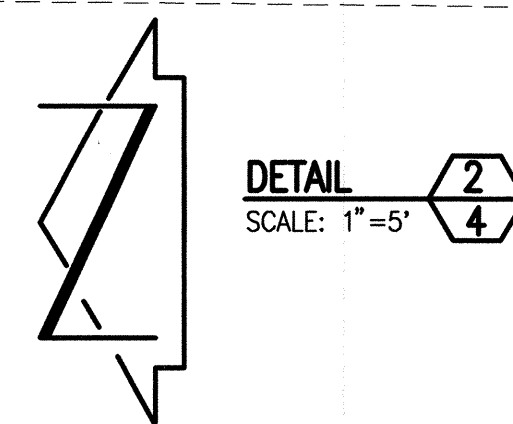
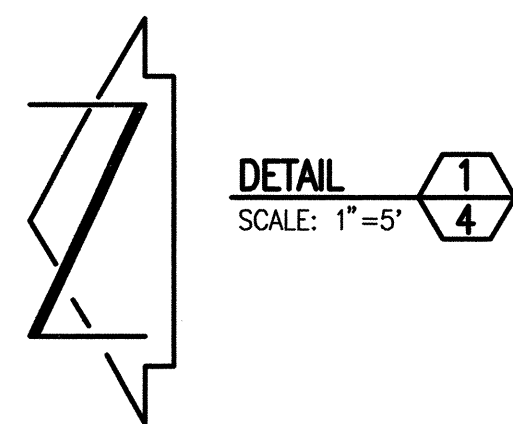


SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'



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ELEVATIONS ARE NGVD 1929	City Project No. 370582	Zone Map No. H-10	Sheet 8	Of 10
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WATER LINE CONSTRUCTION NOTES:

1. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC, C-900 PIPE OR AS APPROVED BY ABCWUA. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
2. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-900 PIPE AS APPROVED BY ABCWUA. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE) FOR ALL LINES 12" OR SMALLER; 4'-0" MINIMUM COVER FOR LINES 14" OR LARGER. EXTRA DEPT. TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
4. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
5. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
6. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
7. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
9. 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 THE FITTING.
10. 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.
11. 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.
12. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE WITH MINIMUM 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
13. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY ABCWUA WATER SYSTEM DIVISION PERSONNEL.

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

2006.183.4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: 72nd STREET DETAILS
PUBLIC WATER LINE EXTENSION & INFRASTRUCTURE IMPROVEMENTS
SUSIE RAYOS MARMON ELEMENTARY SCHOOL

Design Review Committee
APPROVED
SEP 12 2007
DESIGN
REVIEW COMMITTEE

City Engineer Approval

APPROVED

NOV 15 2007

CITY ENGINEER

City Project No.	370582	Zone Map No.	H-10	Sheet	9	Of	10
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CONSTRUCT MULTI-DIRECTIONAL
WHEELCHAIR ACCESS RAMP W/HEADER
CURB @ BACK OF RAMP PER COA
STD DWG 2441, TYP. OF 2.
INSTALL TACTILE WARNING SURFACE
(TRUNCATED DOMES), 24" WIDE x FULL
WIDTH OF WHEELCHAIR RAMP OPENING

INSTALL:
1-SIGN POST W/DO NOT ENTER
SIGN (R5-1)

FOR CONTINUATION, SEE SHEET 5

PAINT LEFT TURN ARROW
& RIGHT TURN ARROW
W/WHITE TRAFFIC PAINT,
2 COATS MIN., TYP.

INSTALL
1-SIGN POST
W/DO NOT ENTER
SIGN (R5-1)
SE PROPERTY
CORNER

PROPOSED 4' PUBLIC
SIDEWALK EASEMENT
FILED 08-06-2007
BOOK 207C, PAGE 247

CONSTRUCT 6" CONCRETE VALLEY
GUTTER @ 2% MAX SLOPE
W/FILLETS PER COA STD DWG 2426

NEW PRESSURE
CONNECTION, SEE
SHEET 5

ILIFF ROAD N.W.

DETAIL 3
SCALE: 1"=5'

STREET PAVING IMPROVEMENTS:

- 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.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- ALL WHEELCHAIR WORK MUST BE CONSTRUCTED UNDER THIS WORK ORDER. DETECTABLE WARNING SURFACES (TRUNCATED DOMES) MUST BE DESIGNED PER ADA GUIDELINES. SUBMIT SURFACE SPECIFICATIONS TO THE CITY ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWING 2415A UNLESS OTHERWISE NOTED.
- DEVELOPER SHALL BE RESPONSIBLE FOR STRIPING, MARKING & SIGNAGE PRIOR TO FINAL ACCEPTANCE, THEREFORE SHALL BE INSTALLED AS PART OF THIS CONTRACT

WATER VALVE SHUTOFF PLAN
SCALE: 1"=300'

H-10

WATER VALVE SHUTOFF PLAN NOTES:

- AT A MINIMUM, THE FOLLOWING VALVES MAY NEED TO BE CLOSED TO FACILITATE THE PROPOSED PRESSURE CONNECTIONS:
 - CONNECTION #1; VALVES #853, 869 & 1103
 - CONNECTION #2; VALVES #1002 & 1010
 - CONNECTION #3; VALVES #794, 795, 796 & 1004
 - CONNECTION #4; VALVES #794, 795, 796 & 1004
- AT A MINIMUM, THE FOLLOWING VALVE SHALL BE CLOSED TO FACILITATE THE PROPOSED NON-PRESSURE CONNECTION:
 - CONNECTION #5; VALVE #796
- ABQWUA WATER SYSTEM DIVISION PERSONNEL SHALL PERFORM ALL SHUTOFFS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES THAT MAY AFFECT SYSTEM OPERATIONS.
- THE CONTRACTOR SHALL REQUEST A WATER SHUTOFF IN WRITING, A MINIMUM OF SEVEN (7) DAYS IN ADVANCE PER STANDARD CITY OF ALBUQUERQUE & ABQWUA PROCEDURES.
- WITHIN FIVE (5) DAYS AFTER RECEIPT OF CONTRACTOR'S SHUTOFF REQUEST, TRIAL SHUTOFFS WILL BE CONDUCTED. CITY TO FURNISH LABOR AND APPURTENANCES NECESSARY TO VERIFY COMPLETENESS OF SHUTOFFS.
- THE CONTRACTOR SHALL HAVE ALL FITTINGS, MATERIALS AND EQUIPMENT ON SITE PRIOR TO VALVE SHUTOFF. ALL EXCAVATION SHALL BE COMPLETE EXCEPT AS NECESSARY TO MAINTAIN SAFE SYSTEM OPERATION WHILE UNDER PRESSURE.
- THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
- EXISTING WATER VALVE AND WATER LINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, MAP GRID H-10
- AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT ABQWUA WATER SYSTEM DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	80 P. NMUI	PROJECT BENCHMARK	AS 1 1/2" ALUMINUM DISK STAMPED, "AS BUILT 5-HIT, EVIDENCED TO THE TOP OF THE CONCRETE CURB AT THE W.N.W. CURB RETURN IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF ELDERWOOD DRIVE AND ROSEWOOD AVENUE N.W. ELEVATION = 5131.12 FEET (NGVD 1929)	DATE	01/07	DATE	08-06-2008
WORK SPONSORED BY	HMCQ	DATE	01/07	BY	JMA	DATE	01/07
FIELD APPROVED BY	HMCQ	DATE	01/07	NO.	2006.181.8	DATE	01/07
DRAWINGS CORRECTED BY	HMCQ	DATE	01/07	REVISIONS		DATE	01/07
RECORDED BY	HMCQ	DATE	01/07	DESIGNED BY	JCM/J.D.S.	DATE	05-07
NO.		DATE	01/07	DRAWN BY	JLP	DATE	05-07
		DATE	01/07	CHECKED BY	JCM	DATE	05-07

NOTE: REMOVAL OF THE FIRE HYDRANT (DETAIL 4) WILL CONVERT THE 8" WATER LINE W/IN THE SITE TO AN UNMETERED FIRE PROTECTION LINE

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 (FORMERLY JEFF MORTENSEN & ASSOCIATES, INC.), NMPS NO. 11184, DATED 01/02/2007. TOPOGRAPHIC INFORMATION IS BASED UPON A TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP (FORMERLY JEFF MORTENSEN & ASSOCIATES, INC.), ON 01/02/2007, NMPS NO. 11184.

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2006.183.4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: WATER VALVE SHUTOFF PLAN; PRIVATE ENTRANCE & FIRE HYDRANT REMOVAL DETAILS
PUBLIC WATER LINE EXTENSION & INFRASTRUCTURE IMPROVEMENTS
SUSIE RAYOS MARION ELEMENTARY SCHOOL

Design Review Committee
APPROVED
SEP 13 2007
REDESIGN COMMITTEE

City Engineer Approval
APPROVED
NOV 15 2007
CITY ENGINEER

City Project No. 370582
Zone Map No. H-10
Sheet 10 of 10

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1