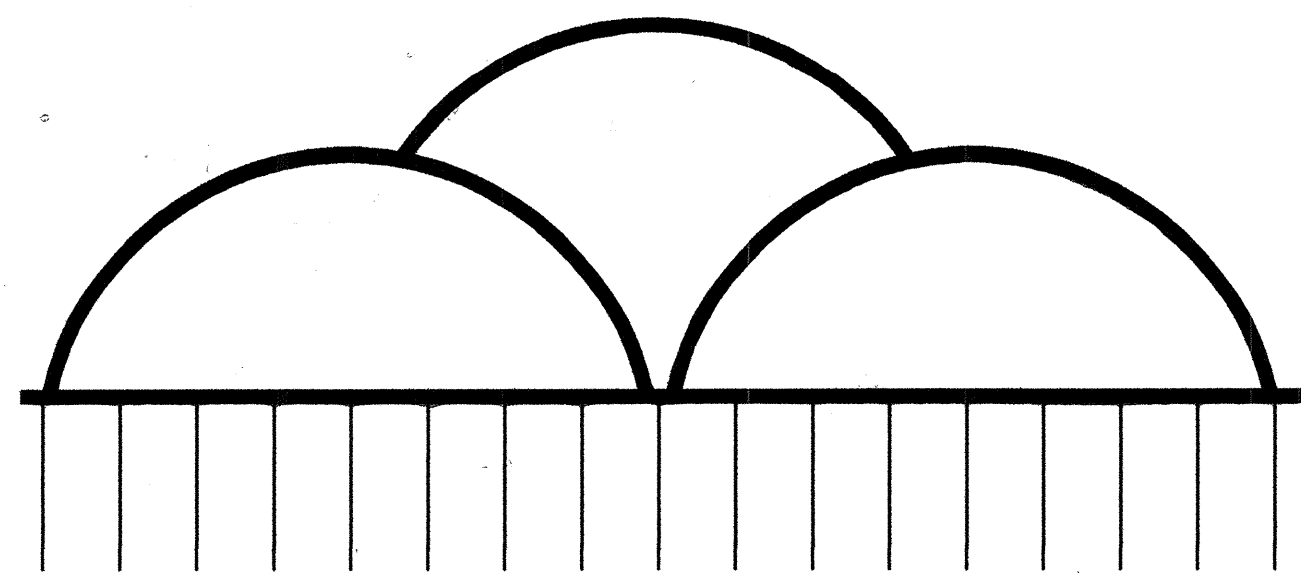


ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY



ALBUQUERQUE METROPOLITAN ARROYO
FLOOD CONTROL AUTHORITY
(AMAFCA)

RECORD DRAWINGS

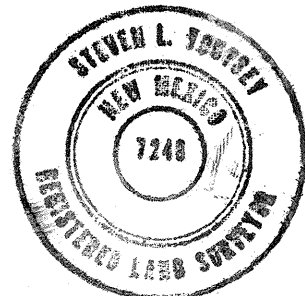
I, Patrick J. Conley of the firm of Smith Engineering Company, A Registered Professional Engineer in the State of New Mexico, do hereby state, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by a qualified person under my direct supervision and has been constructed in general accordance with the City of Albuquerque Standard Specifications for Public Works plans and specifications, while someone from Smith Engineering Company was onsite, approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted on the as-built construction drawings. The Certification is based on site inspections by me or personnel under my direction, and as-built survey information provided by STEVEN GOUTSEY (Surveyor Name) NMPS number 7248 (PS#).



INVERT ELEVATIONS ARE APPROXIMATE DUE TO "OFFSET" MANHOLE CONSTRUCTION.
AS-BUILT DATA ARE INFORMATIONAL ONLY AND SHOULD NOT BE USED FOR DESIGN PURPOSES.

I hereby certify that the as-built data I have shown herein is true and correct to the best of my knowledge and belief.

Patrick J. Conley 09/17/09
SL Younger, NMPS 7248 Date:



REFERENCES:

- 1) DRAINAGE ANALYSIS REPORT FOR UNSER DETENTION DAM AND WEST I-40 DIVERSION CHANNEL. WILSON AND COMPANY, MAY 2003.
- 2) WEST I-40 DMP BY BHI, 2006.

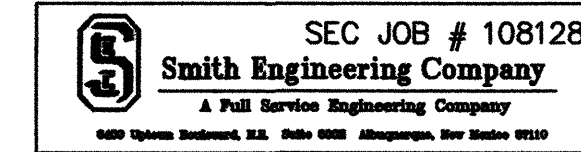
THESE PLANS ARE APPROVED FOR BIDDING

John P. Kelly
JOHN KELLY, P.E., EXECUTIVE ENGINEER
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

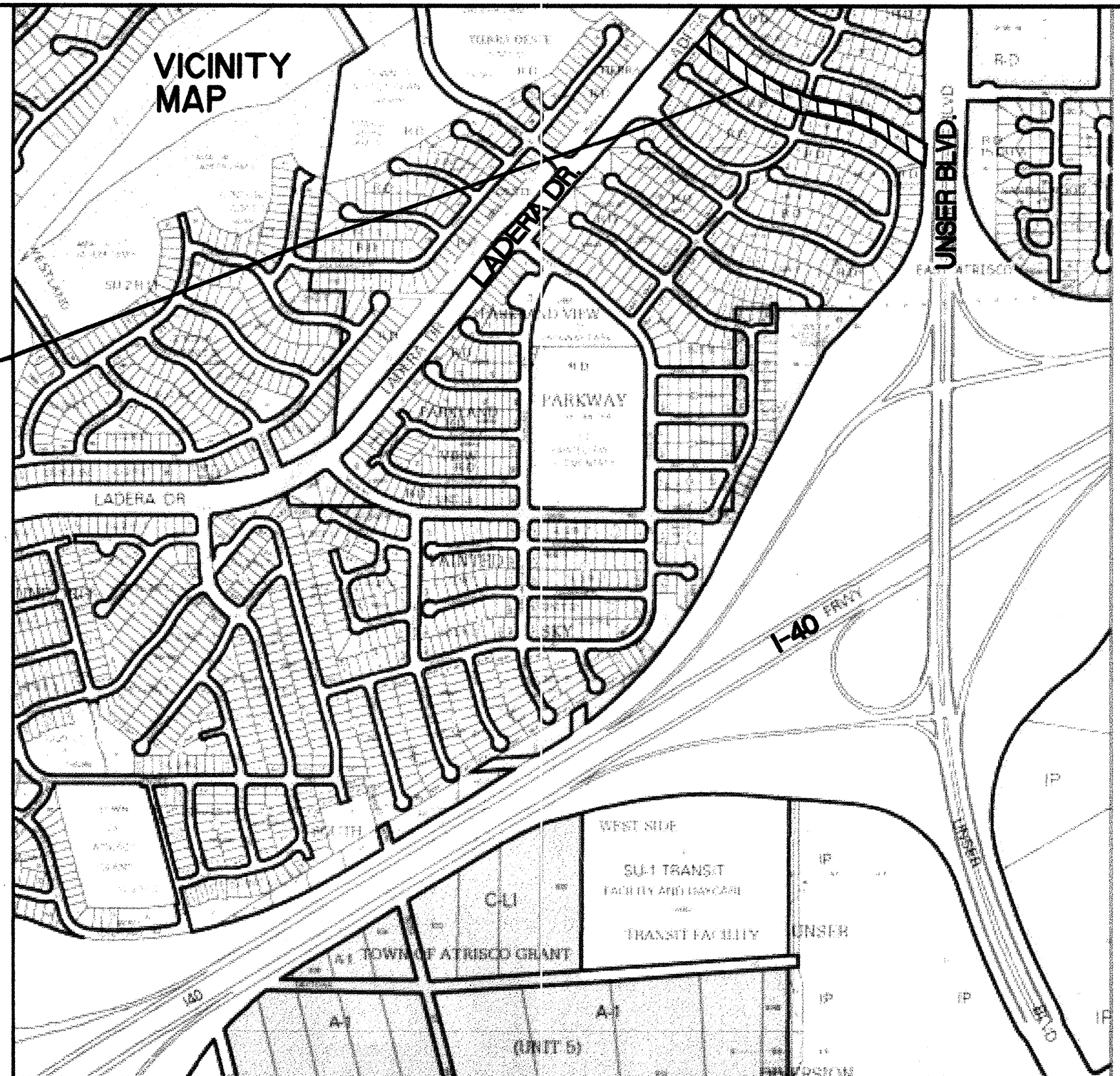
2-28-09
DATE:

THESE PLANS ARE APPROVED FOR CONSTRUCTION

John P. Kelly
JOHN KELLY, P.E., EXECUTIVE ENGINEER
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY



PROJECT
AREA



MAP NO. J-9-Z

ZONE ATLAS MAP

PARKWAY STORM DRAIN

INDEX TO DRAWINGS

DRAWING NO.	TITLE
1	COVER SHEET & VICINITY MAP
2	GENERAL NOTES AND LEGEND
3	EXISTING SURVEY & SITE CONTROL DATA: STA. 10+00 TO 18+00
4	EXISTING SURVEY & SITE CONTROL DATA: STA. 18+00 TO 24+00
5	REMOVALS: STA. 10+00 TO 18+00
6	REMOVALS: STA. 18+00 TO 24+00
7	STORM DRAIN PLAN AND PROFILE: STA. 10+00 TO 14+00
8	STORM DRAIN PLAN AND PROFILE: STA. 14+00 TO 18+00
9	STORM DRAIN PLAN AND PROFILE: STA. 18+00 TO 22+00
10	STORM DRAIN PLAN AND PROFILE: STA. 22+00 TO 24+00
11	SITE GRADING PLAN: STA. 10+00 TO 18+00
12	SITE GRADING PLAN: STA. 18+00 TO 24+00
13	LANDSCAPING PLAN: STA. 10+00 TO 18+00
14	LANDSCAPING PLAN: STA. 18+00 TO 24+00
15	CIVIL DETAILS
16	CIVIL DETAILS
17	STRUCTURAL DETAILS

TOTAL 18 SHEETS



UTILITY COMPANY CONTACTS

ABCWUA
NANCY MUSINSKI
SENIOR ENGINEER
P.O. Box 1293
Albuquerque, New Mexico 87103
(505) 768-2729

NEW MEXICO UTILITIES
STEVE BATES
4700 Irving Blvd. NW Suite 201
Albuquerque, New Mexico 87114
(505) 898-2661 ext. 48

NEW MEXICO GAS CO.
WES BECKNELL
7120 Wyoming, Suite 20
MS-BC31
Albuquerque, New Mexico 87109
(505) 697-3619
BCG ASSETS
JOHN BROWN
OPERATIONS MANAGER
505 Marquette Ave. NW Suite LL-110A
Albuquerque, New Mexico 87102
(505) 450-2338

AT&T
DAVID CROWEL
RESOURCE SUPERVISOR
III 3rd Street NW
Albuquerque, New Mexico 87103
(505) 842-2911

MCI WORLDWIDE
ANDY DARNELL
OPERATIONS MANAGER
6001 Midway Park NE
Albuquerque, New Mexico 87109
(505) 346-4470

COMCAST
YVONNE BARBON
PLANNING & DESIGN SUPERVISOR
4611 Montbel Place NE
Albuquerque, New Mexico 87107
(505) 761-6235

TIME WARNER TELECOM
ROYAL HARRISON
PLANT MANAGER
3830 Singer Blvd. NE Suite 1000
Albuquerque, New Mexico 87109
(505) 938-7339

PNM ELECTRIC
CHRIS BUDD
4201 Edith Blvd. NE MS-ES22
Albuquerque, New Mexico 87107
(505) -

QWEST LONG DISTANCE
LARRY KELLY
SR. OPERATIONS TECH.
400 Tijeras NW Suite 570
Albuquerque, New Mexico 87102
(505) 246-0501

XSPEDIUS MANAGEMENT CO.
STEVE MERRILL
OUTSIDE PLANT SPECIALIST
505 Marquette NW Suite 1605
Albuquerque, New Mexico 87109
(505) 998-2220

MCLEOD USA
RICK MUELLER
SUPERVISOR OF OUTSIDE TECHS.
505 Marquette NW (Compass Bank)
Suite 1600
Albuquerque, New Mexico 87102
(505) 244-3161

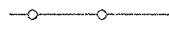
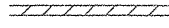
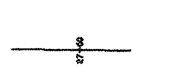
QWEST
RITA JARAMILLO
NM Engineering/Planning
400 Tijeras NW, Room 710
Albuquerque, New Mexico 87102
(505) 245-8352

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION			
	DRC Chairman	<u>W. G. Galt</u>	4/3/09				
	Transportation	<u>W. G. Galt</u>	3-17-09				
	Water/Wastewater	<u>W. G. Galt</u>	3-17-09				
	Hydrology	<u>W. G. Galt</u>	3/17/09				
	CIP						
	AMAFCA						
	Constr. Coord.						
PROJECT NUMBER				DRAWING NO. 1 OF 17			
691592							

- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY OF ALBUQUERQUE CONSTRUCTION COORDINATION DIVISION TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CITY OF ALBUQUERQUE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER 924-3400(COA) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.
- 2 THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER 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. THE 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 WILL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF SPECIFICATIONS.
- 3 THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, UPDATE NO.7 INCLUDING ANY AMENDMENTS.
- 4 ALL NEW MANHOLES SHALL BE TYPE "E" (COA DWG. 2102) UNLESS OTHERWISE NOTED ON THE PLANS.
- 5 THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- 6 ALL EXISTING WATER VALVE BOXES AND MANHOLES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- 7 SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
- 8 THE ABCWUA WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. ONLY ABCWUA PERSONNEL MAY OPERATE VALVES.
- 9 ALL EXCAVATION TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- 10 ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
- 11 THE CONTRACTOR IS TO EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT WILL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS.
- 12 ALL GAS VALVES, GAS MANHOLES, ELECTRICAL MANHOLES, TELEPHONE MANHOLES, AND UTILITY POLES WILL BE ADJUSTED TO GRADE BY EACH UTILITY COMPANY.
- 13 THE CONTRACTOR WILL NOTIFY NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.
- 14 CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY AT ALL TIMES.
- 15 ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.
- 16 CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO AMAFCA.

- MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
- MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.
- THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.
- ALL STRUCTURAL CONCRETE TO BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS.
- ALL REINFORCING STEEL TO BE GRADE 60.
- ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.
- ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR WILL CONTACT THE COA TRAFFIC ENGINEERING DEPT. 848-1540, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
- ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE FIELD ENGINEER.
- THE CONTRACTOR WILL COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN THE PROJECT SPECIFICATIONS.
- ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
- EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
- ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGHTING PLANS WILL BE FURNISHED BY THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.

LEGEND

- | | |
|---|---|
|  | EXISTING SANITARY MANHOLE |
|  | EXISTING STORM MANHOLE |
|  | EXISTING COMMUNICATION MANHOLE |
|  | EXISTING CATV RISER |
|  | EXISTING COMMUNICATION RISER |
|  | EXISTING LIGHT |
|  | EXISTING WATER VALVE |
|  | EXISTING TREE |
|  | EXISTING FENCELINE |
|  | EXISTING WALL |
|  | EXISTING CONTOUR (MAJOR) |
|  | CONSTRUCTION CENTER LINE
W/ STATIONING |
|  | EXTENT OF NEW ASPHALT |
|  | NEW STORM DRAIN MANHOLE |
|  | NEW REINFORCED CONCRETE PIPE
(RCP) |
|  | WATERLINE RELOCATION |
|  | NEW CONCRETE CURB AND GUTTER |
|  | NEW CONCRETE |

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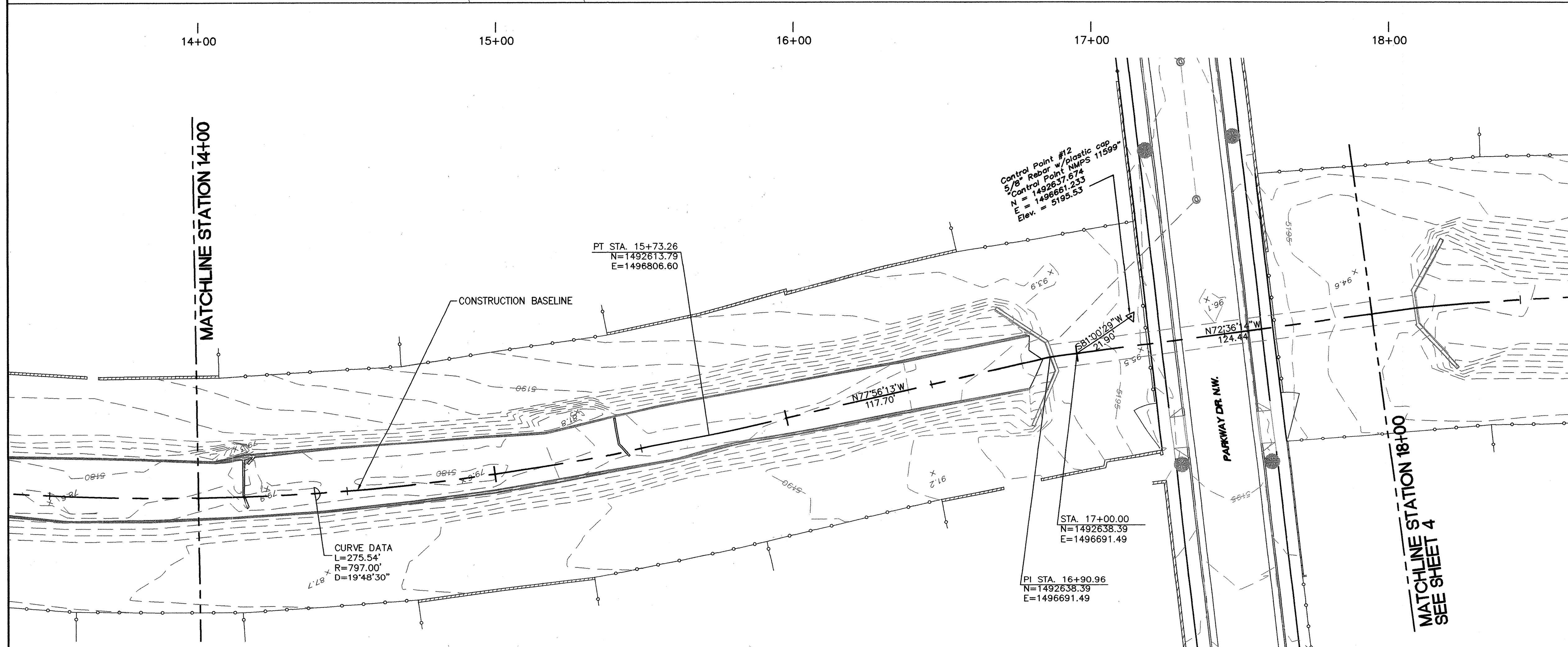
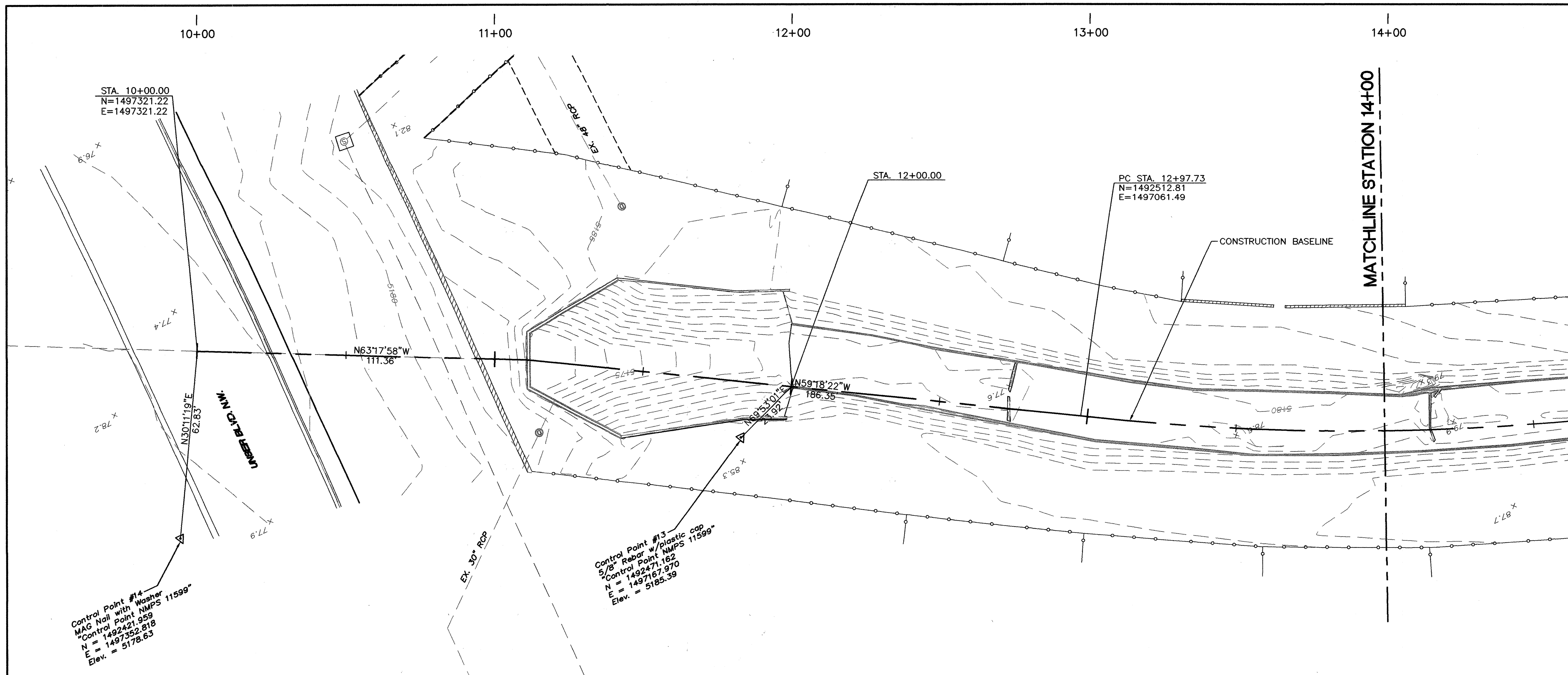
SEC JOB # 108128
Smith Engineering Company
A Full Service Engineering Company

**ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL AUTHORITY**

TITLE: PARKWAY STORM DRAIN
GENERAL NOTES AND LEGEND

Design Review Committee	City Engineer Approval	No. / Day / Yr.	No. / Day / Yr.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
	Last Design Update:		

Project No.	691592	Zone Map No.	J-9-Z	Sheet	2	Of	17
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LEGEND

- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING COMMUNICATION MANHOLE
- EXISTING CATV RISER
- EXISTING COMMUNICATION RISER
- EXISTING LIGHT
- EXISTING WATER VALVE
- EXISTING TREE
- EXISTING FENCELINE
- EXISTING WALL
- EXISTING CONTOUR (MAJOR)

NOTES:

1.) The coordinates shown hereon are modified (surface) N.M. State Plane Coordinates - Central Zone, NAD 83 (NSRS2007) and have been adjusted to the ACS control monument "3-H10". To obtain true state plane grid coordinates, multiply the coordinates shown hereon by the project average combined factor CF = 0.999679246. The elevations shown hereon are NAVD 88 and have been adjusted to "3-H10" as well (published elevation = 5196.151'). The coordinates and elevations are expressed in US Survey Feet.

2.) The underground utility locations are based on physical features such as manholes, valves, pedestals and spotting in the field and are approximate only. No digging was performed to locate the actual locations of buried utilities. The surveyor does not guarantee the completeness or accuracy of the buried utility data shown hereon. Actual locations should be verified prior to any excavating.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS CONTROL MONUMENT	DATE	FIELD NOTES	REMARKS	DESIGNED BY	DATE
NMVC	02/09	"3-H10"	11/08	STEVE TOLER	REVISIONS	PJC/RC	02/09
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
02/09	02/09	02/09	02/09	02/09	02/09	02/09	02/09

SCALE: 1" = 20'

SEC JOB # 108128

Smith Engineering Company

A Full Service Engineering Company

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

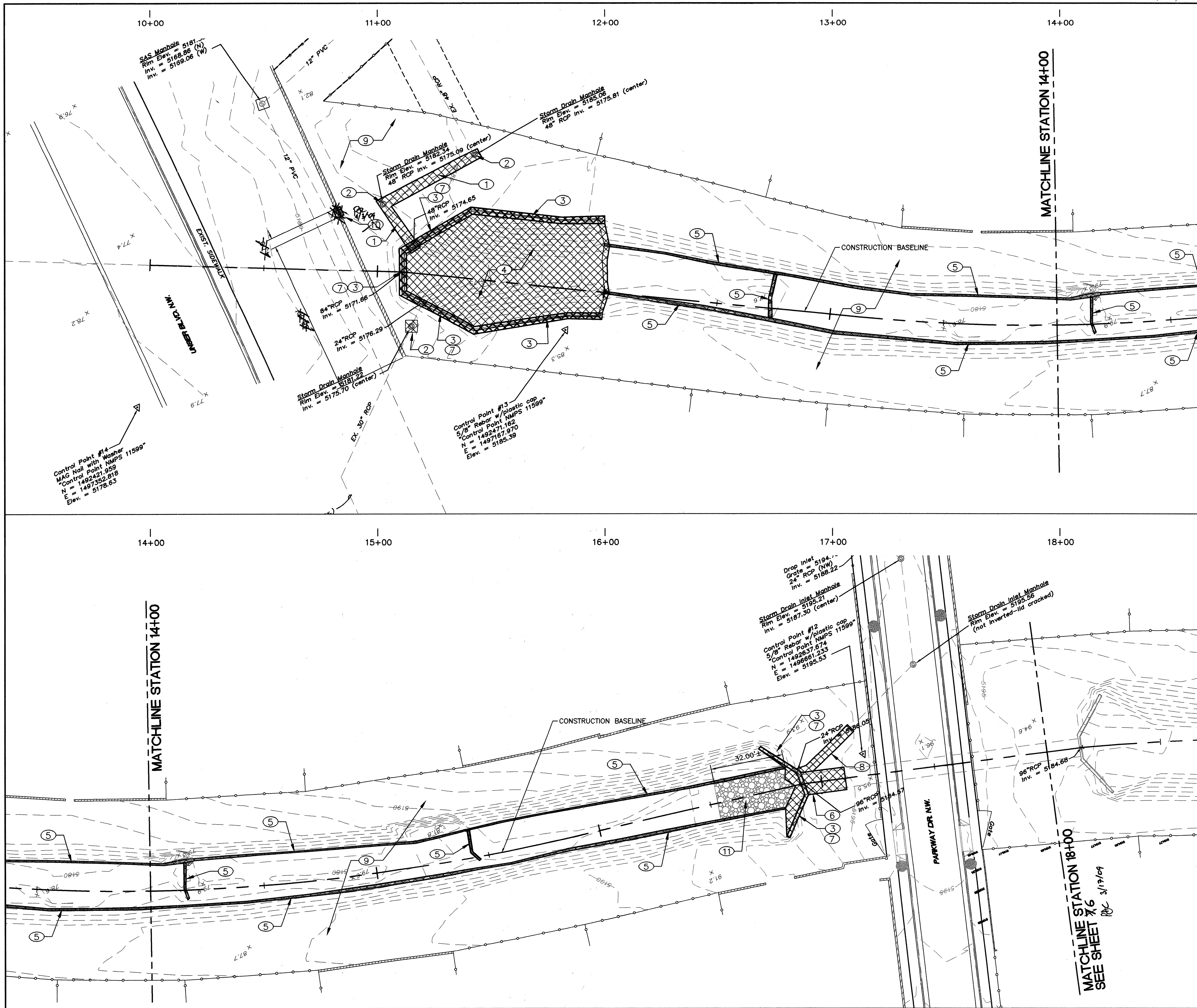
TITLE: PARKWAY STORM DRAIN EXISTING SURVEY & SITE CONTROL DATA STA 10+00 TO STA 18+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	No. / Day / Yr.	No. / Day / Yr.
APPROVED APR 03 2009 DESIGN REVIEW COMMITTEE	APPROVED APR 03 2009 CITY ENGINEER		

Project No. **691592**

Zone Map No. **J-9-Z**

Sheet **3** Of **17**



- KEYED NOTES:
- 1 REMOVE AND DISPOSE OF EXISTING 48" RCP STORM DRAIN AND FLAPGATE.
 - 2 REMOVE AND DISPOSE OF EXISTING STORM DRAIN MANHOLE.
 - 3 REMOVE AND DISPOSE OF EXISTING REINFORCED PORTLAND CEMENT CONCRETE HEADWALL.
 - 4 REMOVE AND DISPOSE OF EXISTING SHOTCRETE RUNDOWN.
 - 5 REMOVE AND SALVAGE EXISTING JERSEY BARRIERS. CONTRACTOR SHALL COORDINATE WITH AND DELIVER TO AMAFCA POWERLINE CHANNEL.
 - 6 REMOVE AND DISPOSE OF EXISTING 96" RCP FROM HEADWALL TO STA. 17+10.
 - 7 REMOVE AND SALVAGE EXISTING RAILING. CONTRACTOR SHALL COORDINATE WITH AND DELIVER RAILING TO AMAFCA YARD.
 - 8 REMOVE AND DISPOSE OF 32 LF OF EXISTING 24" RCP STORM DRAIN.
 - 9 CLEAR AND GRUB PROJECT AREA.
 - 10 SAWCUT, REMOVE AND DISPOSE OF 4 LF OF EXISTING CMU WALL. COORDINATE WITH ENGINEER FOR EXACT LOCATION OF CUT-IN WALL. *RD 4/1/09*
 - 11 REMOVE, SALVAGE AND STOCKPILE EXISTING RIP-RAP FOR USE IN LANDSCAPE AREAS.

SURVEY INFORMATION		BENCH MARKS	
NO.	BY	DATE	CONTRACTOR
11599	STEVIE TOLER	11/08	AS BUILT INFORMATION

ENGINEER'S SEAL		REVISIONS	
[Seal: P. J. COMPTON, CIVIL ENGINEER, NEW MEXICO]		NO.	DATE
		BY	DATE

REVISIONS		DESIGN	
NO.	DATE	DESIGNED BY	DATE
		DRAWN BY	DATE
		CHECKED BY	DATE

SEC JOB # 108128

Smith Engineering Company
A Full Service Engineering Company
2001 San Pedro Boulevard, S.E., Suite 400, Atlanta, Georgia, New Mexico 87110

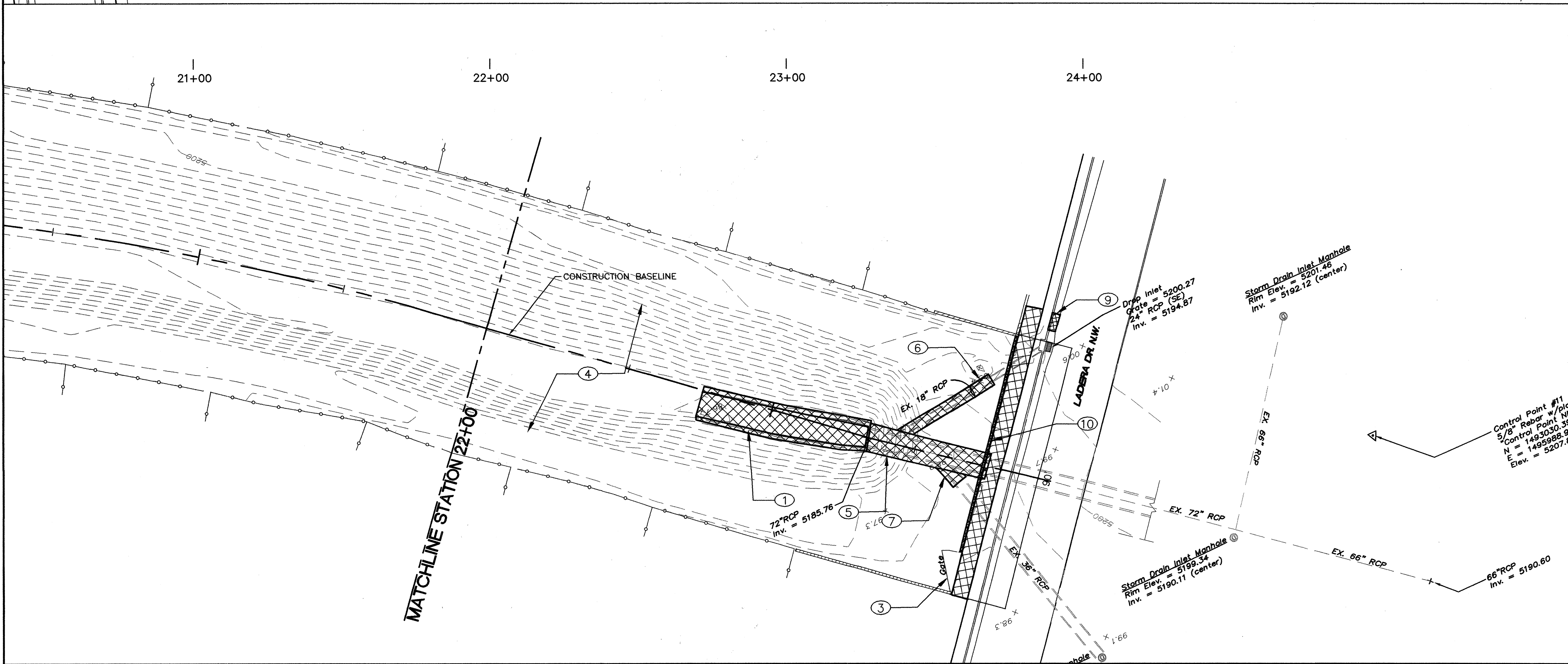
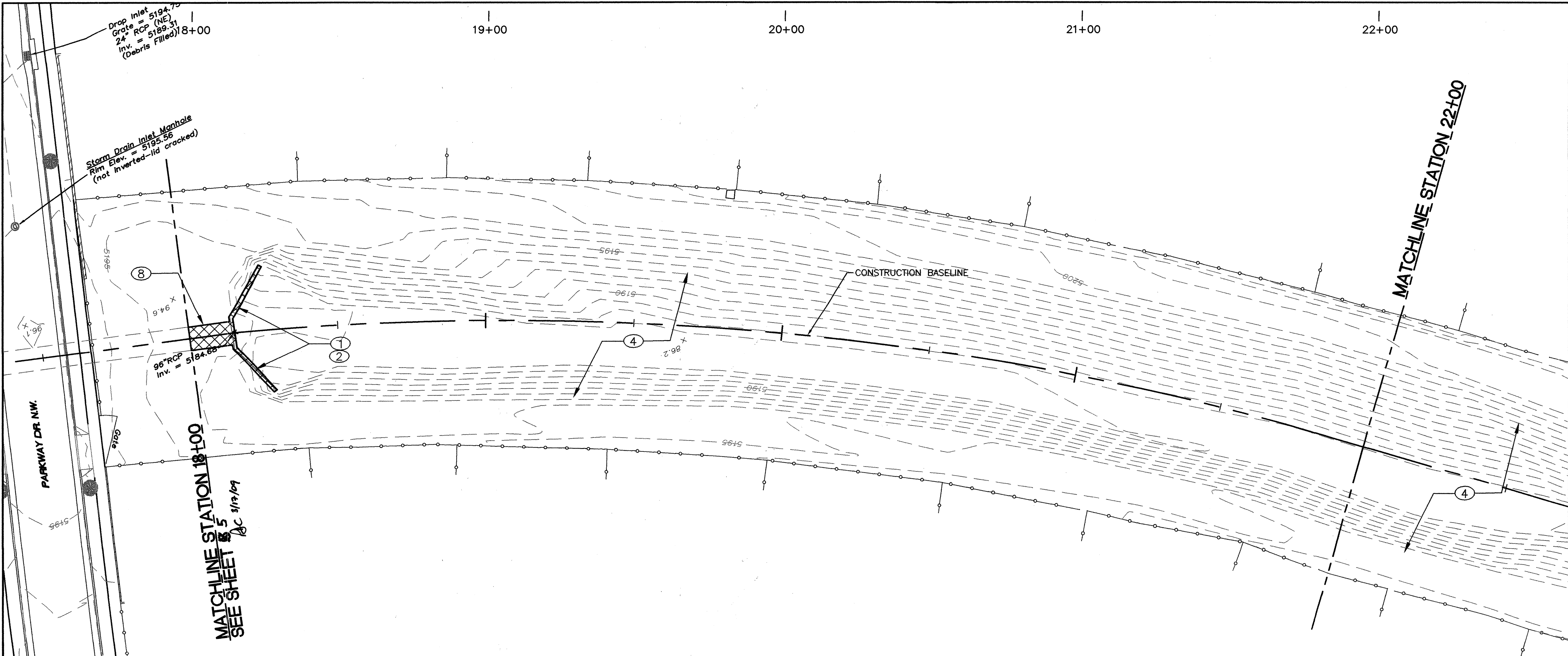
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

TITLE: PARKWAY STORM DRAIN REMOVAL SHEETS STA 10+00 TO STA 18+00

Design Review Committee: APPROVED APR 03 2009

City Engineer Approval: APPROVED APR 03 2009

Project No. 691592 Zone Map No. J-9-Z Sheet 5 of 17



KEYED NOTES:

- REMOVE AND DISPOSE OF EXISTING REINFORCED PORTLAND CEMENT CONCRETE CHANNEL.
- REMOVE AND SALVAGE EXISTING RAILING. CONTRACTOR SHALL COORDINATE WITH AND DELIVER TO AMAFCA YARD.
- REMOVE AND DISPOSE OF EXISTING LADERA PIPE GATE.
- CLEAR AND GRUB PROJECT AREA.
- REMOVE AND DISPOSE OF 40 LF (5 JOINTS) OF 72" RCP STORM DRAIN, TO STA. 23+75.
- REMOVE AND DISPOSE OF 39 LF OF 24" RCP STORM DRAIN.
- REMOVE AND DISPOSE OF 8 LF OF 30" RCP STORM DRAIN.
- REMOVE AND DISPOSE OF 16 LF OF 96" RCP STORM DRAIN.
- SAWCUT, REMOVE, AND DISPOSE OF EXISTING CURB AND GUTTER.
- REMOVE AND DISPOSE OF EXISTING CMU WALL.

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK	DATE
INSPECTOR	DATE
FIELD	DATE
VERIFICATION	DATE
CORRECTED	DATE
MICRO-FILM	DATE
INFORMATION	DATE

BEACH MARKS

ACS CONTROL MONUMENT "3-H10" NAD 83. THE ELEVATIONS SHOWN HEREON ARE NAVD 88 AND HAVE BEEN ADJUSTED TO "3-H10" (PUBLISHED ELEVATION = 5196.151').	DATE
NO.	BY
11599	STEVE TOLER

ENGINEER'S SEAL

PARKWAY J. CONLEY
NEW MEXICO
100141
LICENSED PROFESSIONAL ENGINEER

6/27/09

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY PJC/RC
DRAWN BY SEC
CHECKED BY PJC

DATE 02/09
DATE 02/09
DATE 02/09

SEC JOB # 108128

Smith Engineering Company
A Full Service Engineering Company
2001 San Pedro Boulevard, N.E., Bldg. #4, Suite 200 Albuquerque, New Mexico 87110

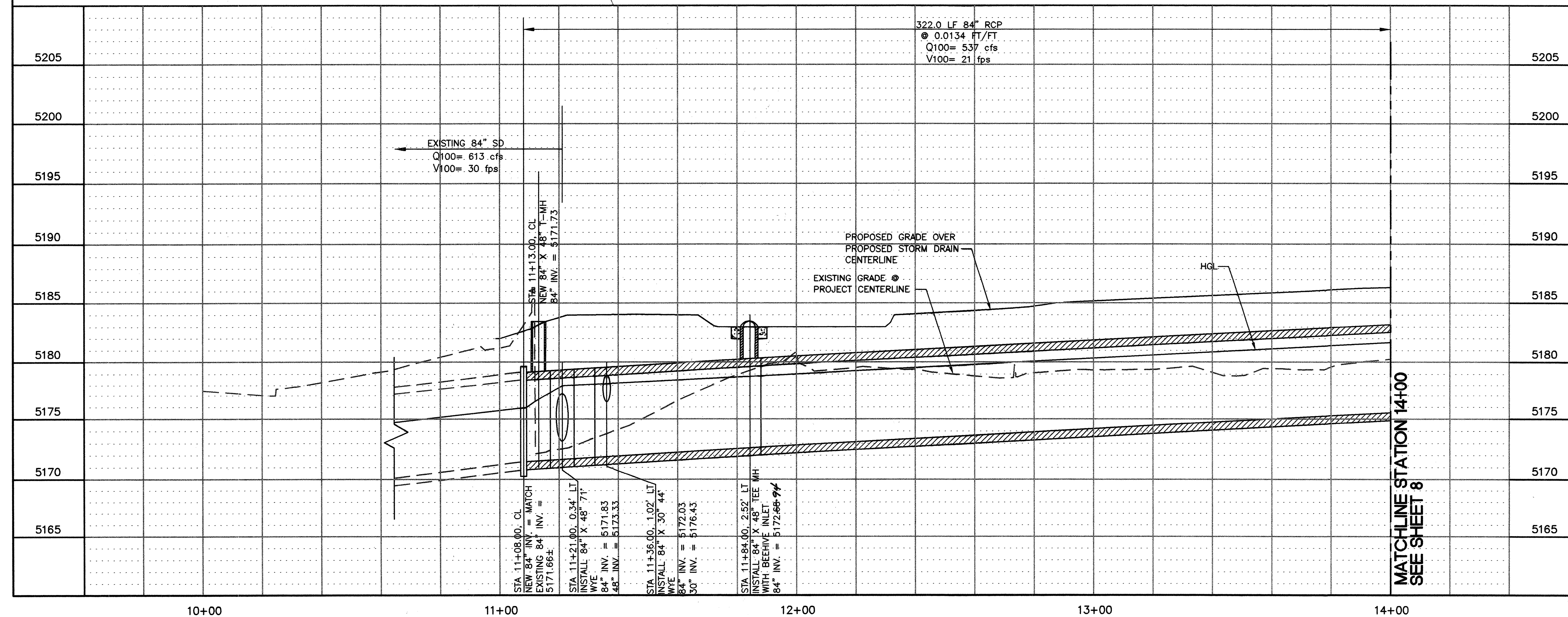
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

TITLE: PARKWAY STORM DRAIN REMOVAL SHEETS STA 18+00 TO STA 24+00

Design Review Committee
APPROVED
APR 03 2009
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
APR 03 2009
CITY ENGINEER

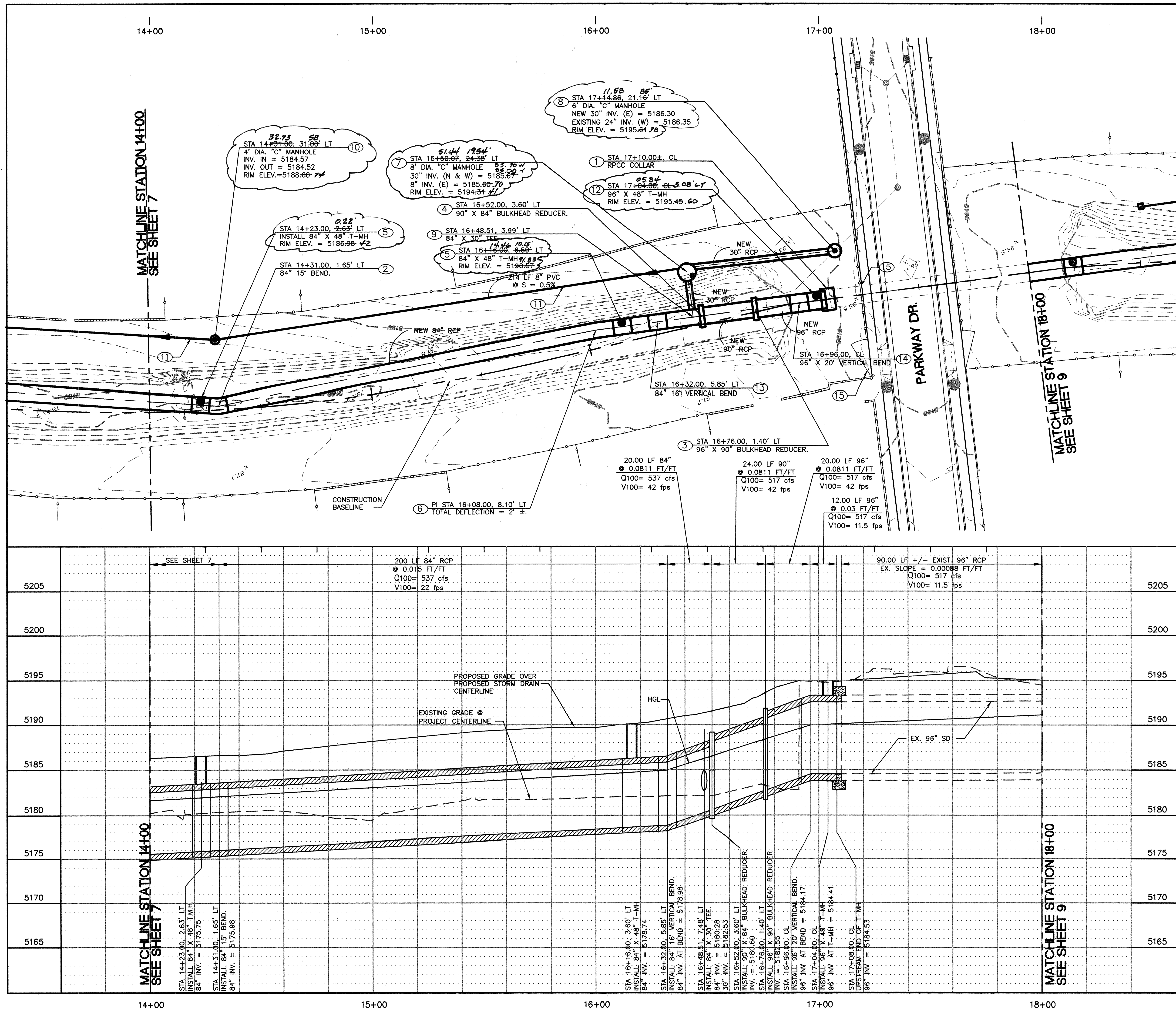
Project No. 691592
Zone Map No. J-9-Z
Sheet 6 **Of** 17



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ALBUQUERQUE METROPO ARROYO FLOOD CONTROL A		
TITLE: PAIKWAY STORM STORM DRAIN PLAN AND STA 10+00 TO STA		
Design Review Committee  APPROVE APR 03 2009 DESIGN REVIEW COMMITTEE	City Engineer Approval  APPROVE APR 03 2009 CITY ENGINEER	Text Design Update
Project No. 691952		Zone Map No. J-9-Z

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL				NO. / Day / Yr. _____		No. / Day / Yr. _____	
CONTRACTOR NMDC-1		AGS CONTROL MONUMENT "3-H10" NAD 83. THE ELEVATIONS SHOWN HEREON ARE NAVD 88 AND HAVE BEEN ADJUSTED TO "3-H10" (PUBLISHED ELEVATION = 5196.151').		FIELD NOTES		NO. / DATE 11589 11/08		NO. / DATE _____		NO. / DATE _____		NO. / DATE _____	
WORKS BY NM CONVEYING				BY		BY		REVISIONS		DESIGN		DATE 02/09	
SUSPECTS ACCEPTANCE BY GEC				STRIE TOLER						DESIGNED BY PJC/RC		DATE 02/09	
TYPED BY NM SURVEYING										DRAWN BY SEC		DATE 02/09	
VERIFICATION BY NM SURVEYING										CHECKED BY PJC		DATE 02/09	
DRAWINGS CORRECTED BY NM SURVEYING													
MICRO-FILM INFORMATION													
RECORDED BY													
DATE													
NO.													

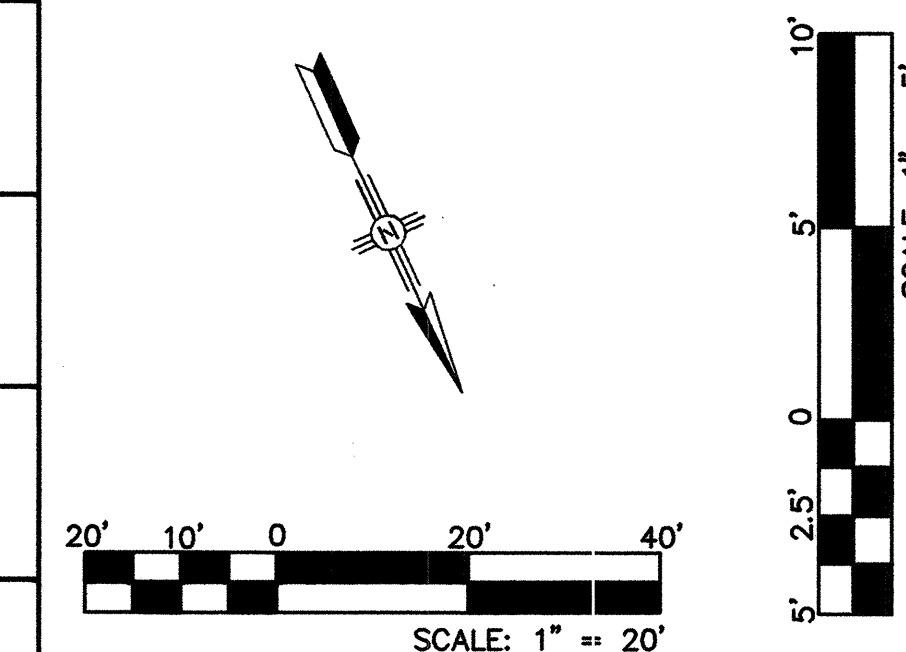


- ## KEYED NOTES:
- ① CONSTRUCT RPCC COLLAR. SEE DETAIL SHEET 15.
 - ② INSTALL PRE-CAST 84" CLASS IV RCP 15' BEND.
 - ③ INSTALL 96" X 90" ECCENTRIC BULKHEAD REDUCER.
 - ④ INSTALL 90" X 84" ECCENTRIC BULKHEAD REDUCER.
 - ⑤ INSTALL 84" X 48" TEE MANHOLE WITH BOLTED COVER. SEE DETAIL SHEET 15.
 - ⑥ PI IN PROJECT CENTERLINE. CONTRACTOR SHALL PULL PIPE JOINTS IN ACCORDANCE WITH MANUFACTURES ALLOWANCES TO ALIGN PIPE WITH BASELINE EAST OF THE PI.
 - ⑦ CONSTRUCT 8' DIA. "C" WATER QUALITY MANHOLE WITH BOLTED COVER PER DETAIL SHEET 16.
 - ⑧ CONSTRUCT 6' DIA. "C" MANHOLE WITH BOLTED COVER PER COA STD. DWG. 2101.
 - ⑨ INSTALL 84"x30" PRECAST TEE. SET FITTING SO THAT 30" TEE IS AT S=0.260 FT/FT AND WILL MATCH SLOPE OF INCOMING 30" RCP.
 - ⑩ CONSTRUCT 4' DIA. TYPE "C" MANHOLE WITH BOLTED COVER PER COA STD. DWG. 2101.
 - ⑪ INSTALL NEW 8" PVC WATER HARVESTING LINE.
 - ⑫ INSTALL 96"x48" TEE MANHOLE WITH BOLTED COVER. SEE DETAIL SHEET 15.
 - ⑬ INSTALL PRE-CAST 84" CLASS I V BEND.
 - ⑭ INSTALL PRE-CAST 90" CLASS IV BEND.
 - ⑮ PAINT EXISTING PIPE RAILING AND GATE.

NOTE: CONTRACTOR TO FIELD VERIFY EXISTING STORM DRAIN INVERTS AND LOCATIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES SO THAT ENGINEER CAN MODIFY PLANS AS REQUIRED.

NOTE: NEW MAINTENANCE ROAD, GRADING,
PLANTINGS AND OTHER SURFACE
FEATURES NOT SHOWN FOR CLARITY.
SEE SHEETS 11 THROUGH 14 FOR
THESE IMPROVEMENTS.

NOTE: ALL RCP SHALL BE CLASS IV UNLESS OTHERWISE NOTED.

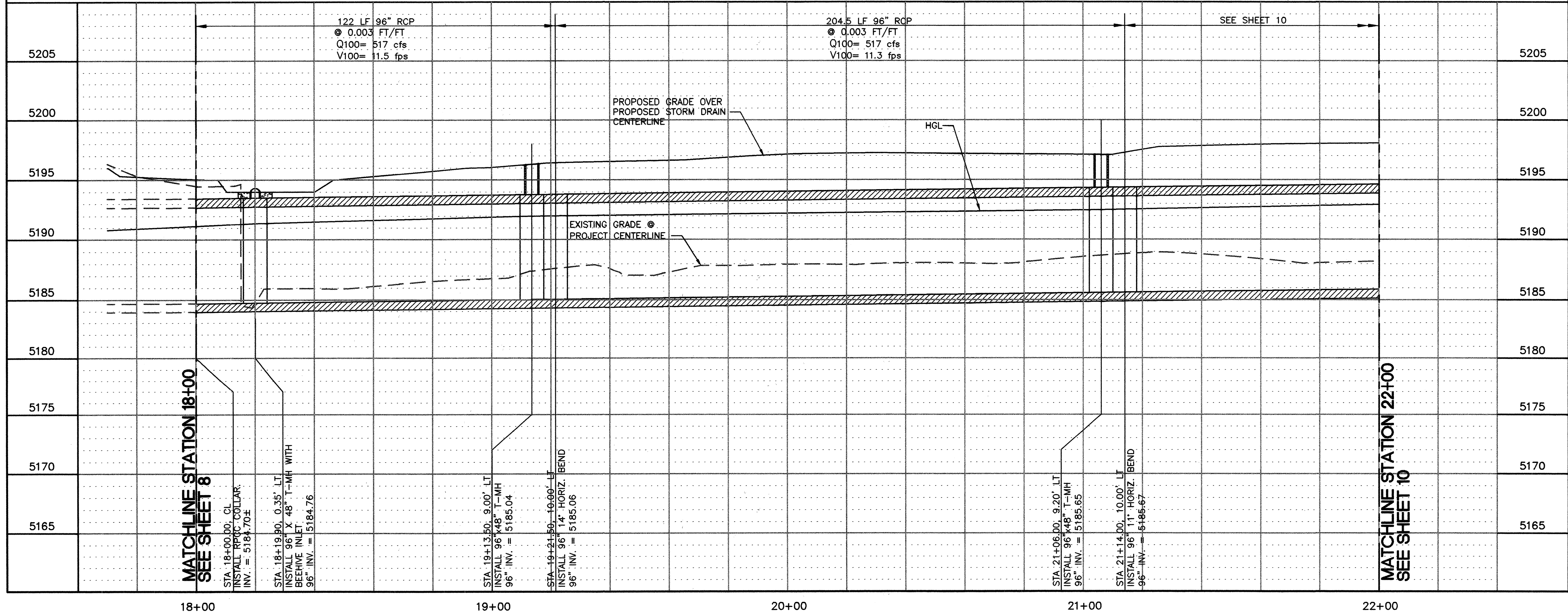
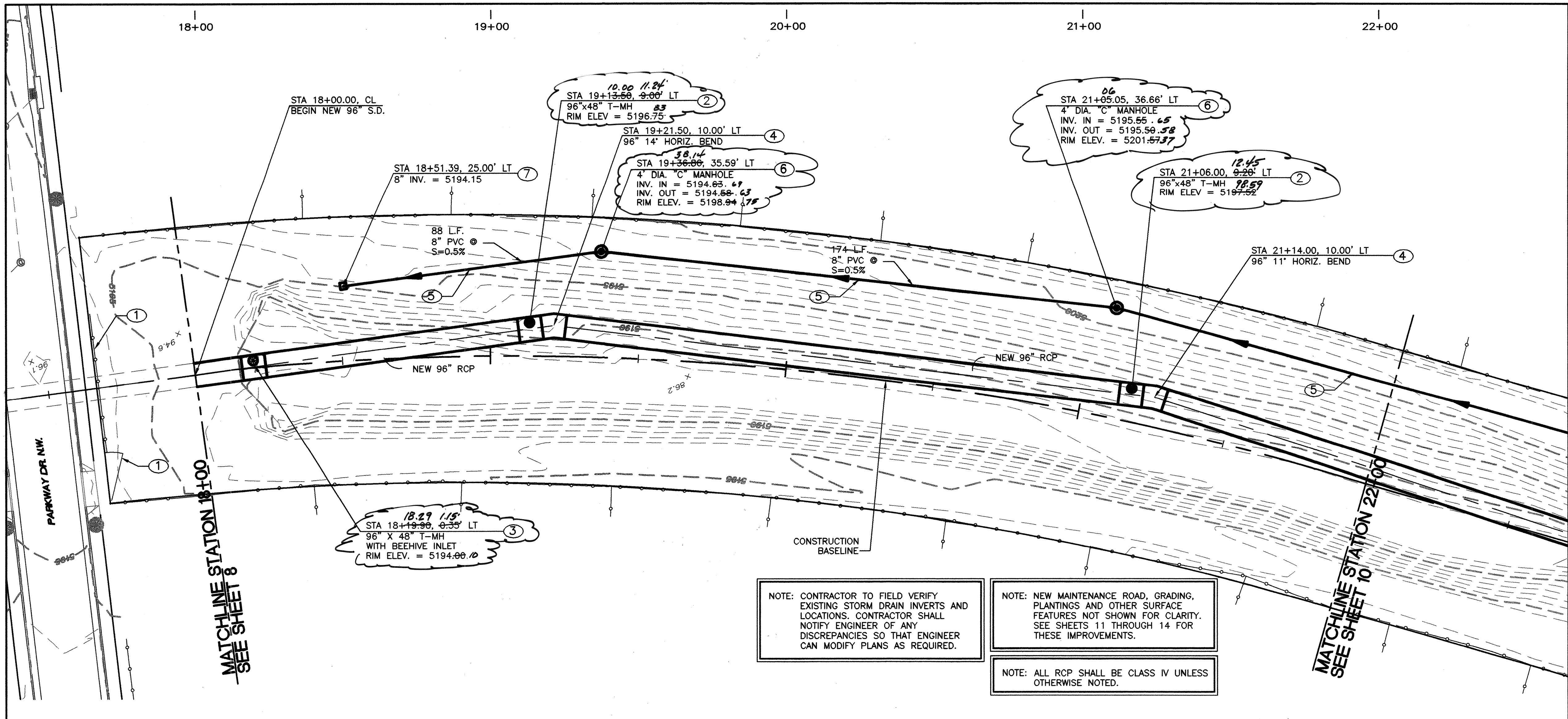


 SEC JOB # 108128
Smith Engineering Company
A Full Service Engineering Company
8201 San Pedro Boulevard, N.E., Bldg. #4, Suite 200 Albuquerque, New Mexico 87110

**ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL AUTHORITY**

**TITLE: PARKWAY STORM DRAIN
STORM DRAIN PLAN AND PROFILE
STA 14+00 TO STA 18+00**

Design Review Committee APPROVE APR 03 2009 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE APR 03 2009 CITY ENGINEER	Last Design Update	No. / Day / Yr.	No. / Day / Yr.
Project No. 691592		Zone Map No. J-9-Z	Sheet 8 Of 17	



KEYED NOTES:

- 1 PAINT EXISTING PIPE RAILING AND GATE.
- 2 INSTALL 96" X 48" T-MH WITH BOLTED COVER. SEE CIVIL DETAILS SHEET 15.
- 3 INSTALL 96" X 48" T-MH WITH BEEHIVE INLET. SEE CIVIL DETAILS SHEET 15.
- 4 INSTALL PRE-CAST CLASS IV 96" HORIZONTAL BEND. SEE PLAN VIEW FOR DEGREES.
- 5 INSTALL 8" PVC WATER HARVESTING LINE.
- 6 CONSTRUCT 4" DIA. TYPE "C" MANHOLE WITH BOLTED COVER PER COA STD. DWG. 2101.
- 7 CONSTRUCT 6" CONCRETE HEADWALL AT END OF 8" PVC WATER HARVESTING LINE. SEE DETAIL SHEET 16.

AS BUILT INFORMATION

CONTRACTOR: **NMUCI**
WORK STARTED BY: **NMUCI**
INSPECTED BY: **SEC**
FIELD VERIFICATION BY: **NMUCI**
CORRECTED BY: **NMUCI**
MICRO-FILM INFORMATION: **NO.**

SURVEY INFORMATION

FIELD NOTES: **NO.** 11589
DATE: 11/08
BY: STEVE TOLER

ENGINEER'S SEAL

PLATON J. CONLEY
MEXICO
0141
LICENSED PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY: PJC/RC
DRAWN BY: SEC
CHECKED BY: PJC

DATE: 02/09
DATE: 02/09
DATE: 02/09

SEC JOB # 108128
Smith Engineering Company
A Full Service Engineering Company
3801 San Pedro Boulevard, N.E., 3rd Fl., Suite 300, Albuquerque, New Mexico 87110

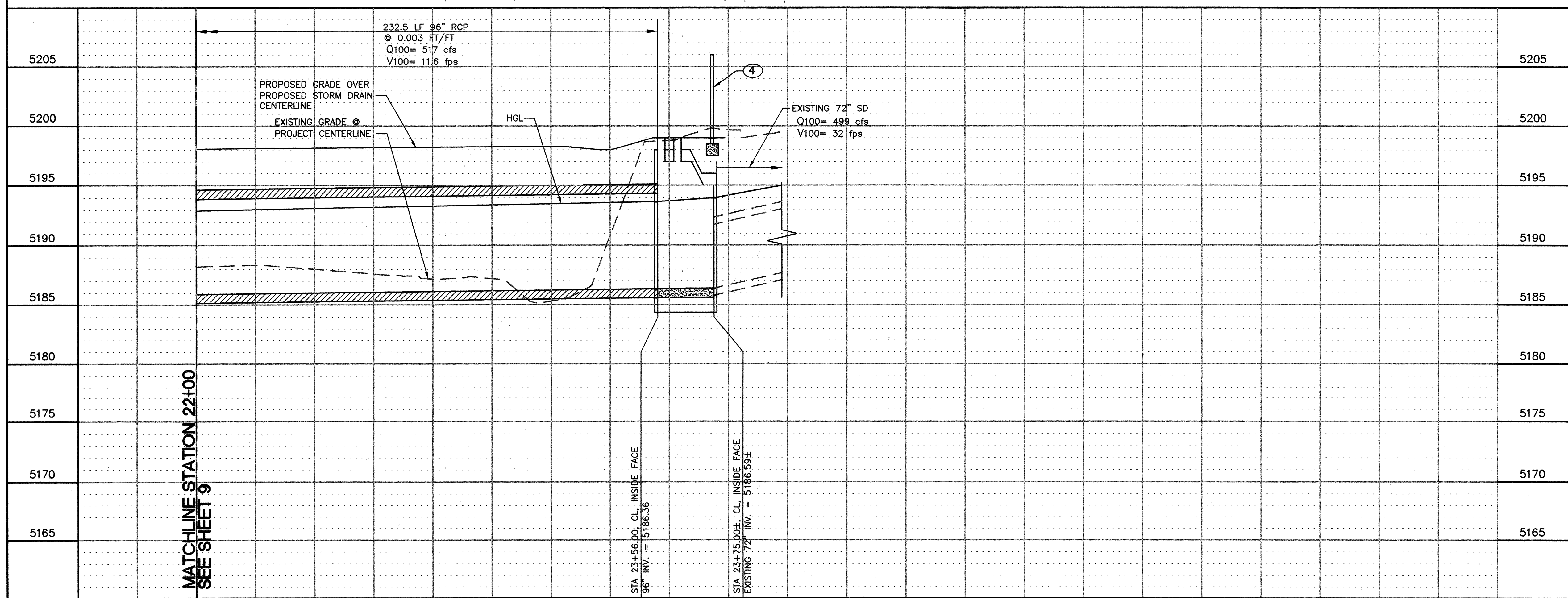
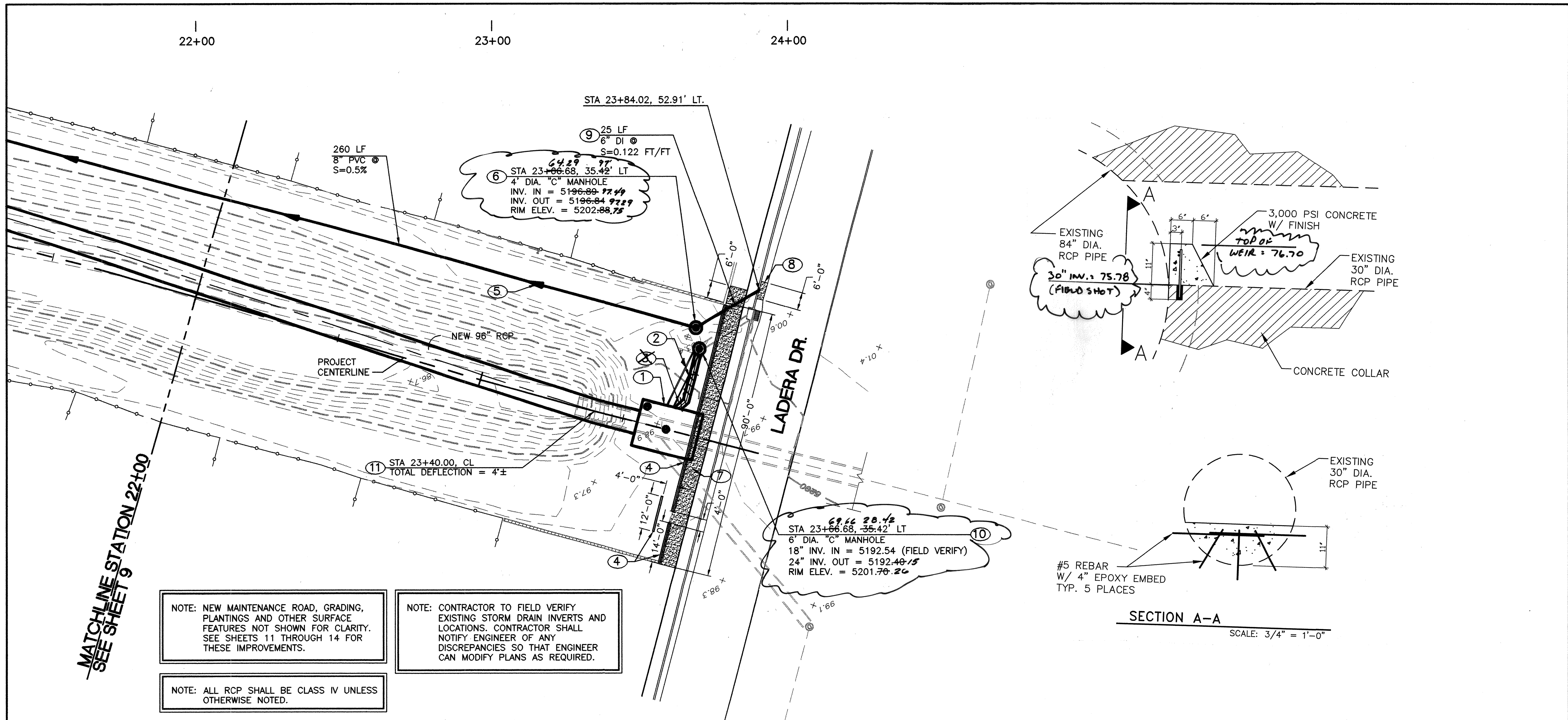
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

TITLE: PARKWAY STORM DRAIN STORM DRAIN PLAN AND PROFILE STA 18+00 TO STA 22+00

Design Review Committee APPROVED
APR 03 2009
DESIGN REVIEW COMMITTEE

City Engineer Approval APPROVED
APR 03 2009
CITY ENGINEER

Project No. **691592** Zone Map No. **J-9-Z** Sheet **9** of **17**



○ KEYED NOTES:

1. CONSTRUCT NEW JUNCTION BOX. SEE DETAIL SHEET 17.
2. INSTALL 22 LF OF 24" RCP STORM DRAIN AT S = 0.063 FT/FT.
3. INSTALL 24" 61' RCP FITTING.
4. CONSTRUCT NEW CMU BLOCK WALL. SEE DETAIL SHEET 17. MATCH TOP OF WALL ELEVATIONS WITH NEW WALL.
5. INSTALL 8" PVC WATER HARVESTING LINE.
6. CONSTRUCT 4" DIA. TYPE "C" MANHOLE WITH BOLTED COVER PER COA STD. DWG. 2101.
7. CONSTRUCT NEW 6' WIDE SIDEWALK PER COA STD. DWG. 2430. MATCH EXISTING GRADES.
8. CONSTRUCT NEW CURB AND GUTTER. SEE DETAIL SHEET 16.
9. INSTALL 6" DUCTILE IRON WATER HARVESTING LINE.
10. CONSTRUCT 6" DIA. TYPE "C" MANHOLE WITH BOLTED COVER PER COA STD. DWG. 2101.
11. PI POINT IN CENTERLINE. CONTRACTOR SHALL PULL PIPE JOINTS IN ACCORDANCE WITH MANUFACTURERS ALLOWANCES TO ALIGN PIPE WITH BASELINE.

AS BUILT INFORMATION

CONTRACTOR: NINUCI

WORK: STORM DRAIN

DATE: 10/09

INSPECTOR'S SIGNATURE: [Signature]

DATE: 10/09

FIELD ENGINEER'S SIGNATURE: [Signature]

DATE: 10/09

VERIFICATION BY: NM Survey

DATE: 10/09

CORRECTED BY: NM Survey

DATE: 10/09

MICRO-FILM INFORMATION

RECORDED BY: [Signature]

DATE: [Blank]

SURVEY INFORMATION

FIELD NOTES

NO. 11589

BY: STEVE TOLER

DATE: 11/08

AGS CONTROL MONUMENT "3-H10" NAD 83. THE ELEVATIONS SHOWN HEREON ARE NAD 83 AND HAVE BEEN ADJUSTED TO "3-H10" (PUBLISHED ELEVATION = 5196.151').

ENGINEER'S SEAL

PAUL J. CONLEY

NEW MEXICO

1041

LICENSED PROFESSIONAL ENGINEER

04/27/09

REVISIONS

NO.	DATE	REMARKS	BY
1	02/09	DESIGN	
2	02/09	DESIGN	
3	02/09	DESIGN	

DESIGNED BY: PJC/RC

DRAWN BY: SEC

CHECKED BY: PJC

SEC JOB # 108128

Smith Engineering Company

A Full Service Engineering Company

2001 San Pedro Boulevard, N.E., 3rd Fl., Suite 200 Albuquerque, New Mexico 87110

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

TITLE: PARKWAY STORM DRAIN STORM DRAIN PLAN AND PROFILE STA 22+00 TO STA 24+00

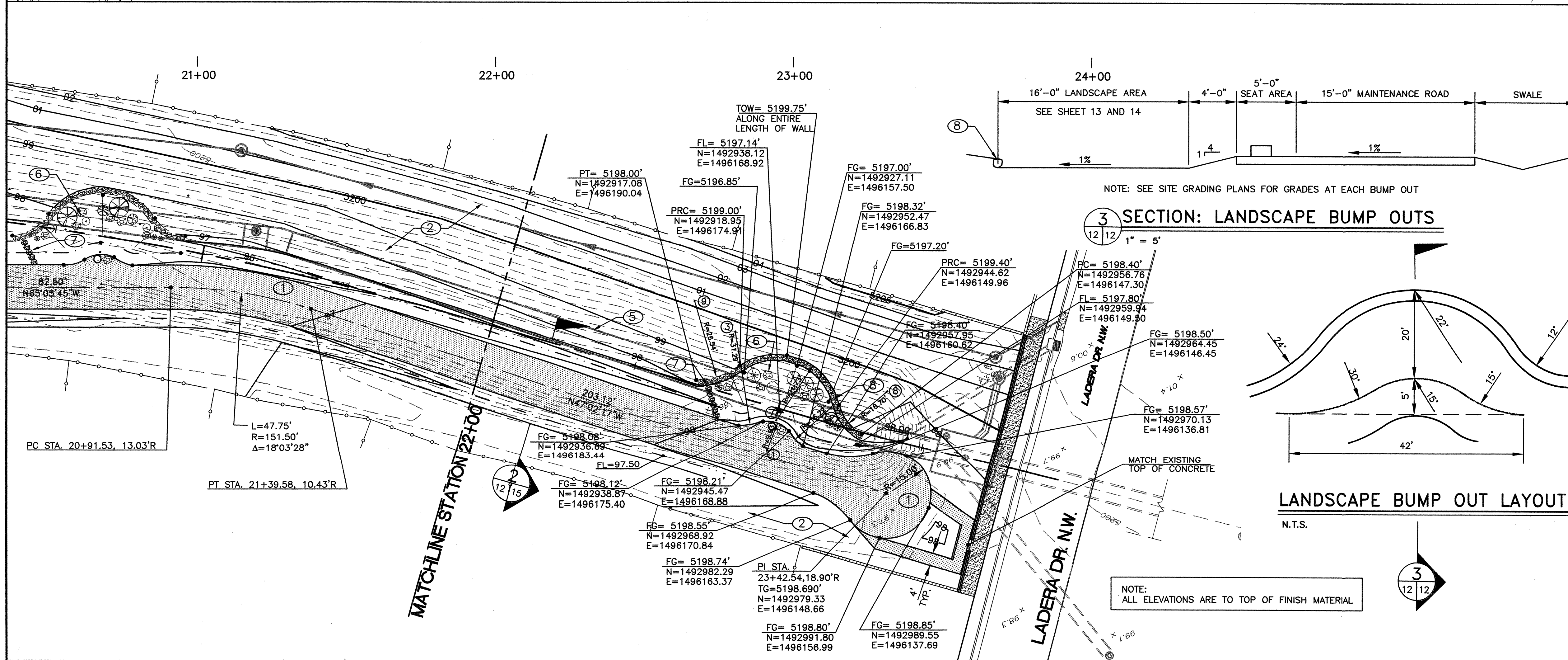
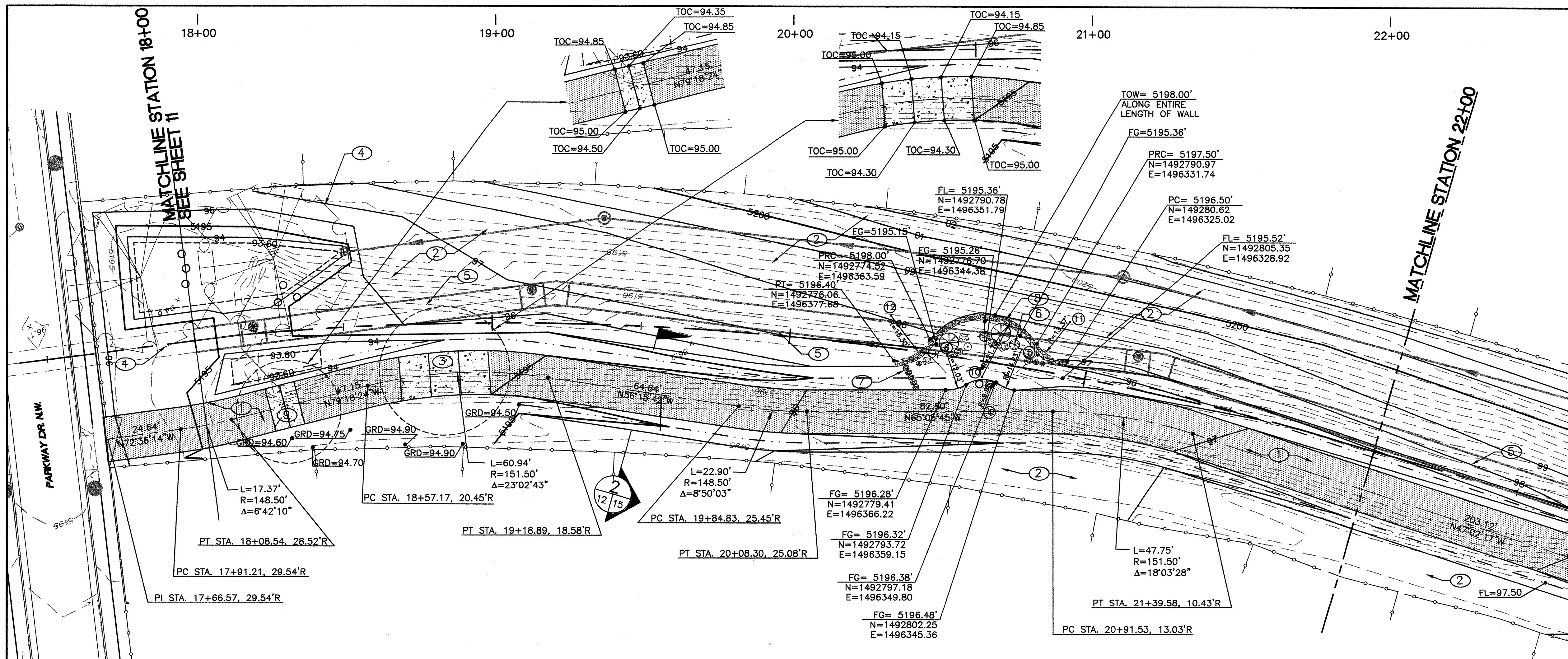
Design Review Committee APPROVED APR 03 2009

City Engineer Approval APPROVED APR 03 2009

Project No. 691592

Zone Map No. J-9-Z

Sheet 10 of 17



KEYED NOTES:

- CONSTRUCT 15' WIDE MAINTENANCE ROAD. SEE DETAIL SHEET 15.
- RESEED ALL DISTURBED AREAS WITHIN AMAFCA ROW.
- CONSTRUCT 30" RPCC LOW FLOW CROSSING. SEE DETAIL SHEET 16.
- LANDSCAPING SEE SHEET 14.
- NEW STORM DRAIN. SEE SHEETS 7 THROUGH 10.
- PLANTING AREA. LAYOUT SHOWN ON THIS SHEET. PLANTING SHOWN ON SHEET 14.
- 12" RIP RAP BURIED SO THAT 4" IS ABOVE GRADE TO BACKWATER PLANTING AREA.
- INSTALL RIP RAP SALVAGED FROM SITE.
- CONSTRUCT 10" RPCC LOW FLOW CROSSING. SEE DETAIL SHEET 16.

ROADWAY RADIUS CENTER POINT TABLE:

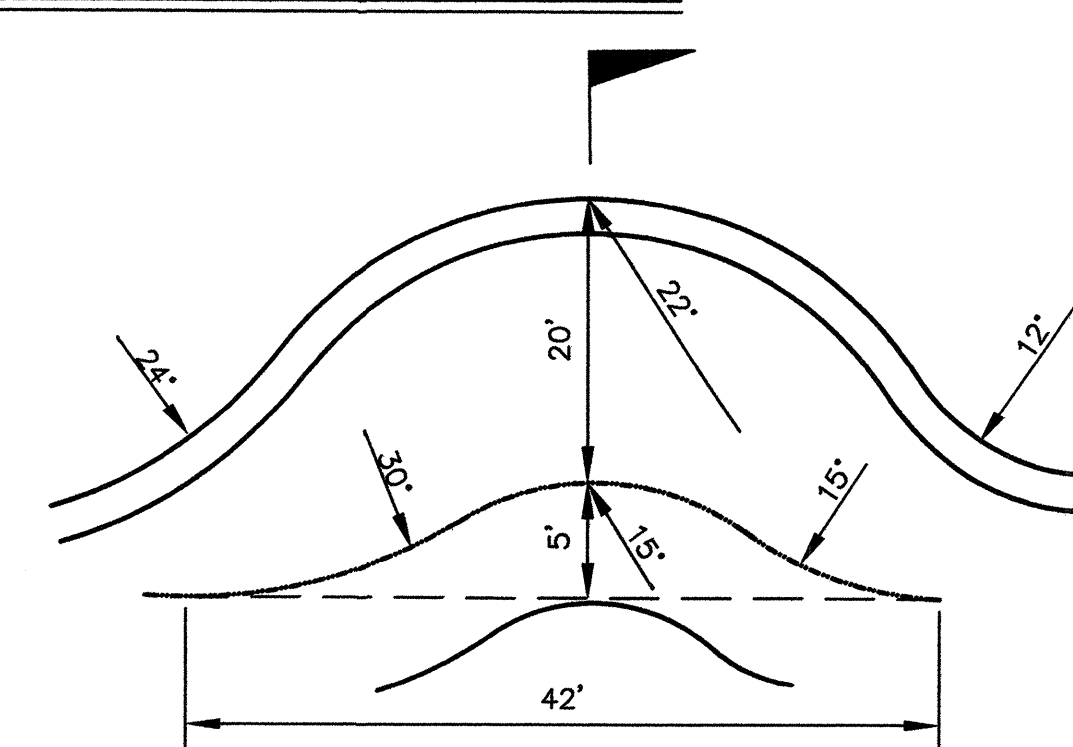
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2	N=1492944.18 E=1496152.70
3	N=1492907.85 E=1496171.31
4	N=1492803.53 E=1496357.46
5	N=1492790.62 E=1496633.16
6	N=1492781.77 E=1496360.59

PLANTER RADIUS CENTER POINT TABLE:

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8	N=1492947.38 E=1496133.49
9	N=1492892.79 E=1496179.35
10	N=1492793.65 E=1496353.31
11	N=1492788.93 E=1496318.53
12	N=1492781.81 E=1496372.12

NOTE: SEE SITE GRADING PLANS FOR GRADES AT EACH BUMP OUT

SECTION: LANDSCAPE BUMP OUTS

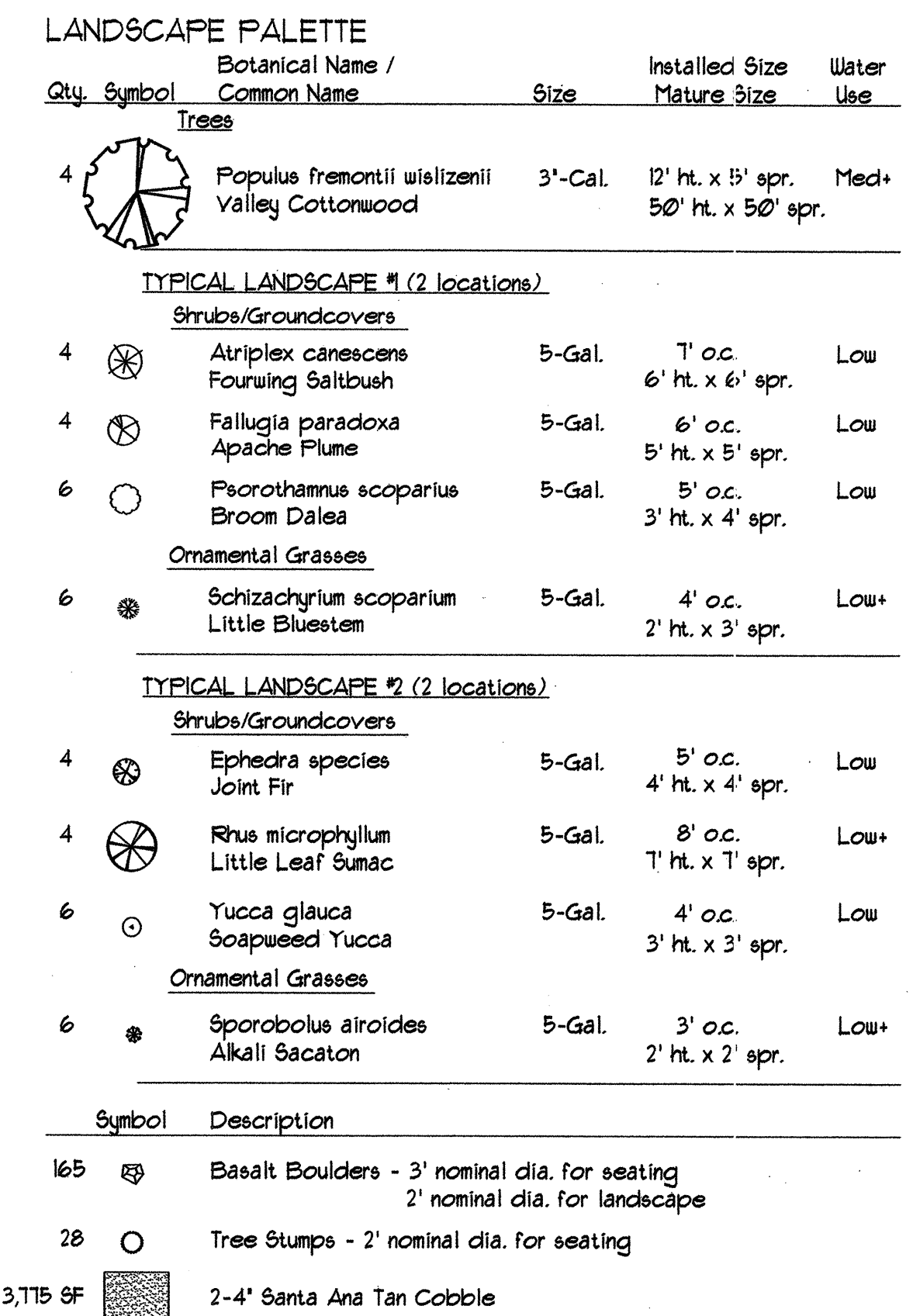


LANDSCAPE BUMP OUT LAYOUT

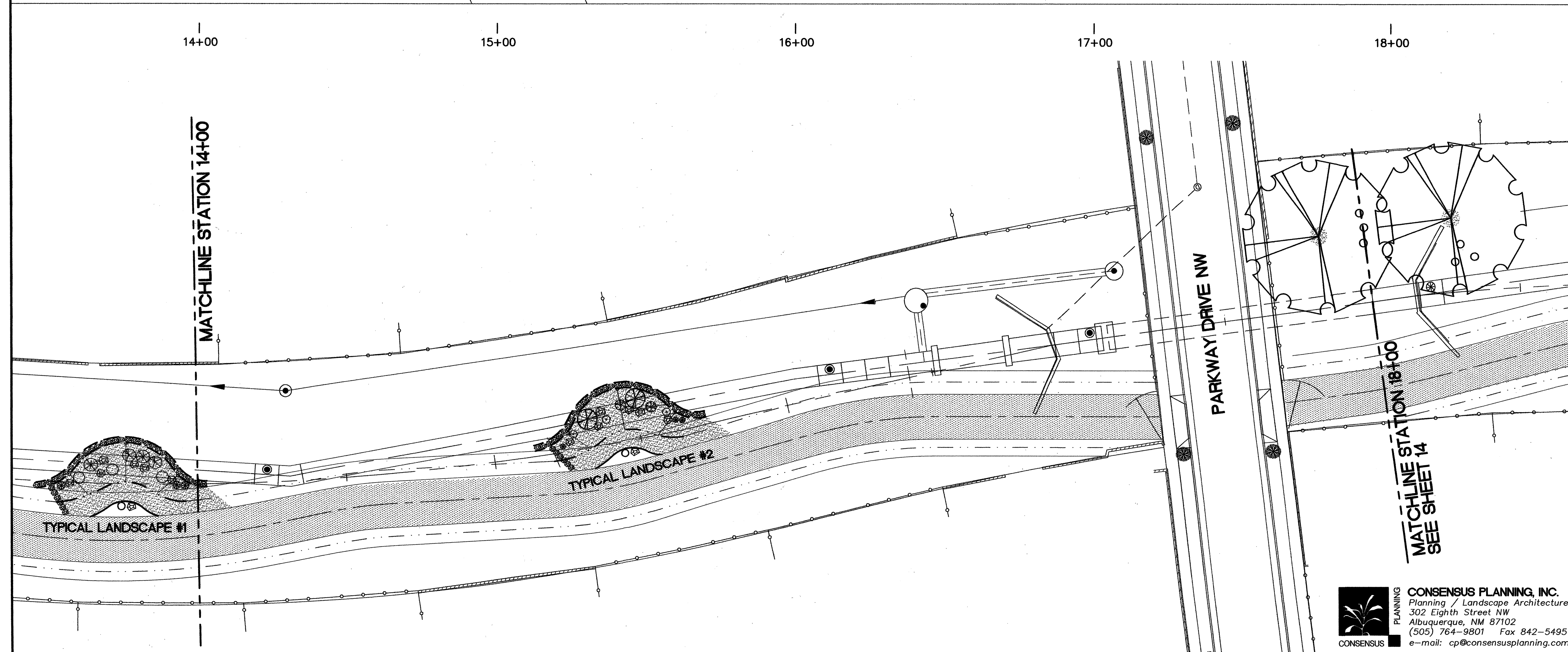
N.T.S.

NOTE:
ALL ELEVATIONS ARE TO TOP OF FINISH MATERIAL

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	NMDC	DATE	11/08	NO.	11598	BY	STEVE TOLER
INSPECTOR'S DATE	11/08	DATE	11/08	NO.		BY	
VERIFICATION DATE		DATE		NO.		BY	
MICRO-FILM INFORMATION		DATE		NO.		BY	
RECORDED BY		DATE		NO.		BY	
TITLE:		PARKWAY STORM DRAIN SITE GRADING PLAN STA 18+00 TO STA 24+00		DESIGNED BY		P.C./R.C.	
Design Review Committee		City Engineer Approval		DATE		02/09	
Project No.		691592		Zone Map No.		J-9-Z	
Sheet		12		Of		17	



NOTE: SEE SHEET 14 FOR GENERAL LANDSCAPE NOTES & SEATING DETAILS.



20' 10' 0 20' 40'

SCALE: 1" = 20'

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ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL AUTHORITY

TITLE:	PARKWAY STORM DRAIN LANDSCAPE PLAN STA 10+00 TO STA 18+00
--------	---

Design Review Committee

APPROVED

APR 03 2009

DESIGN
REVIEW COMMITTEE

Project No.

City Engineer Approval

APPROVED

APR 03 2009

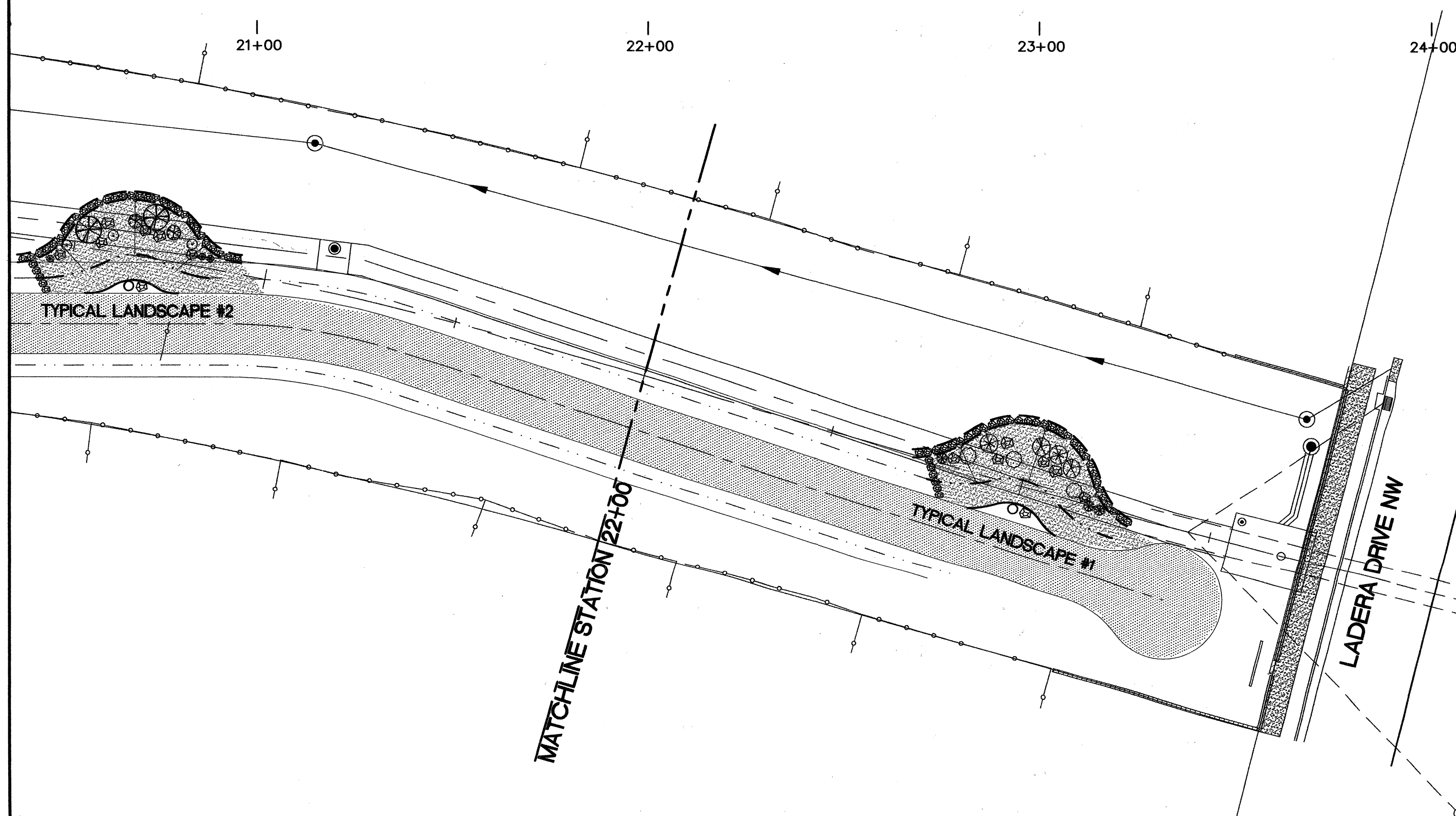
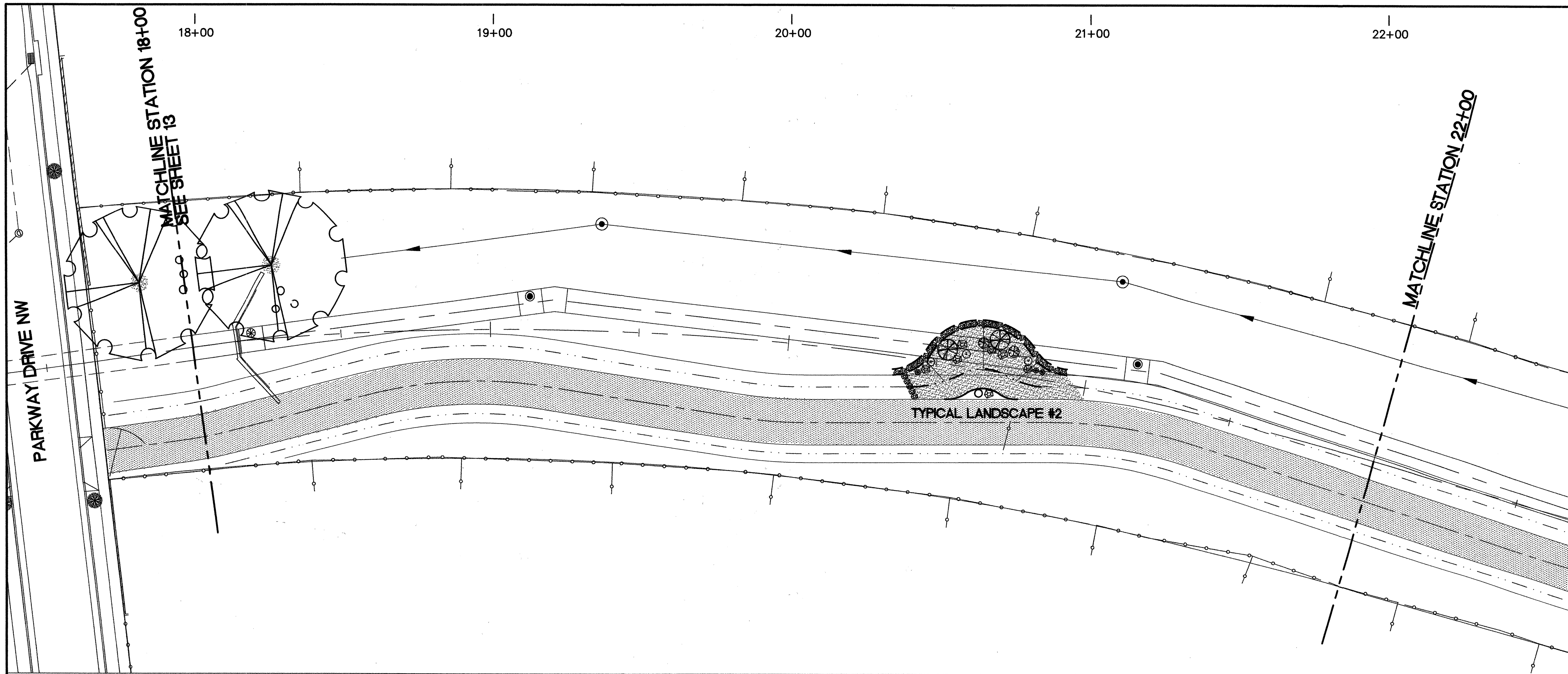
CITY ENGINEER

Last Design

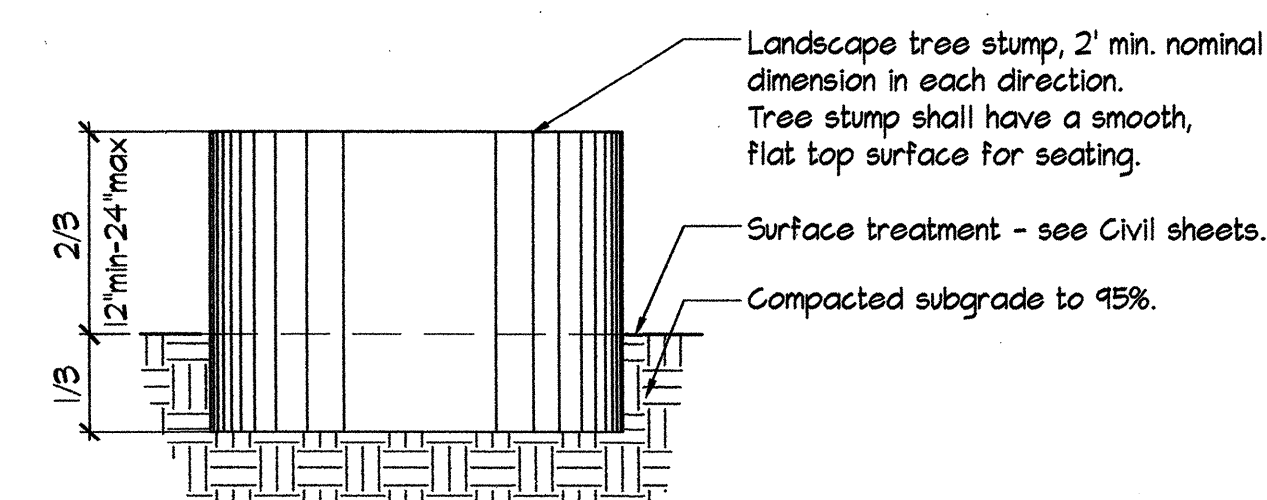
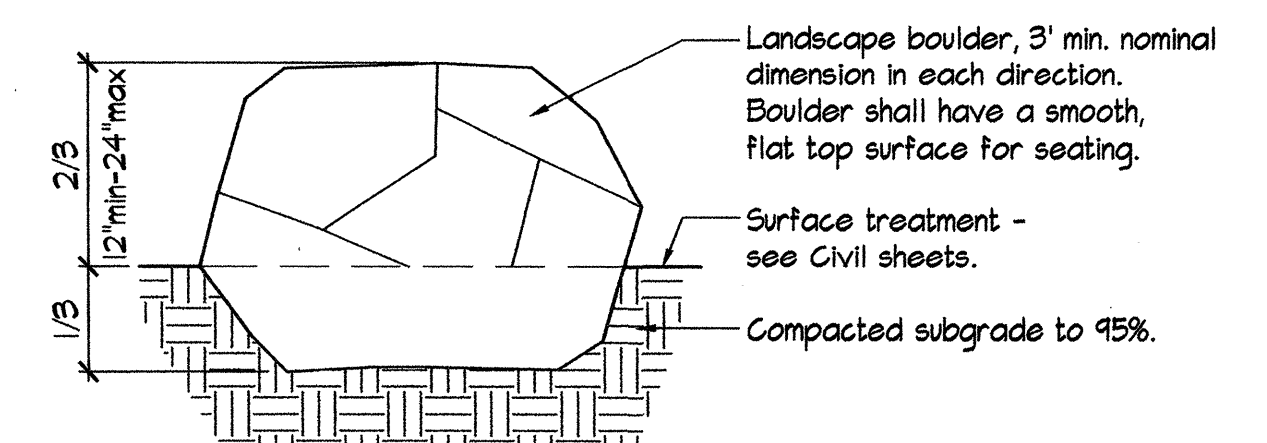
Zone Map

J-9-Z	13	17
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[illegible]



Note:
Exact placement to be coordinated with Construction Manager/
Owner's Representative - to ensure, as much as possible, boulders
and tree stumps are suitable for seating. Boulders and Tree Stumps
to be supplied and delivered by AMAFCA but installed by Contractor
with placement at the direction of the Construction Manager.



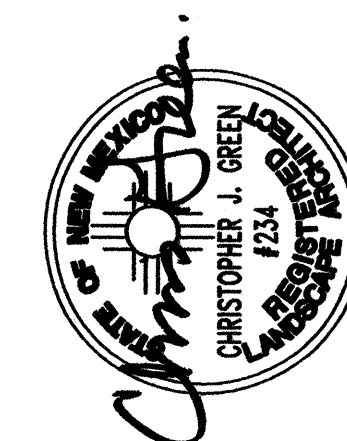
1 BOULDER & TREE STUMP SEATING
N.T.S.

CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
302 Eighth Street NW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

GENERAL LANDSCAPE NOTES

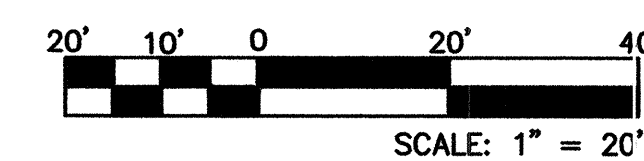
1. PRIOR TO BEGINNING WORK ON THE PROJECT, THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT IN THE FIELD WITH THE OWNER'S REPRESENTATIVE. IF DISCREPANCIES OCCUR BETWEEN THE DRAWINGS AND THE SITE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING ON THAT PORTION OF WORK. CONTRACTOR IS TO VERIFY MEASUREMENTS PRIOR TO ORDERING MATERIALS.
2. ALL PLANTING AREAS ARE TO HAVE: NEEDS, EXISTING TURF, AND COMPETITIVE VEGETATION REMOVED PRIOR TO PREPARATION FOR PLANTING.
3. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY; PLANS SHALL TAKE PRECEDENCE.
4. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT MATERIAL PRIOR TO PLANTING. IN ADDITION, THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. THE OWNER'S REPRESENTATIVE IS TO APPROVE ANY AND ALL SUBSTITUTIONS.
5. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
6. PLANTING INSTALLATION SHALL BE IN ACCORDANCE WITH ALL CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS AND DETAILS. THE ONLY EXCEPTION IS USE OF COBBLE MULCH AT TREES RATHER THAN BARK MULCH.
7. PLANTING AREAS SHALL BE TOP DRESSED WITH 2-4" SANTA ANA TAN COBBLE (6" DEPTH) OVER DEWITT PRO-5 WEED CONTROL FABRIC UNLESS NOTED OTHERWISE.
8. ALL PLANTS SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF INSTALLATION. ANY PLANTS WITH UNSATISFACTORY VIGOR SHALL BE REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
9. PLANTS SHALL BE PLANTED ONLY WHEN WEATHER AND SOIL CONDITIONS PERMIT, AND IN ACCORDANCE WITH LOCALLY ACCEPTED PRACTICES, AND AS REVIEWED BY THE OWNER'S REPRESENTATIVE.
10. SEE SHEET 13 FOR LANDSCAPE PALETTE.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	NMDCE	ACS CONTROL MONUMENT "3-H10" NAD 83. THE ELEVATIONS SHOWN HEREON ARE NAVD 88 AND HAVE BEEN ADJUSTED TO "3-H10" (PUBLISHED ELEVATION = 5196.15').	DATE	NO.	BY
INSPECTOR'S	DATE		11/08	11599	STEVE TOLER
FIELD	DATE				
VERIFICATION BY	DATE				
LOCUS	DATE				
CORRECTED BY	DATE				
NO.	DATE				
RECORDED BY	DATE				
NO.	DATE				



3-2-09

NO.	DATE	REMARKS	BY
		DESIGN	
	02/09		
	02/09		
	02/09		



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Smith Engineering Company
A Full Service Engineering Company
2020 San Pedro Boulevard, N.E., Bldg. #4, Suite 200 Albuquerque, New Mexico 87110

ALBUQUERQUE METROPOLITAN
ARROYO FLOOD CONTROL AUTHORITY

TITLE: PARKWAY STORM DRAIN
LANDSCAPE PLAN & DETAILS
STA 18+00 TO STA 24+00

Design Review Committee
APPROVED
APR 03 2009
DESIGN REVIEW COMMITTEE

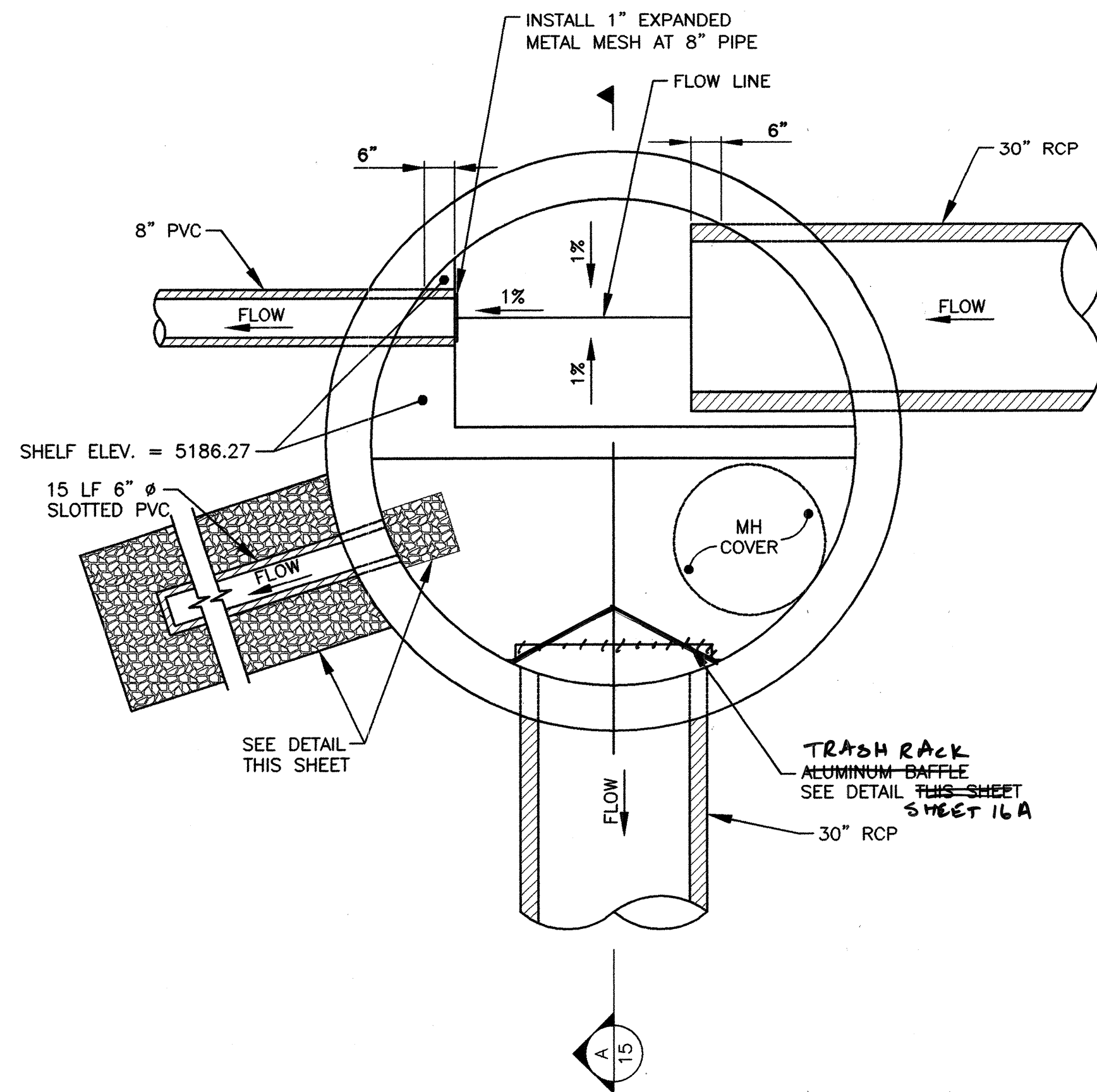
City Engineer Approval
APPROVED
APR 03 2009
CITY ENGINEER

No. / Day / Yr.	No. / Day / Yr.

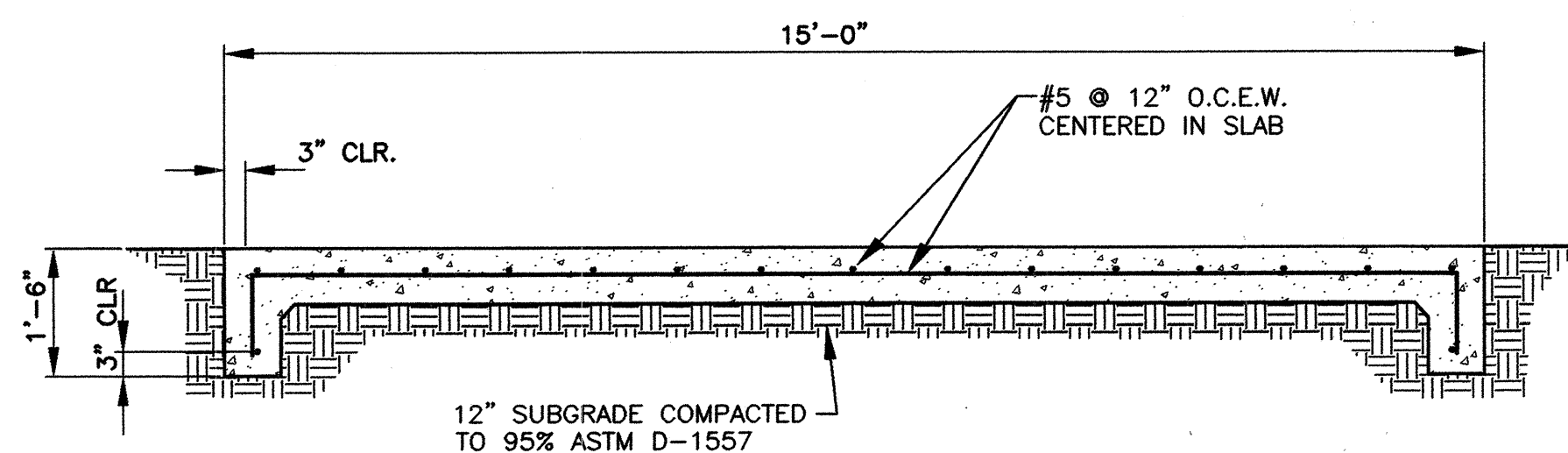


RCP SIZE	COLLAR LENGTH
18" - 36"	2'-0"
36" - 60"	3'-0"
66" +	4'-0"

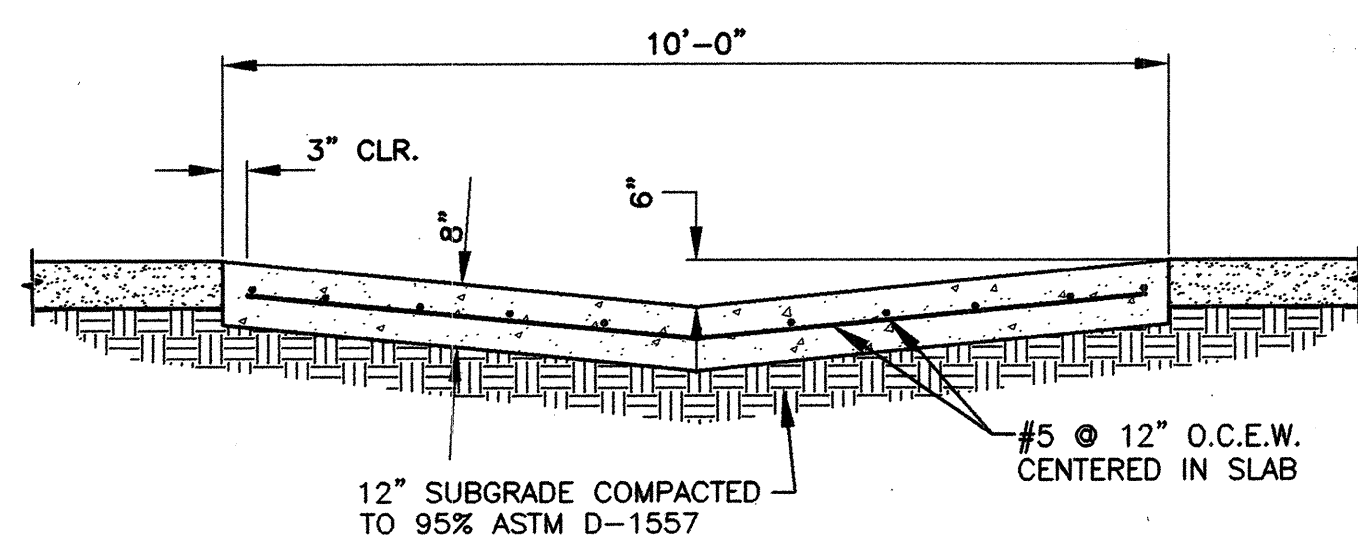
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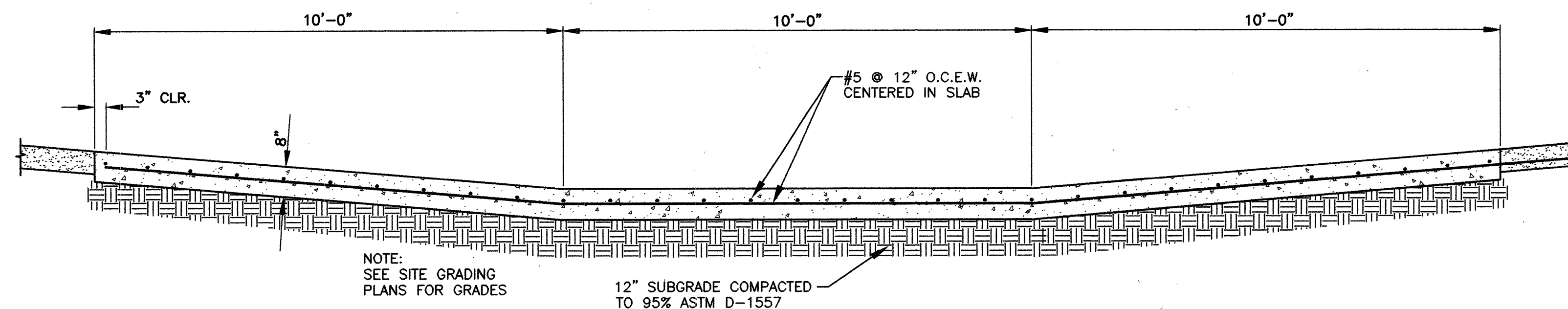
PARKWAY WATER QUALITY MANHOLE
N.T.S.



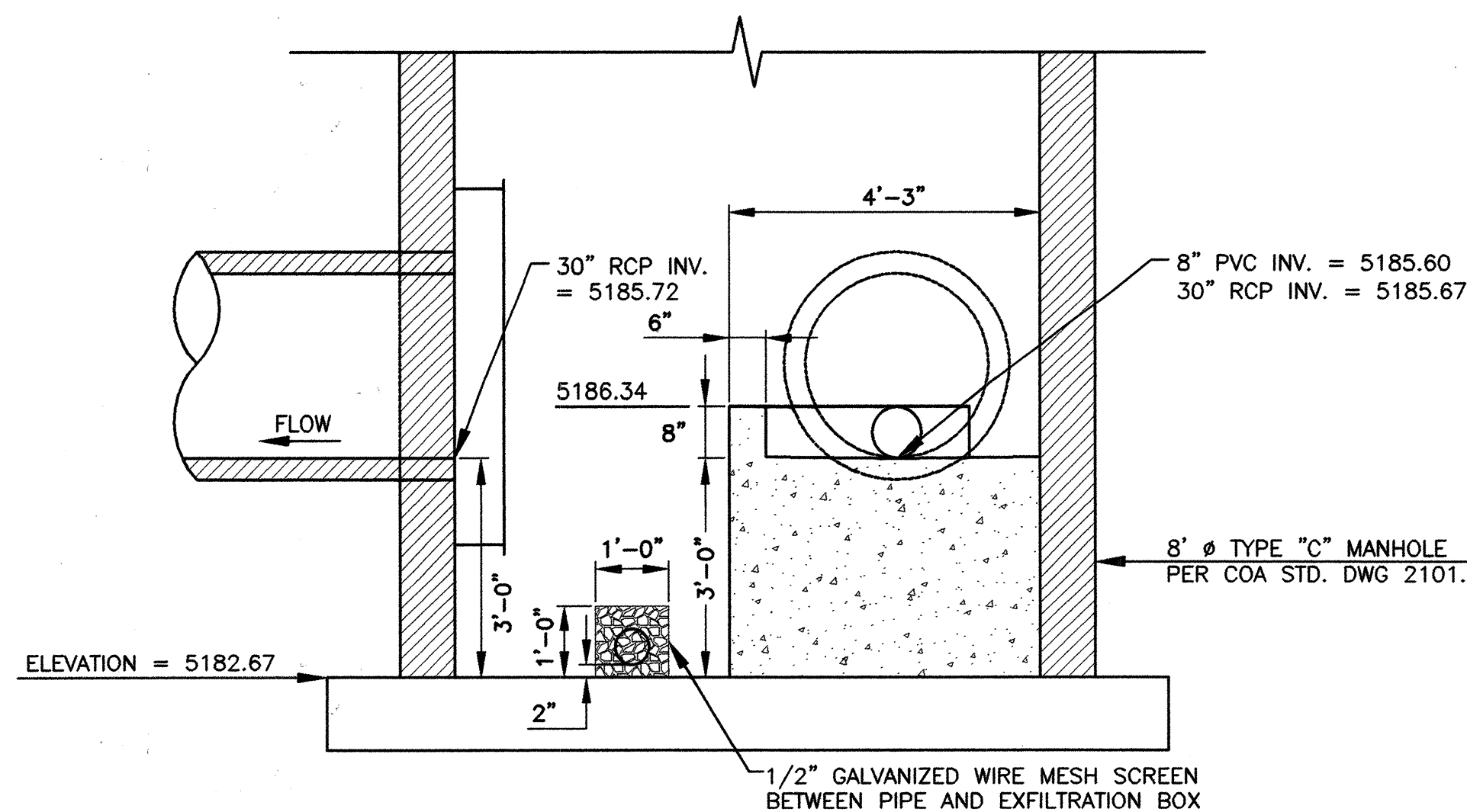
TRANSVERSE SECTION: 30' & 10' RPCC LOW FLOW CROSSING
1"=2'



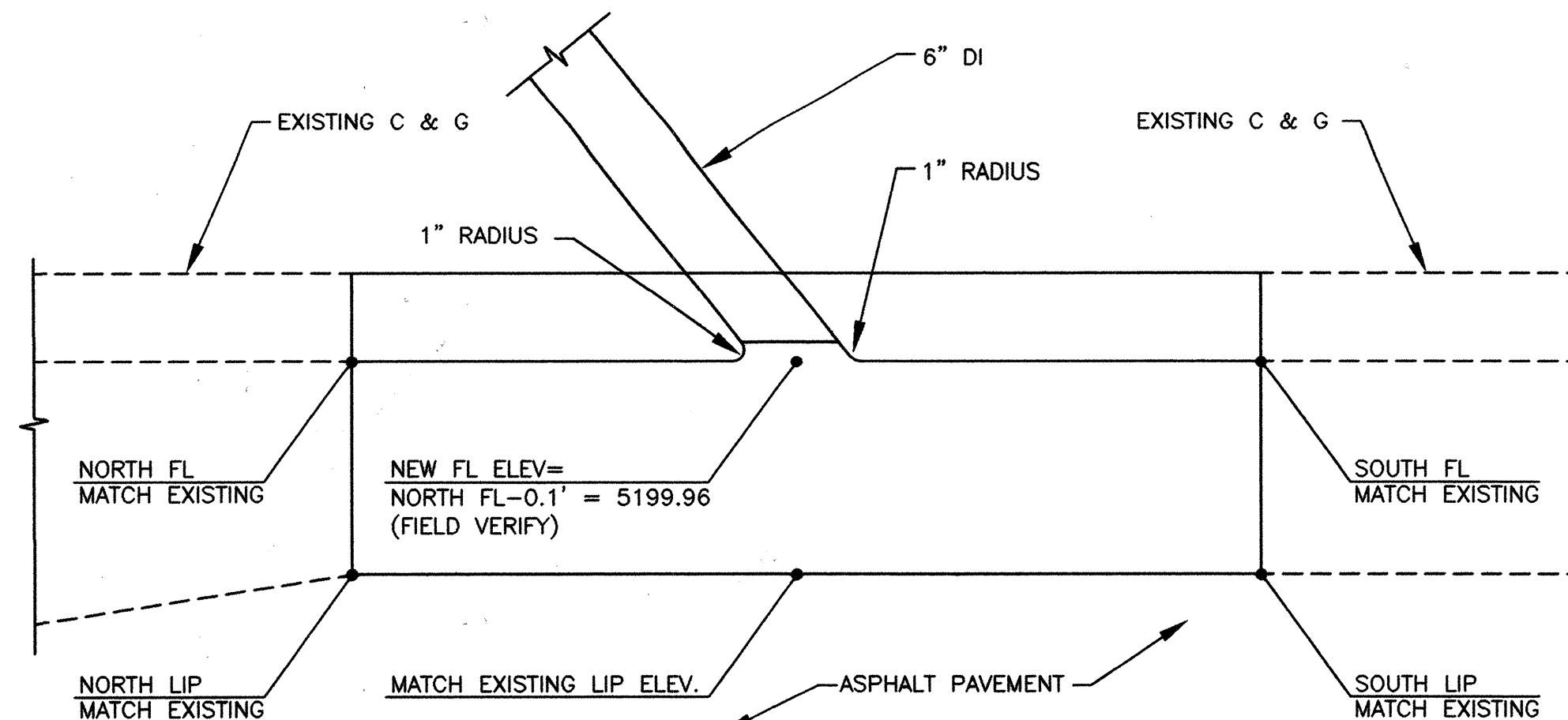
LONGITUDINAL SECTION: RPCC LOW FLOW CROSSING
1"=2'



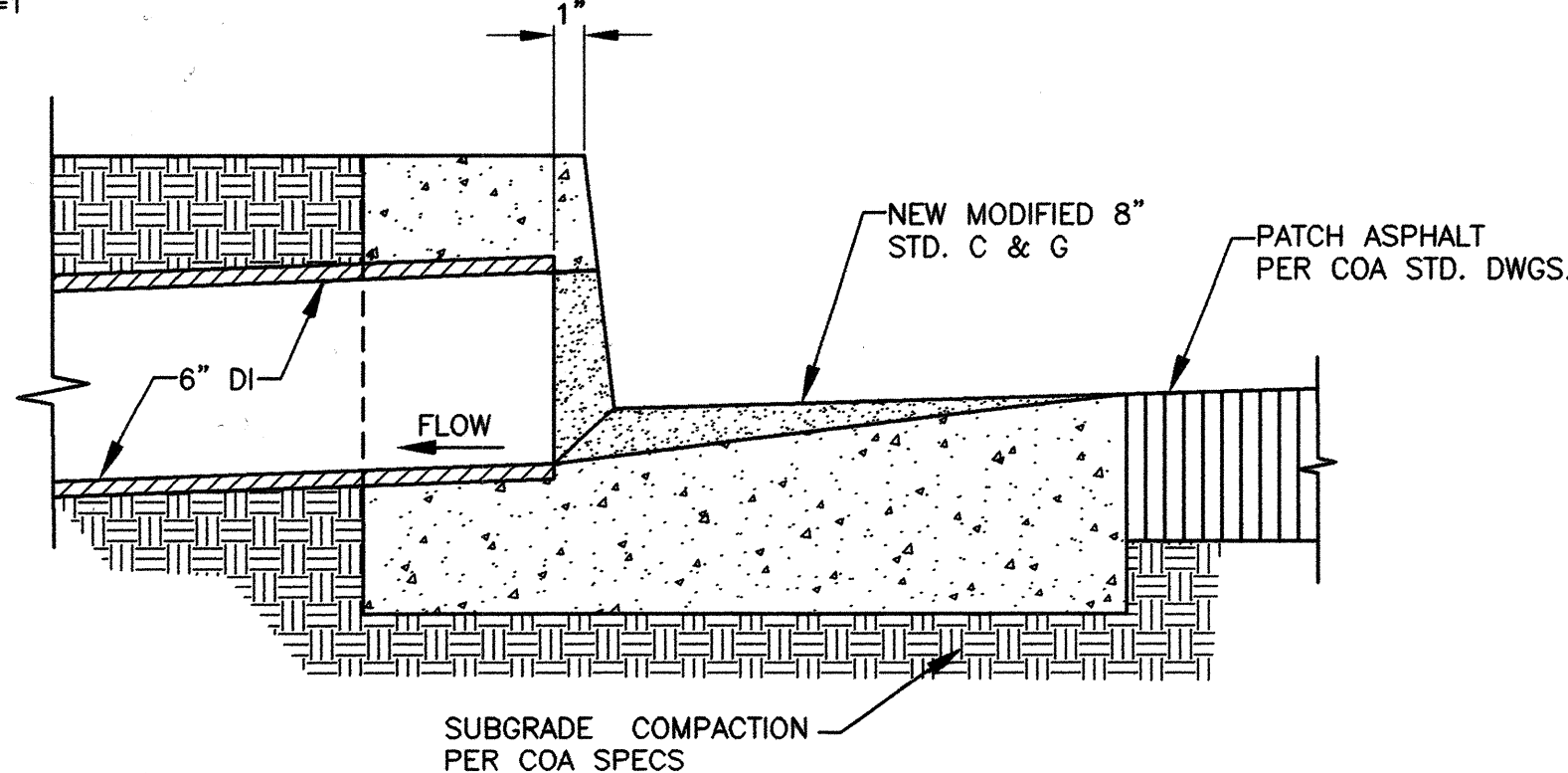
LONGITUDINAL SECTION: 30' RPCC LOW FLOW CROSSING
1"=2'



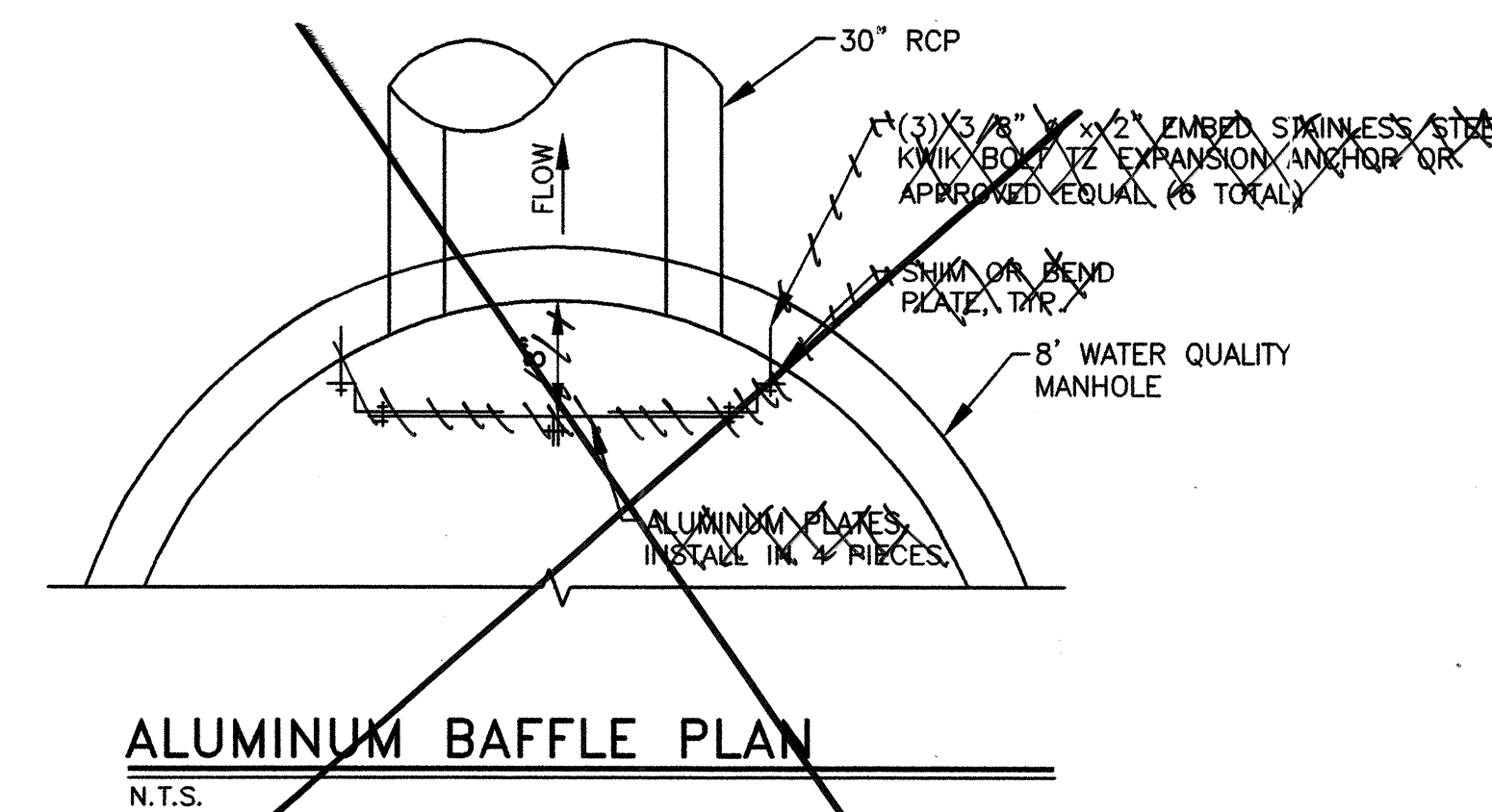
SECTION: PARKWAY WATER QUALITY MANHOLE
N.T.S.



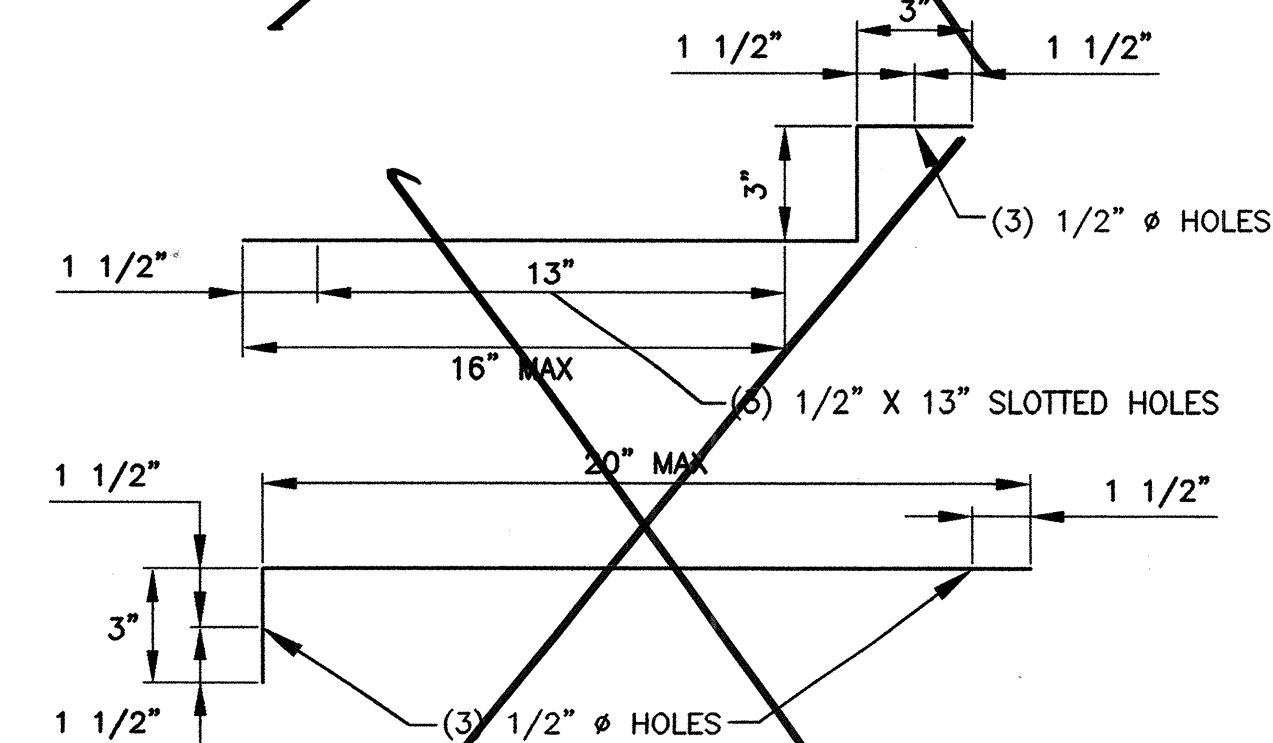
PLAN VIEW: WATER HARVESTING PIPE AT LADERA
1"=1'



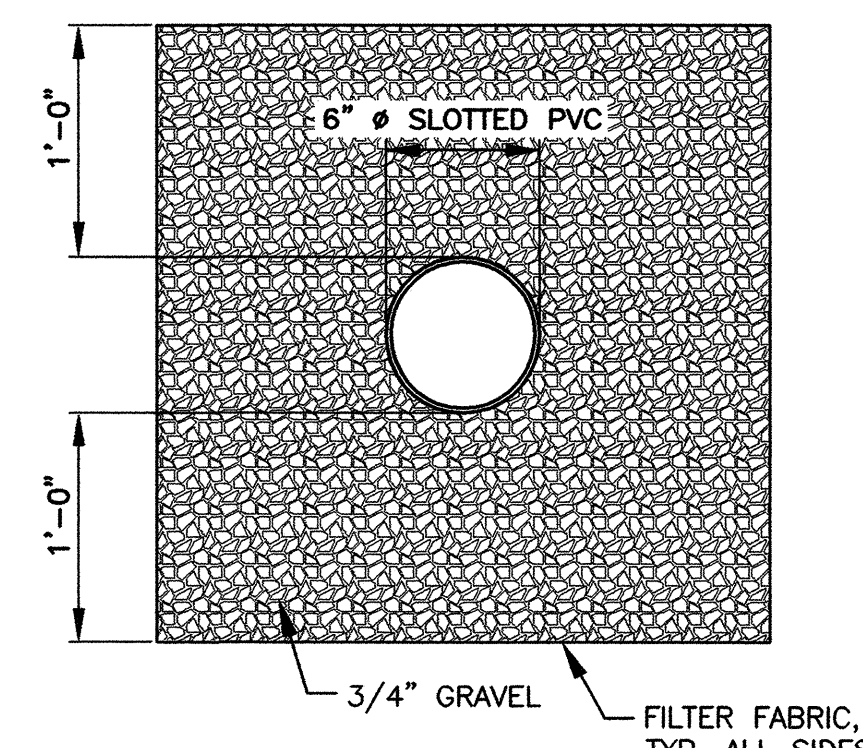
DETAIL: WATER HARVESTING PIPE AT LADERA
1"=6"



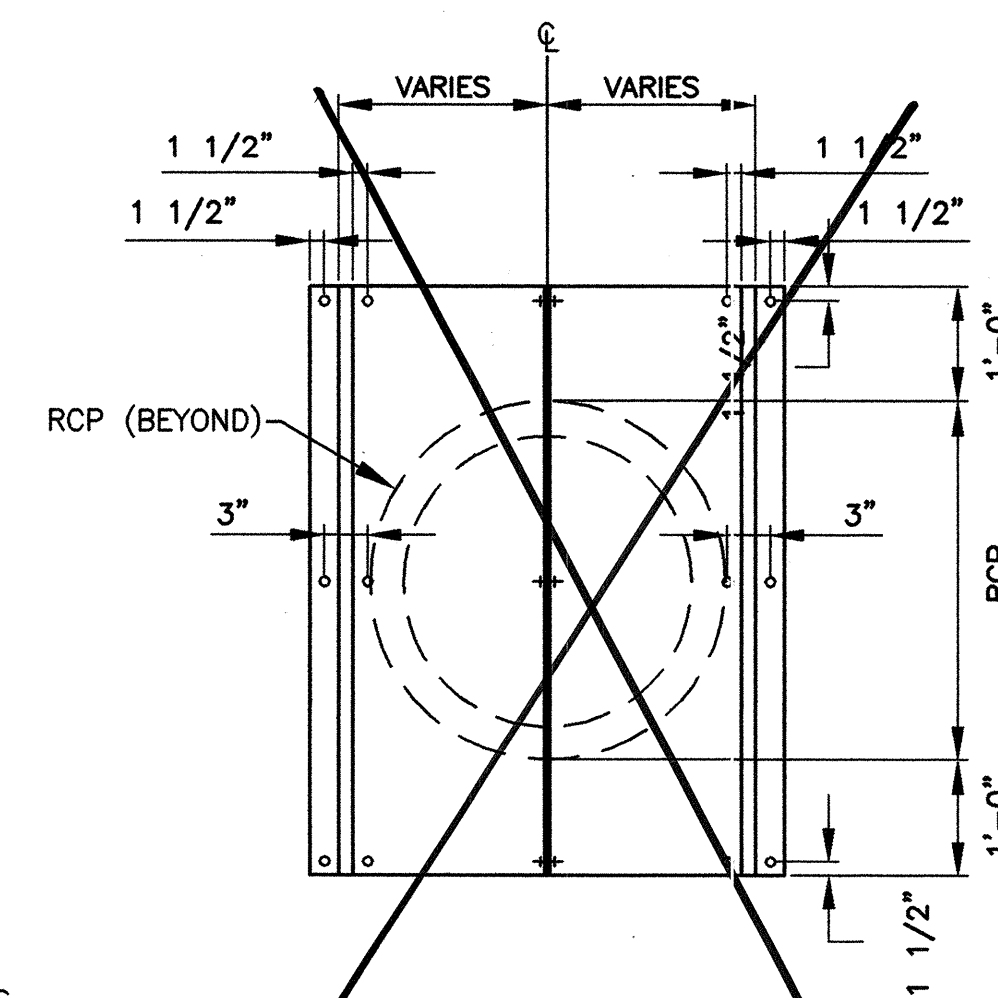
ALUMINUM BAFFLE PLAN
N.T.S.



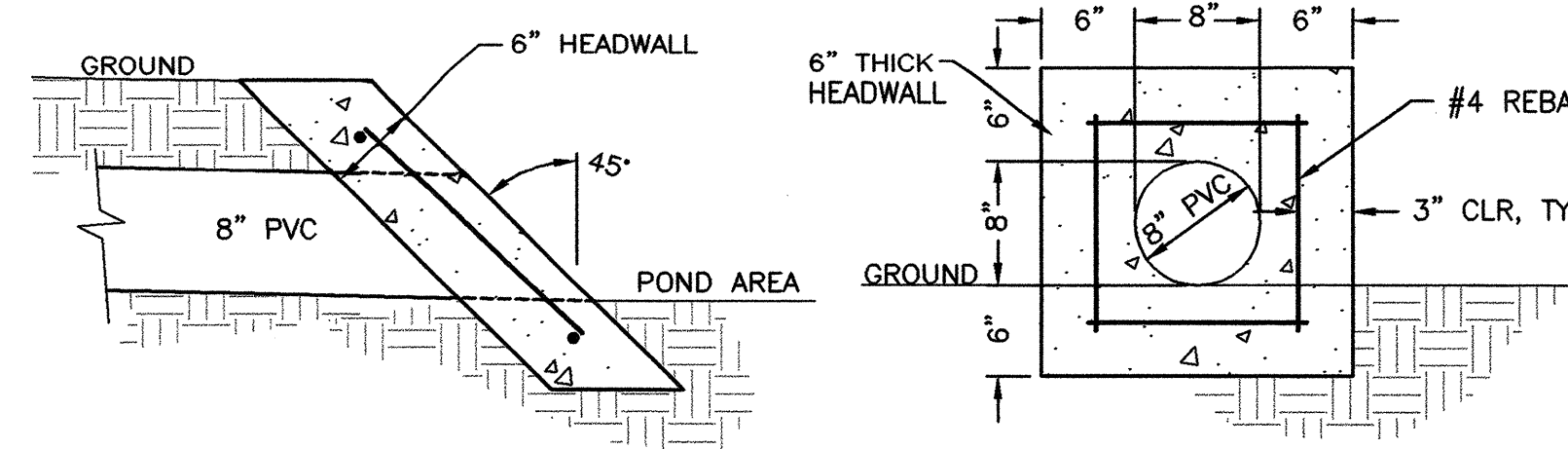
ALUMINUM PLATE BEND DIAGRAM
N.T.S.



SECTION: EXFILTRATION BOX
N.T.S.

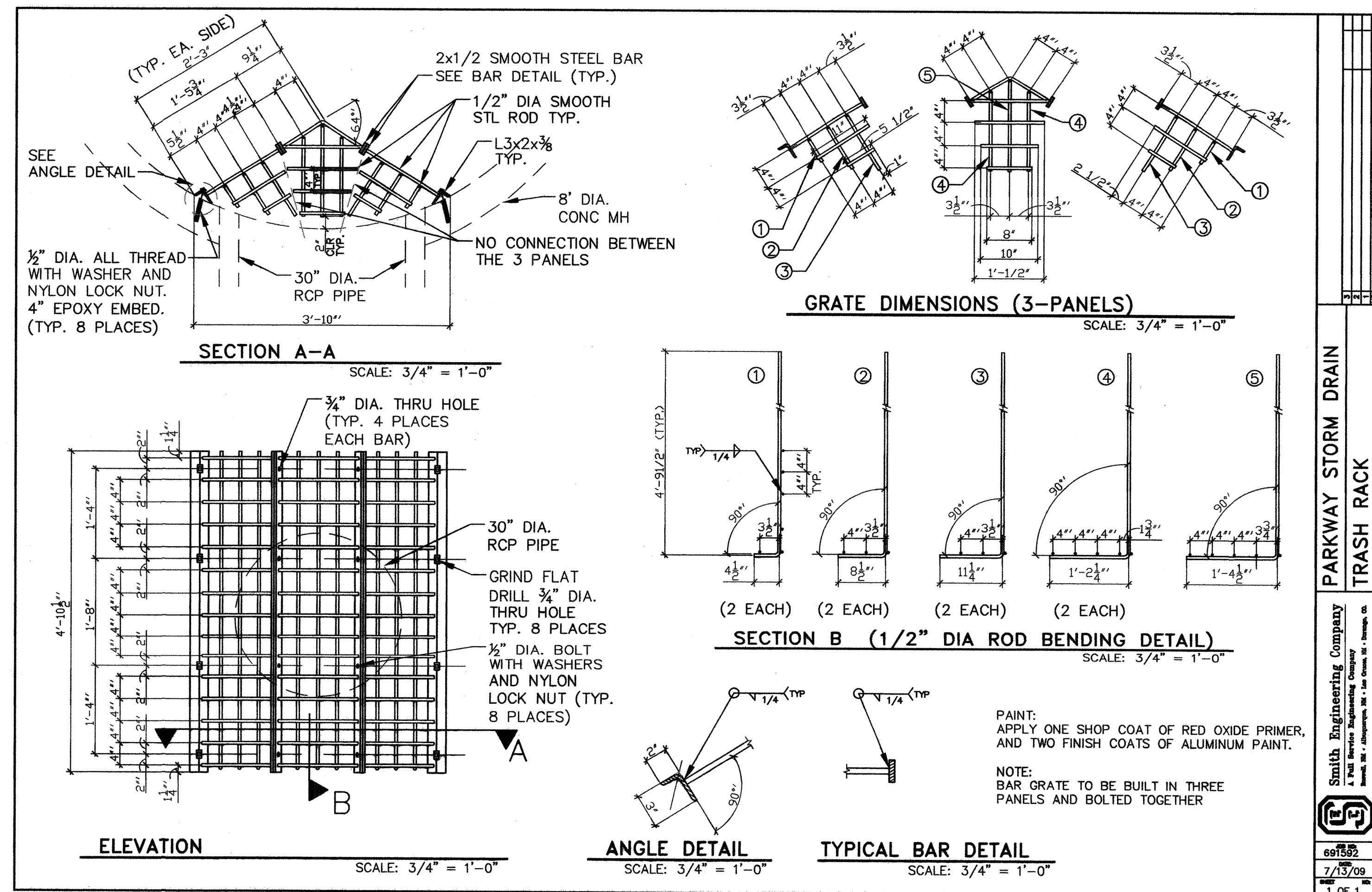
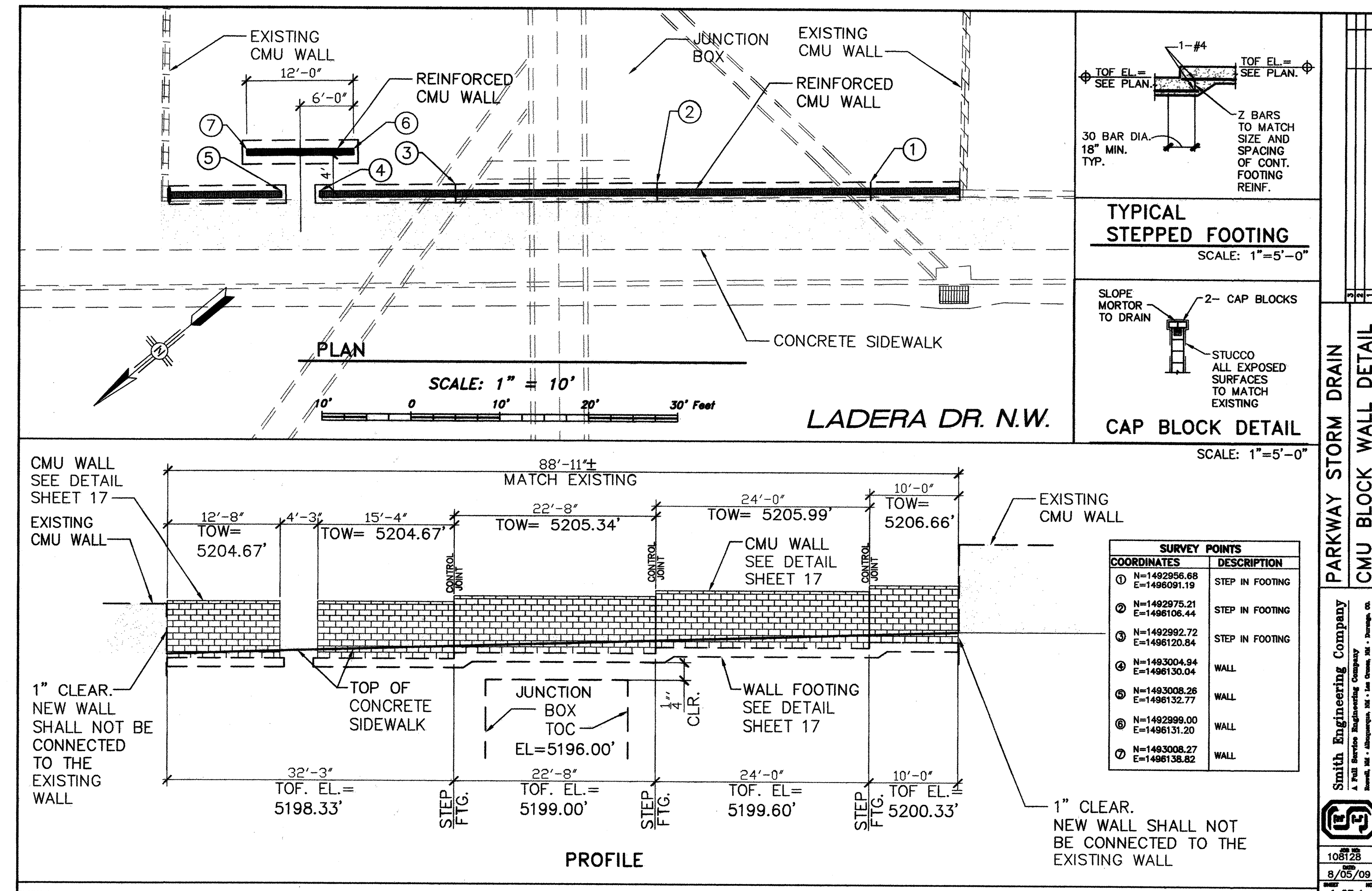


ALUMINUM BAFFLE ELEVATION
N.T.S.



6" CONCRETE HEADWALL SECTION
N.T.S.

SEC JOB # 108128
Smith Engineering Company
A Full Service Engineering Company
2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 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AS BUILT INFORMATION

CONTRACTOR: NMM/J

INSPECTOR'S DATE: 11/08

FIELD TAPE BY: [Signature]

VERIFICATION BY: [Signature]

CHECKED BY: [Signature]

RECORDED BY: [Signature]

NO.:

BENCH MARKS

ACS CONTROL MONUMENT "3-H10" NAD 83. THE ELEVATIONS SHOWN HEREON ARE NAVD 88 AND HAVE BEEN ADJUSTED TO "3-H10" (PUBLISHED ELEVATION = 5196.151').

ENGINEERS SEAL

[Seal]

REVISIONS

NO.	DATE	REMARKS
1	07-08/09	DESIGN
2	07-08/09	DESIGN
3	07-08/09	DESIGN

SMITH ENGINEERING COMPANY

SEC JOB # 108128

691592

7/13/09

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

PARKWAY STORM DRAIN CIVIL DETAILS

Design Review Committee: [Signature]

City Engineer Approval: [Signature]

Project No. 691592

Zone Map No. J-9-Z

Sheet 16A of 17

LITAN	
AUTHORITY	
DRAIN	
MILLS	
No. / Day / Yr.	No. / Day / Yr.
Sheet	Of
17	17