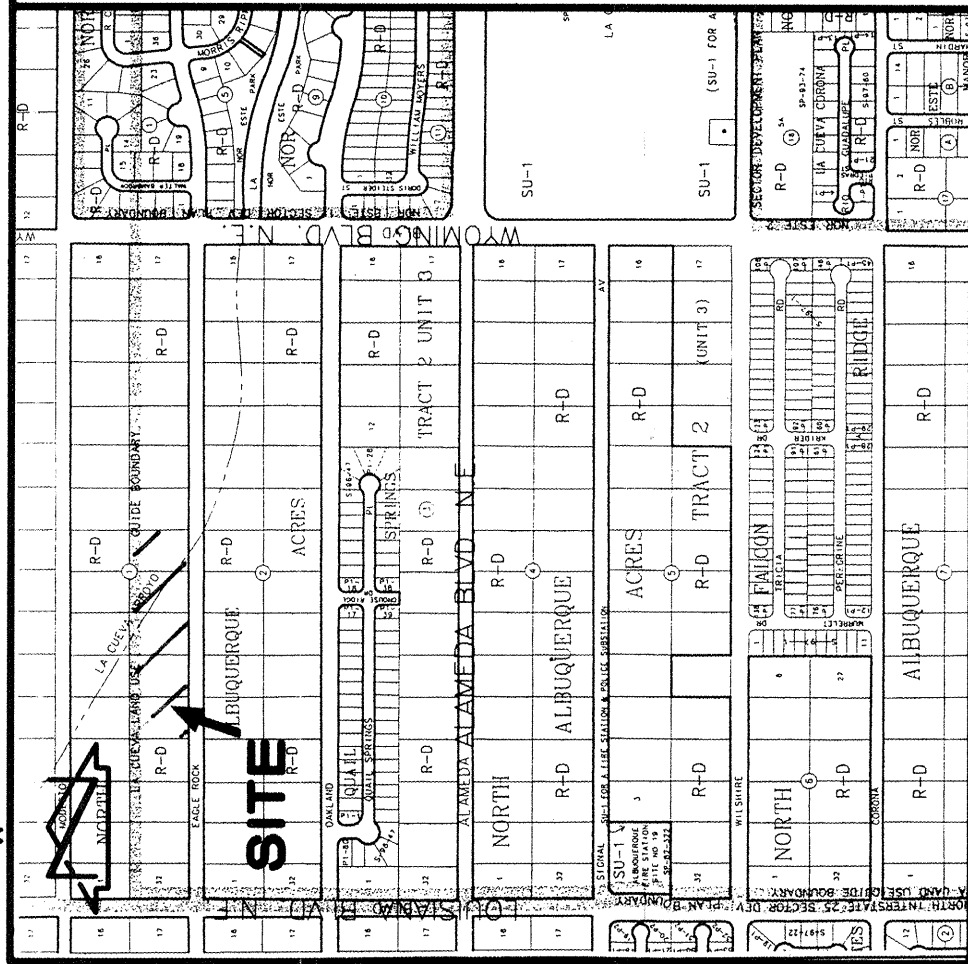


File Path:	E:\DATA\A2014\980656\	Plot Date:	08-30-1999
File Name:	980656CV.DWG	Plot Time:	1:03 pm

SP #99-04-27-13:18-0443



VICINITY MAP C-19
SCALE: 1" = 750'

DEDICATION AND FREE CONSENT

The subdivision hereon is with the free consent and in accordance with the desires of the undersigned owner and does hereby dedicate in fee simple with warranty, the public street rights-of-way and grant the easements as shown, including the rights of ingress and egress and the right to trim interfering trees.

Joseph L. Boyden, Managing Partner
JUAL Co., LLC
ACKNOWLEDGEMENT
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS
This instrument was acknowledged before me on this 27th day of December, 1999, by Joseph L. Boyden, Managing Partner,
JUAL Co., LLC
Notary Public

- Public Utility easements shown on this plat are ten (10) feet wide and are granted for the common and joint use of:
- The P.N.M. Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and facilities reasonably necessary to provide electrical service.
 - The P.N.M. Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
 - U.S. West for the installation, maintenance, and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services including, but not limited to, above ground pedestals and closures.
 - Jones Interable for the installation, maintenance, and service of such lines, cables, and other related equipment and facilities reasonably necessary to provide Cable TV service.
- Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain overhead and underground electrical lines, transformers, and facilities with free access to, from and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed upon, or over, or adjacent to, any easement shown on this plat. Property owners shall be solely responsible for any violations thereof. Property owners shall be solely responsible for correcting any violations of the National Electric Safety Code caused by construction or pools, decking, or any structures adjacent to within or near easements shown on this plat.

SUBDIVISION PLAT OF
VISTA DEL AGUILA
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1999

DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Lots 24-28, inclusive, Block 1, Tract 2, Unit 3, North Albuquerque Acres, as shown and designated on the plat of Tract 2, Unit 3, North Albuquerque Acres filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 10, 1931, Book D1, Page 20, and being more particularly described as follows:

Beginning at the northeast corner of the parcel herein described, being the northeast corner of said Lot 24, and also being common with property corners of said Lot 24, thence S 0°11'56" W a distance of 264.01 feet to the projected southeast corner of said Lot 24, also being a point on the centerline of Eagle Rock Avenue N.E.; thence N 89°36'17" W a distance of 824.62 feet along said centerline to the projected southwest corner of said Lot 28; thence N 0°13'34" E a distance of 263.88 feet to the northwest corner of the parcel herein described, also being the northeast corner of said Lot 28, and also being common with property corners of said Lot 28, thence S 89°36'50" E a distance of 824.50 feet to the point of beginning and containing 4.9963 acres more or less.

Notes:

- A boundary survey was performed in February, 1999. Property corners were found or set as indicated.
- All distances are ground distances.
- Site located within Projected Section 18, Township 11 North, Range 4 East, N.M.P.M. (Elena Gallegos Grant).
- Bearings shown hereon are based upon the north property line of the unrecorded ALTA/ACSM Land Title Survey prepared by Timothy Aldrich NMPS 7719 dated 10-05-1998. To achieve New Mexico State Plane Grid Bearings, rotate plat bearings counterclockwise 0°00'25".
- Record bearings and distances are shown in parenthesis.
- Public street mileage created by this plat = 0.21 miles (full-width) and 0.16 miles (half-width).
- Upon completion of the construction of the streets, City of Albuquerque approved centerline monuments shall be placed at all intersections or as indicated on the plat of said subdivision. Back corner monumentation. Location of said monuments are designated with a @ symbol.

The purpose of this plat is to:

- Create 37 (thirty-seven) residential lots and 1 (one) temporary public drainage easement tract from Lots 24, 25, 26, 27 & 28, Block 1, Tract 2, Unit 3, North Albuquerque Acres.
 - Eliminate the interior property lines between former Lots 24-28.
 - Dedicate in fee simple with warranty covenants the necessary public street rights-of-way and grant the necessary easements as shown.
- Prior to development, City of Albuquerque Water and Sanitary Sewer Service to Lots 1-P1 through 6-P1, 10-P1 through 40-P1 and Tract A (Future Lots 7-P1 through 40-P1) to the City of Albuquerque must be verified and coordinated with the City of Albuquerque, City of Albuquerque, via a request for a water and sewer connection agreement.
- The following monuments and instruments were used for the performance and preparation of this survey:
 - Plat of Tract 2, Unit 3, North Albuquerque Acres, filed 09-10-1931, Book D1, Page 20, Records of Bernalillo County, New Mexico.
 - Plat of Eagle Rock Estates, Unit II, filed 06-29-1998, Book 98C, Page 175, Records of Bernalillo County, New Mexico.
 - Future Plat of Eagle Rock Estates, Unit I, prepared by Timothy Aldrich PS 7719, dated 08-06-1997.
 - ALTA/ACSM Land Title Survey of Lots 24 thru 28, Block 1, Tract 2, Unit 3, North Albuquerque Acres, prepared by Timothy Aldrich PS 7719, dated 10-05-1998 (unrecorded).
 - Policy of Title Insurance No. 92585 prepared by Fidelity National Title Insurance Company dated March 23, 1999. Also, amendment to policy by endorsement dated June 10, 1999.
 - Warranty Deed filed May 11, 1999, Book 9907, Page 2706, Doc. # 999062857.

RECORD DRAWING

JUAL Co., LLC
OWNER
PROJECTED SEC. 18, T. 11 N. R. 4 E.
N.M.P.M. (ELENA GALLEGOS GRANT)
LOCATION
VISTA DEL AGUILA
SUBDIVISION

2000010479

02/1/2000 Bk 2000C - Pg. 35

COUNTY CLERK FILING DATA

APPROVALS:

DRB CASE NO. 99-53

Project # 1000159

PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO
1/31/00
DATE
UTILITY DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO
1-20-00
DATE
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
1-2-9-00
DATE

CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
1-2-9-00
DATE
A.M.A.F.C.A.
1-2-9-00
DATE
TRANSPORTATION DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO
1-19-00
DATE

PARKS DESIGN & DEVELOPMENT, C.D.P. CITY OF ALBUQUERQUE, NEW MEXICO
1-24-00
DATE
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
12-30-99
DATE

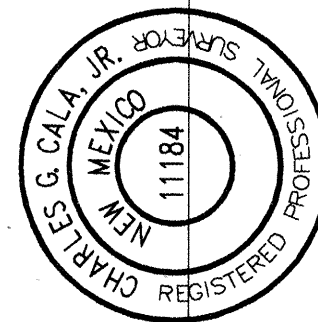
P.N.M. ELECTRIC SERVICES
1-25-00
DATE
U.S. WEST COMMUNICATIONS
01-25-00
DATE
P.N.M. GAS SERVICES
1-25-00
DATE

JONES INTERABLE
1-25-00
DATE

In approving this plat PNM Electric Services and Gas Services (P.N.M.) have conducted a search of the records of the State of New Mexico and find that the survey meets the minimum standards for surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

SURVEYORS CERTIFICATION

I, Charles G. Coda, Jr., a registered Professional Surveyor under the laws of the State of New Mexico do hereby certify that I conducted and am responsible for this plat that the survey shows the true and correct location of the property corners, lines, and areas, and that the survey meets the minimum standards for surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

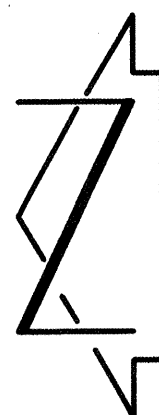


Charles G. Coda, Jr., NMPS 11184
Date 12-27-1999

JEFF MORTENSEN & ASSOCIATES, INC.
6000-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NM 87109
ENGINEERS SURVEYORS GSD 345-4250
JOB #980854 B

SCANNED BY
MESA REPRO

SP #99-04-27-13:18-0443



SCALE: 1" = 50'

SUBDIVISION PLAT OF

VISTA DEL AGUILA

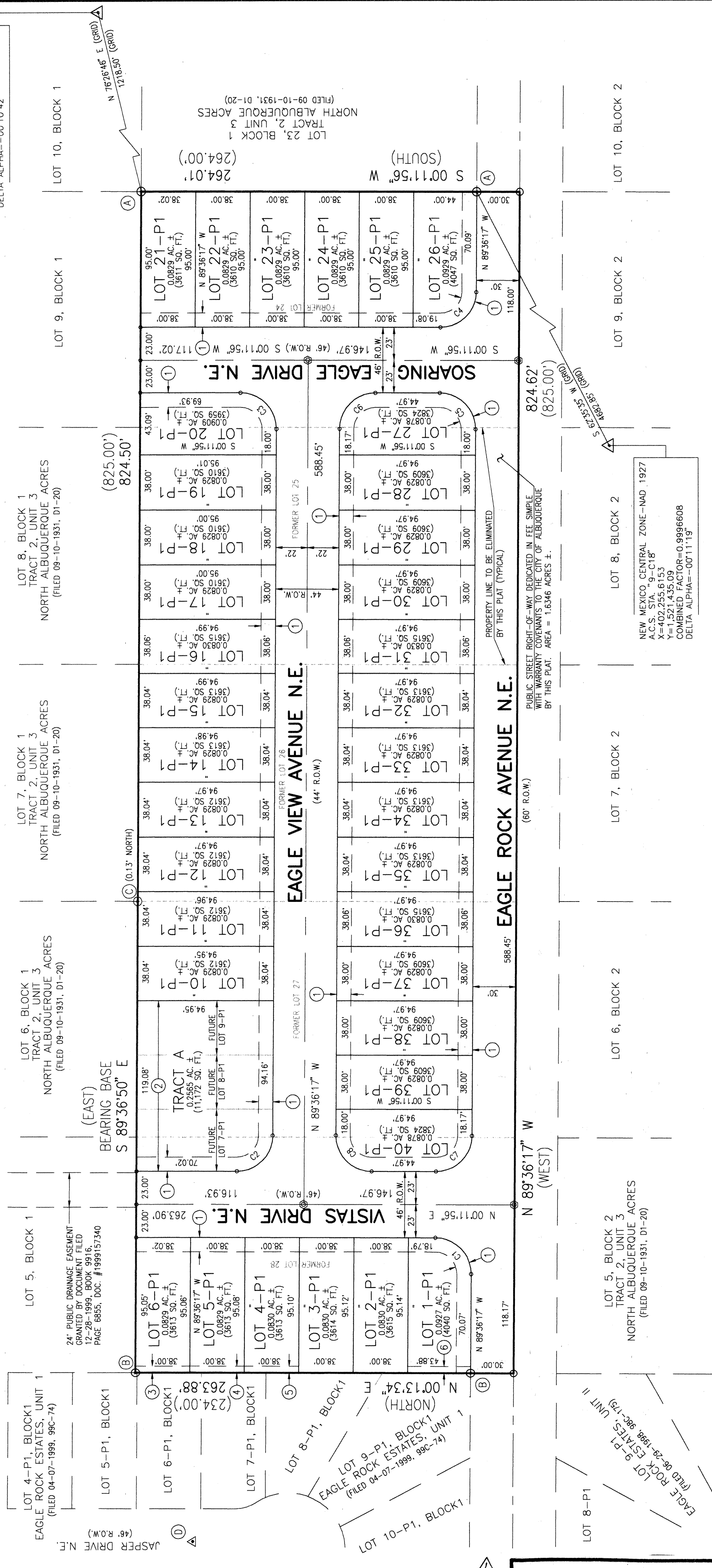
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1999

2000010479

02/01/2000 BK 2000C - Pg. 35

COUNTY CLERK FILING DATA

NEW MEXICO, CENTRAL ZONE-NAD 1927
A.C.S. STA. "1-B19"
X=407,598.16
Y=1,524,110.18
COMBINED FACTOR=0.99965183
DELTA ALPHA=-00°10'42"



KEYED NOTES

- [illegible]

BOUNDARY TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	25.00'	39.36'	35.42'	S 44°17'30" W	90°11'47"
C2	25.00'	39.36'	35.29'	N 44°42'10" W	89°48'13"
C3	25.00'	39.36'	35.42'	S 44°17'30" W	90°11'47"
C4	25.00'	39.36'	35.29'	N 44°42'10" W	89°48'13"
C5	25.00'	39.36'	35.42'	S 44°17'30" W	90°11'47"
C6	25.00'	39.36'	35.29'	S 44°12'10" E	89°48'13"
C7	25.00'	39.36'	35.29'	N 44°42'10" W	89°48'13"
C8	25.00'	39.36'	35.42'	N 44°17'30" E	90°11'47"

WASH

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. NE.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
 JOB #980654 B

RECORD DRAWING

990043

C.O.A. PROJECT NO. 622581 SHEET 3 OF 17

STORM DRAIN TABLE					
LEG	DIA. (IN.)	LENGTH (FT)	SLOPE	Q _{CAP} (CFS)	Q _{REQUIRED} (CFS)
(A)	24	14	0.0200	32.0	25.8
(B)	24	24	0.0200	32.0	25.8
(C)	18	50	0.0480	23.0	18.8
(D)	18	95	0.0305	18.3	9.4
(E)	18	26	0.0100	10.5	4.4
(F)	30	125	0.0050	29.0	18.4
(G)	18	61	0.0316	18.7	14.2
(H)	18	26	0.0200	14.9	7.1
(J)	18	40	0.0313	18.6	4.7
(U)	18	40	0.0200	14.9	4.7

TOP OF CONCRETE	WC	WELL CASING
EDGE OF ASPHALT	WT	WATER TANK AIR BLEED VALVE
TOP OF CURB	TF	TOP OF FOOTING
FLOWLINE	TW	TOP OF WALL
TOP OF ASPHALT	SW	SIDEWALK
WOOD POWER POLE	SW	TOP OF WALL
CONCRETE	C.O.A.	CITY OF ALBUQUERQUE
WOOD SERVICE POLE	O/H E (4)	OVERHEAD ELECTRIC (# OF LINES)
STANDARD CURB & GUTTER	O/H C (1)	OVERHEAD COMMUNICATIONS (# OF LINES)
DASHED YELLOW STRIPE	W/	WITH
SOLID WHITE STRIPE	Ø 8"	DIAMETER OF TREE
ELECTRIC	⊙	PROPERTY CORNER
GAS	⊙	MANHOLE
COMMUNICATIONS	⊙	POWER POLE/SERVICE POLE
DIAMETER	⊙	MAILBOX
INVERT	⊙	ELECTRIC METER
MANHOLE	⊙	TELEPHONE RISER
TELEPHONE RISER	⊙	WATER FAUCET
SANITARY SEWER	⊙	WELL CASING
TRAFFIC SIGN	⊙	
MAILBOX	⊙	
WIRE FENCE	⊙	
ELECTRIC METER	⊙	
WATER FAUCET	⊙	

- CHAINLINK FENCE
- ELECTRIC METER
- WATER FAUCET
- CHAINLINK FENCE
- TRAFFIC SIGN
- CHAIN LINK FENCE
- WIRE FENCE
- OVERHEAD ELECTRIC LINE
- CONTOUR LINE
- FLOWLINE
- LOT LINE
- ADJOINER LINE
- PROPERTY LINE
- ELEVATION
- DECIDUOUS TREE
- SHRUB
- SMALL SHRUB

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED CONCRETE
	STORM DRAIN REFERENCE (SEE TABLE, THIS SHEET)
	STORM ANALYSIS POINT (SEE CALCULATIONS, SHEET G-4)
	BASIN BOUNDARY
	PROPOSED CONTOUR
	PROPOSED SPOT ELEVATION
	DIRECTION OF FLOW
	SCOUR WALL
	RETAINING WALL
	BOTTOM OF SCOUR WALL
	HIGH POINT

ACS STANDARD BRASS CAP STAMPED "1-B20", SET IN TOP
OF A CONCRETE POST PROJECTING 0.3' ABOVE GROUND
LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION
OF MODESTO AVENUE N.E. AND BARSTOW STREET N.E.
ELEVATION = 5474.533 FEET (S.L.D. 1929)

Z O N E A

NO.	DATE	BY	REVISIONS	JOB NO.
△	07/99	G.M.	REVISE SIGNOFF BLOCK, REVISE CURB ELEVATIONS, MOVE SCOUR WALL ONTO SITE. RELOCATE DETENTION POND	980655
				DATE 06-1999
				SHEET 4 OF 8

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

Q734. 11/09/01/0014 DATE

GRADING PLAN

VISTA DEL AGUILA

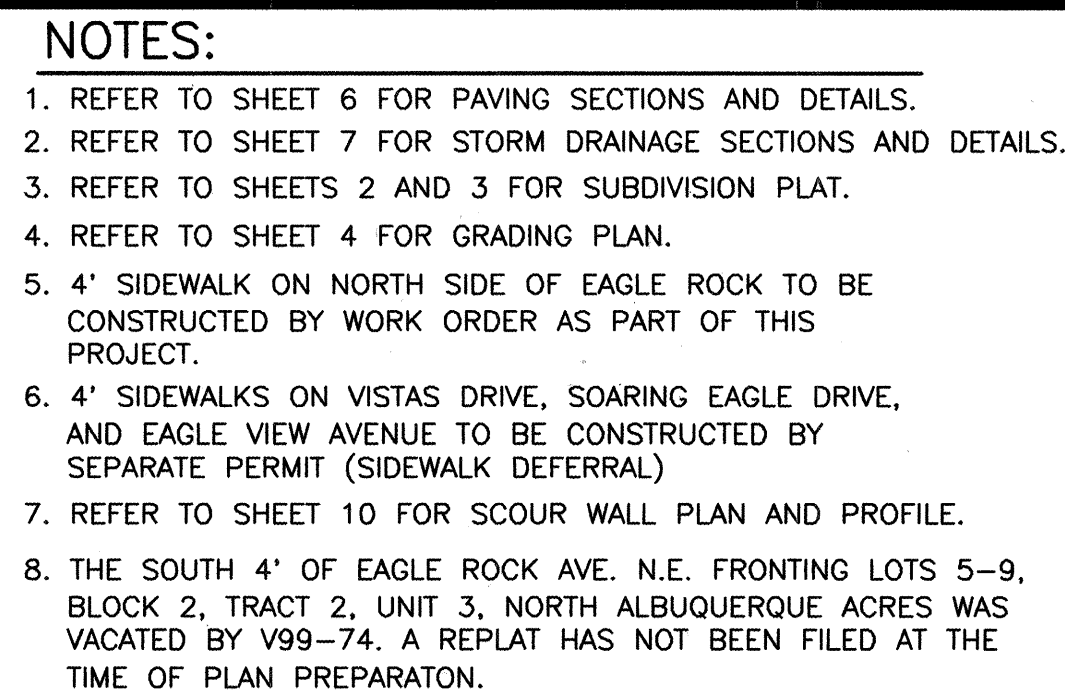
OWNER, LOTS 7 & 8, BLOCK 1, TRACT

CURVED LOT 23 BLOCK 4 TRACT 2

APPROVED BY J.G.M.

SHEET 1 OF 1

[illegible]



LEGEND

- | | |
|---|--|
|  | NEW PERMANENT PAVEMENT |
|  | NEW TEMPORARY PAVEMENT |
|  | NEW CONCRETE BY CITY WORK ORDER |
|  | NEW STREET CENTERLINE MONUMENT |
|  | NEW STREET LIGHT (N.J.C.) |
|  | NEW STORM INLET |
|  | NEW STORM DRAIN
(SIZE AS INDICATED) |
|  | FUTURE CONSTRUCTION (N.J.C.) |
|  | NEW STORM DRAIN MANHOLE |
|  | NEW SCOUR WALL |
|  | NEW TYPE III BARRICADE |

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen Date _____
NMPE No. 8545

- FOR AS-BUILT INFORMATION THIS AREA, SEE DETAIL BELOW.



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:

VISTA DEL AGUILA PAVING AND STORM DRAINAGE SITE PLAN

Design Review Committee

APPROVED

DEC 20 1999

**DESIGN
REVIEW COMMITTEE**

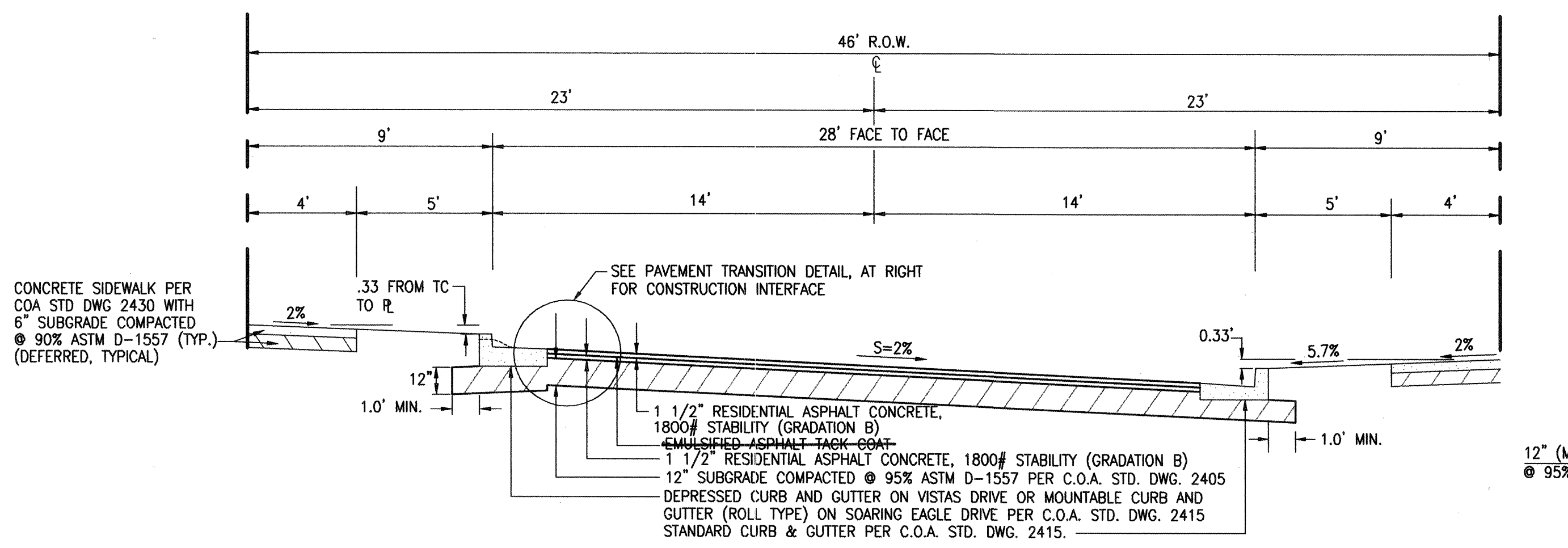
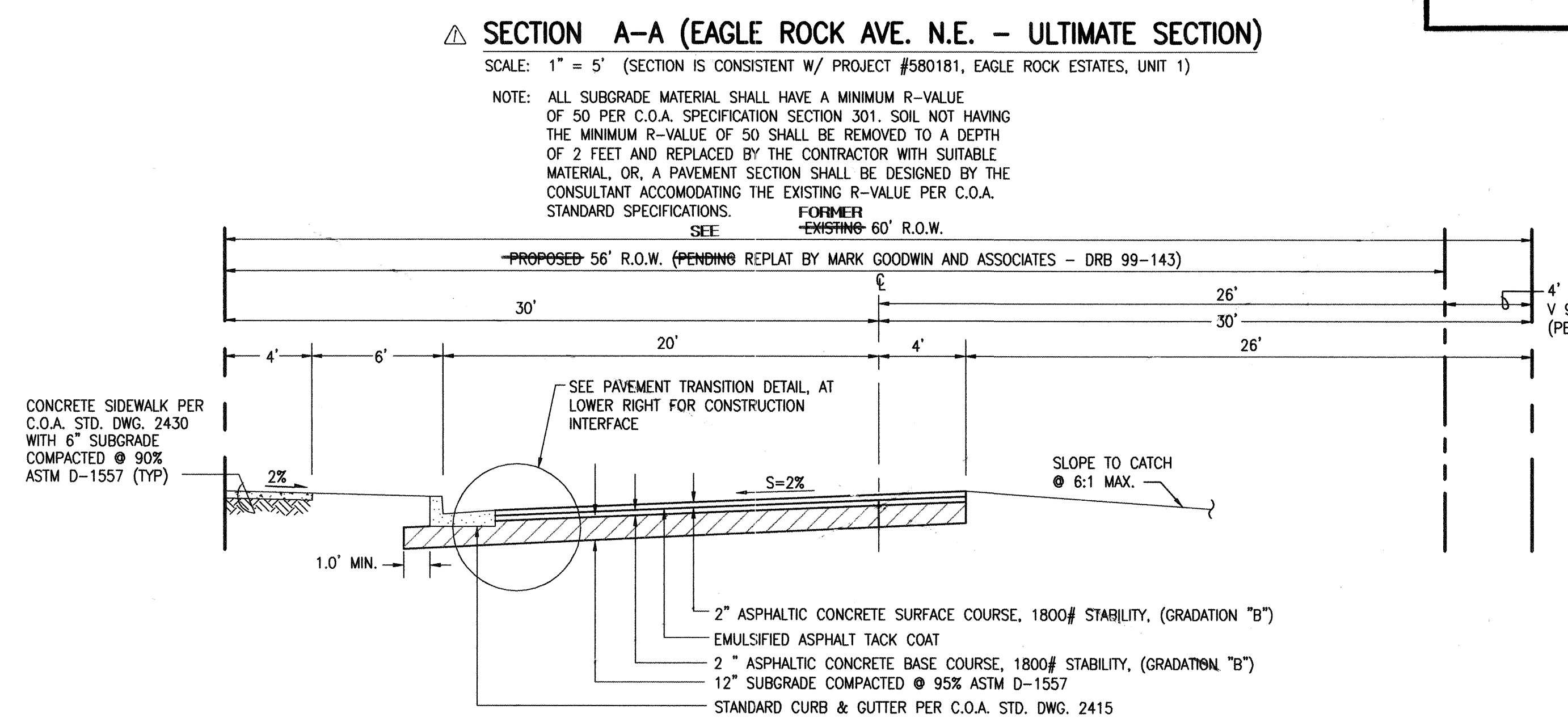
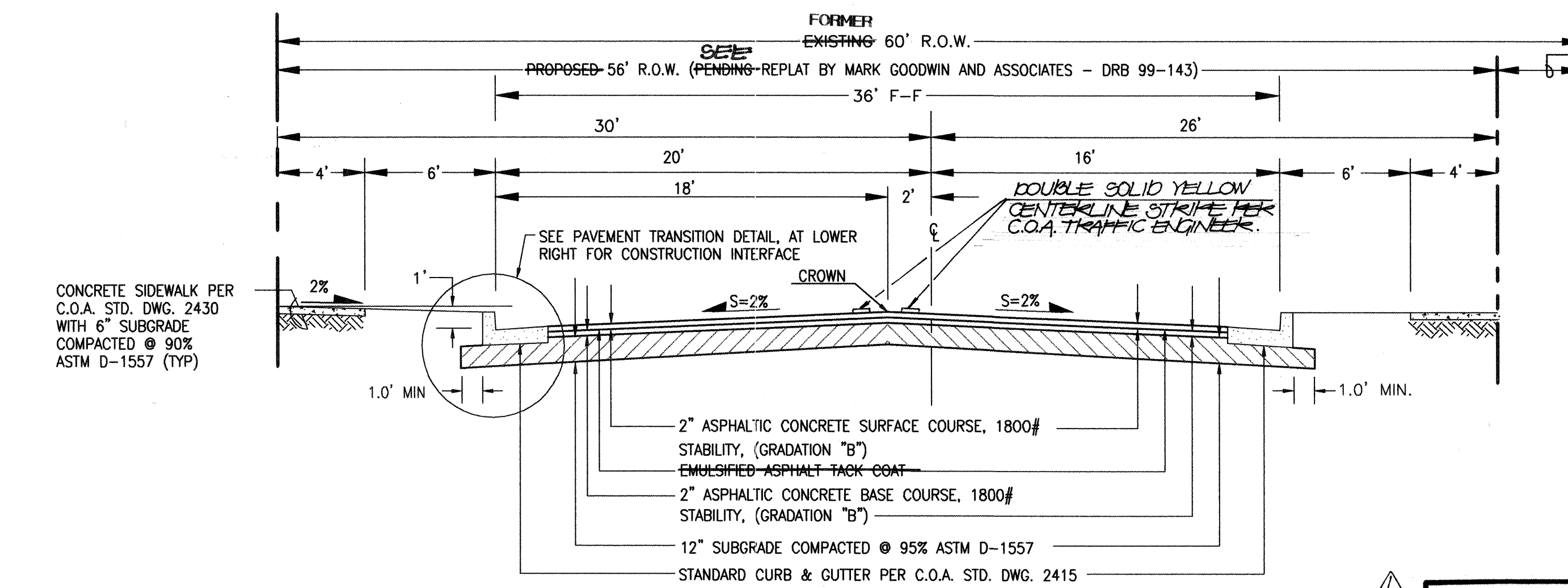
City Engineer Approval

APPROVED

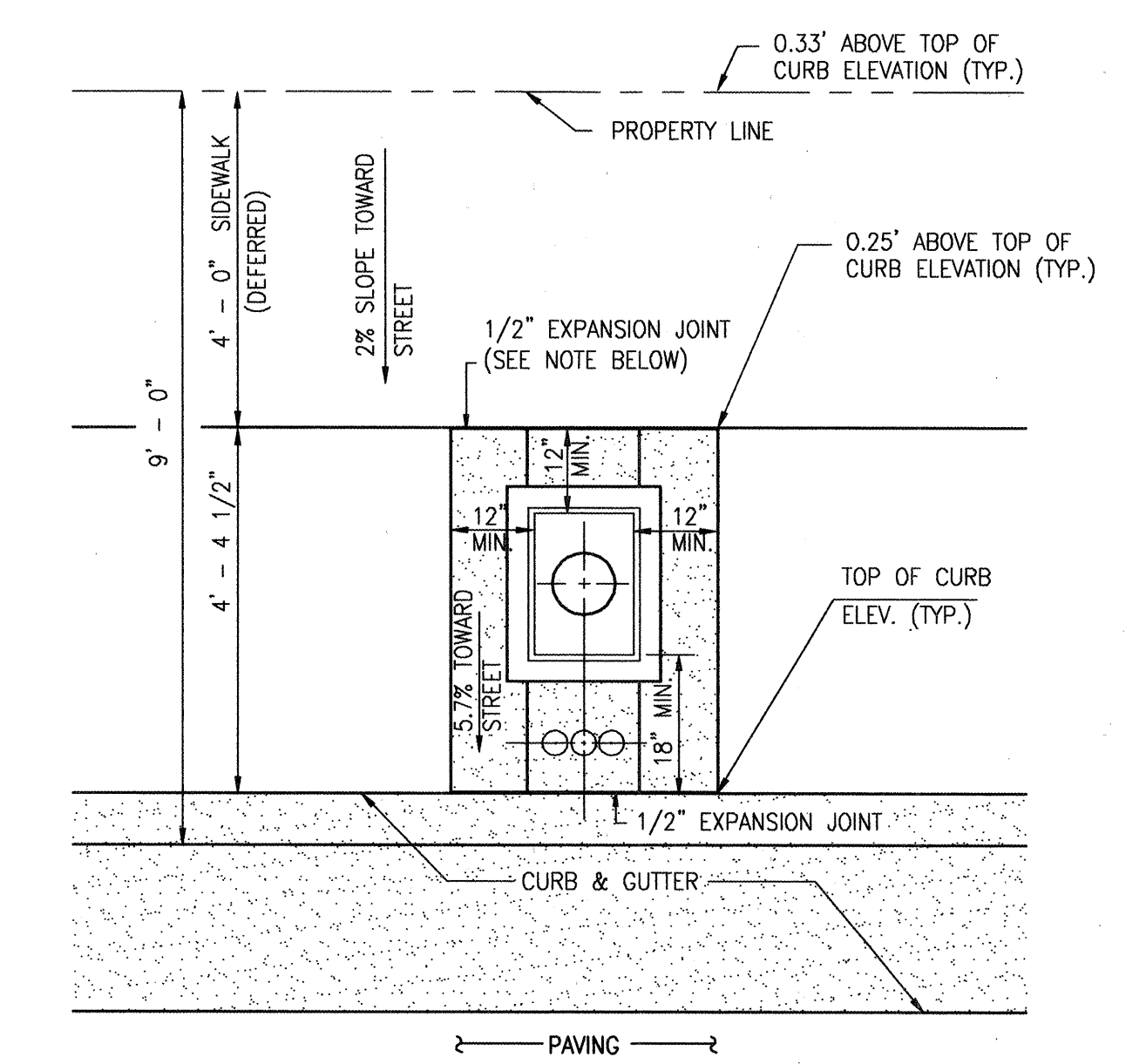
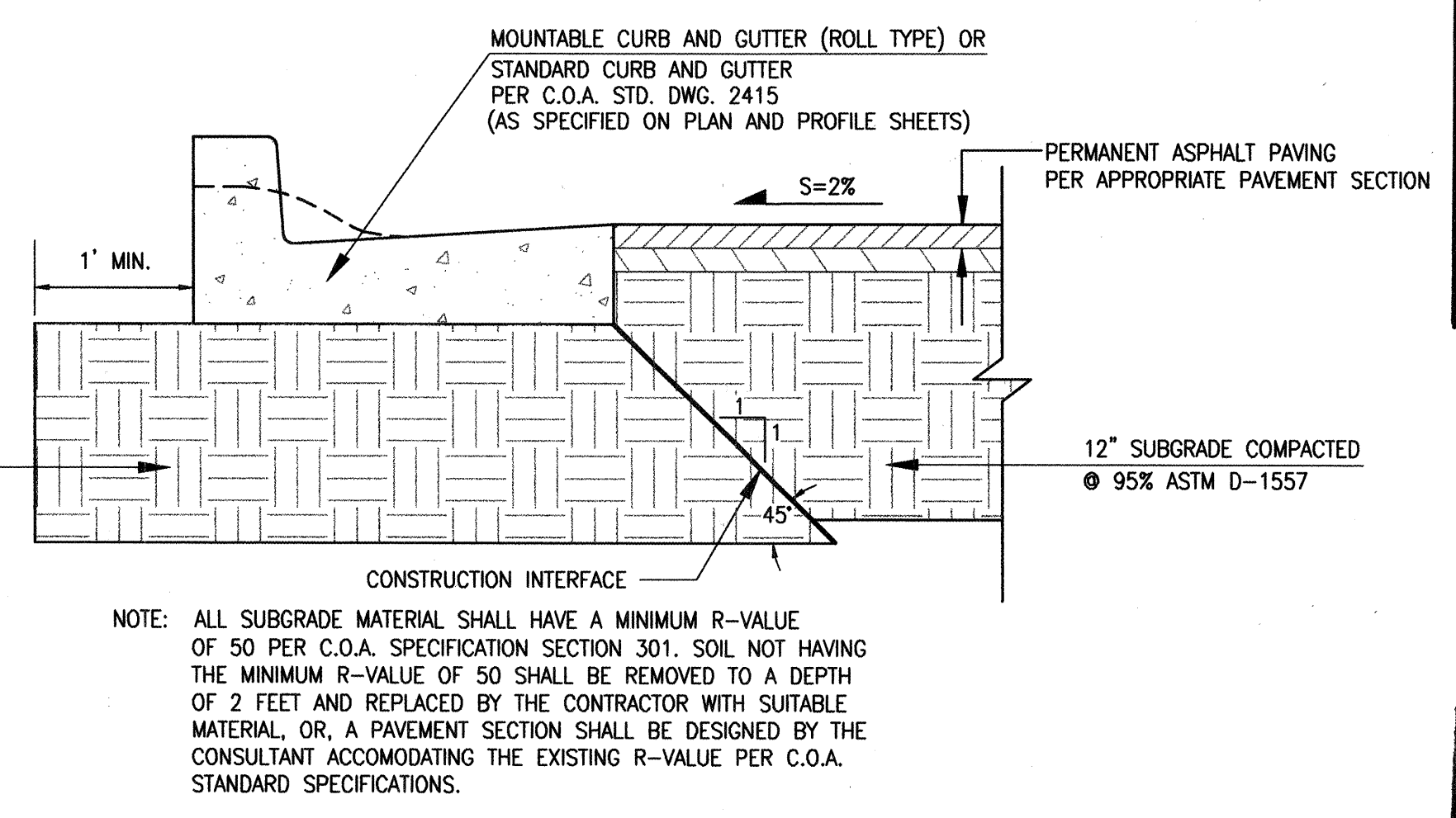
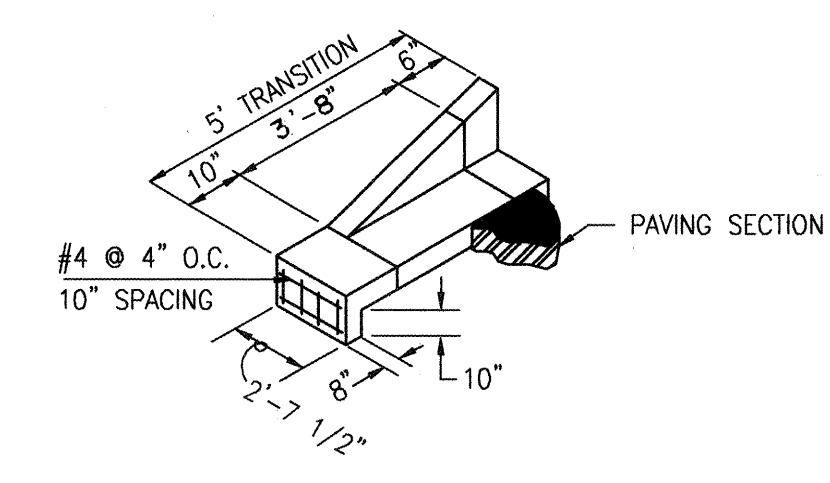
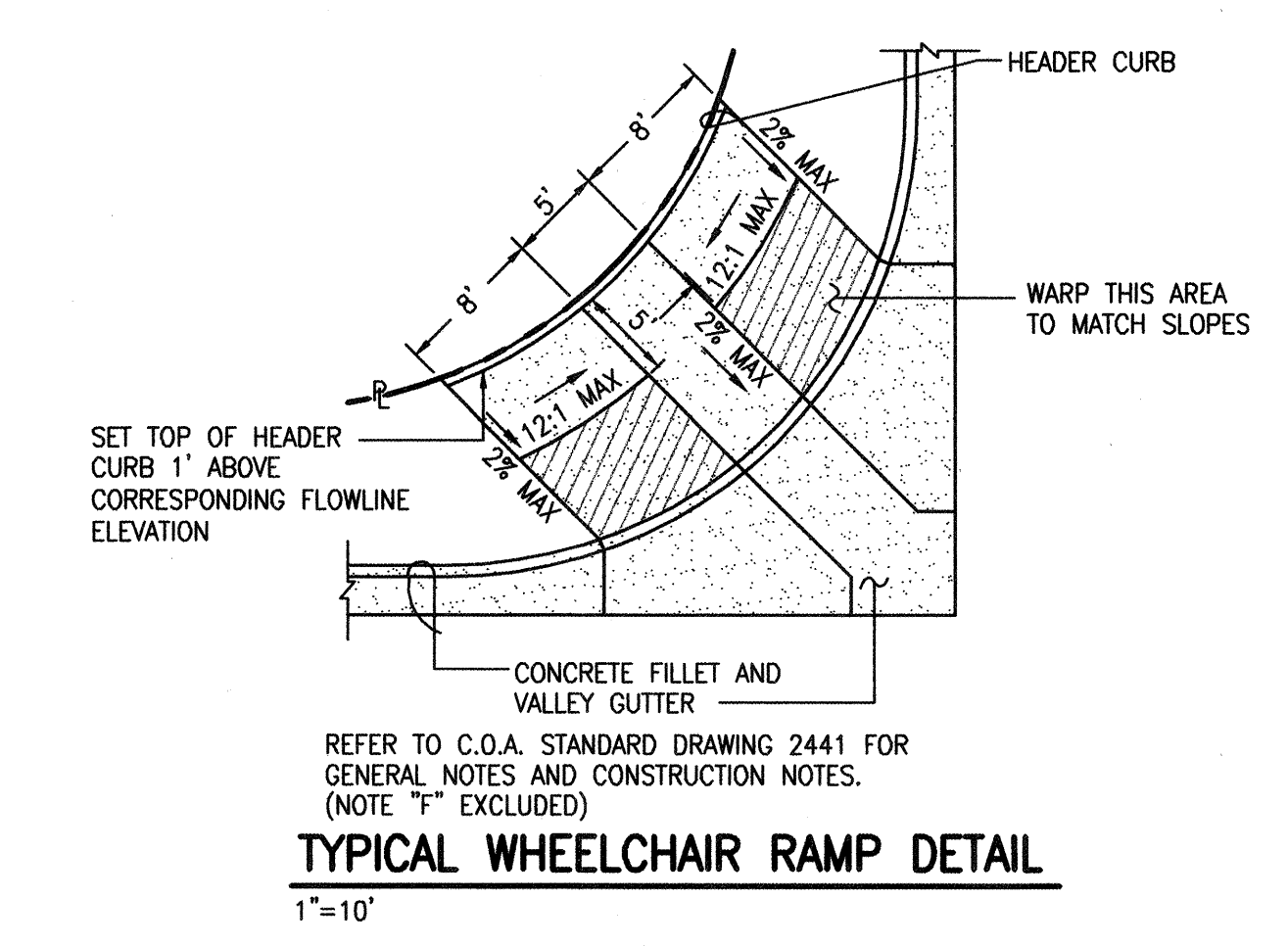
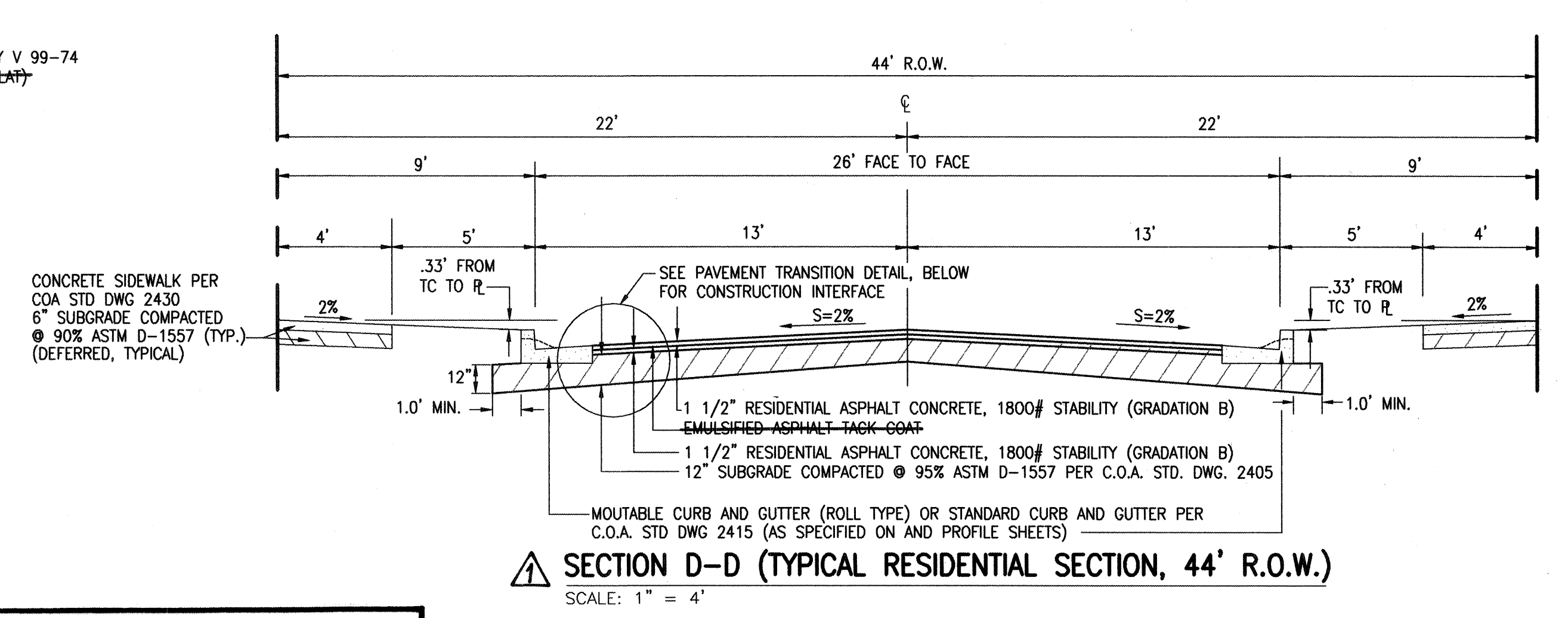
JUN 5 2000

CITY ENGINEER

City Project No.	Zone Map No.	Sheet	Of
622581	C-19	5	17



RECORD DRAWING



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPR No. 8547
Professional Engineer

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: VISTA DEL AGUILA PAVING AND STORM DRAINAGE IMPROVEMENTS PAVING SECTIONS AND DETAILS	
APPROVED DESIGN REVIEW COMMITTEE DEC 20 1999	CITY ENGINEER JGM - 5 2000
City Project No. 622581	Zone Map No. C-19
Sheet 6	Of 17

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	PROJECT BENCHMARK	DATE	NO.	BY	NO.	BY
CCM	01/00	ACS STANDARD BRASS CAP STAMPED "1-B20", SET IN TOP OF A CONCRETE POST PROJECTING 0.3' ABOVE GROUND LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF MODESTO AVENUE N.E. AND BARSTOW STREET N.E. ELEVATION = 5474.533 FEET (S.I.D. 1929)	01/00	980652	JMA	8547	JGM
INSURANCE	DATE	FIELD VERIFICATION BY	DATE				
M.B.G./J.M.A.	04/00	M.B.G./J.M.A.	04/00				
CORRECTED BY	DATE	RECORDED BY	DATE				
J.M.A.	04/00						

①	TC	FL
1	30.97	30.30
2	-	30.10
3	30.29	29.62

②	TC	FL
1	31.97	31.30
2	-	31.35
3	32.23	31.56

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

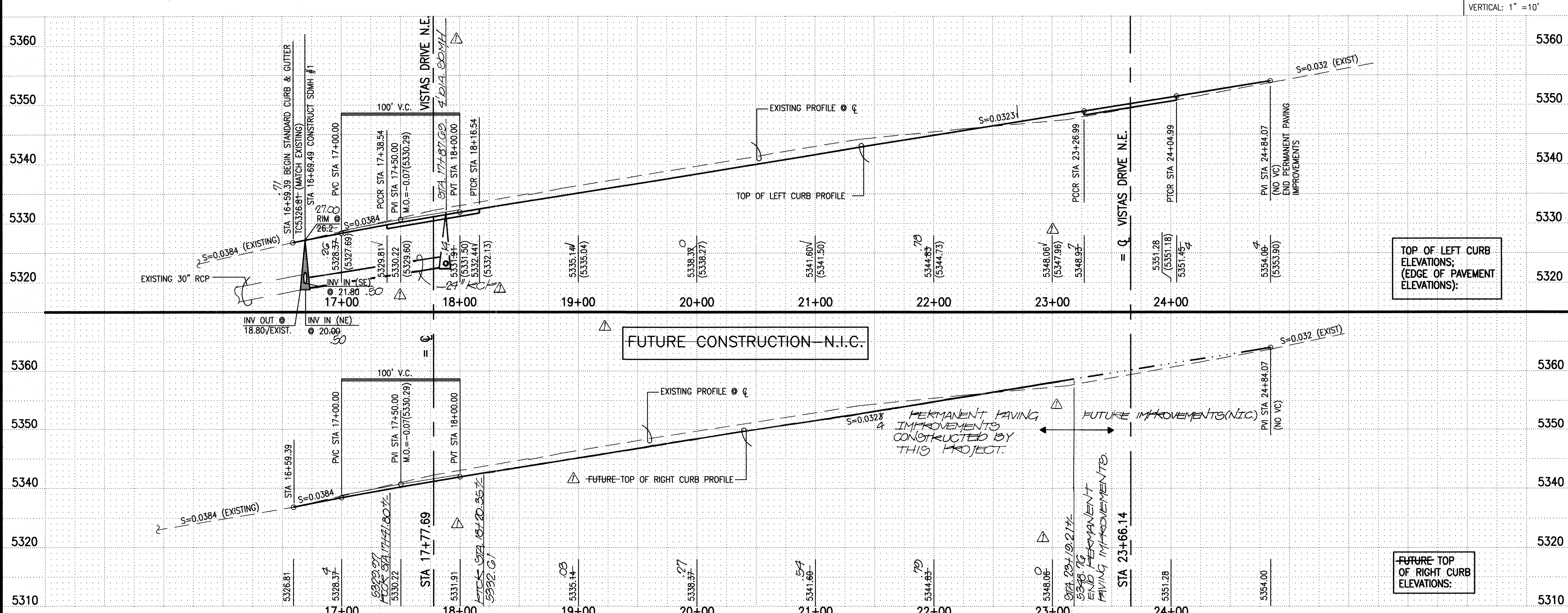
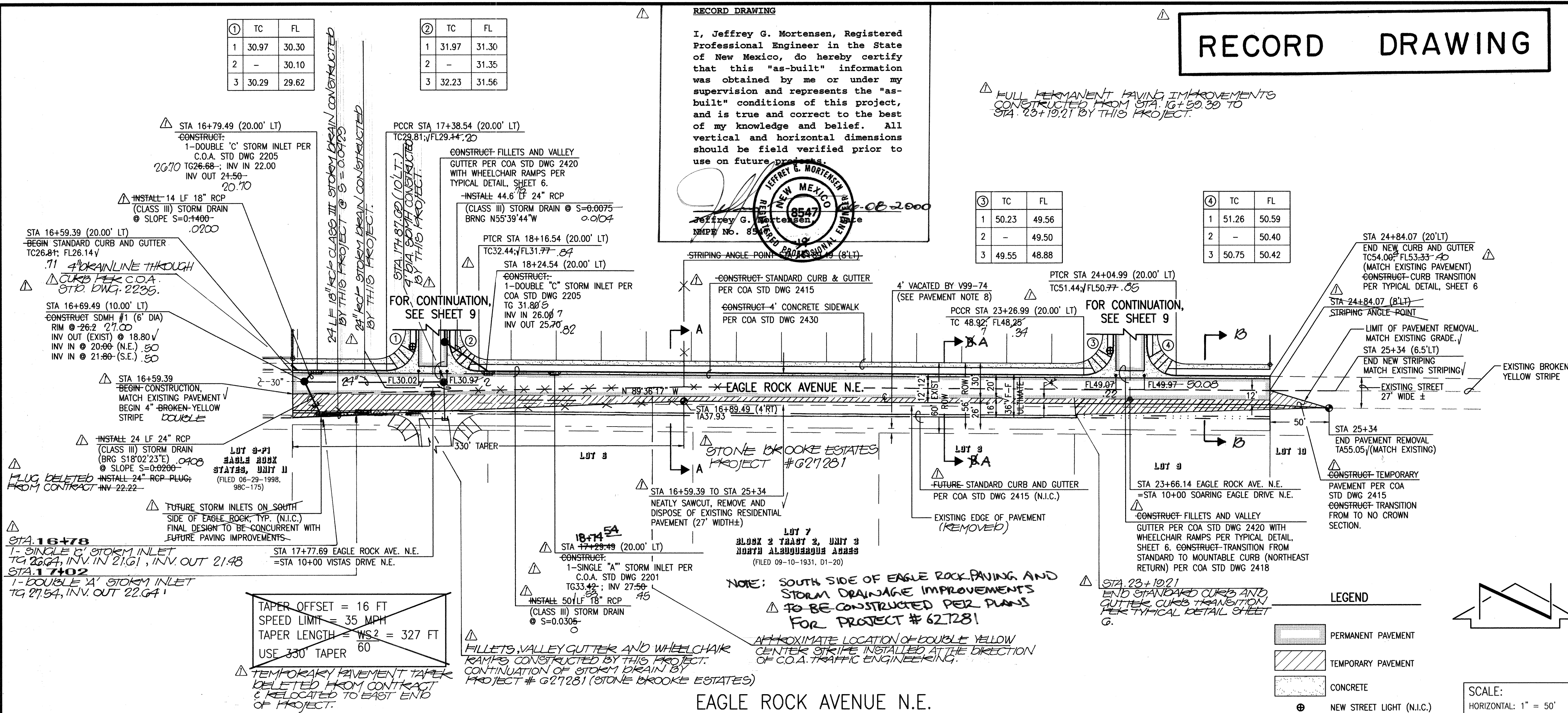


RECORD DRAWING

ALL PERMANENT PAVING IMPROVEMENTS CONSTRUCTED FROM STA 16+59.39 TO STA 23+19.21 BY THIS PROJECT.

③	TC	FL
1	50.23	49.56
2	-	49.50
3	49.55	48.88

④	TC	FL
1	51.26	50.59
2	-	50.40
3	50.75	50.42



STREET PAVING IMPROVEMENTS:

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
- UPON COMPLETION OF CONSTRUCTION, THE CITY OF ALBUQUERQUE WILL PROVIDE AND INSTALL ALL STREET SIGNS.
- REFER TO SHEET 6 FOR STREET SECTIONS.
- THE SOUTH 4' OF EAGLE ROCK FRONTING LOTS 5-9, BLOCK 2, TRACT 2, UNIT 3 NORTH ALBUQUERQUE ACRES WAS VACATED BY V99-74. A REPLAT WAS NOT FILED AT THE TIME OF PLAN PREPARATION.

STORM DRAIN NOTES:

- ALL STORM DRAIN TO BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 6' DIAMETER TYPE "C" PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS OTHERWISE NOTED. SLOPES ARE BASED ON TRUE LENGTH OF PIPE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS NOT TO EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

STRIPING NOTES:

- STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
- ALL PAVEMENT MARKINGS SHALL BE TEMPORARY AND PAINTED AND COMPLY WITH COA TRAFFIC OPERATIONS THIRD DRAFT SPECIFICATIONS AND CONTRACT ITEM LISTING AND THE M.U.T.C.D. (LATEST EDITION).
- CONTRACTOR SHALL OBLITERATE ALL EXISTING PAVEMENT MARKINGS WITHIN PROJECT LIMITS PER SECTION 443 OF THE THIRD DRAFT SPECIFICATIONS AND CONTRACT ITEM LISTING BY COA TRAFFIC ENGINEERING OPERATIONS, JUNE 1994, PRIOR TO NEW MARKINGS INSTALLATION.
- BROKEN LANE STRIPES SHALL BE 10 FEET IN LENGTH WITH 30 FOOT GAPS.
- CONTRACTOR MUST REVIEW STRIPING LAYOUT WITH CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION PRIOR TO INSTALLATION. CONTACT ED TOLEDO @ 857-8000

CURVE TABLE

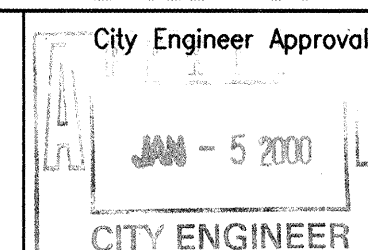
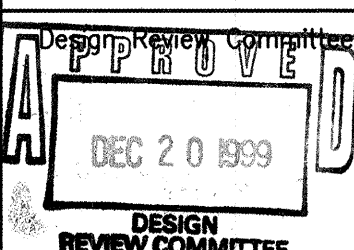
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
①	25.00'	39.36'	35.42'	N45°17'50"E	90°11'47"
②	25.00'	39.18'	35.29'	N44°42'10"W	89°48'13"
③	25.00'	39.36'	35.42'	N45°17'50"E	90°11'47"
④	25.00'	39.18'	35.29'	N44°42'10"W	89°48'13"



JEFF MORTENSEN & ASSOCIATES, INC.
8010-B MIDWAY PARK BLVD., N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS SURVEYORS (505) 345-4250

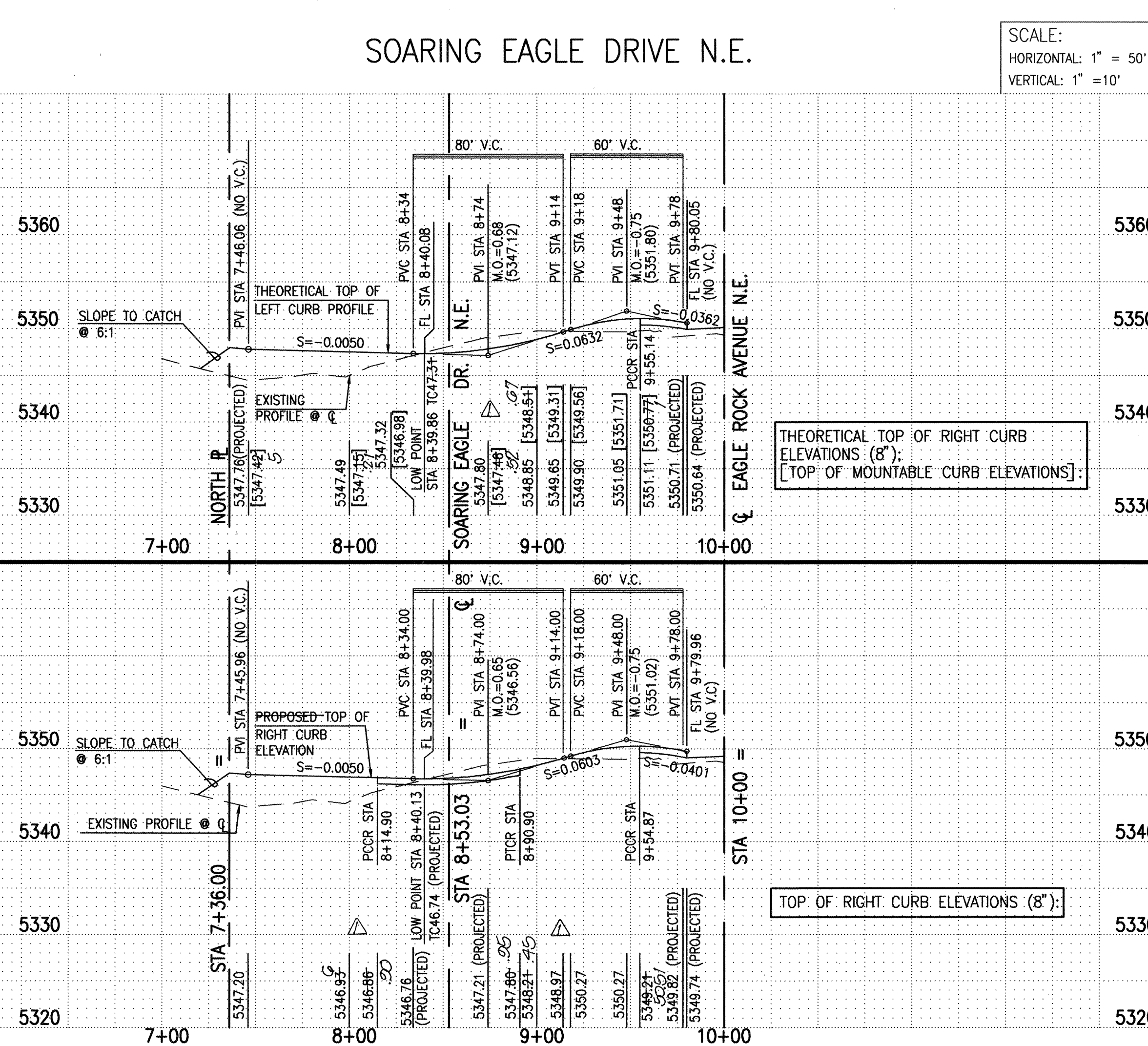
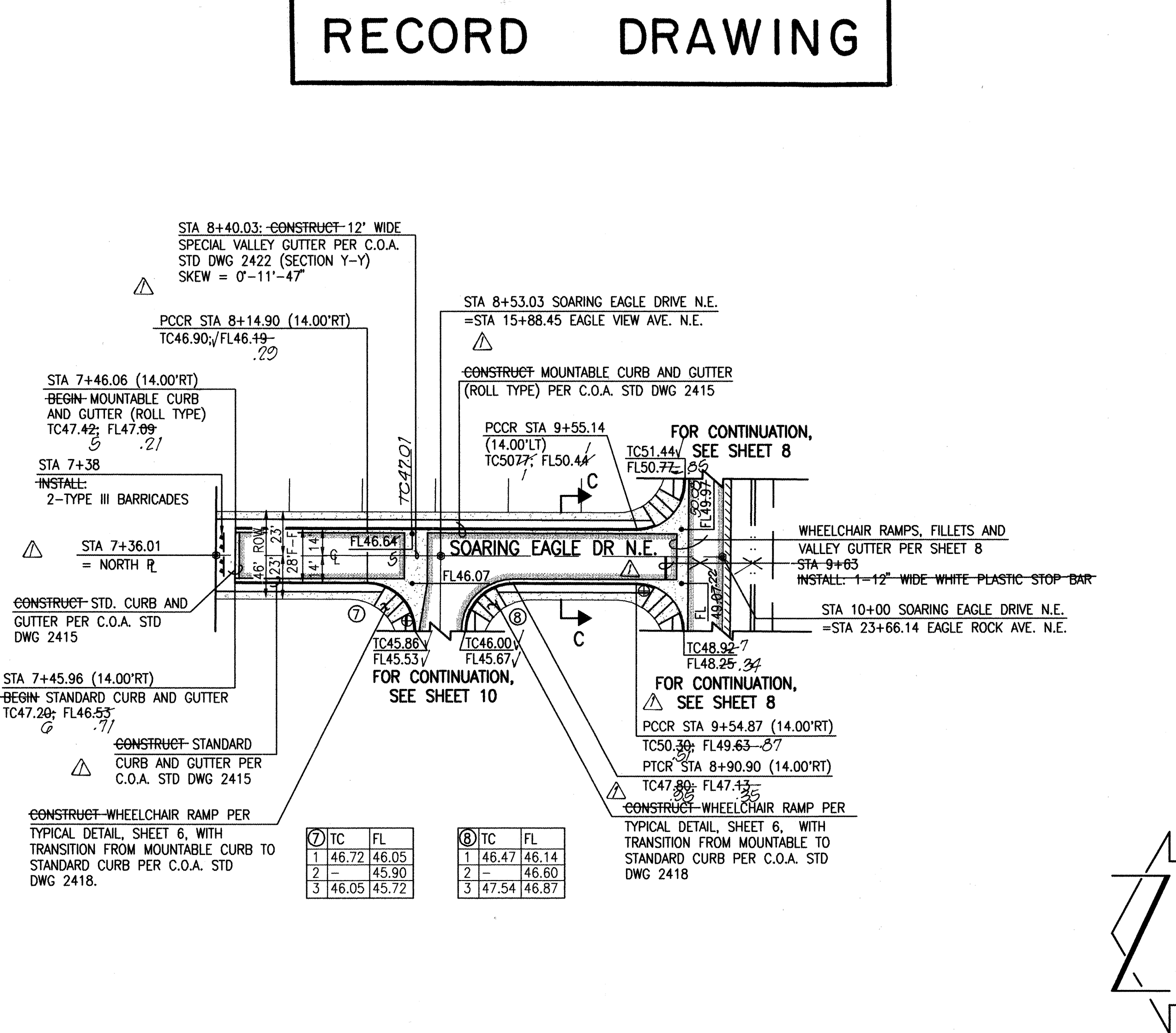
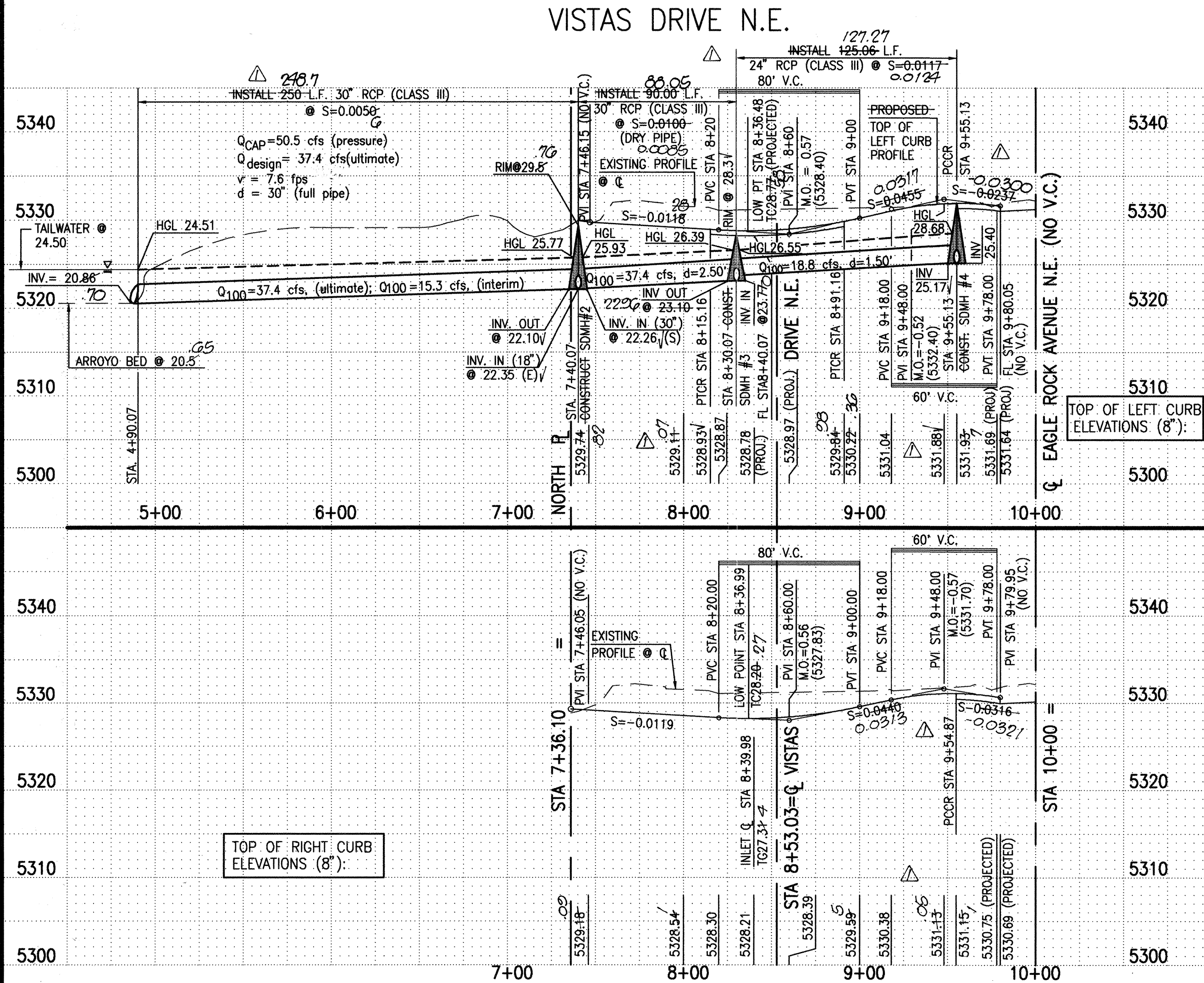
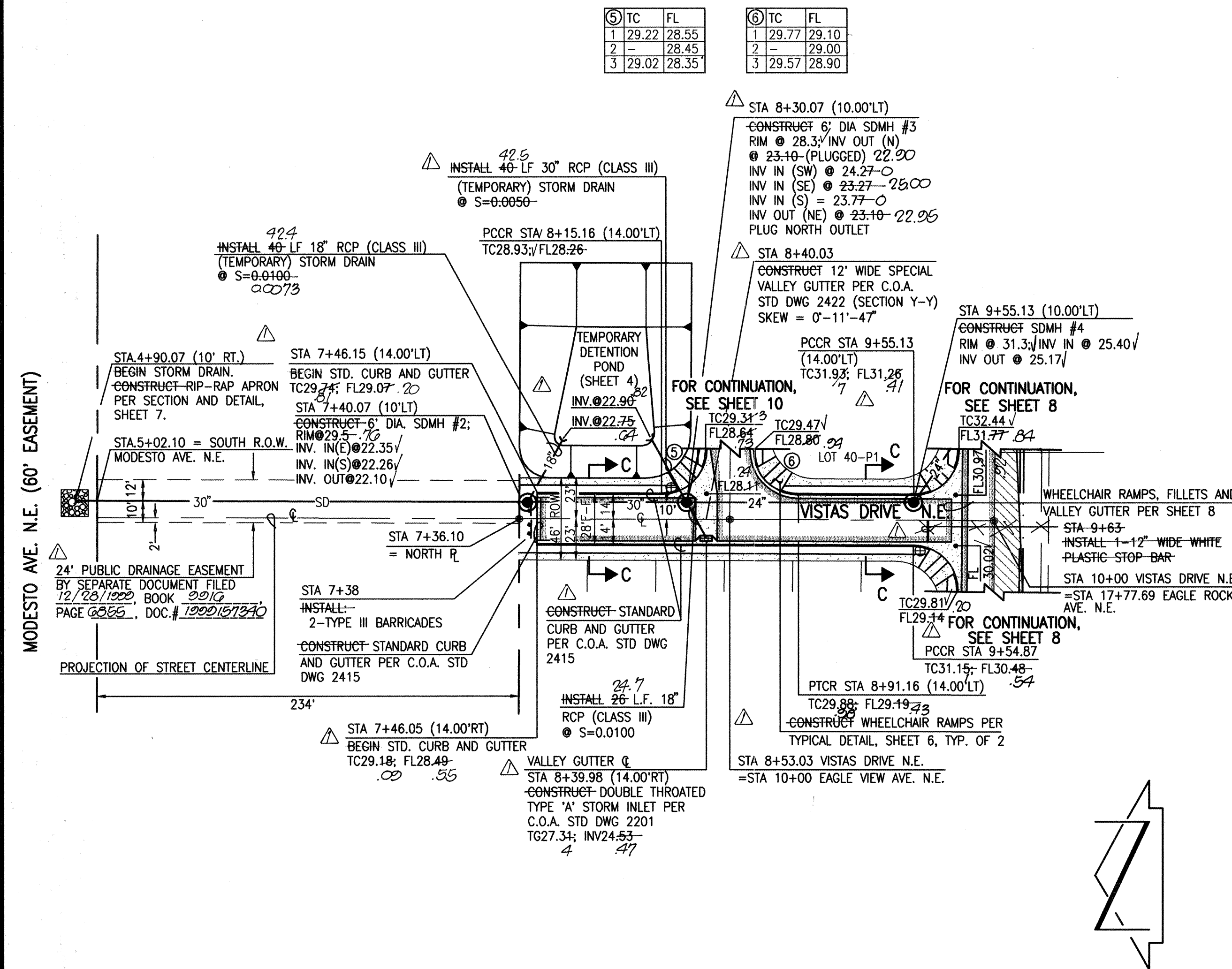
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA DEL AGUILA
PAVING AND STORM DRAIN IMPROVEMENTS PLAN AND PROFILE
EAGLE ROCK AVE. N.E.



SCANNED BY
MESA REPRO

File Path: J:\JMA\DATA\990043
File Name: 990043PR2.DWG
Plot Date: 10-11-1999
Plot Time: 09:52 am



RECORD DRAWING

STREET PAVING IMPROVEMENTS:

- ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE-OF-CURB.
- ALL SIDEWALKS SHOWN HEREON SHALL BE CONSIDERED UNDER SEPARATE PERMIT (BUILDING PERMIT).
- ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
- ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415 UNLESS OTHERWISE NOTED.
- UPON COMPLETION OF CONSTRUCTION, THE CITY OF ALBUQUERQUE WILL PROVIDE AND INSTALL ALL STREET SIGNS.
- STRIPING BY CONTRACTOR WILL BE REQUIRED PRIOR TO FINAL ACCEPTANCE.
- REFER TO SHEET 6 FOR STREET SECTIONS.

STORM DRAIN NOTES:

- ALL STORM DRAIN TO BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 6' DIAMETER TYPE 'C' PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS OTHERWISE NOTED. SLOPES ARE BASED ON TRUE LENGTH OF PIPE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS NOT TO EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be figured and checked prior to use on future projects.

Jeffrey G. Mortensen
Professional Engineer
No. 8947
10-14-99

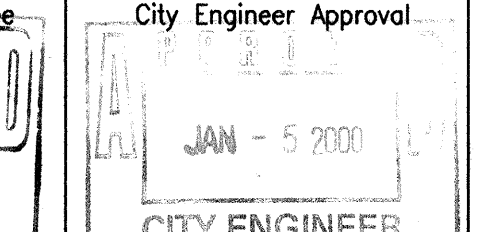
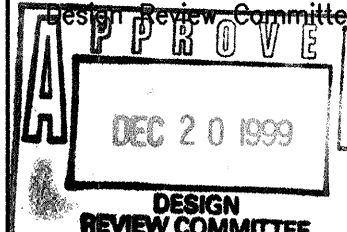
CURVE	RADIUS	LENGTH	BEARING	DELTA
⑤	25.00'	39.18'	35.29'	S44°42'10"E 89°48'13"
⑥	25.00'	39.36'	35.42'	N45°17'50"E 90°11'47"
⑦	25.00'	39.36'	35.42'	N45°17'50"E 90°11'47"
⑧	25.00'	39.18'	35.29'	N44°42'10"E 89°48'13"



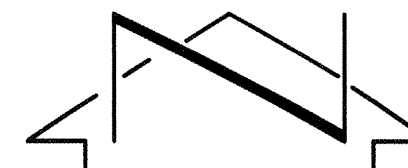
JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD., N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS: SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

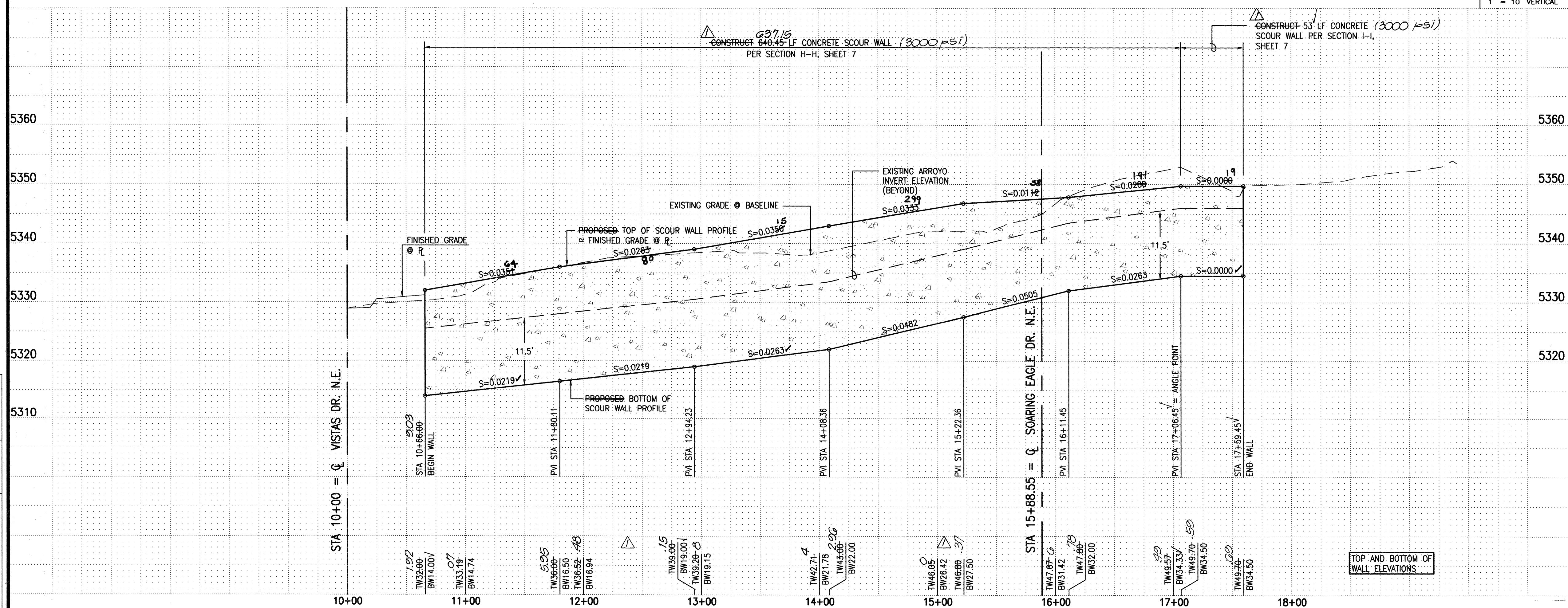
TITLE: VISTA DEL AGUILA
PAVING AND STORM DRAIN IMPROVEMENTS PLAN AND PROFILE
VISTAS DRIVE N.E. AND SOARING EAGLE DRIVE N.E.



NO.	DATE	REMARKS
1	10-11-1999	DESIGN
2	10-11-1999	REVISIONS



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

[illegible]

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen Date 06-08-2
NMPE No. 8547



JMA

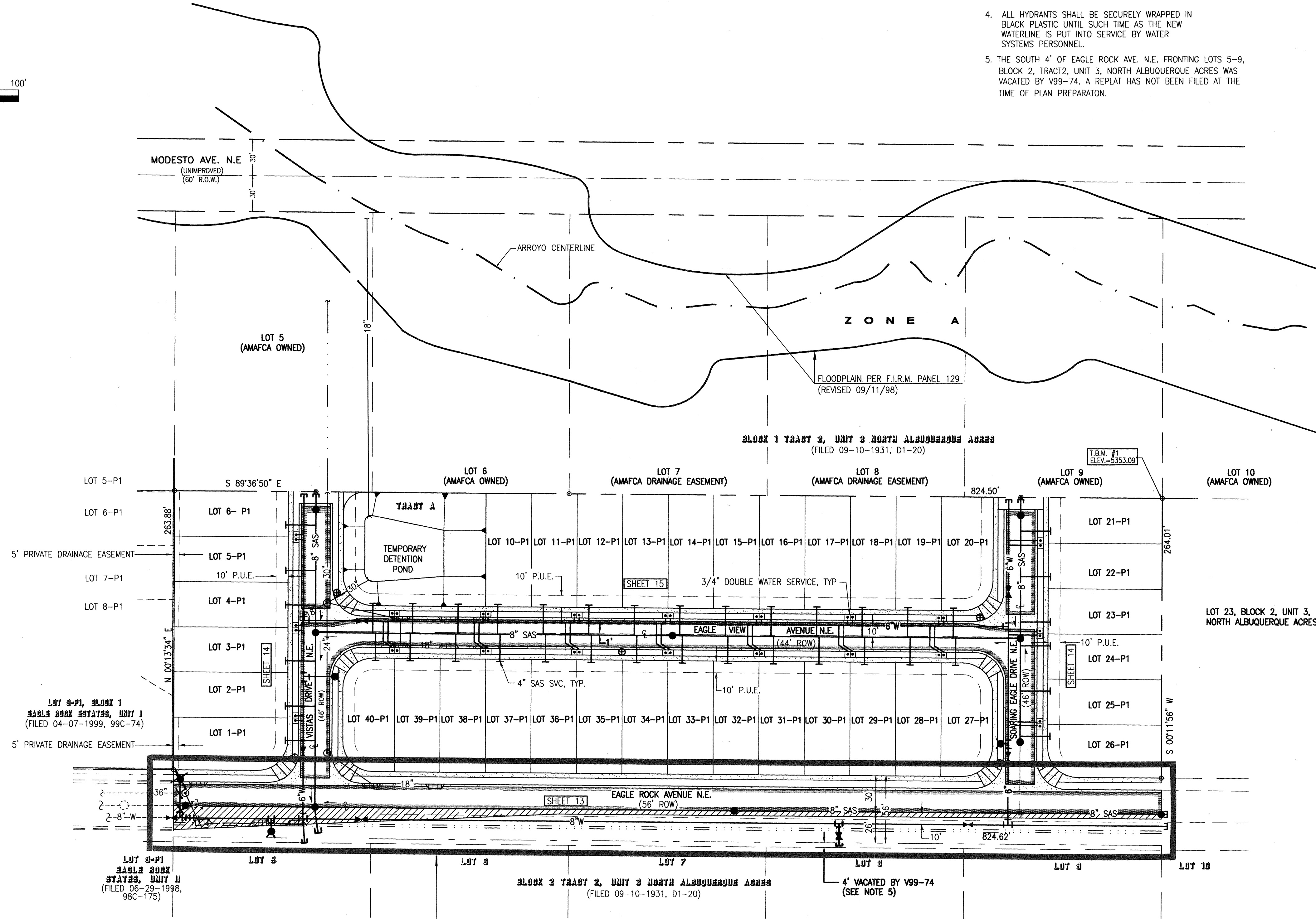
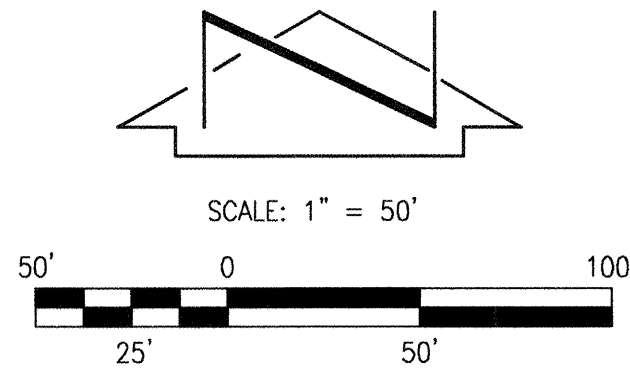
JEFF MORTENSEN & ASSOCIATES, INC.
☐ 8010-B MIDWAY PARK BLVD., N.E.
 ALBUQUERQUE ☐ NEW MEXICO 871
☐ ENGINEERS ☐ SURVEYORS (SOS) 3

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA DEL AGUILA
SCOUR WALL PLAN AND PROFILE

A	Design Review Committee DEC 20 1999 DESIGN REVIEW COMMITTEE	City Engineer Approval JAN - 5 2000 CITY ENGINEER	Last Design Update	No.
----------	--	--	--------------------	-----

City Project No.	622581	Zone Map No.	C-19	Sh
------------------	--------	--------------	------	----



NOTES:

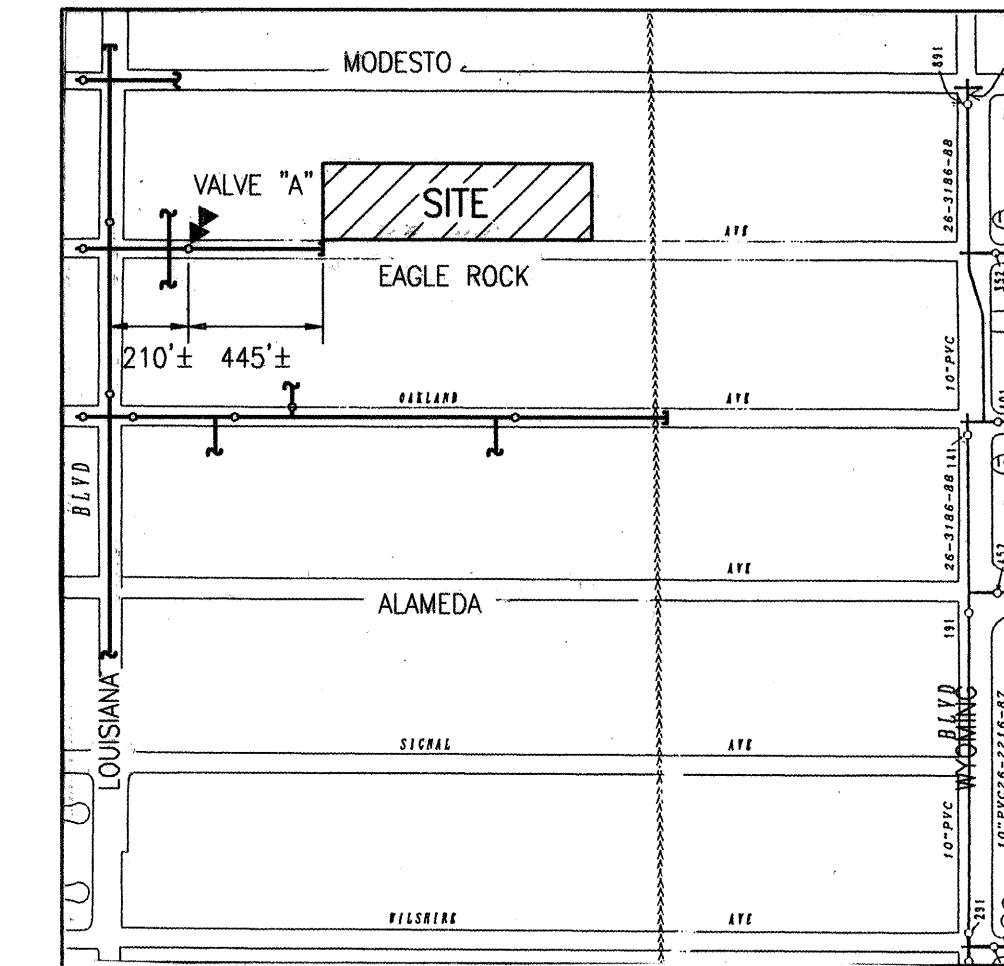
1. REFER TO SHEET 5 FOR PAVING AND STORM DRAINAGE SITE PLAN
2. REFER TO SHEETS 2 AND 3 FOR SUBDIVISION PLAT.
3. REFER TO SHEET 4 FOR GRADING PLAN.
4. ALL HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEMS PERSONNEL.
5. THE SOUTH 4' OF EAGLE ROCK AVE. N.E. FRONTING LOTS 5-9, BLOCK 2, TRACT 2, UNIT 3, NORTH ALBUQUERQUE ACRES WAS VACATED BY V99-74. A REPLAT HAS NOT BEEN FILED AT THE TIME OF PLAN PREPARATION.

LEGEND

- NEW 3/4" DOUBLE WATER SERVICE
- NEW 4" SAS SERVICE
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW SAS MANHOLE
- NEW STREET CENTERLINE MONUMENT
- NEW STREET LIGHT
- NEW STORM INLET
- NEW STORM DRAIN (SIZE AS INDICATED)
- FUTURE CONSTRUCTION
- NEW WATERLINE
- NEW SANITARY SEWER LINE
- DIRECTION OF FLOW

WATER VALVE SHUTOFF PLAN:

1. AS A MINIMUM, THE FOLLOWING VALVE SHALL BE CLOSED TO FACILITATE THE PROPOSED CONNECTION:
 - A) AN EXISTING 8" GATE VALVE (VALVE "A") LOCATED IN EAGLE ROCK AVE. N.E. APPROXIMATELY 445' WEST OF THE SITE, AND 210' EAST OF THE CENTERLINE OF LOUISIANA BLVD. N.E.
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINES. THE WATER SYSTEM DIVISION PERSONNEL (857-8200) SHALL PERFORM ALL SHUTOFFS.
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE C-19, AND SUPPLEMENTED WITH INFORMATION PROVIDED BY THE CITY OF ALBUQUERQUE UTILITY DEVELOPMENT SECTION.
5. AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT WATER SYSTEM DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.



WATER VALVE SHUTOFF PLAN

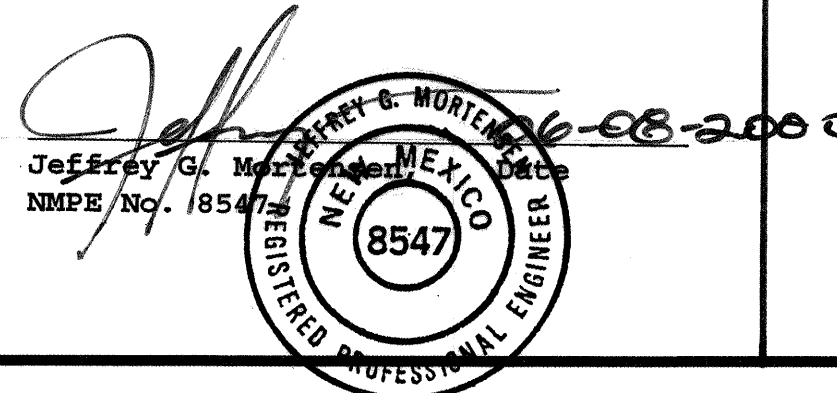
FACILITIES MAP C-19 UPDATED TO SHOW RECENTLY CONSTRUCTED IMPROVEMENTS

SCALE: 1"=600'

SEE SHEET 5 OF 17
DETAIL (1) FOR
AS-BUILT PAVING LIMITS

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



RECORD DRAWING



JEFF MORTENSEN & ASSOCIATES, INC.
8010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (505) 345-4250

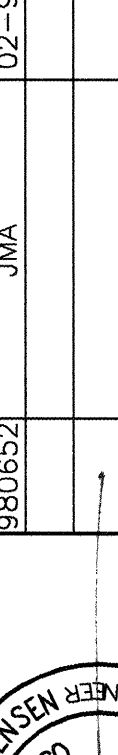
CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES DESIGN & DEVELOPMENT DIVISION	
TITLE: VISTA DEL AGUILA WATER AND SANITARY SEWER SITE PLAN; WATER VALVE SHUTOFF PLAN	
APPROVE DESIGN REVIEW COMMITTEE DEC 2 0 1999	CITY ENGINEER APPROVAL JMA - 5 2000 CITY ENGINEER
City Project No. 622581	Zone Map No. C-19
Sheet 12	Of 17

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	C.C.M., INC.	DATE	02/00	DATE	02/00	NO.	980652	DATE	09-99	DATE	09-99
DESIGNED BY	JMA	DATE	02/00	DATE	02/00	BY	JMA	DATE	09-99	DATE	09-99
INSPECTOR'S FIELD VERIFICATION BY	JMA	DATE	02/00	DATE	02/00	REVISIONS		DATE	09-99	DATE	09-99
FIELD VERIFICATION BY	JMA	DATE	02/00	DATE	02/00	DESIGN		DATE	09-99	DATE	09-99
CORRECTED BY	JMA	DATE	02/00	DATE	02/00	REVISIONS		DATE	09-99	DATE	09-99
RECORDED BY		DATE		DATE		REVISIONS		DATE	09-99	DATE	09-99

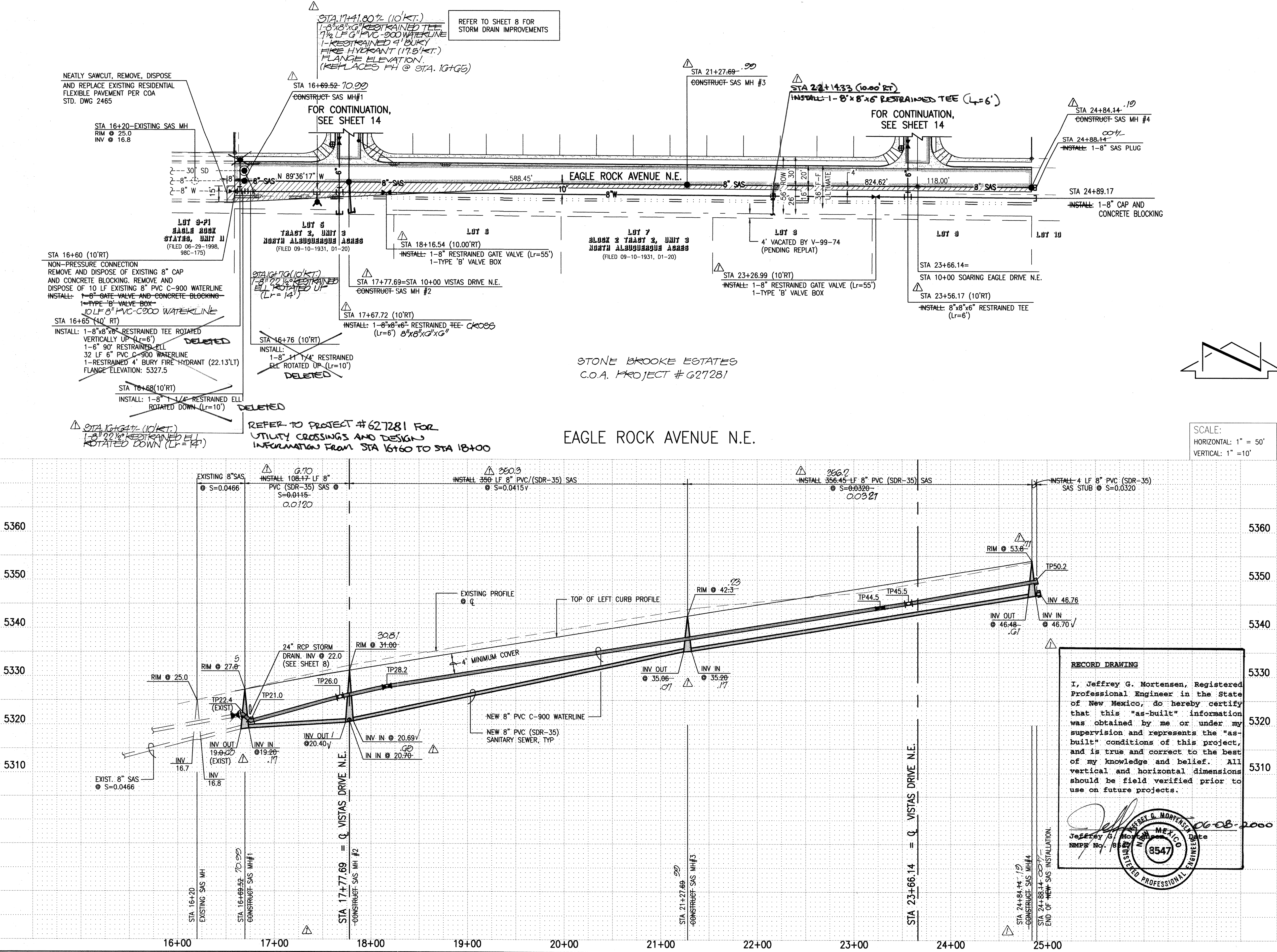
RECORD DRAWING

- WATERLINE CONSTRUCTION NOTES:
1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON, PVC C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CULVERT IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
 4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
 7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
 10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
 11. ALL HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEMS PERSONNEL.

- SANITARY SEWER CONSTRUCTION NOTES:
1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 2. ALL SEWER PIPE SHALL BE PVC (SDR-35) UNLESS OTHERWISE NOTED.
 3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
 5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE (PVC C-900) BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR G.C.M., Inc.		ACCS STANDARD BRASS CAP STAMPED "1-B20", SET IN TOP OF A CONCRETE POST PROJECTING 0.3" ABOVE GROUND		FIELD NOTES			
WORK ORDER BY JMA	DATE 02/00	LOCATED IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF MODESTO AVENUE N.E. AND BARSTOW STREET N.E. ELEVATION = 5474.533 FEET (S.L.D.1929)		NO.	DATE		
INSPECTOR'S ACCEPTANCE BY JMA	DATE 03/00			BY JMA			
FIELD VERIFICATION BY JMA	DATE 03/00						
DRAWINGS CORRECTED BY JMA	DATE 06/00						
MICRO-FILM INFORMATION							
RECORDED BY							
DATE							
NO.							

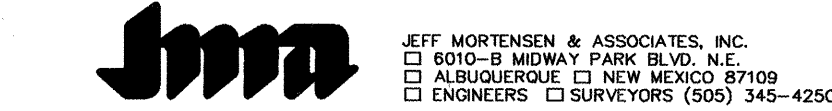
SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 10'



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
Professional Engineer
No. 8547
State of New Mexico
06-08-2000

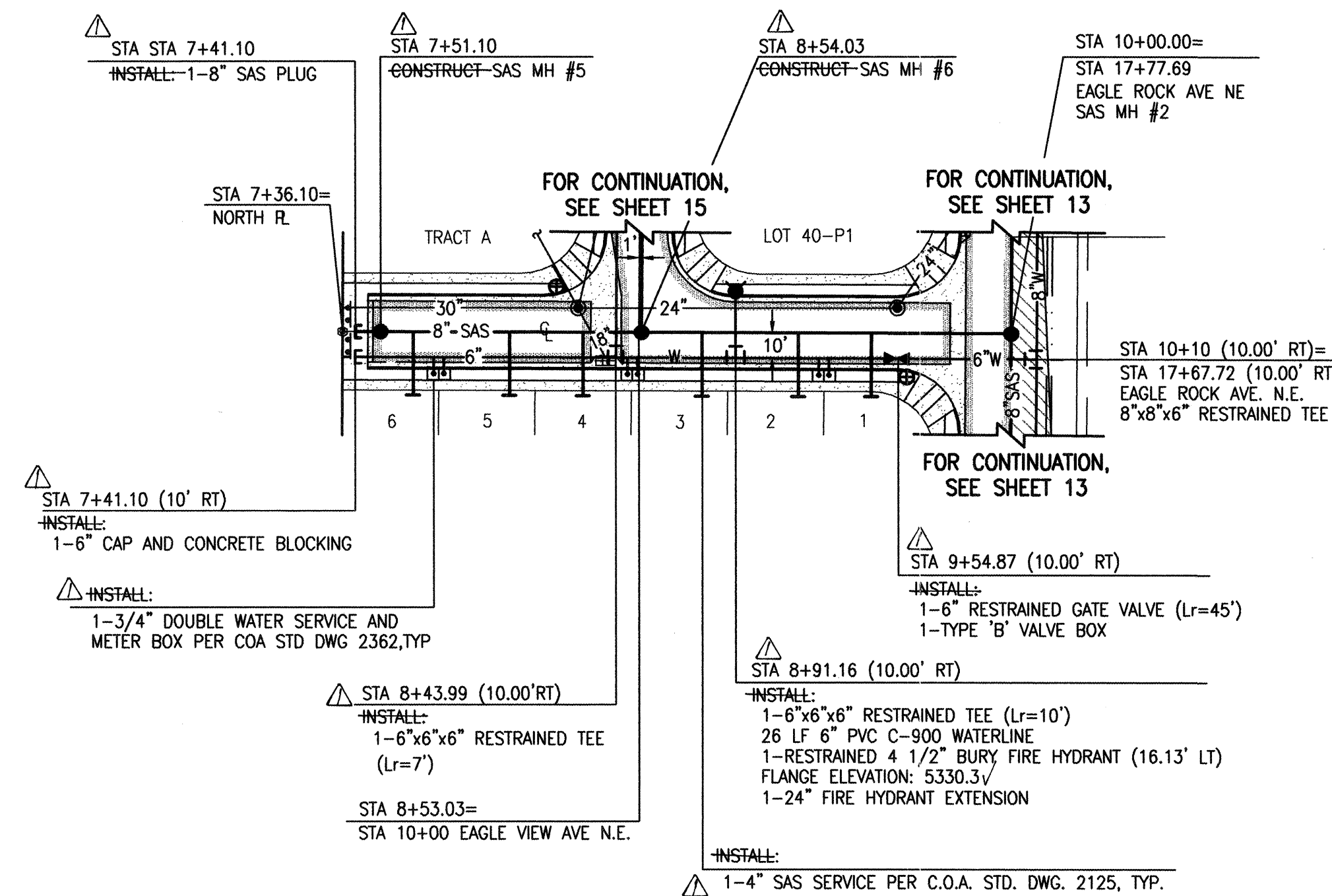


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

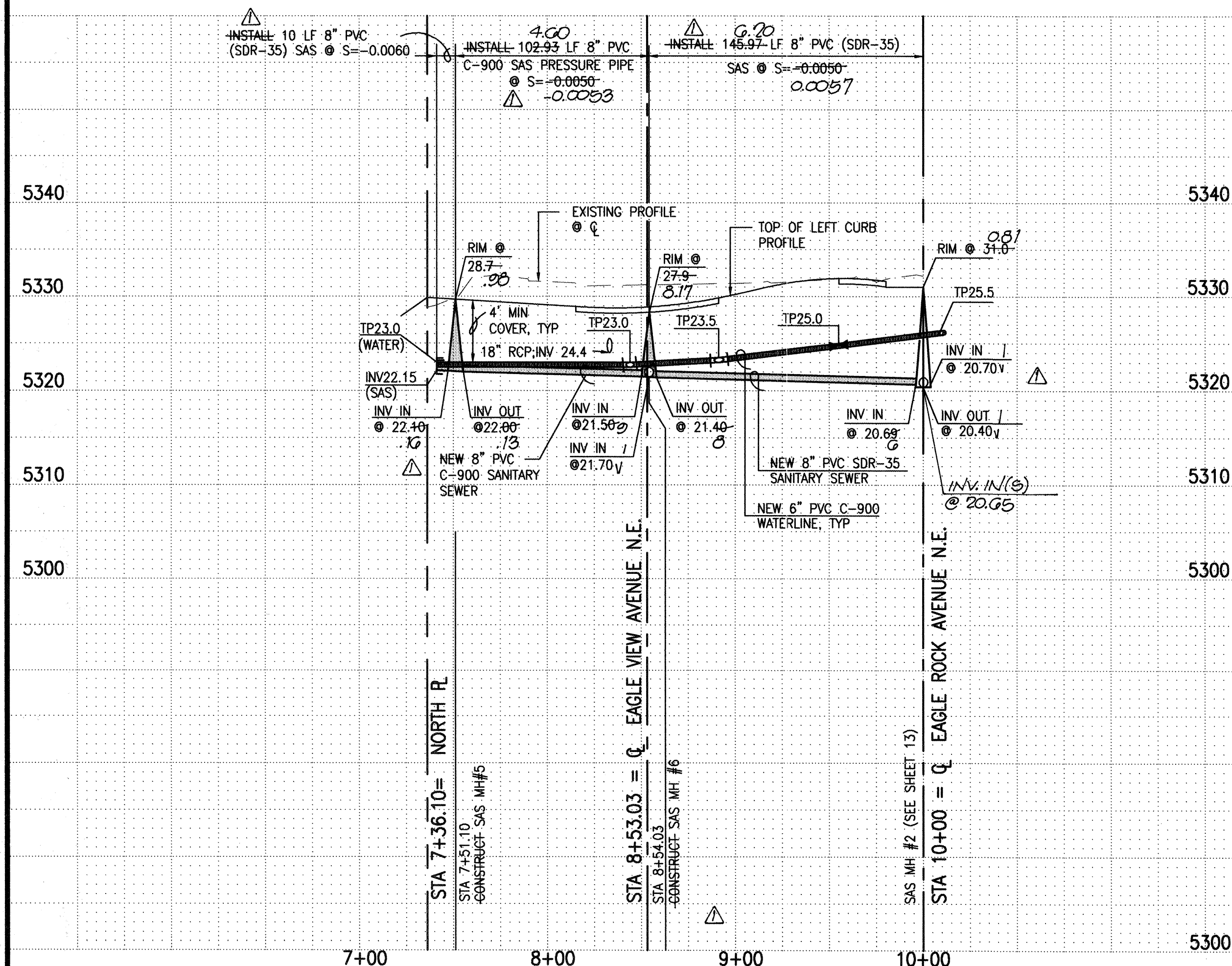
TITLE: VISTA DEL AGUILA
WATER AND SANITARY SEWER LINE EXTENSIONS
EAGLE ROCK AVE. N.E.

Design Review Committee	City Engineer Approval	Ms. Day/Tr.	Ms. Day/Tr.
APPROVED	APPROVED		
DEC 20 1999	JAN 5 2000		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

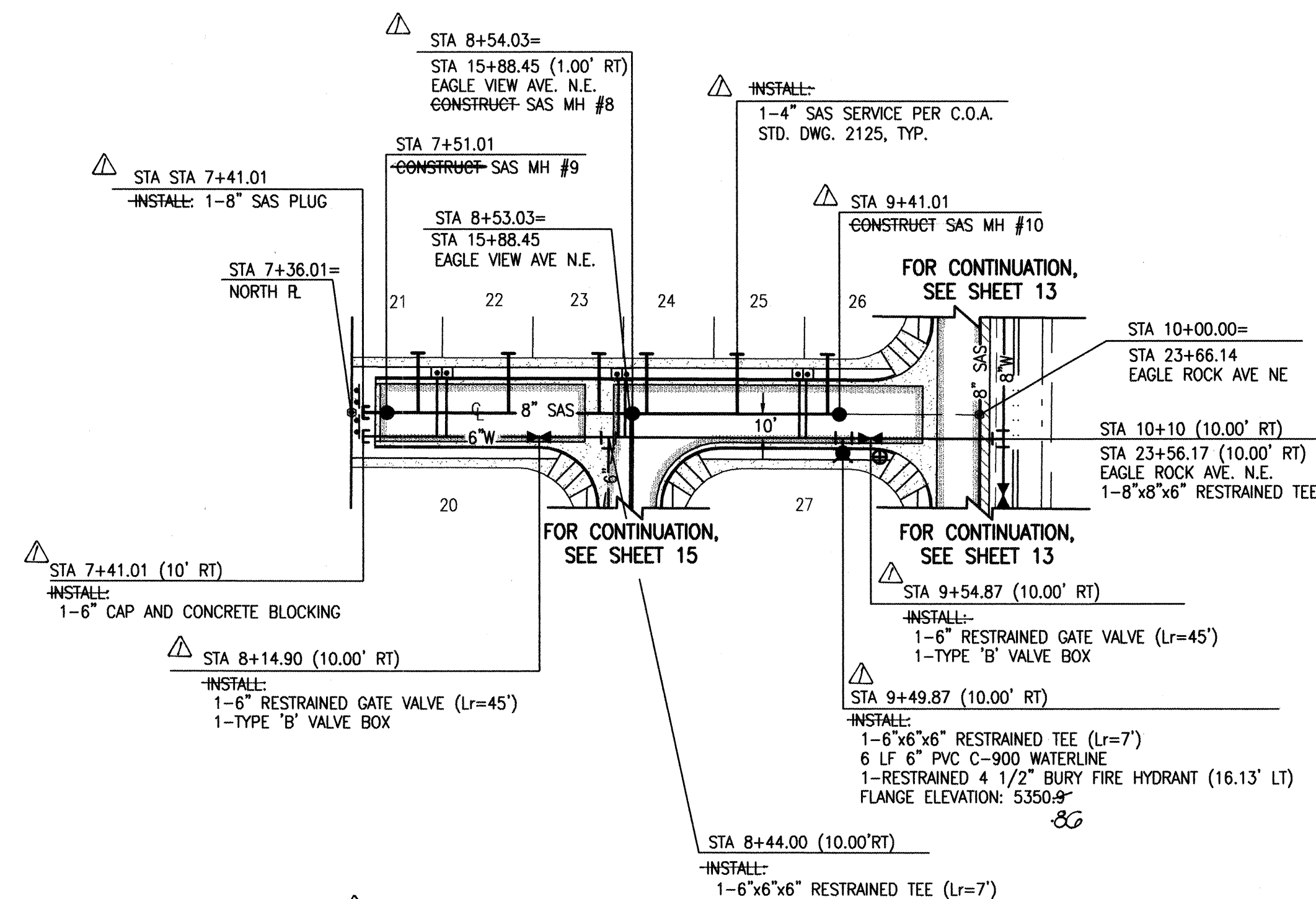
SAS SERVICE SCHEDULE			
LOT	STA	SIZE	INV @ R
6	7+64.04	4"	24.77
5	8+02.04	4"	24.378
4	8+31.04	4"	24.07
3	8+78.04	4"	23.9
2	9+16.04	4"	22.95
1	9+44.83	4"	26.02



VISTAS DRIVE N.E.



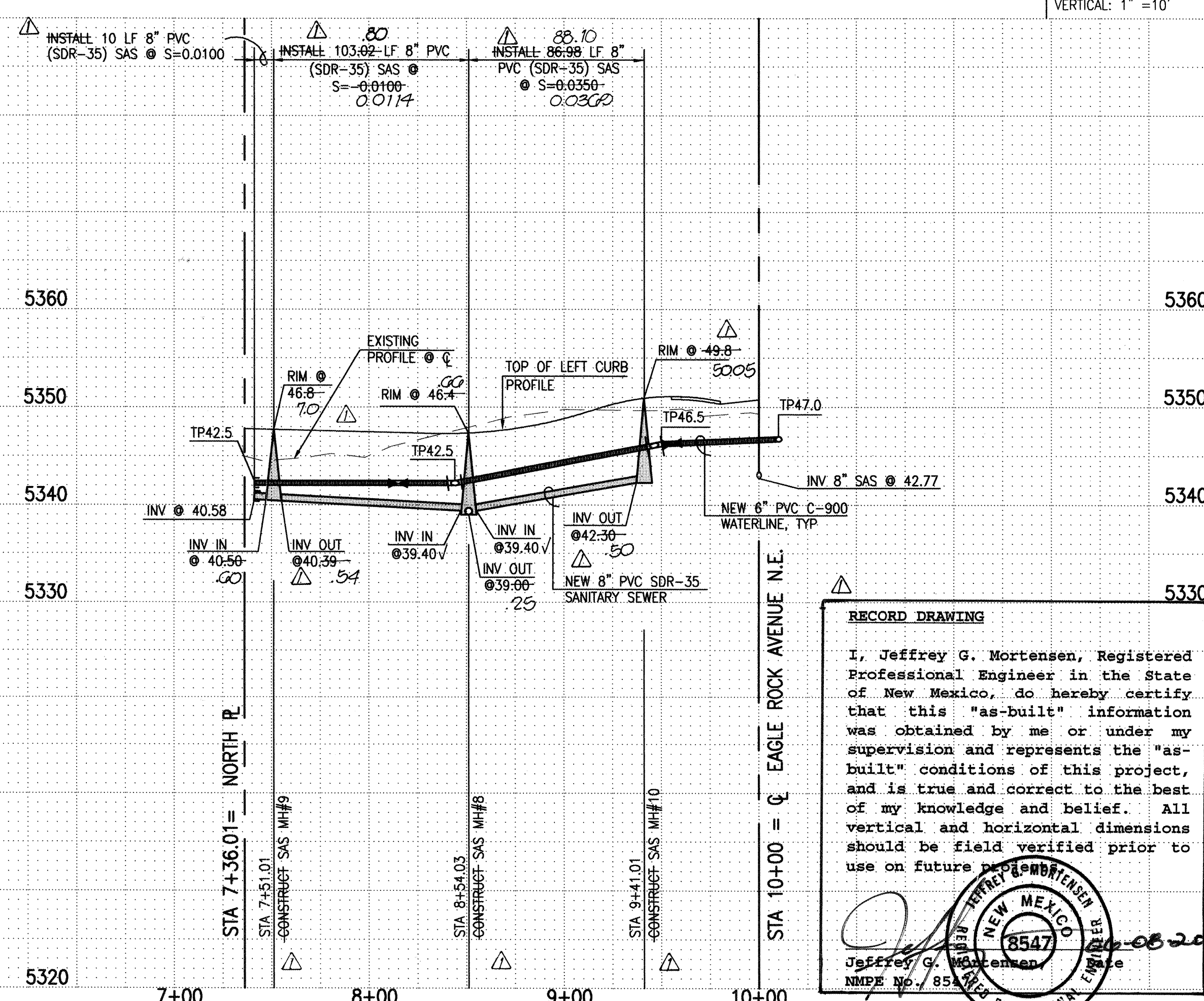
SAS SERVICE SCHEDULE			
LOT	STA	SIZE	INV
21	7+64.09	4"	43.0 42.66
22	8+02.09	4"	42.7 42.38
23	8+40.09	4"	42.2 41.88
24	8+60.09	4"	42.5 42.20
25	8+98.09	4"	44.0V 43.96
26	9+36.09	4"	46.0 45.9



RECORD DRAWING

SOARING EAGLE DRIVE N.E.

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



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-905 AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALLIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. ALL HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEMS PERSONNEL.

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-35), UNLESS INDICATED OTHERWISE
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125, UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE (PVC C-900) BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: VISTA DEL AGUILA
WATER AND SANITARY SEWER LINE EXTENSIONS PLAN AND PROFILE
VISTAS DRIVE N.E. AND SOARING EAGLE DRIVE N.E.

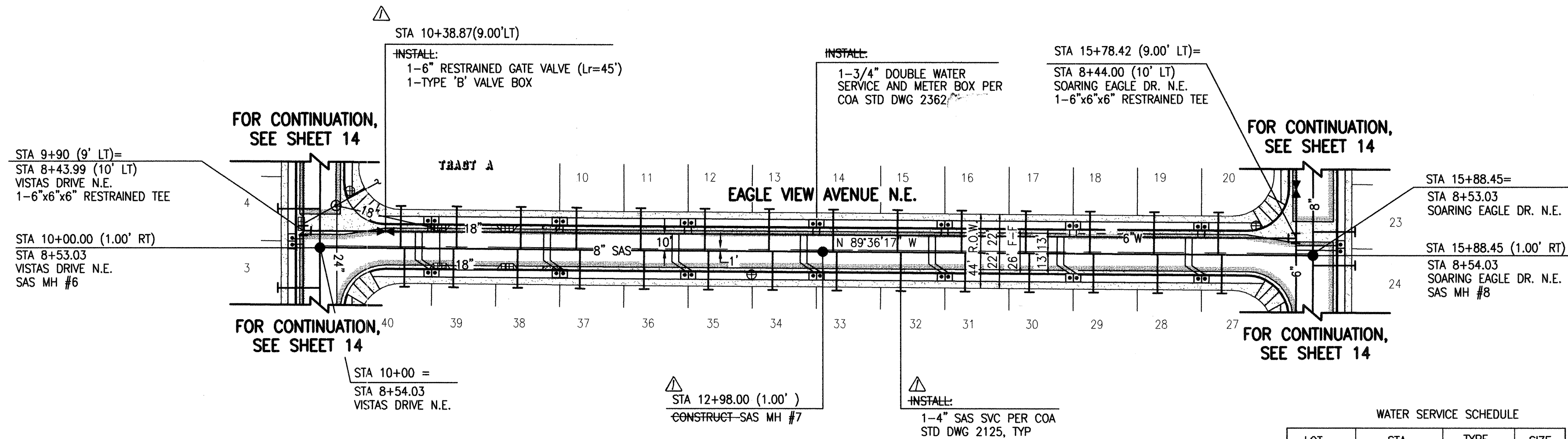
Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED	DEC 20 1999	JAN - 5 2000	ENGINEER			

City Project No.	62258	Zone Map No.	C-19	Sheet	14	Of	17
------------------	-------	--------------	------	-------	----	----	----

SCANNED BY
MESA REPRO

File Path:	E:\DATA\AQ014\980656\	Plot Date:	09-16-1999
File Name:	980656P5.DWG	Plot Time:	11:14 am

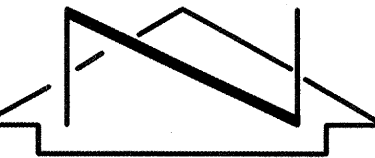
RECORD DRAWING



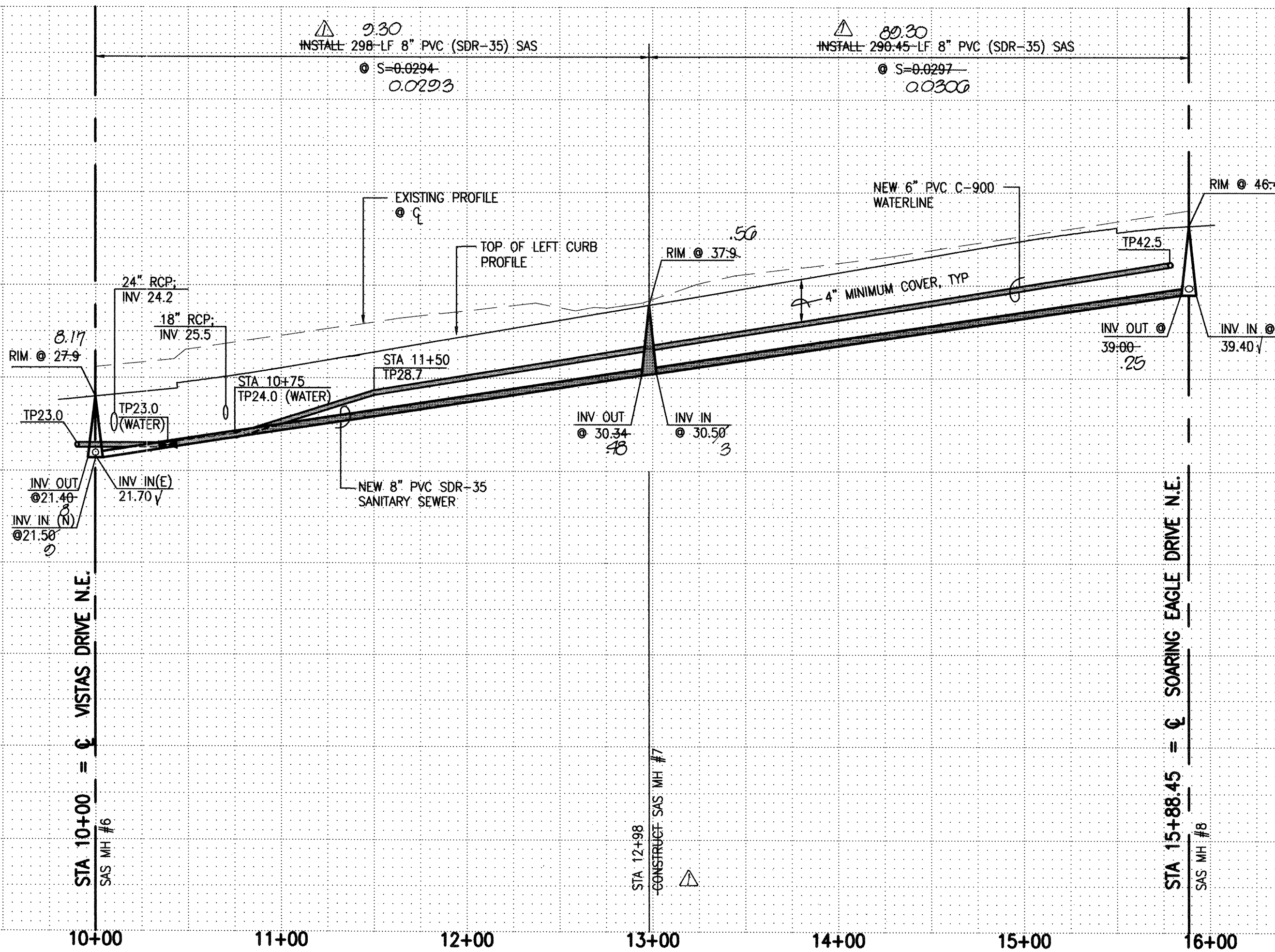
SAS SERVICE SCHEDULE			
LOT	STA	SIZE	INV @ R
7	10+47.84	4"	25.74
40	10+50.16	4"	25.80
39	10+79.16	4"	25.80
8	10+80.93	4"	25.07
38	11+17.16	4"	27.51
9	11+18.96	4"	27.72
10	11+52.00	4"	27.70
37	11+54.16	4"	27.93
11	11+90.04	4"	28.80
36	11+92.16	4"	29.80
12	12+28.08	4"	29.80
35	12+30.23	4"	29.81
13	12+66.11	4"	30.01
34	12+68.26	4"	31.22
14	13+04.15	4"	32.41
33	13+06.30	4"	32.41
15	13+42.19	4"	33.80
32	13+44.34	4"	33.80
16	13+80.23	4"	34.70
31	13+82.38	4"	34.70
17	14+18.29	4"	35.80
30	14+20.44	4"	35.80
18	14+56.29	4"	36.80
29	14+58.44	4"	36.80
19	14+94.29	4"	38.40
28	14+96.44	4"	38.40
20	15+32.29	4"	39.30
27	15+34.44	4"	39.30

WATER SERVICE SCHEDULE			
LOT	STA	TYPE	SIZE
7/8	10+65.93	DOUBLE	3/4"
40/39	10+66.16	DOUBLE	3/4"
9/10	11+42.00	DOUBLE	3/4"
38/37	11+42.16	DOUBLE	3/4"
11/12	12+18.08	DOUBLE	3/4"
36/35	12+18.23	DOUBLE	3/4"
13/14	12+94.15	DOUBLE	3/4"
34/33	12+94.30	DOUBLE	3/4"
15/16	13+70.23	DOUBLE	3/4"
32/31	13+70.38	DOUBLE	3/4"
17/18	14+46.29	DOUBLE	3/4"
30/29	14+46.44	DOUBLE	3/4"
19/20	15+22.29	DOUBLE	3/4"
28/27	15+22.44	DOUBLE	3/4"

EAGLE VIEW AVENUE N.E.



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



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
Professional Engineer
No. 8547
State of New Mexico
09-10-2000

- WATERLINE CONSTRUCTION NOTES:**
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 - FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 - FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON PVC C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
 - WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
 - VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
 - FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
 - ALL HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEMS PERSONNEL.
- SANITARY SEWER CONSTRUCTION NOTES:**
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 - ALL SEWER PIPE SHALL BE PVC (SDR-35), UNLESS INDICATED OTHERWISE.
 - SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 - ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
 - SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	CCM/ITC	DATE	02/00	DATE	02-99	NO.	980652
INSPECTOR	JMA	DATE	03/00	BY	JMA	NO.	
FIELD ENGINEER	MBS/PSO	DATE	03/00	NO.		NO.	
VERIFICATION	JMA/MSB	DATE	03/00	NO.		NO.	
CORRECTION	JMA	DATE	03/00	NO.		NO.	
RECORDED BY		DATE		NO.		NO.	

CHAD AB-BUILT & CERTIFY

REMARKS

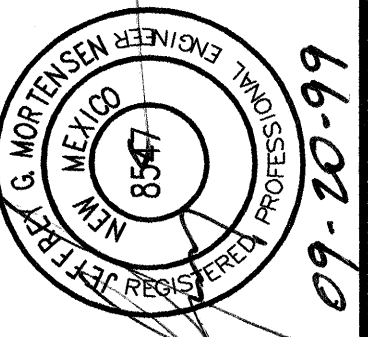
Revisions

DESIGN

Designed By: G.M. Date: 09-1999

Drawn By: J.Y.R./D.L.M. Date: 09-1999

Checked By: J.G.M. Date: 09-1999



Jma JEFF MORTENSEN & ASSOCIATES, INC.
11100 N. MURRAY PARK BLVD. N.E.
ALBUQUERQUE, NM 87111
ENGINEERS & SURVEYORS (908) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **VISTA DEL AGUILA
WATER AND SANITARY SEWER LINE EXTENSIONS PLAN AND PROFILE
EAGLE VIEW AVE. N.E.**

Design Prepared By	City Engineer Approval	Mo. Rev. No.	Mo. Rev. No.
DEC 2 0 1999	JAN - 5 2000		
DESIGN REVIEW COMMITTEE			
City Project No.	Zone Map No.	Sheet	Of

SCANNED BY
MESA REPRO

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHES OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:

1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 x SPEED LIMIT	10 x SPEED LIMIT
25-30	10 x SPEED LIMIT	10 x SPEED LIMIT
30-35	10 x SPEED LIMIT	10 x SPEED LIMIT
40-45	10 x SPEED LIMIT	10 x SPEED LIMIT
50-60	10 x SPEED LIMIT	10 x SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

<u>SPEED LIMIT</u>	
40 MPH OR LESS	$\frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK
85 PERCENTILE SPEED IN MPH

DRAWING

990043 ~~980656~~

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE:	VISTA DEL AGUILA SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

Design Review Committee	City Engineer Approval	Last Design Update _____	Mo./Day/Yr.	Mo./Day/Yr.	
			_____	_____	
			_____	_____	
			_____	_____	
			_____	_____	
City Project No.	Zone	Map No.	Sheet	Of	
622581		C-19		16	17

Design Review Committee	City Engineer Approval	Last Design Update _____	Mo./Day/Yr.	Mo./Day/Yr.	
			_____	_____	
			_____	_____	
			_____	_____	
			_____	_____	
City Project No.	Zone	Map No.	Sheet	Of	
622581		C-19		16	17

Design Review Committee	City Engineer Approval	Last Design Update _____	Mo./Day/Yr.	Mo./Day/Yr.	
			_____	_____	
			_____	_____	
			_____	_____	
			_____	_____	
City Project No.	Zone	Map No.	Sheet	Of	
622581		C-19		16	17

Design Review Committee	City Engineer Approval	Last Design Update _____	Mo./Day/Yr.	Mo./Day/Yr.	
			_____	_____	
			_____	_____	
			_____	_____	
			_____	_____	
City Project No.	Zone	Map No.	Sheet	Of	
622581		C-19		16	17

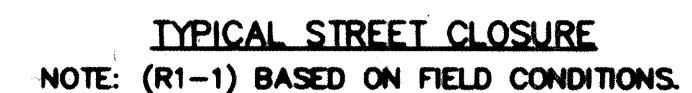
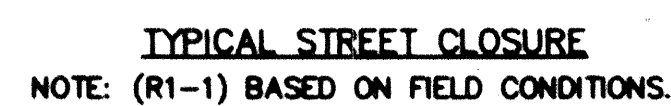
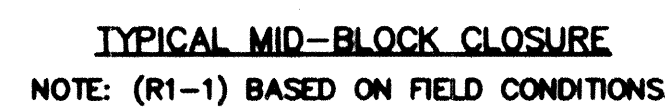
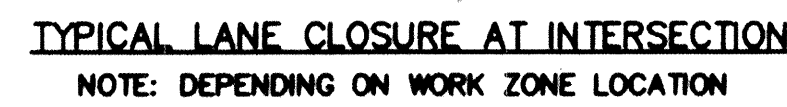
Design Review Committee	City Engineer Approval	Last Design Update _____	Mo./Day/Yr.	Mo./Day/Yr.	
			_____	_____	
			_____	_____	
			_____	_____	
			_____	_____	
City Project No.	Zone	Map No.	Sheet	Of	
622581		C-19		16	17

File Path:	E:\CADD\LIBRARY\TITLEBLOCK\	Plot Date:	09-07-1999
File Name:	TRAFFSIGN.DWG	Plot Time:	09:52 am

Plot Date:	09-07-19
Plot Time:	09:52 am

File Path:	E:\CAD\LIBRARY\TITLEBLK\
File Name:	TRAFFSIGN.DWG

GENERAL NOTE:

[illegible]