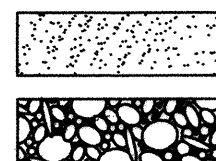


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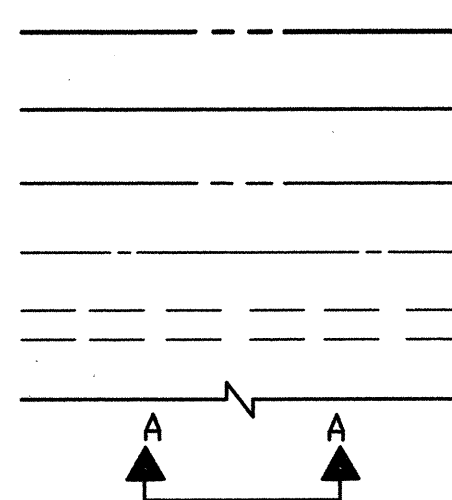
MATERIALS

CONCRETE
RIP-RAP



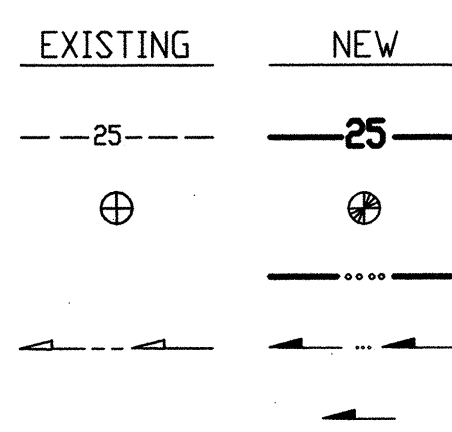
LINES

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



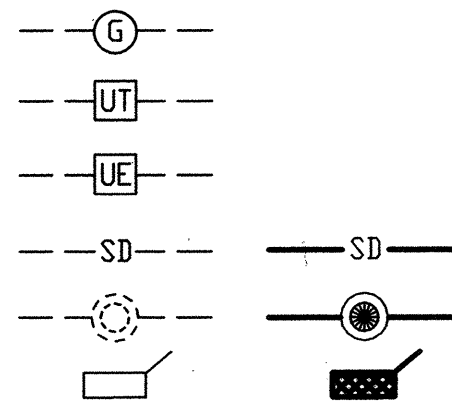
EARTHWORK

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



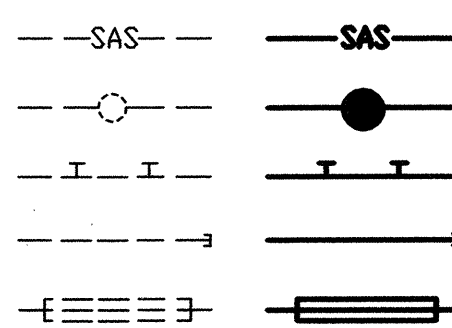
MISCELLANEOUS UTILITIES

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



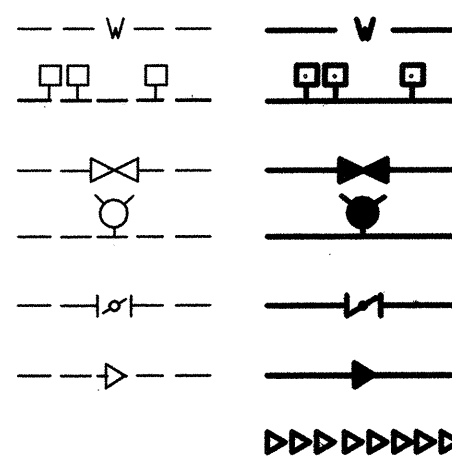
SANITARY SEWER

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



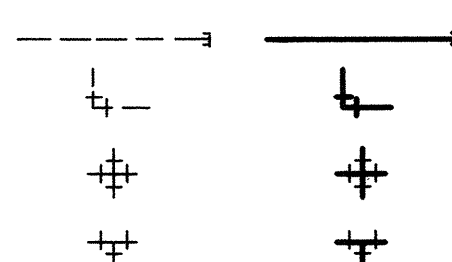
WATER

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



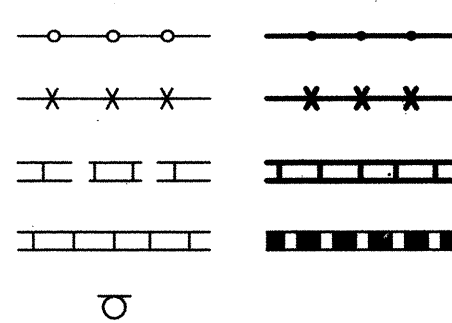
WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE



MISCELLANEOUS

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



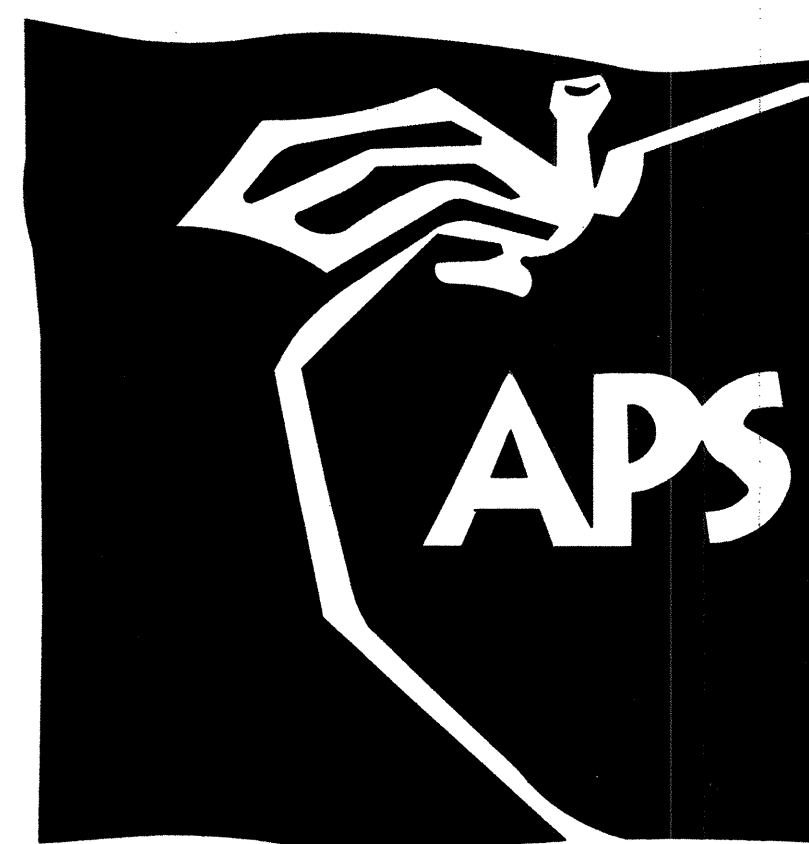
SCANNED BY
PLANNING

2 3 4 5 6 7 8 9 10 11 12 13 14 15
216-7585-112-2010

CONSTRUCTION PLANS for TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

ALBUQUERQUE, NEW MEXICO

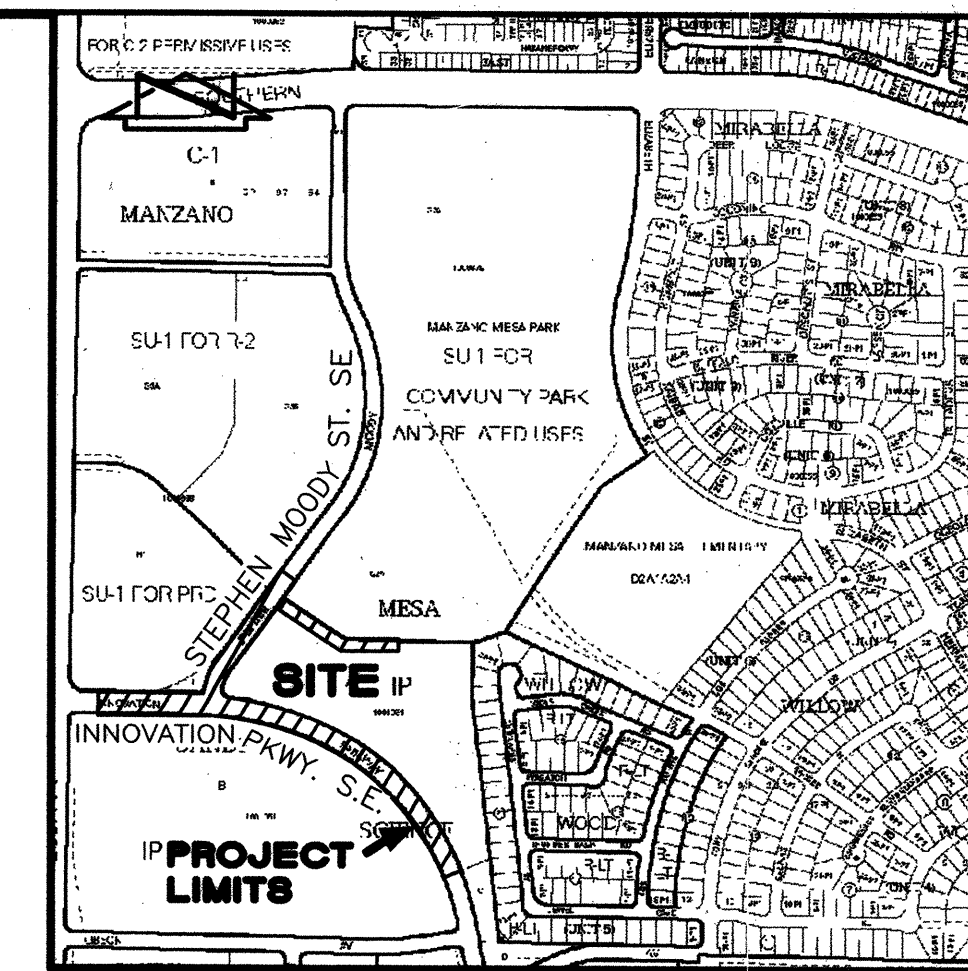
APRIL, 2009



INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2, 3	RECORD PLAT
PAVING AND STREET LIGHT IMPROVEMENTS	
4	OVERALL PAVING PLAN
5	PAVING SECTIONS AND DETAILS
6	INNOVATION PARKWAY S.E. - STA 12+13.07 TO STA 17+50.00
7	INNOVATION PARKWAY S.E. - STA 17+50.00 TO STA 24+50.00
8	INNOVATION PARKWAY S.E. - STA 24+50.00 TO STA 30+48.10
9	STEPHEN MOODY STREET S.E. - STA 10+00.00 TO STA 15+34.62
10	INNOVATION PARKWAY S.E. - STA 10+93.56 TO STA 17+00.00 - STRIPING & SIGNAGE PLAN - STA 23+00.00 TO STA 26+50.00 - STRIPING & SIGNAGE PLAN
PUBLIC AND PRIVATE WATER AND SANITARY SEWER IMPROVEMENTS	
11	OVERALL WATER AND SANITARY SEWER PLAN; WATER VALVE SHUTOFF PLAN
12	INNOVATION PARKWAY S.E. PUBLIC AND PRIVATE WATER LINE IMPROVEMENTS - STA 16+94.93 TO STA 24+50.00
13	INNOVATION PARKWAY S.E. PUBLIC WATER LINE IMPROVEMENTS - STA 24+50.00 TO STA 31+13.23
14	STEPHEN MOODY STREET S.E. PUBLIC WATER LINE AND SANITARY SEWER IMPROVEMENTS - STA 10+00.00 TO STA 15+19.12
15	LINE 'A' PRIVATE WATER LINE IMPROVEMENTS - STA 10+00.00 TO STA 14+67.61

RECORD DRAWING



VICINITY MAP
SCALE: 1" = 750'
L-21

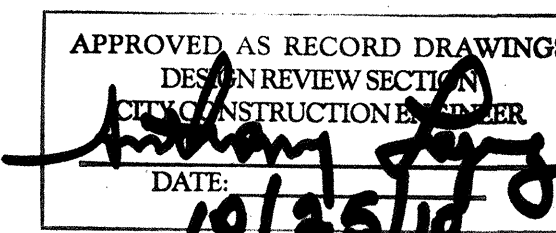
GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS-PUBLIC WORKS CONSTRUCTION-1986-UPDATE NO. 7, INCLUDING AMENDMENT #1.
- 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, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE 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 OR PER COA STANDARD DRAWING 2465, WHICHEVER IS MORE STRINGENT.
- 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 DEEPER 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 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.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION 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.
- ANY PERMANENT PAVEMENT MARKINGS DAMAGED OR DESTROYED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE. PAVEMENT MARKING REPLACEMENT IS INCIDENTAL, THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE

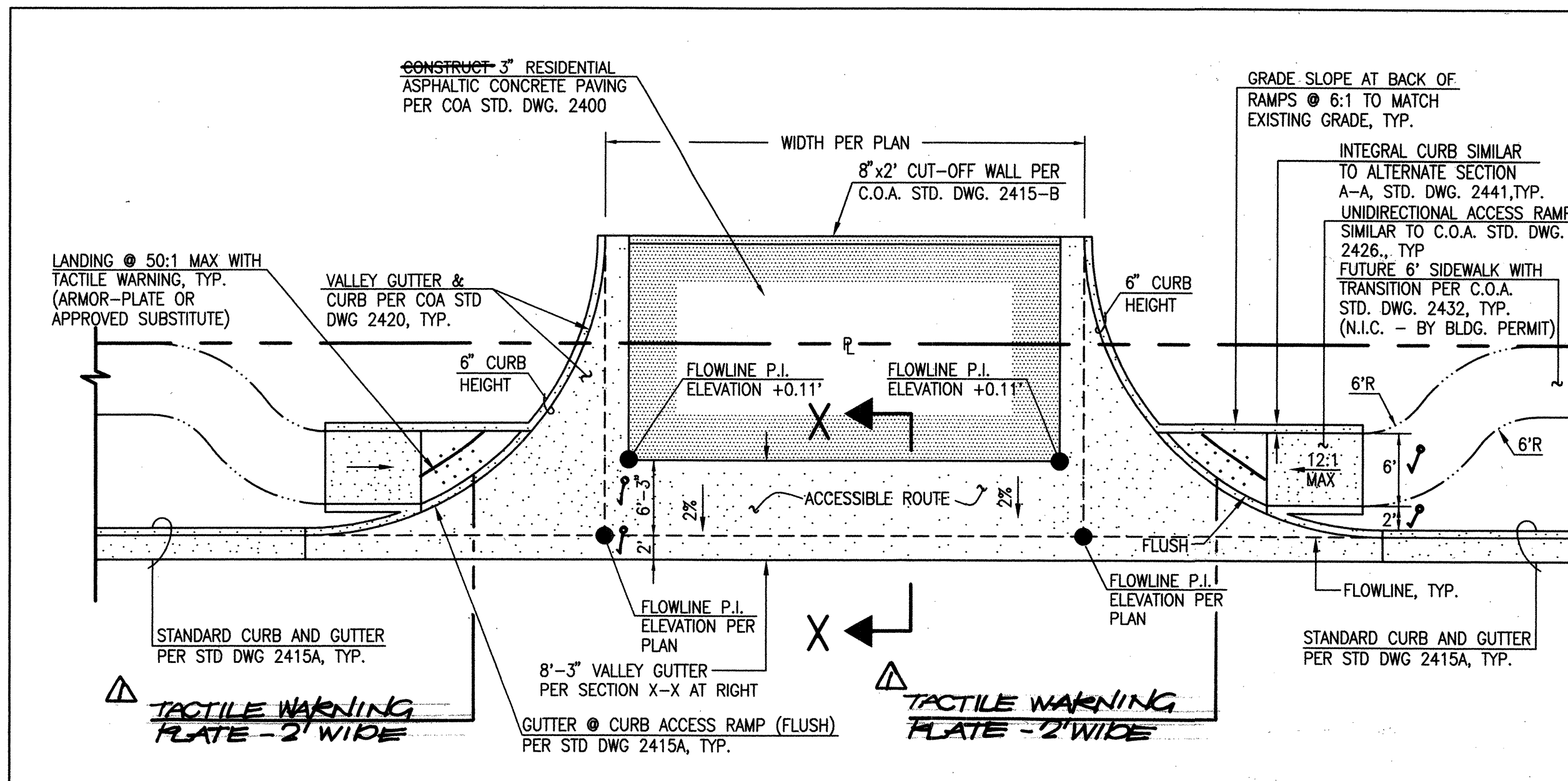
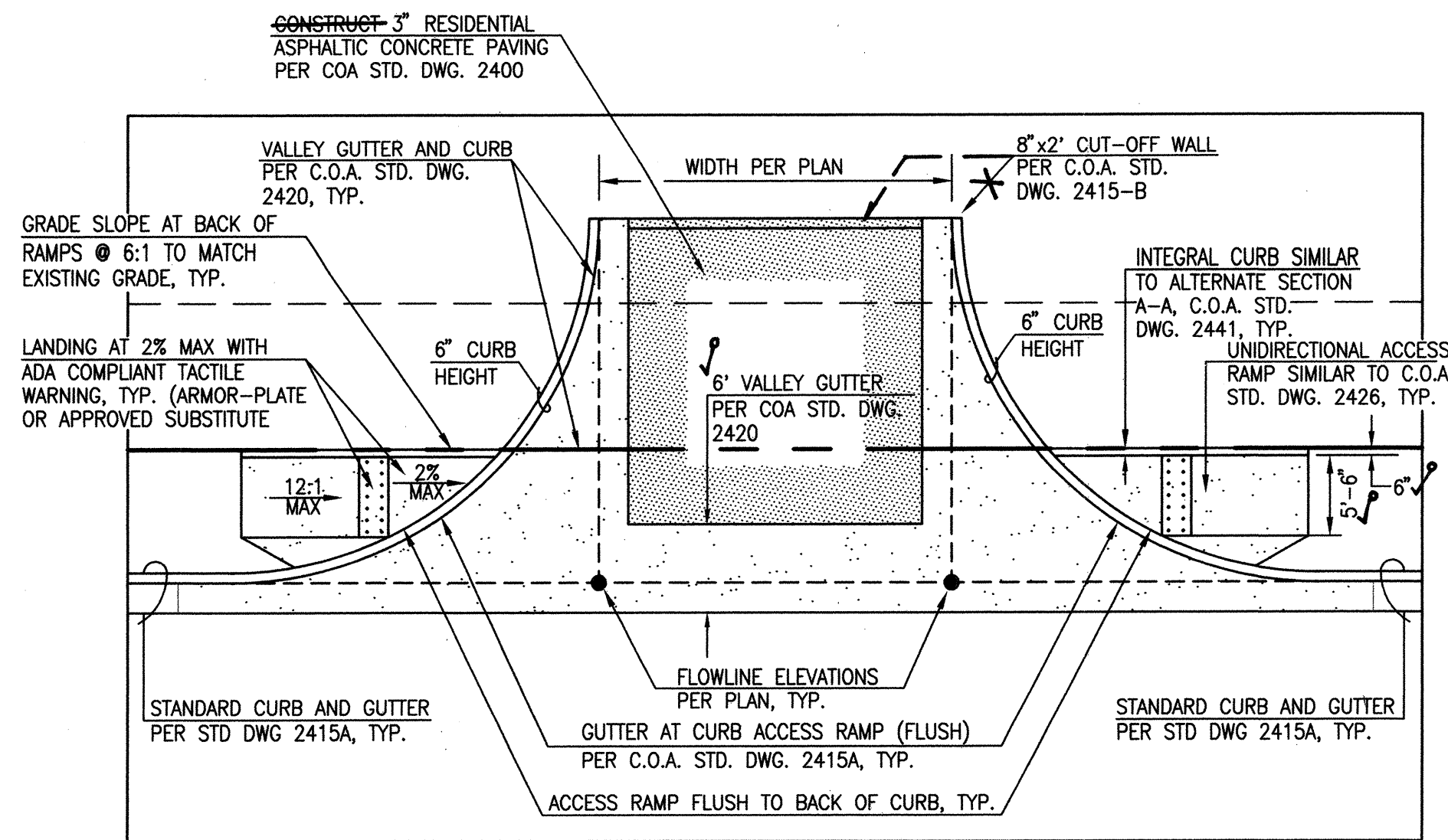
I, JEFFREY G. MORTENSEN, NMPE 8547, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT THE INFRASTRUCTURE CONSTRUCTED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR PERSONNEL UNDER MY DIRECT SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF, HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE ORIGINAL DESIGN INTENT OF THE CITY ENGINEER APPROVED PLANS DATED 04-08-2009 AND UPDATED 04-23-2009. THE RECORD INFORMATION EDITED ONTO THIS ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION COMBINED WITH RECORD INFORMATION OBTAINED FROM THE AS-BUILT SURVEY PERFORMED UNDER THE DIRECT SUPERVISION OF CHARLES G. 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 RECORD INFORMATION IS 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
DATE 11-23-2009



2007.188.8

APPROVED FOR CONSTRUCTION			
REV.	SHEETS	CITY ENGINEER	DATE
1-15			
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
	DRG Chairman	4/23/09	
	Transportation	4/23/09	
	Water/Wastewater	4-21-09	
	Hydrology	4/21/09	
	C.I.P.		
	Const. Mngt.		
	Const. Coord.		
City Project No. 758582		SHEET 1 OF 15	



LEGAL DESCRIPTION

TRACT A SANDIA SCIENCE AND TECHNOLOGY PARK.

TEMPORARY BENCHMARK #1

A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN ASPHALT PAVEMENT, AS SHOWN ON THIS SHEET.
ELEVATION = 5493.85 FEET

TEMPORARY BENCHMARK #2

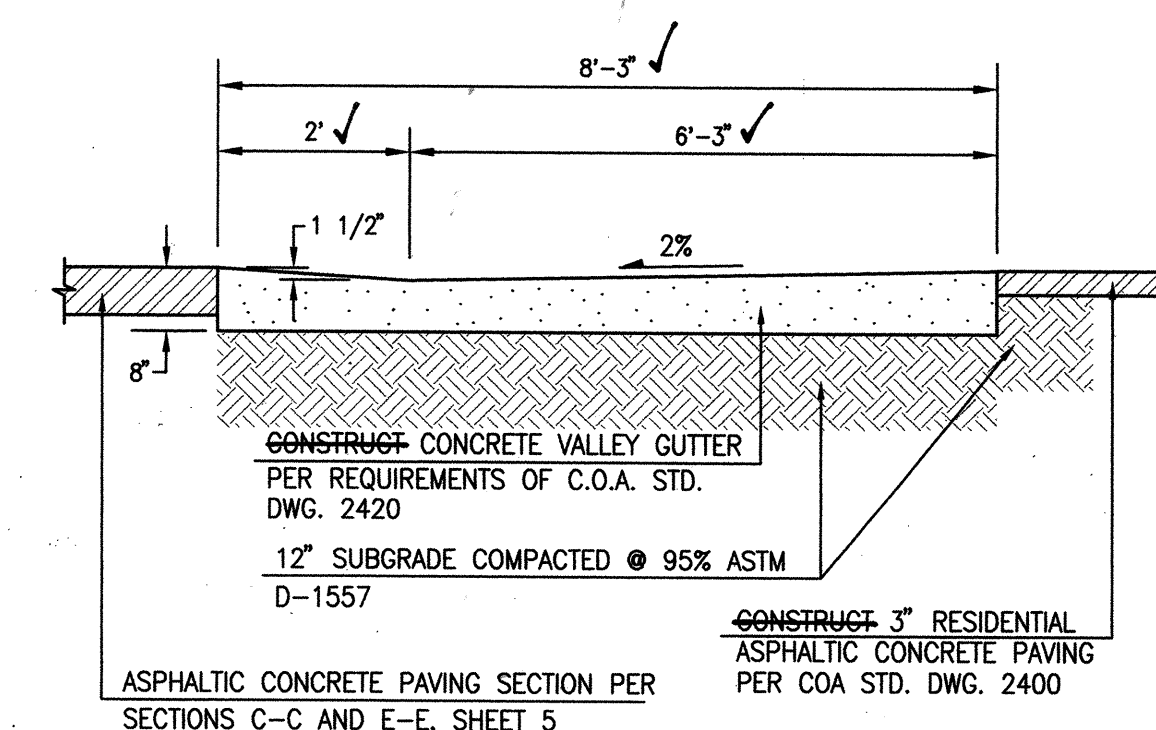
A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184", AS SHOWN ON THIS SHEET.
ELEVATION = 5489.78 FEET

TEMPORARY BENCHMARK #3

A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184", AS SHOWN ON THIS SHEET.
ELEVATION = 5485.11 FEET

PAVING LEGEND:

- TEMPORARY PAVING TO BE REMOVED
- PROPOSED PERMANENT ASPHALT PAVEMENT
- PROPOSED CONCRETE



EASEMENTS

- 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 2001C-324
- 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT 97C-254 (OFFSITE)
- STORM DRAINAGE AND BLANKET UTILITY EASEMENT GRANTED BY PLAT 97C-254 (OFFSITE)
- 35' PUBLIC DRAINAGE EASEMENT GRANTED BY PLAT 96C-317 (OFFSITE)
- 25' LANDSCAPE AND PUBLIC PEDESTRIAN/BIKE EASEMENT BY DOCUMENT BOOK N/A, PAGE N/A - UNRECORDED
- 15' LANDSCAPE AND PUBLIC PEDESTRIAN/BIKE EASEMENT BY DOCUMENT BOOK N/A, PAGE N/A - UNRECORDED
- 35'x35' PUBLIC (ABOVUA) WATER EASEMENT BY DOCUMENT #200028531, BOOK N/A, PAGE 1-6, 08-31-2009

BOUNDARY DATA

LINE	DIRECTION	DISTANCE
L1	N 36°33'23" E	92.32'
L2	S 68°04'40" W	123.36'
L3	N 36°34'58" E	238.33'

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA
C1	1121.00'	1208.46'	N 52°47'54" W	1150.79'	61°45'58"
C2	25.00'	44.42'	N 32°46'39" W	38.80'	101°48'29"
C3	266.02'	85.61'	N 27°20'46" E	85.24'	18°26'21"

RECORD DRAWING LEGEND

- CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
- RECORD INFORMATION (VERIFIED BY ENGINEER)
- RECORD INFORMATION (VERIFIED BY ENGINEER)
- AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
- RECORD INFORMATION FROM AS-BUILT SURVEY
- RECORD INFORMATION FROM AS-BUILT SURVEY
- RECORD INFORMATION FROM AS-BUILT SURVEY

HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com
2007.188.8

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **OVERALL PAVING PLAN
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK**

Design Review Committee
APPROVED
APR 23 2009
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
AUG 13 2009
CITY ENGINEER

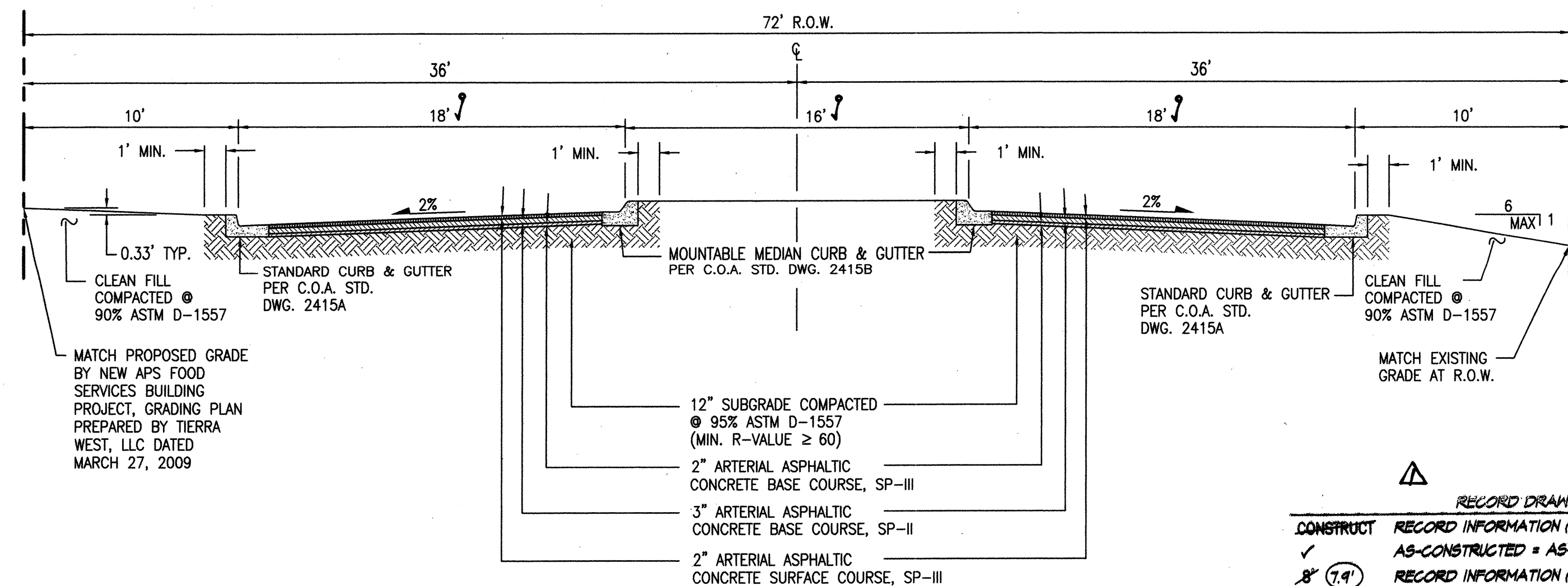
City Project No. **758582** Zone Map No. **L-21** Sheet **4** Of **15**

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1

ELEVATIONS ARE IN NAVD 1988

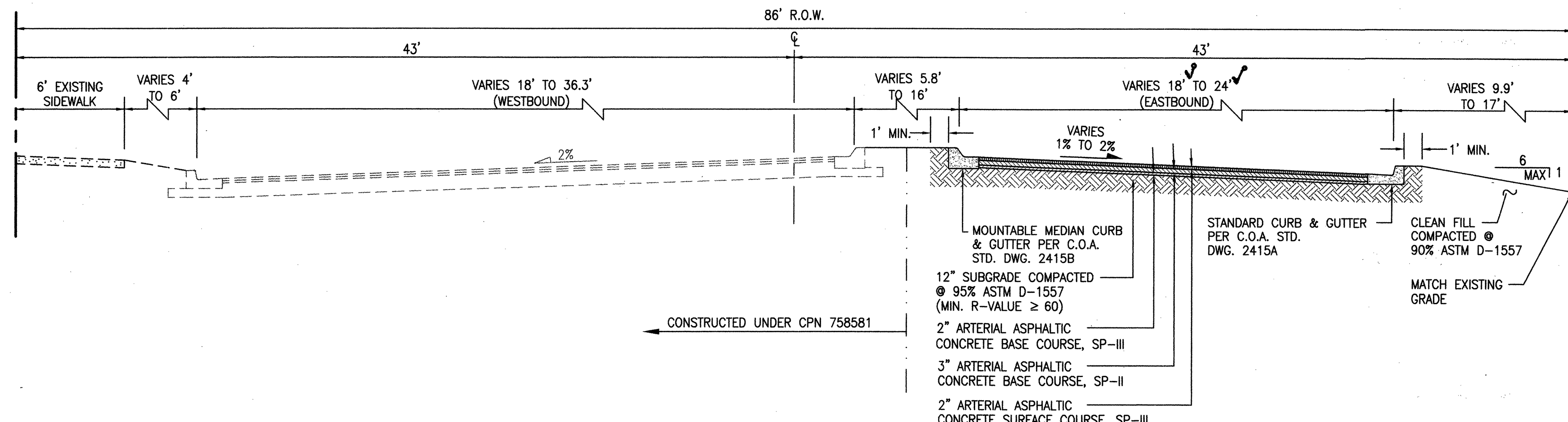
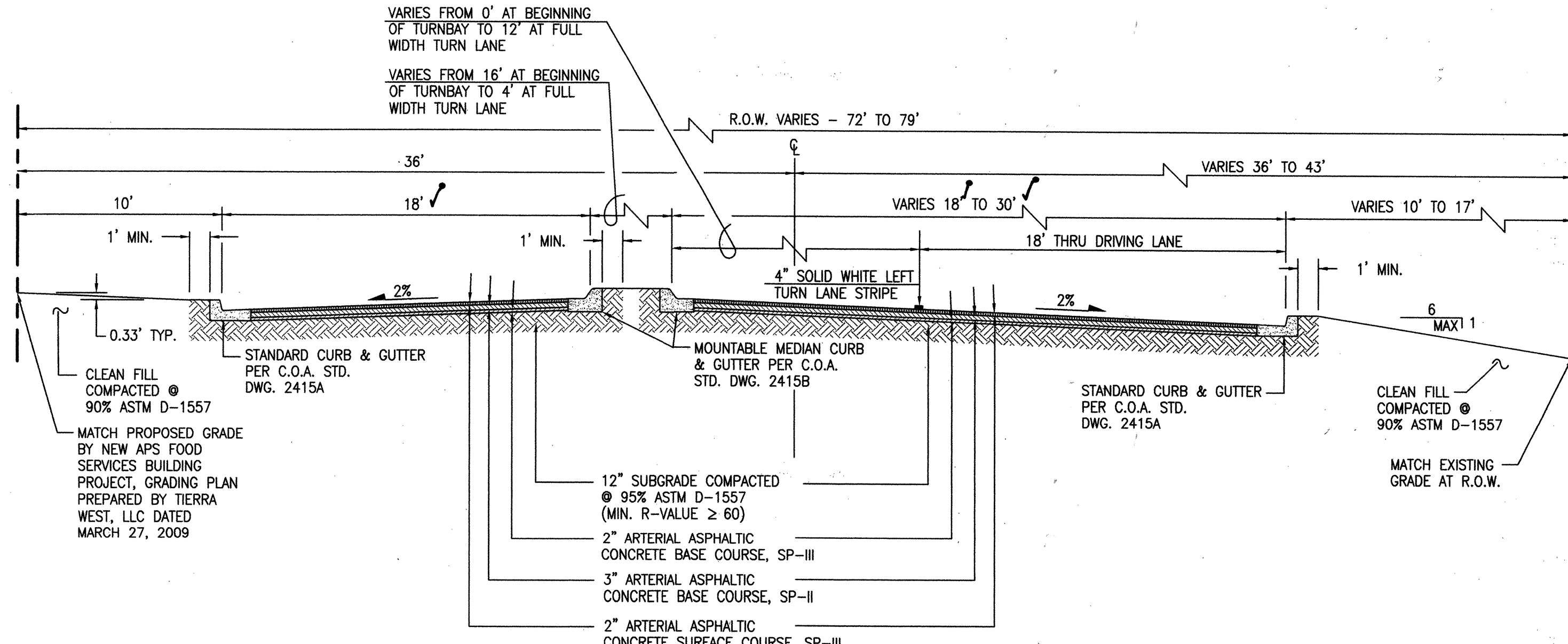
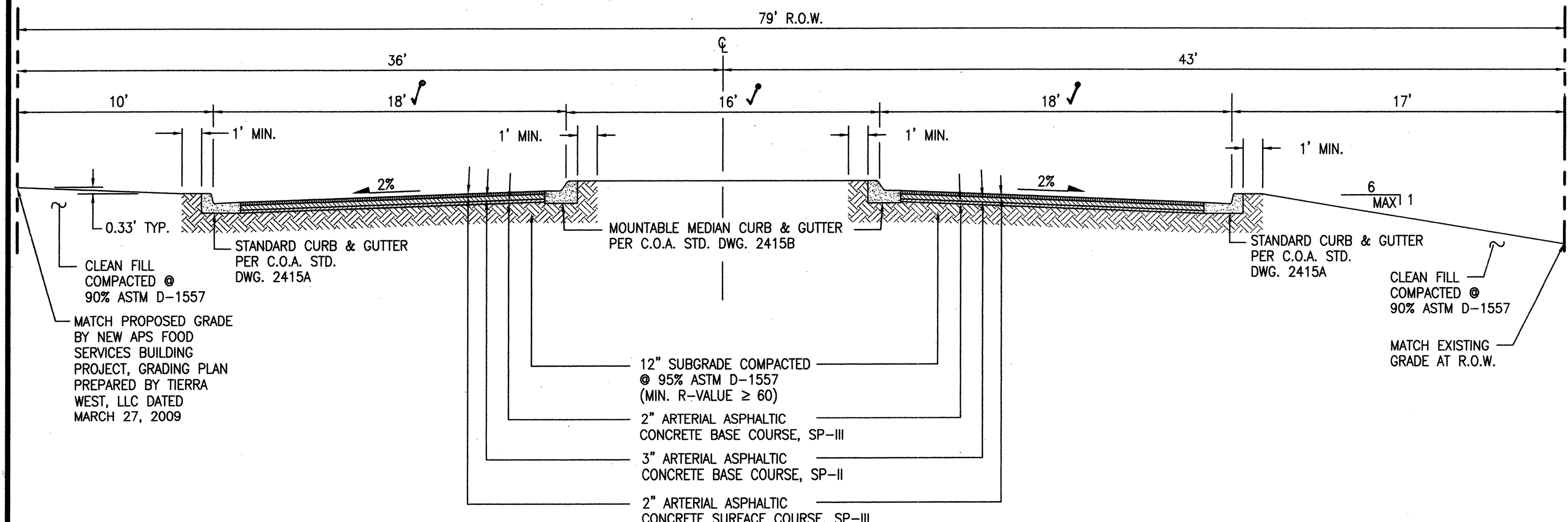
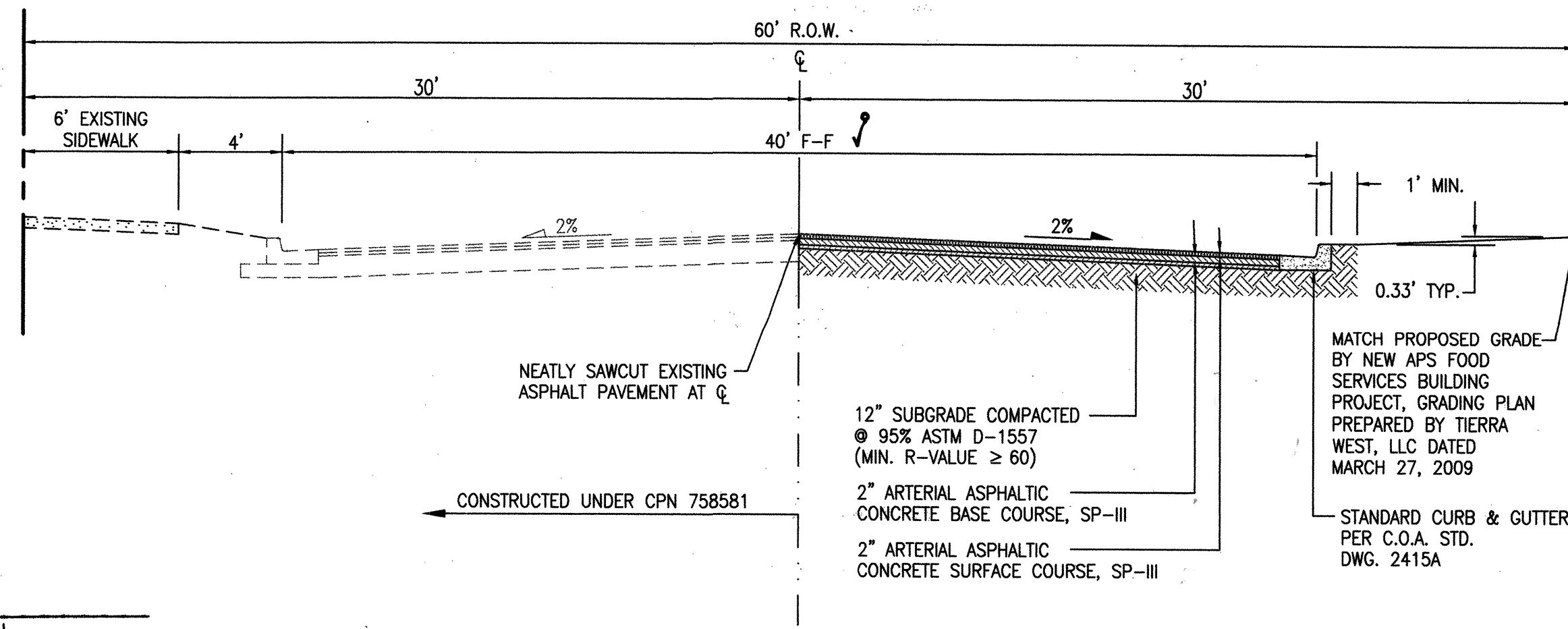
SURVEY NOTE:

THIS IS NOT A BOUNDARY SURVEY. DATA IS SHOWN FOR ORIENTATION ONLY.
BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, DATED OCTOBER 17, 2007 (NMPS #11184). THE TOPOGRAPHIC INFORMATION DEPICTED HEREON IS BASED UPON THE TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, DATED 10-17-2007 (NMPS # 11184).



RECORD DRAWING LEGEND

CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
✓ AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
8' (7.4') RECORD INFORMATION (VERIFIED BY ENGINEER)
31.28 (22) RECORD INFORMATION (VERIFIED BY ENGINEER)
✓ AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
21.8 RECORD INFORMATION FROM AS-BUILT SURVEY
+26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
31.25 (22) RECORD INFORMATION FROM AS-BUILT SURVEY



NOTE:
SUBGRADE MATERIAL NOT HAVING THE MINIMUM R-VALUE OF 60 SHALL BE REMOVED TO MINIMUM DEPTH OF 2 FEET AND REPLACED WITH SUITABLE MATERIAL.

HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com
2007.188.8

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: PAVING SECTIONS AND DETAILS TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK	
Design Review Committee APPROVED APR 23 2009 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED AUG 13 2009 CITY ENGINEER
City Project No. 758582	Zone Map No. L-21
Sheet 5	Of 15

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
Calis Brothers	9-09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
STANDARD BY	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
HMCQ	9-09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
INSPECTED BY	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
L. ROBERTS	11/2/09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
FIELD VERIFICATION BY	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
HMCQ	11/2/09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
CONTRACTOR'S RECORD BY	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
HMCQ	11/2/09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
RECORDED BY	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
HMCQ	11/2/09	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 83)	10-2007	NO. 2007.181.6	10-2007	04-23-2009	04-23-2009
FOR TBM'S, SEE SHEET 4	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE
NO.	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	DATE	ENGINEER'S SEAL	DATE



	04.

ENGINEER'S SEAL		04-05-2009 2009 17:23				04-08-2009	
				BY			
				11-00		RECORD Dwg. & CERT.	
				REMARKS			
				Revisions			
				DESIGN			
				Designed By		G.R.B. Date 04-2009	
				Drawn By		C.F.A./B.L./J.L.P. Date 04-2009	
				Checked By		J.G.M. Date 04-2009	

PROJECT NAME: STA 17+50.00

PROJECT LOCATION: TECHNOLOGY PARK

DATE: 04-22-2009

BY: [Signature]

DATE: 04-22-2009

BY: [Signature]

Sheet 6 of 15

6 of 15

RECORD DRAWING FOR CERTIFICATION, SEE SHEET 1

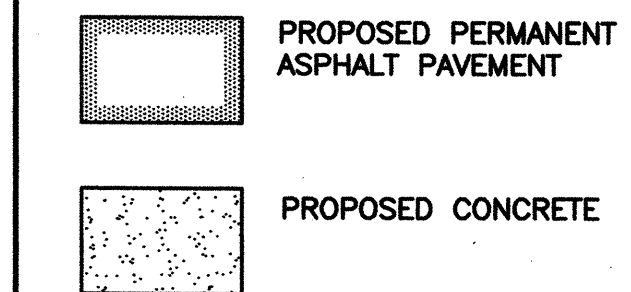
STREET PAVING IMPROVEMENTS:

- 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.
- 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 MANUFACTURED PER ADA GUIDELINES. CONTRACTOR MUST SUBMIT SURFACE SPECIFICATIONS TO THE CITY ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- 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. SEE SHEET 10 FOR STRIPING AND SIGNING PLANS.

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
3	1059.00'	1421.20'	1316.92'	S 50°38'04" E	76°53'31"
6	1093.00'	841.90'	821.24'	S 62°46'17" E	44°07'59"
7	1077.00'	622.78'	614.14'	S 66°55'52" E	33°07'54"
8	1111.00'	845.05'	824.82'	S 62°24'03" E	43°34'49"
9	150.00'	37.09'	37.00'	N 57°26'57" W	14°10'03"
10	1089.00'	98.37'	98.34'	S 43°17'33" E	05°10'32"
11	150.00'	48.83'	48.62'	S 55°12'24" E	18°39'09"

PAVING LEGEND:



TEMPORARY BENCHMARK #1

A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN ASPHALT PAVEMENT, AS SHOWN ON SHEET 8.
ELEVATION = 5493.85 FEET

TEMPORARY BENCHMARK #2

A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184", AS SHOWN SHEET 8.
ELEVATION = 5489.78 FEET

SURVEY NOTE:

THIS IS NOT A BOUNDARY SURVEY. DATA IS SHOWN FOR ORIENTATION ONLY. BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, (NMPS #11184), DATED OCTOBER 17, 2007. THE TOPOGRAPHIC INFORMATION DEPICTED HEREON IS BASED UPON THE TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, (NMPS #11184), DATED OCTOBER 17, 2007.

HIGH MESA Consulting Group
6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

2007.188.8

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PAVING IMPROVEMENTS - PLAN AND PROFILE
INNOVATION PKWY S.E. STA 17+50.00 TO STA 24+50.00
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

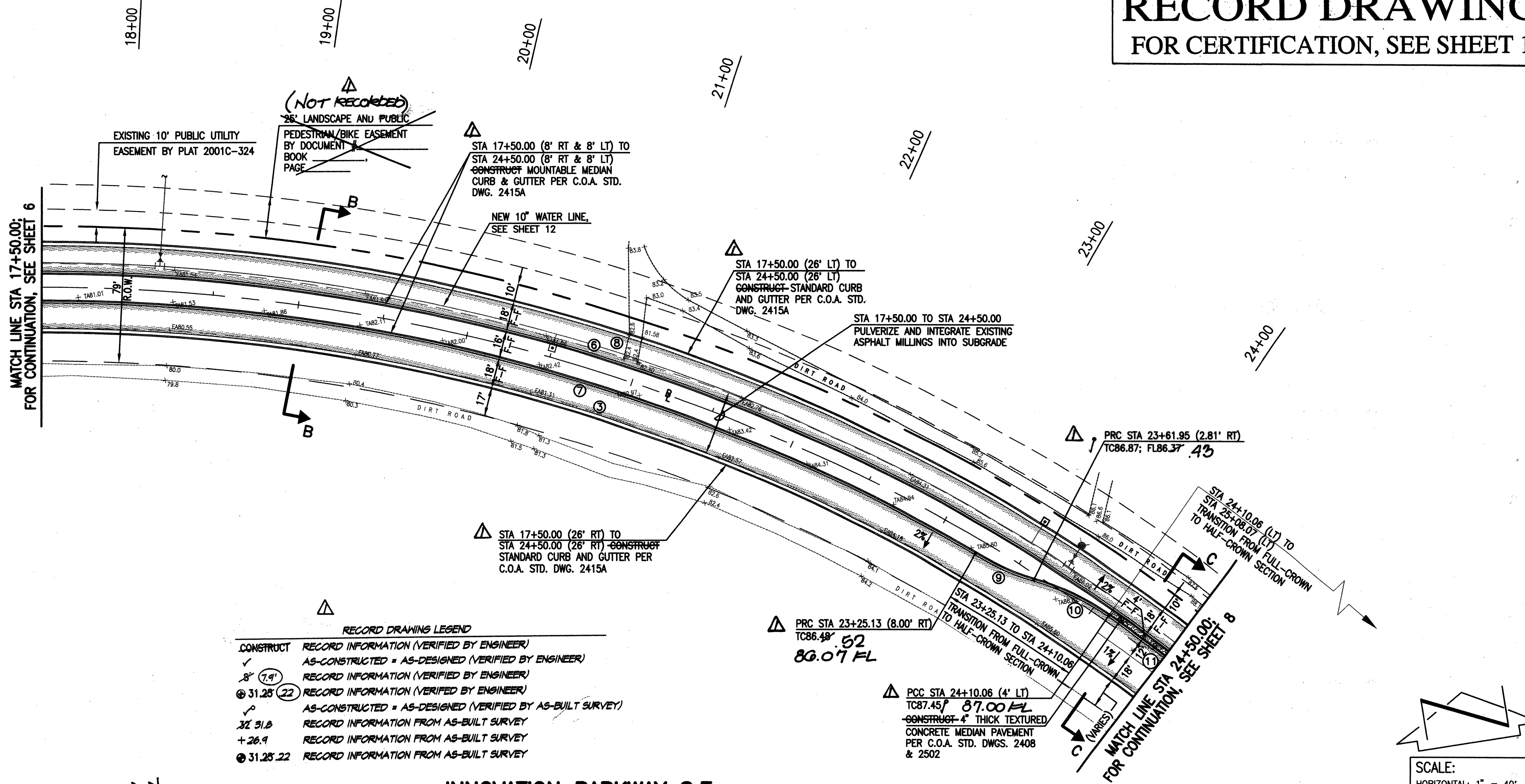
DESIGN REVIEW COMMITTEE
APPROVE
APR 23 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVE
AUG 13 2009
CITY ENGINEER

City Project No. 758582

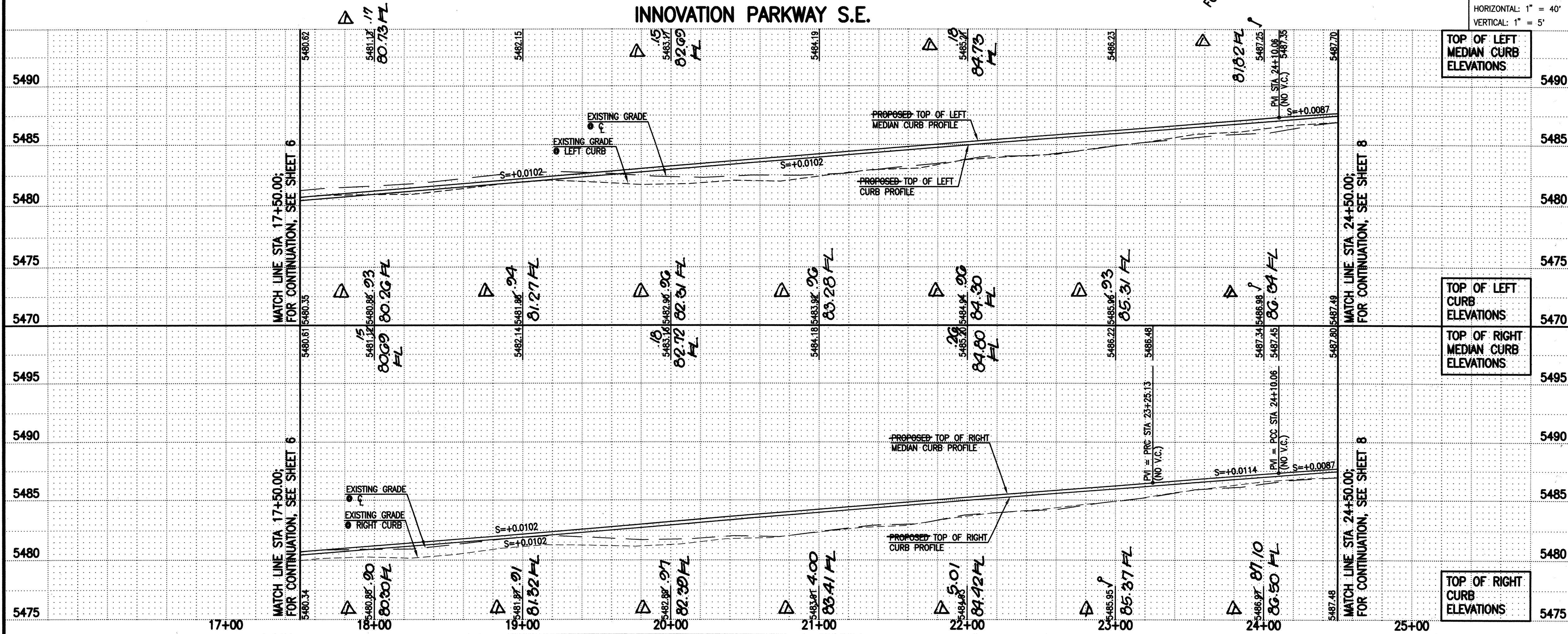
Zone Map No. L-21

Sheet 7 of 15

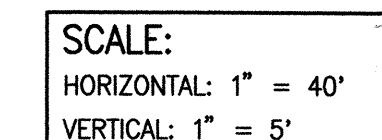
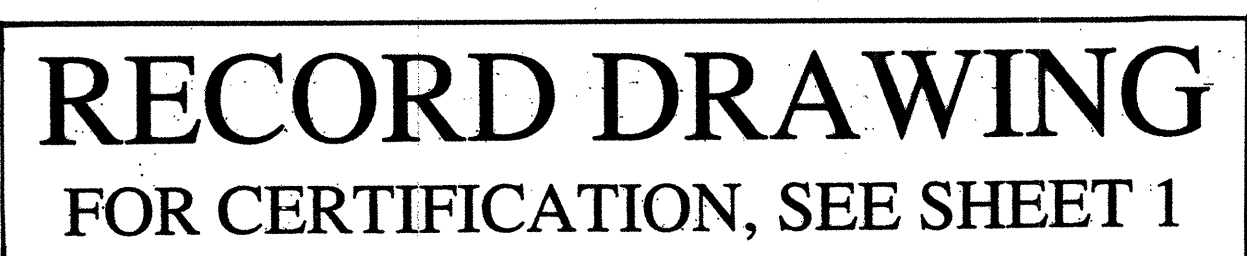


RECORD DRAWING LEGEND
CONSTRUCT RECORD INFORMATION (VERIFIED BY ENGINEER)
AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
8" (7.9") RECORD INFORMATION (VERIFIED BY ENGINEER)
31.25 (22) RECORD INFORMATION (VERIFIED BY ENGINEER)
AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
XZ 31.8 RECORD INFORMATION FROM AS-BUILT SURVEY
+26.9 RECORD INFORMATION FROM AS-BUILT SURVEY
31.25.22 RECORD INFORMATION FROM AS-BUILT SURVEY

INNOVATION PARKWAY S.E.

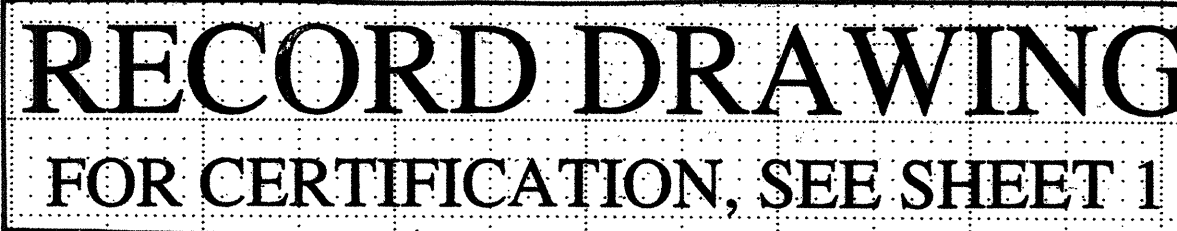


ELEVATIONS ARE IN NAVD 1988



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| CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
INNOVATION DEVELOPMENT GROUP | | | | | | | | | | | | | | | |
| TITLE: PAVING IMPROVEMENTS PLAN AND PROFILE
INNOVATION PARKWAY S.E. - STA 24+50.00 TO STA 30+48.10
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK | | | | | | | | | | | | | | | |
| Design Review Committee
<div style="border: 2px solid black; padding: 10px; text-align: center;"> APPROVED
 APR 23 2009
 DESIGN
 REVIEW COMMITTEE </div> | City Engineer Approval
<div style="border: 2px solid black; padding: 10px; text-align: center;"> APPROVED
 AUG 13 2009
 CITY ENGINEER </div> | Last Design Update
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<div style="font-size: 2em; font-weight: bold; text-align: center;">815</div> |
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| City Project No. 758582 | | Zone Map No. L-21 | | | | | | | | | | | | | |

[illegible]



7E8E82	Zone Map No 1 01
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Zone Map No. 01

Sheet 9 Of 15

[illegible]

11+00

12+00

13+00

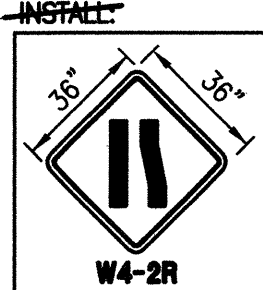
14+00

15+00

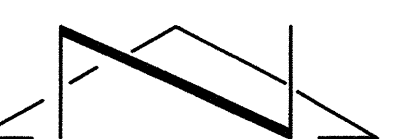
16+00

17+00

STA 11+30.00
INSTALL



STA 10+98.56 (21' RT) TO
STA 12+13.26 (21' RT)
APPLY 4" WHITE THERMOPLASTIC
BROKEN LANE LINE



STA 12+30.00
APPLY 18" PREFORMED WHITE
THERMOPLASTIC LANE DROP
ARROW (RIGHT)

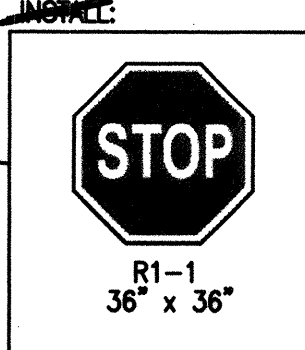
STA 12+13.26 (21' RT) TO
STA 14+04.15 (20' RT)
APPLY 6" WHITE THERMOPLASTIC
"DOTTED" LANE LINE

STA 14+88.09 (8' RT) TO
STA 15+90.09 (8' RT)
APPLY 4" WHITE THERMOPLASTIC
CONTINUOUS LANE LINE

STA 14+41.09 (2' RT)
APPLY 8" PREFORMED WHITE
THERMOPLASTIC LEFT TURN
ARROW PER TYPICAL DETAIL,
THIS SHEET

PAINT MEDIAN NOSES
YELLOW AND APPLY
GLASS BEADS

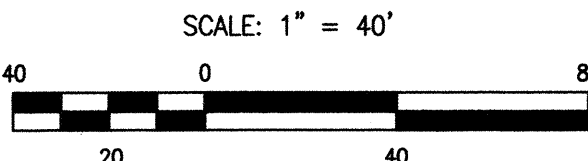
STA 16+08.11 (39' LT)
INSTALL



STEPHEN MOODY DR. S.E.
ALUMINUM PANEL STREET NAME SIGN
PER C.O.A. SPECIFICATION, SECTION 450

INNOVATION PKWY. S.E.
ALUMINUM PANEL STREET NAME SIGN
PER C.O.A. SPECIFICATION, SECTION 450

INNOVATION PARKWAY S.E.



23+00

24+00

25+00

26+00

STA 23+00.00

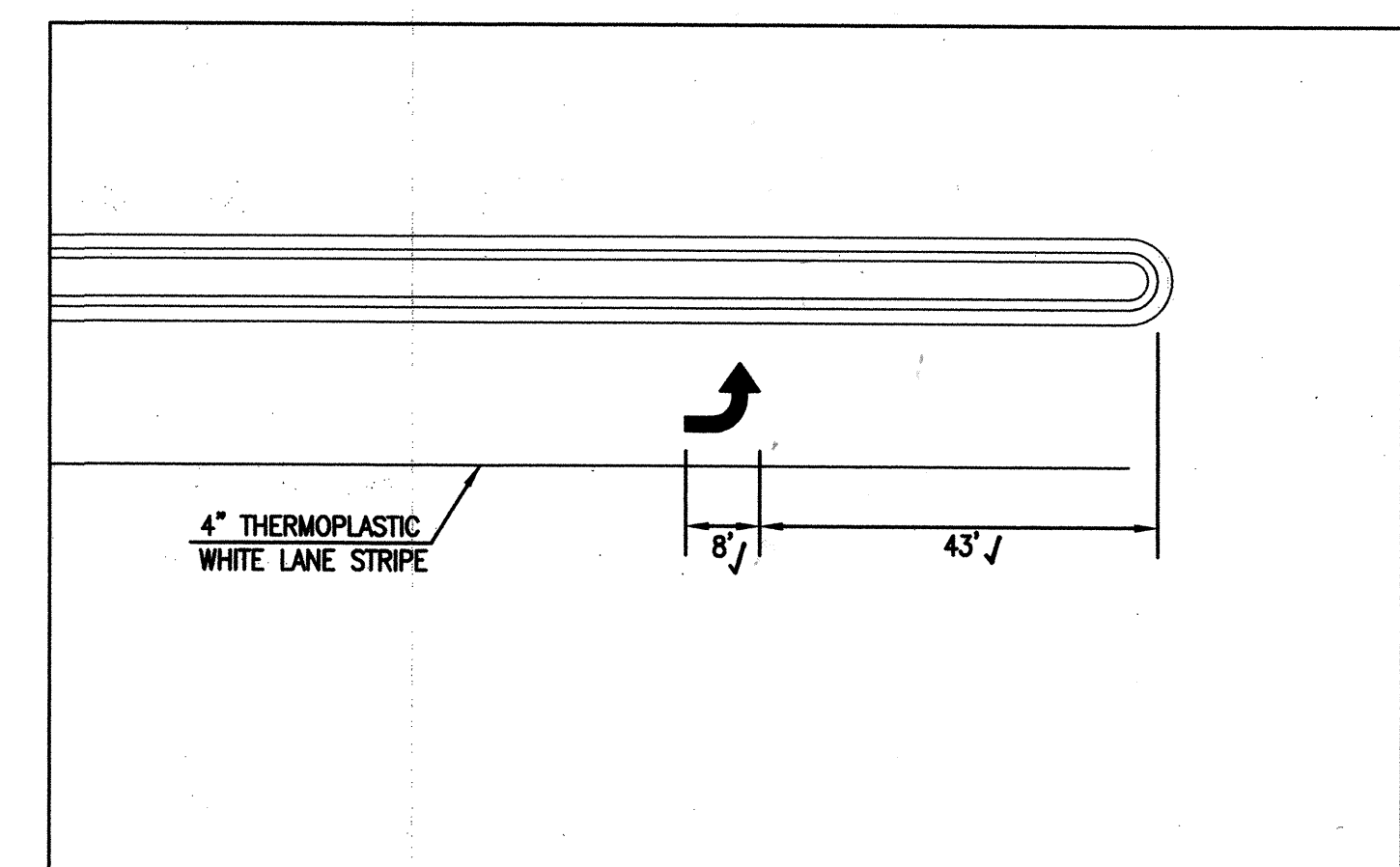
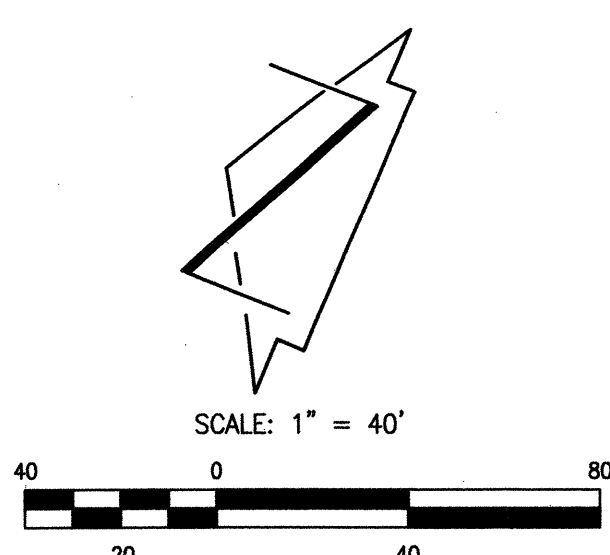
STA 24+10.06 (8' RT) TO
STA 25+10.06 (8' RT)
APPLY 4" WHITE THERMOPLASTIC
CONTINUOUS LANE LINE

STA 24+63.06 (2' RT)
APPLY 8" WHITE THERMOPLASTIC
PREFORMED LEFT TURN ARROW
PER TYPICAL DETAIL, THIS SHEET

PAINT MEDIAN NOSES YELLOW
AND APPLY GLASS BEADS

STA 26+30.00

INNOVATION PARKWAY S.E.



TYPICAL LEFT TURN LANE ARROW DETAIL
SCALE: 1" = 20'

RECORD DRAWING

FOR CERTIFICATION, SEE SHEET 1

STRIPING AND SIGNAGE NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE REFLECTIVE PLASTIC AND COMPLY WITH SECTION 441 OF THE LATEST EDITION OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION, AND THE M.U.T.C.D. (LATEST EDITION).
2. ALL TRAFFIC SIGNS SHALL COMPLY WITH THE M.U.T.C.D. (LATEST EDITION).
3. CONTRACTOR SHALL OBLITERATE ALL EXISTING PAVEMENT MARKINGS WITHIN PROJECT LIMITS PER SECTION 443 OF THE LATEST EDITION OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION, PRIOR TO INSTALLATION OF NEW MARKINGS.
4. BROKEN LANE STRIPES SHALL BE TEN FEET IN LENGTH WITH 30 FOOT GAPS.
5. DOTTED LINES SHALL BE THREE FEET IN LENGTH WITH SEVEN FOOT GAPS.
6. CONTRACTOR SHALL APPLY REFLECTORIZED YELLOW PAINT WITH GLASS BEADS TO ALL MEDIAN NOSES PRIOR TO FINAL ACCEPTANCE OF PROJECT.
7. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE OF PROJECT.
8. STATIONING SHOWN HEREON IS BASED UPON STREET CENTERLINE.
9. CONTRACTOR SHALL INVENTORY ALL TRAFFIC CONTROL SIGNS TO BE REMOVED UNDER THIS CONTRACT WITH TRAFFIC OPERATIONS PRIOR TO CONSTRUCTION COMMENCEMENT.
10. CONTRACTOR MUST REVIEW STRIPING AND SIGNAGE LAYOUT WITH CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION PRIOR TO INSTALLATION.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	PROJECT BENCHMARK	DATE	FIELD NOTES	BY	NO.	DATE
SHILS Brothers	N/A	AN A.C.S. 3 1/4" ALUMINUM CAP STAMPED "ACS 6-121, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAD 83)	10-2007	2007.181.6	HMC	11-23-2009	11-23-2009
INSPECTOR'S	DATE	RECORDING	DATE	REVISIONS	DESIGN	DESIGNED BY	DATE
DATE	DATE	DATE	DATE	DATE	DATE	G.R.B.	04-2009
DATE	DATE	DATE	DATE	DATE	DATE	Drawn By	04-2009
DATE	DATE	DATE	DATE	DATE	DATE	Checked By	04-2009
DATE	DATE	DATE	DATE	DATE	DATE	J.G.M.	

HIGH MESA Consulting Group

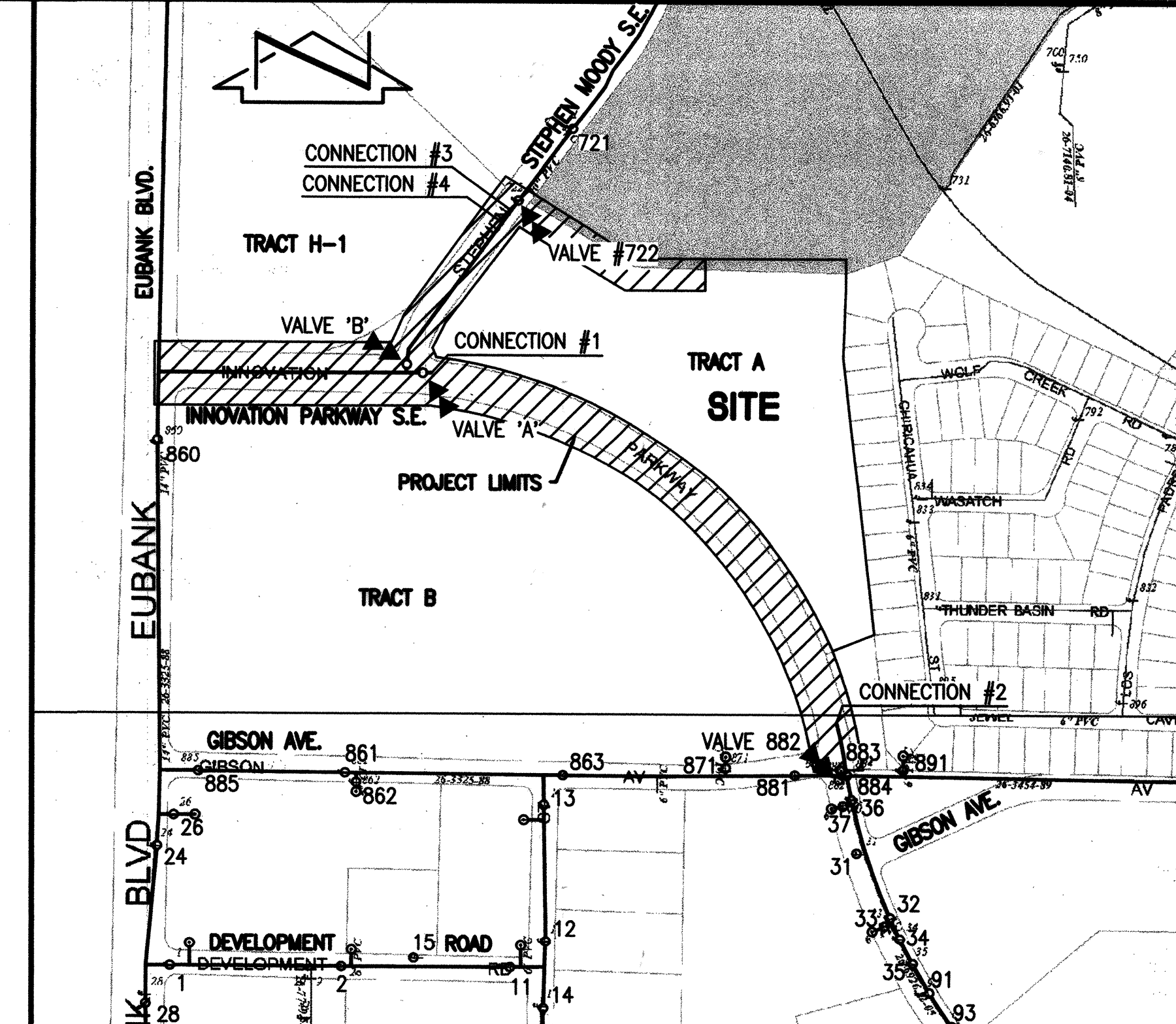
6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
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2007.188.8

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES
DESIGN & DEVELOPMENT DIVISION
TITLE: INNOVATION PARKWAY S.E. - STA 10+98.56 TO STA 17+50.00
AND STA 23+00.00 TO STA 26+50.00
STRIPING AND SIGNAGE PLAN
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

Design Review Committee
APPROVED
APR 23 2009
DESIGN REVIEW COMMITTEE

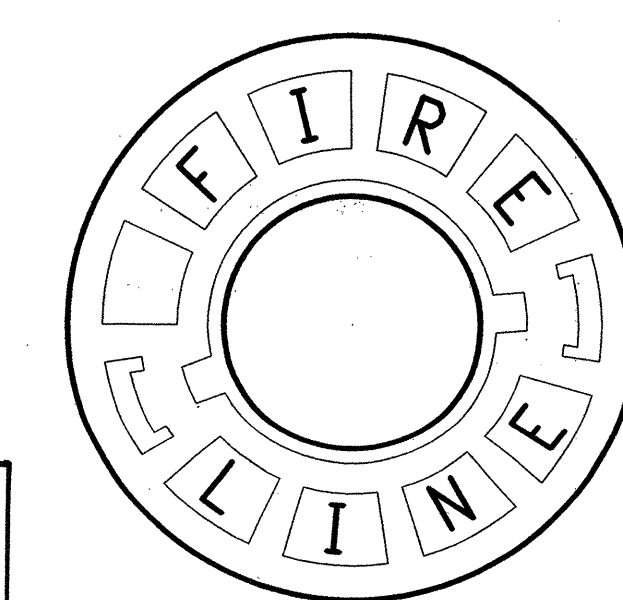
City Engineer Approval
APPROVED
AUG 13 2009
CITY ENGINEER

City Project No. 758582 Zone Map No. L-21 Sheet 10 of 15



L-21/M-21

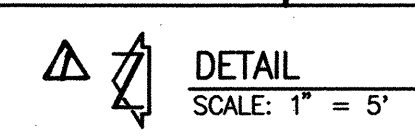
- LEGAL DESCRIPTION
- TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK.
- TEMPORARY BENCHMARK #1
- A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN ASPHALT
PAVEMENT, AS SHOWN ON THIS SHEET.
ELEVATION = 5493.85 FEET
- TEMPORARY BENCHMARK #2
- A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184",
AS SHOWN ON THIS SHEET.
ELEVATION = 5489.78 FEET
- TEMPORARY BENCHMARK #3
- A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184",
AS SHOWN ON THIS SHEET.
ELEVATION = 5485.11 FEET
- EASEMENTS
- ① 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT
2001C-324
- ② 10' PUBLIC UTILITY EASEMENT GRANTED BY PLAT
97C-254 (OFFSITE)
- ③ STORM DRAINAGE AND BLANKET UTILITY EASEMENT
GRANTED BY PLAT 97C-254 (OFFSITE)
- ④ 35' PUBLIC DRAINAGE EASEMENT GRANTED BY PLAT
96C-317 (OFFSITE)
- ⑤ 25' LANDSCAPE AND PUBLIC PEDESTRIAN/BIKE
EASEMENT BY DOC. # ~~2002C-025~~ BOOK
- ⑥ 15' LANDSCAPE AND PUBLIC PEDESTRIAN/BIKE
EASEMENT BY DOC. # ~~2002C-025~~ BOOK
- ⑦ 35'x35" PUBLIC (ABOVUUA) WATER EASEMENT BY
DOC. # ~~2002C-025~~ ³⁹⁹⁶ ~~1-6~~ BOOK
- 8-31-2009



RECORD DRAWING

FOR CERTIFICATION, SEE SHEET 1

ALL ELEVATIONS ARE IN NAVD 1988

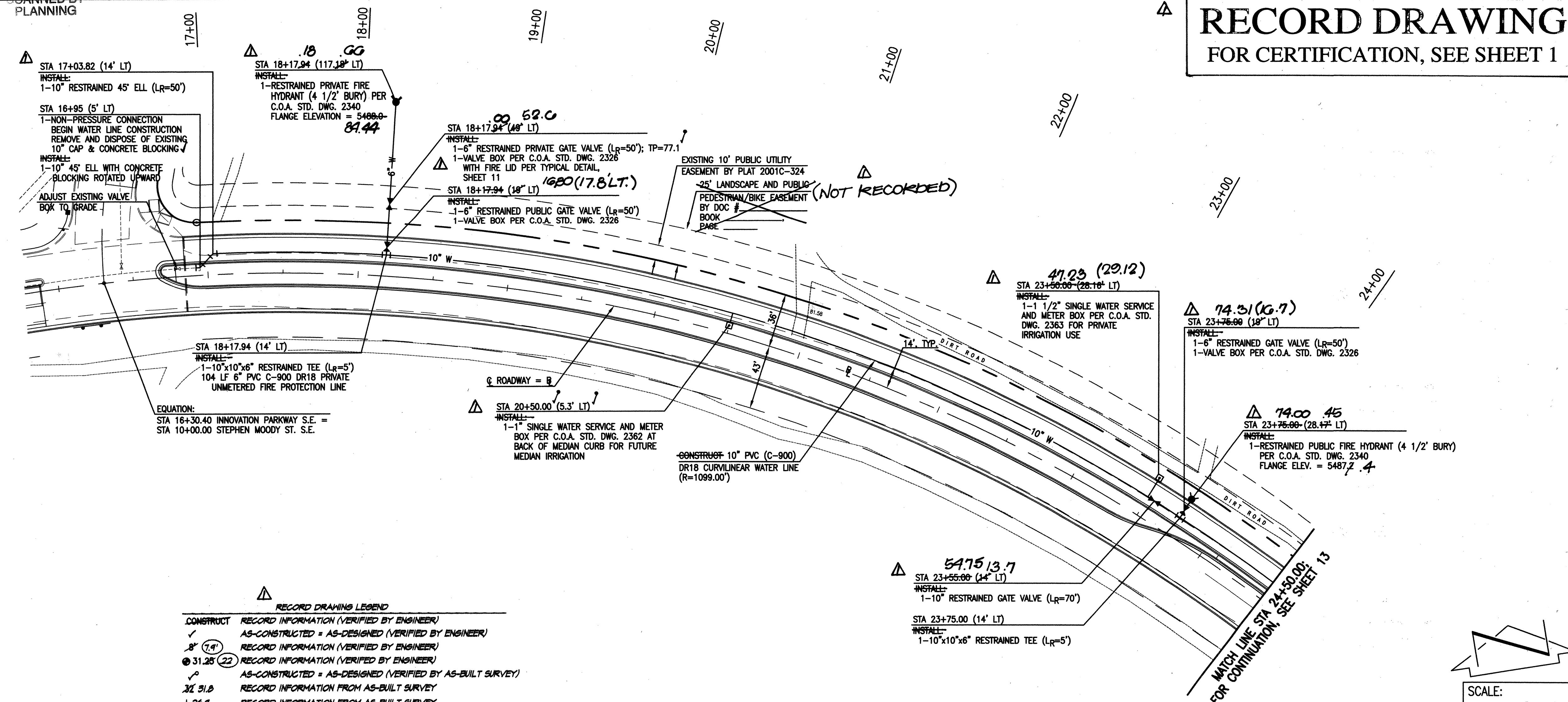


SHEET NO. 11 OF 15 PROJECT: 11-23-2009 DRAWN BY: JLM CHECKED BY: JLM DATE: 04-20-2009		ENGINEER'S SEAL 11-23-2009  04-08-2009		SURVEY INFORMATION FIELD NOTES NO. 2007.181.6 BY HMOG DATE 10-2007		PROJECT BENCHMARK AN A.C.S. 3 1/4" ALUMINUM CIP STAMPED "ACS 6-L21, 1986" SET FLUSH IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 88)		BENCH MARKS CONTRACTOR HMOG WORK BY L. ROBERTS INSURANCE BY HMOG REGISTRATION BY HMOG DRAWINGS CORRECTED BY HMOG DATE 11-12-09 DATE 11-12-09 DATE 11-12-09		AS BUILT INFORMATION DATE 11-12-09 MICRO-FILM INFORMATION RECORDED BY NO. DATE	
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RECORD DRAWING FOR CERTIFICATION, SEE SHEET 1

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 DR18 PIPE OR AS APPROVED BY THE WATER AUTHORITY. 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 THE WATER AUTHORITY. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- 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 DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- ELECTRONIC MARKER SPHERES 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 LEADS 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.
- 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 THE WATER AUTHORITY PERSONNEL.

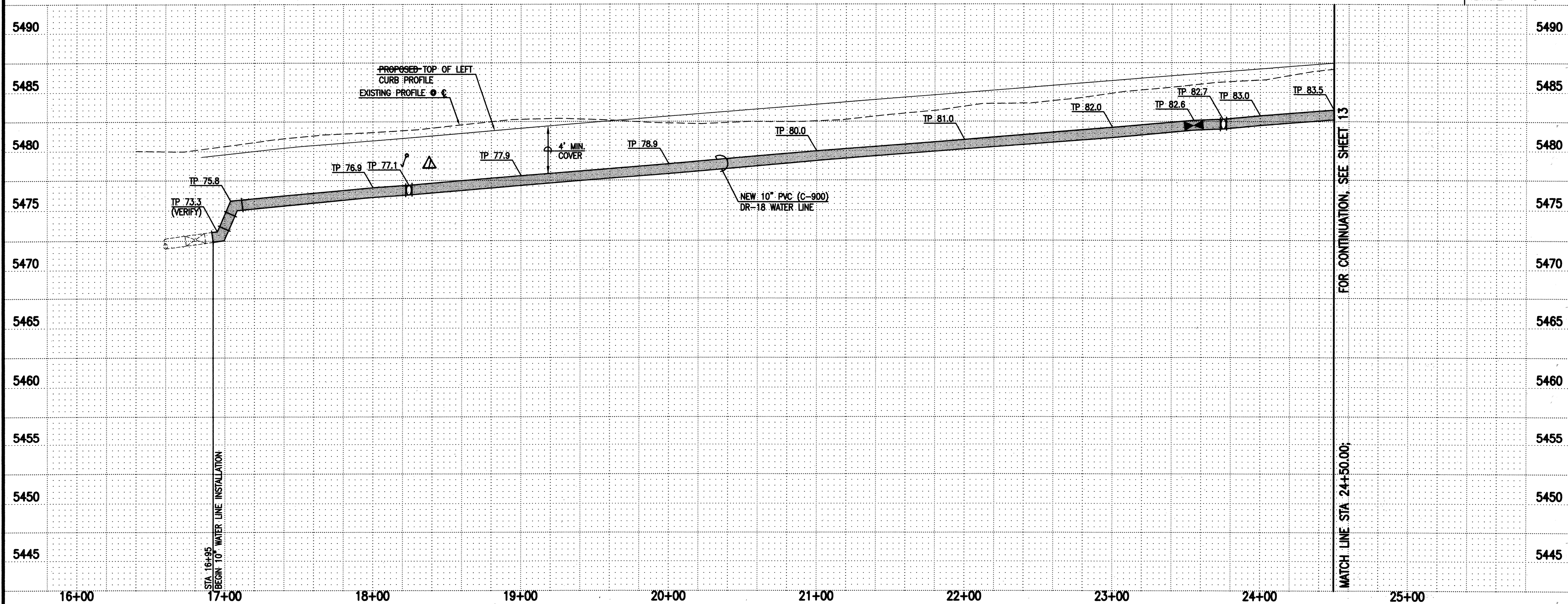


RECORD DRAWING LEGEND

CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
8' (7.9')	RECORD INFORMATION (VERIFIED BY ENGINEER)
31.25 (22)	RECORD INFORMATION (VERIFIED BY ENGINEER)
AS-CONSTRUCTED	AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
31.25	RECORD INFORMATION FROM AS-BUILT SURVEY
+26.9	RECORD INFORMATION FROM AS-BUILT SURVEY
31.25.22	RECORD INFORMATION FROM AS-BUILT SURVEY

INNOVATION PARKWAY S.E.

SCALE:
HORIZONTAL: 1" = 40'
VERTICAL: 1" = 5'



TEMPORARY BENCHMARK #1

A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN ASPHALT PAVEMENT, AS SHOWN ON SHEET 13. ELEVATION = 5493.85 FEET

TEMPORARY BENCHMARK #2

A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184", AS SHOWN ON SHEET 13. ELEVATION = 5489.78 FEET

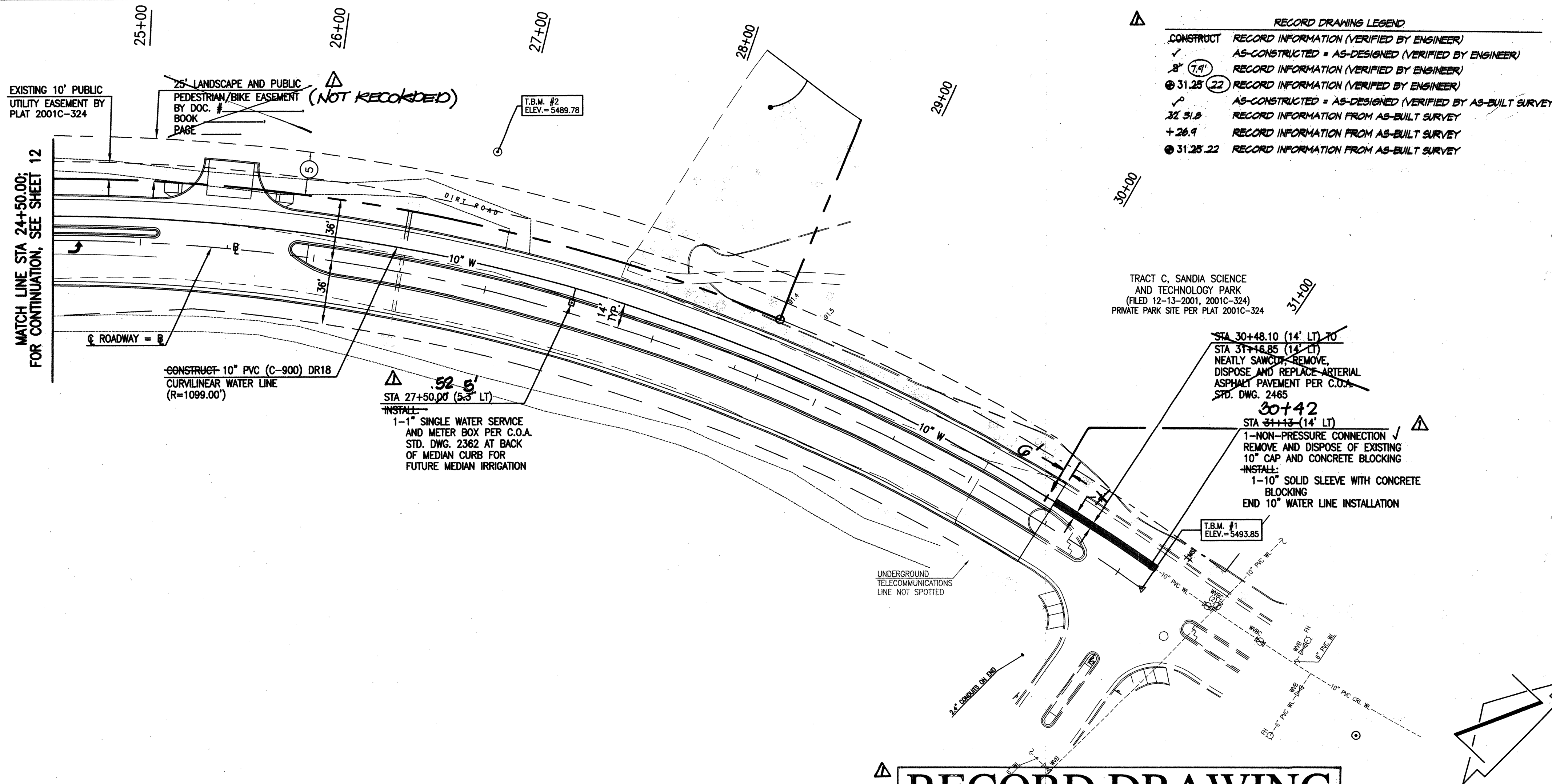
SURVEY NOTE:

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HIGH MESA Consulting Group
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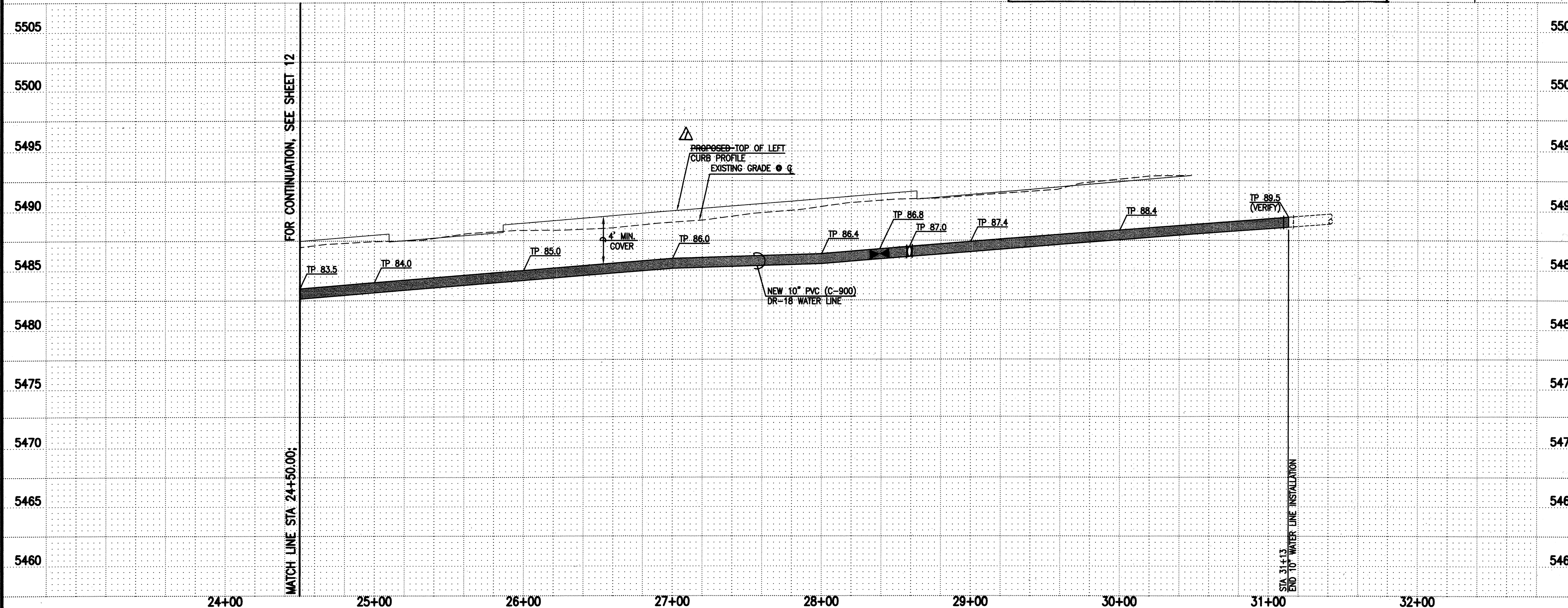
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: PUBLIC WATER AND PRIVATE FIRE LINE IMPROVEMENTS - PLAN AND PROFILE INNOVATION PARKWAY S.E. STA 16+94.93 TO STA 24+50.00 TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK	
Design Review Committee APPROVE APR 23 2009	City Engineer Approval APPROVE AUG 13 2009 CITY ENGINEER
DESIGN REVIEW COMMITTEE	City Project No. 758582
Zone Map No. L-21	Sheet 12 of 15



INNOVATION PARKWAY S.E.

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1

SCALE:
HORIZONTAL: 1" = 40'
VERTICAL: 1" = 5'



HIGH MESA Consulting Group

6010-B MIDWAY PARK BLVD. NE • ALBUQUERQUE, NEW MEXICO 87109
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2007.188.8

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PUBLIC WATER LINE IMPROVEMENTS - PLAN AND PROFILE
INNOVATION PARKWAY S.E. STA 24+50.00 TO STA 31+13.23
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

DESIGN REVIEW COMMITTEE
APPROVE
APR 23 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER
APPROVE
AUG 13 2009
CITY ENGINEER

City Project No. 758582
Zone Map No. L-21
Sheet 13 of 15

10+00

11+00

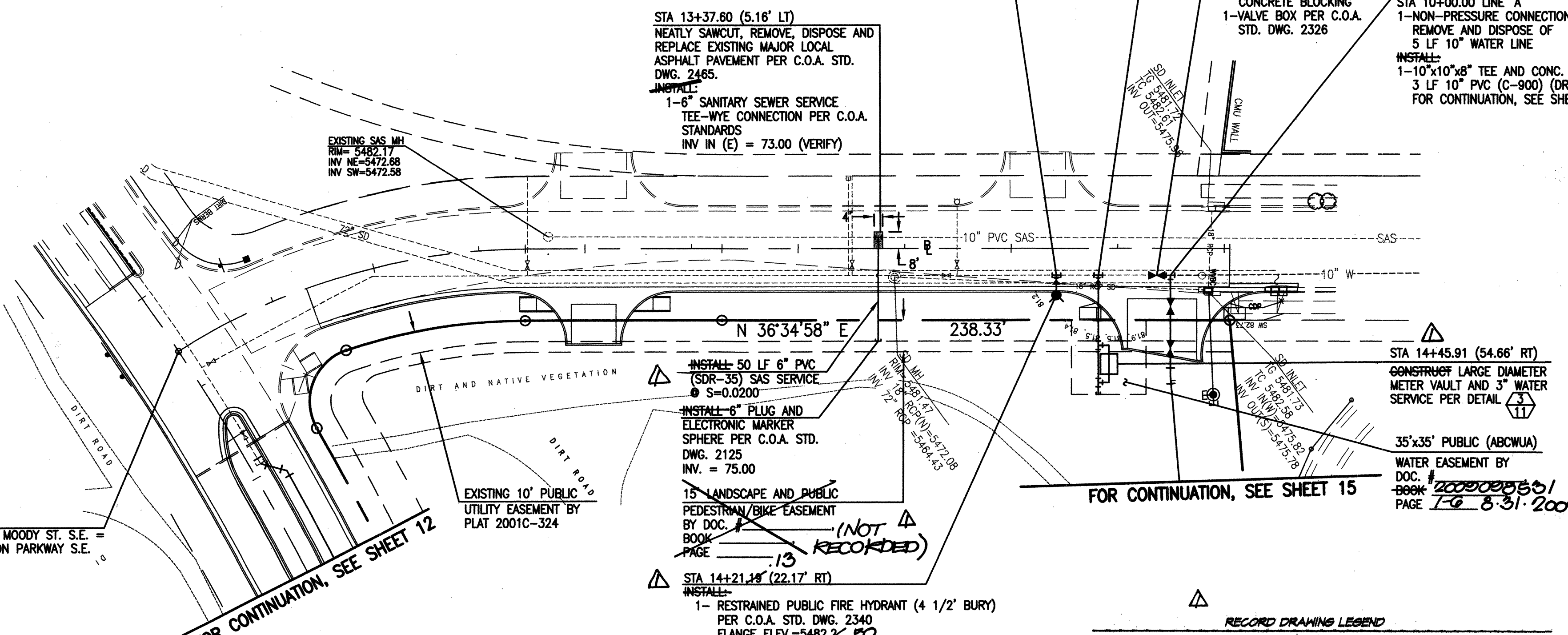
12+00

13+00

14+00

15+00

EQUATION:
STA 10+00.00 STEPHEN MOODY ST. S.E. =
STA 16+30.40 INNOVATION PARKWAY S.E.



STEPHEN MOODY STREET S.E.

RECORD DRAWING LEGEND

CONSTRUCT	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY ENGINEER)
8" (14")	RECORD INFORMATION (VERIFIED BY ENGINEER)
31.25 (22)	RECORD INFORMATION (VERIFIED BY ENGINEER)
✓	AS-CONSTRUCTED = AS-DESIGNED (VERIFIED BY AS-BUILT SURVEY)
31.25	RECORD INFORMATION FROM AS-BUILT SURVEY
31.25	RECORD INFORMATION FROM AS-BUILT SURVEY
31.25	RECORD INFORMATION FROM AS-BUILT SURVEY

SCALE:
HORIZONTAL: 1" = 40'
VERTICAL: 1" = 5'

RECORD DRAWING
FOR CERTIFICATION, SEE SHEET 1

ELEVATIONS ARE IN NAVD 1988

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 DR18 PIPE OR AS APPROVED BY THE WATER AUTHORITY. 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 THE WATER AUTHORITY. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- 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 DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- ELECTRONIC MARKER SPHERES SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
- IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZABLE 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 THE WATER AUTHORITY PERSONNEL.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	PROJECT	DATE	NO.	BY
Bill's Brothers	11/27/09	ACS 3 1/4" ALUMINUM CAP STAMPED "ACS 6-L21, 1986" SET IN THE TOP OF A MEDIAN CURB AT THE EASTERN PORTION OF THE INTERSECTION OF CENTRAL AVENUE AND ELIZABETH STREET IN A TRAFFIC ISLAND. ELEVATION = 5503.28 FEET (NAVD 88)	10-2007	2007.181.6	HMC

TEMPORARY BENCHMARK #1
A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN ASPHALT PAVEMENT, AS SHOWN ON SHEET 13.
ELEVATION = 5493.85 FEET

TEMPORARY BENCHMARK #2
A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184", AS SHOWN ON SHEET 13.
ELEVATION = 5489.78 FEET

SURVEY NOTE:
THIS IS NOT A BOUNDARY SURVEY. DATA IS SHOWN FOR ORIENTATION ONLY. BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON THE BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, DATED OCTOBER 17, 2007 (NMPS #11184). THE TOPOGRAPHIC INFORMATION DEPICTED HEREON IS BASED UPON THE TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, DATED OCTOBER 17, 2007 (NMPS #11184).

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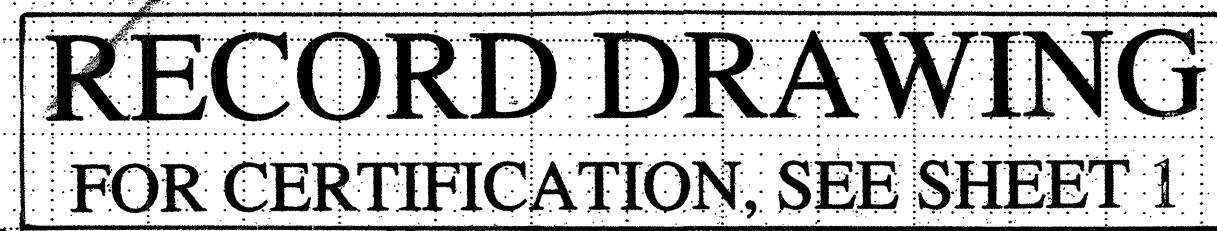
2007.188.8

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PUBLIC WATER AND SANITARY SEWER LINE IMPROVEMENTS - PLAN AND PROFILE
STEPHEN MOODY ST. S.E. - STA 10+00.00 TO STA 14+74.78
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

Design Review Committee	City Engineer Approval
APPROVE APR 23 2009 DESIGN REVIEW COMMITTEE	APPROVE AUG 13 2009 CITY ENGINEER

City Project No.	Zone Map No.	Sheet	Of
758582	L-21	14	15



TEMPORARY BENCHMARK #1
A C.O.A. ALUMINUM CENTERLINE MONUMENT SET IN
ASPHALT PAVEMENT, AS SHOWN ON SHEET 13.
ELEVATION = 5493.85 FEET

TEMPORARY BENCHMARK #2
A #5 REBAR W/CAP STAMPED "JMA CONTROL NMPS 11184",
AS SHOWN ON SHEET 13.
ELEVATION = 5489.78 FEET

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HEREON IS BASED UPON THE TOPOGRAPHIC SURVEY PREPARED BY
HIGH MESA CONSULTING GROUP, DATED OCTOBER 17, 2007
(NMPS #11184).

2007.188.8

TITLE: PRIVATE WATER LINE IMPROVEMENTS - PLAN AND PROFILE
LINE A (PRIVATE) - STA 10+00.00 TO STA 14+67.61
TRACT A, SANDIA SCIENCE AND TECHNOLOGY PARK

City Engineer Approval
APPROVE
AUG 13 2009
CITY ENGINEER

Zone Map No.
L-21

[illegible]