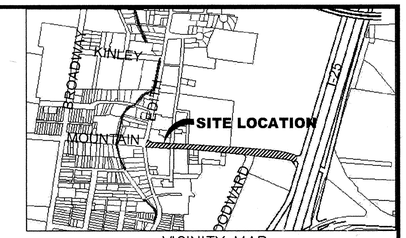
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT



VICINITY MAP
ZONE ATLAS MAP NO. J-15

CONSTRUCTION PLANS
FOR
MOUNTAIN RD
SD IMPROVEMENTS

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE INDICATED RECORD DRAWINGS ARE BASED UPON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR IN THE FORM OF RED-LINED CONSTRUCTION DRAWING MARKUPS TO THE ORIGINAL DESIGN DRAWINGS. THE TRANSFER OF INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. HOWEVER, I HAVE NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR AND SHALL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS. ALL INFORMATION INCLUDING VERTICAL AND HORIZONTAL DIMENSIONS SHOULD BE FIELD VERIFIED PRIOR TO USE ON FUTURE PROJECTS.

NAME 3-16-11 DATE

INDEX

DESCRIPTION	SHEET NO.
COVER SHEET	1
GENERAL NOTES	2
POTHOLE PLAN	3
DEMOLITION PLAN	4
HORIZONTAL CONTROL PLAN	5
MOUNTAIN RD STORM DRAIN PLAN & PROFILE STA 10+00 TO 14+00	6
MOUNTAIN RD STORM DRAIN PLAN & PROFILE STA 14+00 TO 18+00	7
MOUNTAIN RD STORM DRAIN PLAN & PROFILE STA 18+00 TO 22+00	8
MOUNTAIN RD STORM DRAIN PLAN & PROFILE STA 22+00 TO 26+00	9
MOUNTAIN RD STREET PLAN & PROFILE STA 10+00 TO 14+00	10
MOUNTAIN RD STREET PLAN & PROFILE STA 14+00 TO 18+00	11
MOUNTAIN RD STREET PLAN & PROFILE STA 18+00 TO 22+00	12
MOUNTAIN RD STREET PLAN & PROFILE STA 22+00 TO 26+00	13
SAS RELOCATION SITE PLAN	14
MOUNTAIN RD/WALTER ST SEWER RELOCATION PLAN & PROFILE STA 10+00 TO 13+67.68	15
SAS RELOCATION MANHOLE DETAILS	16
STRIPING PLAN	17
DETAILS	18

APPROVED AS RECORD DRAWINGS
DMD/CSD
CITY CONSTRUCTION ENGINEER
BRYAN WOLFE P.E.
DATE: April 29, 2011

RECORD DRAWING
DATE 8/10

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	2,4,6,7,10,16,18		11-23-09		12-4-09		

ENGINEERS STAMP & SIGNATURE

APPROVALS	ENGINEER	DATE
DRC Chairman		11-13-09
Transportation		11-13-09
Water/Wastewater		11-13-09
Hydrology		11-13-09
Parks		
Constr. Mngmt.		
Constr. Coord.		

****
APPROVED FOR CONSTRUCTION
City Engineer 11-13-09 Date

City Project No. 7963.93
Sheet 1 Of 18

APPROVED FOR RECORD DRAWINGS
5-2-11
WATER AUTHORITY ENGINEER DATE

WILSON & COMPANY
4900 LANG AVE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072
www.wilsonco.com

WCEA FILE NO. 0960002200

Addendum #1

M:\IDS\09-600-022-00\CADD\SHEETS\01_GEN\96022_COV.dwg 9/29/2009 1:36:51 PM MDT

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE NO. 7 AND AMENDMENT NO. 1 DATED 08/19/2005.
2. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.
3. 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. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE–CALL SYSTEM, (505) 260–1990, FOR LOCATION OF EXISTING UTILITIES.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
6. CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON–SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
7. PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND IS PROHIBITED WITHIN THE CLEAR ZONE DAY OR NIGHT.
8. THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 16 FEET FROM THE EDGE OF DRIVING LANE. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
9. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION (857–8680) AND TONY ABBO, NMDOT DISTRICT 3 TRAFFIC ENGINEER (841–2700) THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED, OR REINSTALLED.
10. THE CONTRACTOR WILL BE REQUIRED TO CONFINE THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT OF WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.
12. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK PLAN FOR PEDESTRIAN IMPROVEMENTS TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO INITIATING ANY WORK AFFECTING PEDESTRIANS. THIS PLAN SHALL INCLUDE THE METHOD PROPOSED TO MAINTAIN PEDESTRIAN ACCESS TO BUSINESSES, SCHOOLS, HOSPITALS, BUILDINGS, ETC. THROUGHOUT THE PEDESTRIAN IMPROVEMENTS CONSTRUCTION IN PARTICULAR. THE CONTRACTOR, AT MINIMUM, SHALL MAINTAIN A 36" CLEAR PATH FOR PEDESTRIANS SO AS TO MEET ADA ACCESSIBILITY REQUIREMENTS.
13. THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS–BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER. THE FINAL AS–BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER AND THE CITY.
14. CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT FROM NMDOT DISTRICT 3 PRIOR TO BEGINNING ANY WORK. CALL 841–2700 FOR PERMIT APPLICATION FOR ANY WORK IN I–25 RIGHT OF WAY.
15. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.
16. ALL RADII OF CURB RETURNS ARE SHOWN TO THE FACE OF CURB AND, UNLESS OTHERWISE NOTED, ALL OFFSETS AND DIMENSIONS ARE TO THE FACE OF CURB. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.
17. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLAN AND PROFILE SHEETS ARE APPROXIMATE.
18. WHERE PULL BOXES ABUT THE BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 3/4" EXPANSION MATERIAL AROUND THE PULL BOX. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.
19. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
20. THE CONTRACTOR SHALL VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF THE STANDARD CITY DETAILS.
21. WHEN APPEARING IN ANY PORTION OF THIS CONTRACT, THE WORDS "PLANT MIX BITUMINOUS PAVEMENT" (PMBP) WILL HAVE THE SAME MEANING AS AND MAY BE USED INTERCHANGEABLY WITH THE WORDS "ASPHALT CONCRETE".
22. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS. THE WORK SHALL BE AS DIRECTED BY THE PROJECT MANAGER.
23. THE SUBGRADE PREP SHALL EXTEND ONE (1) FOOT BEYOND THE BACK OF CURB.
24. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REMOVE AND REPLACE AS PER COA STANDARDS, AS APPLICABLE, AT THEIR OWN EXPENSE.
25. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.
26. ALL CONSTRUCTION DEBRIS, SPOIL AND NON–SALVAGEABLE ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND PROPER DISPOSAL OF THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY HAUL COSTS ASSOCIATED WITH THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.
27. ALL VALLEY GUTTERS ARE 6' WIDE UNLESS OTHERWISE NOTED.
28. ALL FINISHED GRADES AND PROFILES SHOWN ARE FLOWLINE GRADES, UNLESS OTHERWISE NOTED.
29. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED PER STD DWG 2415A BY THE CONTRACTOR AT HIS EXPENSE.
30. ONLY ABCWUA HAS THE AUTHORITY TO OPERATE VALVES.
31. ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER COA STANDARDS, SECTION 701.
32. ANY EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
33. STRUCTURAL FILL FOR EMBANKMENTS, PAVEMENTS, AND STRUCTURES SHALL BE PLACED IN LIFTS THAT, FOLLOWING COMPACTION, DO NOT EXCEED 8". FILLS SHALL BE COMPACTED AT MOISTURE CONTENTS WITHIN +/– 2% OF OPTIMUM MOISTURE CONTENT. SELECT STRUCTURAL FILL AROUND CULVERTS AND OTHER STRUCTURES SHOULD BE COMPACTED, USING HAND OPERATED COMPACTION EQUIPMENT AND IN LIFTS NOT EXCEEDING 4", TO THE DENSITY AND MOISTURE CONTENT SPECIFIED ABOVE. THE UPPER 12" OF ROADBEDS SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY (ASTM 1557).
34. ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED AND TO PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING AND EXPOSING OF EXISTING UTILITIES (POTHOLING) TO CONFIRM SIZE, LOCATION, ETC. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT.
35. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD THE CONTRACTOR BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.
36. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.
37. THE ABCWUA (768–2500) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE COA STANDARD SPECIFICATIONS.
38. THE CONTRACTOR SHALL ADJUST TO GRADE, ALL WATER VALVE BOXES, SANITARY SEWER MANHOLES, AND STORM DRAIN MANHOLES WHICH MAY BE AFFECTED BY THIS CONTRACT.
39. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
40. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE NO. 7.
41. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF DEBRIS, INCLUDING BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
42. PERMANENT PAVEMENT STRIPING AND MARKINGS SHALL 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 THERMOPLASTIC (90 MIL THICKNESS) IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
43. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI–FREE WORK SITE AND SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
44. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
45. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY.
46. STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.
47. VIBRATION MONITORING AND VIDEO TAPING SHALL BE PERFORMED IN AND AROUND ALL STRUCTURES AS DEFINED IN THIS GENERAL NOTE AND AS DIRECTED BY THE PROJECT MANAGER. "STRUCTURES" IS DEFINED AS BRIDGES, CULVERTS, CATCH BASINS, DROP INLETS, RETAINING WALLS, CRIBBING, MANHOLES, ENDWALLS, BUILDINGS, SEWERS, SERVICE PIPES, UNDER DRAINS, FOUNDATION DRAINS, AND OTHER SUCH FEATURES THAT MAY BE ENCOUNTERED IN THE WORK. THE CONSTRUCTION AREA AND AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION SHALL ALSO BE VIDEO TAPED. VIBRATION MONITORING, VIDEO–TAPING, AND RELATED WORK SHALL BE PERFORMED ACCORDING TO THE SPECIFICATIONS INCLUDED IN THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS OF THE CONTRACT BOOK AND PAID FOR AT THE LUMP SUM CONTRACT PRICE FOR ITEM 1600.001 VIBRATION MONITORING, AND VIDEOTAPING, COMPLETE.
48. CONTRACTOR TO COORDINATE SUPPORT OF 14" GAS LINE WITH NEW MEXICO GAS COMPANY.
49. (1) ALL CONSTRUCTION FROM STA. 18+50 EAST WILL NOT BE ALLOWED UNTIL MAY 29TH 2010 AND WILL BE COMPLEATED BEFORE AUGUST 1ST 2010
50. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED–OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
51. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
52. ELECTRONIC MARKER DEVICES SHALL BE INSTALL AT ALL MANHOLES AND VALVE CANS THAT ARE CONSTRUCTED, RELOCATED OR ADJUSTED. ALL SERVICE LINES SHALL BE A CONTINUOUS. NO SPLICES ARE ALLOWED IN WATER SERVICE LINES FROM THE TAP IN THE MAIN LINE TO THE METER.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED:

- ☒ 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 BY THE 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, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE. RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF CONSTRUCTION.

RECORD DRAWING
DATE 8/10

UTILITY CONTACTS

COMPANY	PHONE	MOBILE	CONTACT
ABCWUA	505–768–2713		ANTHONEY MONTOYA, JR.
NM GAS COMPANY	505–697–3529	505–362–5790	JOE DUNLOP
NM GAS COMPANY	505–697–3599	505–681–4423	TOM BULLARD
NM GAS COMPANY	505–798–3397	505–239–9826	JOE RICE
AT&T	303–620–2254	720–620–2254	DAVID STOCKTON
AT&T	714–761–6221		WALTER WERSTIUK
MCI WORLDCOM	505–346–4470		ANDY DARNELL
COMCAST	505–761–6252		MIKE MORTUS
TIME WARNER TELECOM	505–938–7339		ROYAL HARRISON
PNM ELECTRIC CO	505–241–3637		ANTHONY KOZLOWSKI
QWEST	505–245–8352		RITA JARAMILLO
MCLEOD USA	505–217–0038		RICK MUELLER
QWEST LONG DISTANCE	505–246–0501		LARRY KELLY
REDFLEX TRAFFIC SYSTEMS	623–207–2000		BRIAN KORITO

AS BUILT INFORMATION
CONTRACTOR SALS BROS. DATE 8/10
WORK STAKED BY SURVEY-TEK DATE 8/10
AS-BUILTS ACCEPTANCE BY COA DATE 8/10
FIELD VERIFICATION BY COA DATE 8/10
DRAWINGS CORRECTED BY WCI DATE 8/10
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS 1¾" ALUMINUM DISK. STAMPED "ACS BM, 11–J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-4-09
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY
1	11-23-09	REVISED NOTES AND LINE WORK	JIF

DESIGN
DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348–4000
FAX (505) 348–4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

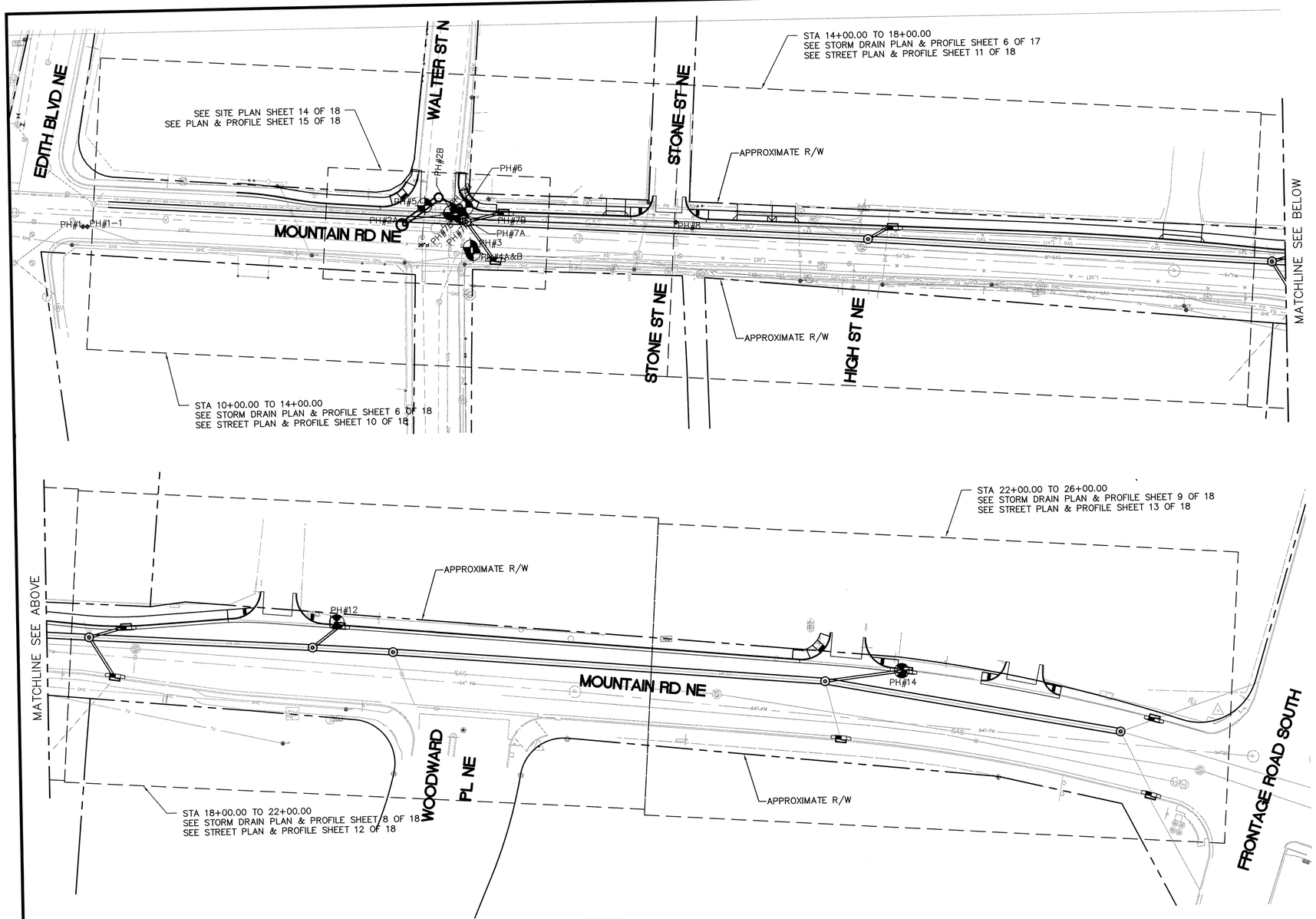
TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
GENERAL NOTES

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J–15 | Sheet 2 Of 18

ADDENDUM #1

M:\IDS\09–600–022–00\CADD\SHEETS\01_GEN\96022_GEN.DWG 6/9/2009



POTHOLE LISTING FOR MOUNTAIN ROAD

08/17/09

POTHOLE #	NORTHING	EASTING	@ GRND ELEV	TYPE	MATERIAL	DIA	DEPTH of UTILITY TO TOP	DEPTH of UTILITY TO BOTTOM	PAVEMENT THICKNESS
POTHOLE #1	1489781.716	1523897.826	4976.12	COMM	NOT FOUND	--	48"	--	4" ASPHALT
POTHOLE #1-1	1489781.681	1523900.878	4976.32	COMM	NOT FOUND	--	48"	--	4" ASPHALT
POTHOLE #4A	1489758.017	1524166.140	4985.06	SAS	PVC	10"	71'	--	4" ASPHALT
POTHOLE #4B	1489758.017	1524166.140	4985.06	COMM	NOT FOUND	--	96"	--	4" ASPHALT
POTHOLE #3	1489762.186	1524164.409	4985.05	H2O	NOT FOUND	--	120"	--	4" ASPHALT
POTHOLE #7A	1489783.774	1524157.934	4984.93	GAS	METAL	14"	26"	--	4" ASPHALT
POTHOLE #7B	1489784.354	1524157.169	4984.93	SD	PVC	8"	19"	--	4" ASPHALT
POTHOLE #6	1489789.666	1524161.729	4984.86	H2O	COPPER	3/4"	28"	--	4" ASPHALT
POTHOLE #2A	1489785.830	1524151.139	4984.57	H2O	PVC	6"	38"	--	4" ASPHALT
POTHOLE #2B	1489786.504	1524151.732	4984.60	GAS	WRAPPED METAL	2"	48"	--	4" ASPHALT
POTHOLE #5	1489791.560	1524133.393	4983.99	H2O	METAL	6"	46"	--	4" ASPHALT
POTHOLE #8	1489776.647	1524306.165	4990.17	GAS	WRAPPED METAL	2"	27"	--	4" ASPHALT
POTHOLE #12	1489749.732	1524886.668	5014.07	GAS	METAL	14"	41"	--	3" CONCRETE
POTHOLE #14	1489709.135	1525274.973	5028.06	GAS	NOT FOUND	--	--	--	CONCRETE

RECORD DRAWING
DATE 8/10

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

AS BUILT INFORMATION
CONTRACTOR SALLS BROS. DATE 8/10
WORK STAKED BY SURV-TEK DATE 8/10
INSPECTOR'S ACCEPTANCE BY CDM DATE 8/10
FIELD VERIFICATION BY CDM DATE 8/10
DRAWINGS CORRECTED BY WCI DATE 8/10
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
-ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
TYLER J. ASENTON 16205 11-12-09 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

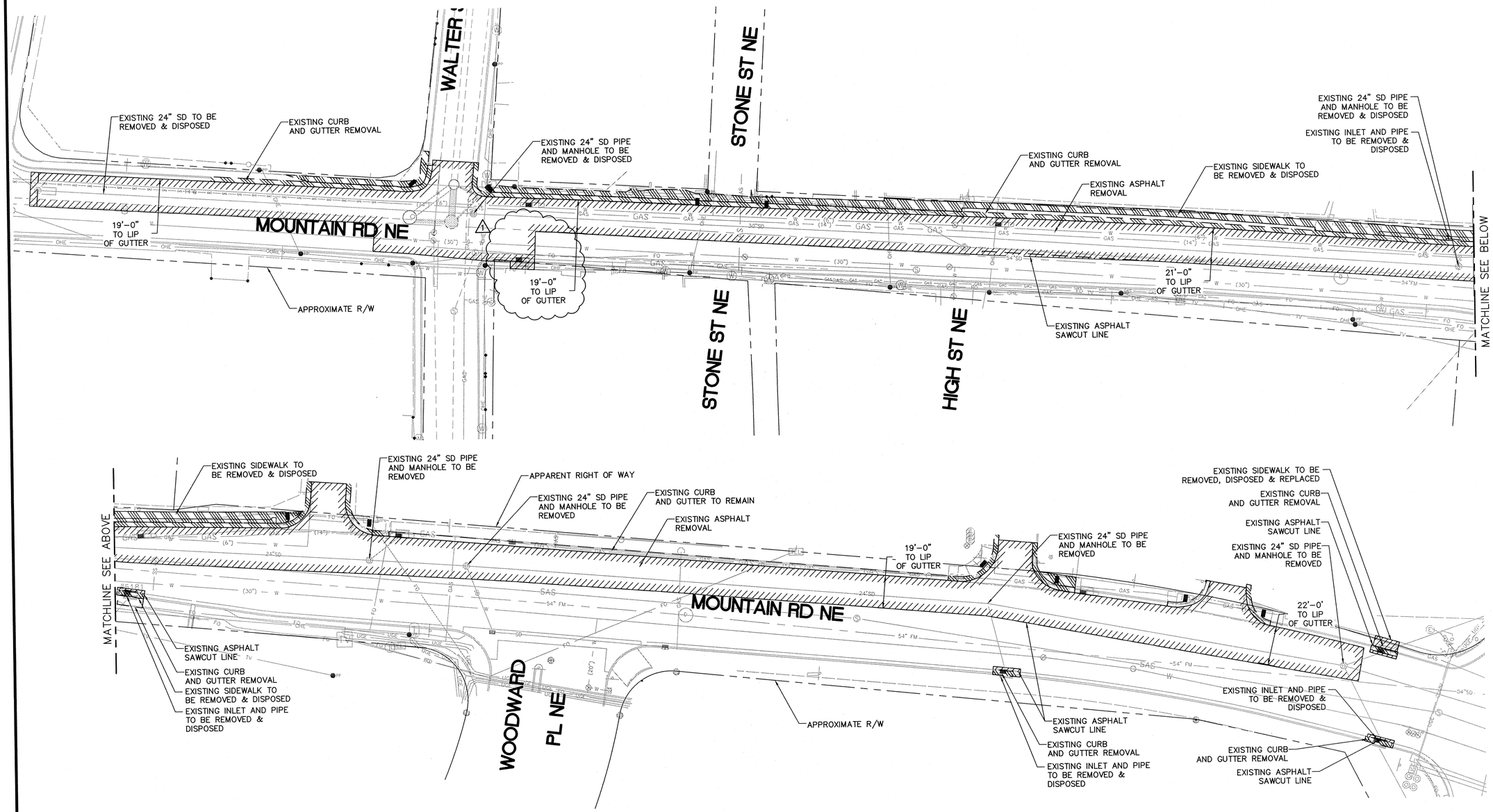
TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
POTHOLE PLAN

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 3 Of 18

Addendum #1

M:\IDS\09-600-022-00\CADD\SHEETS\02_SITE\96022_SITE.DWG 6/9/2009



RECORD DRAWING
DATE 8/10

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

AS BUILT INFORMATION

CONTRACTOR	SALS BROS	DATE 7/10
WORK STAKED BY	SURV-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL. NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-4-9
REGISTERED PROFESSIONAL ENGINEER

JIF

NO.	DATE	REMARKS	BY
1	11-23-09	REVISED NOTES AND LINE WORK	

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

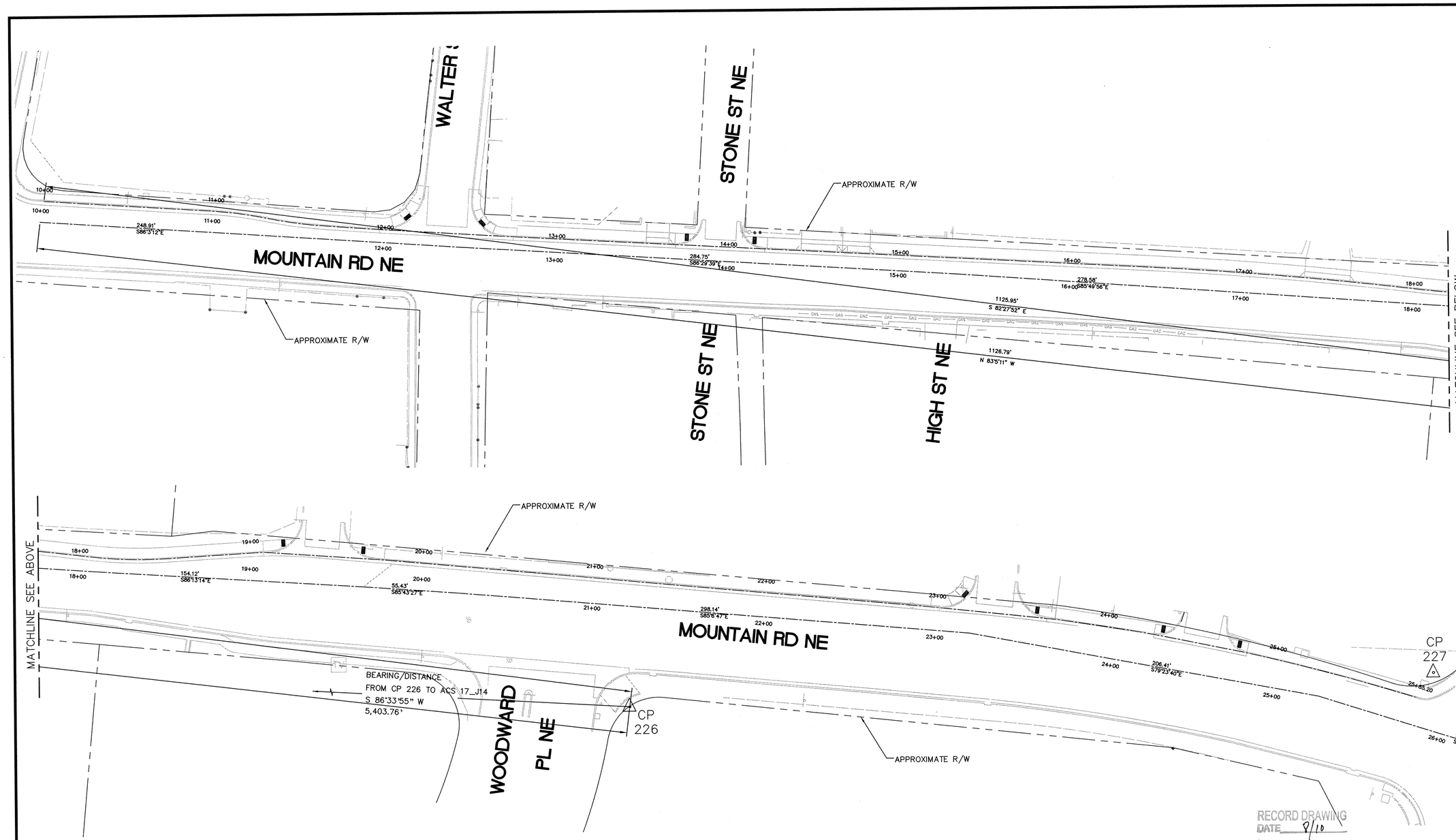
TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
DEMOLITION PLAN

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 4 Of 18

ADDENDUM #1

M:\IDS\09-600-022-00\CADD\SHEETS\02_SITE\96022_DEMO.DWG 6/9/2009



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: **MOUNTAIN RD. STORM DRAIN IMPROVEMENTS**
HORIZONTAL CONTROL PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE	APPROVED NOV 13 2009 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	5	18

Addendum #1

AS BUILT INFORMATION

		DATE
CONTRACTOR	SAULS BROS	8/10
WORK STAKED BY	SURV-TEK	8/10
INSPECTOR'S ACCEPTANCE BY	COA	8/10
FIELD VERIFICATION BY	COA	8/10
DRAWINGS CORRECTED BY	WC.I	8/10

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

BENCH MARKS

-ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL. NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. SHAW 16205 LICENSED PROFESSIONAL ENGINEER 11-12-09

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: JUN 2007

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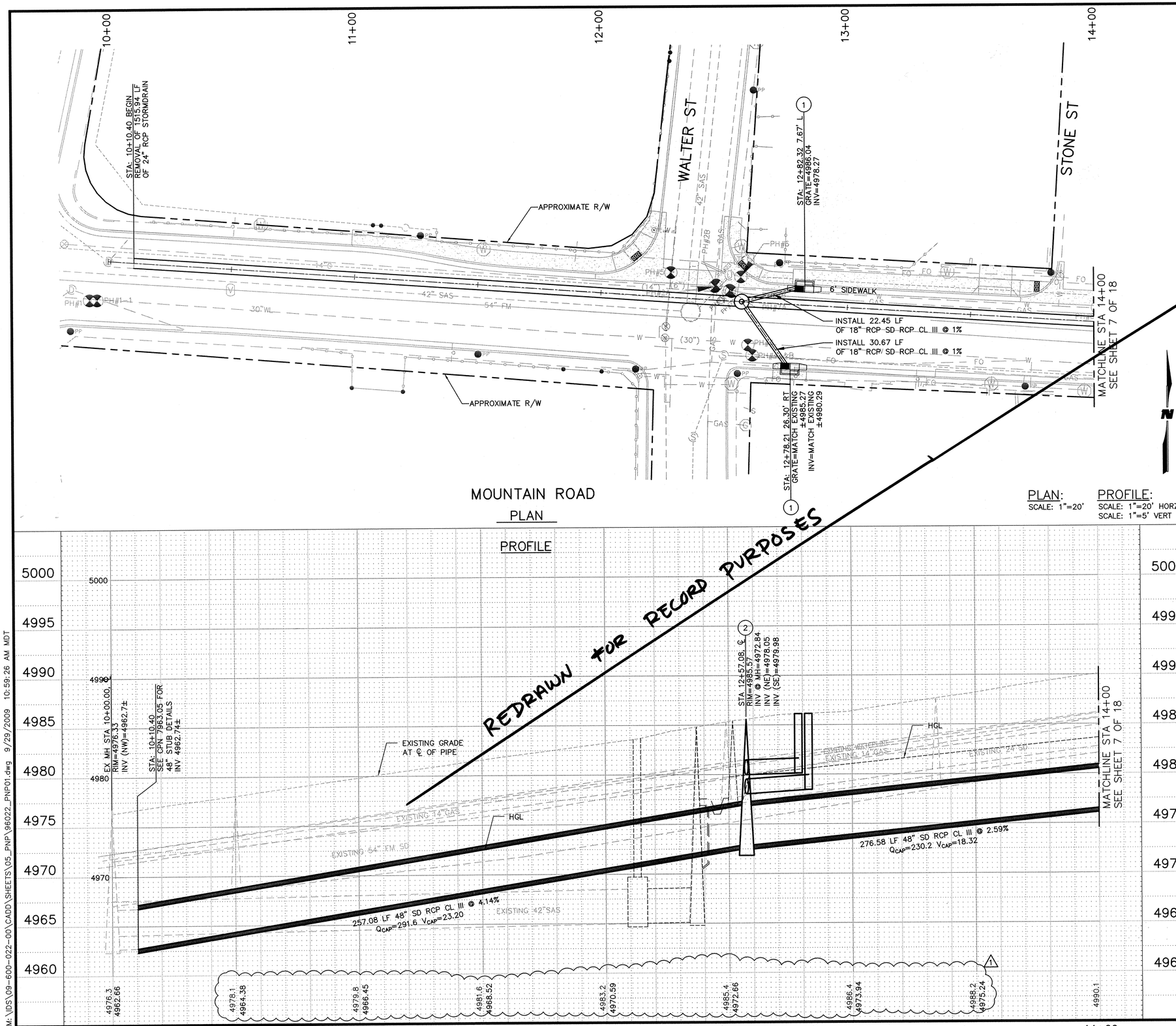

MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ SCALE: 1"=5' VERT

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

RECORD DRAWING
DATE 8/10

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SALLS BROS	DATE 8/10
WORK STAKED BY	SURV-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	COM	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

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ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-4-9
Registered Professional Engineer

NO.	DATE	REMARKS	BY
1	11-23-08	REVISED NOTES AND LINE WORK	JIF

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 10+00 TO STA 14+00

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER

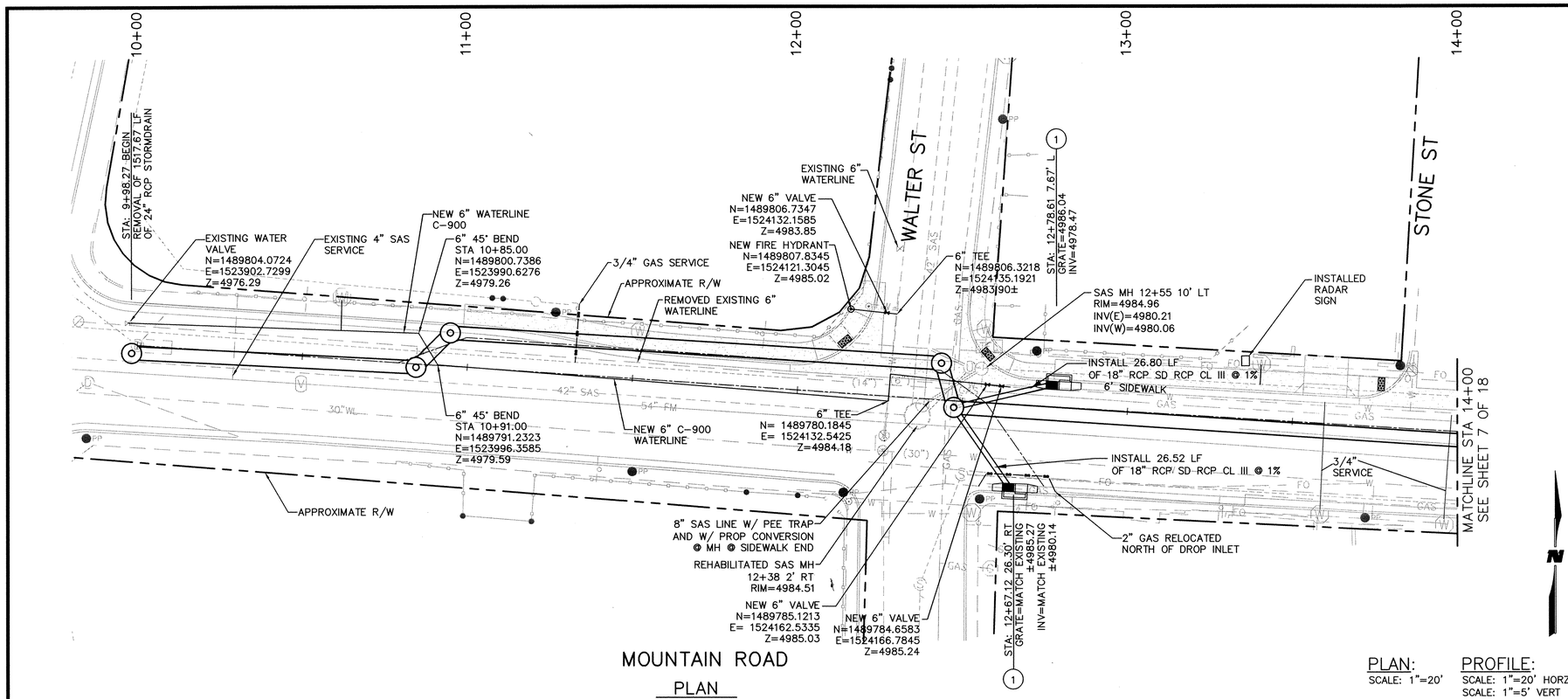
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 6 Of 18

ADDENDUM #1

SEE SHEET 6R

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP01.dwg 9/29/2009 10:59:26 AM MDT

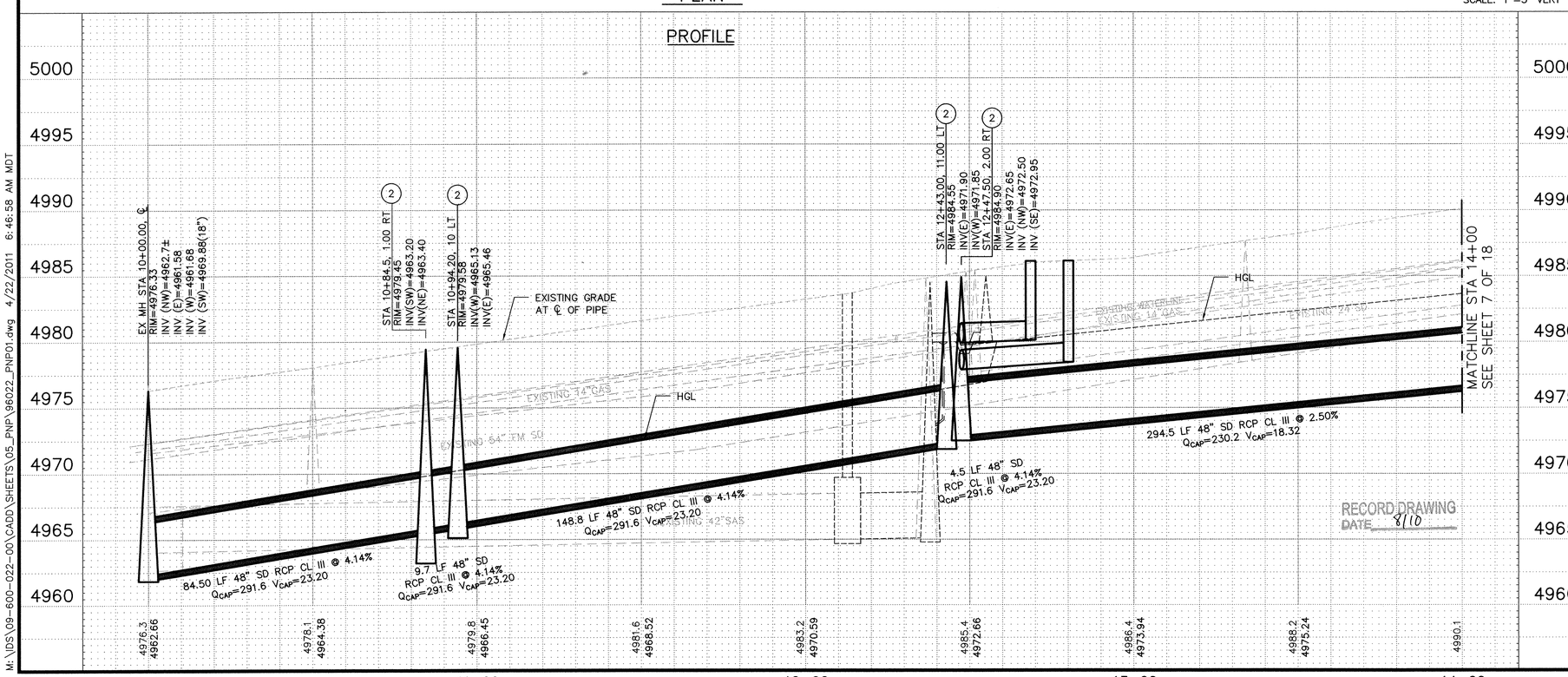


MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

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- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

AS BUILT INFORMATION

	DATE
CONTRACTOR	
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	
FIELD VERIFICATION BY	
DRAWINGS CORRECTED BY	
RECORDED BY	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM. 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 10+00 TO STA 14+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	6R	18

ADDENDUM #1

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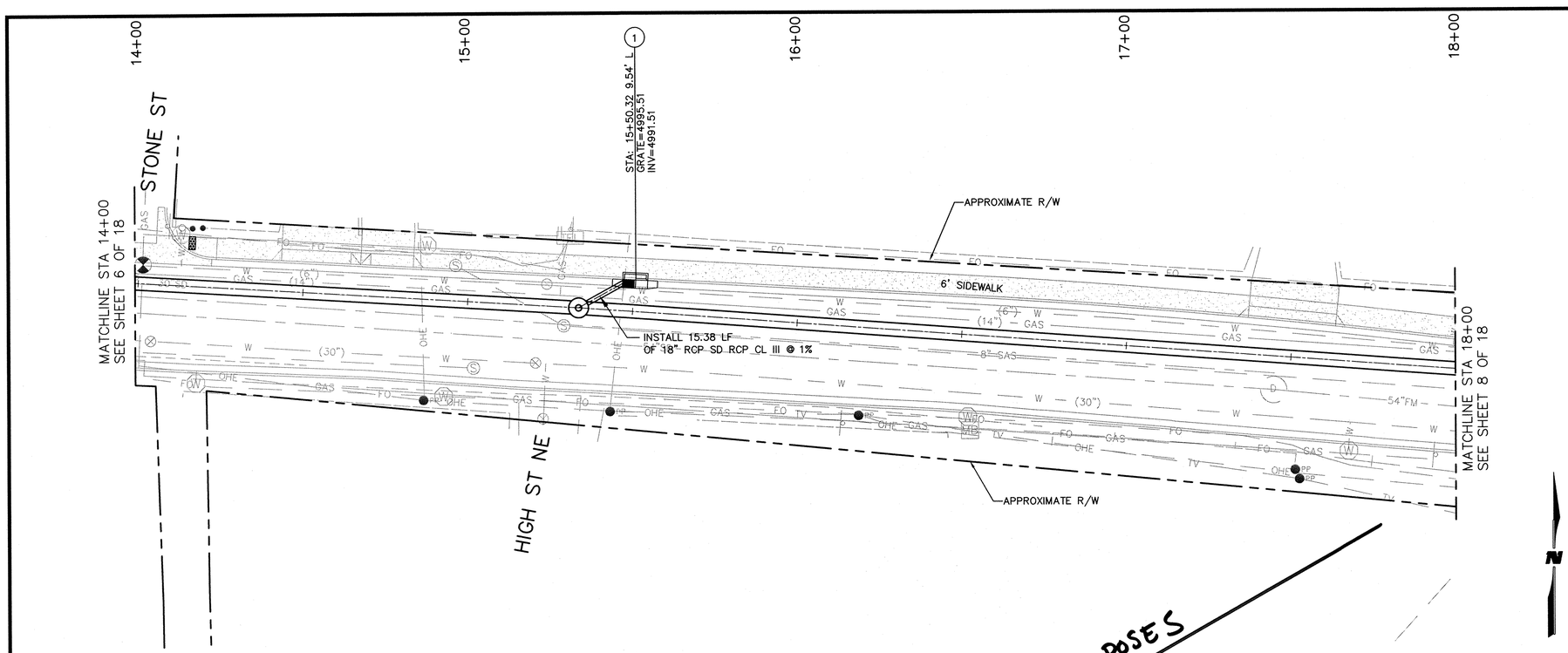


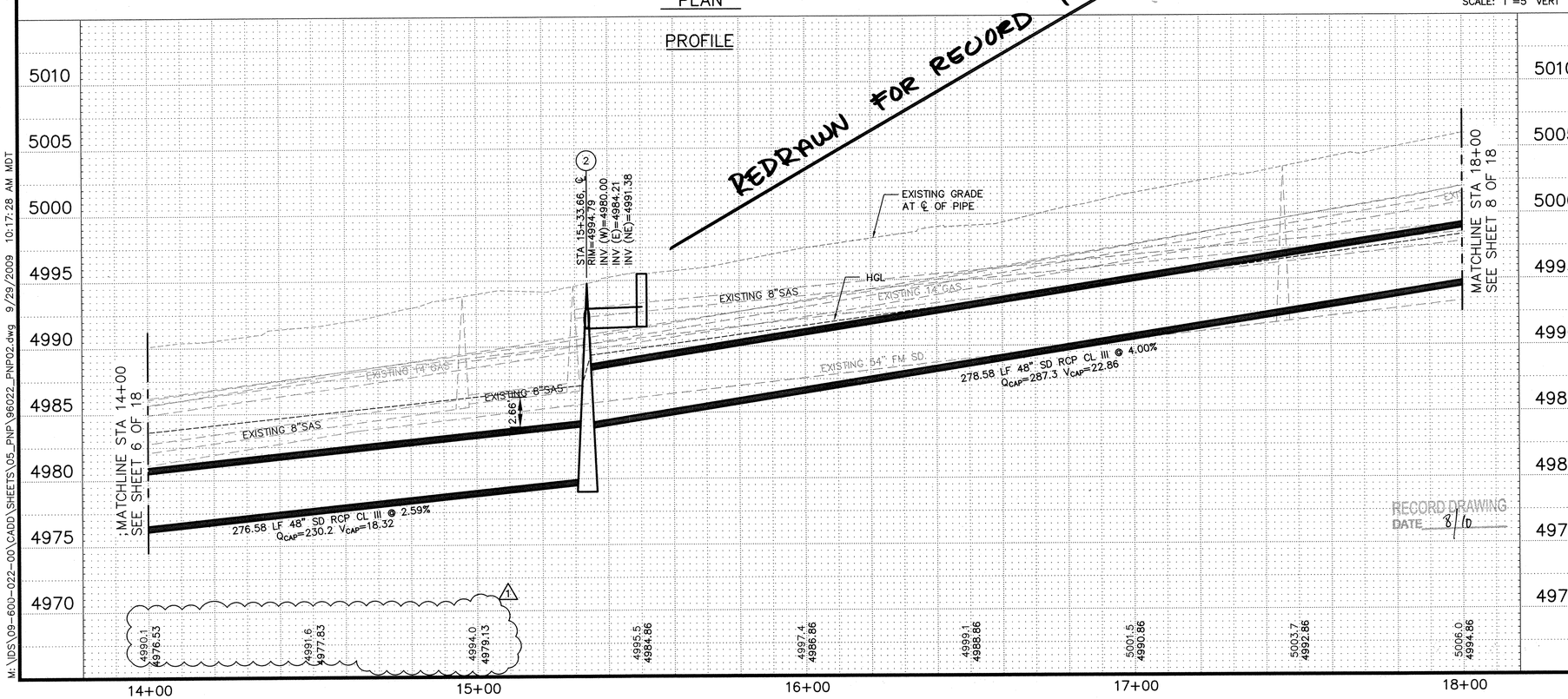
MOUNTAIN ROAD

PLAN

REDRAWN FOR RECORD PURPOSES

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER VALVE
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
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- POWER POLE
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- ELECTRICAL, TRANSFORMER
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- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SHULS BROS DATE 8/10
WORK STAKED BY	SURV-TEK DATE 8/10
AS-BUILTS ACCEPTANCE BY	COA DATE 8/10
FIELD VERIFICATION BY	COA DATE 8/10
DRAWINGS CORRECTED BY	LUCI DATE 8/10
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE ELEV=5021.86 (NGVD29)	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

CHRISTOPHER A. PEREA, NEW MEXICO, 13686, 12-4-9, REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	11-23-09	REVISED NOTES AND LINE WORK	JIF

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: **MOUNTAIN RD. STORM DRAIN IMPROVEMENTS**
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 14+00 TO STA 18+00

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 7 Of 18

ADDENDUM #1

SEE SHEET 7R

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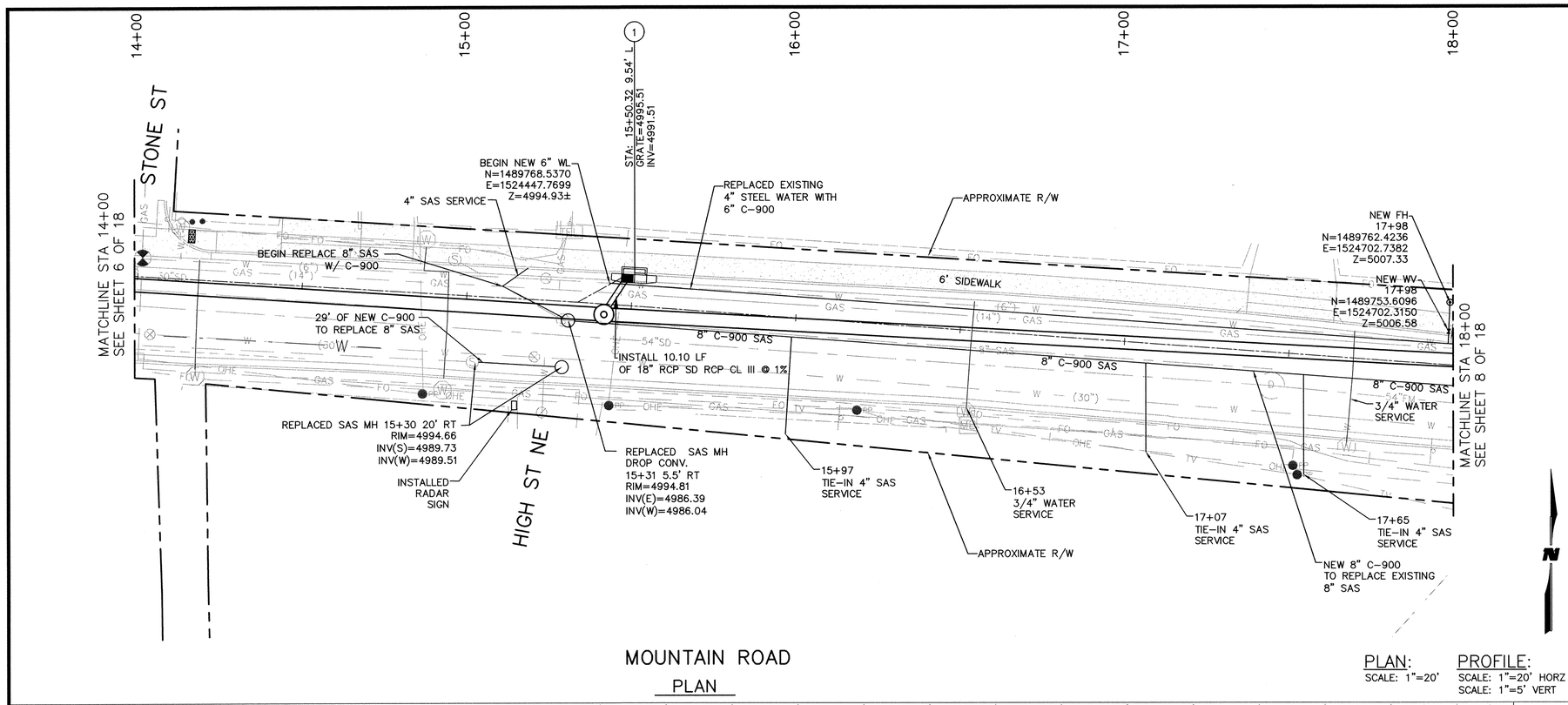


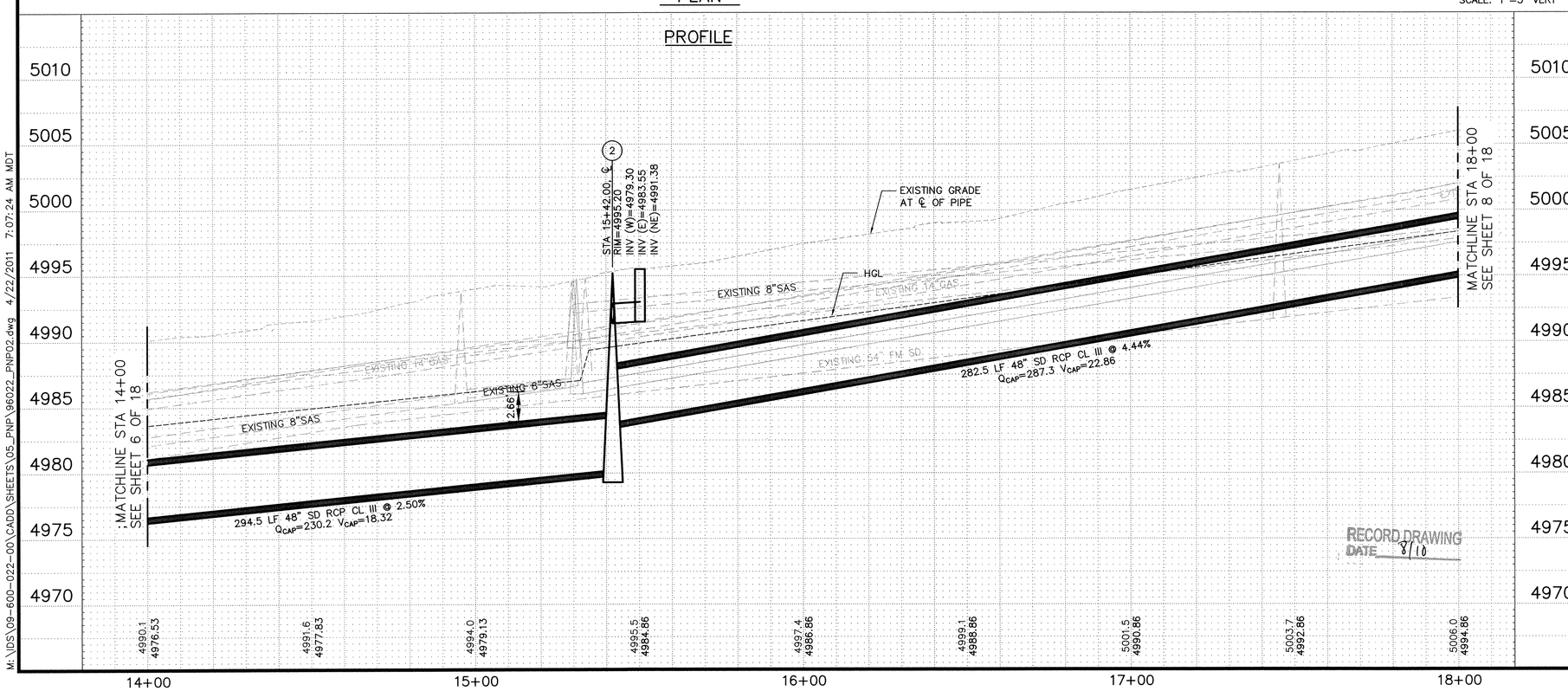
MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT

PROFILE



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
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4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
STAKING CHECKS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHTON
NEW MEXICO
16205
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA	DATE:	JUN 2007
DRAWN BY: JIF	DATE:	JUN 2007
CHECKED BY: MJI	DATE:	JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 14+00 TO STA 18+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	7R	18

ADDENDUM #1

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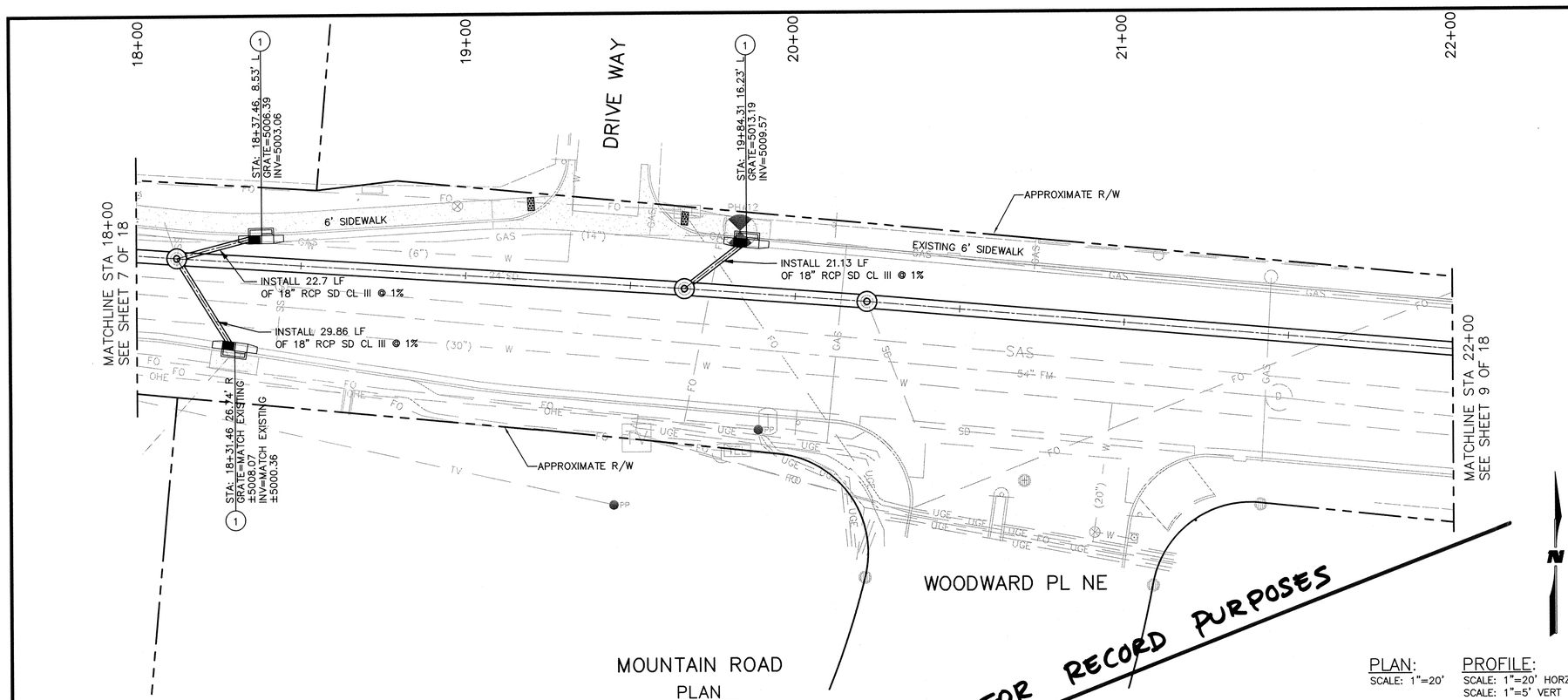


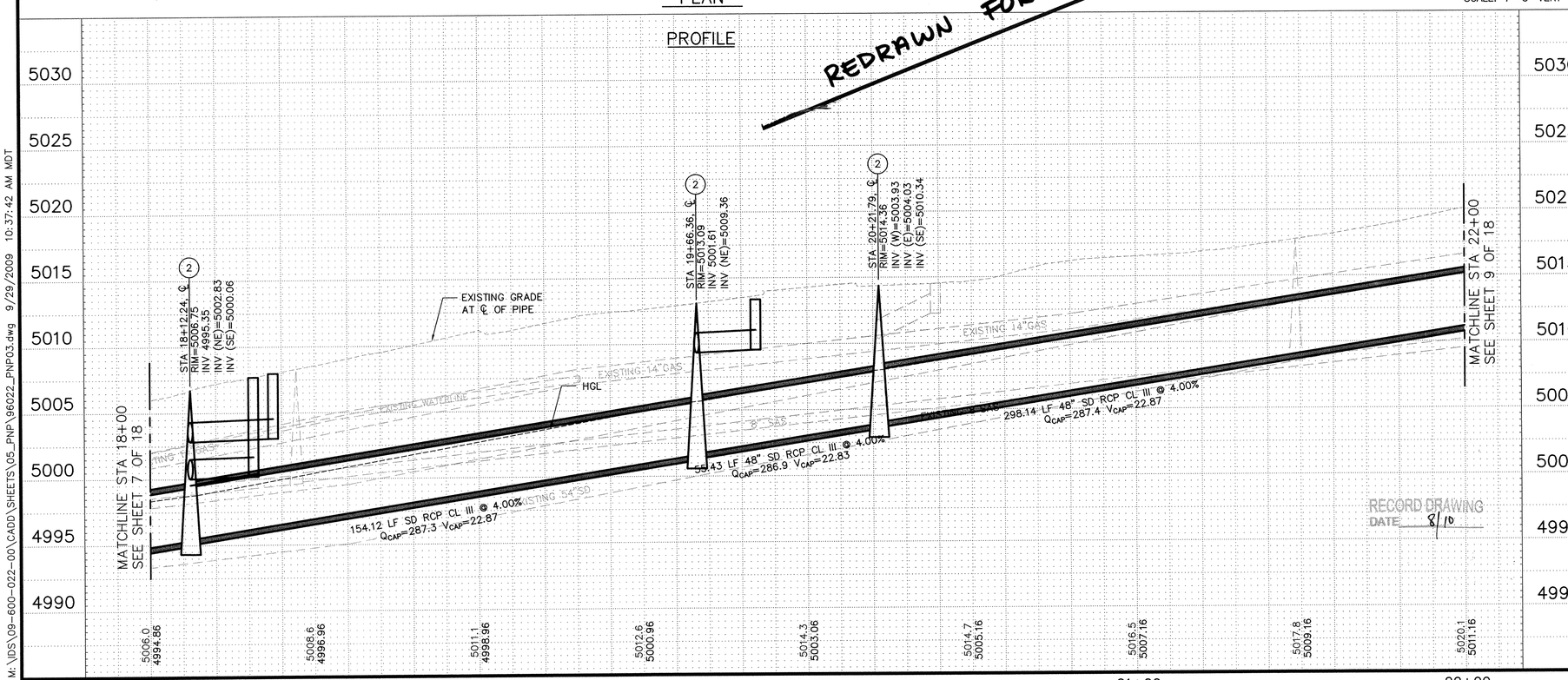
PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT

REDRAWN FOR RECORD PURPOSES

PROFILE



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER VALVE
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- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
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WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SKILLS BROS.	DATE 8/10
WORK STAKED BY	SURV-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TITLE: NEW MEXICO, 16205, 11-12-09, LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TJA — DATE: JUN 2007
DRAWN BY: JIF — DATE: JUN 2007
CHECKED BY: MJI — DATE: – JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 18+00 TO STA 22+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE	APPROVED NOV 13 2009 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	~~8~~	18

Addendum #1

SEE SHEET 8R

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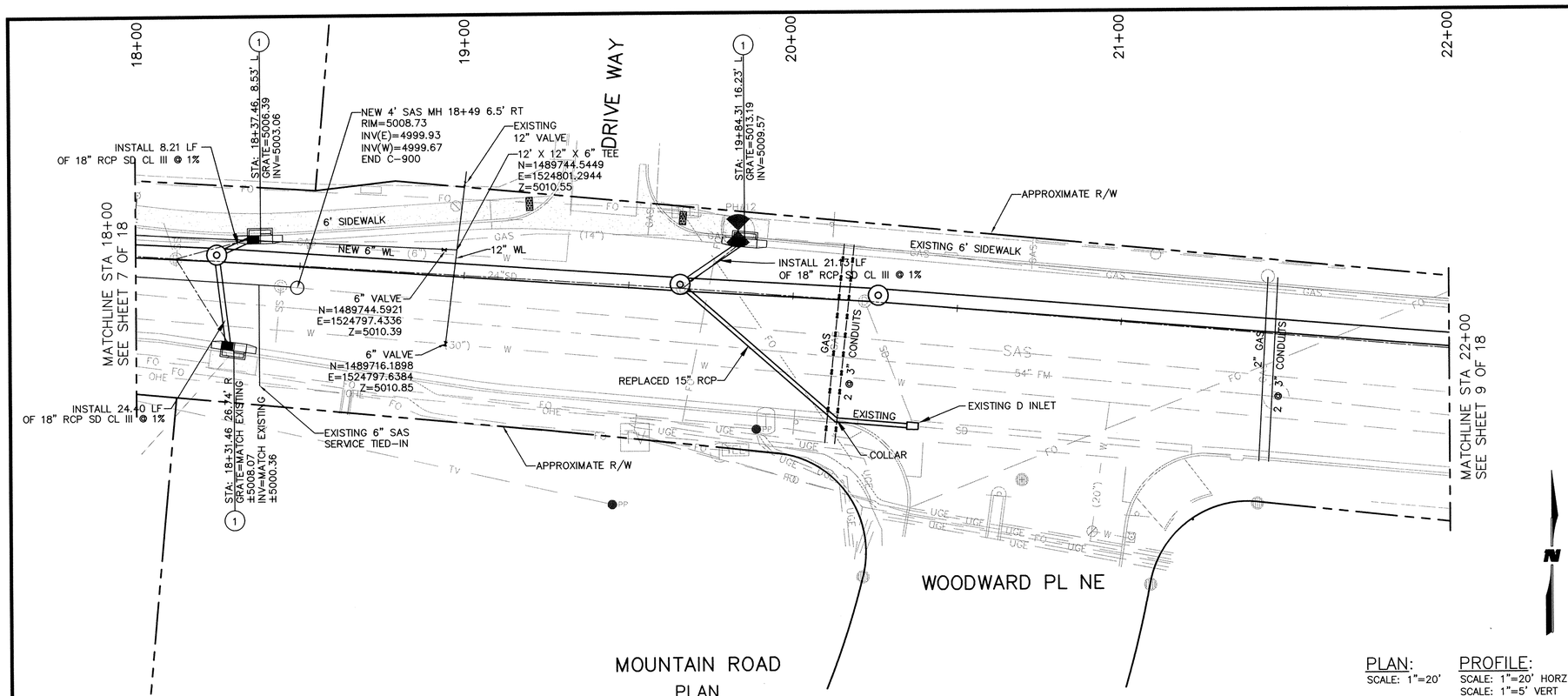
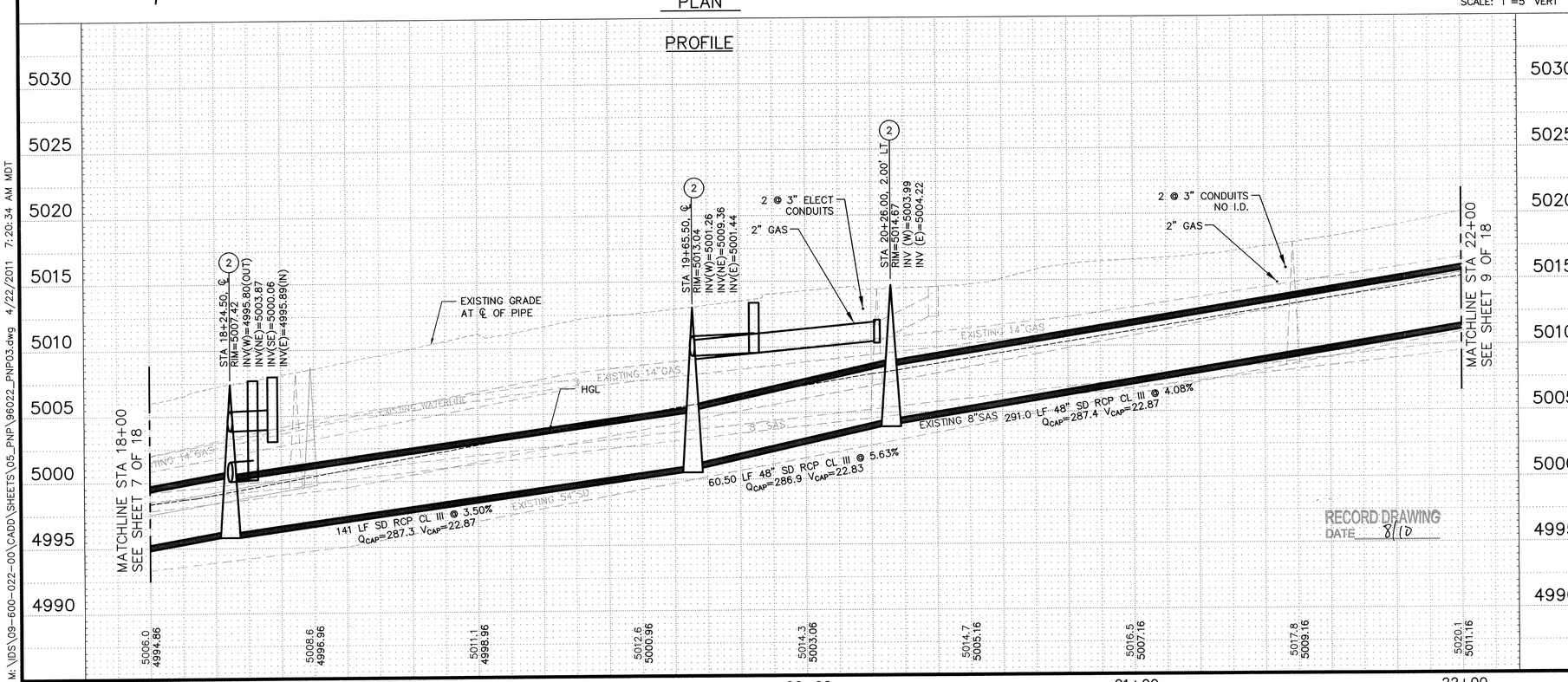


PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
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- WATER VALVE
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ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
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AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

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ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHBY
NEW MEXICO
16205
4-22-11
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

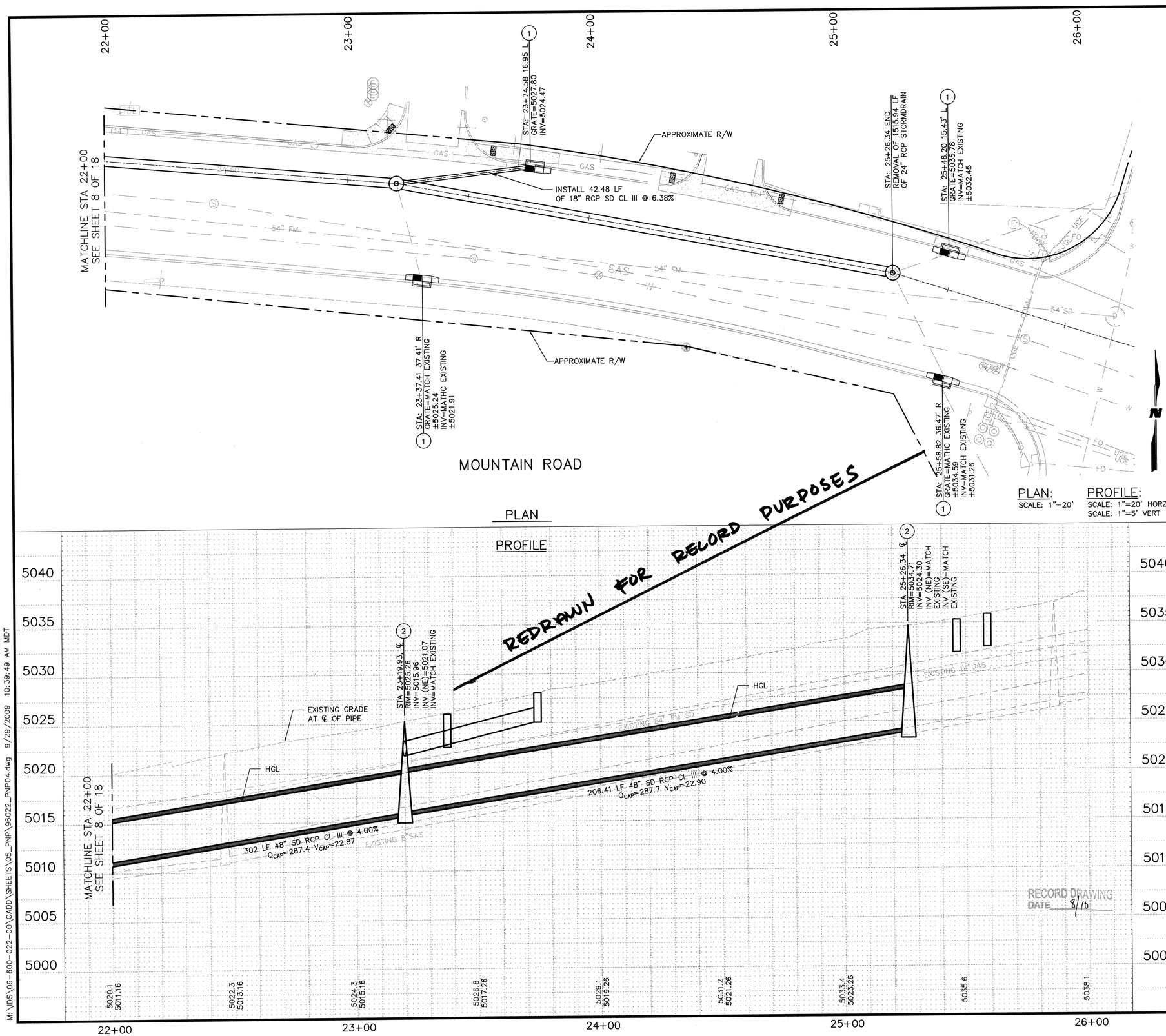
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 18+00 TO STA 22+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	8R	18

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP03.dwg 4/22/2011 7:20:34 AM MDT



PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT

RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2205 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

AS BUILT INFORMATION

CONTRACTOR	SHILLS BROS	DATE 8/10
WORK STAKED BY	SURV-TEK	DATE 8/10
ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL. NE

ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHTON 16205 LICENSED PROFESSIONAL ENGINEER 11-12-09

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 22+00 TO STA 26+00

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE

City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER

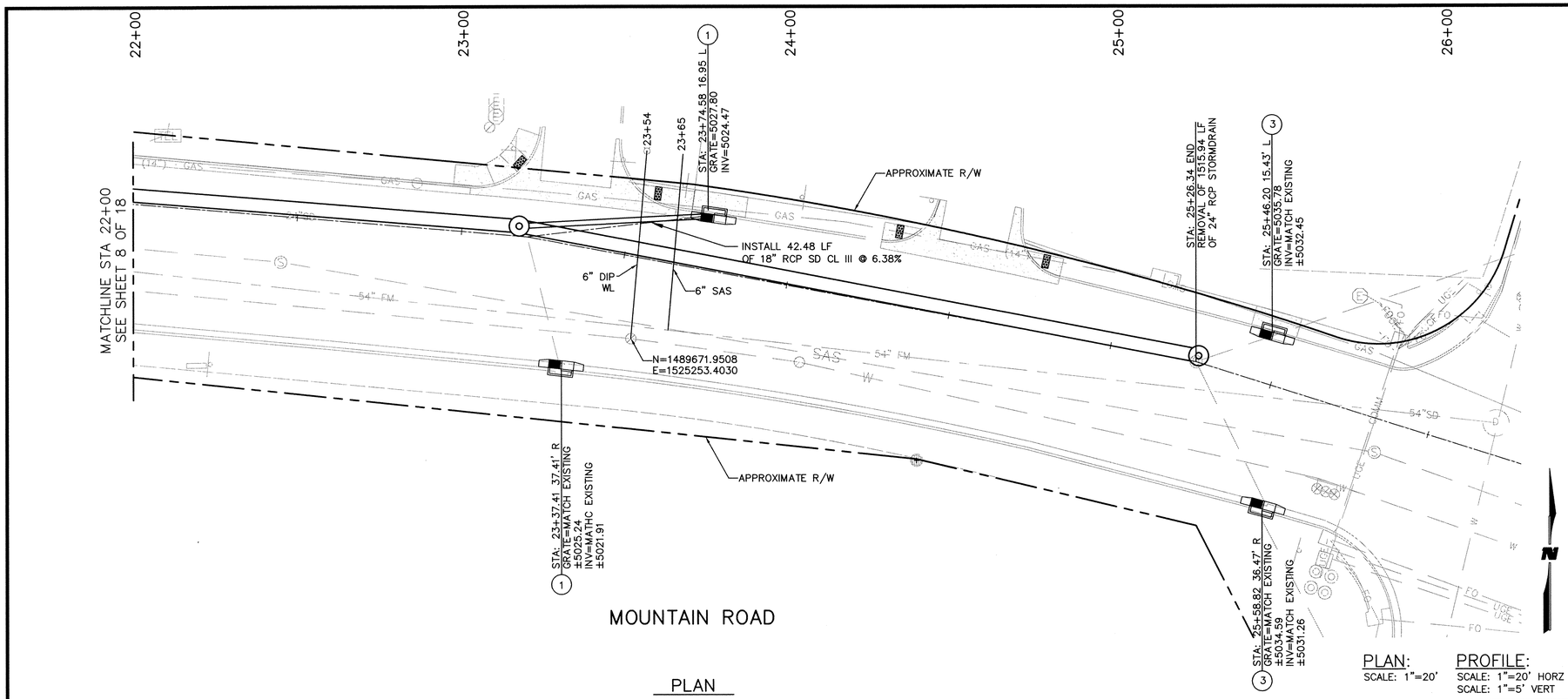
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet ~~9~~ Of 18

Addendum #1

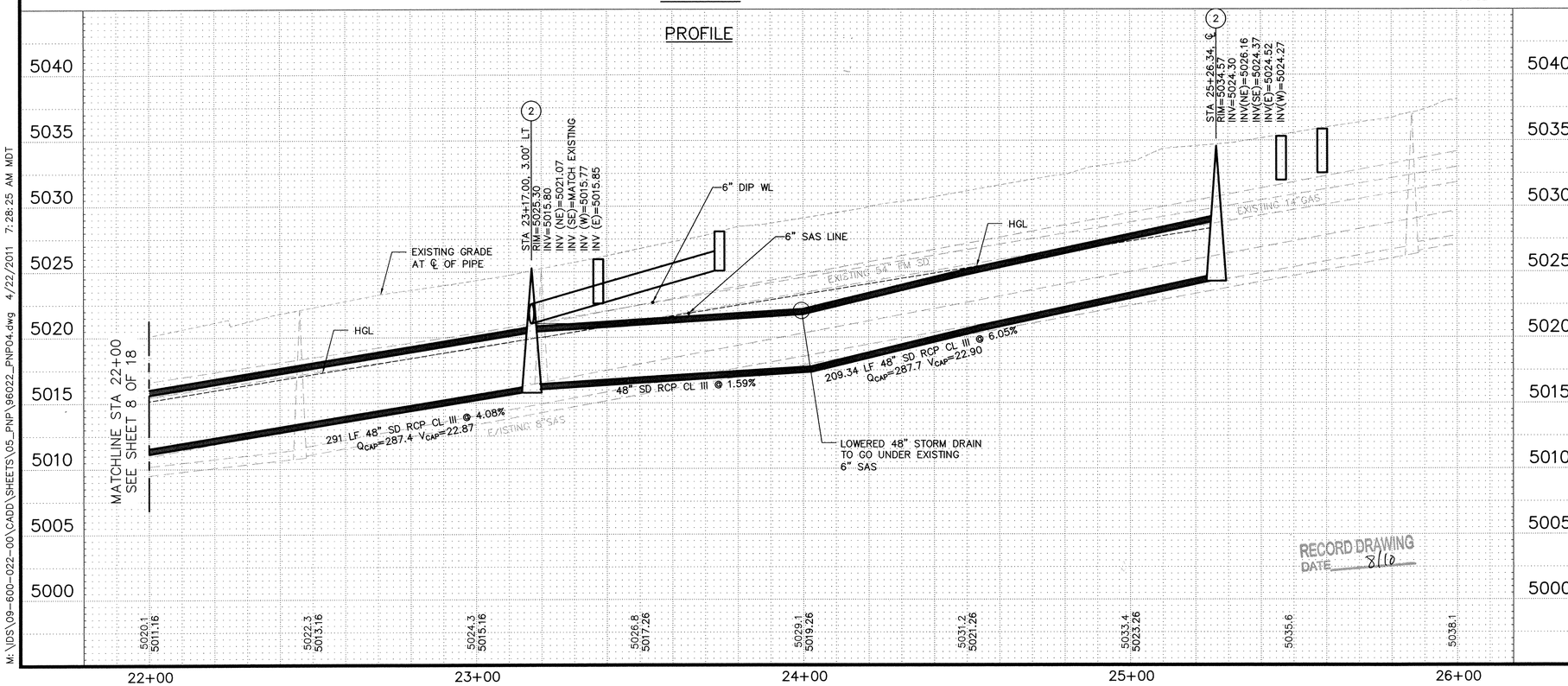
SEE SHEET 9R

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP04.dwg 9/29/2009 10:39:49 AM MDT



PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

GENERAL NOTES

1

SHEET KEY NOTES

1. BUILD STORM DRAIN INLET SINGLE TYPE "A" PER COA STD DWG 2201 & 2220.
2. BUILD 6' MANHOLE TYPE "C" PER COA STD DWG 2101.
3. BUILD STORM DRAIN INLET DOUBLE TYPE "A" PER COA STD DWG 2201 & 2220.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHCOM
NEW MEXICO
16205
4-22-11
LICENSED PROFESSIONAL ENGINEER

JJF

NO.	DATE	REMARKS	BY
1	11-23-09	REVISED NOTES AND LINE WORK	JJF

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JJF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

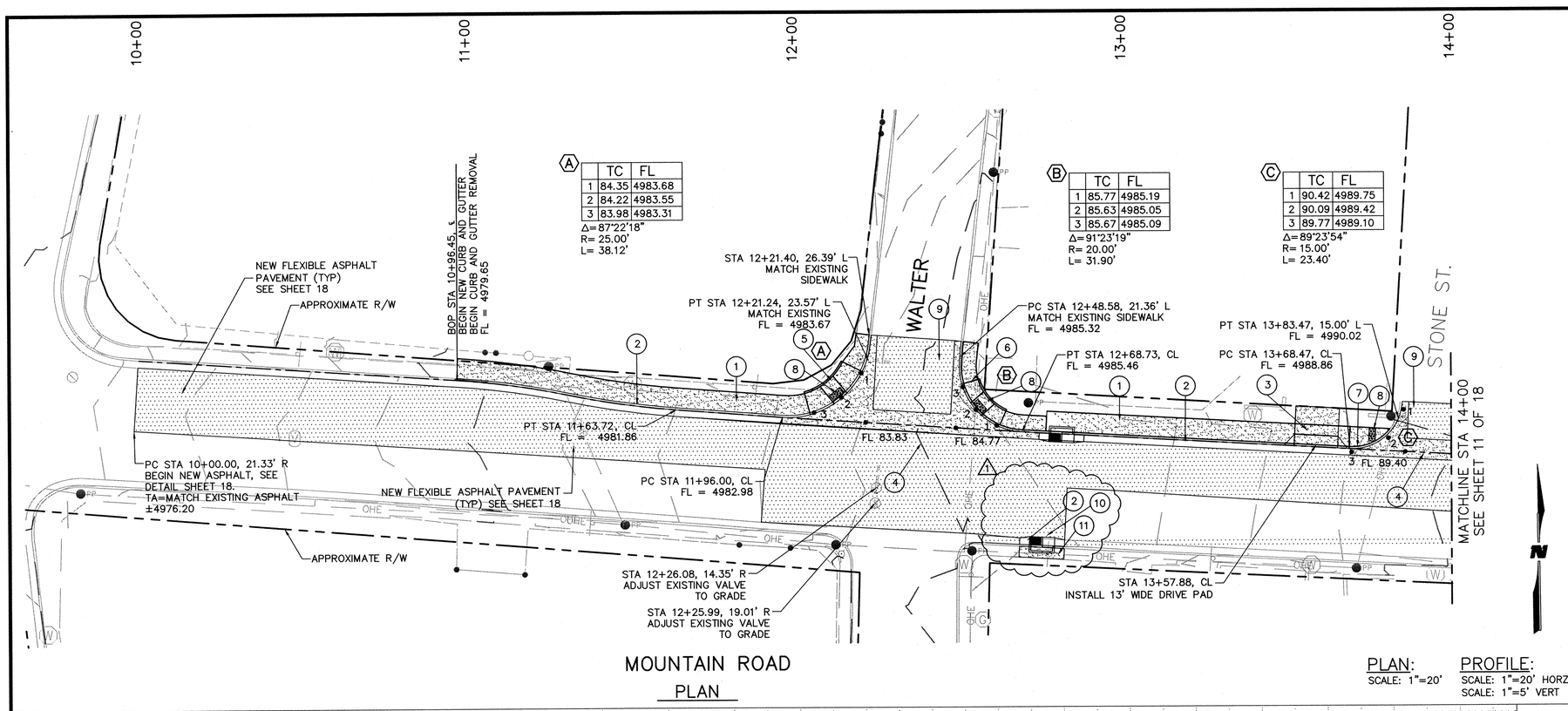
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STORM DRAIN PLAN & PROFILE
STA 22+00 TO STA 26+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	9R	18

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP04.dwg 4/22/2011 7:28:25 AM MDT



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1	84.35	4983.68
2	84.22	4983.55
3	83.98	4983.31

Δ=87°22'18"
R= 25.00'
L= 38.12'

	TC	FL
1	85.77	4985.19
2	85.63	4985.05
3	85.67	4985.09

Δ=91°23'19"
R= 20.00'
L= 31.90'

	TC	FL
1	90.42	4989.75
2	90.09	4989.42
3	89.77	4989.10

Δ=89°23'54"
R= 15.00'
L= 23.40'

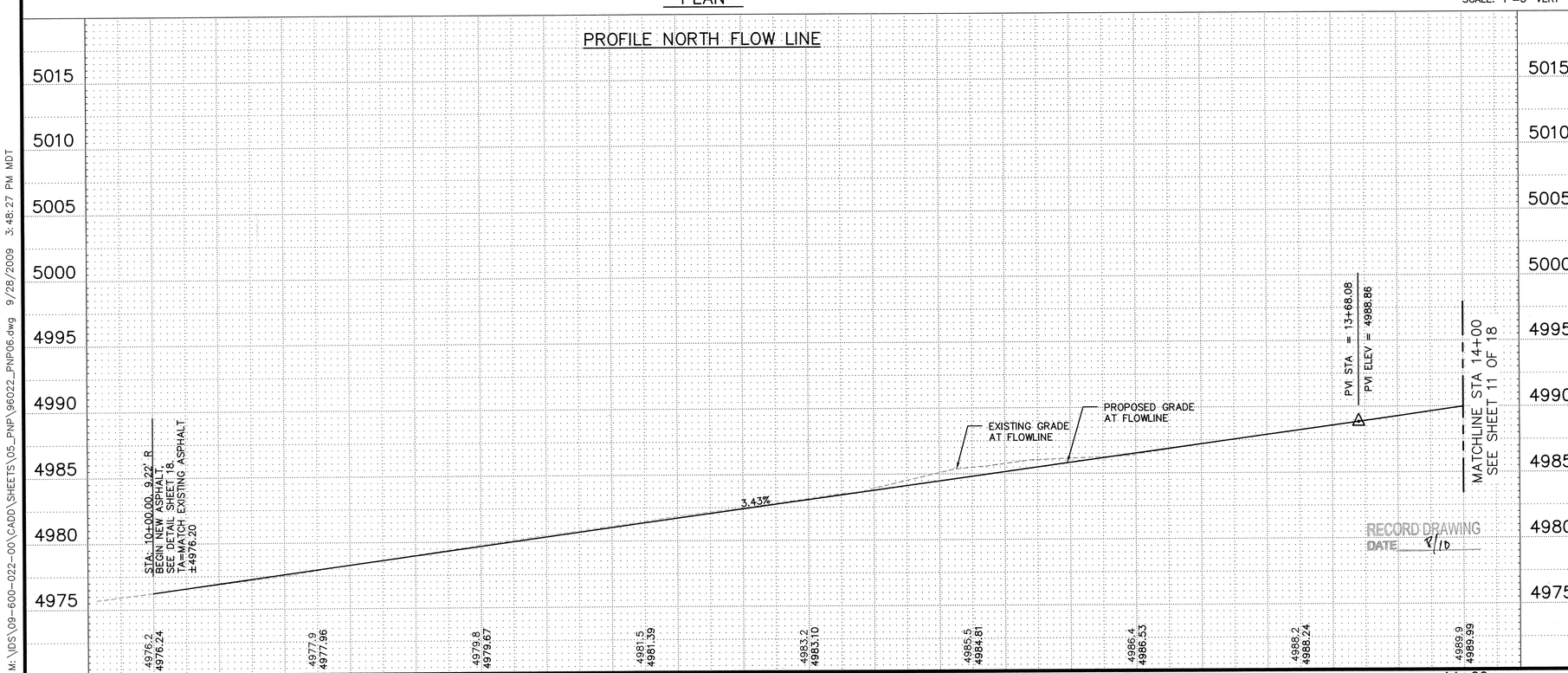
MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ, SCALE: 1"=5' VERT

PROFILE NORTH FLOW LINE



RECORD DRAWING
DATE 8/10

LEGEND

SHEET KEY NOTES

1. INSTALL 6' SIDEWALK PER COA STD DWG 2430
2. INSTALL CURB AND GUTTER PER COA STD DWG 2415–A
3. INSTALL DRIVE PAD PER COA STD DWG 2425
4. INSTALL 6'–0" VALLEY GUTTER PER COA STD DWG 2420
5. WHEELCHAIR RAMP PER COA STD DWG 2441 CASE II.
6. WHEELCHAIR RAMP PER COA STD DWG 2441 CASE I.
7. UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD DWG 2426.
8. INSTALL DETECTABLE WARNING SYSTEM, SEE DETAIL SHEET 18.
9. INSTALL RESIDENTIAL PAVEMENT SECTION, SEE DETAIL SHEET 18.
10. SAWCUT NEAT LINE, REMOVE AND REPLACE ASPHALT PER COA SECTION 343.
11. INSTALL 4' SIDEWALK PER COA STD DWG 2430

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER VALVE
- WATER METER
- TV UTILITY, TV PEDESTAL
- S UTILITY, SANITARY MANHOLE
- D UTILITY, STORM DRAINAGE MANHOLE
- W UTILITY, WATER VALVE VAULT
- PP POWER POLE
- LIGHT POLE
- TEL TELEPHONE PEDESTAL
- T ELECTRICAL, TRANSFORMER
- T UTILITY, TELEPHONE MANHOLE
- T UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348–4000
F (505) 348–4072

AS BUILT INFORMATION

CONTRACTOR	SMLLS BROS	DATE	8/10
WORK STAKED BY	SURVEY-TEK	DATE	8/10
INSPECTOR'S ACCEPTANCE BY	COA	DATE	8/10
FIELD VERIFICATION BY	COA	DATE	8/10
DRAWINGS CORRECTED BY	WOCL	DATE	8/10

MICRO–FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11–J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-4-9
Registered Professional Engineer

JIF

REVISED NOTES AND LINE WORK

11–23–09

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

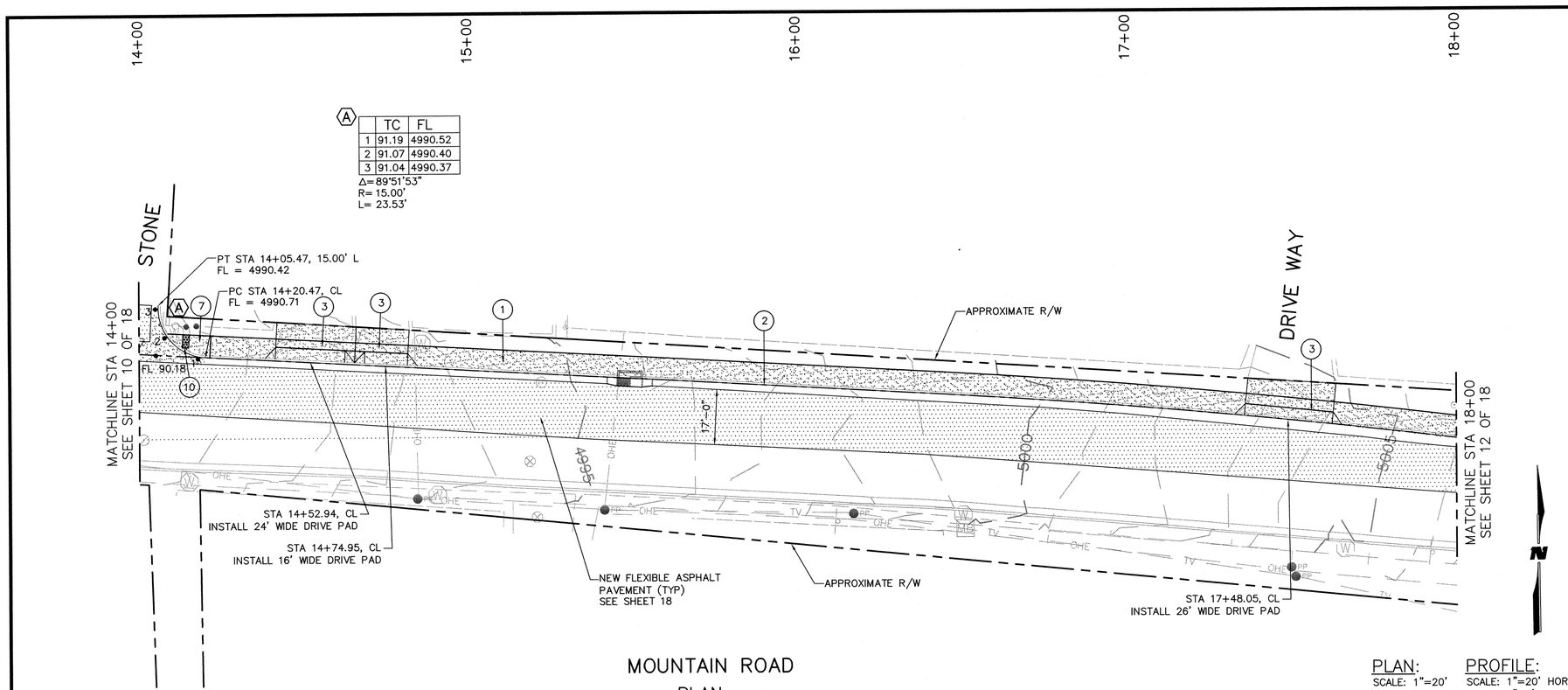
TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STREET PLAN & PROFILE
STA 10+00 TO STA 14+00

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER
Last Design Update Mo./Day/Yr. Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J–15 | Sheet 10 Of 18

ADDENDUM #1

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP06.dwg 9/28/2009 3:48:27 PM MDT



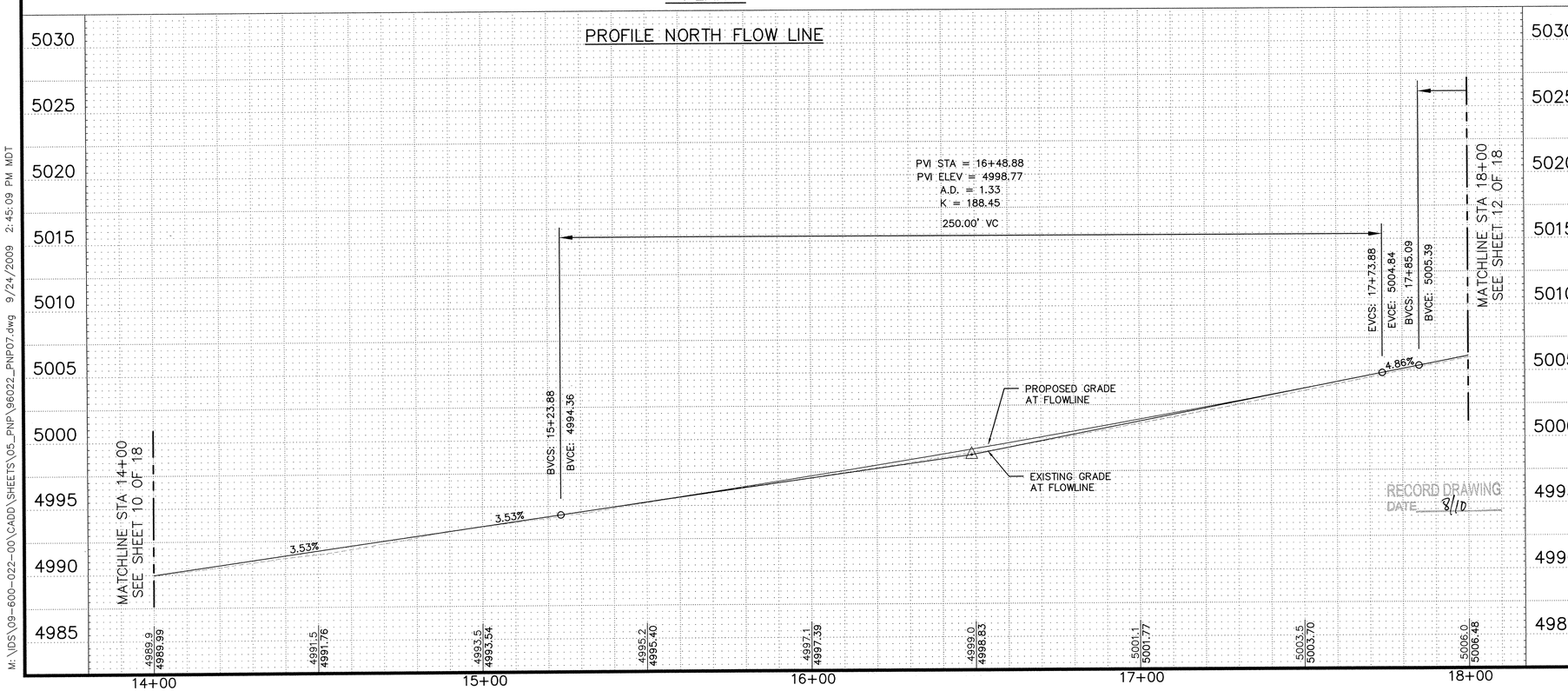
	TC	FL
1	91.19	4990.52
2	91.07	4990.40
3	91.04	4990.37

Δ=89°51'53"
R= 15.00'
L= 23.53'

MOUNTAIN ROAD
PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

LEGEND

SHEET KEY NOTES

1. INSTALL 6' SIDEWALK PER COA STD DWG 2430
2. INSTALL CURB AND GUTTER PER COA STD DWG 2415–A
3. INSTALL DRIVE PAD PER COA STD DWG 2425
4. INSTALL 6'–0" VALLEY GUTTER PER COA STD DWG 2420
7. UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD DWG 2426
10. DETECTABLE WARNING SURFACE SEE SHEET 18

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY	SHILS BROS	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	SURVY-TEK	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11–J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHBY
16205
11-12-09
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348–4000
F (505) 348–4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STREET PLAN & PROFILE
STA 14+00 TO STA 18+00

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J–15	11	18

Addendum #1

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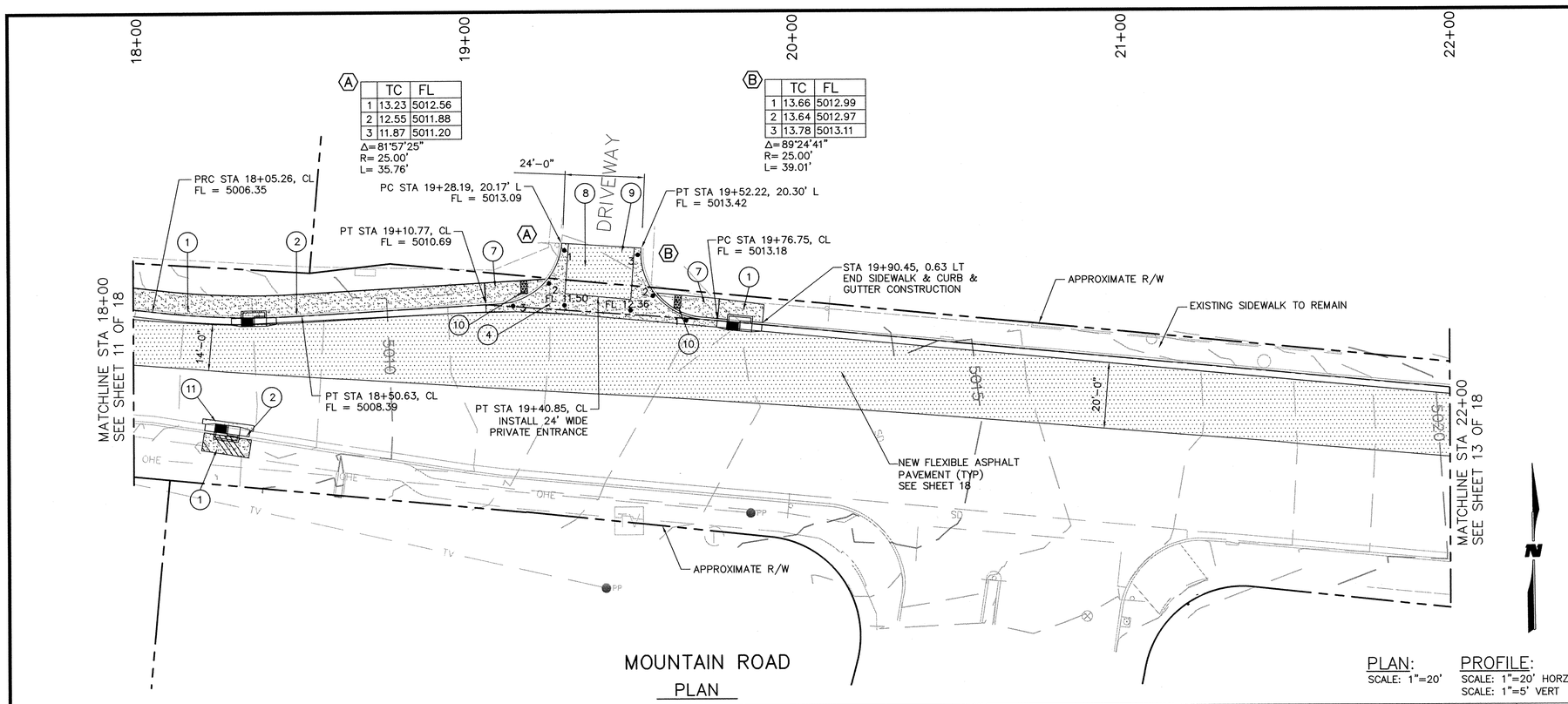
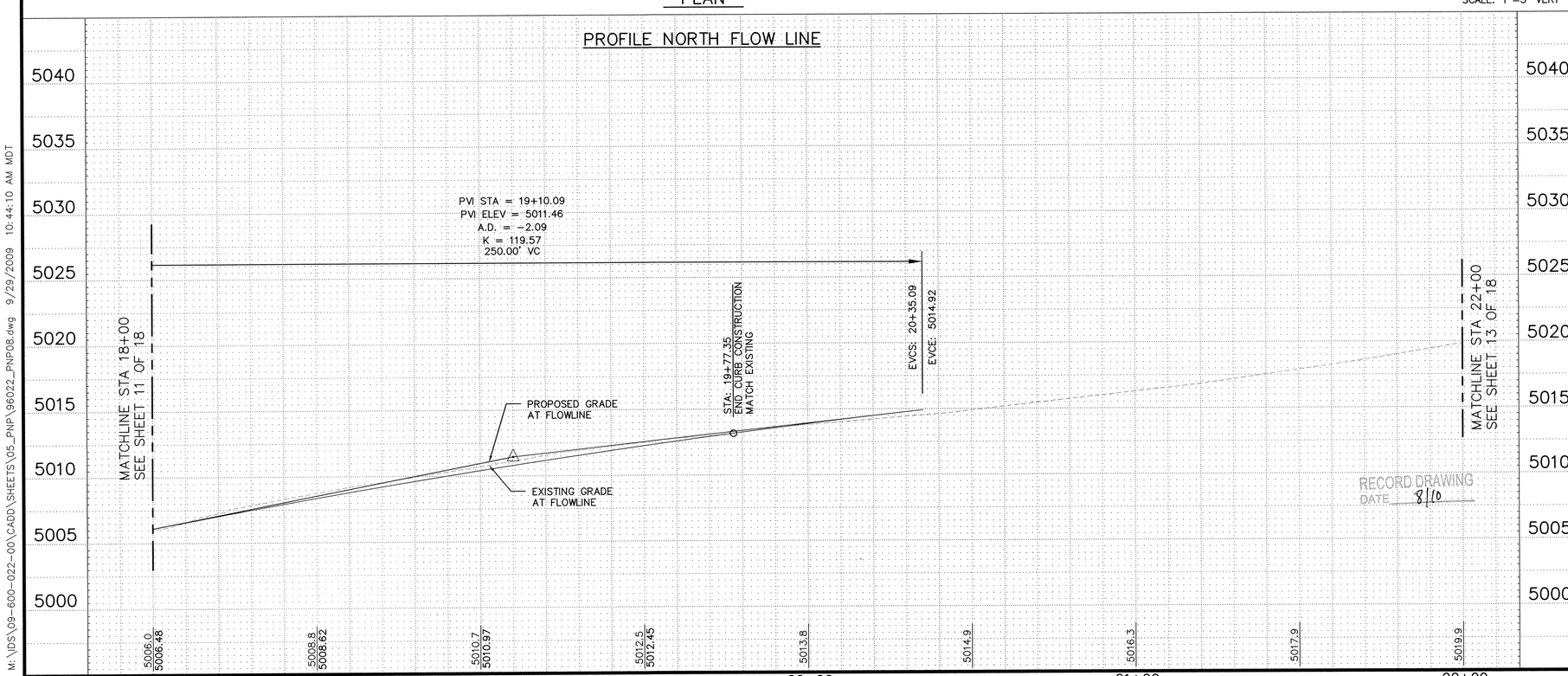


MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

LEGEND

SHEET KEY NOTES

1. INSTALL 6' SIDEWALK PER COA STD DWG 2430
2. INSTALL STANDARD CURB AND GUTTER PER COA STD DWG 2415-A & 2415-B
4. INSTALL 6'-0" VALLEY GUTTER PER COA STD DWG 2420
7. UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD DWG 2426
8. INSTALL PRIVATE ENTRANCE PER COA STD DWG 2426
9. INSTALL RESIDENTIAL PAVEMENT SECTION, SEE DETAIL SHEET 18.
10. DETECTABLE WARNING SURFACE SEE SHEET 18
11. SAWCUT NEAT LINE, REMOVE AND REPLACE ASPHALT PER COA SECTION 343.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
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- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SHULS BROS	DATE 8/10
WORK STAKED BY	SURV-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHTON 16205 LICENSED PROFESSIONAL ENGINEER 11-17-09

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

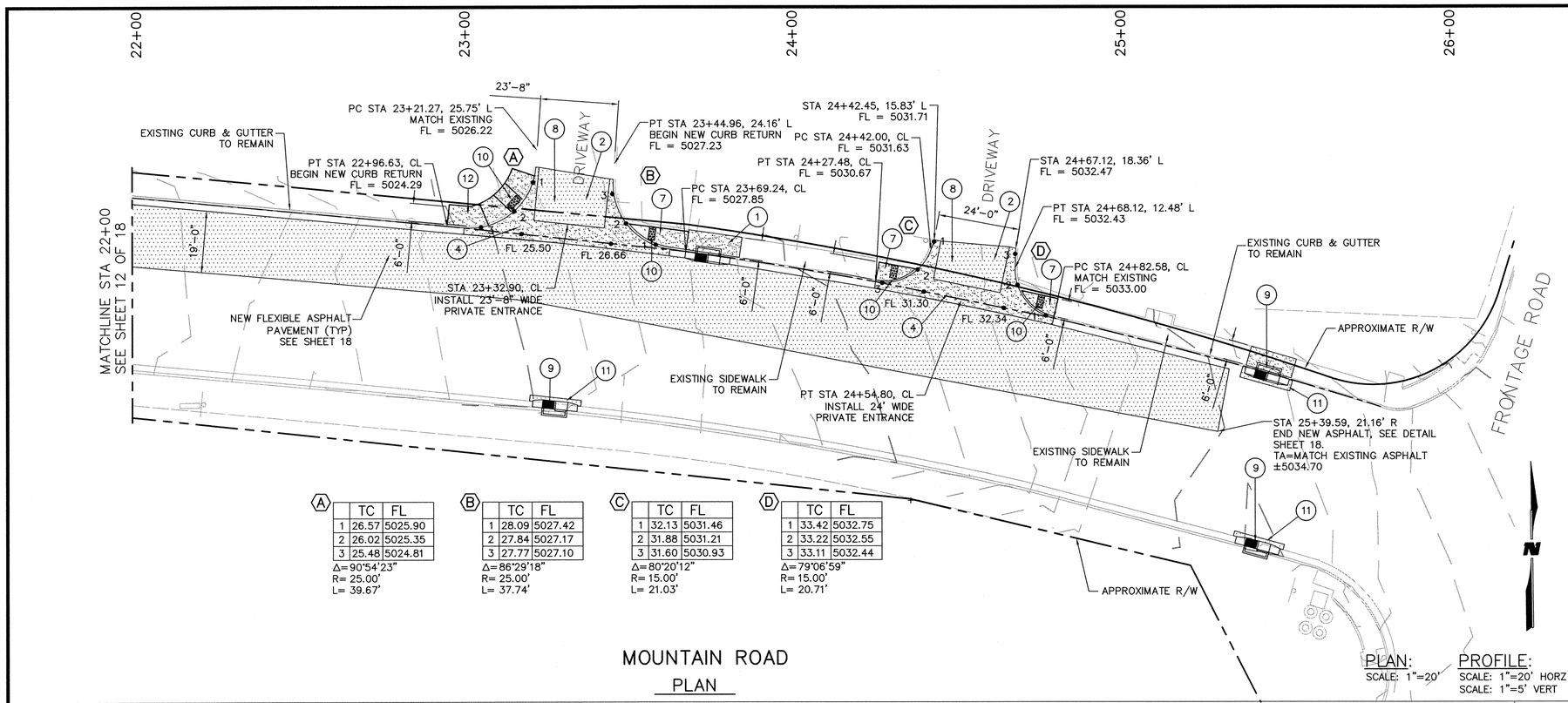
TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STREET PLAN & PROFILE
STA 18+00 TO STA 22+00

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 12 Of 18

Addendum #1

M:\DS\09-600-022-00\CADD\SHEETS\05_PNP\96022_PNP08.dwg 9/29/2009 10:44:10 AM MDT



Ⓐ

	TC	FL
1	26.57	5025.90
2	26.02	5025.35
3	25.48	5024.81

Δ=90°54'23"
R= 25.00'
L= 39.67'

Ⓑ

	TC	FL
1	28.09	5027.42
2	27.84	5027.17
3	27.77	5027.10

Δ=86°29'18"
R= 25.00'
L= 37.74'

Ⓒ

	TC	FL
1	32.13	5031.46
2	31.88	5031.21
3	31.60	5030.93

Δ=80°20'12"
R= 15.00'
L= 21.03'

Ⓓ

	TC	FL
1	33.42	5032.75
2	33.22	5032.55
3	33.11	5032.44

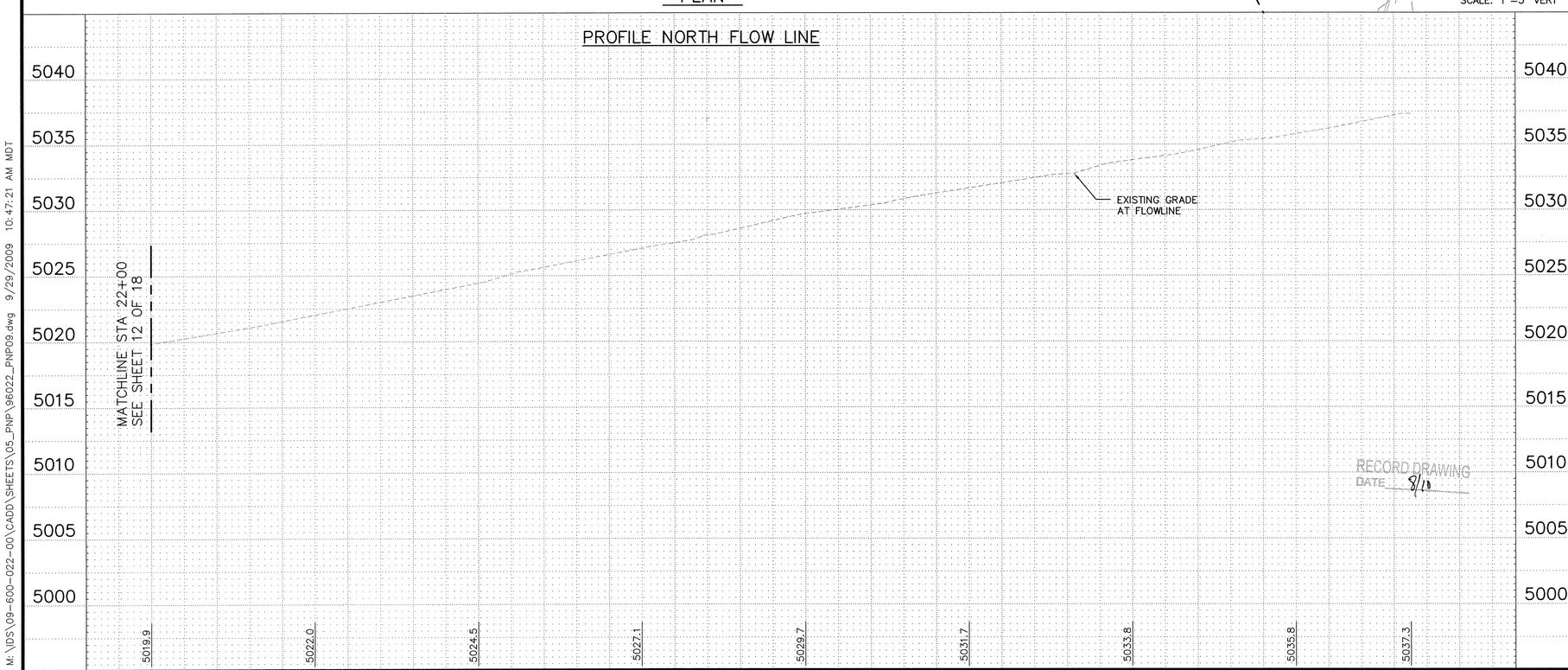
Δ=79°06'59"
R= 15.00'
L= 20.71'

MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ
SCALE: 1"=5' VERT



RECORD DRAWING
DATE 8/10

LEGEND

SHEET KEY NOTES

1. INSTALL 6' SIDEWALK PER COA STD DWG 2430
2. INSTALL RESIDENTIAL PAVEMENT SECTION, SEE DETAIL SHEET 18.
4. INSTALL 6'-0" VALLEY GUTTER PER COA STD DWG 2420
7. UNIDIRECTIONAL WHEELCHAIR RAMP PER COA STD DWG 2426
8. INSTALL PRIVATE ENTRANCE PER COA STD DWG 2426
9. REMOVE AND REPLACE SIDEWALK AND CURB AND GUTTER AT NEW INLETS
10. DETECTABLE WARNING SURFACE SEE SHEET 18
11. SAWCUT NEAT LINE, REMOVE AND REPLACE ASPHALT PER COA SECTION 343.
12. WHEELCHAIR RAMP PER COA STD DWG 2441 CASE I.

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- W — WATER METER
- TV — UTILITY, TV PEDESTAL
- S — UTILITY, SANITARY MANHOLE
- D — UTILITY, STORM DRAINAGE MANHOLE
- W — UTILITY, WATER VALVE VAULT
- PP — POWER POLE
- LIGHT POLE
- TEL — TELEPHONE PEDESTAL
- T — ELECTRICAL, TRANSFORMER
- T — UTILITY, TELEPHONE MANHOLE
- T — UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SKILLS BROS	DATE 8/10
WORK STAKED BY	SURVY-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHTON
16205
11-12-09
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD STREET PLAN & PROFILE
STA 22+00 TO STA 26+00

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	13	18

Addendum #1

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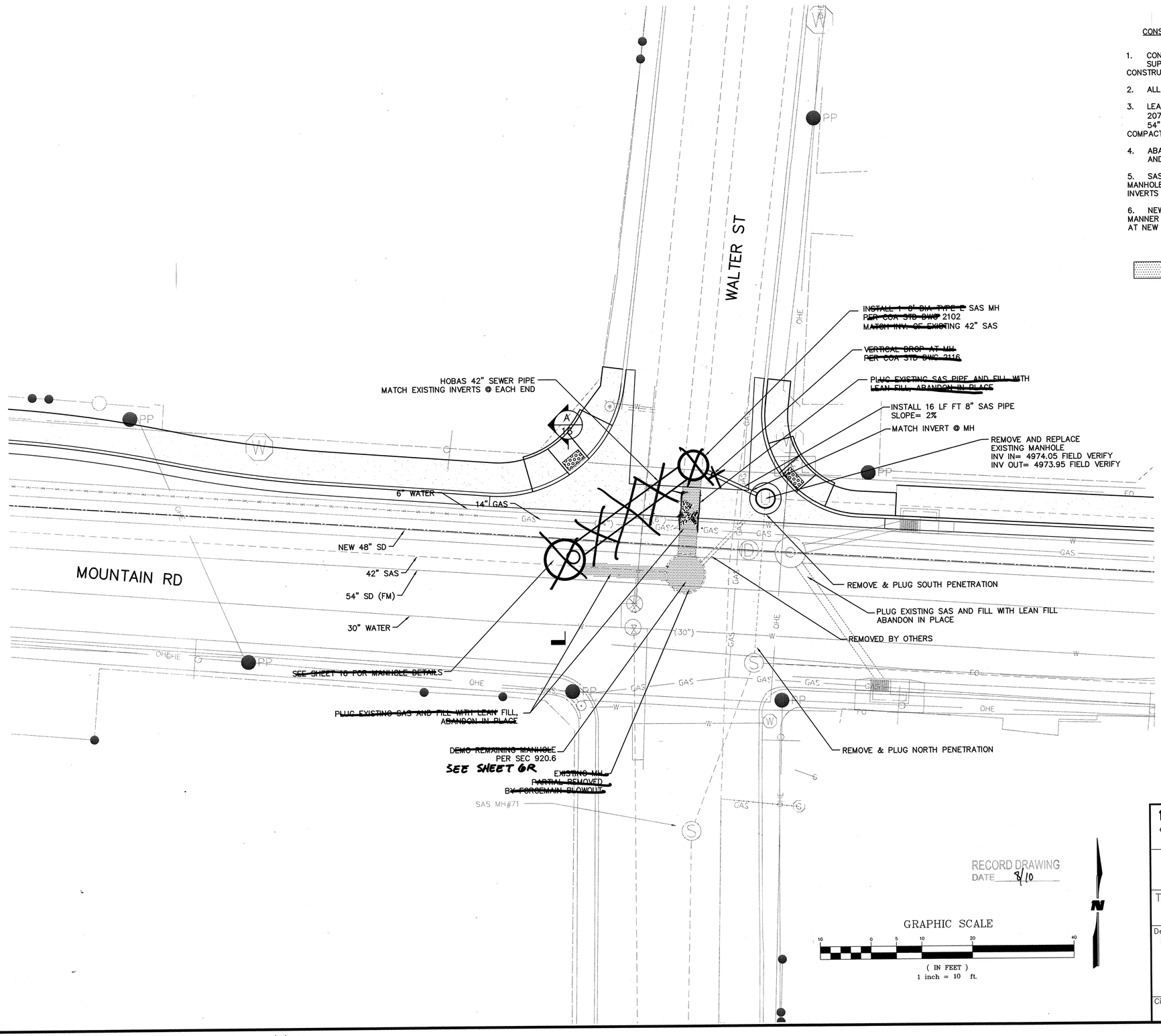

CONSTRUCTION NOTES

1. CONTRACTOR TO PROVIDE ADEQUATE SHORING OR SUPPORT OF ALL UTILITIES AS NECESSARY TO CONSTRUCT NEW FACILITIES SHOWN
2. ALL BACKFILL SHALL BE COMPACTED TO 95%
3. LEAN FILL MEETING COA STANDARD SPECIFICATION 207 SHALL BE USED FOR THE LAST 2' UNDER THE 54" FORCE MAIN AND IN ALL AREAS WHERE COMPACTION EQUIPMENT CAN NOT BE USED
4. ABANDONED SAS SHALL BE FILLED WITH LEAN FILL AND PLUGGED AS APPROVED BY FIELD ENGINEER
5. SAS PIPE SHALL BE REMOVED INSIDE NEW MANHOLES AS NECESSARY TO FORM AND POUR NEW INVERTS
6. NEW SAS PIPE SHALL BE PLACED IN SUCH A MANNER TO MATCH EXISTING INVERTS AND ALIGNMENTS AT NEW MANHOLES

LEAN FILL

AS BUILT INFORMATION

		DATE
CONTRACTOR	SKILLS BROS.	8/10
WORK STAKED BY	SURV-TEK	8/10
INSPECTOR'S ACCEPTANCE BY	COA	8/10
FIELD VERIFICATION BY	COA	8/10
DRAWINGS CORRECTED BY	WSC I	8/10

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

BENCH MARKS

ACS 1¾" ALUMINUM DISK, STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. FOSTER 16205 11-12-09 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS

SAS RELOCATION SITE PLAN

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 14 Of 18

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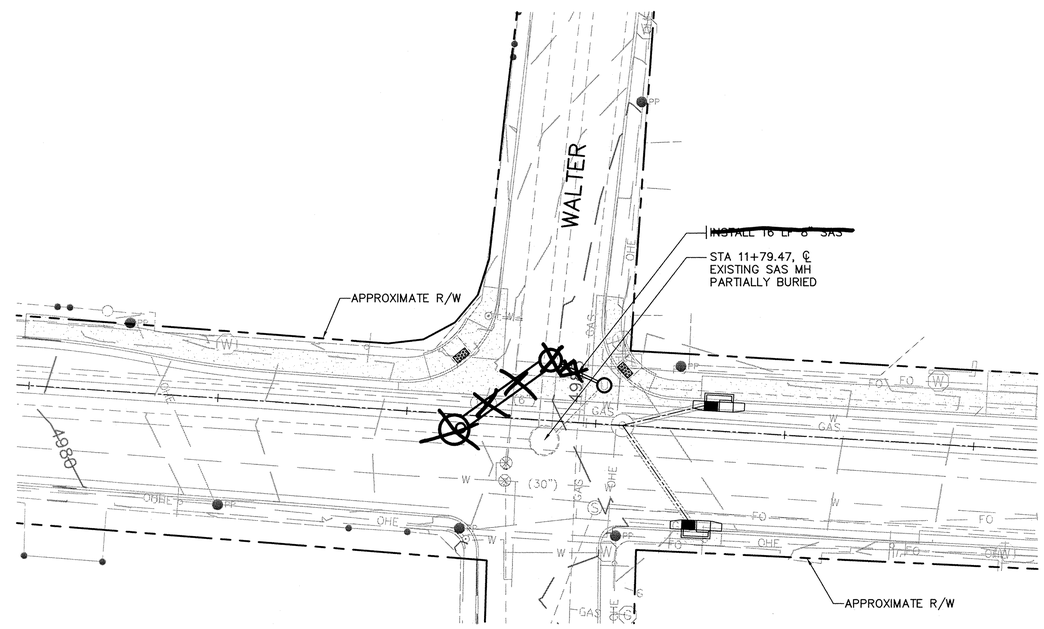
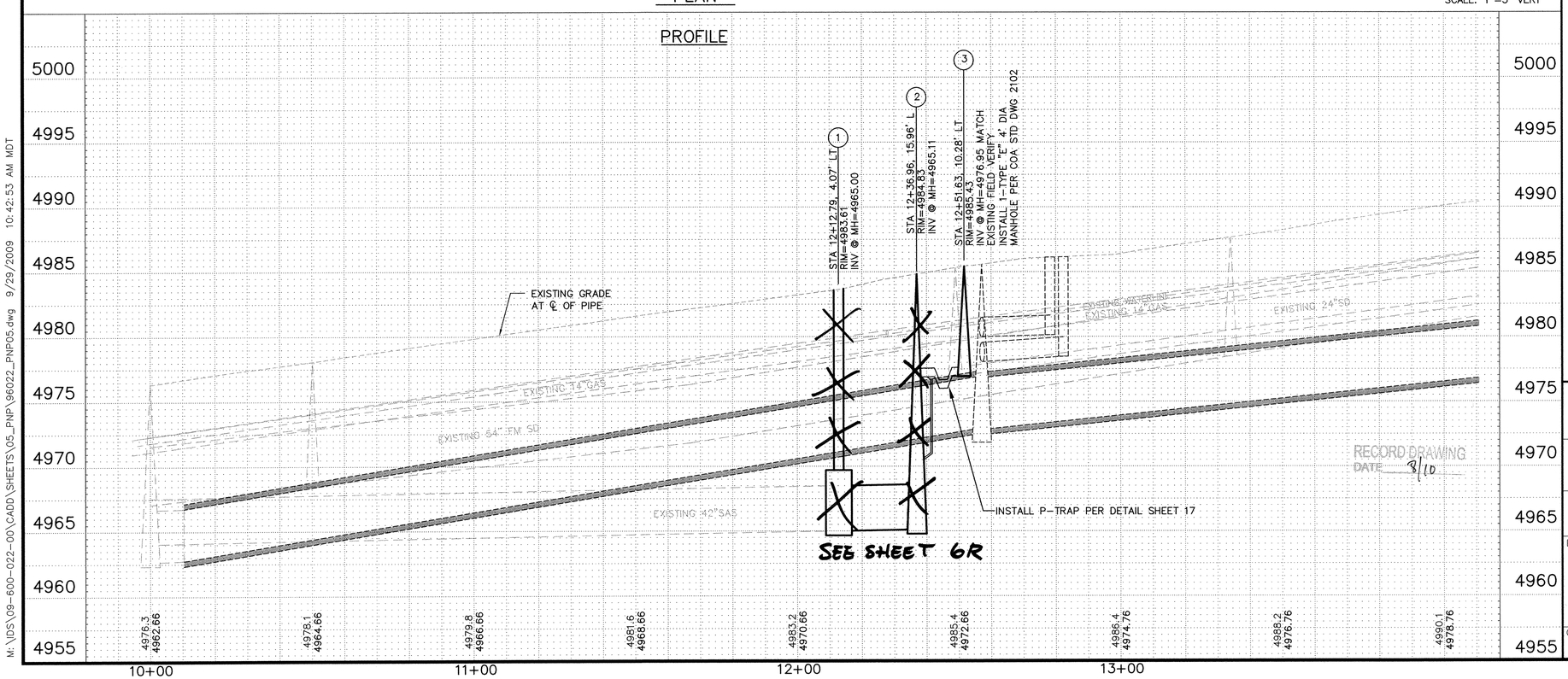


MOUNTAIN ROAD

PLAN

PLAN: SCALE: 1"=20'

PROFILE: SCALE: 1"=20' HORZ SCALE: 1"=5' VERT



LEGEND

SHEET KEY NOTES

1. INSTALL 1-8' DIA TYPE "E" SAS MH PER DETAIL SHEET 16
2. INSTALL 1-6' DIA TYPE "E" SAS MH PER COA STD DWG 2102 INSTALL VERTICAL DROP AT MH PER COA STD DWG 2116
3. REMOVE AND REPLACE EXISTING SAS MH "J15-507" INSTALL 1-TYPE E 4' MANHOLE PER COA STD DWG 2102

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- WATER VALVE
- WATER METER
- UTILITY, TV PEDESTAL
- UTILITY, SANITARY MANHOLE
- UTILITY, STORM DRAINAGE MANHOLE
- UTILITY, WATER VALVE VAULT
- POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- ELECTRICAL, TRANSFORMER
- UTILITY, TELEPHONE MANHOLE
- UTILITY, TELEPHONE VAULT
- PROPOSED 48" SD
- PROPOSED MH

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4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

AS BUILT INFORMATION

CONTRACTOR	SHULS BROS	DATE 8/10
WORK STAKED BY	SURVEY-TEK	DATE 8/10
INSPECTOR'S ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/10

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

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ELEV=5021.86 (NGVD29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

TYLER J. ASHTON 16205 11-12-09 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: – JUN 2007

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
MOUNTAIN RD/WALTER ST SEWER RELOCATION PLAN & PROFILE
STA 10+00 TO STA 13+67.68

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

RECORD DRAWING DATE 8/10

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	15	18

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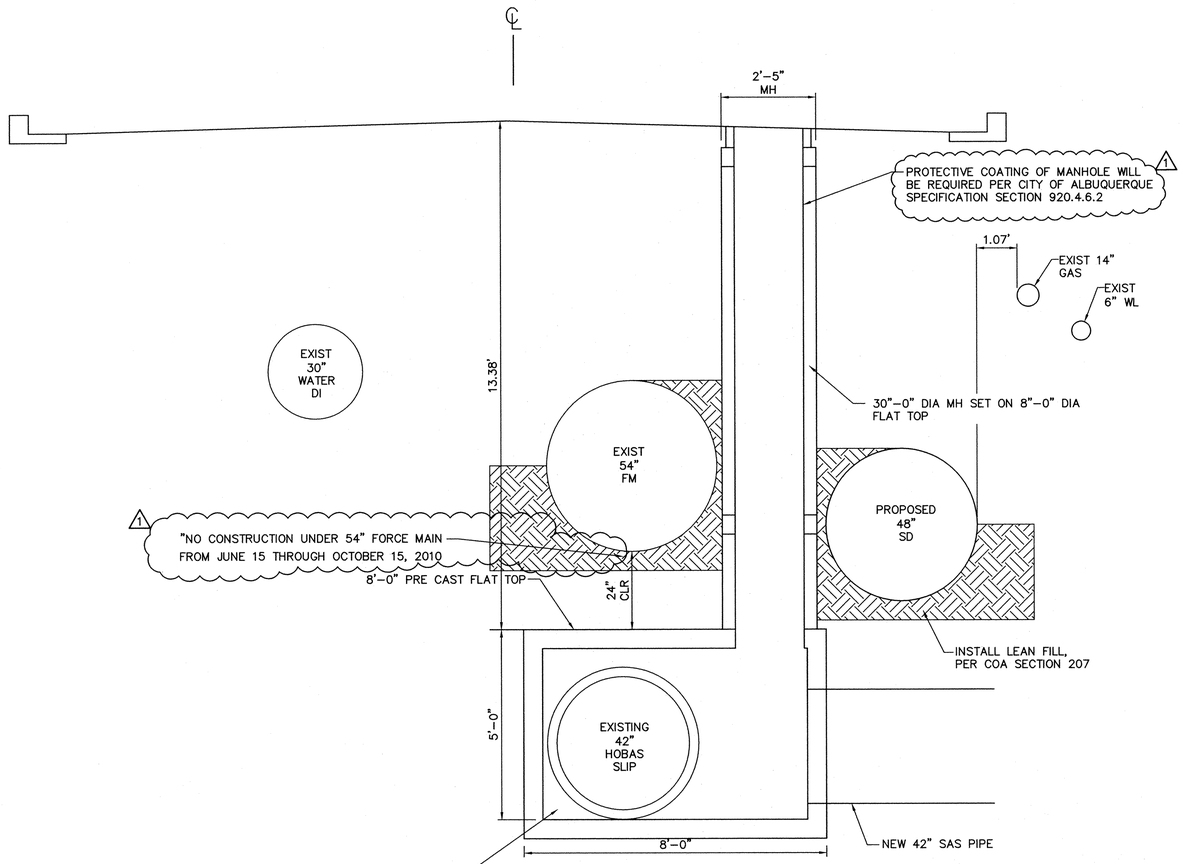

SECTION-A

SCALE: 1"=2'

RECORD DRAWING
DATE 8/10

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: **MOUNTAIN RD. STORM DRAIN IMPROVEMENTS**

SAS RELOCATION MANHOLE DETAILS

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7963.93	J-15	16	18

ADDENDUM #1

AS BUILT INFORMATION
CONTRACTOR SELLS BROS. DATE 8/10
WORK STAKED BY SURV-TEK DATE 8/10
INSPECTOR'S ACCEPTANCE BY COA DATE 8/10
FIELD VERIFICATION BY COA DATE 8/10
DRAWINGS CORRECTED BY WCL DATE 8/10
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
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ELEV=5021.86 (NGVD29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-49
REGISTERED PROFESSIONAL ENGINEER

JIF

REVISED NOTES AND LINE WORK 11-23-09

REVISIONS
NO. | DATE | REMARKS | BY

DESIGN
DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

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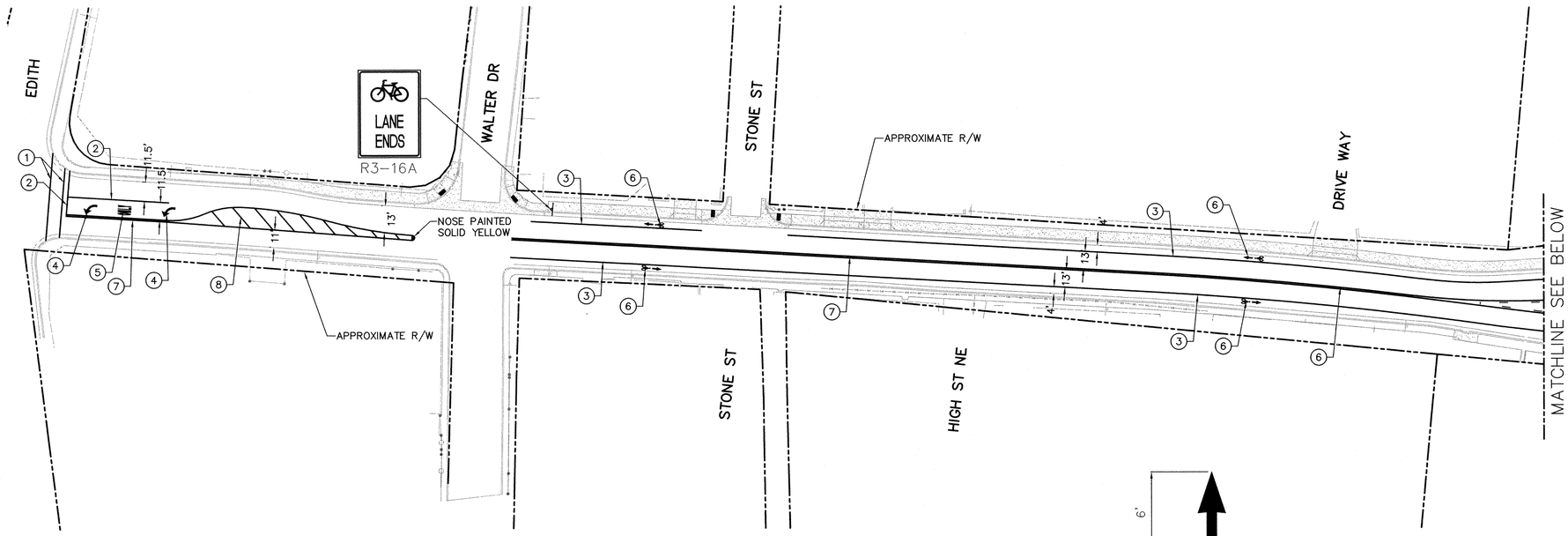
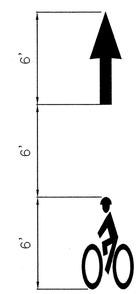
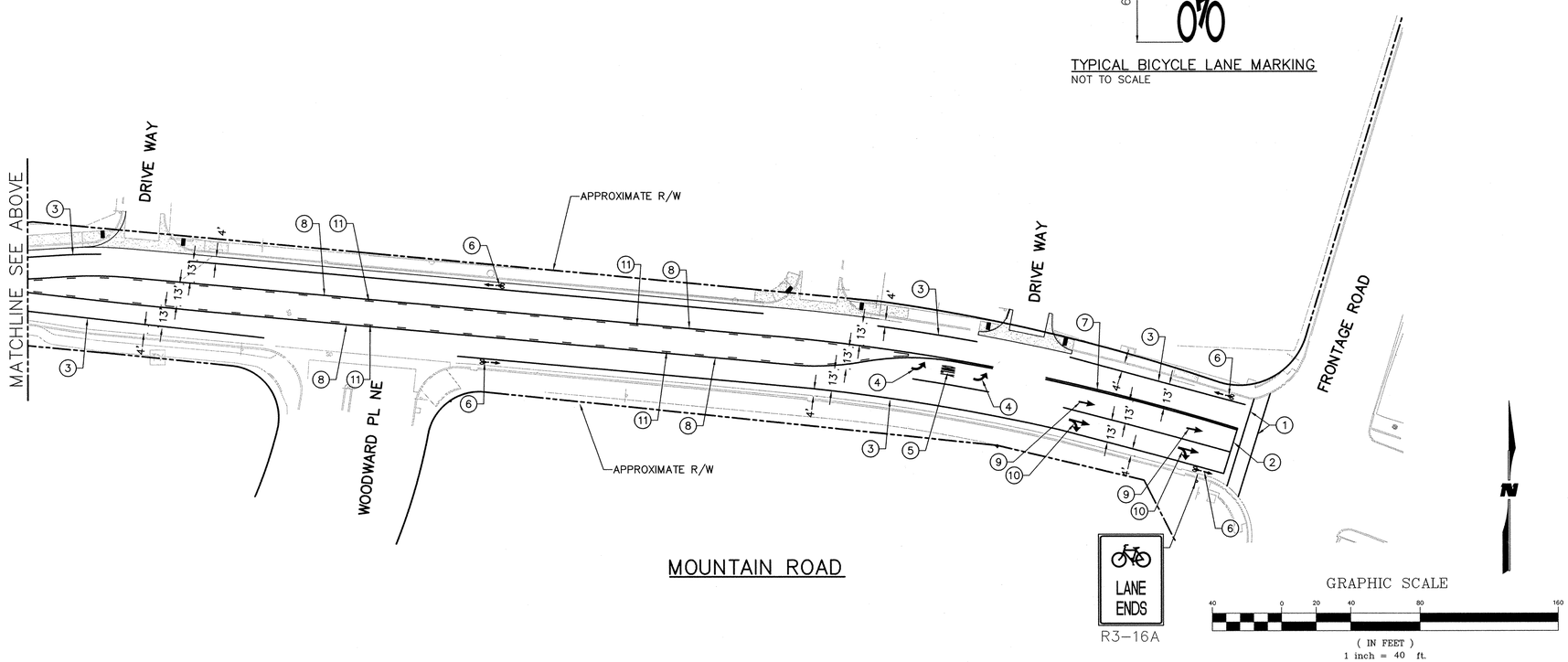


MOUNTAIN ROAD

PLAN



TYPICAL BICYCLE LANE MARKING
NOT TO SCALE



MOUNTAIN ROAD

GENERAL NOTES

1

SHEET KEY NOTES

1. 12" SOLID WHITE REFLECTORIZED CROSSWALK STRIPING
2. 12" SOLID WHITE REFLECTORIZED STOP BAR MARKING
3. 4" SOLID WHITE REFLECTORIZED STRIPING
4. SOLID WHITE REFLECTORIZED LEFT ARROW MARKING
5. SOLID WHITE REFLECTORIZED WORD 'ONLY' MARKING
6. SOLID WHITE REFLECTORIZED BICYCLE MARKING SEE DETAIL THIS SHEET
7. 4" SOLID DOUBLE YELLOW REFLECTORIZED STRIPING
8. 4" SOLID YELLOW REFLECTORIZED STRIPING
9. SOLID WHITE REFLECTORIZED THRU ARROW MARKING
10. SOLID WHITE REFLECTORIZED THRU/RIGHT ARROW MARKING
11. 4" DASHED YELLOW REFLECTORIZED STRIPING

CURVE TABLE

CURVE	LENGTH	RADIUS
C1	22.83	50.00
C2	22.13	50.00
C3	52.58	236.50
C4	51.99	263.50
C5	4.61	1.47
C6	46.52	361.50
C7	34.49	250.50
C8	17.28	5.50
C9	17.28	5.50
C10	13.05	50.00
C11	36.72	150.00
C12	28.76	150.50
C13	10.85	50.00

RECORD DRAWING
DATE 8/10

AS BUILT INFORMATION

CONTRACTOR	SYLES BROS.	DATE 8/10
WORK STAKED BY	SURVEY-TEK	DATE 8/10
WORK ACCEPTANCE BY	COA	DATE 8/10
FIELD VERIFICATION BY	COA	DATE 8/10
DRAWINGS CORRECTED BY	WCI	DATE 8/12

MICRO-FILM INFORMATION

RECORDED BY DATE
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BENCH MARKS
ACS 1¾" ALUMINUM DISK STAMPED "ACS BM, 11-J15", EPOXIED ON TOP OF THE CONCRETE CURB RETURN, ESE QUADRANT OF LOMAS BLVD AND WOODWARD PL, NE
ELEV=5021.86 (NGVD29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
TYLER J. ASHTON 16205 11-12-09 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: - JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
P (505) 348-4000
F (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
STRIPING PLAN

Design Review Committee: APPROVED NOV 13 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED NOV 13 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963.93 | Zone Map No. J-15 | Sheet 17 Of 18

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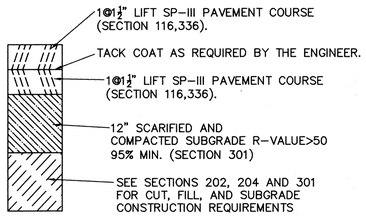
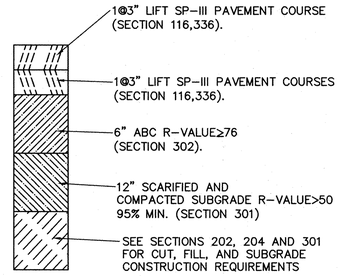


RESIDENTIAL PAVEMENT SECTION (COA STD DWG 2406)

NTS

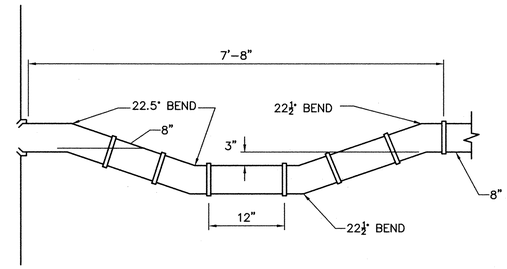


FLEXIBLE PAVEMENT SECTION (COA STD DWG 2407)

NTS

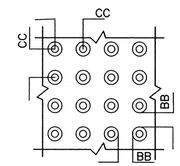
GENERAL PAVING NOTE:

SUBGRADE SOIL WITH R<50 SHOULD BE REMOVED TO DEPTH OF 24" AND REPLACED WITH SOIL EXHIBITING R≥50.



P-TRAP DETAIL

NTS

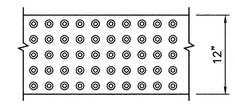


DOME SPACING

NTS

CC – CENTER TO CENTER SPACING 1.6" TO 2.4" MAX

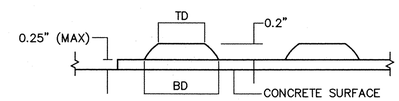
BB – BASE TO BASE SPACING 0.65" MIN



DOME ALIGNMENT

NTS

DETECTABLE WARNING SURFACES SHALL EXTEND 24" MIN IN THE DIRECTION OF TRAVEL AND FULL WIDTH OF THE CURB RAMP, LANDING, OR TRANSITION. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF THE CROSSWALK TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

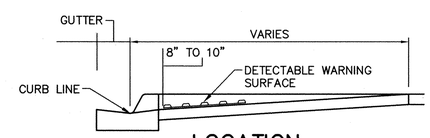


BD – BASE DIAMETER 0.9" MIN TO 1.4" MAX

TD – TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX

DOME SECTION

NTS



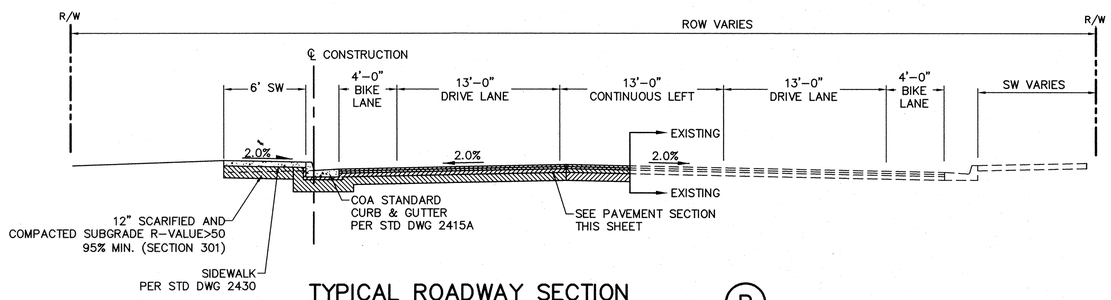
LOCATION

NTS

NOTES:
1. DOMES PER ADA GUIDE LINES.
2. PROVIDE/SUBMIT SPECS TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION/INSTALLATION.

DETECTABLE WARNING DOMES

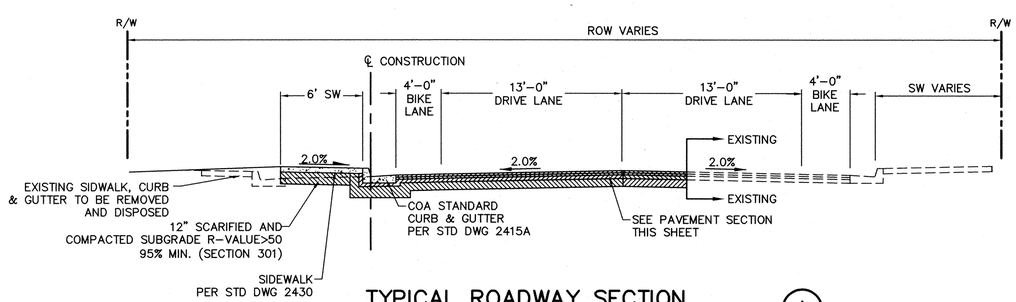
NTS



TYPICAL ROADWAY SECTION (B)

NTS

STA 18+30 TO STA 24+00



TYPICAL ROADWAY SECTION (A)

NTS

STA 12+50 TO STA 18+30

NOTE:
NORTH CURB & GUTTER IS MOVING APPROXIMATELY 4'-0" SOUTH

1 GENERAL PAVING NOTE:

SUBGRADE SOIL WITH R<50 SHOULD BE REMOVED TO DEPTH OF 24" AND REPLACED WITH SOIL EXHIBITING R≥50.

RECORD DRAWING
DATE 8/10

AS BUILT INFORMATION
CONTRACTOR SPLLS BROS. DATE 8/10
WORK STAKED BY SURV-TEK DATE 8/10
INSPECTOR'S ACCEPTANCE BY COA DATE 8/10
FIELD VERIFICATION BY COA DATE 8/10
DRAWINGS CORRECTED BY WCI DATE 8/10
MICRO-FILM INFORMATION
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ELEV=5021.86 (NGVD29)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
CHRISTOPHER A. PEREA
NEW MEXICO
13686
12-4-9
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
1	11-23-09	REVISED NOTES AND LINE WORK	JIF

REVISIONS
DESIGN
DESIGNED BY: TJA DATE: JUN 2007
DRAWN BY: JIF DATE: JUN 2007
CHECKED BY: MJI DATE: JUN 2007

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000
FAX (505) 348-4072

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MOUNTAIN RD. STORM DRAIN IMPROVEMENTS
DETAILS

Design Review Committee: APPROVED DEC 04 2009 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED DEC 04 2009 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 7963:93 | Zone Map No. J-15 | Sheet 18 Of 18

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ADDENDUM #1