

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

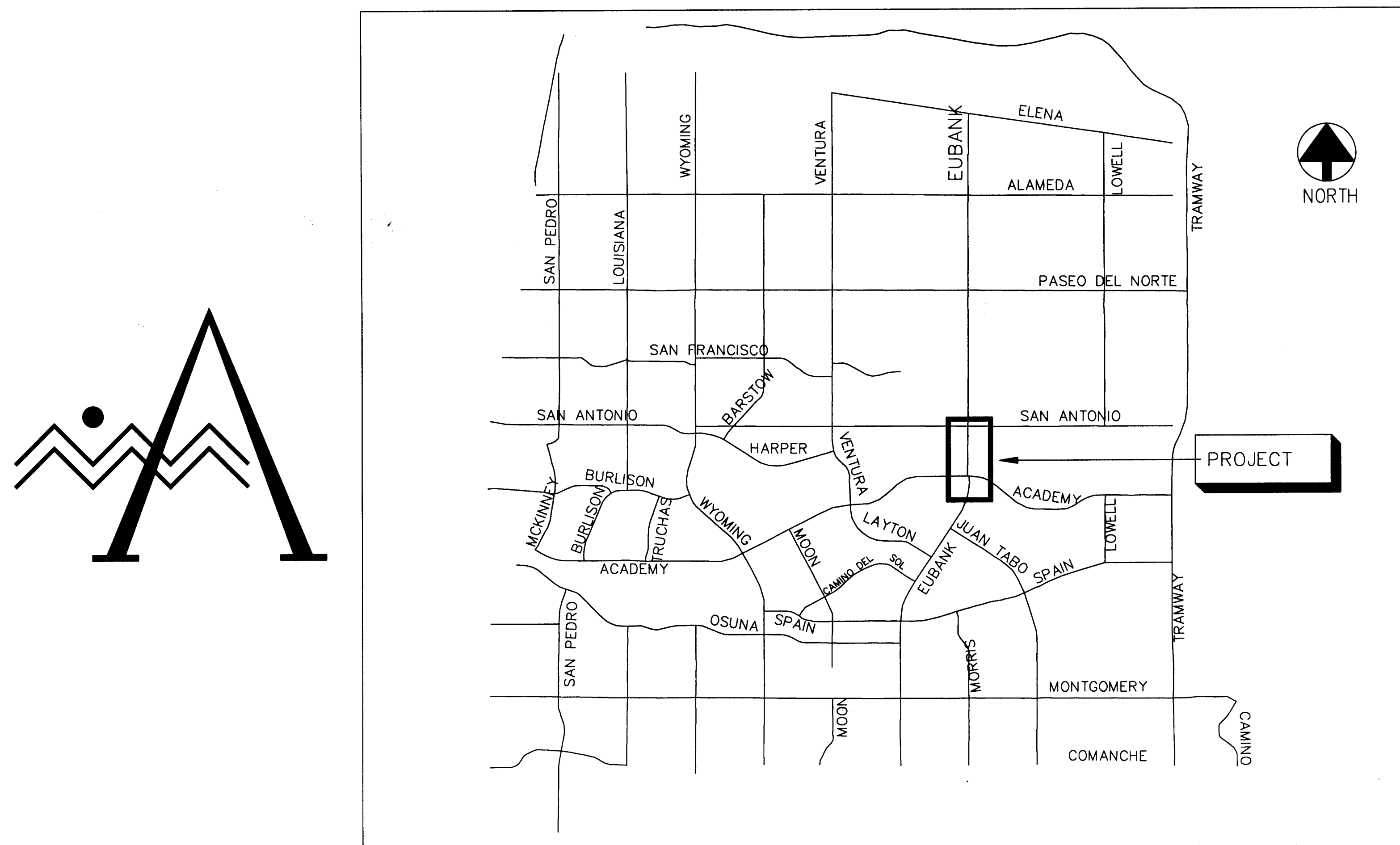
TRANSPORTATION DEVELOPMENT DIVISION

CONSTRUCTION PLANS

EUBANK BOULEVARD

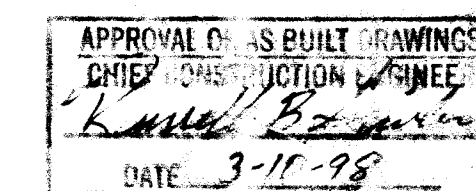
ACADEMY TO SAN ANTONIO

LOCATION MAP - ZONE ATLAS D-20



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RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan 7/31/97
Debra Vaughan, C.E. 11992 Date

26 4405.9098D20

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DVC ENGINEERING
CONSULTING ENGINEER
8212 TORREON NE
ALBUQUERQUE, NEW MEXICO 87109
249-8196, FAX: 828-1215

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE							
APPROVALS		ENGINEER		DATE			
DRC Chairman		<i>Silvia J. Goshen</i>		4-12-96			
Transportation		<i>Debra Vaughan</i>		4-11-96			
Water/Wastewater		<i>Debra Vaughan</i>		4-14-96			
Hydrology		<i>Debra Vaughan</i>		4-15-96			
Parks							
Constr. Mngmt.							
City Project No.				SHEET OF			
4405-90				1 46			

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 AS AMENDED THROUGH UPDATE #6.

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

8. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS FOR THE REPAIR OF ANY AND ALL DAMAGE TO THE WORK, INCLUDING, EXISTING OR NEW, NOT SPECIFICALLY DESIGNATED FOR REMOVAL OR RECONSTRUCTION, AS MAY BE CAUSED BY HIS OPERATIONS. ALL COSTS FOR SUCH REPAIR SHALL BE AT CONTRACTOR'S EXPENSE WITHOUT CHANGE IN CONTRACT PRICE.

10. RETURN ALL SALVAGEABLE MATERIAL, SUCH AS TRAFFIC SIGNS, LIGHTING STANDARDS, AND THE LIKE TO THE CITY OF ALBUQUERQUE PINO YARDS, 5501 PINO ROAD NE. CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL OF ALL SALVAGEABLE ITEMS. IF ITEMS ARE DAMAGED DURING REMOVAL OR TRANSPORT, CONTRACTOR SHALL REPLACE ITEMS AT NO ADDITIONAL COST TO THE CITY. CALL TRAFFIC ENGINEERING (857-8000) TWO (2) WORKING DAYS PRIOR TO TRANSPORTING SALVAGEABLE MATERIAL.

12. EXISTING STREET LIGHTING TO REMAIN OPERATIONAL UNTIL NEW LIGHTS ARE IN PLACE AND OPERATIONAL..

14. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS GOVERNING CONSTRUCTION SAFETY AND HEALTH.

16. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND MAINTAIN ALL EXISTING UTILITIES.

18. THE CONTRACTOR SHALL BE REQUIRED TO CONFINED ITS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY OR EASEMENTS PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL AT ALL TIMES TRY TO MINIMIZE THE DISTURBANCE TO EXISTING VEGE

20. ALL TRENCHES AND EXCAVATION SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED ACCORDING TO OSHA CONSTRUCTION SAFETY AND HEALTH STANDARDS. JOB SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

22. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING HOMES AT ALL TIMES.

24. REMOVAL AND DISPOSAL OF CONCRETE COLLARS AND OTHER APPURTAINANCES AROUND EXISTING MANHOLES AND VALVE COVERS SHALL BE INCIDENTAL TO ADJUSTING TO FINAL GRADE.

25. FOR PURPOSES OF THE PROJECT THE TERM ENGINEER SHALL REFER TO THE ENGINEER RESPONSIBLE FOR CONSTRUCTION INSPECTION OF THE PROJECT.

27. CONTRACTOR SHALL SUBMIT A PLAN FOR TEMPORARY PROTECTION OF PRIOR TO NOTICE TO PROCEED.

28. JONES INTERCABLE TO INSTALL 4" CONDUIT ON WEST SIDE OF PROJECT
CONTRACTOR TO COORDINATE INSTALLATION WITH JONES INTERCABLE.
CONTACT RITA BANNER 761-6215

1. ALL FITTINGS SHALL HAVE RESTRAINED JOINTS. RESTRAINED JOINTS SHALL ALSO BE PROVIDED AS SPECIFIED IN THE PLANS.

3. THE CONTRACTOR SHALL KEEP OR DISPOSE OF ALL REMOVED WATERLINE FITTINGS. COST IS INCIDENTAL TO PROJECT.

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE. THIS MAY BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE CONSTRUCTION LIMITS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

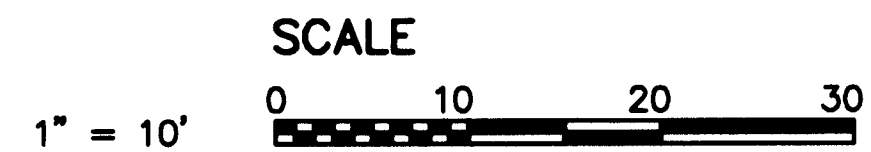
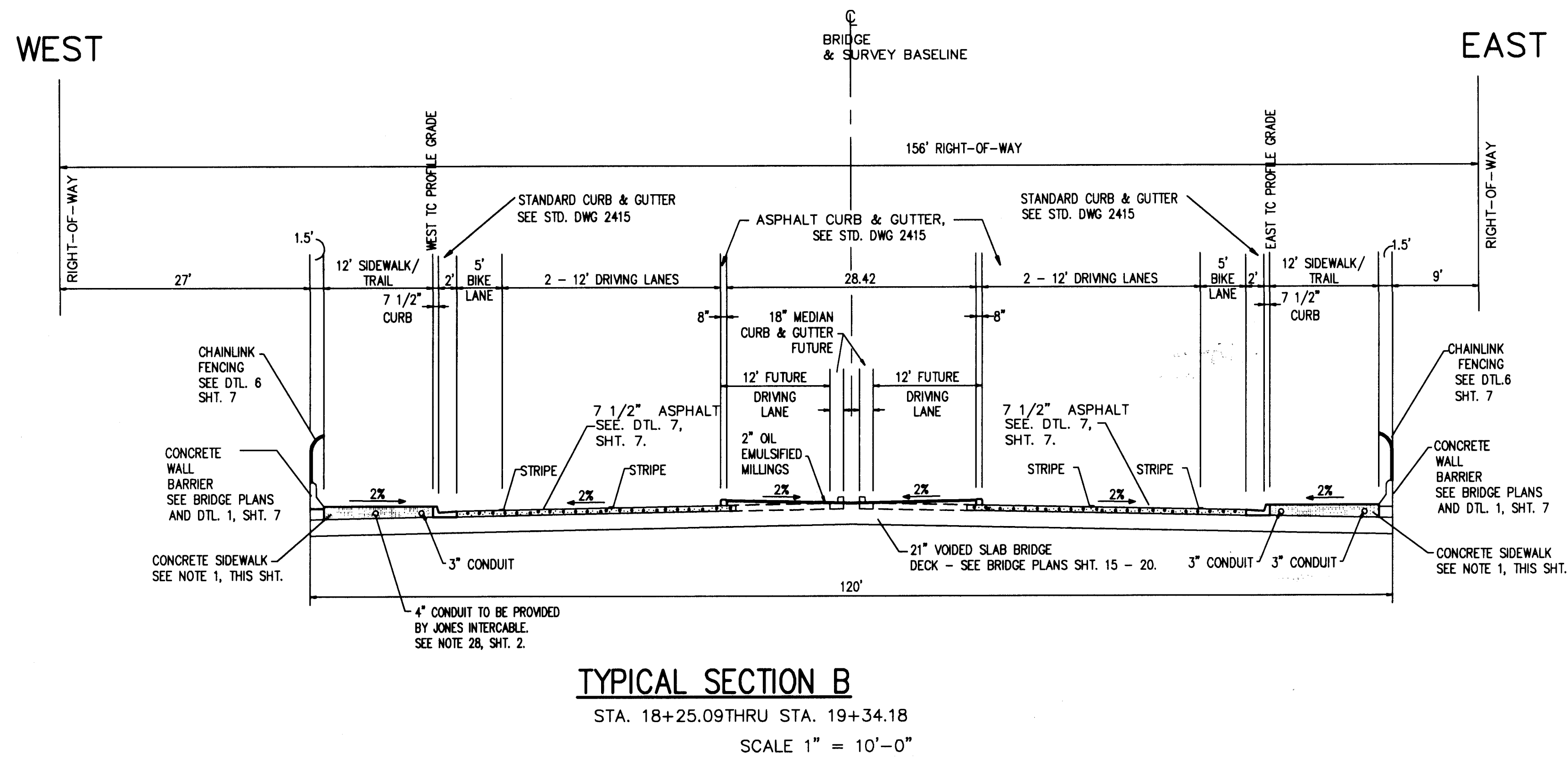
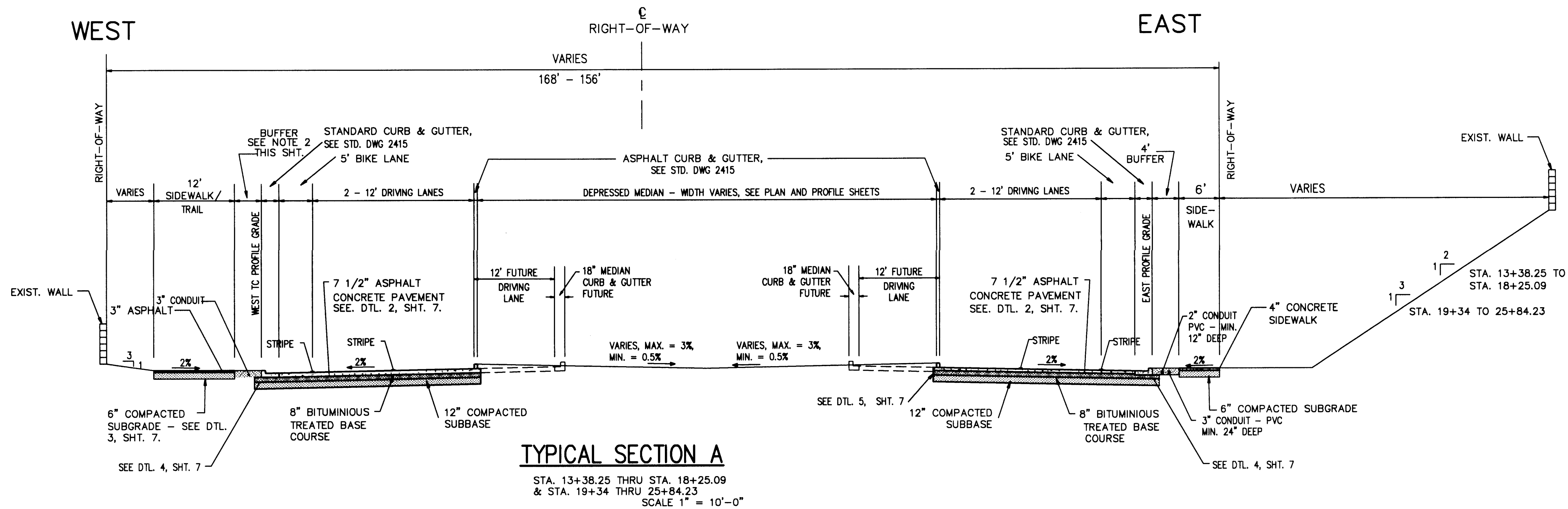
3. ALL GRADING WITHIN THE PINO ARROYO SHALL PROVIDE FOR EROSION CONTROL AND THE SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING CONSTRUCTION PHASE.

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF WATER SHUTOFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF PROJECT.

2. AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEM DIVISION (857-8200) TO INITIATE IMPROVEMENTS OF ANY WATER SHUTOFFS AS NECESSARY.

1. THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, SITE SURVEY, DISCUSSIONS WITH LOCAL UTILITIES, ENGINEERING OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS PROVIDED TO OR OBTAINED BY THE ENGINEER. IT IS POSSIBLE THAT THE EXACT LOCATION OF THE LINES IN THE IMMEDIATE VICINITY OF THE PROJECT MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THE CONTRACTOR. WHERE ALL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL REQUEST THAT THE ENGINEER MAKE A RULING AS TO ANY NECESSARY CHANGES, MATERIALS, REROUTING, ABANDONING OR RELOCATING OF SUCH LINES. GAS, WATER, COMPANY, PNM, US WEST AND/OR CABLE TV SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF THEIR EXISTING LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED TO CLEAR CONSTRUCTION (IF ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THE CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE AND IDENTIFY ALL UTILITIES PRIOR TO CONSTRUCTION. ALL EXISTING PIPING SHALL HAVE A MINIMUM EARTH COVERAGE AND DEPTHS SHALL BE ADJUSTED AS NECESSARY TO PROVIDE MINIMUM COVERAGE DUE TO NEW GRADES OR CONSTRUCTION.

SCANNED BY
BY LASON



NOTES:

1. PROVIDE CONCRETE SIDEWALK AS SHOWN. CONCRETE DEPTH VARIES FROM 14" TO 17" OVER BRIDGE ONLY. RESUME TYPICAL 4" SIDEWALK EITHER SIDE OF BRIDGE.
2. BUFFER IS 4' FROM STA. 13+38.25 THRU STA. 18+25.09 AND VARIES FROM STA. 19+34 THRU STA. 25+84.23

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE			FIELD NOTES	DATE		
STAKED BY	DATE			BY	DATE		
INSPECTED BY	DATE			REX VOLGER			
VERIFICATION BY	DATE			NO.			
DRAWINGS BY	DATE						
MICRO-FILM INFORMATION	DATE						
RECORDED BY	DATE						
NO.							

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSH Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff, P.E. 11992
 Date 7/31/97

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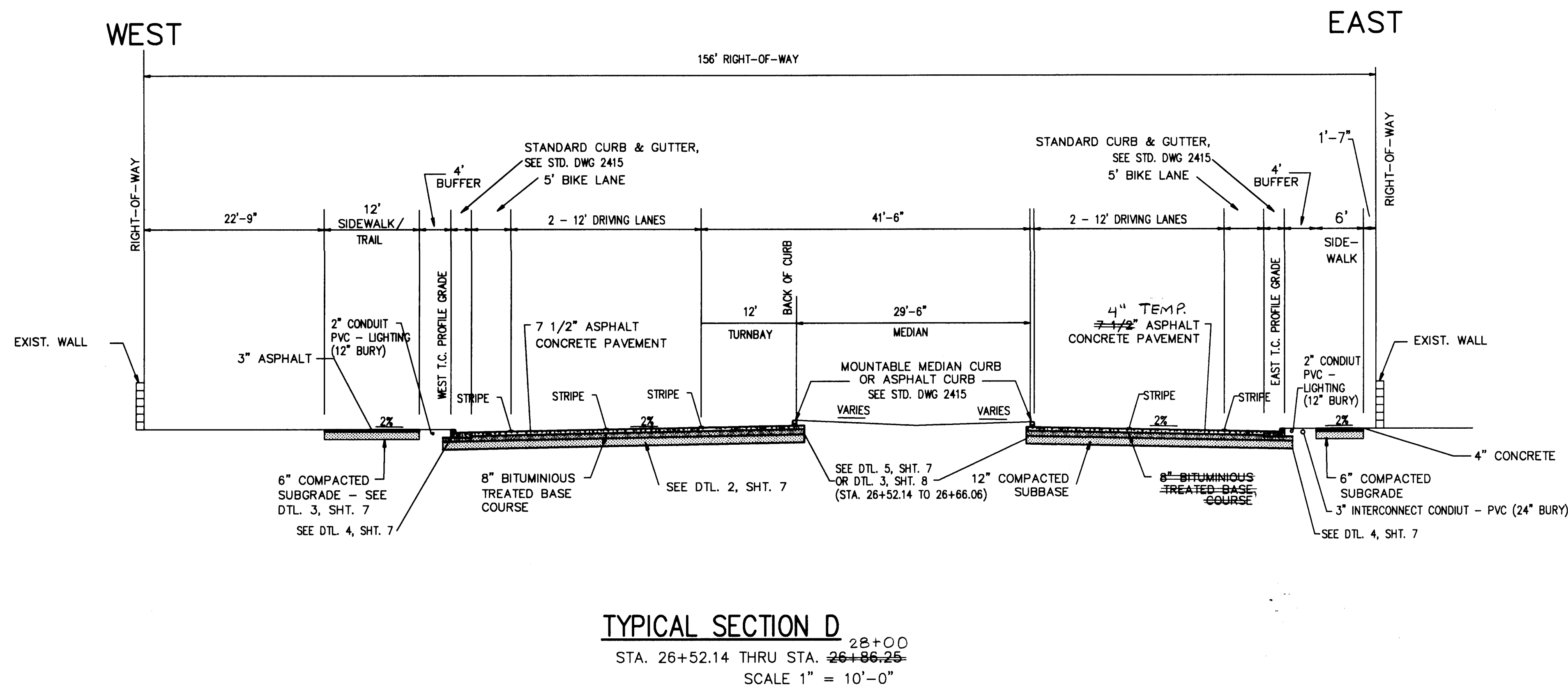
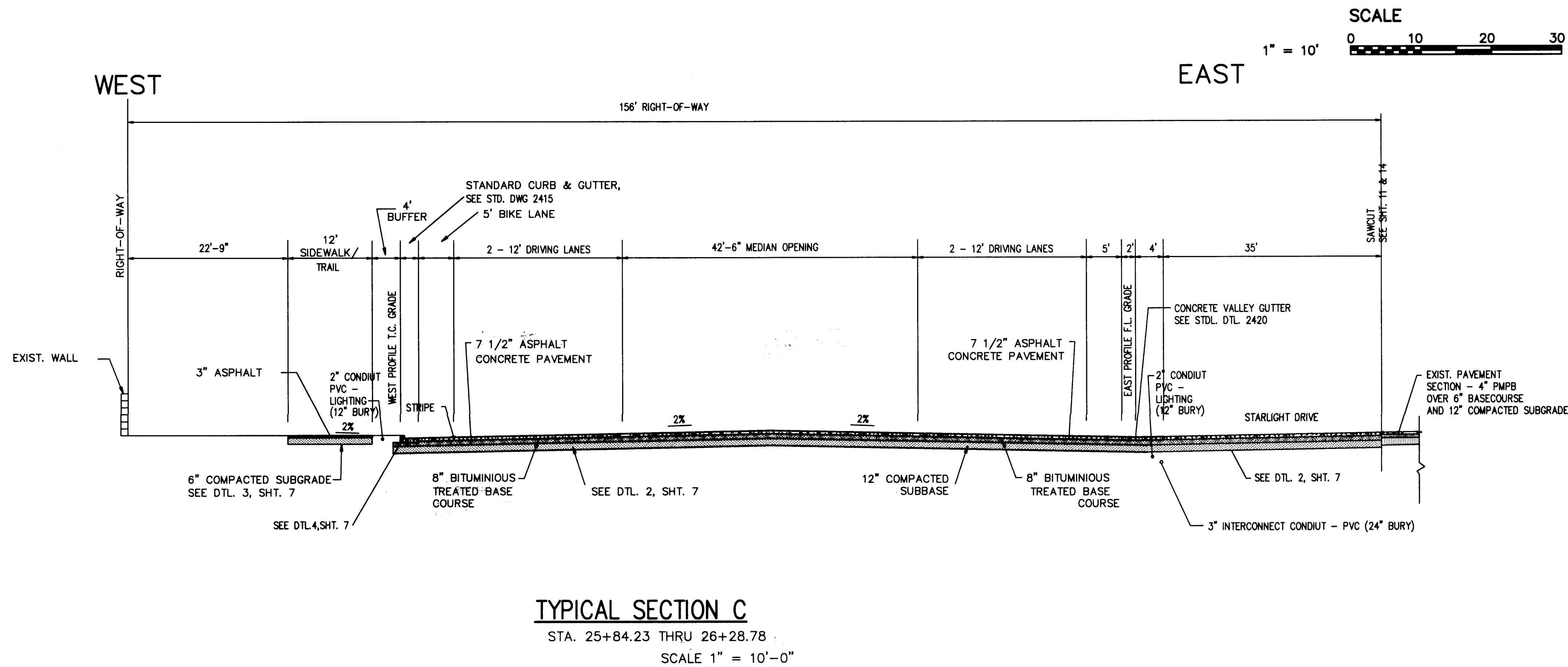
CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 TRANSPORTATION DEVELOPMENT DIVISION

TITLE: TYPICAL SECTIONS
 EUBANK

City Project No.	Zone Map No.	Last Design Update	
		Mo./Day/Yr.	Mo./Day/Yr.
4405-90	D-20		
Sheet 3	Of 46		

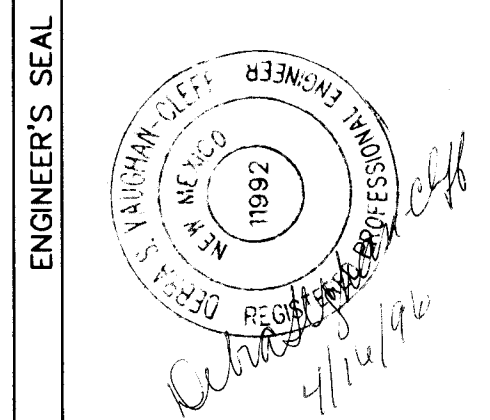
SCALE 1" = 50'

SCANNED BY
 BY LASON



NOTES:

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES	
CONTRACTOR		DATE		DATE		BY	
INSPECTED BY		DATE		REX VOLGER			
VERIFICATION BY		DATE					
DRAWINGS BY		DATE					
MICRO-FILM INFORMATION		DATE					
RECORDED BY		DATE					
NO.							



RECORD DRAWING

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Debra Vaughan-Cleff, P.E.
 7/3/97
 Date

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REMARKS	BY
DESIGN	
REVISIONS	
DESIGN	
DESIGNED BY	Debra Vaughan-Cleff, PE
DRAWN BY	
CHECKED BY	

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 TRANSPORTATION DEVELOPMENT DIVISION

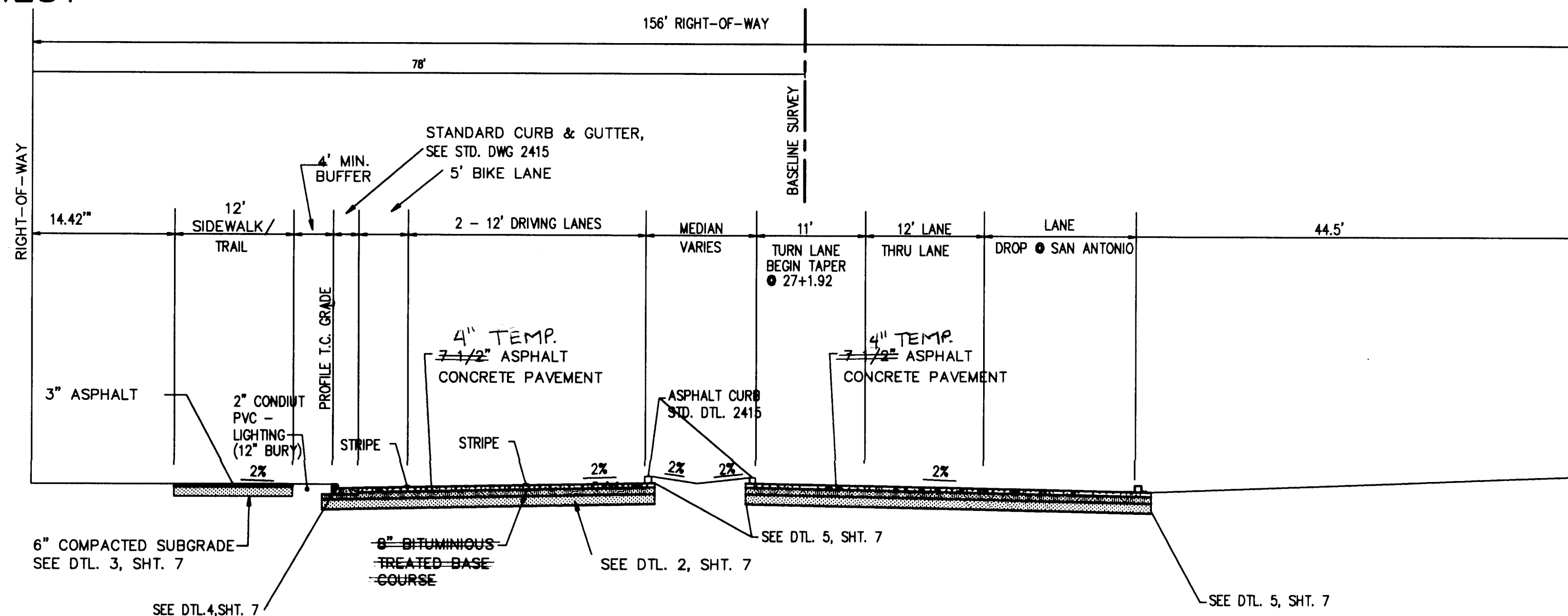
TITLE: **TYPICAL SECTIONS
 EUBANK**

Last Design Update		No./Day/Yr.	No./Day/Yr.
City Project No.	4405-90	Zone Map No.	D-20
Sheet	4	Of	46

WEST

EAST

1" = 10'

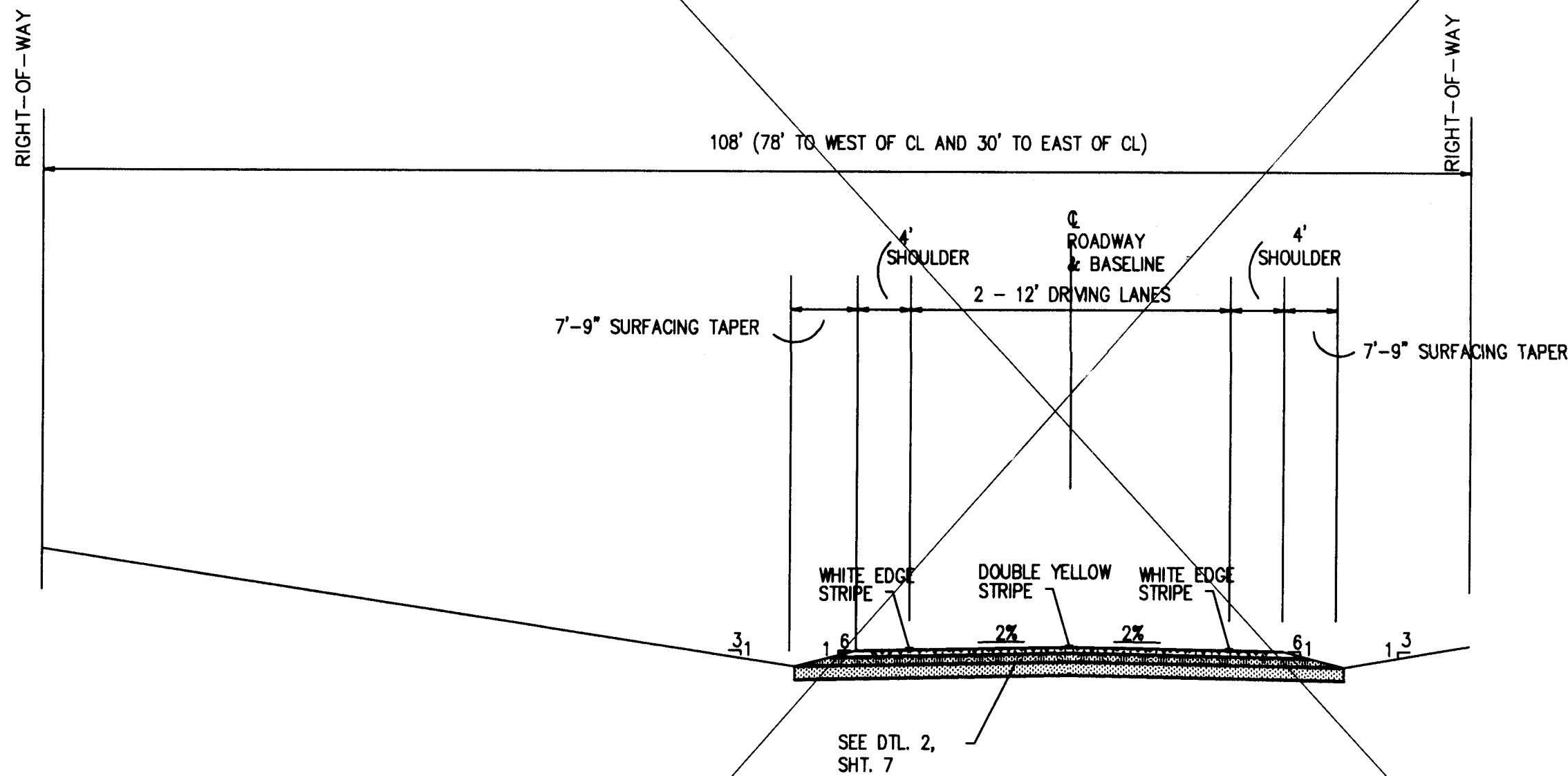


TYPICAL SECTION E

STA. 28+00 TO 28+65
SCALE 1" = 10'-0"

WEST

EAST

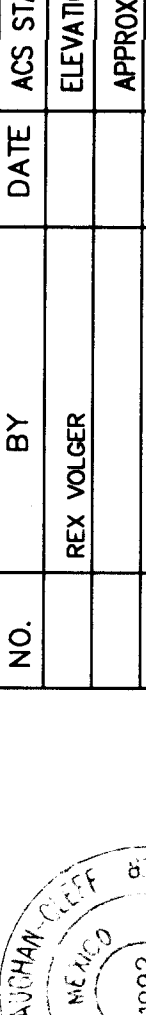


TYPICAL SECTION

STA. 31+00 TO 31+86.43
SCALE 1" = 10'-0"

SECTION
NOT USED

NOTES:

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		ACS STATION 8-21 ELEVATION 5702.26 APPROX. 375' WEST OF EUBANK ON ACADUELY - NORTH CURB LINE		CONTRACTOR	
		NO.	BY			DATE	DATE
			REX VOLGER				DATE
							DATE
REVISIONS						DRAWINGS BY	
DESIGN						MICRO-FILM INFORMATION	
Designed By		Debra Vaughan-Cleff, PE				RECORDED BY	
Drawn By						DATE	
Checked By						NO.	

RECORD DRAWING

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11982
Debra Vaughan-Cleff, P.E. 11/10/96

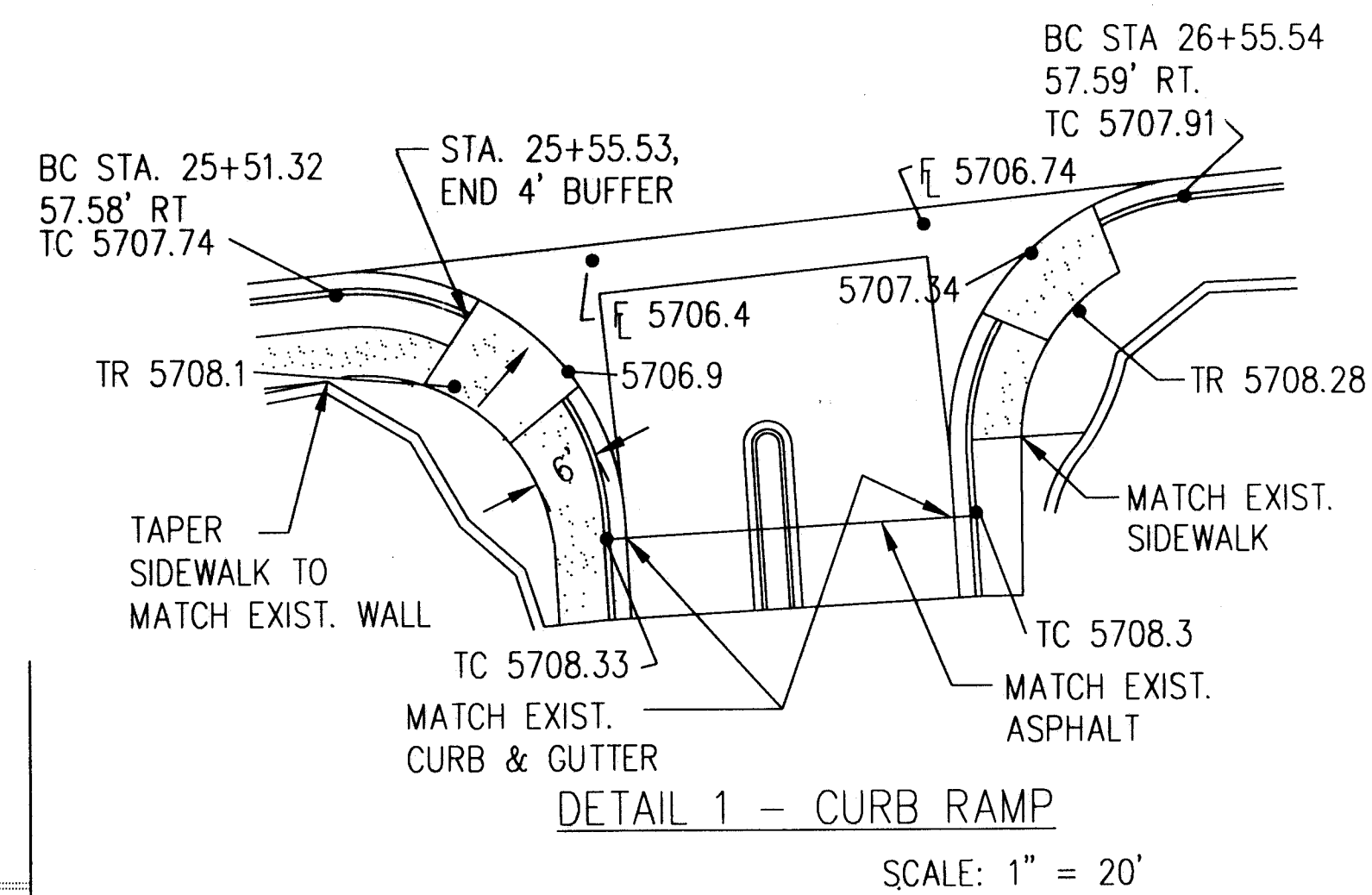
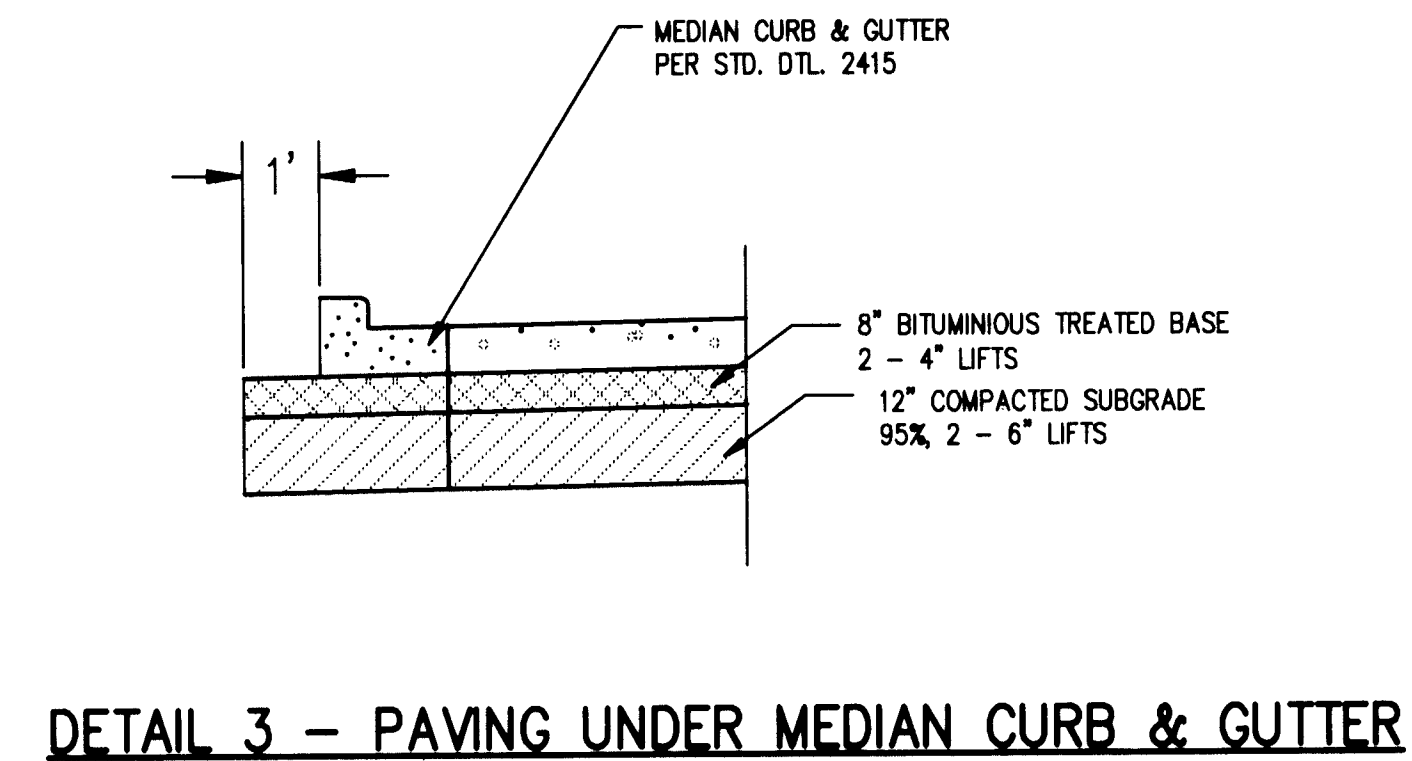
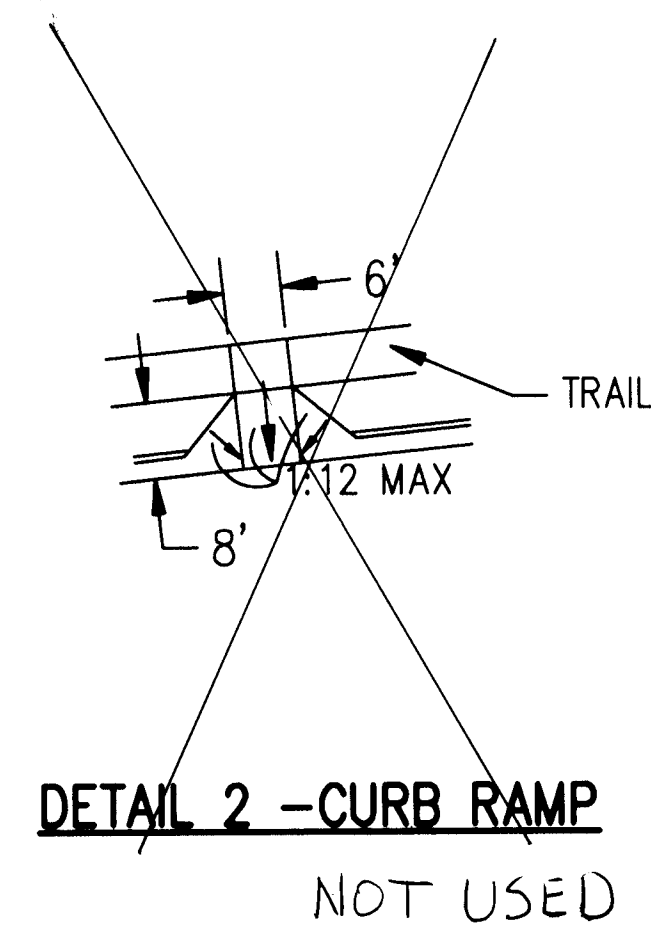
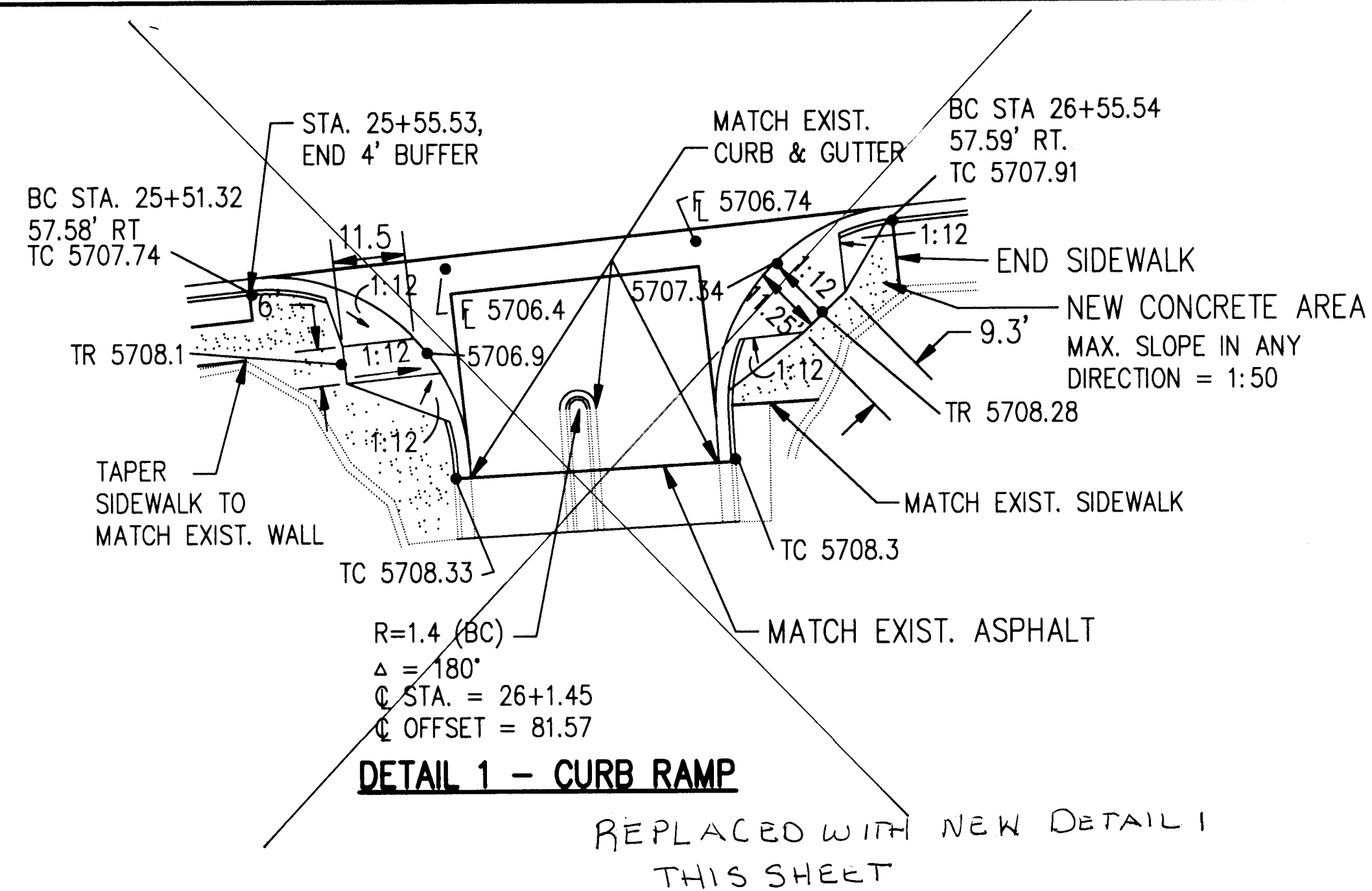
7/15/97
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: **TYPICAL SECTIONS
EUBANK**

	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
4405-90	D-20	5	46



EUBANK BLVD.

ACADEMY

DETAIL 4 - CONCRETE PAVEMENT REPLACEMENT & JOINT LOCATION

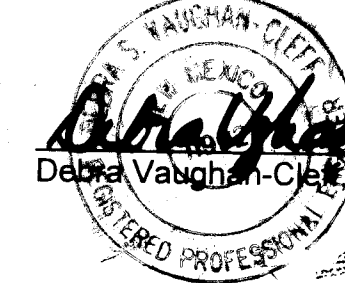
- JOINT TYPE - COA STD. DTL. 2450 & 2451
- 1 - SAWED JOINT
 - 2 - DOWELED JOINT
 - 3 - KEYED JOINT
 - 3* - KEYED JOINT - SEE NOTE 1
 - 4 - TIED JOINT
 - 5 - EXPANSION JOINT
 - 6 - TRANSITION JOINT

NOTES:

1. PROVIDE TYPE 3 JOINT ABUTING C&G
PROVIDE PREFORMED JOINT FILLER FOR
FULL DEPTH OF PCCP

RECORD DRAWING

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7/1/07
Date

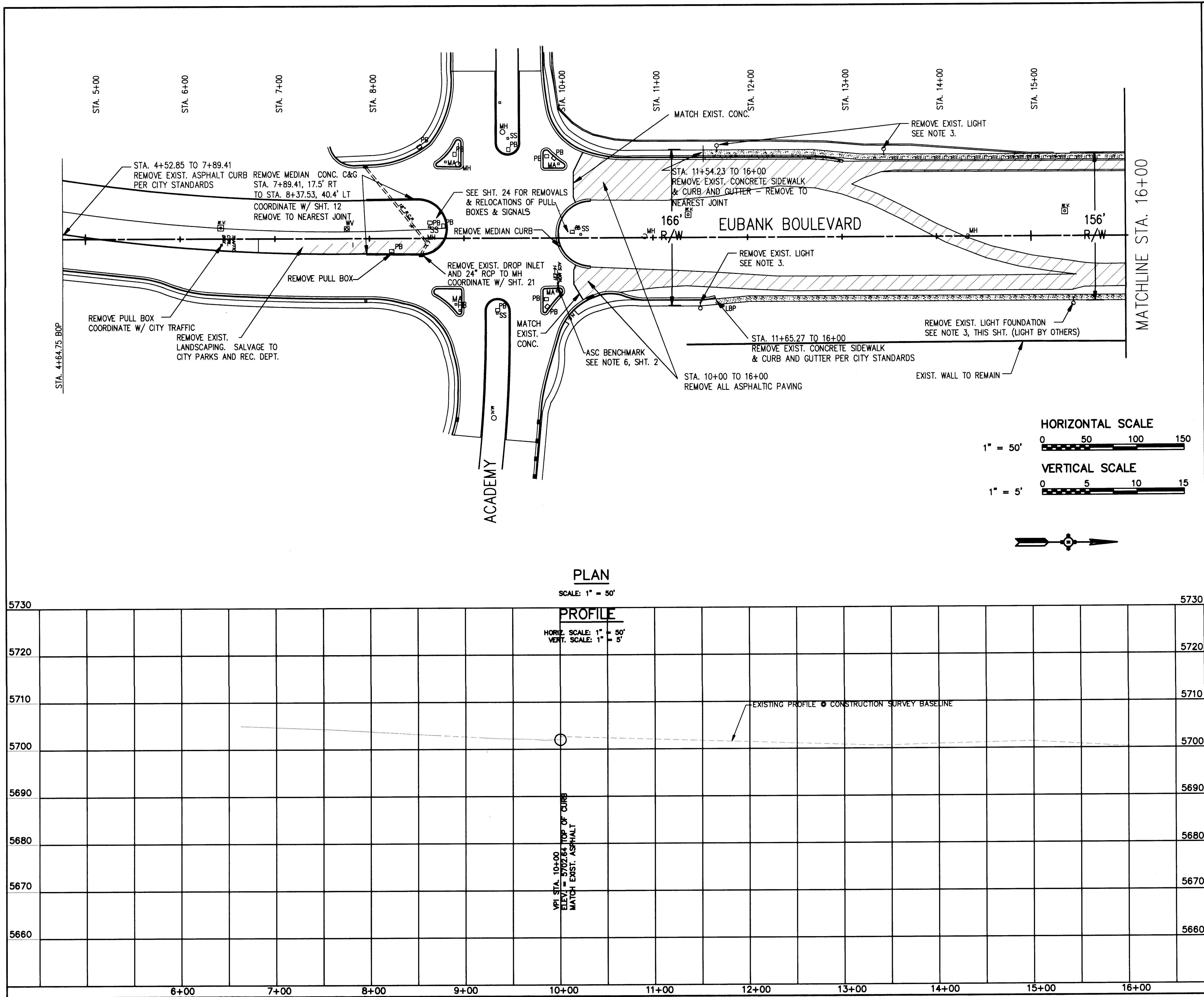
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File:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: MISC. DETAILS

B.G.B. 4-12-96	Last Design Update	Ms./Day/Yr.	Ms./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
4405-90	D-20	8	46



NOTES:

- COORDINATE REMOVALS WITH TRAFFIC CONTROL PLANS - SHT. 34-46
- ALL EXISTING WALLS ARE TO REMAIN.
- CONTRACTOR TO REMOVE EXIST. LIGHT BASE CONDUIT, PULL BOXES, ETC. LIGHT POLE AND APPURTENANCES TO BE REMOVED BY OTHERS. SEE GENERAL NOTES 12 & 15, SHEET 2. ALSO SEE SHTS. 29 & 30 FOR LIGHTING

RECORD DRAWING

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Debra Vaughan-Cleff, P.E. 7/17/92
Debra Vaughan-Cleff, P.E. 11992
Date

LEGEND

- EXIST. SIDEWALK TO BE REMOVED
- EXIST. PAVEMENT TO BE REMOVED
- EXIST. CURB AND GUTTER
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- EXIST. MASTARM
- EXIST. LIGHTING PULL BOX
- EXIST. SIGNAL PULL BOX
- EXIST. SIGNAL STANDARD
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT

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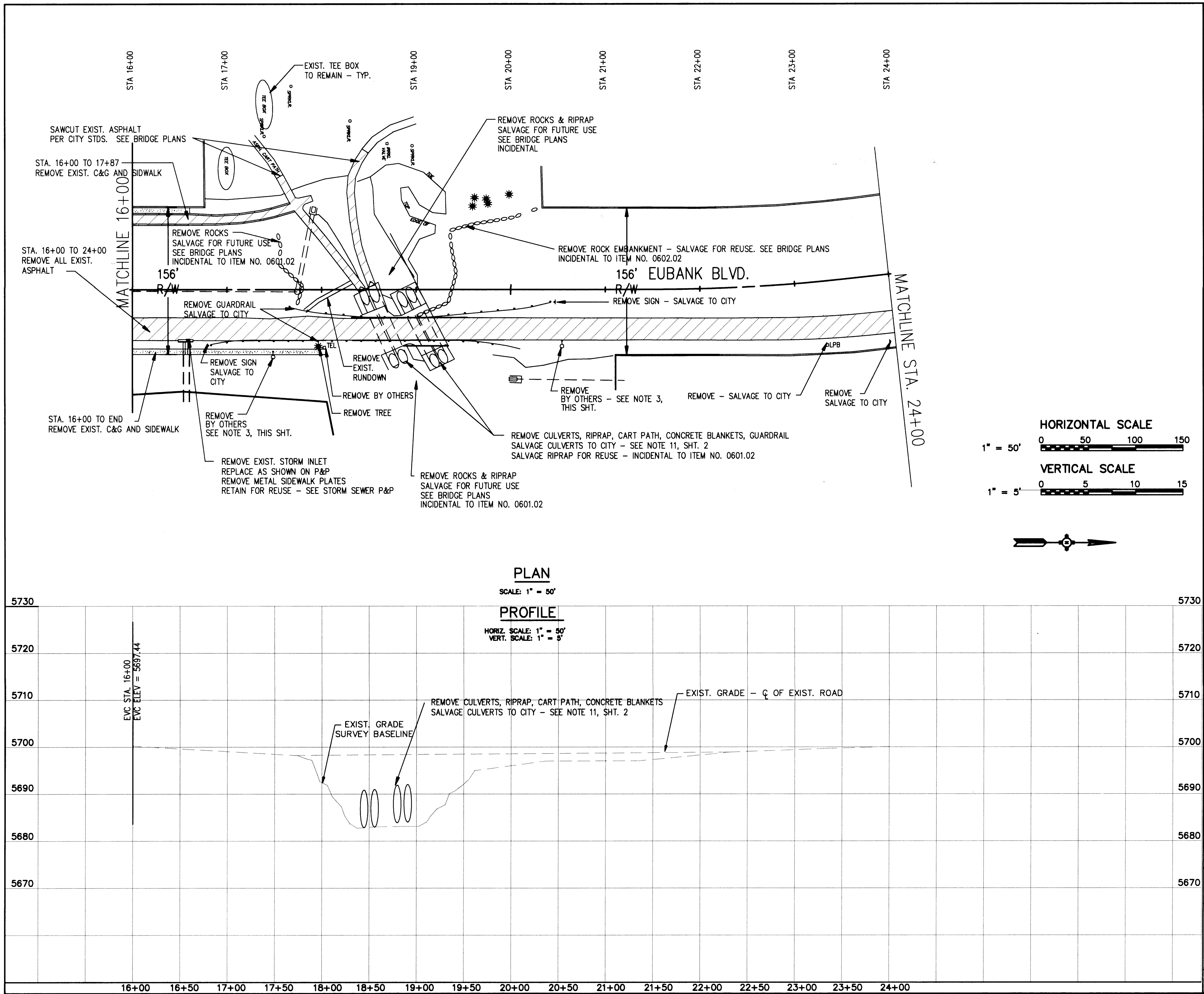
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK REMOVAL PLAN & PROFILE
STA. 6+00 TO 16+00

City Project No.	Zone Map No.	Sheet	Of
4405-90	D-20	9	46

SCANNED BY
RY LASON



NOTES:

- COORDINATE REMOVALS WITH TRAFFIC CONTROL PLANS - SHT. 34-46
- ALL EXISTING WALLS ARE TO REMAIN.
- CONTRACTOR TO REMOVE EXIST. LIGHT BASE CONDUIT, PULL BOXES, ETC. LIGHT POLE AND APPURTENANCES TO BE REMOVED BY OTHERS. SEE GENERAL NOTES 12 & 15, SHEET 2. ALSO SEE SHTS. 29 & 30 FOR LIGHTING

RECORD DRAWING

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Date: 7/2/92

LEGEND

- EXIST. SIDEWALK TO BE REMOVED
- EXIST. PAVEMENT TO BE REMOVED
- EXIST. CURB AND GUTTER
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- EXIST. MASTARM
- EXIST. LIGHTING PULL BOX
- EXIST. SIGNAL PULL BOX
- EXIST. SIGNAL STANDARD
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT

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File: ED-PP2

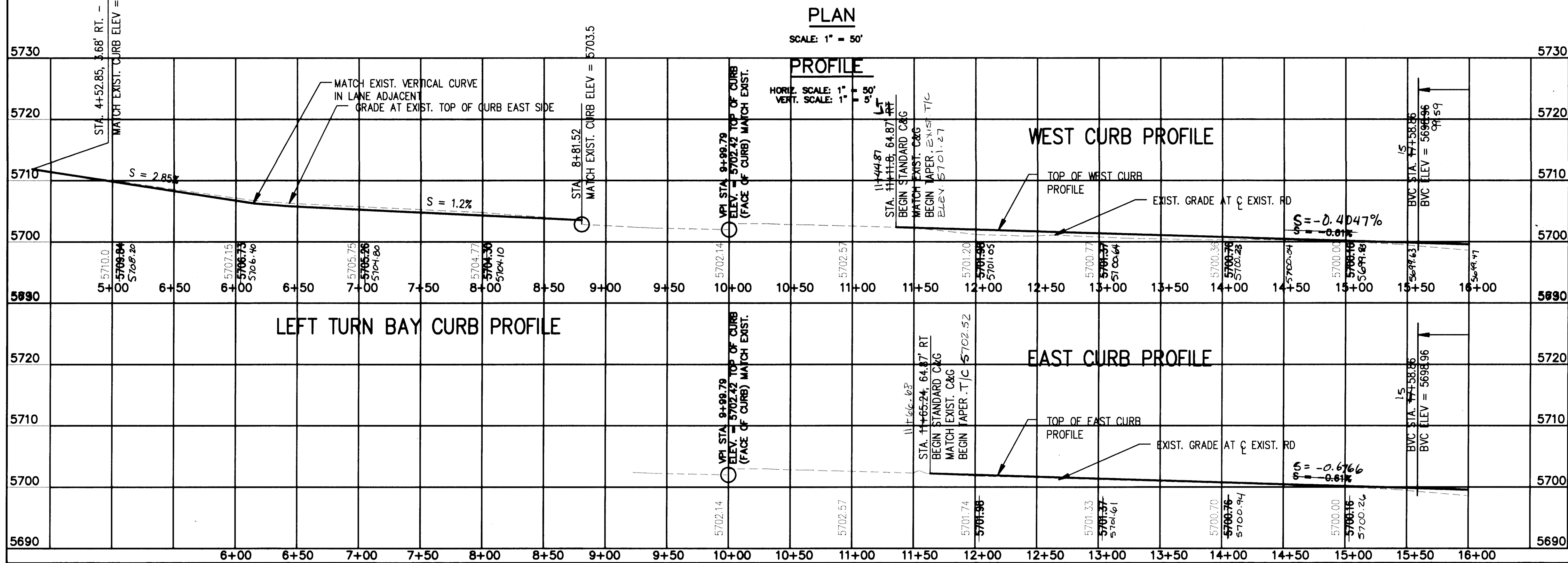
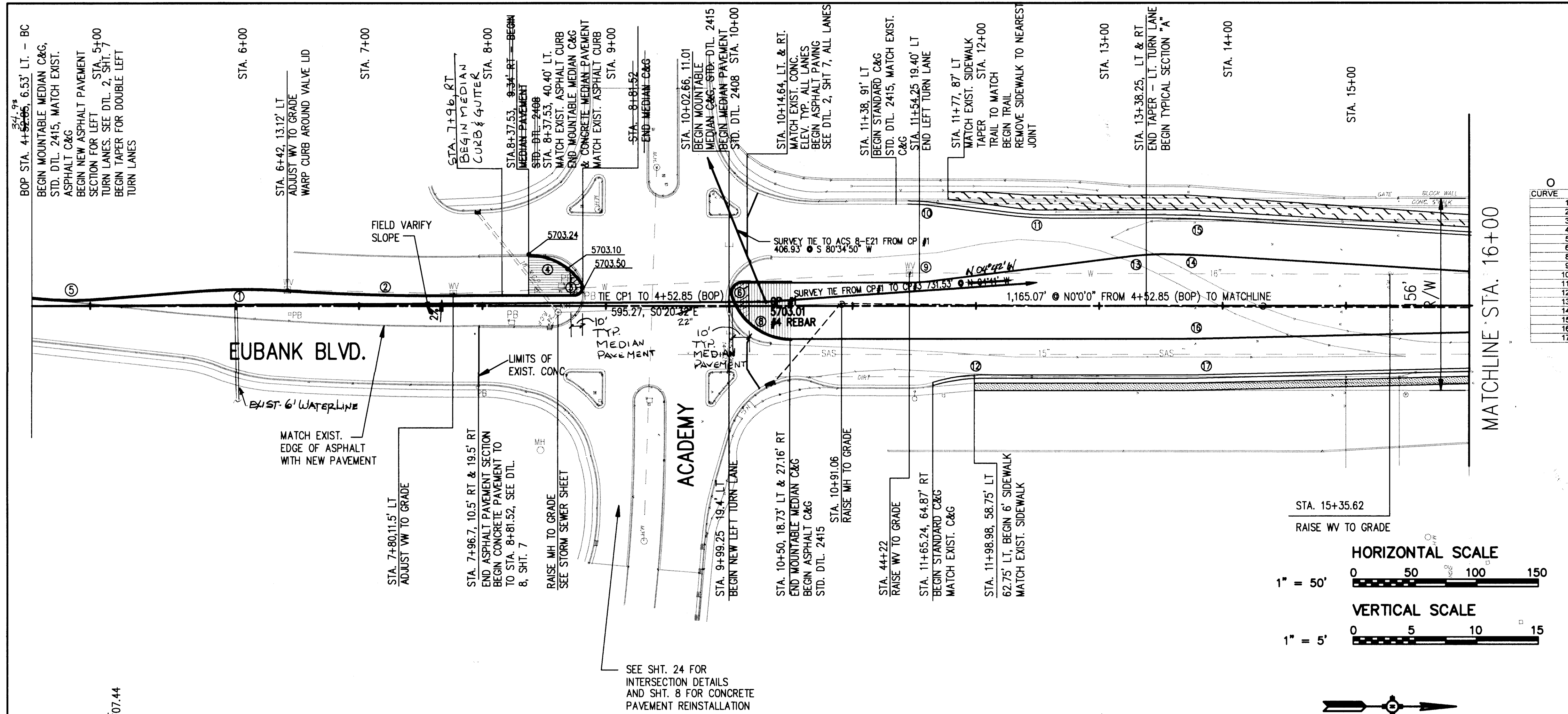
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: **EUBANK REMOVAL PLAN & PROFILE**
STA. 16+00 TO 24+00

No.	Date	REVISIONS	DESIGN

Designed By: Debra Vaughan-Cleff, PE
Drawn By: ROW
Checked By: DVC/REV

City Project No. 4405-90 Zone Map No. D-20 Sheet 10 of 46



NOTES:

CURVE TABLE

CURVE	P.I. STA.	OFFSET	R (ft)	A (ft)	L (ft)	T (ft)	LOCATION
1	6+4.35	14.91 LT	500	8.36	72.95	36.54 BC	
2	7+18.81	9.34 LT	1932.86	4.63	156.19	78.14 BC	
3	8+96.85	8.71 LT	6	142.62	14.93	17.74 BC	
4	8+54.12	40.63 LT	50	55.98	46.85	26.57 BC	
5	4+81.88	4.13 LT	300	10.73	56.18	28.17 BC	
6	9+99.71	18.73 LT	8	101.71	14.20	9.83 BC	
7	10+14.15	26.50 RT	50	72.29	63.08	36.52 BC	
8	11+54.29	18.73 LT	150	7.13	18.87	9.35 BC	
9	11+54.29	85.39 LT	150	7.19	18.82	9.42 BC	
10	12+43.97	73.98 LT	300	7.25	37.96	19.01 BC	
11	13+35.26	41.35 LT	300	5.98	31.21	15.62 BC	
12	13+35.26	41.35 LT	300	5.98	31.21	15.62 BC	
13	13+35.26	41.35 LT	300	5.98	31.21	15.62 BC	
14	13+75.98	41.39 LT	1000	2.87	50.09	25.05 BC	
15	13+75.98	41.39 LT	1000	2.87	50.09	25.05 BC	
16	13+77.55	26.50 RT	1000	1.34	23.39	11.69 BC	
17	13+78.3	58.8 RT	1032.3	1.34	23.39	11.69 BC	

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

7/31/97
Date

- LEGEND
- NEW 6' SIDEWALK
 - NEW 12' TRAIL
 - NEW MOUNTABLE MEDIAN CURB & GUTTER, STD. DTL. 2415
 - NEW STANDARD CURB & GUTTER - STD. DTL. 2415
 - NEW ASPHALT CURB STD. DT. 2415
 - EXIST. STORM DRAIN (TYPE/SIZE)
 - EXIST. IRRIGATION LINE
 - EXIST. GAS LINE
 - EXIST. SANITARY SEWER/SIZE
 - EXIST. WATER LINE/SIZE
 - EXIST. TELEPHONE PEDESTAL
 - EXIST. TELEPHONE PEDESTAL
 - EXIST. GUARD RAIL
 - EXIST. DROP INLET
 - EXIST. BOULDERS
 - EXIST. MANHOLE
 - EXIST. SLUMP BLOCK WALL
 - EXIST. TREE
 - EXIST. LIGHTING PULL BOX
 - EXIST. WATER VALVE
 - EXIST. TRAFFIC SIGN
 - EXIST. LIGHT

DVC
DVC
DVC
DVC

Debra Vaughan-Cleff, P.E.
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6212 Torron NE
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File: ED-PP1

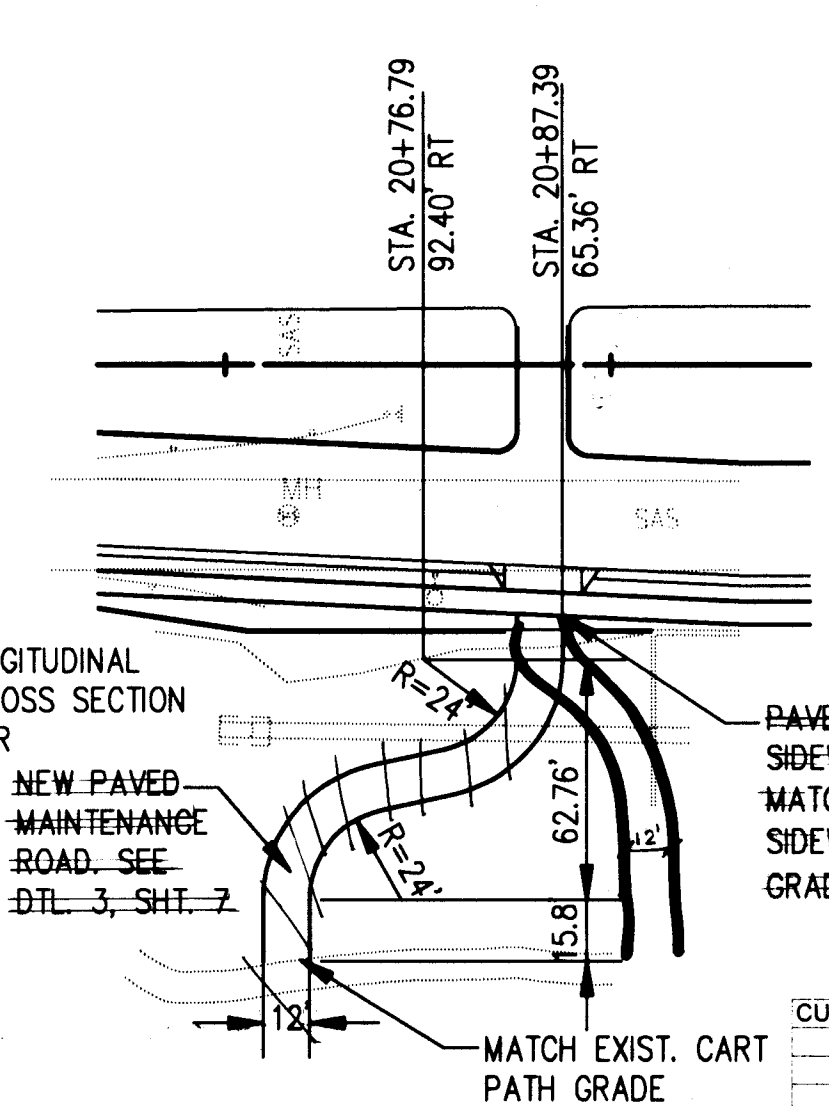
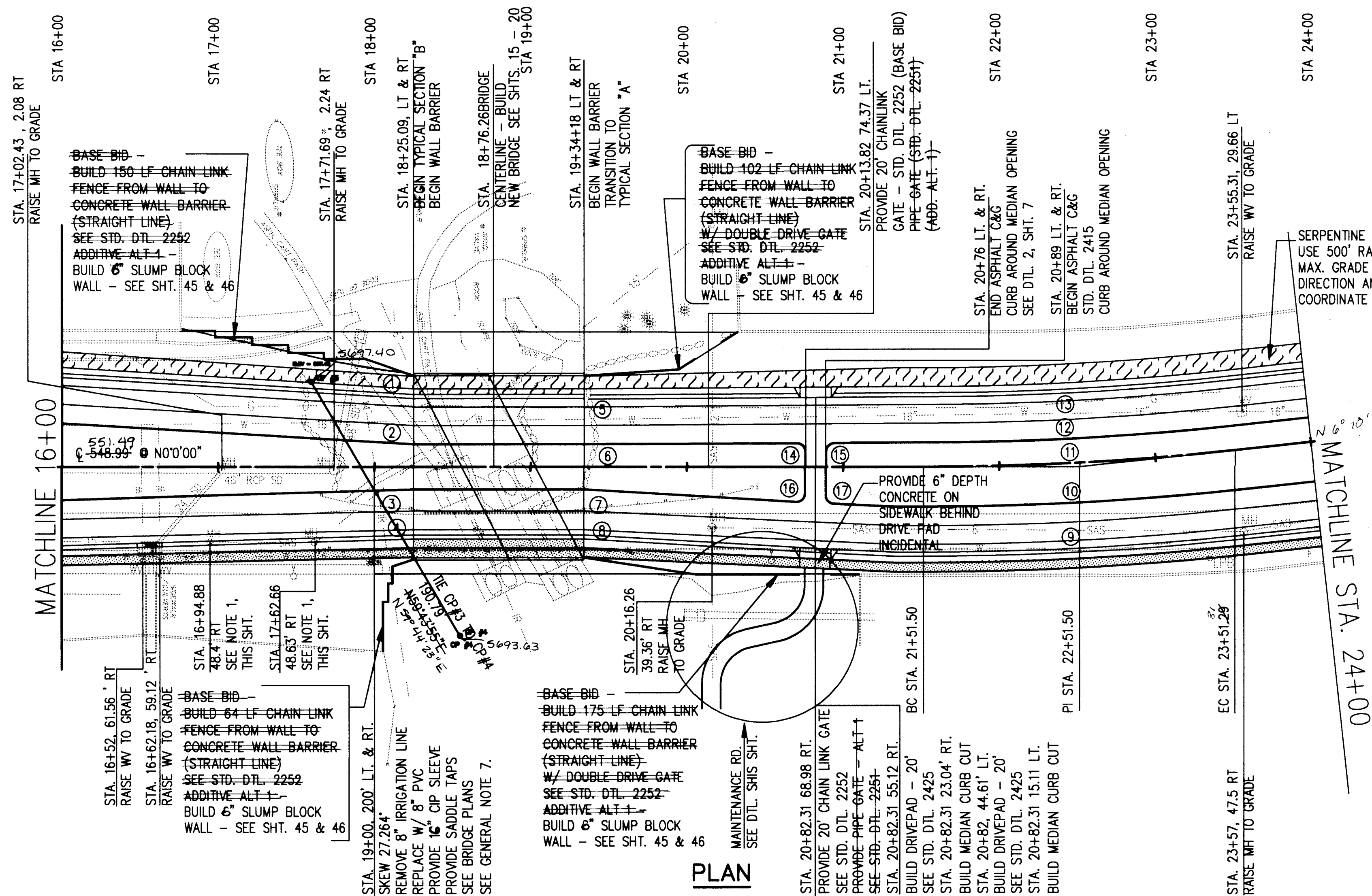
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK ROADWAY PLAN & PROFILE
STA. 6+00 TO 16+00

City Project No. 4405-90 Zone Map No. D-20 Sheet 12 Of 46

Designed By Debra Vaughan-Cleff, PE
Checked By

REVISIONS
No. Date
1 4-12-96



NOTES:

1. RECONSTRUCT EXIST. MH FROM CONE TO RIM. REMOVE EXIST. CONE. INSTALL NEW ESSENTIC CONE. ROTATE CONE SO MH LID IS IN GUTTER-PAN. REMOVE EXIST. STEPS AND RECONSTRUCT STEPS. SEE STD. DTL. 2102

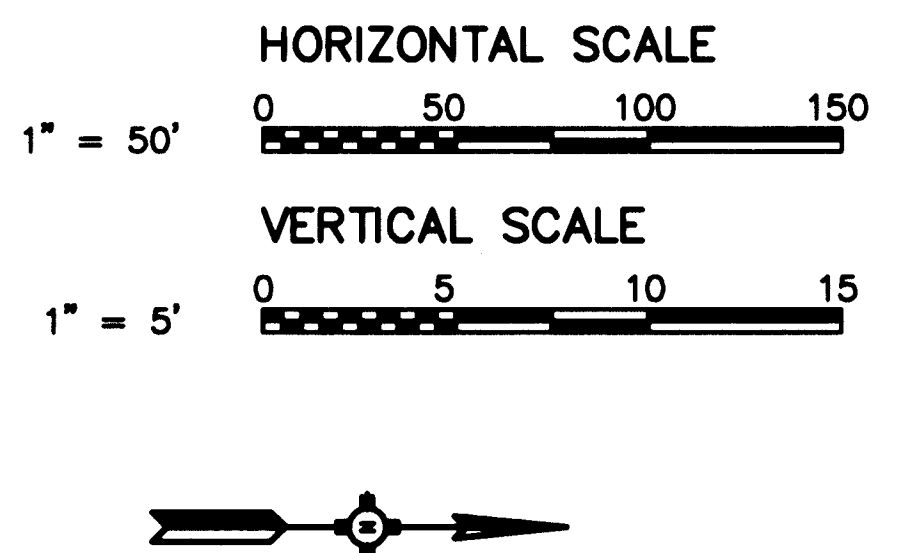
RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cloft 7/1/97
Debra Vaughan-Cloft, P.E. Date

CURVE TABLE

CURVE	P.I. STA.	OFFSET	R (ft)	A (ft)	T (ft)	LOCATION
1	16+25.08	46.08 LT	1000	3.5113	61.28	30.65 BC
2	18+25.08	13.83 LT	1032.25	3.5113	63.26	31.64 BC
3	18+25.08	15.83 RT	1032.25	3.5113	24.21	12.10 BC
4	18+25.08	48.08 RT	1000	3.5113	23.45	11.73 BC
5	19+34.18	48.08 LT	1000	0.4297	7.50	3.75 BC
6	19+34.18	13.83 LT	1032.25	0.4297	7.74	3.87 BC
7	19+34.18	15.83 RT	1032.25	2.7195	48.98	24.50 BC
8	19+34.18	48.08 RT	1000	2.7195	47.46	23.74 BC
9	21+51.50	60.27 RT	1913.74	6.1676	206.00	103.10 BC
10	21+51.50	28.03 RT	1881.49	6.1676	202.53	101.36 BC
11	21+51.50	2.69 RT	1856.16	6.1676	199.80	100.00 CL
12	21+51.50	13.51 LT	1840.83	6.1676	198.15	99.17 BC
13	21+51.50	45.82 LT	1808.58	6.1676	194.88	97.44 BC
14	20+75.31	14.89 LT	5	90.4297	7.89	5.04 BC
15	20+89.31	14.89 LT	5	89.5703	7.82	4.96 BC
16	20+75.31	22.50 RT	5	92.7195	8.09	5.24 BC
17	20+89.31	23.20 RT	5	87.2805	7.62	4.77 BC



LEGEND

- NEW SIDEWALK
- NEW TRAIL
- NEW STANDARD CURB AND GUTTER. STD. DTL. 2415
- NEW ASPHALT CURB STD. DTL. 2415
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. IRRIGATION LINE
- EXIST. GAS LINE
- EXIST. SANITARY SEWER/SIZE
- EXIST. WATER LINE/SIZE
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- EXIST. LIGHTING PULL BOX
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT
- CONTROL POINT

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FILE: ED-PP2

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK ROADWAY PLAN & PROFILE
STA. 16+00 TO 24+00

APPROVED FOR CONSTRUCTION

AMAFCA DATE

City Project No. 4405-90
Zone Map No. D-20
Sheet 13
Of 46

DESIGNED BY Debra Vaughan-Cloft, PE
CHECKED BY

DATE 7/1/97

SCANNED BY JASON

RECORD DRAWING

The improvements shown on this drawing have been prepared in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff, P.E. 11992 Date

NOTES:

CURVE TABLE

CURVE	P.I. STA.	OFFSET	R (ft)	A (ft)	T (ft)	LOCATION
1	25+19.57	15.33 LT	300	19	99.48	50.20 BC
2	26+37.67	25.33 RT	12.5	199	43.41	-74.70 BC
3	25+82.91	56.91 RT	30	92.95	48.67	31.59 FC
4	26+26.87	57.09 RT	30	87.25	45.68	28.59 FC
5	26+41.32	10.77 RT	14.54	180.28	45.75	-596.56 BC
6	27+17.22	24.21 LT	300	12.34	64.61	32.43 BC
7	27+21.14	3.86 LT	150	7.75	20.29	10.16 BC
8	27+56.39	50.59 LT	1899.97	6.49	215.21	107.72 BC
9	27+92.22	15.38 LT	150	10.69	27.99	14.03 BC
10	27+52.2	2.70 LT	1052.39	6.18	113.51	56.81 CL
11	27+93.86	3.03 RT	150	9.15	23.95	12.00 BC
12	29+3.92	14.61 LT	4	170.17	11.88	46.51 BC
13	28+87.18	30.98 RT	30	87.53	45.83	28.73 BC
14	29+19.19	16.67 RT	25	90	38.27	25.00 BC
15	29+19.08	42.98 LT	34	84.24	49.59	30.74 Shoulder
16	29+93.73	44.54 LT	30	90.27	47.26	30.14 BC

* STATION AND OFFSET IS FOR CENTER OF CURVE (NOT PI STATION)

NEW CURVE DATA - STA 26+00 NORTH					
CURVE NO	STA	OFFSET	PT STA	OFFSET	
1	26+25.59		81.24	26+60.24	51.18
2	26+49.17		11.68	26+49.44	27.18
3	27+36.58		6.80	27+44.02	6.38
4	26+97.45		26.64	27+30.05	23.83
5	28+07.75		10.57	28+23.81	8.28
6	28+44.55		0.21	28+45.12	6.19
7	28+54.23		40.41	28+92.78	75.99
8	29+18.98		40.37	29+36.51	20.60
9	29+18.88		37.35	29+43.88	13.00
10	29+52.91		18.81	29+67.42	17.34
11	29+76.86		17.34	30+74.5	13.00

1" = 50'

1" = 5'

HORIZONTAL SCALE



VERTICAL SCALE



LEGEND

- NEW SIDEWALK
- NEW TRAIL
- NEW STANDARD CURB AND GUTTER, STD. DTL. 2415
- NEW MOUNTABLE MEDIAN CURB & GUTTER, STD. DTL. 2415
- NEW ASPHALT CURB STD. DTL. 2415
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. IRRIGATION LINE
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- EXIST. GUARD RAIL
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- EXIST. TREE
- EXIST. LIGHTING PULL BOX
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT
- CONTROL POINT

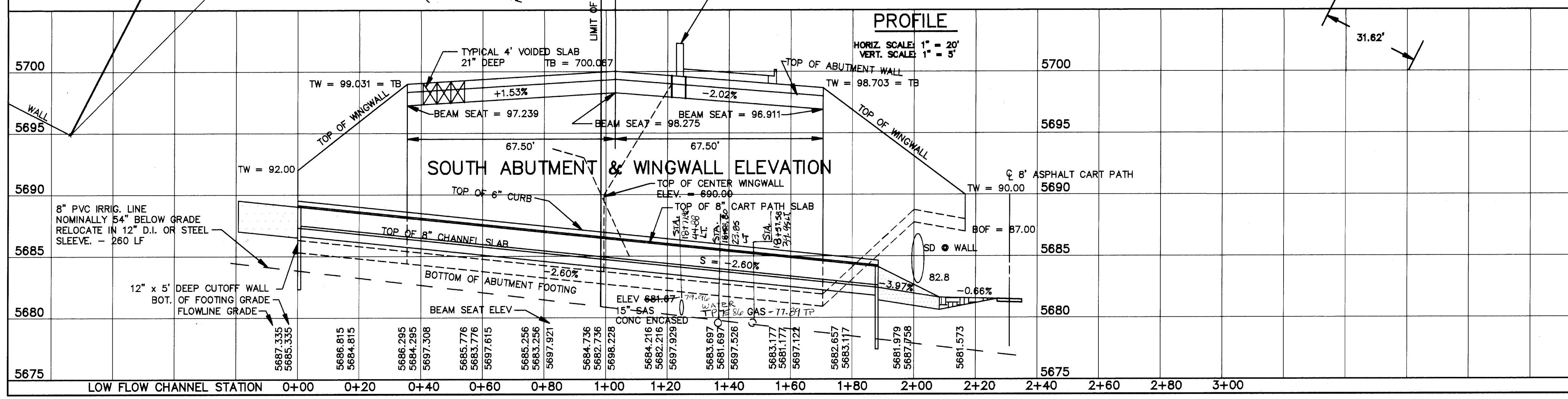
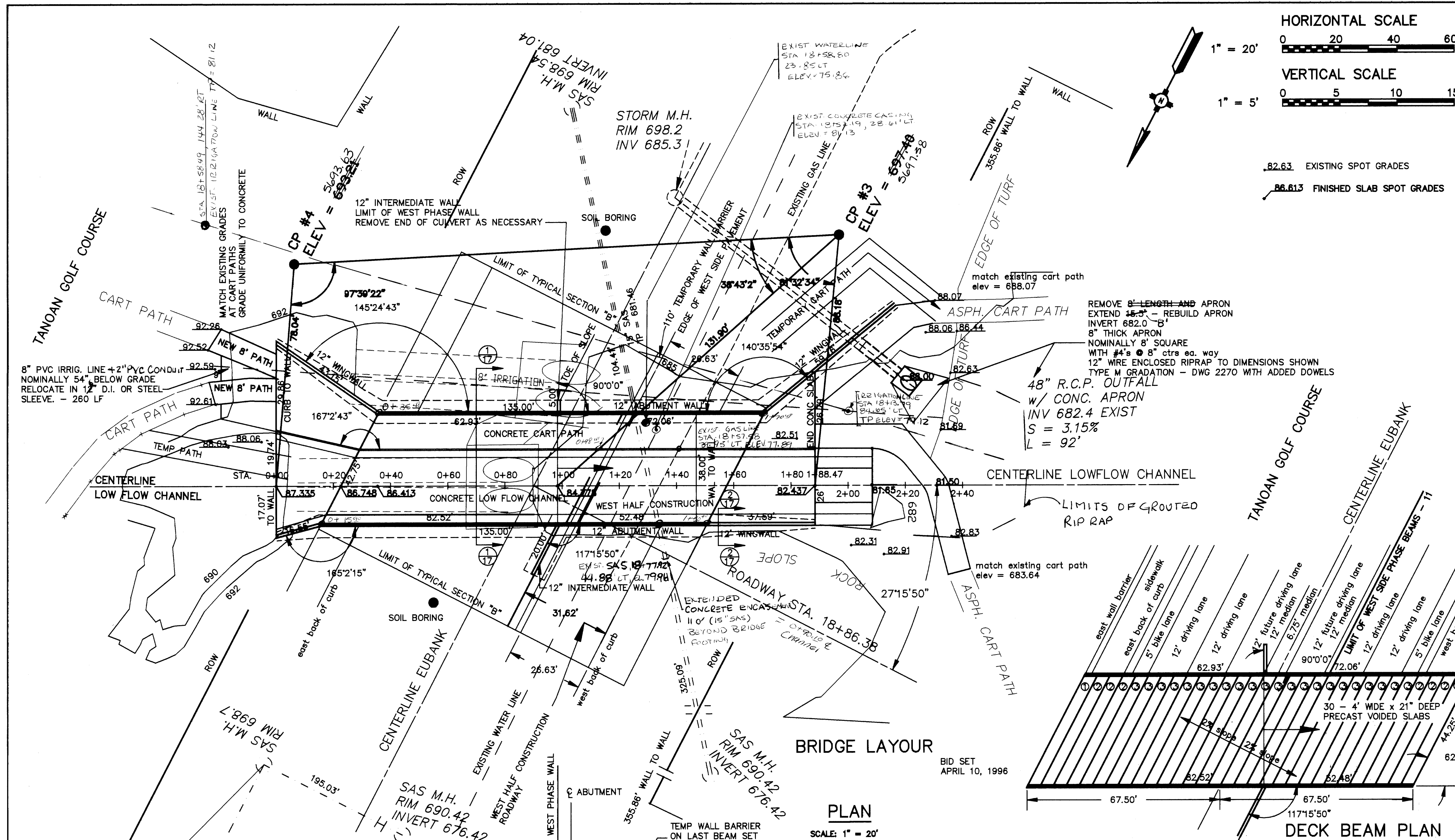
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK ROADWAY PLAN & PROFILE
STA. 24+00 TO 32+00

City Project No.	Zone Map No.	Sheet	Of
4405-890	D-20	14	46

SCANNED BY
BY LASON



NOTES:

- BUILD TEMPORARY SOUTH CART PATH AROUND END OF SOUTHWEST WINGWALL. PHASE 1A.
- CLOSE NORTH CART PATH. MAINTAIN CARTS ON SOUTH PATH. CONSTRUCT FIRST 8' LIFT OF NORTH AND SOUTH ABUTMENTS AND WINGWALLS TO CENTER WINGWALLS. EXTEND 42" STORM DRAIN AND CONSTRUCT CONCRETE CHANNEL WORKS FROM CENTER WINGWALLS TO END, COMPLETE CART PATH IMPROVEMENTS ON WEST END. PHASE 1B.
- BUILD TEMPORARY CART PATH ON EAST END FROM EXISTING SOUTH PATH TO THE SOUTHERN MOST 8" STORM CULVERT. PAVE CULVERT TO MAKE TEMPORARY PATH. GROUT 12" GOLF MAINTENANCE VEHICLE PATH OVER RIP-RAP. DIVERT CARTS TO NEW TEMPORARY PATH. PHASE 2.
- COMPLETE NORTH AND SOUTH ABUTMENTS AND WINGWALLS. SET BRIDGE BEAMS AND COMPLETE WEST SECTION OF ROADWAY. PHASE 2.
- DIVERT TRAFFIC TO NEW WEST ROADWAY. REMOVE TWO SOUTH CULVERTS AND NORTH CULVERT. CONSTRUCT REMAINING NORTH AND SOUTH ABUTMENTS AND WINGWALLS. COMPLETE BRIDGE DECK WITH CENTER CULVERT IN PLACE. PHASE 3.
- CONSTRUCT SOUTH CHANNEL CART PATH CHANNEL. DIVERT CARTS TO SOUTH HALF OF CART PATH CHANNEL. PHASE 3 & PHASE 4.
- REMOVE REMAINING CULVERT AND COMPLETE CHANNEL CONSTRUCTION. PHASE 4.
- TEMPORARY CART PATH WORK IS INCIDENTAL TO THE BRIDGE CONSTRUCTION.

BRIDGE LAYOUT

DECK BEAM PLAN

PLAN

PROFILE

SOUTH ABUTMENT & WINGWALL ELEVATION

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction and belief.

KEMPER-VAUGHAN CONSULTING ENGINEERS
3700 COORS RD. NW
ALBUQUERQUE, NEW MEXICO 87120

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: BRIDGE LAYOUT & SOUTH ABUTMENT EUBANK @ TANOAN

DESIGNED BY **DRAWN BY** **CHECKED BY**

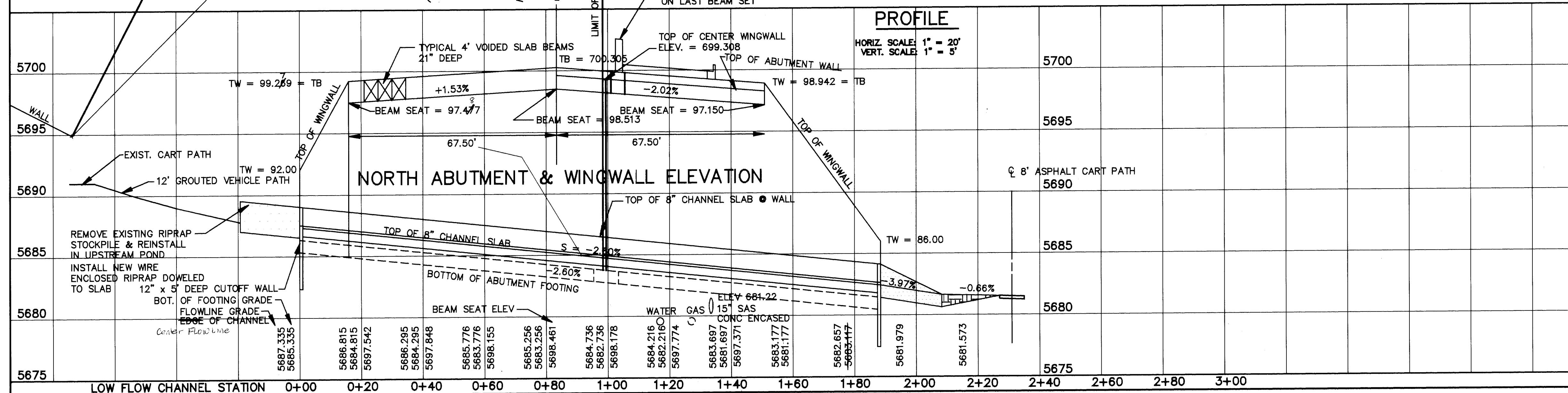
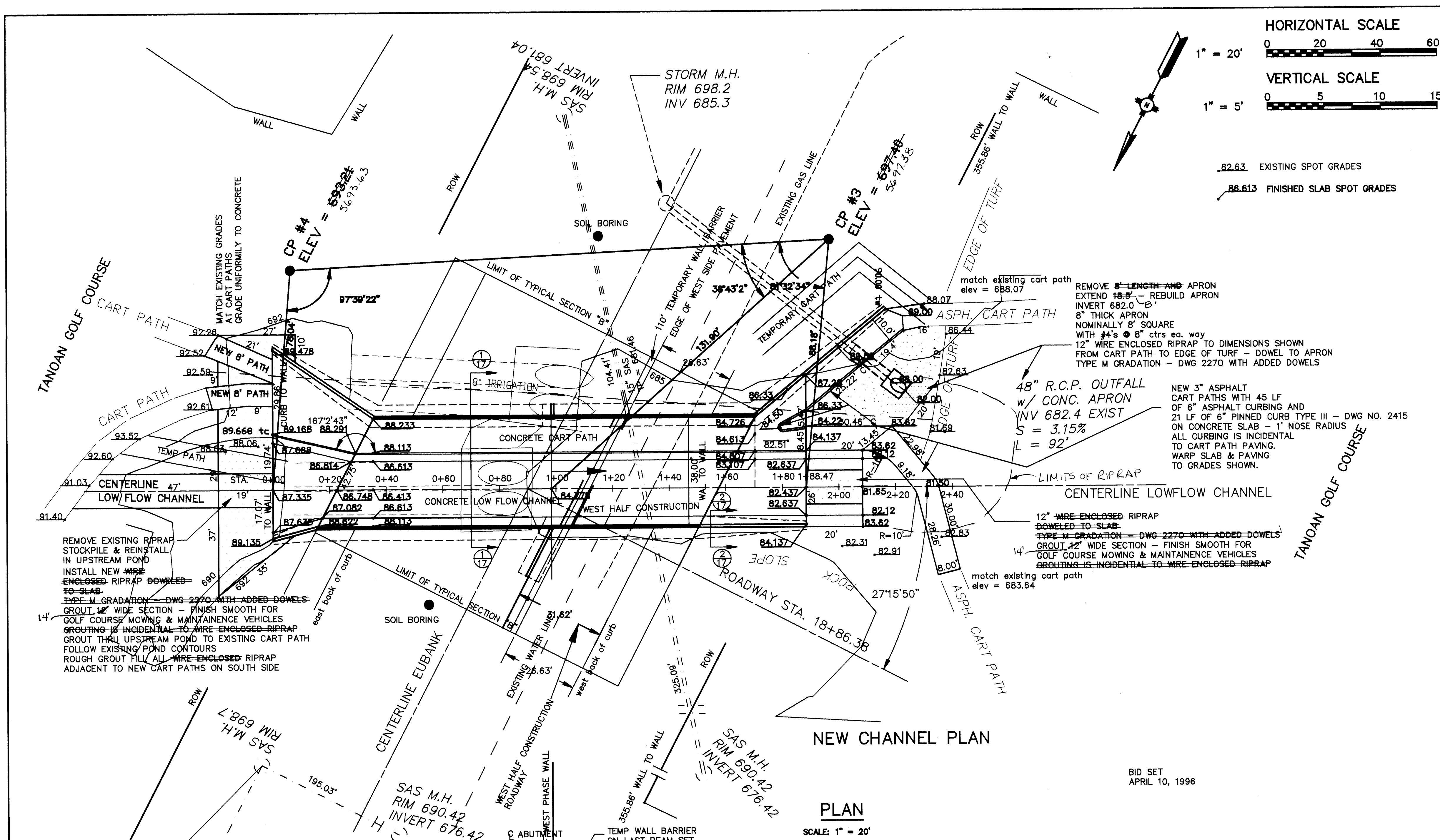
REVISIONS

DATE **NO.** **REMARKS**

COMPUTER FILE: BP

CITY PROJECT NO. 4405-90 **ZONE MAP NO.** D-20 **SHEET** 15 **OF** 46

SCALE 1" = 20'



NOTES:

BRIDGE CONSTRUCTION PHASING SEQUENCE:

- BUILD TEMPORARY SOUTH CART PATH AROUND END OF SOUTHWEST WINGWALL. PHASE 1A.
- CLOSE NORTH CART PATH. MAINTAIN CARTS ON SOUTH PATH. CONSTRUCT FIRST 8' LIFT OF NORTH AND SOUTH ABUTMENTS AND WINGWALLS TO CENTER WINGWALLS. EXTEND 42" STORM DRAIN AND CONSTRUCT CONCRETE CHANNEL WORKS FROM CENTER WINGWALLS TO END. COMPLETE CART PATH IMPROVEMENTS ON WEST END. PHASE 1B.
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- REMOVE REMAINING CULVERT AND COMPLETE CHANNEL CONSTRUCTION. PHASE 4.
- TEMPORARY CART PATH WORK IS INCIDENTAL TO THE BRIDGE CONSTRUCTION.

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSH Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Date: 7/3/97

K-V - CADD

KEMPER-VAUGHAN
 CONSULTING ENGINEERS
 3700 CDOORS RD. NW
 ALBUQUERQUE, NEW MEXICO 87120

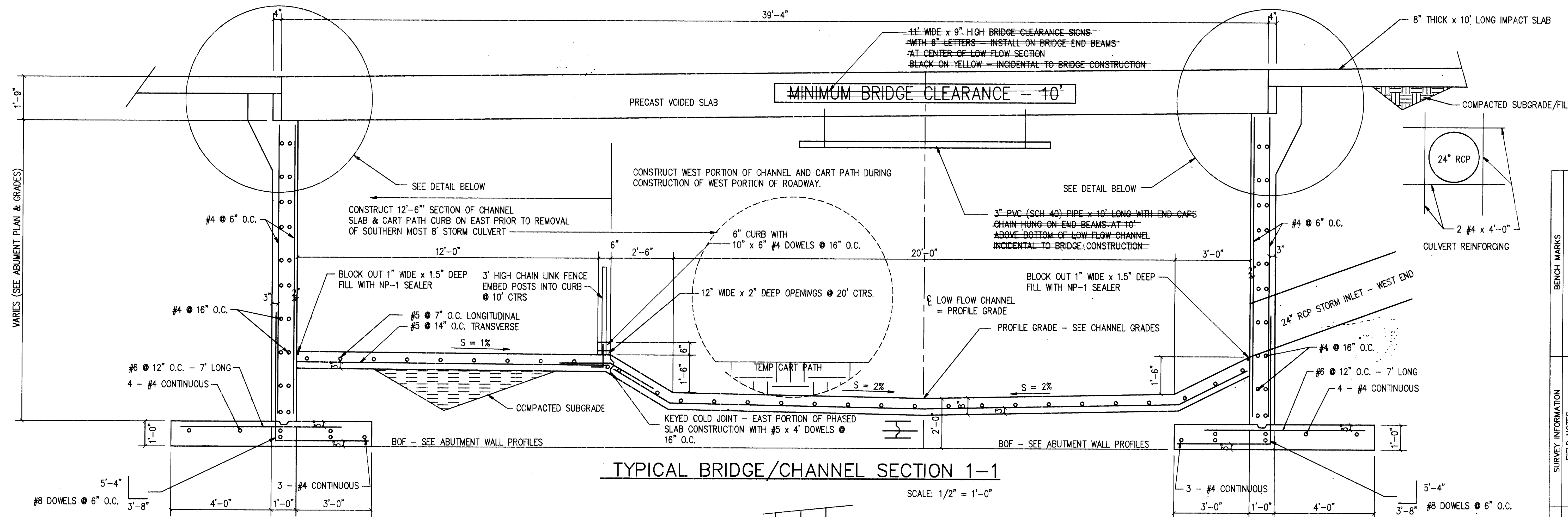
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

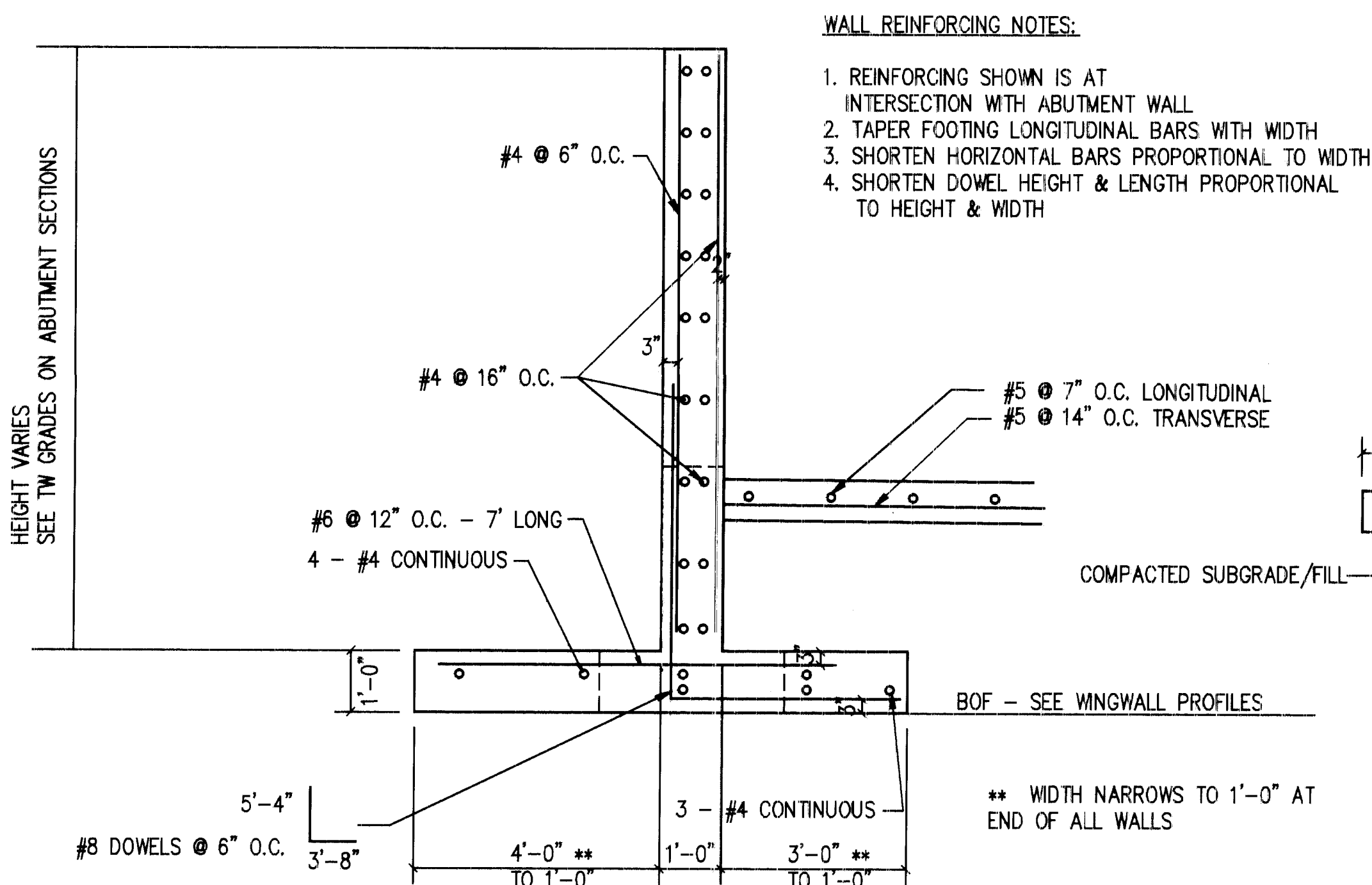
TITLE: CHANNEL PLAN & NORTH ABUTMENT
EUBANK @ TANOAN

Mo./Day/Yr.	Mo./Day/Yr.
1/11/96	4/10/96
2/25/96	
3/18/96	
3/31/96	

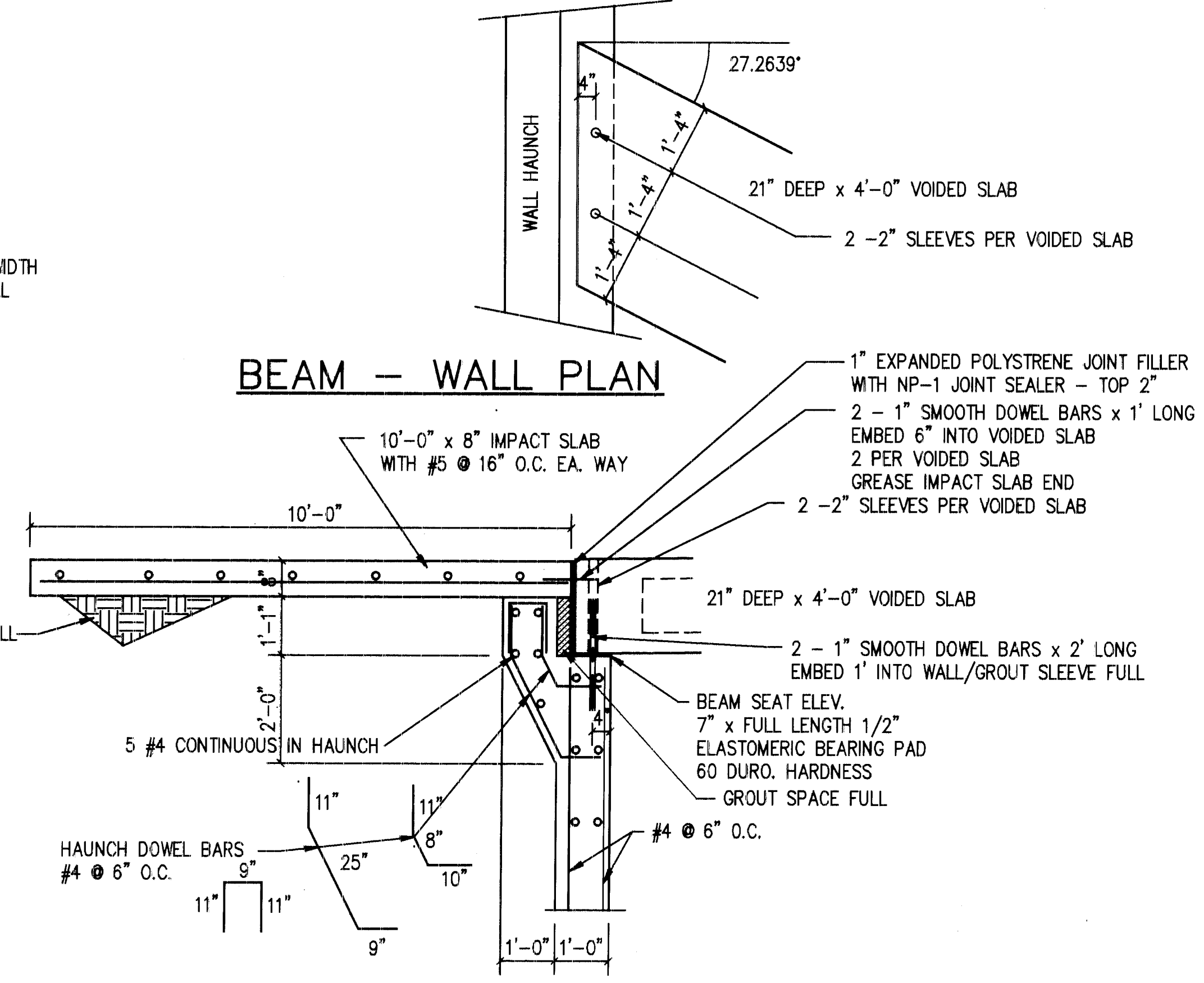
City Project No. 4405-90 Zone Map No. D-20 Sheet 16 of 46



TYPICAL BRIDGE/CHANNEL SECTION 1-1
SCALE: 1/2" = 1'-0"



TYPICAL WINGWALL SECTION 2-2
SCALE: 1/2" = 1'-0"



TYPICAL BEAM SEAT/HAUNCH/IMPACT SLAB DETAIL
SCALE: 1/2" = 1'-0"

TYPICAL WALL CONST JOINT
AT 8' MIN INTERVALS NTS

RECORD DRAWING

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Debra Vaughan, P.E. 11992 Date 7/31/97

AS-BUILT INFORMATION

CONTRACTOR	DATE
STAKED BY	DATE
INSPECTED BY	DATE
VERIFICATION BY	DATE
DRAWINGS BY	DATE
RECORDED BY	DATE

MICRO-FILM INFORMATION

NO. K-V - CADD

KEMPER-VAUGHAN CONSULTING ENGINEERS
3700 COORS RD. NW
ALBUQUERQUE, NEW MEXICO 87120

COMPUTER FILE: EUBSEC

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: CHANNEL/BRIDGE SECTION EUBANK @ TANOAN

City Project No.	Zone Map No.	Sheet	of
4405-90	D-20	17	46

City Project No. 4405-90 Zone Map No. D-20 Sheet 17 of 46

GENERAL NOTES:

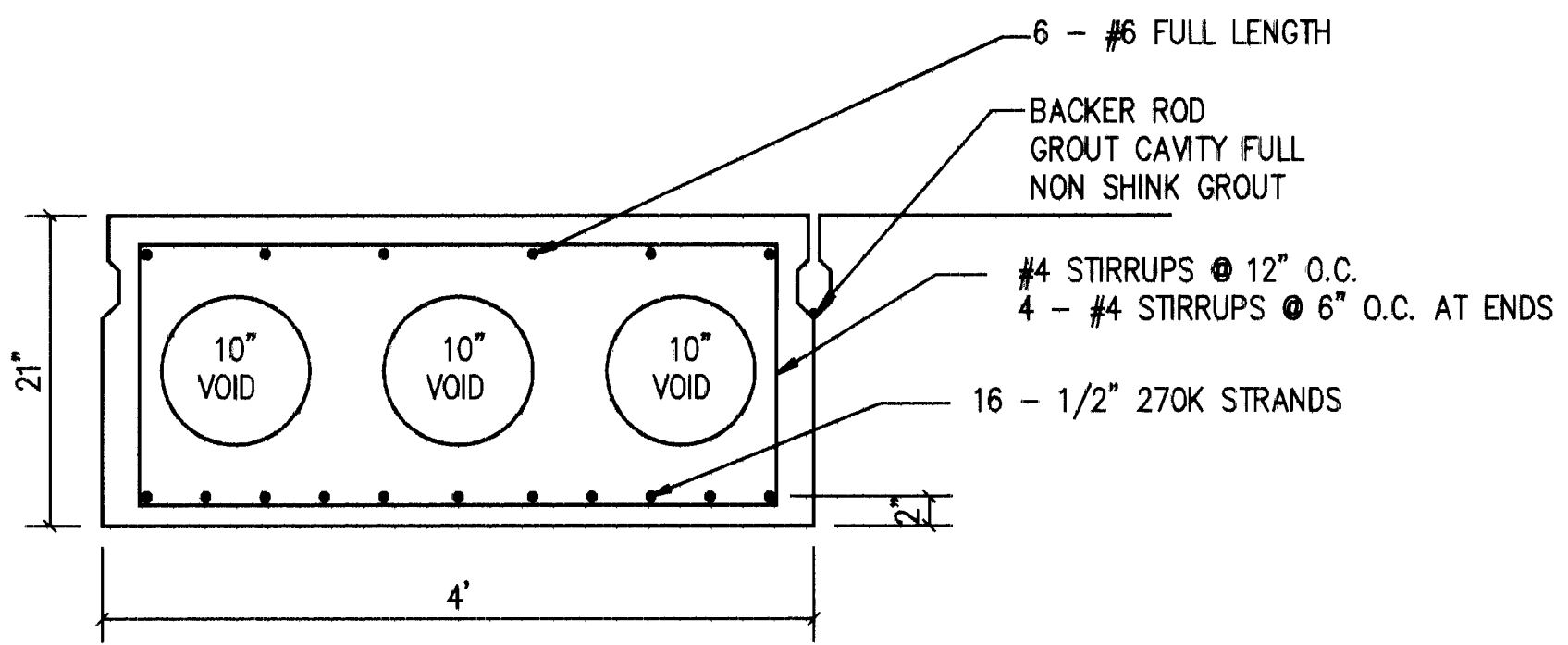
- WORKMANSHIP AND MATERIALS SHALL CONFORM TO NEW MEXICO STATE HIGHWAY DEPARTMENT SPECIFICATIONS.
- BEAMS SHALL BE LIFTED BY MEANS OF DEVICES SATISFACTORY TO THE PROJECT MANAGER, INSERTED THRU MANUFACTURER'S DEVICES AT THE ENDS. BEAMS ARE TO BE CAST, STORED AND HAULED IN THE UPRIGHT POSITION. ALTERNATE LIFTING DEVICES MUST BE APPROVED BY THE PROJECT MANAGER.
- BEAM CAMBER IS COMPUTED NET UPWARD DEFLECTION AT CENTER LINE OF BEAM DUE TO PRESTRESSING, WITH WEIGHT OF BEAM ACTING AT ERECTION.
- DEAD LOAD DEFLECTION IS THE COMPUTED DEFLECTION DUE TO WEIGHT OF SLAB, DIAPHRAGMS AND SUPERIMPOSED DEAD LOADS AFTER ERECTION.
- IF CONTRACTOR CHOOSES TO USE UNCOATED SEVEN WIRE STRESS RELIEVED STRANDS HAVING PROPERTIES OTHER THAN THOSE SHOWN IN THE DESIGN DATA, REVISED DETAILS SHOWING NUMBER AND ARRANGEMENT OF STRANDS SHALL BE SUBMITTED TO THE PROJECT MANAGER.
- STIRRUPS MAY BE WELDED INTO A "CAGE" AT THE CONTRACTOR'S OPTION.
- TYPE 3 CEMENT MAY BE USED AT THE CONTRACTOR'S OPTION.
- ALL WORK NECESSARY TO FABRICATE AND INSTALL THE INTEGRAL PARTS OF THE BEAM (INCLUDING THE HOLES FOR TIE RODS, TIE RODS, ELASTOMERIC BEARING PADS AND OTHER ITEMS) AS SHOWN ON PLANS SHALL BE INCLUDED IN BID PRICE FOR PRESTRESSED CONCRETE BEAM MEMBER.
- THE TOP SURFACE OF THE BEAM IS TO BE THOROUGHLY WIRE BRUSHED AND SCORED TRANSVERSELY AFTER INITIAL SET TO A MINIMUM DEPTH OF 1/4" FOR ENTIRE FLANGE WIDTH. REMOVE LAITANCE.
- MANUFACTURER OF MEMBERS MAY MODIFY DESIGN AS NECESSARY TO SUIT HIS PROCESS. DETAILS OF THE REVISED DESIGN AND CALCULATIONS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR APPROVAL. DESIGN LOADS SHALL BE AS INDICATED FOR INTERIOR AND EXTERIOR BOXES.

BEAM DESIGN DATA - LOADING ASSUMPTIONS

- LIVE LOAD HS20-44 - ALL LANES + SIDEWALK
- DEAD LOAD OF CURB & GUTTER, SIDEWALK, FILL UNDER SIDEWALK, & WALL BARRIER TO BOXES #2 - FIVE EXTERIOR BOXES EACH SIDE.
- INTERIOR BOXES #3 - DEAD LOAD = 7.5" ASPHALT PAVING.
- SEE SHEET 17 FOR CONCRETE PEDESTAL ON EDGE BEAMS.

BEAM DESIGN DATA: EXTERIOR VOIDED SLABS

- DESIGN ACCORDING TO AASHTO SPECIFICATIONS
- DESIGN STRESS:
BEAMS: CONCRETE $f'_c \pm$ (MIN. COMPRESSIVE STRENGTH OF CONCRETE AT TIME OF INITIAL PRESTRESS) = 4000 PSI
 $f'_c = 5000$ PSI
PRESTRESS REINF.: 1/2" DIA. - 270 KSI LOW-LAX 7-WIRE STRANDS
INITIAL PRESTRESS = 27.89 KIPS/STRAND - BOXES # 2
ESTIMATED LOSS @ 20%
PRESTRESS AFTER LOSSES = 22.31 KIPS/STRAND
CONVENTIONAL REINF. STEEL: LONGITUDINAL DOWELS & STIRRUPS ASTM A615-GR60 (ALL WELDED BARS ASTM A706)
ESTIMATED BEAM CAMBER AT ERECTION = 1.40"
ESTIMATED DEAD LOAD DEFLECTION - CURB & GUTTER/SIDEWALK/WALL BARRIER = 0.37"
LIVE LOAD DEFLECTION = 0.30"
LIVE LOAD = HS-20-44



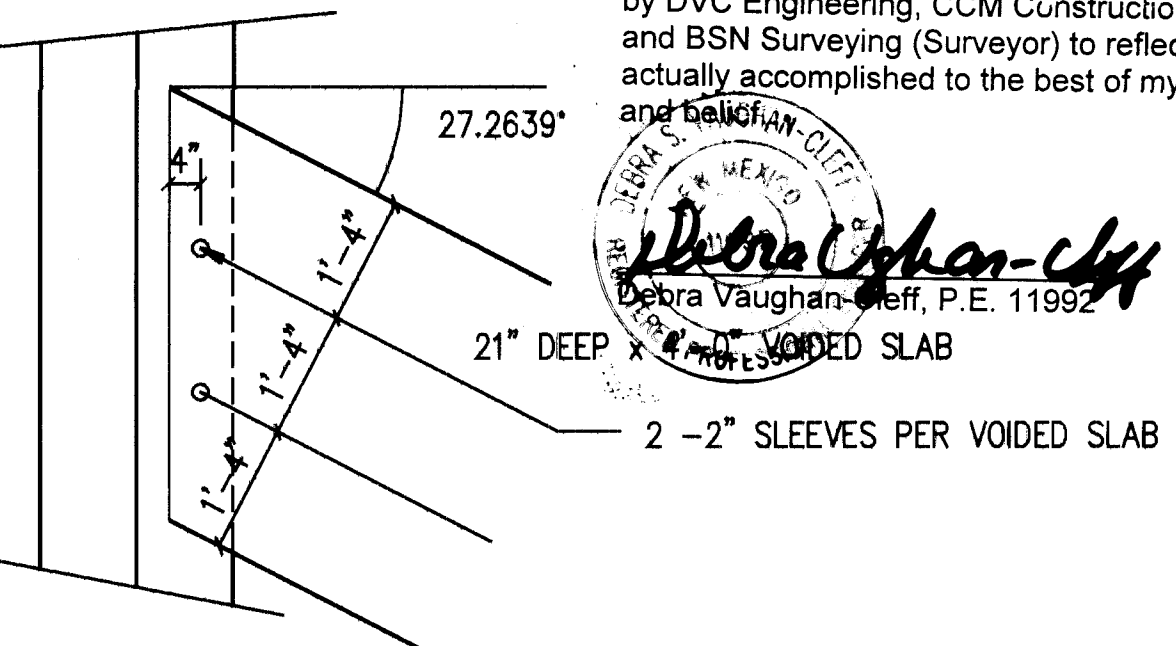
EXTERIOR BEAM SECTION

SCALE: 1" = 1'-0"

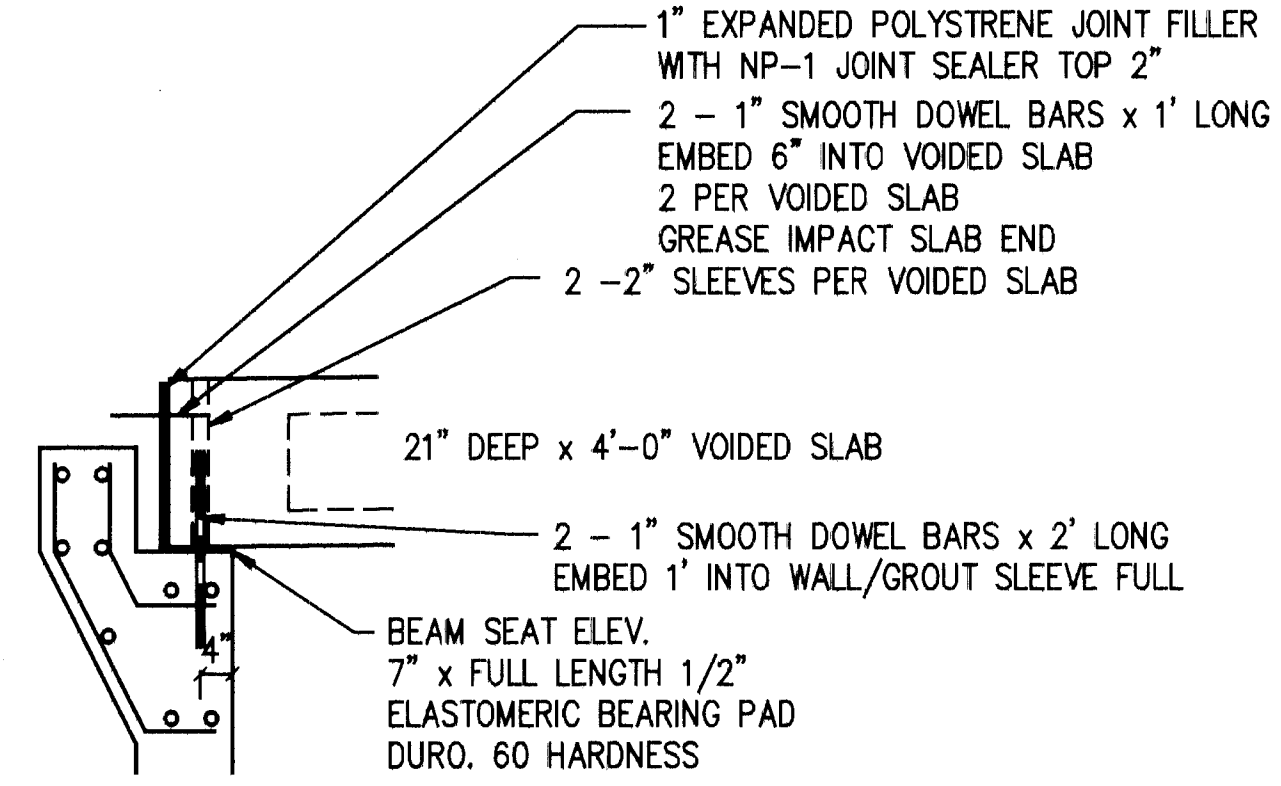
RECORD DRAWING

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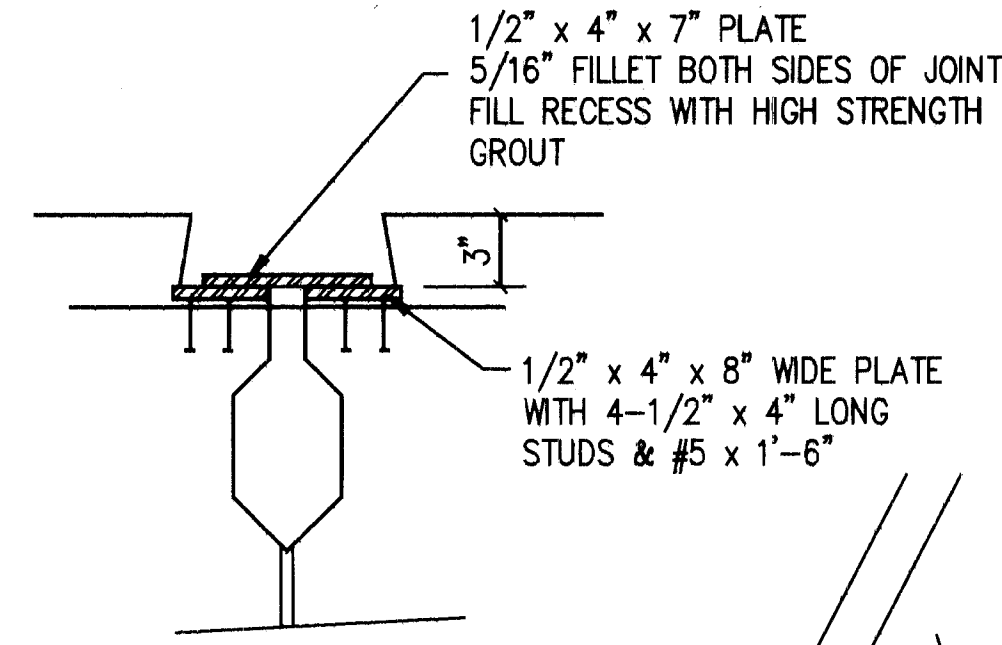
Debra Vaughan-Coff, P.E. 11992 Date 7/2/97



BEAM - WALL PLAN

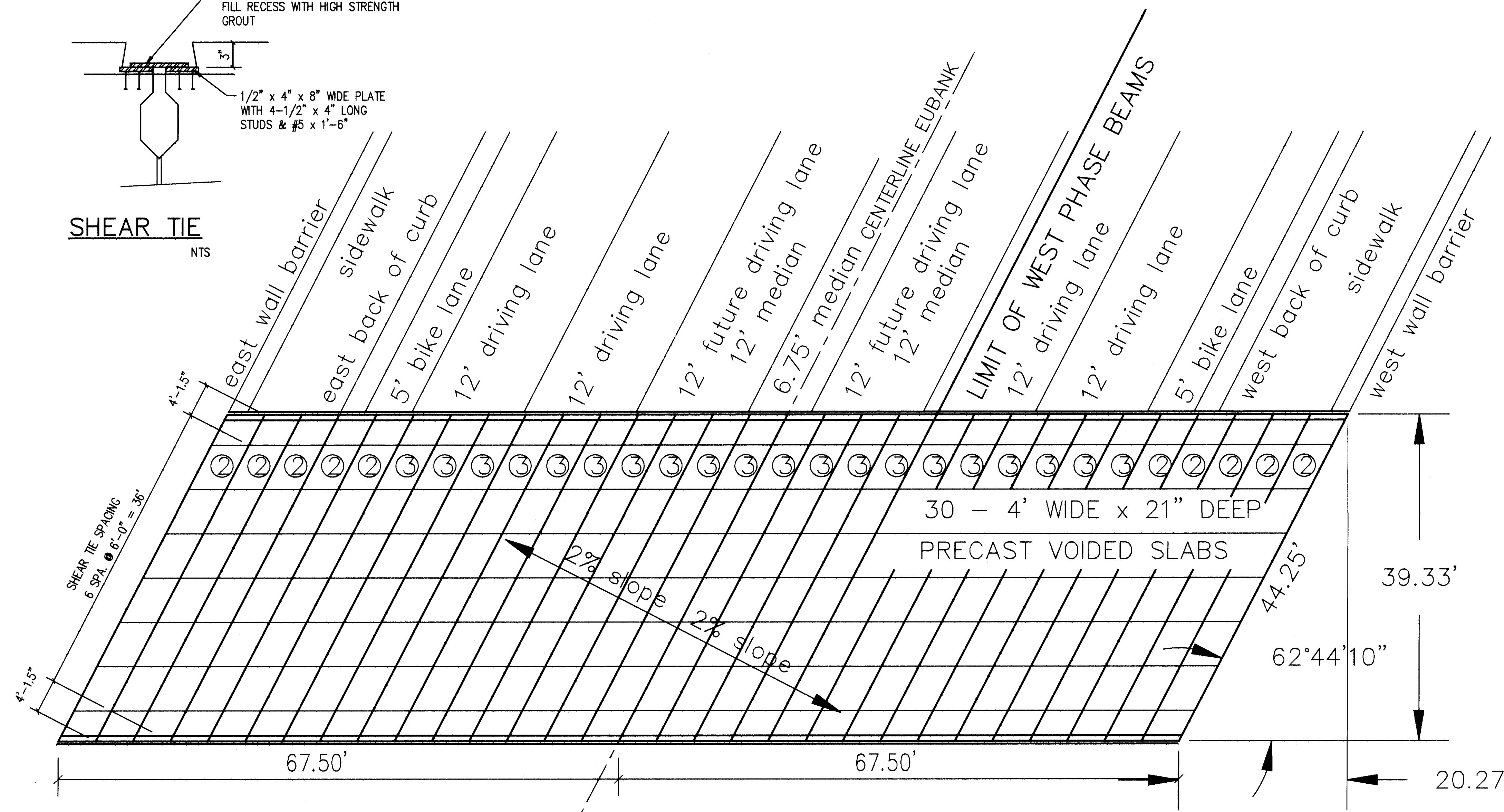


BEAM - WALL SECTION



SHEAR TIE

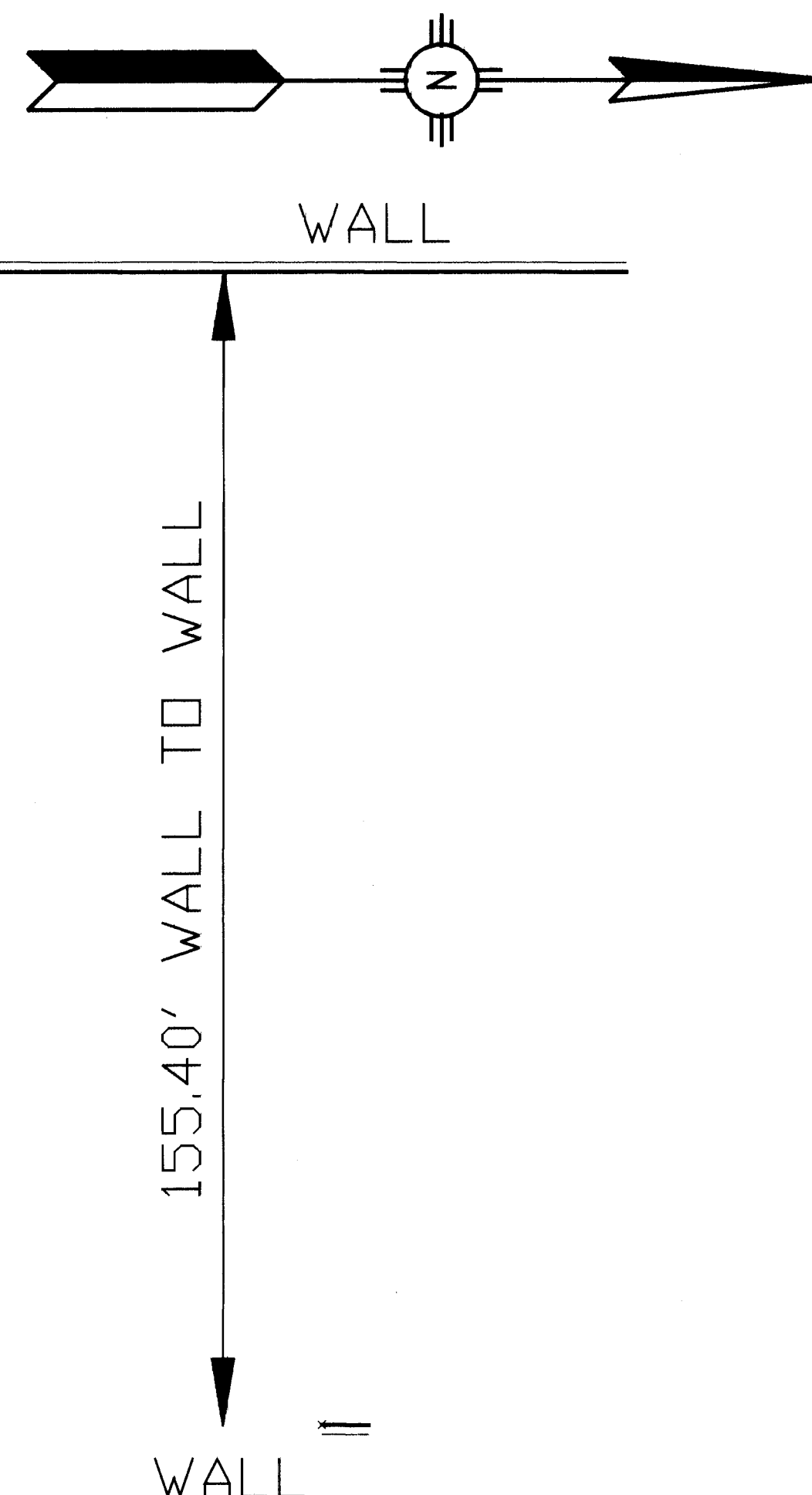
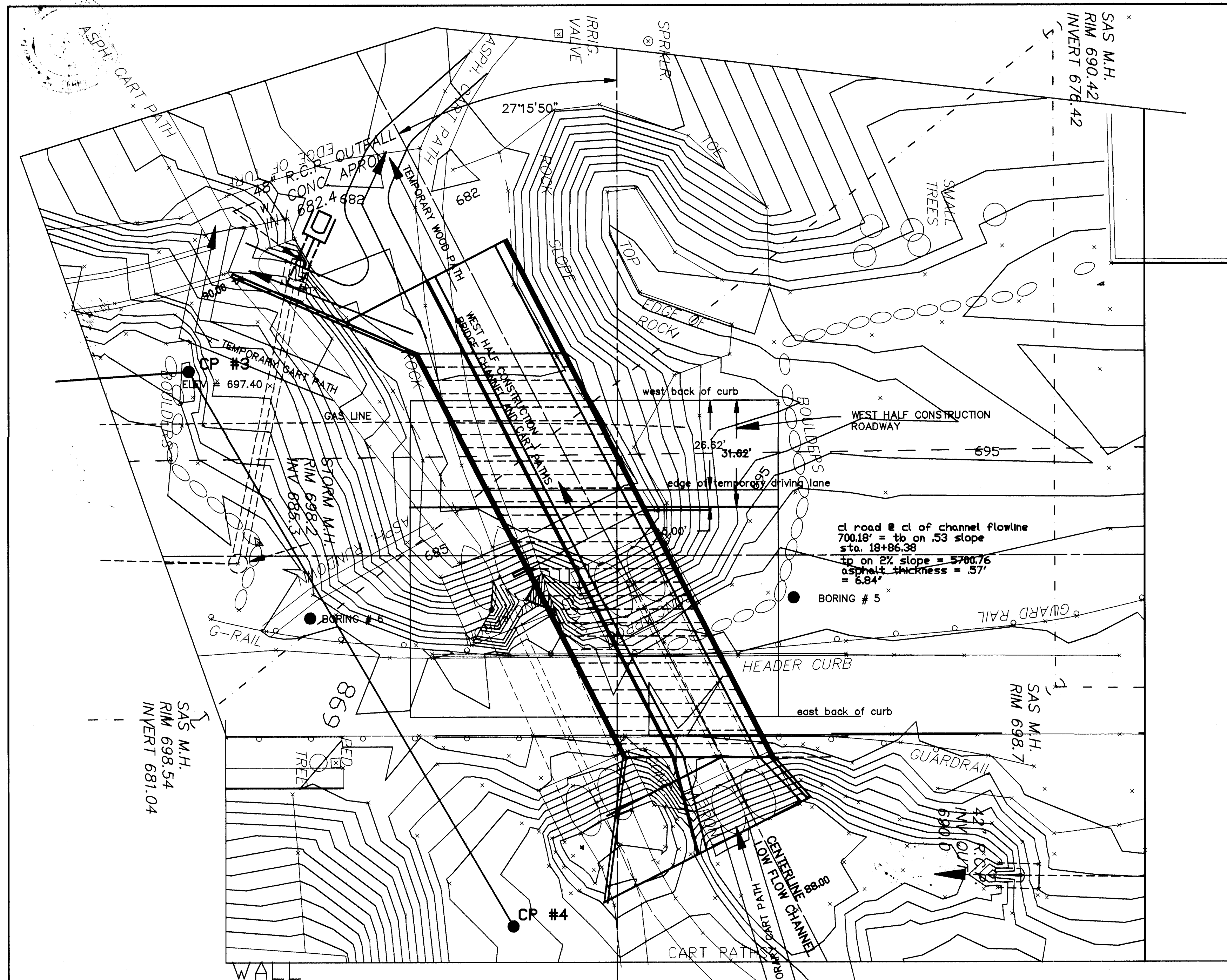
NTS



DECK BEAM PLAN

NTS

MICRO-FILM INFORMATION			
RECORDED BY	NO.		
K-V - CADD			
KEMPER-VAUGHAN CONSULTING ENGINEERS 3700 COORS RD. NW ALBUQUERQUE, NEW MEXICO 87120			
COMPUTER FILE: BLBR7-7			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			
TITLE: PRESTRESSED CONCRETE VOIDED SLAB DETAILS EUBANK BRIDGE			
City Project No. 4405-90	Zone Map No. D-20	Sheet 18	of 46



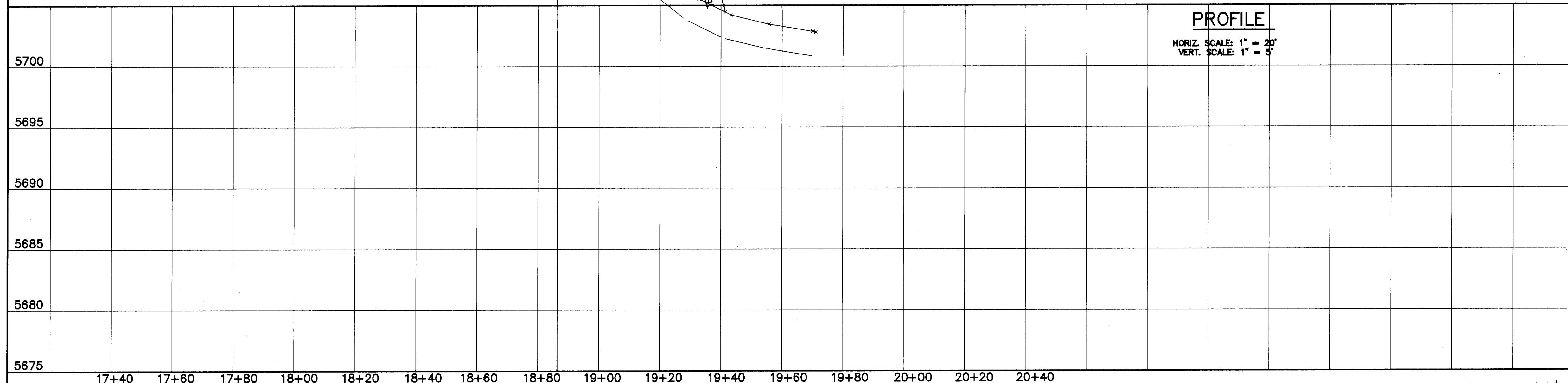
PLAN

SCALE: 1" = 20'

PROFILE

HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

BID SET
APRIL 10, 1996



- NOTES:**
- BUILD TEMPORARY SOUTH CART PATH AROUND END OF SOUTHWEST WINGWALL. PHASE 1A.
 - CLOSE NORTH CART PATH. MAINTAIN CARTS ON SOUTH PATH. CONSTRUCT FIRST 8' LIFT OF NORTH AND SOUTH ABUTMENTS AND WINGWALLS TO CENTER WINGWALLS. EXTEND 42" STORM DRAIN AND CONSTRUCT CONCRETE CHANNEL WORKS FROM CENTER WINGWALLS TO END. COMPLETE CART PATH IMPROVEMENTS ON WEST END. PHASE 1B.
 - BUILD TEMPORARY CART PATH ON EAST END FROM EXISTING SOUTH PATH TO THE SOUTHERN MOST 8' STORM CULVERT. PAVE CULVERT TO MAKE TEMPORARY PATH. GROUT 12" GOLF MAINTENANCE VEHICLE PATH OVER RIP-RAP. DIVERT CARTS TO NEW TEMPORARY PATH. PHASE 1B & PHASE 2.
 - COMPLETE NORTH AND SOUTH ABUTMENTS AND WINGWALLS. SET BRIDGE BEAMS AND COMPLETE WEST SECTION OF ROADWAY. PHASE 2.
 - DIVERT TRAFFIC TO NEW WEST ROADWAY. REMOVE TWO SOUTH CULVERTS AND NORTH CULVERT. CONSTRUCT REMAINING NORTH AND SOUTH ABUTMENTS AND WINGWALLS. COMPLETE BRIDGE DECK WITH CENTER CULVERT IN PLACE. PHASE 3.
 - CONSTRUCT SOUTH CHANNEL CART PATH CHANNEL. DIVERT CARTS TO SOUTH HALF OF CART PATH CHANNEL. PHASE 3 & PHASE 4.
 - REMOVE REMAINING CULVERT AND COMPLETE CHANNEL CONSTRUCTION. PHASE 4.
 - TEMPORARY CART PATH WORK IS INCIDENTAL TO THE BRIDGE CONSTRUCTION.

RECORD DRAWING

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Debra Vaughan
Debra Vaughan, P.E. 11092
Date: 7/31/97

K-V - CADD

KEMPER-VAUGHAN
CONSULTING ENGINEERS
3700 CDDRS RD. NW
ALBUQUERQUE, NEW MEXICO 87120

COMPUTER FILE: BP

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EXISTING & NEW CROSSING
CONSTRUCTION SEQUENCE - EUBANK @ TANOAN

Mo./Day/Yr.	Mo./Day/Yr.
1/11/96	4/10/96
2/25/96	
3/18/96	
3/31/96	

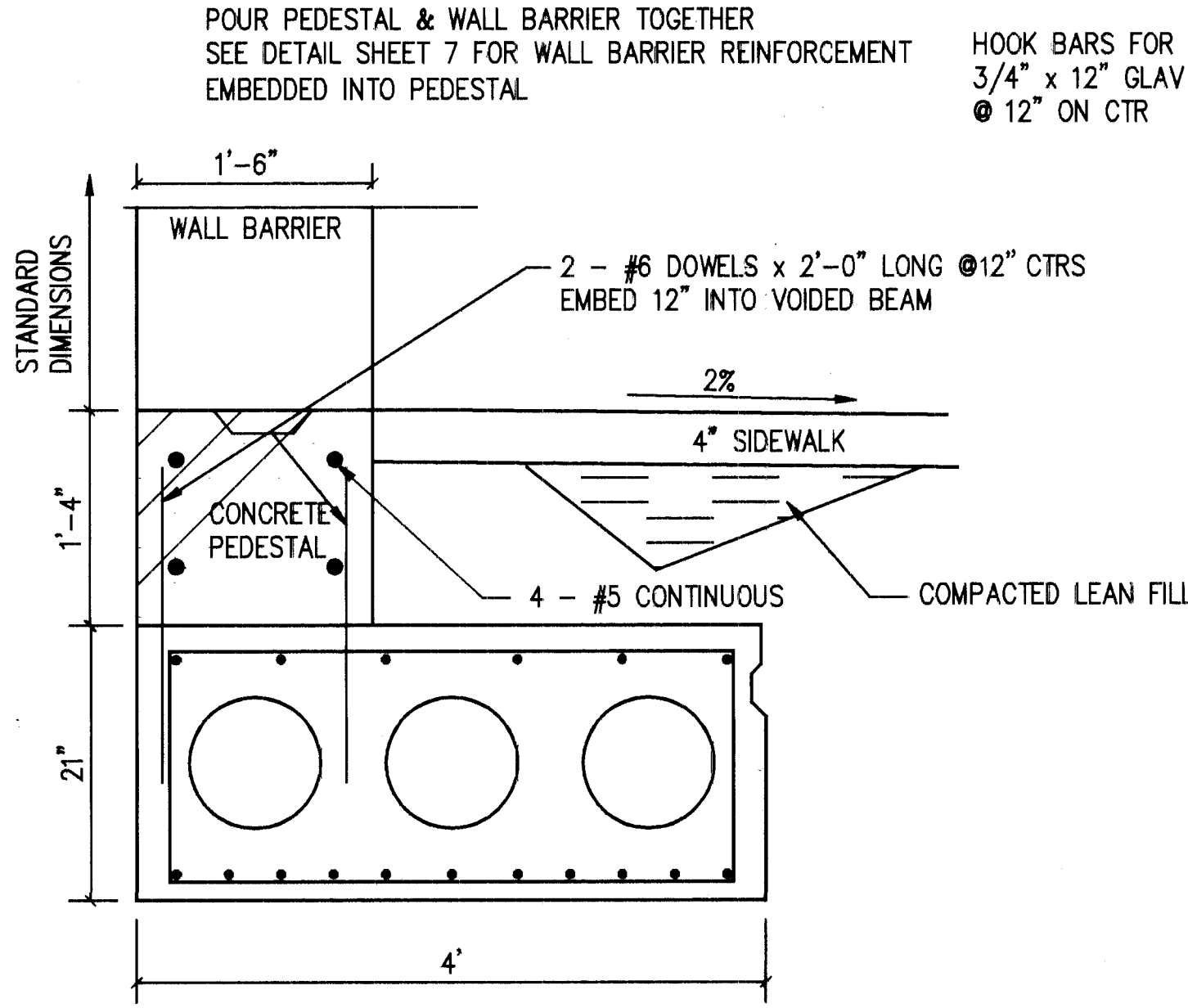
City Project No. 4405-90
Zone Map No. D-20
Sheet 19 of 46

SCALE 1" = 20'

SCANNED BY
BY LASON

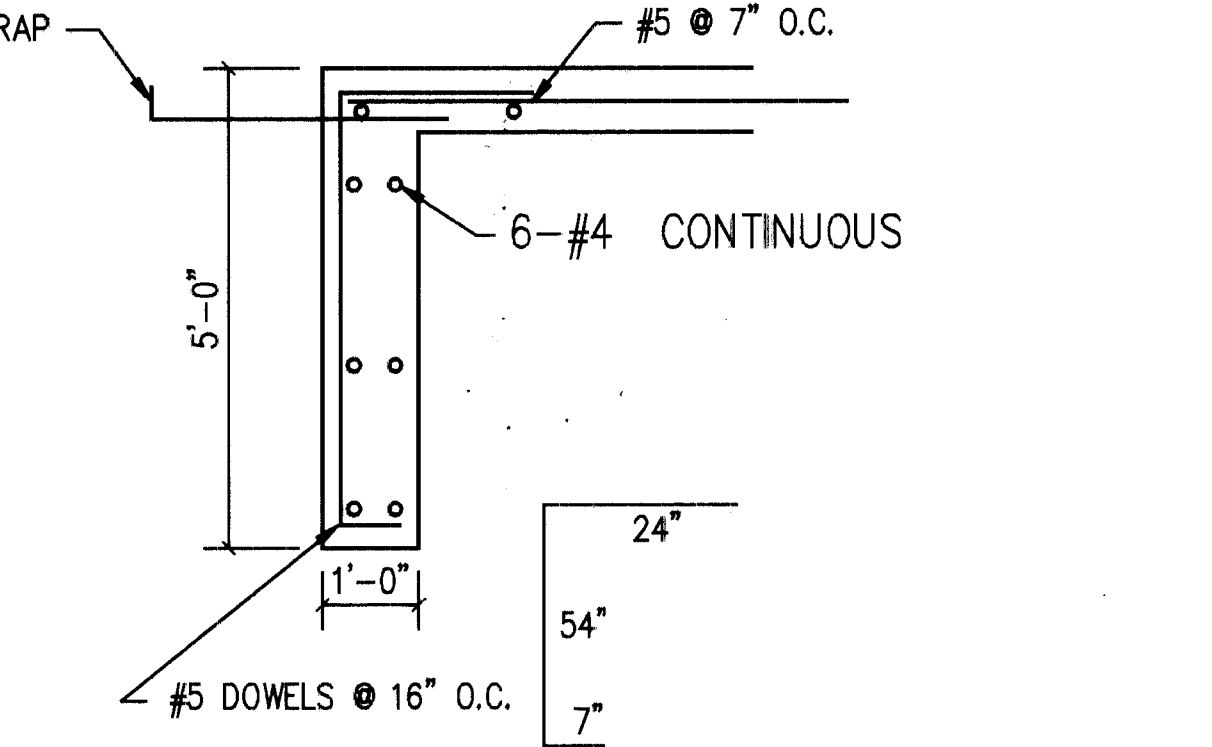
GENERAL NOTES AND STRUCTURAL NOTES

- 1) MATERIALS (ALSO SEE SPECIFICATIONS)
- CONCRETE: DESIGN PER ACI 318-91
 - a. TYPE II CEMENT
 - b. ALL CONCRETE - F'c - 4000 PSI
 - REINFORCING:
 - a. ALL - ASTM A615 - GR. 60 - Fy = 60,000 psi
 - STRUCTURAL STEEL: DESIGN PER AISC MANUAL - 9TH EDITION
 - a. MISC. SHAPES, ANGLES, CHANNELS, PLATES
 - ASTM A36, Fy = 36,000 psi
 - BOLTS: ASTM A307 OR ASTM A325
 - WELDING: E70XX ELECTRODES
 - FILL MATERIAL: GRANULAR MATERIAL
 - 1 1/2" - 100% PASSING
 - NO. 4 - 25-70% PASSING
 - NO. 10 - 20-55% PASSING
 - NO. 200 - 0-12% PASSING
- 2) GENERAL CONSTRUCTION NOTES
- A) FOUNDATION NOTES:
1. FOOTINGS SHALL REST ON GRANULAR FILL OR NATIVE SOIL AT DEPTHS SHOWN. IN THE EVENT OF OVER EXCAVATION FOR FOOTINGS, OVER EXCAVATED PORTION SHALL BE FILLED WITH CONCRETE TO THE CORRECT ELEVATION. SUCH CONCRETE WILL BE OF SAME QUALITY AS THAT SPECIFIED FOR FOOTINGS AND AT NO EXPENSE TO THE CITY.
- B) CAST-IN-PLACE CONCRETE NOTES:
1. UNLESS OTHERWISE NOTED, CONCRETE COVERAGE OVER REINFORCEMENT SHALL CONFORM TO SECTION 7.7.1 OF THE ACI STANDARD 318-91.
 2. UNLESS OTHERWISE SHOWN, MINIMUM SPLICE LAP ON ALL REINFORCING BARS SHALL BE 30 BAR DIAMETERS.
 3. TOP 12 INCHES OF SUBGRADE MATERIAL AND ALL FILL LAYERS BELOW ALL SLABS ON GRADE SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS PER ASTM D1557.
 4. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES TO INSURE THAT ALL ANCHORS, EMBEDDED ITEMS, RECESSED AREAS AND PENETRATIONS COMPLY WITH DETAILS AS SHOWN ON DRAWING OR OTHERWISE SPECIFIED.
 5. EXPOSED WALLS SHALL HAVE A CLASS 1 FINISH.
- 3) EXISTING UTILITIES PROTECTION NOTES:
- A. NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN HEREON AND THAT ANY EXISTING UTILITIES THAT ARE SHOWN, ARE IN AN APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- B. THE CARE AND PROTECTION OF ALL OTHER UTILITIES, AND OTHER STREET APPURTENANCES THAT ARE NOT PART OF THE INTENDED WORK AS SHOWN ON THE PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGED, LOST IN TRENCH, OR OTHERWISE HARMFULLY DISTURBED, THESE DAMAGES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- C. WATER SHUT-OFF PLANS ARE FOR CITY USE ONLY. CONTRACTOR IS REQUIRED TO NOTIFY WATER SYSTEMS THREE WORKING DAYS PRIOR TO ANY REQUIRED OPERATIONS (857-0200). WATER SYSTEM SHUT-OFFS AND TURN-ONS SHALL BE PER SECTION 18.3 OF THE GENERAL CONDITIONS.



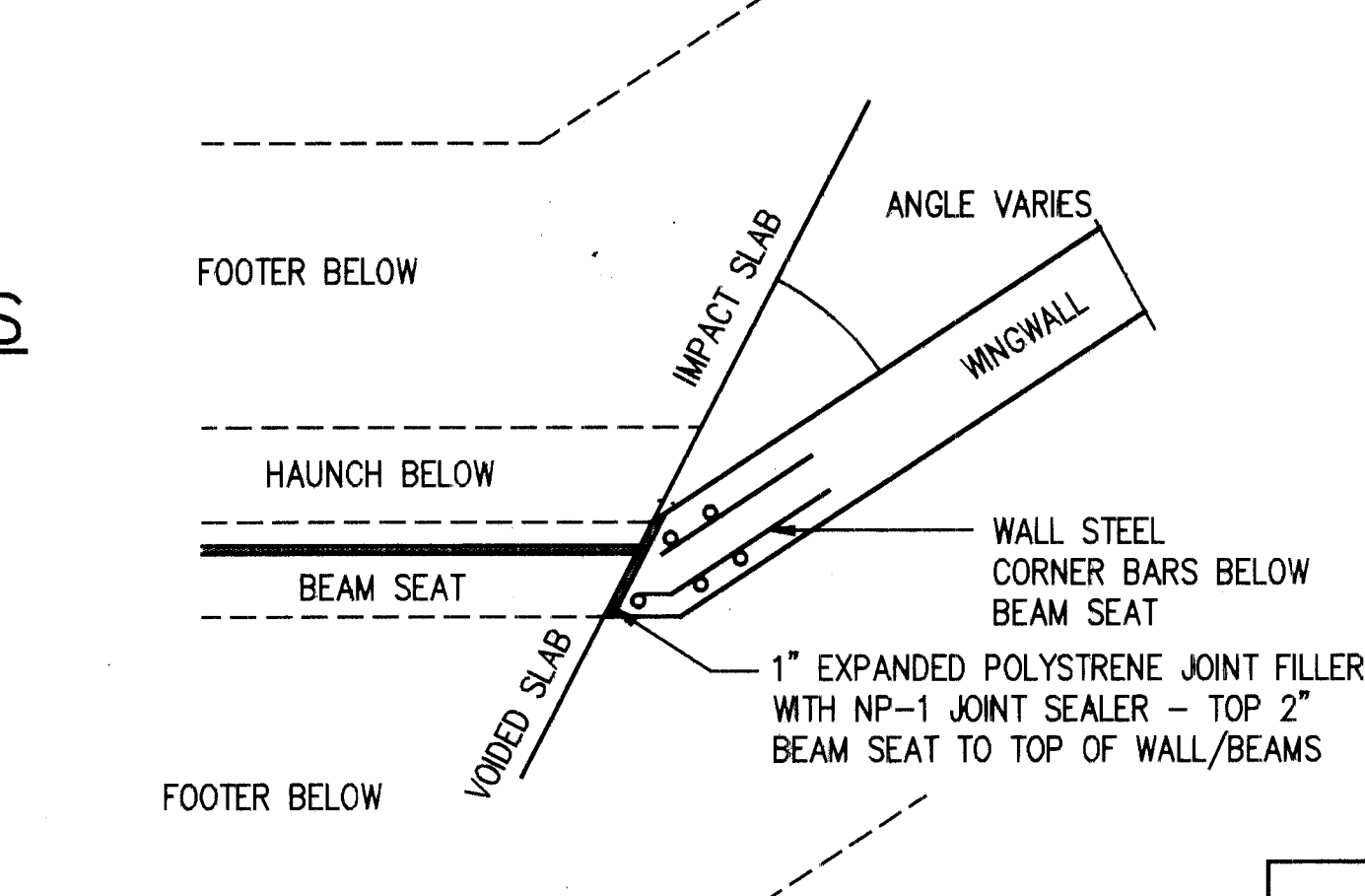
WALL BARRIER BEAM PEDSTAL-ON EDGE BEAMS

SCALE: 1" = 1'-0"



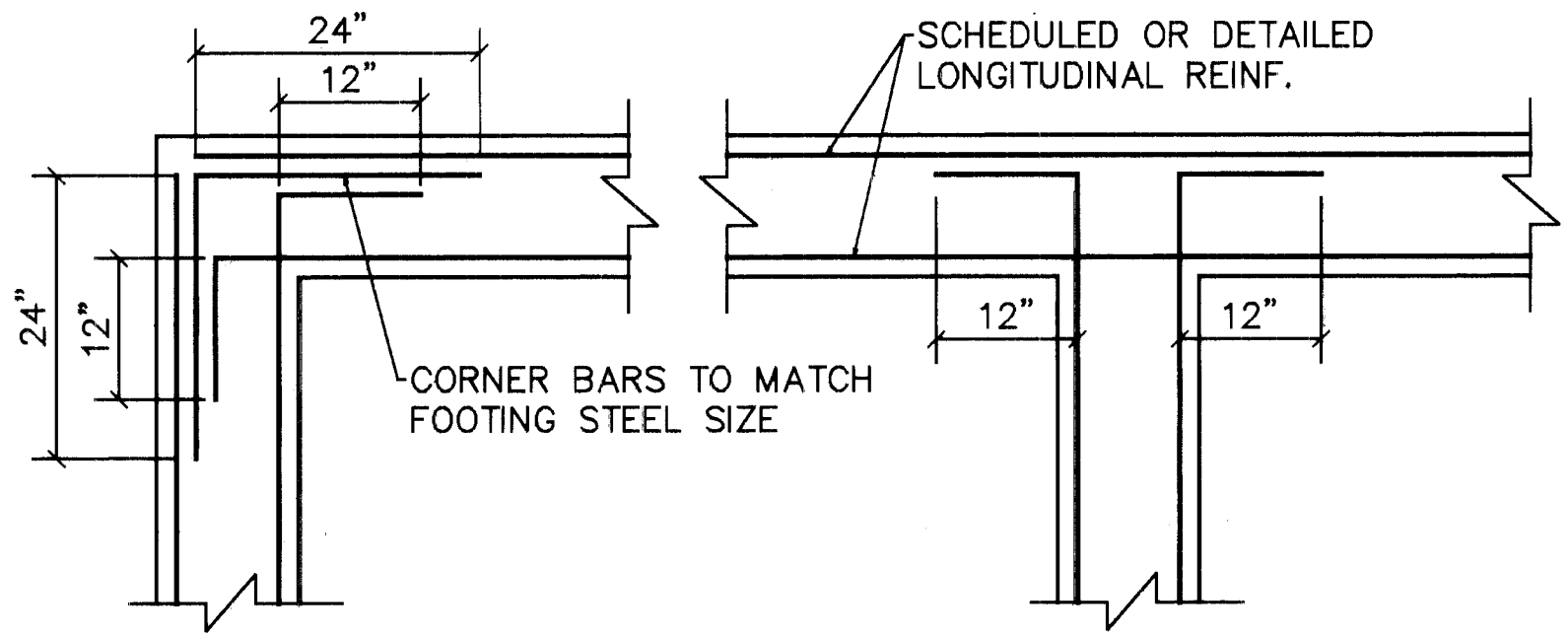
CUTOFF WALL @ CHANNEL ENDS

SCALE: 1/2" = 1'-0"



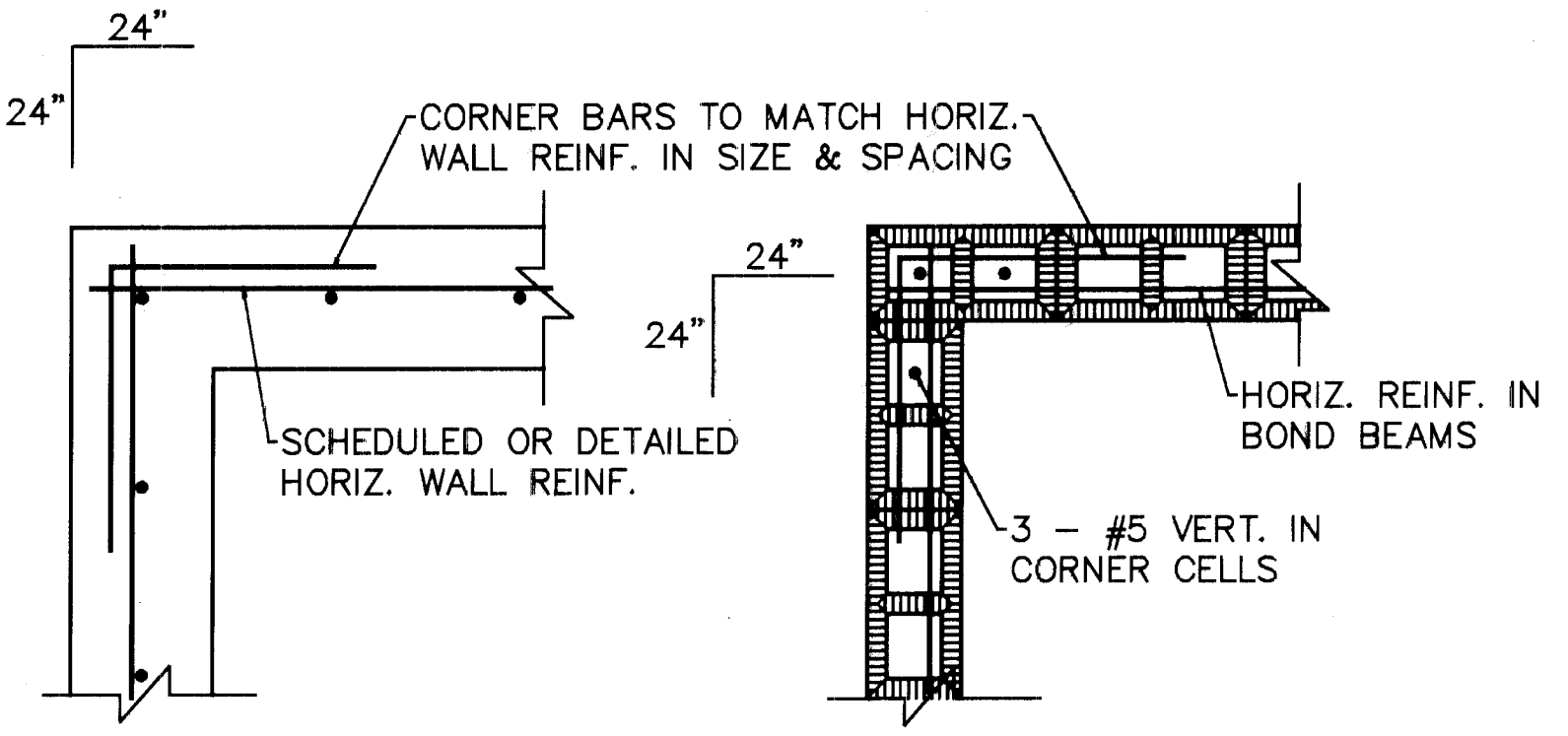
TYPICAL HEADWALL/WINGWALL

SCALE: 1/2" = 1'-0"



TYPICAL CORNER REINFORCING IN FOOTINGS

N.T.S.



CONCRETE WALLS

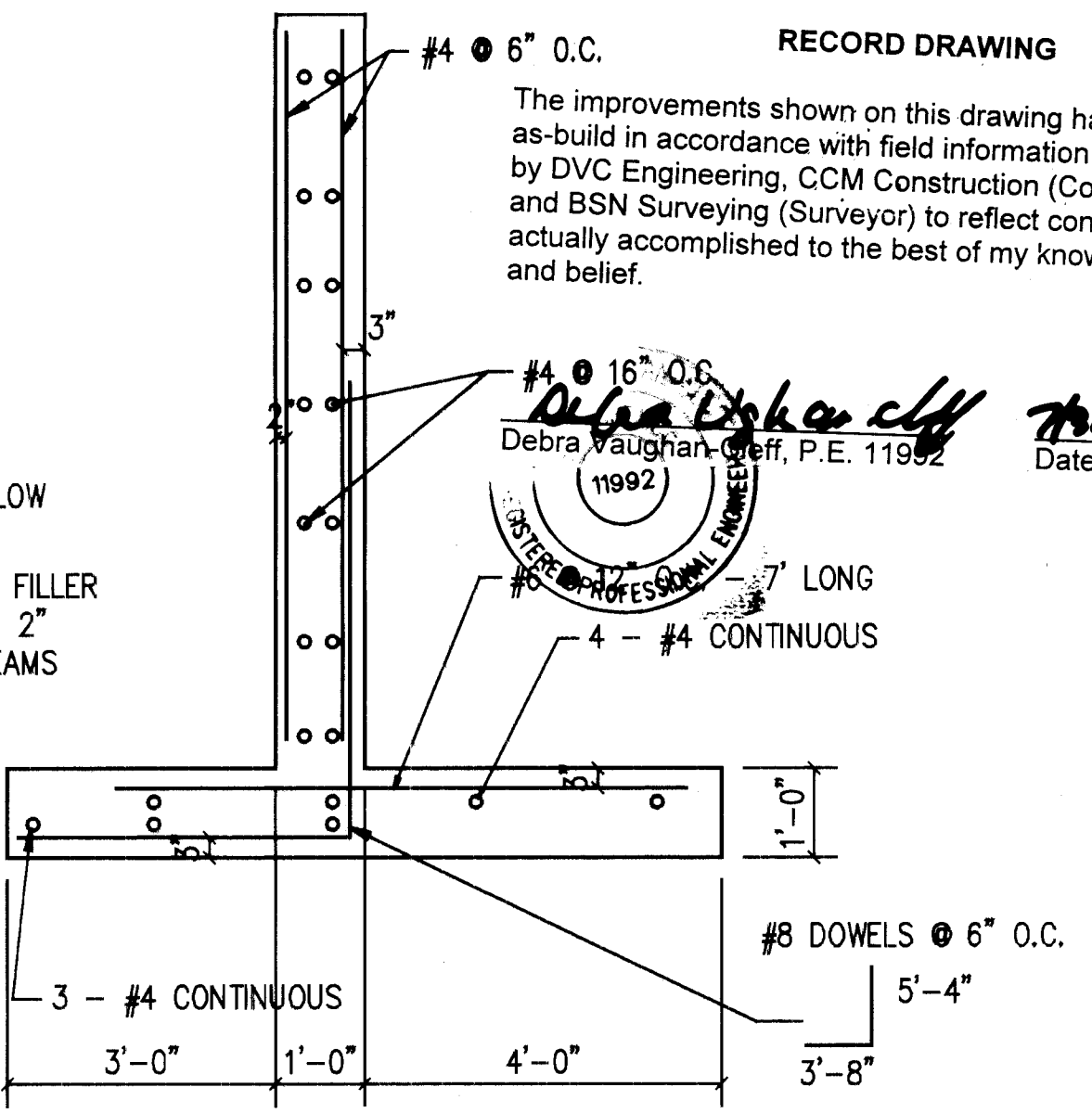
MASONRY WALLS

TYPICAL CORNER REINFORCING IN WALLS

N.T.S.

BRIDGE BID ITEM NOTES:

1. BID ITEM 0501.01 - STRUCT. BACKFILL & COMP - ABUTMENT & WINGWALLS. THIS QUANTITY IS LIMITED TO BACKFILL 10' BEHIND THE WALL. ALL OTHER BACKFILL IS PAID FOR UNDER ITEM 0204.01 - FILL, BARROW, HAUL & COMPACT.
2. BID ITEM 0601.01 - EXCAV/BF/COMP, CHNLS REFERS TO ALL EXCAVATION, BACKFILL, AND COMPACTION NECESSARY TO PREPARE THE SUBGRADE IN THE CHANNEL FOR THE CHANNEL SLAB, RIPRAP, AND CART PATHS AFTER UNCLASSIFIED EXCAVATION IS COMPLETE FOR THE CHANNEL.
3. BID ITEM 0601.02 - EXCAV & DISP, U, CHNLS - IS LIMITED TO EXCAVATION AND DISPOSAL OF MATERIALS WITHIN THE AREA OF THE BRIDGE INCLUDING EXCAVATION AROUND CULVERTS, REMOVAL OF ROCK SLOPE, BOULDERS, ETC. BOULDERS AND ROCKS SHALL BE STOCKPILED AND RE-INSTALLED ON SLOPES OUTSIDE THE ROADWAY PRISM IN THE VICINITY OF THE GOLF COURSE PROPER AT THE DIRECTION OF THE ENGINEER. THE RE-INSTALLATION IS PART OF THE PERMANENT GOLF COURSE LANDSCAPING AND SHALL BE COORDINATED WITH THE GOLF COURSE MAINTENANCE PERSONNEL.



NORTH CENTER HEADWALL

SCALE: 1/2" = 1'-0"

BID SET
APRIL 10, 1996

K-V - CADD
KEMPER-VAUGHAN
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COMPUTER FILE: SN

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

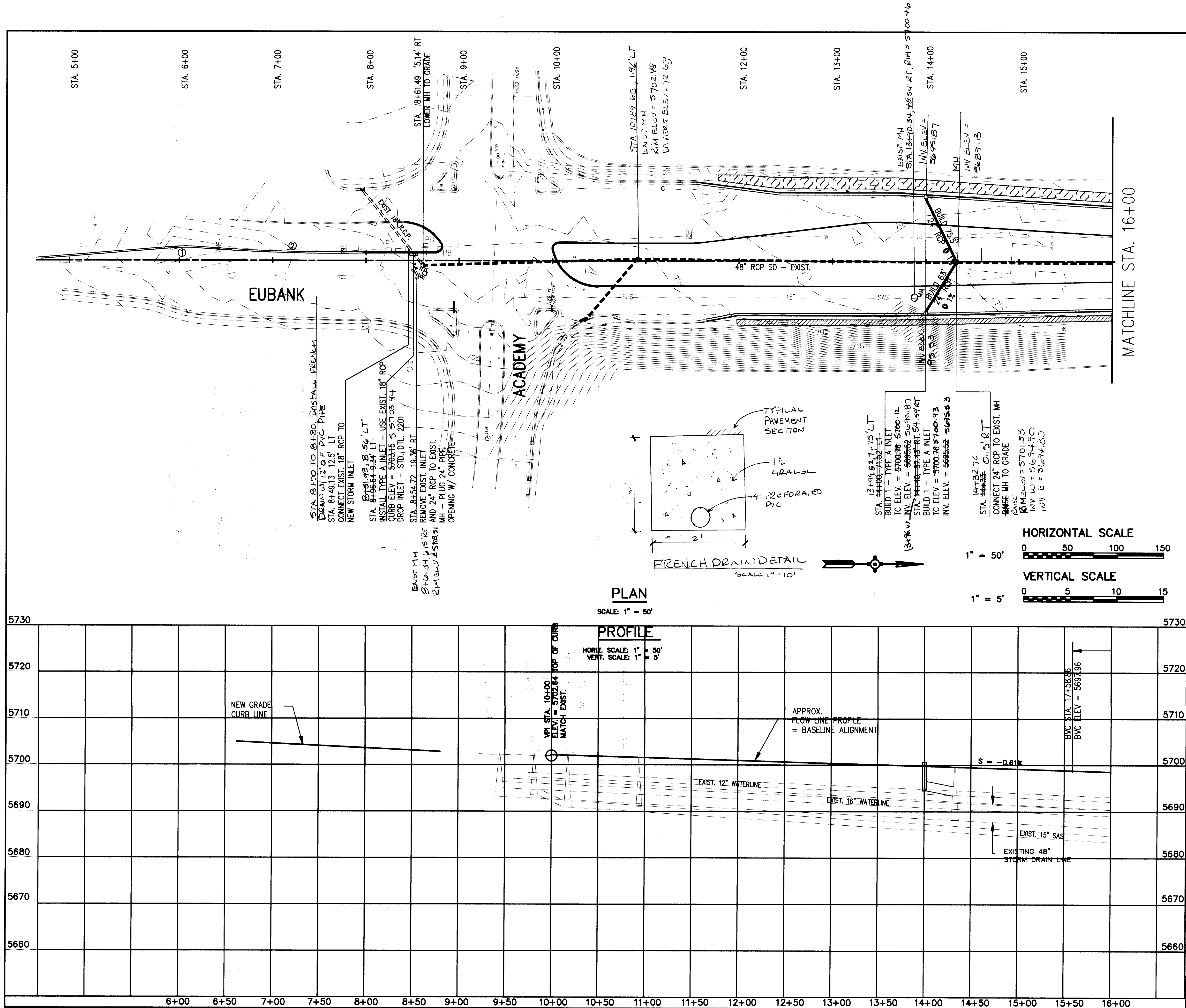
TITLE: GENERAL NOTES - MISC DETAILS
EUBANK BRIDGE

Mo./Day/Yr.	Mo./Day/Yr.
1/11/96	4/10/96
2/25/96	
3/18/96	
3/31/96	

City Project No. 4405-90 Zone Map No. D-20 Sheet 20 of 46

SCANNED BY
BY LASON

SCALE 1/2" = 1'-0"



NOTES:

RECORD DRAWING

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Debra Vaughan-Clegg
7/2/90
100-11902

- NEW SIDEWALK
- NEW TRAIL
- NEW MEDIAN CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW ASPHALT CURB
- NEW STORM DRAIN (TYPE/SIZE)
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. IRRIGATION LINE
- EXIST. GAS LINE
- EXIST. SANITARY SEWER/SIZE
- EXIST. WATER LINE/SIZE
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- EXIST. LIGHTING PULL BOX
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT

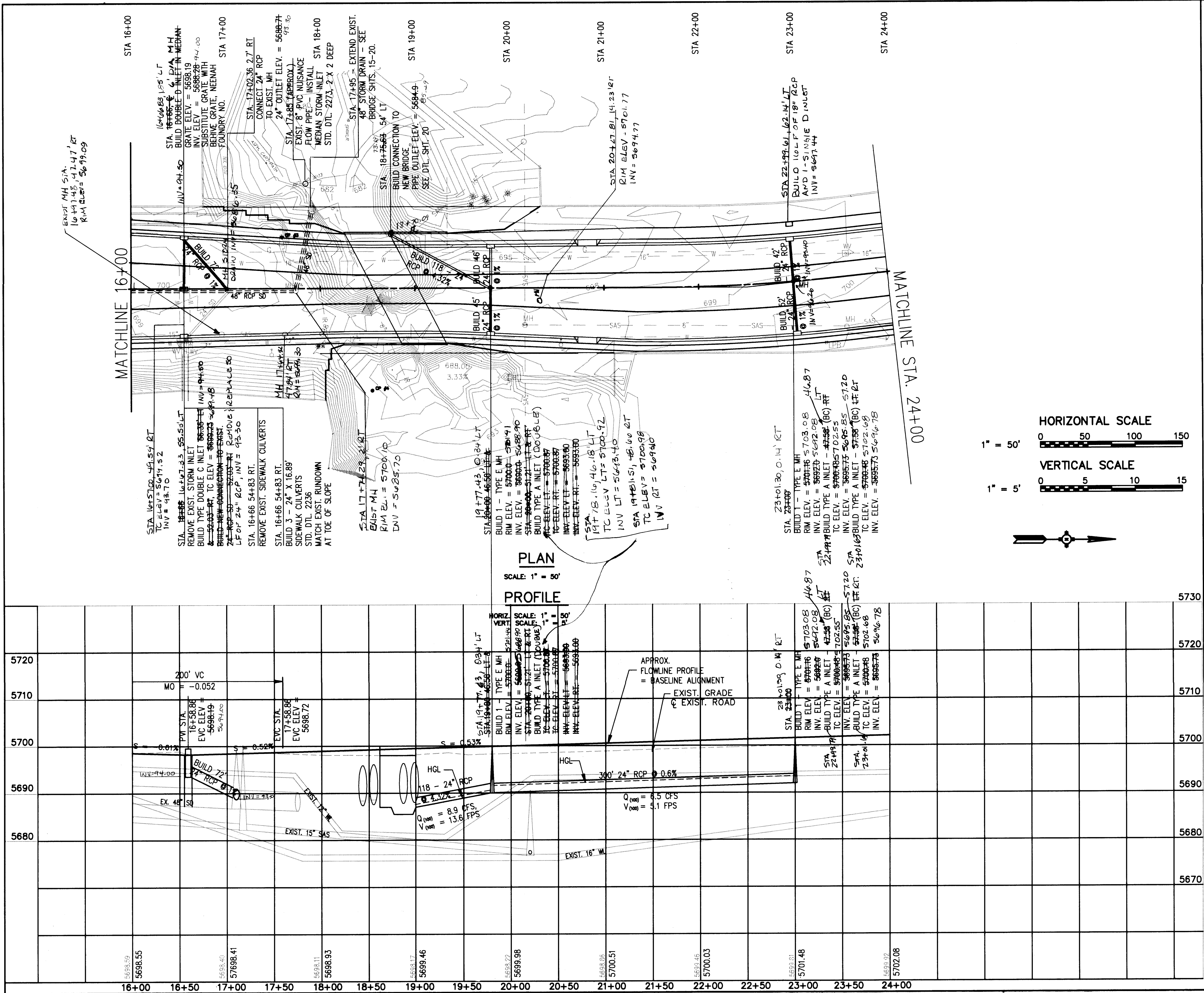
DVC Debra Vaughan-Clegg, P.E.
Consulting Engineer
6212 Torreon NE
Albuquerque, New Mexico 87109
(505) 249-8196
Fax: (505) 828-1215

File: ED-PP1

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK STORM SEWER PLAN & PROFILE
STA. 6+00 TO 16+00

City Project No.	Zone Map No.	Sheet	Of
4405-90	D-20	21	46



NOTES:

RECORD DRAWING

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Debra Vaughan-Cleff, P.E. 7/1/97
Debra Vaughan-Cleff, P.E. 11992 Date

LEGEND

- NEW SIDEWALK
- NEW TRAIL
- NEW CURB AND GUTTER
- EXIST. STORM DRAIN (TYPE/SIZE)
- EXIST. IRRIGATION LINE
- EXIST. GAS LINE
- EXIST. SANITARY SEWER/SIZE
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- EXIST. LIGHTING PULL BOX
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT

DVC Debra Vaughan-Cleff, P.E.
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DVC Fax: (505) 828-1215

File: ED-PP2

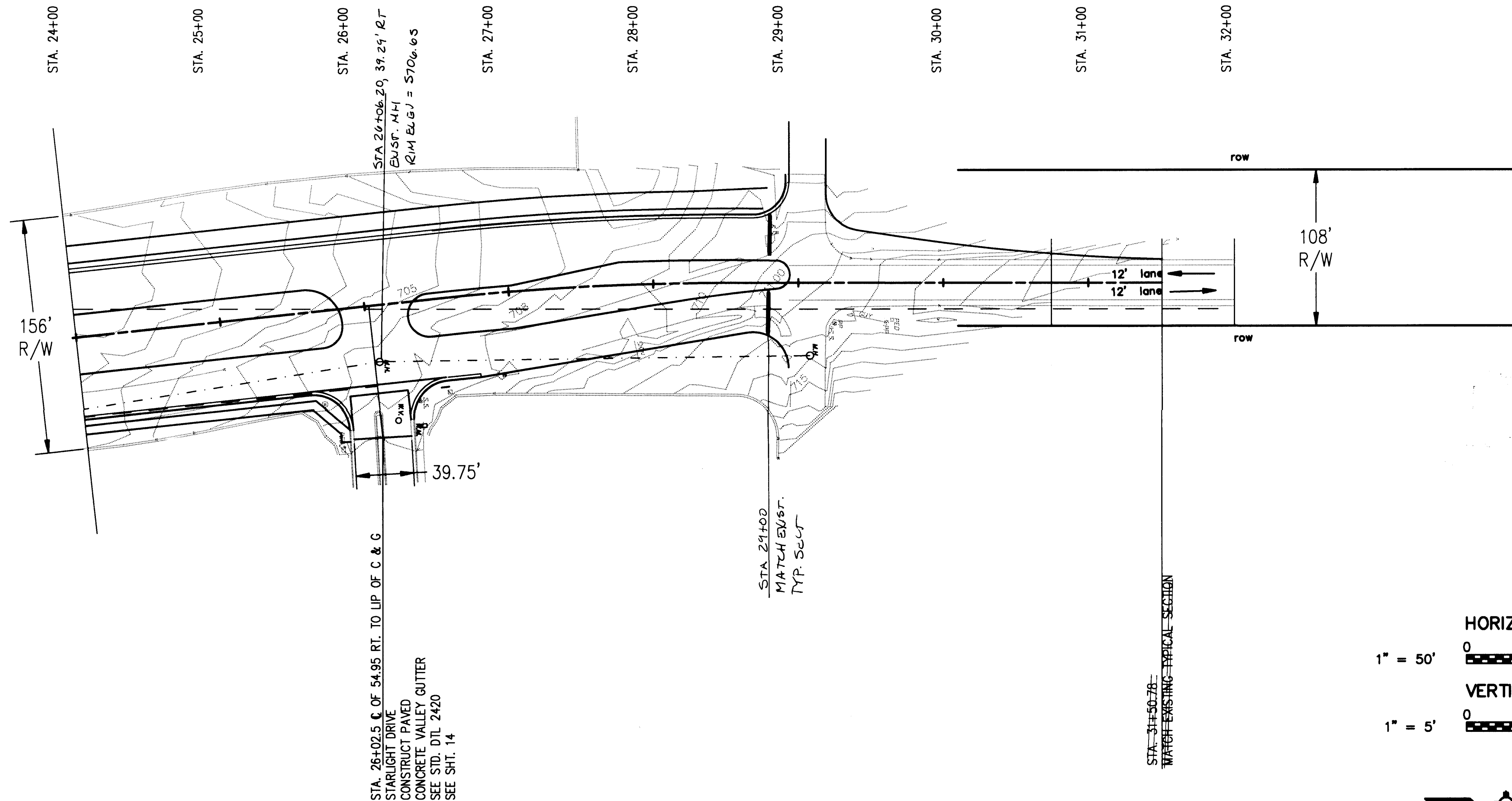
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK STORM SEWER PLAN & PROFILE
STA. 16+00 TO 24+00

B.G.B.
4-12-96

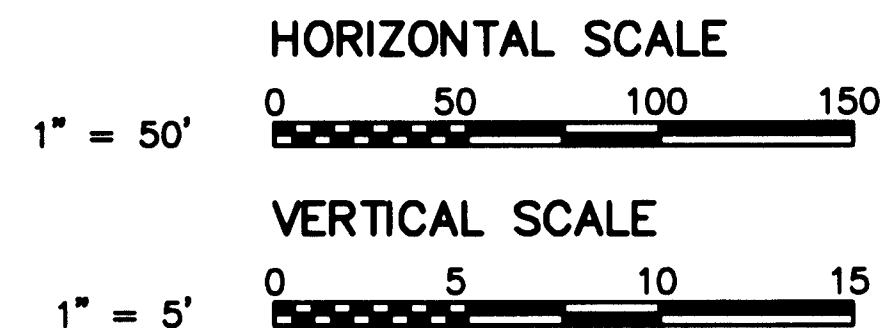
City Project No. 4405-90 Zone Map No. D-20 Sheet 22 Of 46

SCANNED BY
BY LASON



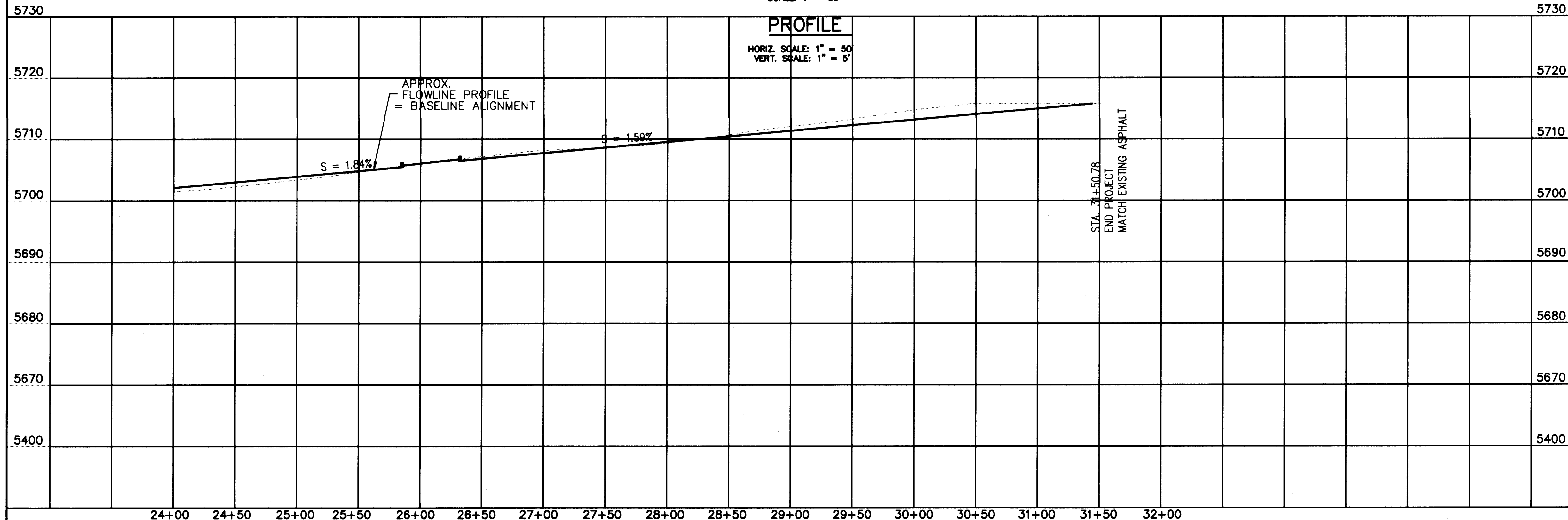
PLAN

SCALE: 1" = 50'



PROFILE

HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'



NOTES:

RECORD DRAWING

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Debra Vaughan-Clegg, P.E. 11992 Date 7/12/19

LEGEND

- NEW SIDEWALK
- NEW TRAIL
- NEW CURB AND GUTTER
- 48" RCP SD
- EXIST. STORM DRAIN (TYPE/SIZE)
- IR— 8"— EXIST. IRRIGATION LINE
- G— EXIST. GAS LINE
- SAS— 15"— EXIST. SANITARY SEWER/SIZE
- W— 12"— EXIST. WATER LINE/SIZE
- EXIST. TELEPHONE PEDESTAL
- EXIST. GUARD RAIL
- EXIST. DROP INLET
- EXIST. BOULDERS
- EXIST. MANHOLE
- EXIST. SLUMP BLOCK WALL
- EXIST. TREE
- LPB
- EXIST. LIGHTING PULL BOX
- EXIST. WATER VALVE
- EXIST. TRAFFIC SIGN
- EXIST. LIGHT

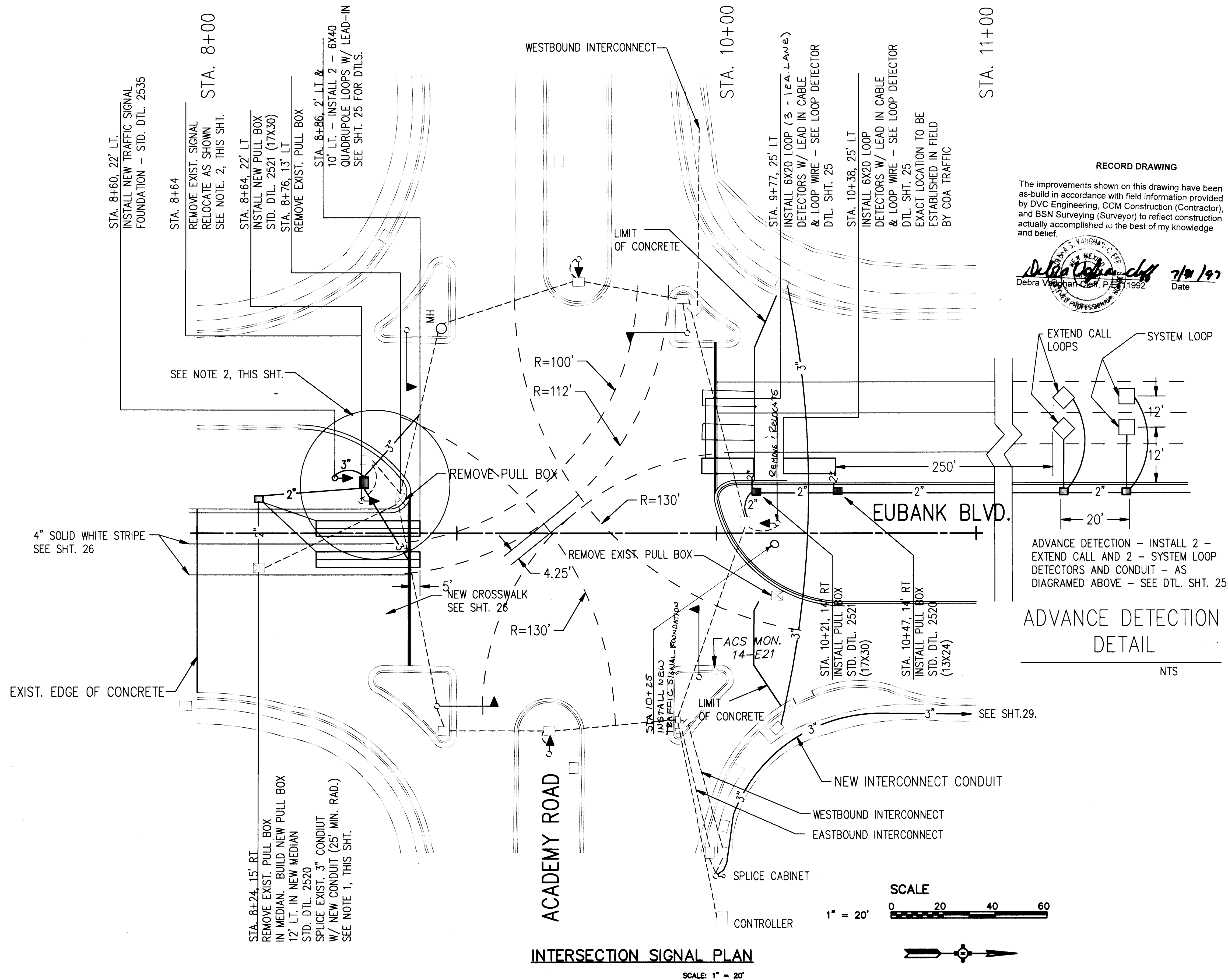
DVC Debra Vaughan-Clegg, P.E.
DVC Consulting Engineer
DVC 8212 Torreon NE
DVC Albuquerque, New Mexico 87109
DVC (505) 248-6196
DVC Fax: (505) 828-1215

File:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: EUBANK STORM SEWER PLAN & PROFILE
STA. 24+00 TO 32+00

City Project No. 4405-90 Zone Map No. D-20 Sheet 23 Of 46



NOTES:

1. SIGNAL AND LIGHTS SHALL REMAIN IN OPERATION DURING CONSTRUCTION, EXCEPT DURING REWIRING FOLLOWING RELOCATION OF PULL BOXES AND CONDUIT. CONTRACTOR SHALL HIRE OFF DUTY POLICE OFFICERS TO CONDUCT TRAFFIC CONTROL DURING RELOCATION OF ANY SIGNAL RELATED EQUIPMENT. THIS ITEM SHALL BE INCIDENTAL TO RELOCATION OF SIGNAL AND RELATED PULL BOXES ONLY.
2. INTERSECT EXIST. 3" SCH. 40 PVC CONDUIT AND EXTEND TO NEW PULL BOX AS SHOWN - 20' RADIUS MINIMUM TO BE USED ON THESE SWEEPS. CONTRACTOR SHALL INSTALL NEW S.P. FOUNDATION AND RELOCATED SIGNAL WORK ON MEDIAN PRIOR TO INTERCEPTING CONDUIT. CONTRACTOR SHALL CONTACT CITY TRAFFIC ENGINEERING (ED TOLEDO) AT 857-8000 FIVE (5) WORKING DAYS PRIOR TO INTERCEPTING EXISTING CONDUIT AND COORDINATE WORK WITH TRAFFIC. COA TRAFFIC WILL COMPLETE REQUIRED SIGNAL WIRING AT INTERSECTION.

LEGEND

- EXISTING PULL BOX TO REMAIN
- EXISTING PULL BOX TO BE RELOCATED OR REMOVED
- NEW PULL BOX - SMALL STD. DTL. 2520
- NEW PULL BOX - LARGE STD. DTL. 2521
- EXISTING CONDUIT
- NEW 2" CONDUIT - PVC
- NEW 3" CONDUIT - PVC
- EXIST. MASTARM TO REMAIN
- EXIST. SIGNAL STANDARD TO REMAIN
- RELOCATED SIGNAL POLE ON NEW FOUNDATION, SEE NOTE 2, THIS SHT.

DVC
DVC
DVC
DVC

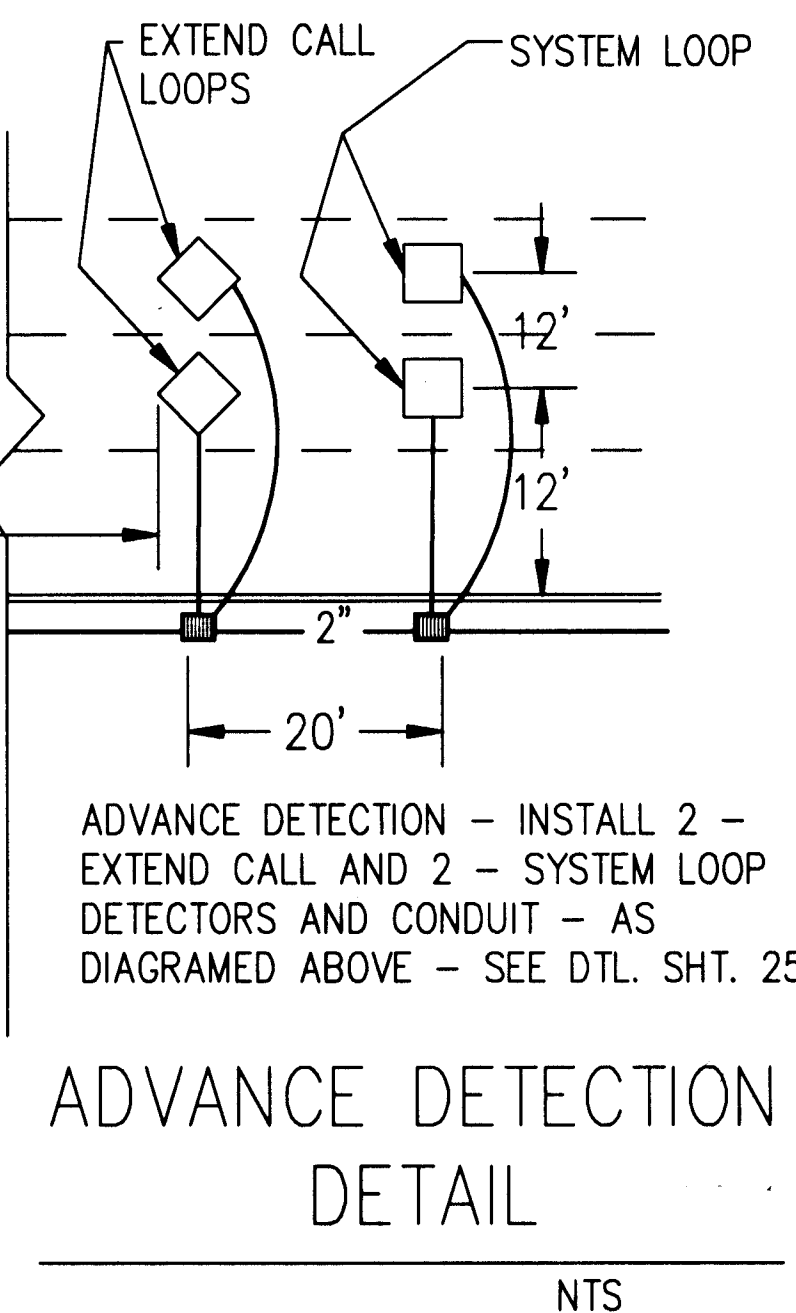
Debra Vaughan-Cheff, P.E.
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 8212 Torreon NE
 Albuquerque, New Mexico 87109
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TRANSPORTATION DEVELOPMENT DIVISION	
TITLE: EUBANK/ACADEMY INTERSECTION PLAN	
City Project No. 4405. 90	Zone Map No. D-20
Sheet 24	Of 46
Last Design Update No./Day/Yr. No./Day/Yr. No./Day/Yr. No./Day/Yr. No./Day/Yr. No./Day/Yr. No./Day/Yr. No./Day/Yr.	
Drawn By Designed By Checked By	

RECORD DRAWING

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Debra Vaughan-Cheff
 Debra Vaughan-Cheff, P.E.
 7/1/97
 Date



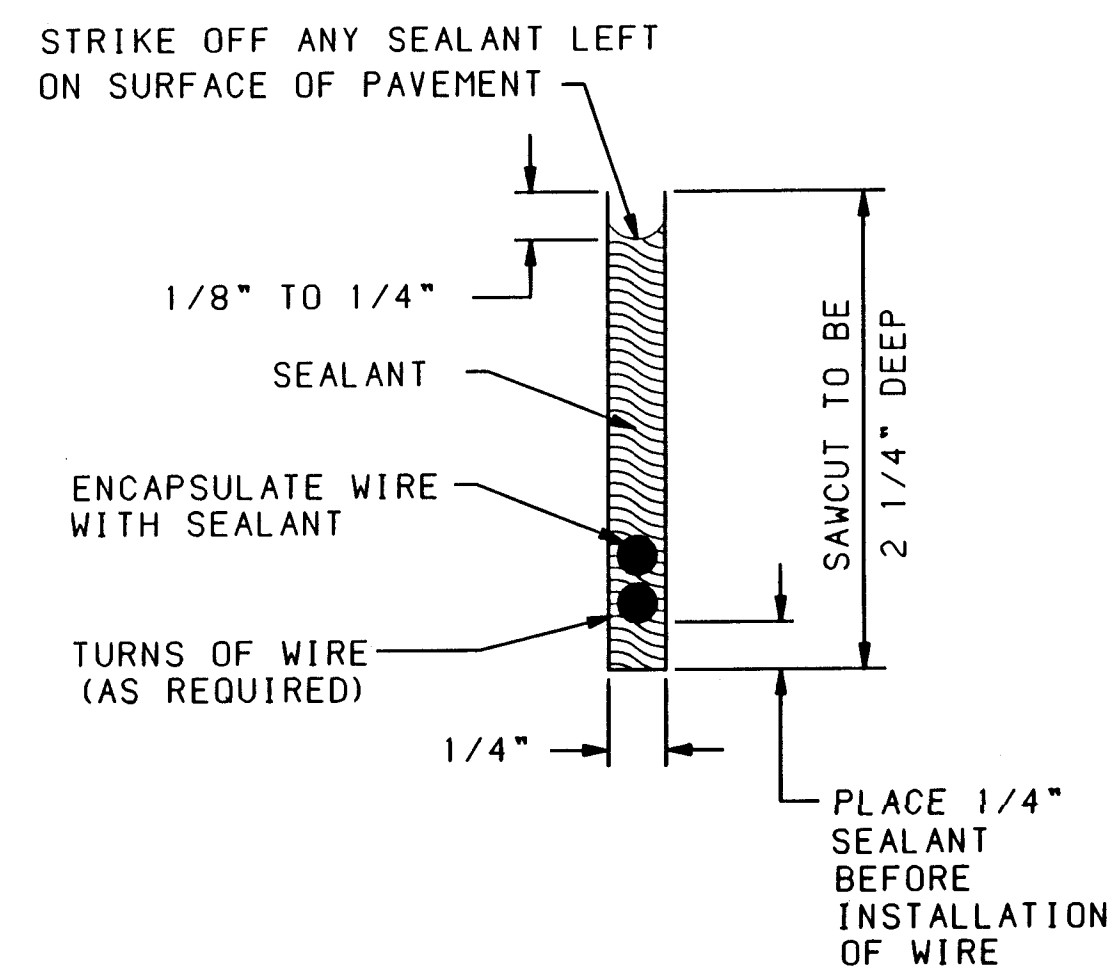
SCALE

1" = 20'

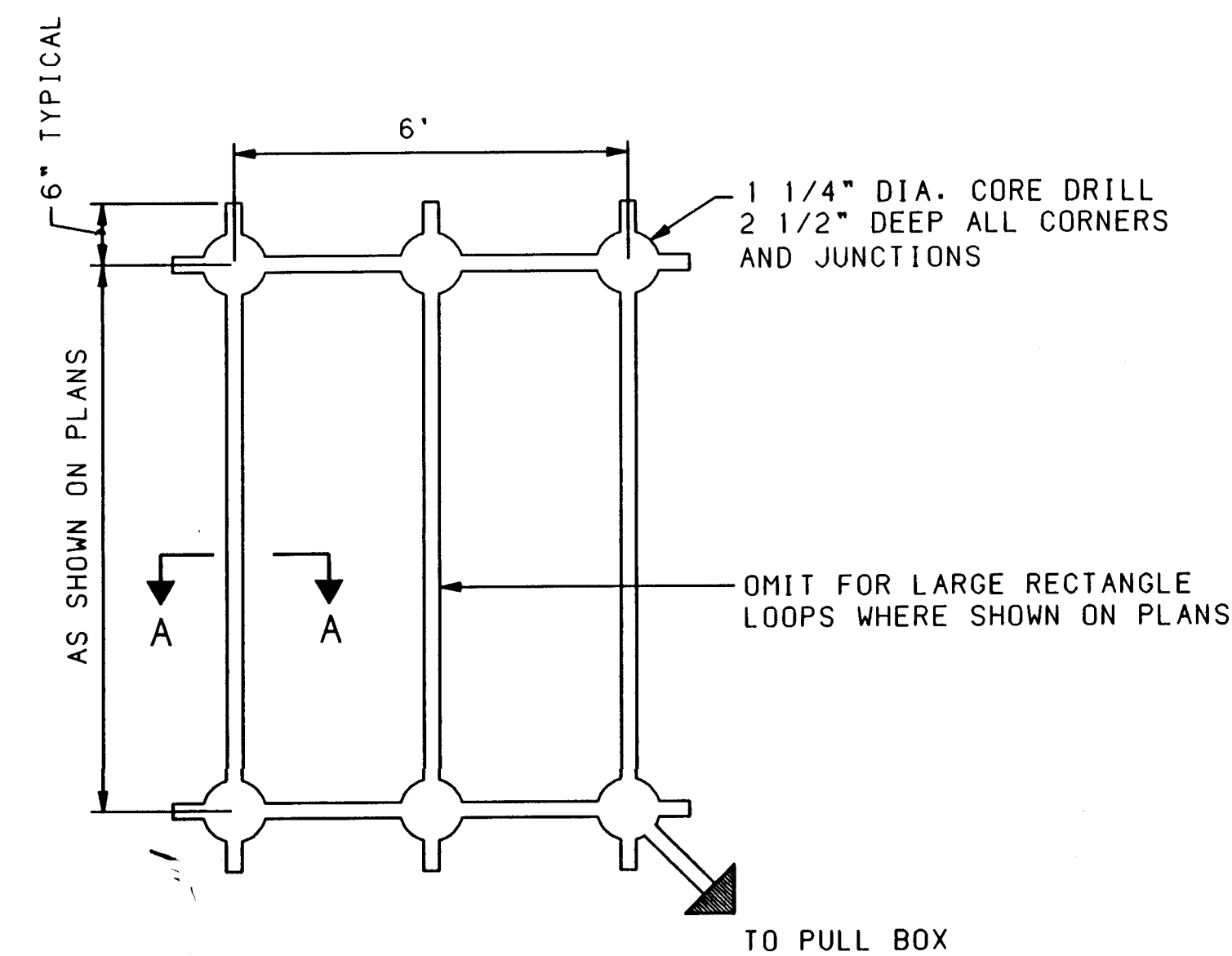
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INTERSECTION SIGNAL PLAN

SCALE: 1" = 20'

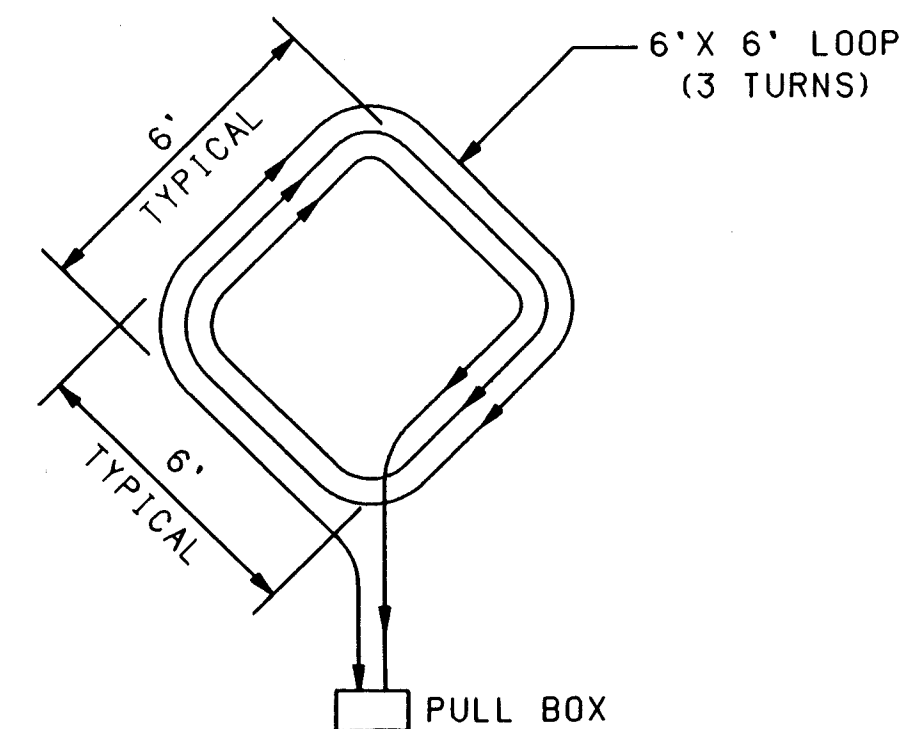


SECTION A-A

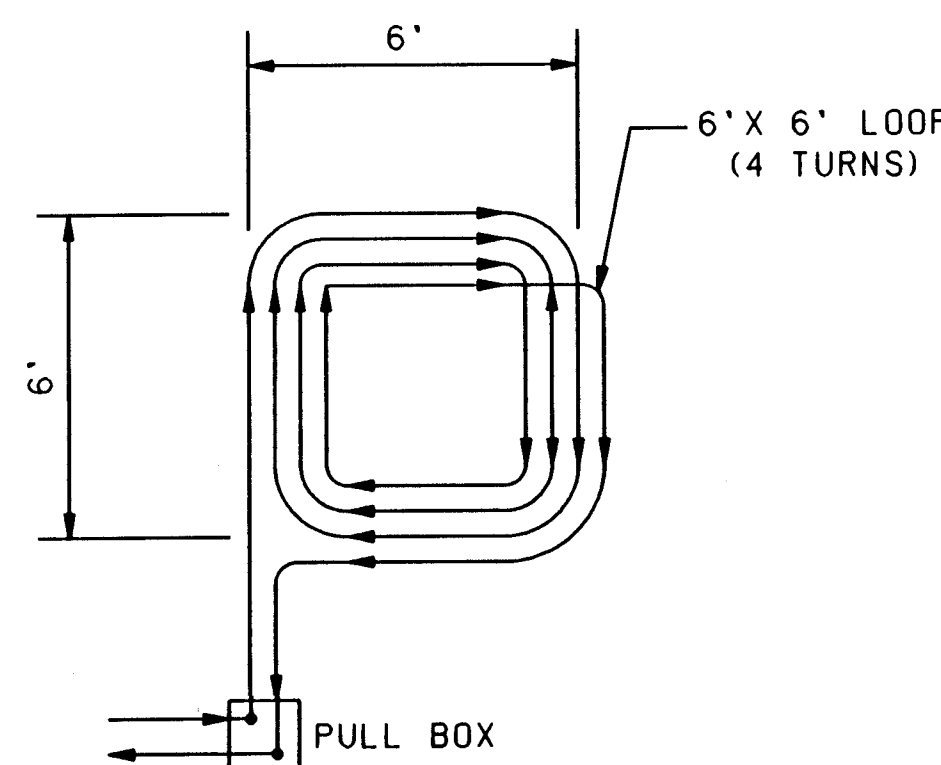


PLAN VIEW

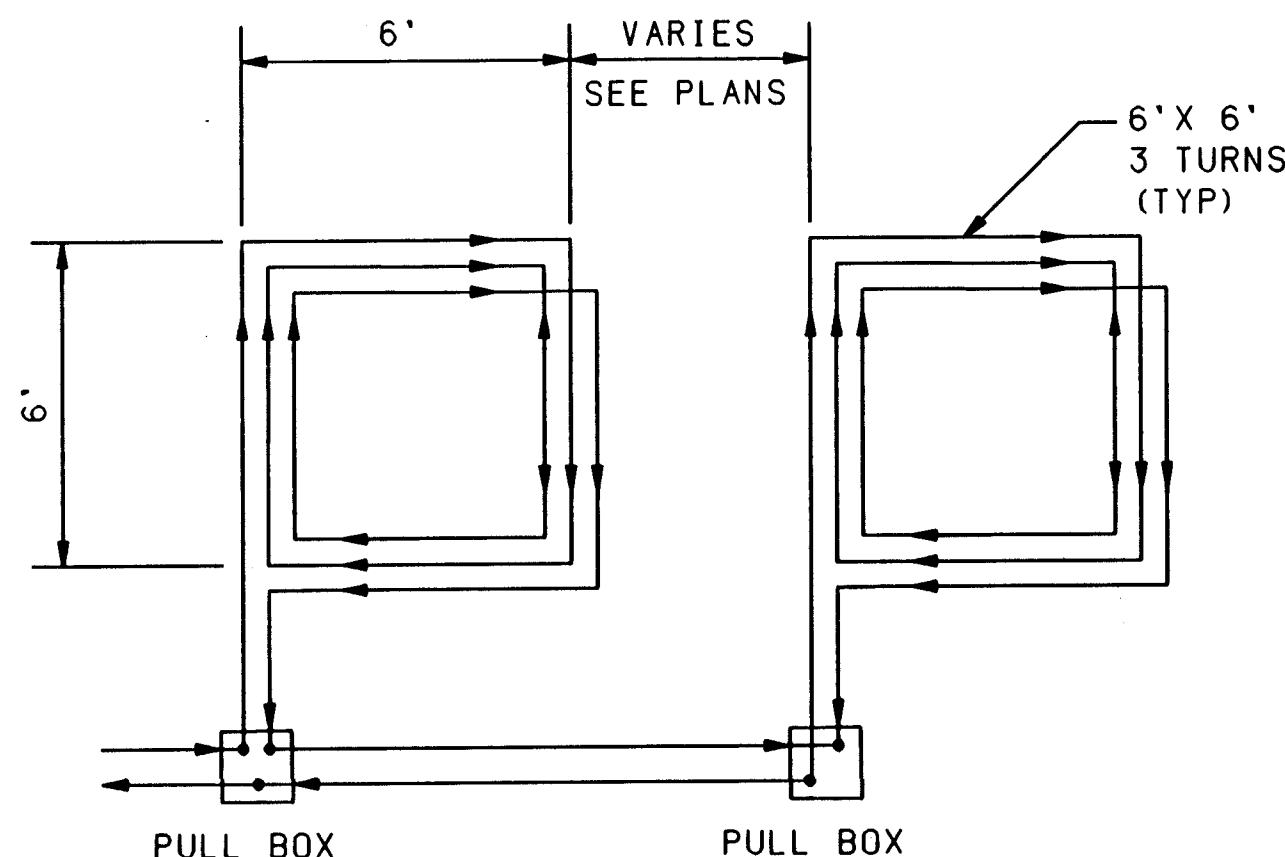
TYPICAL ROADWAY LOOP SAWCUT DETAIL



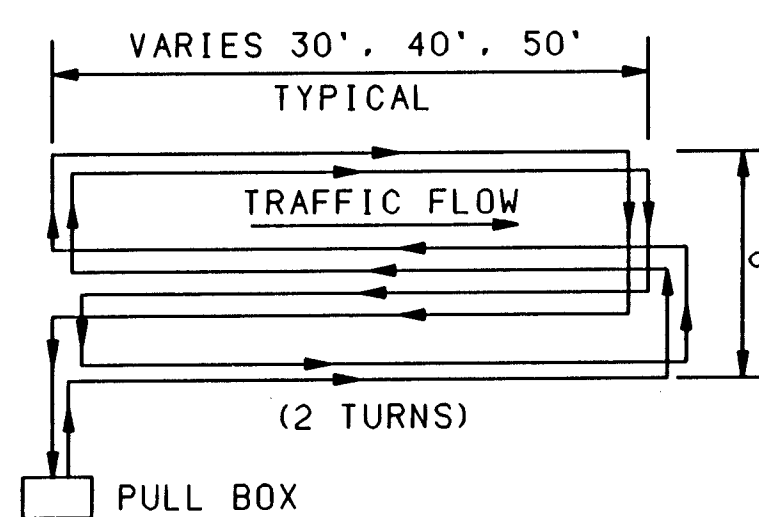
EXTEND CALL LOOP WIRING DETAIL



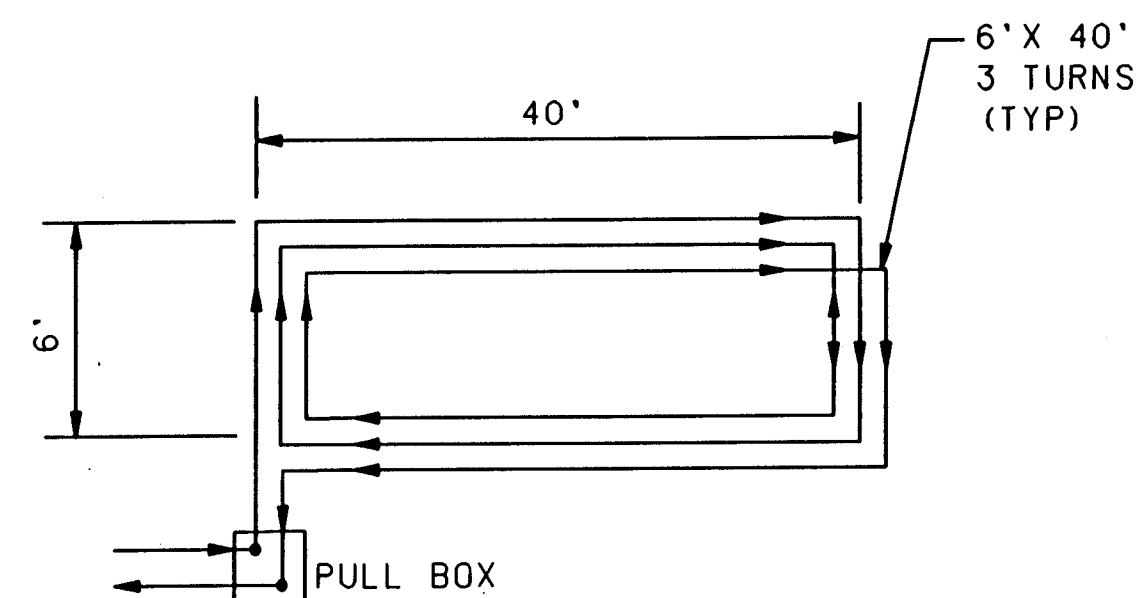
SYSTEM LOOP WIRING DETAIL



SERIES LOOP WIRING DETAIL



QUADRUPOLE LOOP WIRING DETAIL

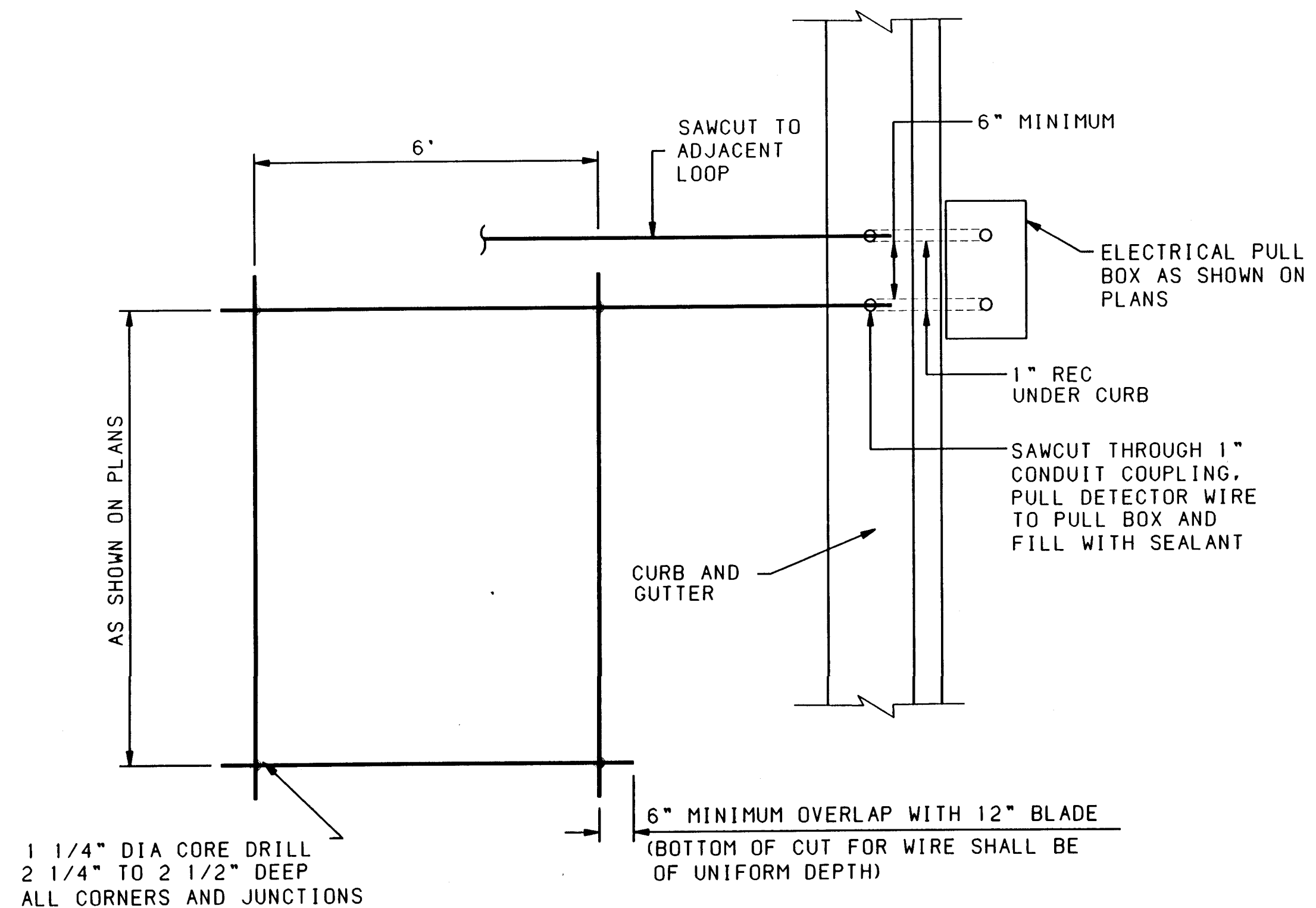


LARGE RECTANGULAR LOOP WIRING DETAIL

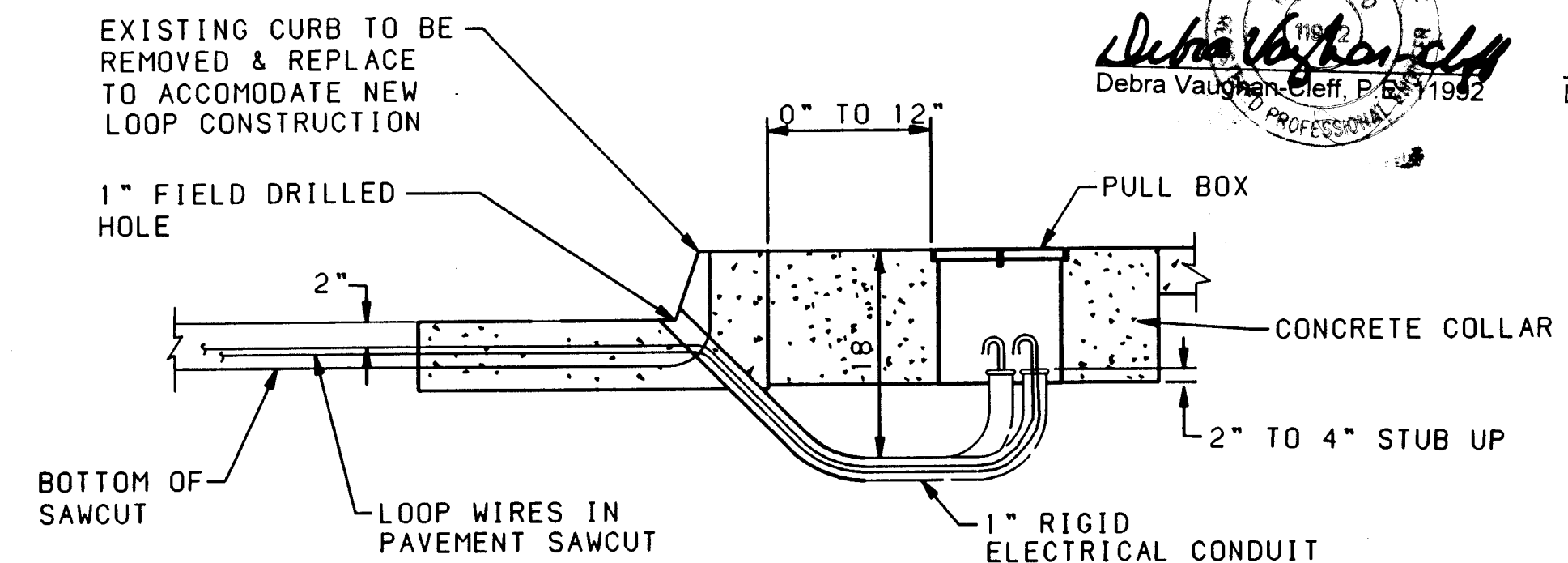
NOTES

1. WIRES MUST BE WOUND IN THE DIRECTION SHOWN.
2. QUADRUPOLE LOOPS SHALL HAVE 2 TURNS.
3. EXTEND CALL LOOPS SHALL HAVE 3 TURNS.
4. SYSTEM DETECTOR LOOPS SHALL HAVE 4 TURNS.
5. LARGE RECTANGLE LOOPS SHALL HAVE 3 TURNS

TYPICAL LOOP WIRE PLACEMENT DETAILS



PLAN VIEW



SECTION

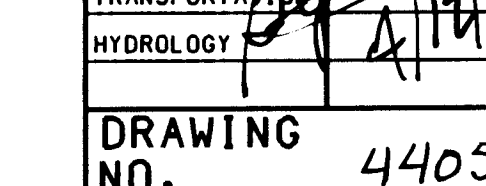
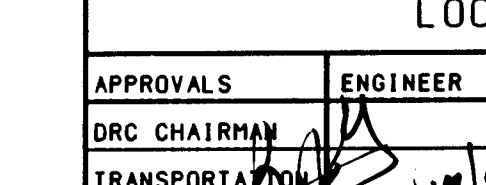
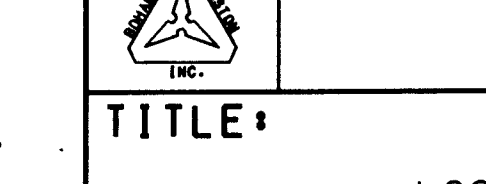
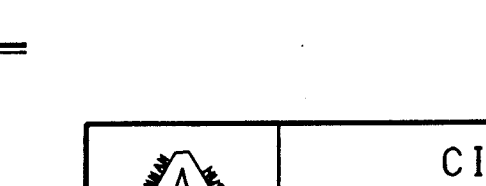
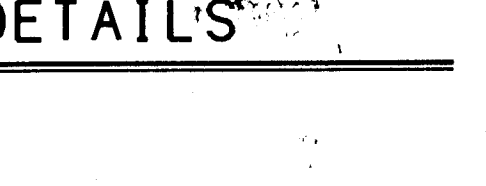
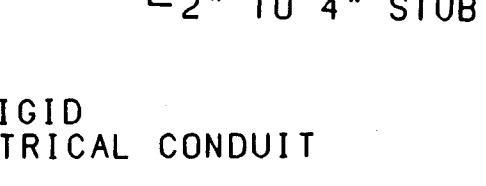
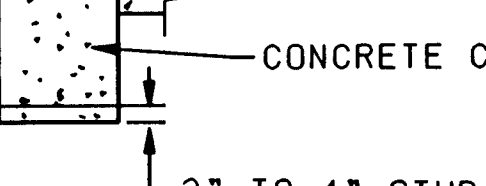
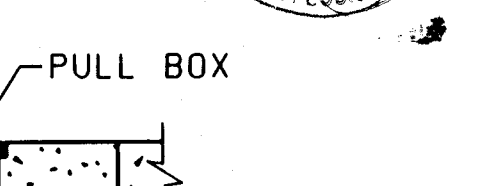
LOOP WIRE TERMINATION DETAILS

LOOP DETECTOR NOTES

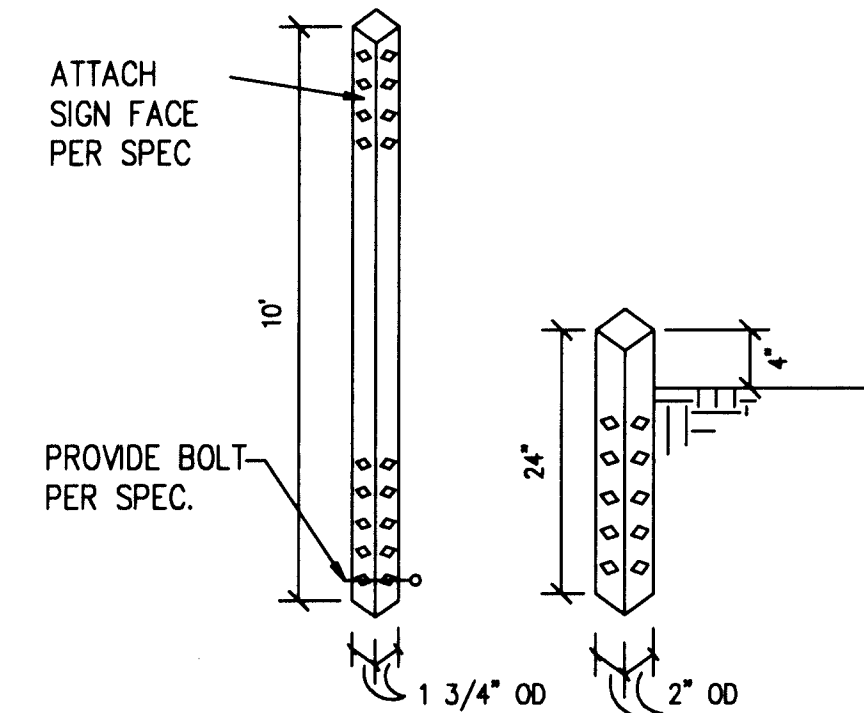
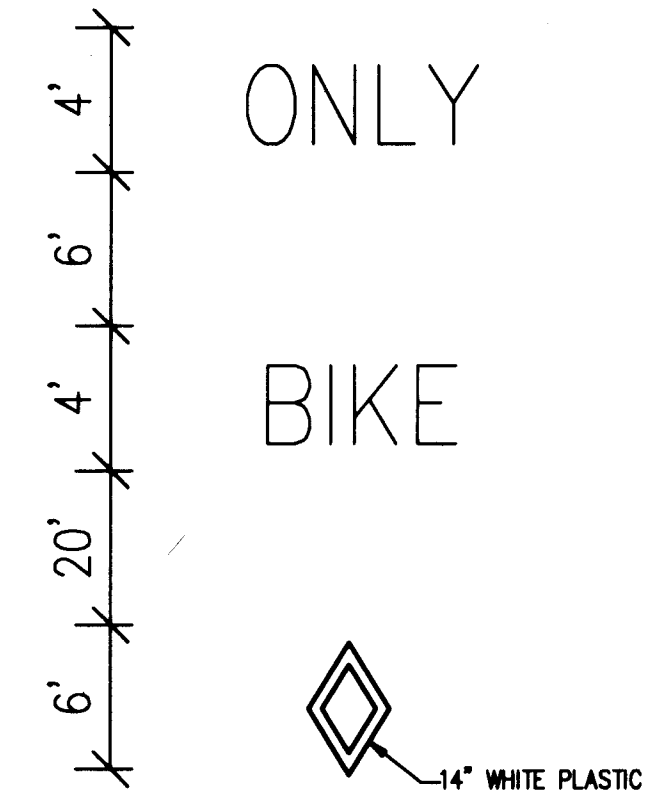
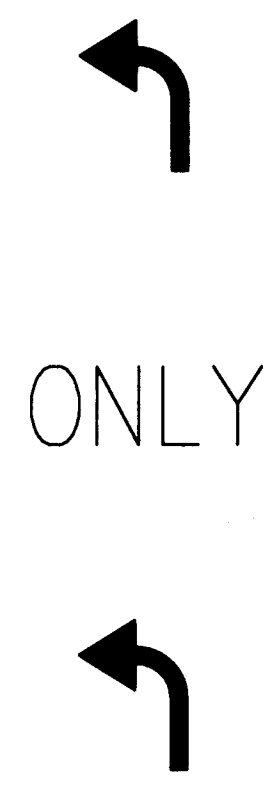
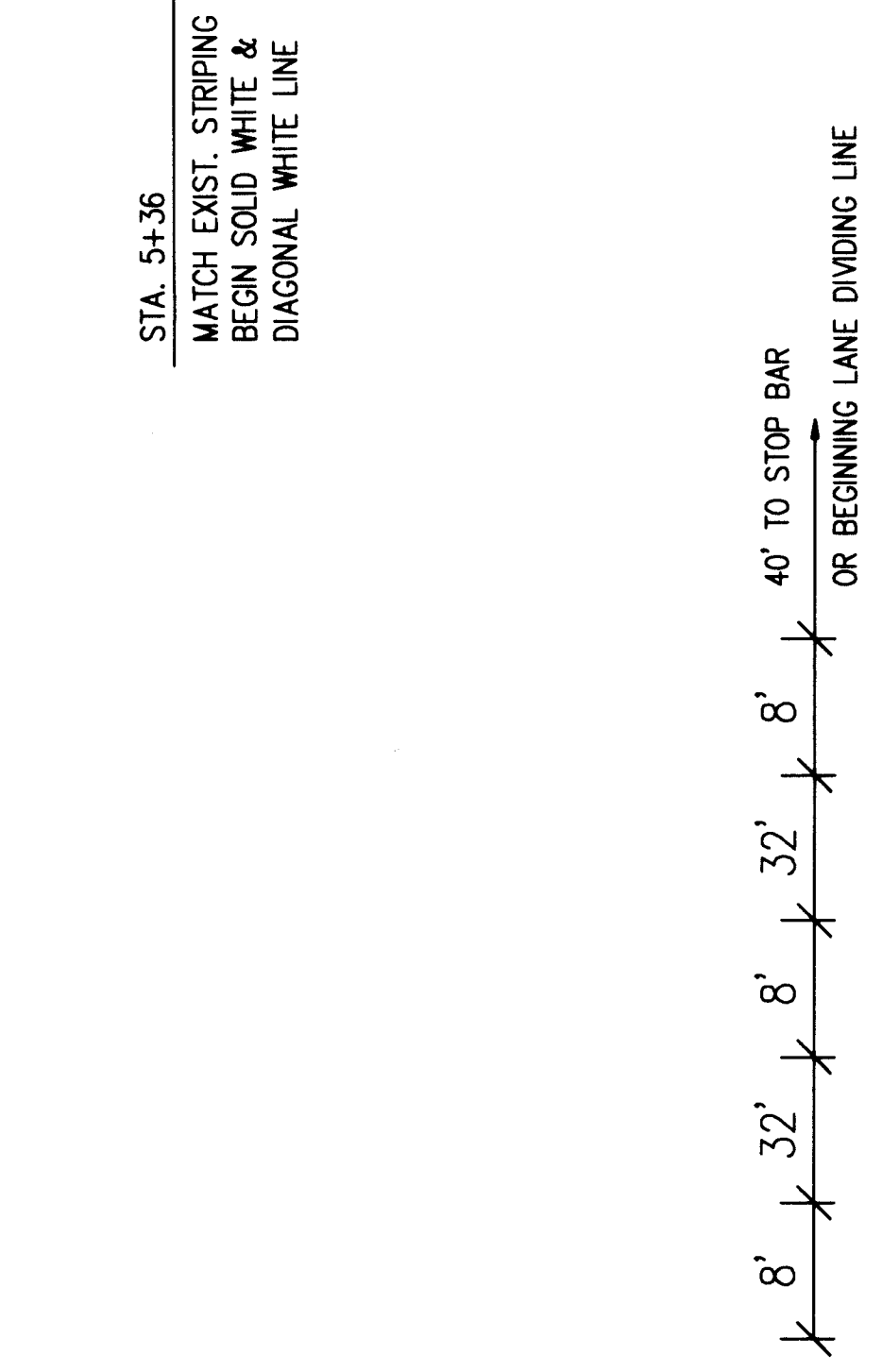
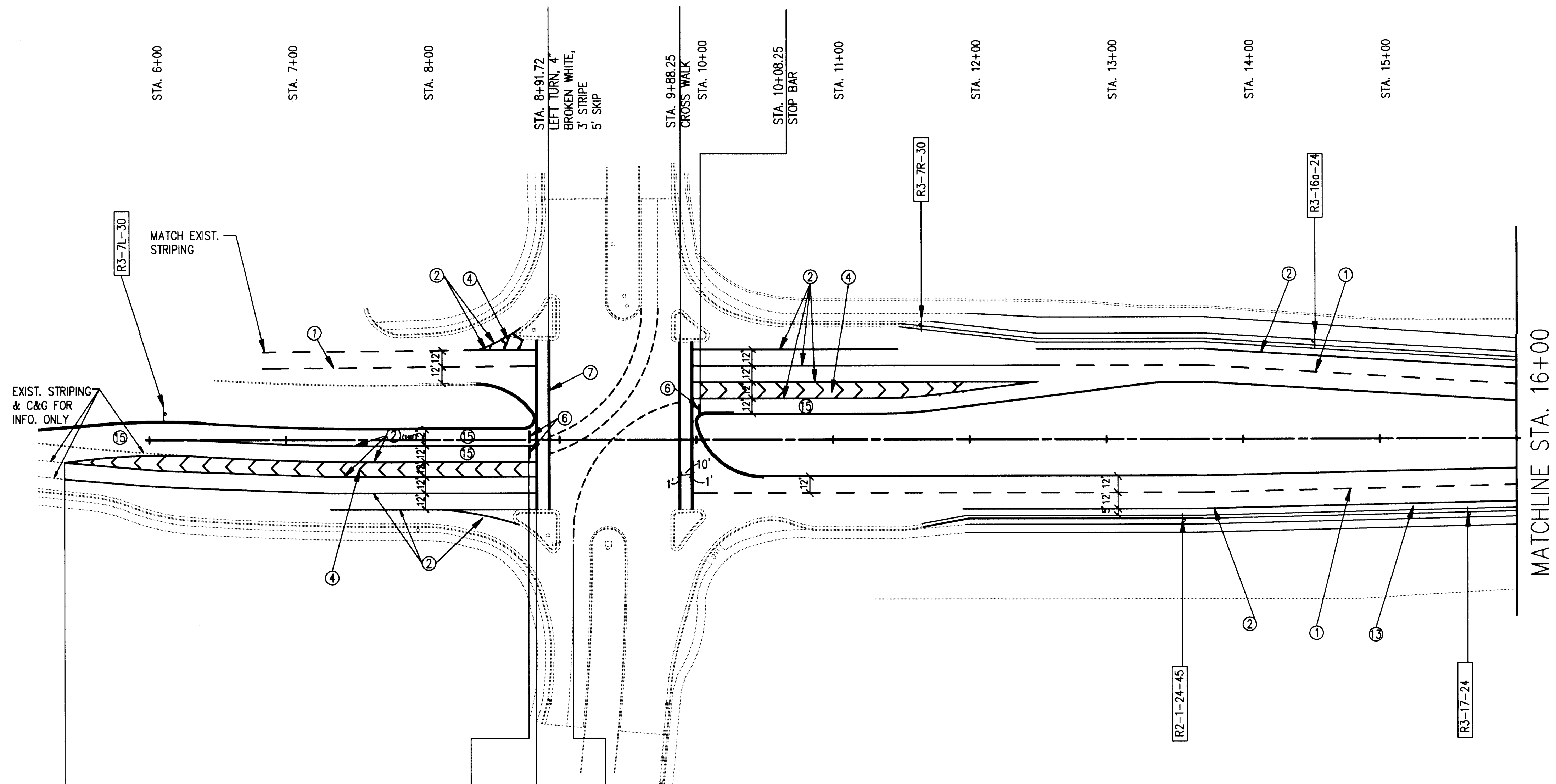
1. ALL LOOP DETECTOR WIRE SHALL BE NO. 14 AWG STRANDED COPPER WIRE WITH CROSSLINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF I.M.S.A. SPECIFICATIONS NO 51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12\"/>
2. ALL LOOP LEAD IN CABLES SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY LOOP AND AND PHASE NUMBER.
3. GROUND LOOP LEAD IN CABLE SHIELDING IN CONTROL CABINET.
4. SEPARATE 1\"/>

RECORD DRAWING
The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

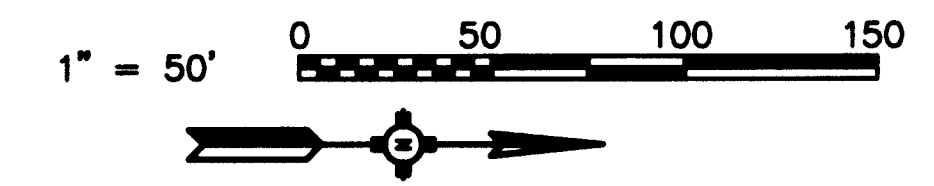
Debra Vaughan, P.E. 7/3/96
Date



CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING					
TITLE: TRAFFIC SIGNAL LOOP DETECTOR DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
ORG CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY			TRAF. OPER.		
DRAWING NO.	4405-90	MAP NO.	D-20	SHEET	25 OF 46



- KEYED NOTES: ○
1. APPLY PLASTIC LANE LINE - 4" WHITE BROKEN, 10' STRIPE, 30' SKIP
 2. APPLY PLASTIC EDGE LINE - 4" WHITE SOLID
 3. APPLY PLASTIC EDGE LINE - 4" YELLOW SOLID
 4. APPLY PLASTIC DIAGONAL LINE - 6" WHITE SOLID, 25' SPACING, 45 DEGREES
 5. APPLY PLASTIC DOUBLE CENTERLINE - 2-4" YELLOW SOLID
 6. APPLY 12" PLASTIC STOP BAR
 7. APPLY 12" PLASTIC CROSSWALK
 8. APPLY LEFT TURN ARROW
 9. APPLY THRU ARROW
 10. APPLY RIGHT TURN ARROW
 11. APPLY PLASTIC LINE - 8" SOLID WHITE
 12. APPLY WORDS (BIKE LANE ENDS)
 13. APPLY BIKE LANE ONLY PATTERN - SEE DTL. 2, THIS SHT.
 14. APPLY WORD (ONLY)
 15. APPLY TURN ONLY PATTERN - SEE DTL. 1, THIS SHT.



NOTES:

1. PERMANENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH CITY OF ALB. STANDARDS OR MUTCD.
2. ALL MARKINGS TO BE PLASTIC PER CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
3. PERMANENT MARKINGS SHALL BE FIELD VERIFIED WITH TRAFFIC ENGINEERING (857-8000) PRIOR TO INSTALLATION.
4. SEE DETAIL 3, SHT. 26 FOR SIGN MOUNTING DETAIL

SIGN LISTING

CODE	SIZE	DESCRIPTION
R3-5R-30	30"x36"	ONLY Left Turn Arrow (symbol)
R3-5L-30	30"x36"	ONLY Right Turn Arrow (symbol)
R2-1-24-45	24"x30"	SPEED LIMIT 45 (standard)
R3-16a-24	24"x30"	Bike (symbol) LANE, ENDS
R3-17-24	24"x30"	RIGHT LANE, (preferential symbol), Bike (symbol), ONLY
R3-7R-30	30"x30"	RIGHT LANE MUST TURN RIGHT
R3-7L-30	30"x30"	LEFT LANE MUST TURN LEFT

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff 7/1/07
Debra Vaughan-Cleff, P.E. #1999 Date

DVC Debra Vaughan-Cleff, P.E.
DVC Consulting Engineer
DVC 6212 Torreon NE
DVC Albuquerque, New Mexico 87109
DVC (505) 248-6196
DVC Fax: (505) 828-1215

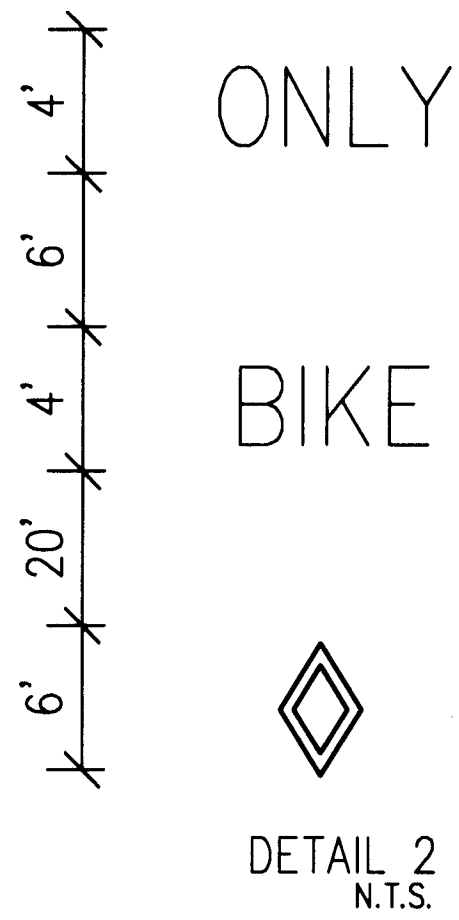
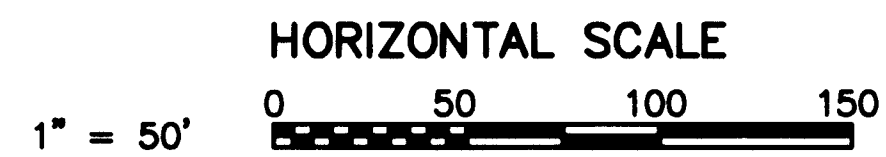
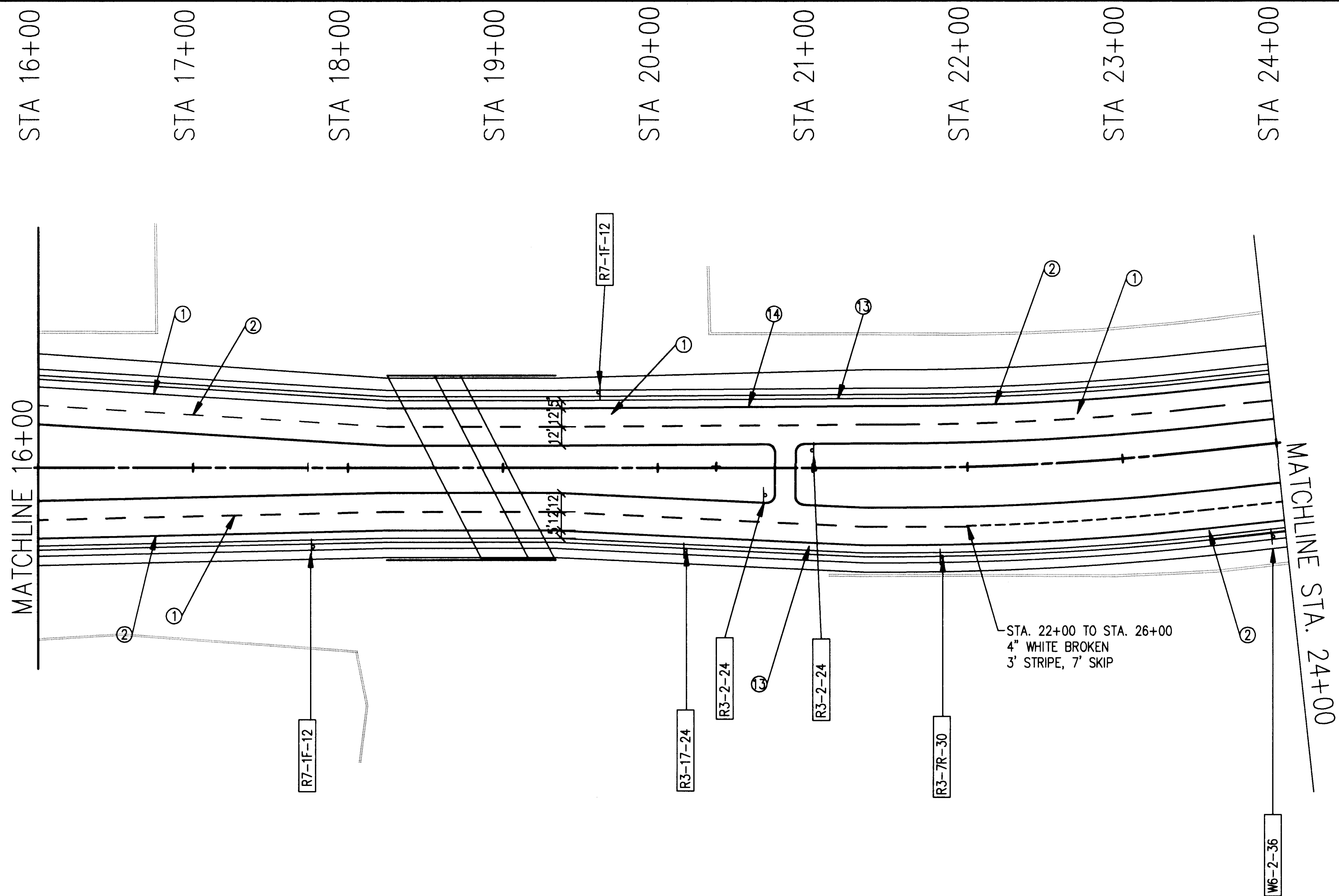
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: PERMANENT MARKINGS & SIGNING PLAN
EUBANK STA. 6+00 TO 16+00

B.G.A. 4-12-96	Last Design Update	No./Day/Yr.	No./Day/Yr.

City Project No. 4405-90	Zone Map No. D-20	Sheet 26	Of 46
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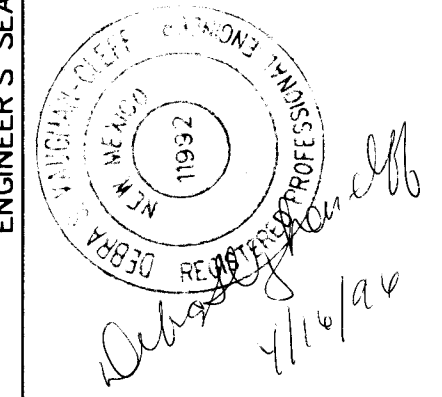
- KEYED NOTES: ○
1. APPLY PLASTIC LANE LINE - 4" WHITE BROKEN, 10' STRIPE, 30' SKIP
 2. APPLY PLASTIC EDGE LINE - 4" WHITE SOLID
 3. APPLY PLASTIC EDGE LINE - 4" YELLOW SOLID
 4. APPLY PLASTIC DIAGONAL LINE - 6" WHITE SOLID, 25' SPACING, 45 DEGREES
 5. APPLY PLASTIC DOUBLE CENTERLINE - 2-4" YELLOW SOLID
 6. APPLY 12" PLASTIC STOP BAR
 7. APPLY 12" PLASTIC CROSSWALK
 8. APPLY LEFT TURN ARROW
 9. APPLY THRU ARROW
 10. APPLY RIGHT TURN ARROW
 11. APPLY PLASTIC LINE - 8" SOLID WHITE
 12. APPLY WORDS (BIKE LANE ENDS)
 13. APPLY BIKE LANE ONLY PATTERN - SEE DTL. 2, THIS SHT.
 14. APPLY WORD (ONLY)
 15. APPLY TURN ONLY PATTERN - SEE DTL. 1, THIS SHT.

NOTES:

1. PERMANENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH CITY OF ALB. STANDARDS OR MUTCD.
2. ALL MARKINGS TO BE PLASTIC PER CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
3. SEE DETAIL 3, SHT. 26 FOR SIGN MOUNTING DETAIL.
4. PERMANENT MARKINGS SHALL BE FIELD VERIFIED WITH TRAFFIC ENGINEERING (857-8000) PRIOR TO INSTALLATION.

SIGN LISTING

CODE	SIZE	DESCRIPTION
R3-5R-30	30"x36"	ONLY Left Turn Arrow (symbol)
R3-5L-30	30"x36"	ONLY Right Turn Arrow (symbol)
R2-1-24-45	24"x30"	SPEED LIMIT 45 (standard)
R3-16a-24	24"x30"	Bike (symbol) LANE, ENDS
R3-17-24	24"x30"	RIGHT LANE, (preferential symbol), Bike (symbol), ONLY
R7-1F-12	12"x18"	NO PARKING ANYTIME
R3-2-24	24"x24"	No Left Turn (symbol)
W6-2-36	36"x26"	Divided Highway ends (symbol)
R3-7R-30	30"x30"	RIGHT LANE MUST TURN RIGHT



RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Chief, P.E.
Consulting Engineer
6212 Torreon NE
Albuquerque, New Mexico 87109
(505) 248-6196
Fax: (505) 828-1215

7/31/97
Date

File: ED-PP2

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: PERMENANT MARKINGS & SIGNING PLAN
EUBANK STA. 16+00 TO 24+00

City Project No. 4405-90 Zone Map No. D-20 Sheet 27 Of 46

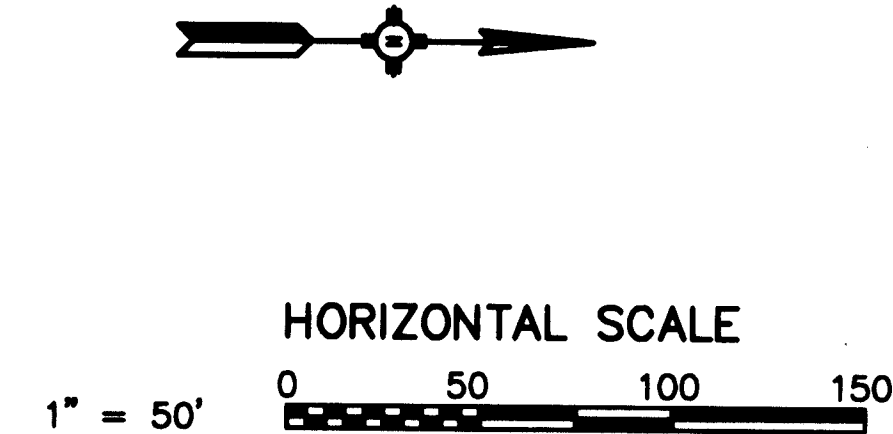
Designd By Debra Vaughan-Chief, PE
Drawn By
Checked By

REVISIONS
No. Date
REMARKS
BY

Ms./day/yr. Ms./day/yr.

Last Design Update

SCANNED BY
BY LASON



ONLY
BIKE

DETAIL 2
NTS

1. APPLY PLASTIC LANE LINE - 4" WHITE BROKEN, 10' STRIPE, 30' SKIP
2. APPLY PLASTIC EDGE LINE - 4" WHITE SOLID
3. APPLY PLASTIC EDGE LINE - 4" YELLOW SOLID
4. APPLY PLASTIC DIAGONAL LINE - 6" WHITE SOLID, 25' SPACING, 45 DEGREES
5. APPLY PLASTIC DOUBLE CENTERLINE - 2-4" YELLOW SOLID
6. APPLY 12" PLASTIC STOP BAR
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11. APPLY PLASTIC LINE - 8" SOLID WHITE
12. APPLY WORDS (BIKE LANE ENDS)
13. APPLY BIKE LANE ONLY PATTERN - SEE DTL. 2, THIS SHT.
14. APPLY WORD (ONLY)
15. APPLY TURN ONLY PATTERN - SEE DTL. 1, THIS SHT.

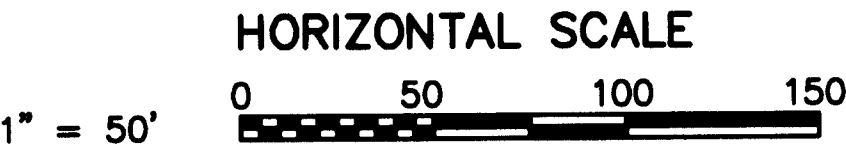
CODE	SIZE	DESCRIPTION
R3-5R-30	30"x36"	ONLY Left Turn Arrow (symbol)
R3-5L-30	30"x36"	ONLY Right Turn Arrow (symbol)
R2-1-24-45	24"x30"	SPEED LIMIT 45 (standard)
R3-16a-24	24"x30"	Bike (symbol) LANE, ENDS
R3-17-24	24"x30"	RIGHT LANE, (preferential symbol), Bike (symbol), ONLY
R7-1F-12	12"x18"	NO PARKING ANYTIME
R3-2-24	24"x24"	No Left Turn (symbol)
W6-2-36	36"x26"	Divided Highway ends (symbol)
R3-7R-30	36"x36"	RIGHT LANE MUST TURN RIGHT
W6-1-36	36"x36"	Divided Highway (symbol)
W6-3-30	30"x30"	Two-way Traffic (symbol)
W4-3R-36	36"x36"	Added Lane Right (symbol)
OM-3R	12"x36"	Object Marker, Type 3 Diagonal Stripes, Right

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: PERMENANT MARKINGS & SIGNING PLAN
EUBANK STA. 24+00 TO 32+00

<i>P. G. A</i> <i>4-18-96</i>		Lost Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 4405-88 90	Zone Map No. D-20	Sheet 28	Of 46	

SCANNED BY
BCLARON



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

B.F.S. 412-96	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 4405- 03 90	Zone Map No. D-20	Sheet 30	Of 46
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1. ALL CONDUIT SHALL BE SCHEDULE 40 PVC
2. SEE GENERAL NOTES 12 AND 15 FOR COORDINATION WITH REMOVAL OF EXIST. STREET LIGHTS.
3. CONTRACTOR TO REMOVE EXIST. LIGHT BASE CONDUIT, PULL BOXES, ETC. LIGHT POLE AND APPURTANCES TO BE REMOVED BY OTHERS
4. CONTRACTOR TO CONNECT NEW STREET LIGHTING CONDUIT TO EXIST. STREET LIGHTING PULL BOX

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

and better.

Debra Vaughan *chf* *7/31/92*
Debra Vaughan-Chen, P.E., 1992 Date

=====	NEW SIDEWALK
=====	NEW TRAIL
=====	NEW CURB AND GUTTER
□	NEW PULL BOX
□	NEW LIGHT BASE
-----	NEW 2" RIGID CONDUIT
-----	NEW 3" RIGID CONDUIT

	EXIST. TELEPHONE PEDESTAL
	EXIST. GUARD RAIL
	EXIST. DRAIN INLET
	EXIST. BOULDERS
	EXIST. MANHOLE
	EXIST. SLUMP BLOCK WALL
	EXIST. TREE
	EXIST. WATER VALVE
	EXIST. TRAFFIC SIGN
	EXIST. LIGHT

ENGINEER'S SEAL

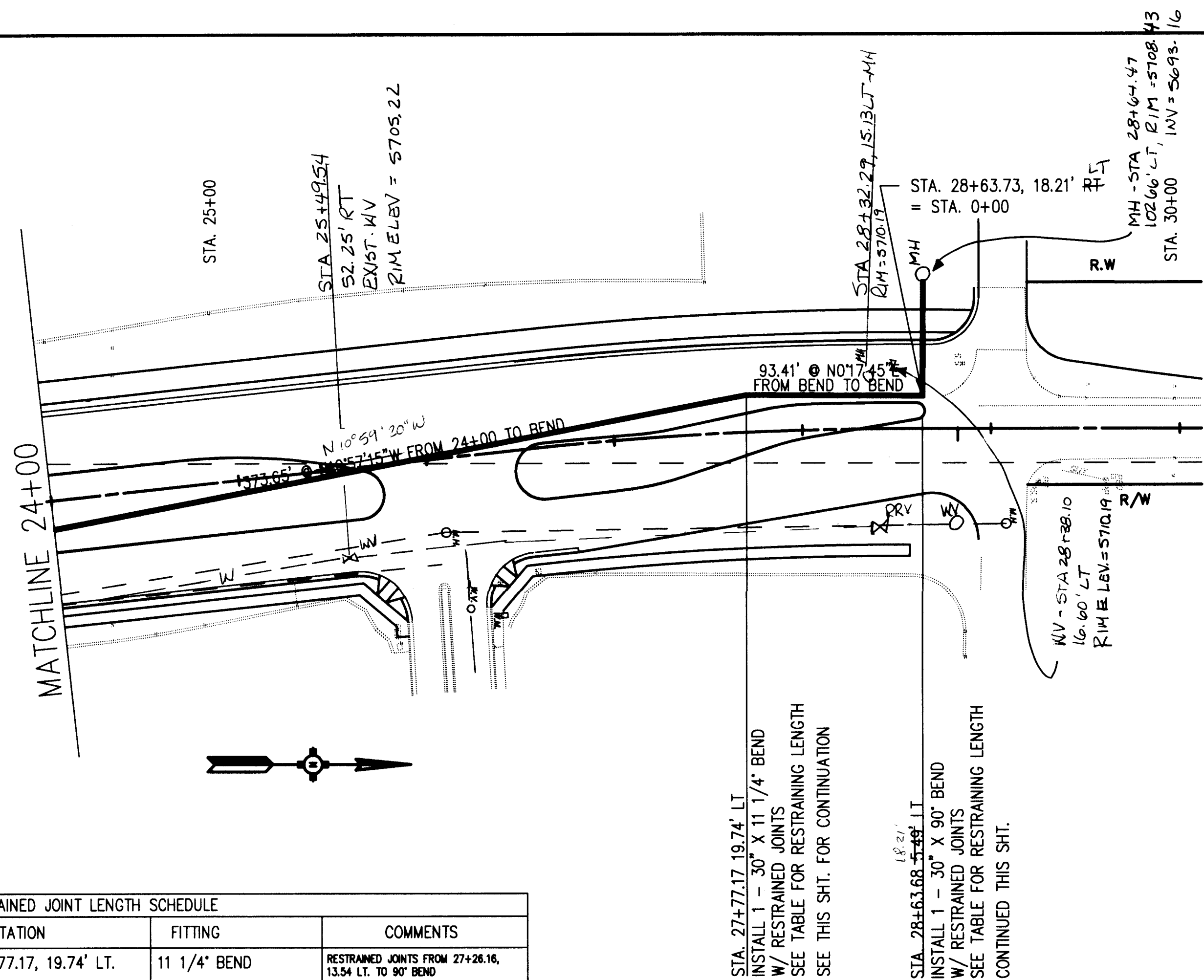
NEW MEXICO
1992
REGISTERED PROFESSIONAL ENGINEER
DEBRA S. HOFF

Debra Hoff
4/16/90

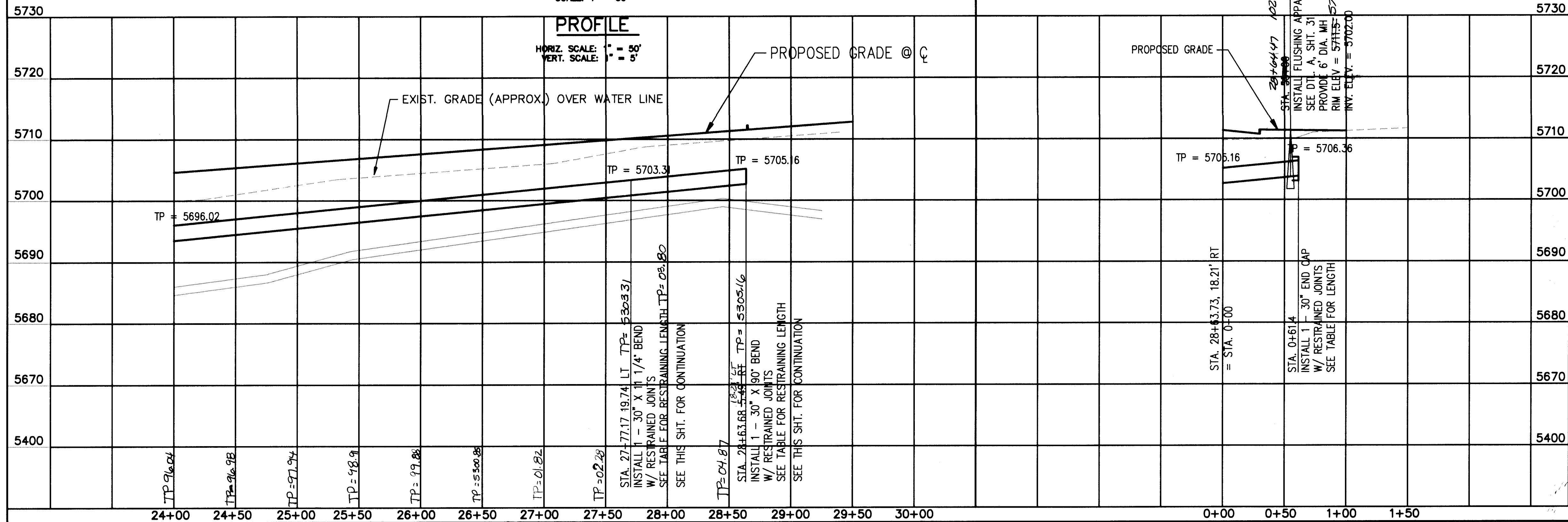
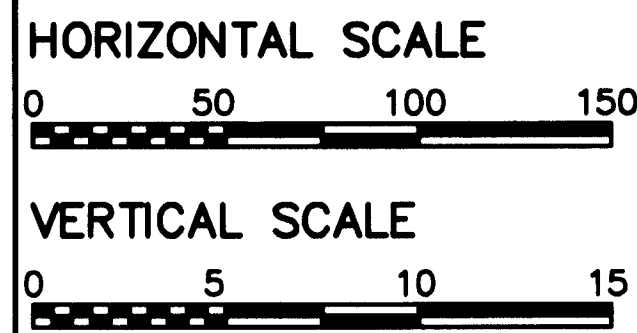
No.	Date	REMARKS	BY
REVISIONS			
DESIGN			
Designed By	Debra Vaughan-Cleff, PE		
Drawn By			
Checked By			

SCANNED BY
BY LARON

RESTRAINED JOINT LENGTH SCHEDULE			
LOCATION	STATION	FITTING	COMMENTS
EUBANK	STA. 27+77.17, 19.74' LT.	11 1/4" BEND	RESTRAINED JOINTS FROM 27+28.16, 13.94 LT. TO 90° BEND
EUBANK	STA. 28+63.68 5.49' LT	90° BEND	RESTRAINED JOINTS FROM 90° BEND TO END CAP STA. 0+61.4



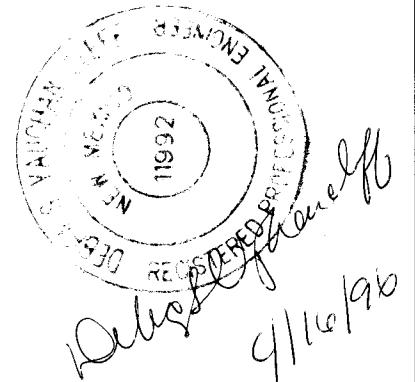
PLAN
SCALE: 1" = 50'



NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ANY DAMAGE TO THE EXISTING FACILITIES (NOT SCHEDULED FOR RECONSTRUCTION IN THIS PROJECT DURING CONSTRUCTION) SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS.
4. DESIGN & TEST PRESSURE = 150 PSI
OPERATING PRESSURE = 15 PSI
5. INSTALL PIPE IN ACCORDANCE W/ STD. DTL. 2315

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	CONTRACTOR	STATIONED BY	DATE
	REX VOLGER		ACS STATION 8-21	INSPECTED BY	DATE
			ELEVATION 5702.26	VERIFICATION BY	DATE
			APPROX. 375' WEST OF EUBANK	DRAWINGS BY	DATE
			ON ACADEMY - NORTH CURB LINE	MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	



RECORD DRAWING

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Debra Vaughan-Cleff, P.E. 7/16/90
Date

DVC Debra Vaughan-Cleff, P.E.
DVC Consulting Engineer
DVC 6212 Tarron NE
DVC Albuquerque, New Mexico 87109
DVC (505) 248-8196
DVC Fax (505) 828-1215

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT GROUP
TITLE: 30" WATERLINE PLAN & PROFILE
EUBANK STA. 24+00 TO 32+00

City Project No.	Zone Map No.	Sheet	Of
4405-90	D-20	33	46

SEQUENCE OF CONSTRUCTION

PHASE 1A: (SHEET 38)

- 1. INSTALL TEMPORARY PAVEMENT ON EAST SIDE OF EXISTING EUBANK BOULEVARD NEAR THE REVERSE CURVE TRANSITION AT SAN ANTONIO.
- 2. TRAFFIC SHALL BE MAINTAINED ON EXISTING EUBANK BOULEVARD WITH ONE LANE IN EACH DIRECTION.
- 3. GOLF CART TRAFFIC SHALL BE MAINTAINED ON EXISTING PATHS.
- 4. INSTALL TEMPORARY PAVEMENT FOR GOLF CART TRAFFIC.

PHASE 1B: (SHEET 39)

- 1. TRAFFIC SHALL BE MAINTAINED ON EXISTING EUBANK BOULEVARD AND TEMPORARY PAVEMENT WITH ONE LANE IN EACH DIRECTION.
- 2. GOLF CART TRAFFIC SHALL BE DIVERTED TO THE SOUTHERN MOST CULVERT AND SOUTH OF THE BRIDGE CONSTRUCTION ZONE.
- 3. INSTALL TEMPORARY PAVEMENT FOR GOLF CART TRAFFIC (INSIDE OF THE SOUTHERN LOW FLOW CULVERT SHALL BE CLEANED AND PAVED FOR TEMPORARY GOLF CART ACCESS).
- 4. INSTALL TEMPORARY WALL BARRIER STA 22+50 TO 30+50 AT BRIDGE CONSTRUCTION ON WEST SIDE OF EXISTING EUBANK BOULEVARD ALONG UTILITY INSTALLATION.
- 5. INSTALL 30" WATER MAIN FROM STA. 23+19 TO STA. 28+64.
- 6. INSTALL WEST HALF OF PROPOSED ROADWAY SECTION FROM STA. 13+15 TO STA. 17+70 AND FROM THE BRIDGE TO E.O.P..
- 7. INSTALL STORM DRAIN IMPROVEMENTS ON WEST HALF OF PROJECT.

PHASE 2: (SHEET 40)

- 1. ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON EXISTING EUBANK BOULEVARD.
- 2. INSTALL TEMPORARY PAVEMENT FROM STA. 12+30 TO STA. 16+15 FOR CROSSOVER.
- 3. GOLF CART TRAFFIC SHALL BE DIVERTED TO THE SOUTH LOW FLOW CULVERT AND THE LOW FLOW CHANNEL FLOOR UNDER THE NEW PORTION OF THE BRIDGE.
- 4. COMPLETE RETAINING WALLS AND APPROACH ON THE SOUTH SIDE OF THE BRIDGE AND WEST OF CENTRLINE.

PHASE 3: (SHEET 41)

- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED WEST HALF OF EUBANK BOULEVARD AND TEMPORARY CROSSOVER.
- 2. INSTALL THE EAST HALF OF PROPOSED ROADWAY SECTION FROM STA. 14+20 TO STA. 18+80, STA. 19+30 TO STA. 25+85, AND STA. 26+30 TO STA. 28+95.
- 3. GOLF CART TRAFFIC SHALL REMAIN IN THE SOUTH LOW FLOW CULVERT AND THE LOW FLOW CHANNEL FLOOR UNDER THE NEW PORTION OF THE BRIDGE.
- 4. CONSTRUCT BOTH SOUTH AND NORTH BRIDGE ABUTMENTS EAST OF CENTERLINE, AND PROPOSED GOLF CART PATH, AND CHANNEL FLOOR SOUTH OF REMAINING LOW FLOW CULVERT.
- 5. INSTALL TEMPORARY WALL BARRIER STA 17+00 TO STA 20+50.
- 6. REMOVE 3 OF THE EXISTING 8 FOOT CULVERT PIPES.
- 7. INSTALL 30" WATER MAIN FROM STA. 15+12 TO STA. 23+19.
- 8. INSTALL STORM DRAIN IMPROVEMENTS ON THE WEST HALF OF EUBANK BOULEVARD.
- 9. ACCESS SHALL BE MAINTAINED FOR STARLIGHT AND SAN ANTONIO.

PHASE 4: (SHEET 42)

- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED WEST HALF OF EUBANK BOULEVARD AND TEMPORARY CROSSOVER.
- 2. GOLF CART TRAFFIC SHALL USE THE CART PATH ON THE COMPLETED PORTION OF THE DRAINAGE CHANNEL FLOOR. FLAGGERS SHALL BE UTILIZED AT BOTH ENDS OF PATH DURING PLACEMENT OF PRECAST VOIDED SLABS.
- 3. TEMPORARY WALL BARRIER STA 17+00 TO STA 20+50 TO REMAIN FROM PHASE 3.
- 4. COMPLETE INSTALLATION OF BRIDGE. INSTALLATION OF PRECAST VOIDED SLABS SHALL TAKE PLACE IN 15 MINUTE INTERVALS TO ALLOW GOLF CART TRAFFIC TO PASS UNDER THE CONSTRUCTION ZONE. PRECAUTIONS SHALL MADE TO SECURE CONSTRUCTION EQUIPMENT AND MATERIALS DURING GOLF CART PASSAGE.
- 5. INSTALL PAVEMENT AT STARLIGHT INTERSECTION DURING OFF PEAK HOURS. FLAGGERS SHALL CONTROL ACCESS THROUGH STARLIGHT DRIVE.
- 6. INSTALL PAVEMENT AT SAN ANTONIO INTERSECTION DURING OFF PEAK HOURS. FLAGGERS SHALL CONTROL ACCESS THROUGH SAN ANTONIO.
- 7. REMOVE REMAINING 8" CULVERT PIPE.

PHASE 5: (SHEET 43)

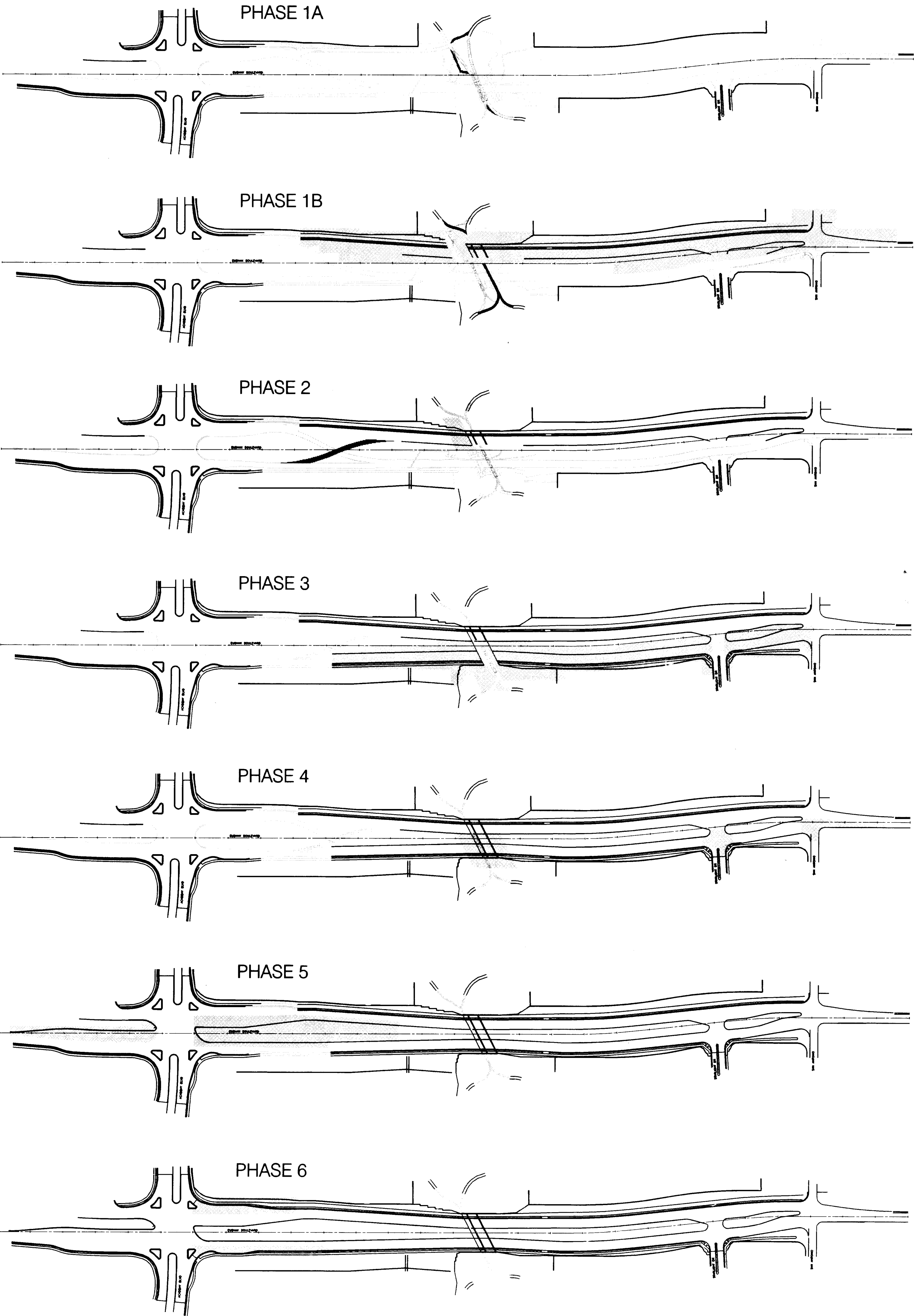
- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED PORTION OF EUBANK BOULEVARD AND THE OUTSIDE LANES OF EXISTING EUBANK BOULEVARD.
- 2. GOLF CART TRAFFIC SHALL USE THE COMPLETED CART PATH UNDER THE NEWLY CONSTRUCTED BRIDGE.
- 3. INSTALL 30" WATER MAIN FROM STA. 10+30 TO STA. 15+12.
- 4. INSTALL PROPOSED INSIDE LANES AND MEDIAN FROM STA. 9+90 TO STA. 16+35.
- 5. INSTALL LEFT TURN LANE SOUTH OF ACADEMY BOULEVARD.

PHASE 6: (SHEET 44)

- 1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE INSIDE LANES OF THE COMPLETED PORTIONS OF EUBANK BOULEVARD.
- 2. GOLF CART TRAFFIC SHALL USE THE COMPLETED CART PATH UNDER THE NEWLY CONSTRUCTED BRIDGE.
- 3. INSTALL OUTSIDE LANES AND PROPOSED ROADWAY SECTION FROM STA. 9+90 TO STA. 14+20.

PHASE 7: (SEE TYPICAL DETAILS SHEET 37)

- 1. INSTALL FINAL LIFT OF PAVEMENT FROM B.O.P. TO E.O.P. USING TYPICAL LEFT LANE CLOSURE, TYPICAL RIGHT LANE CLOSURES, AND FLAGGER CONTROL AS NEEDED.

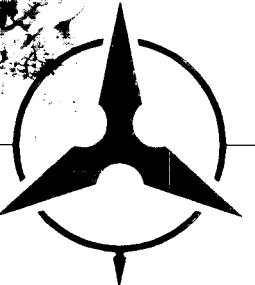


RECORD DRAWING

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Debra Vaughan, Clerk P.E. 11/19/96

7/31/97 Date



NOT TO SCALE

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		DRAWN BY: ARB		CHECKED BY: AMT	
CONTRACTOR	DATE	ACS STATION	8 - 21	NO.	BY	DATE	NO.	DATE	BY	DATE	BY	DATE	DATE	DATE	DATE
WORK	DATE	ELEVATION	= 5702.26'												
FIELD	DATE	APPROX	375' WEST OF												
ADJUSTMENT	DATE	EUBANK ON ACADEMY													
REVISIONS	DATE	NORTH CURB LINE													
MICRO-FILM INFORMATION															
RECORDED BY	DATE														
NO.															



BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE • ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: EUBANK BOULEVARD TRAFFIC CONTROL
GENERAL NOTES & SEQUENCE OF CONSTRUCTION

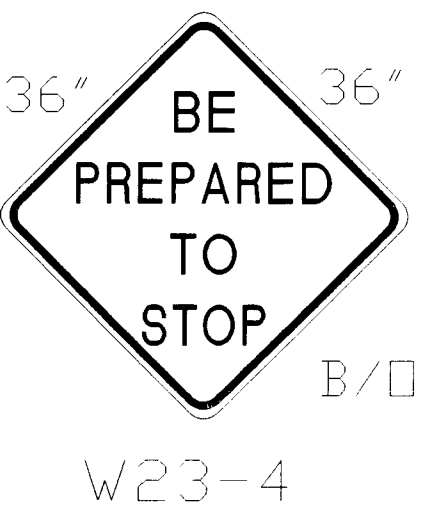
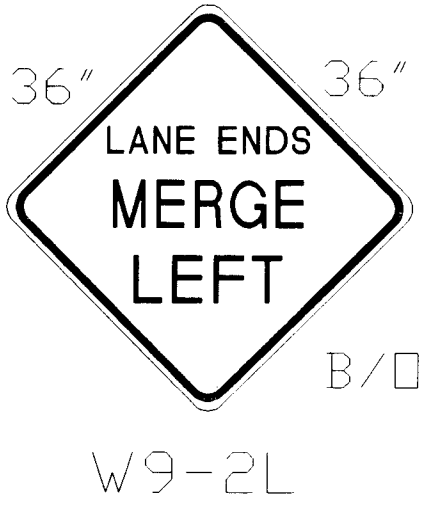
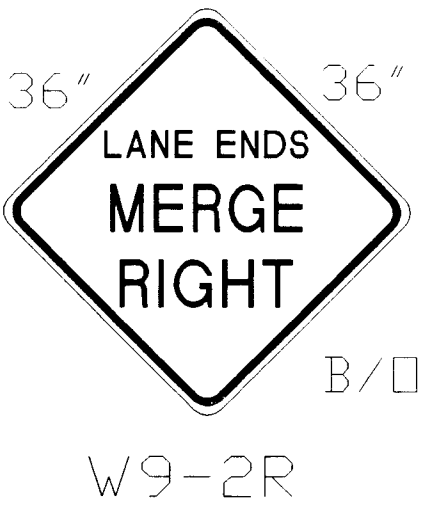
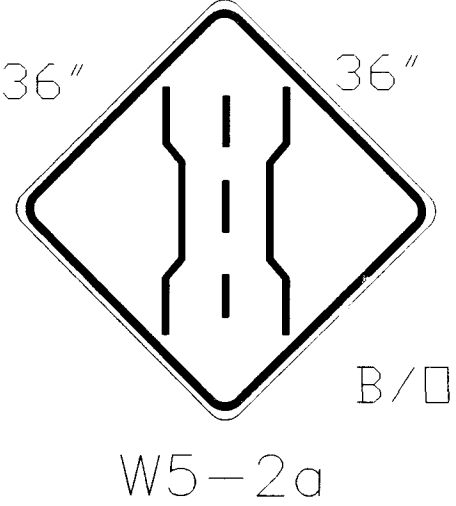
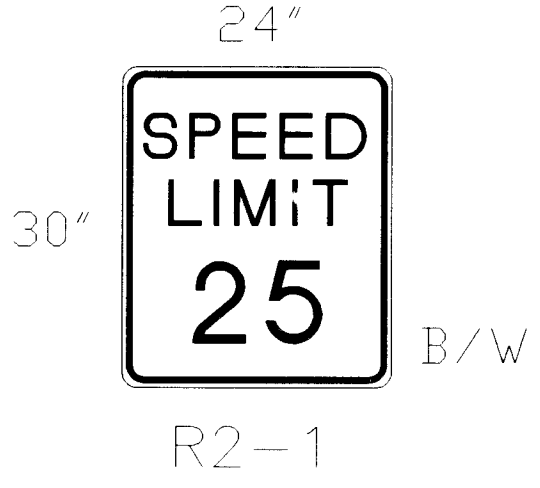
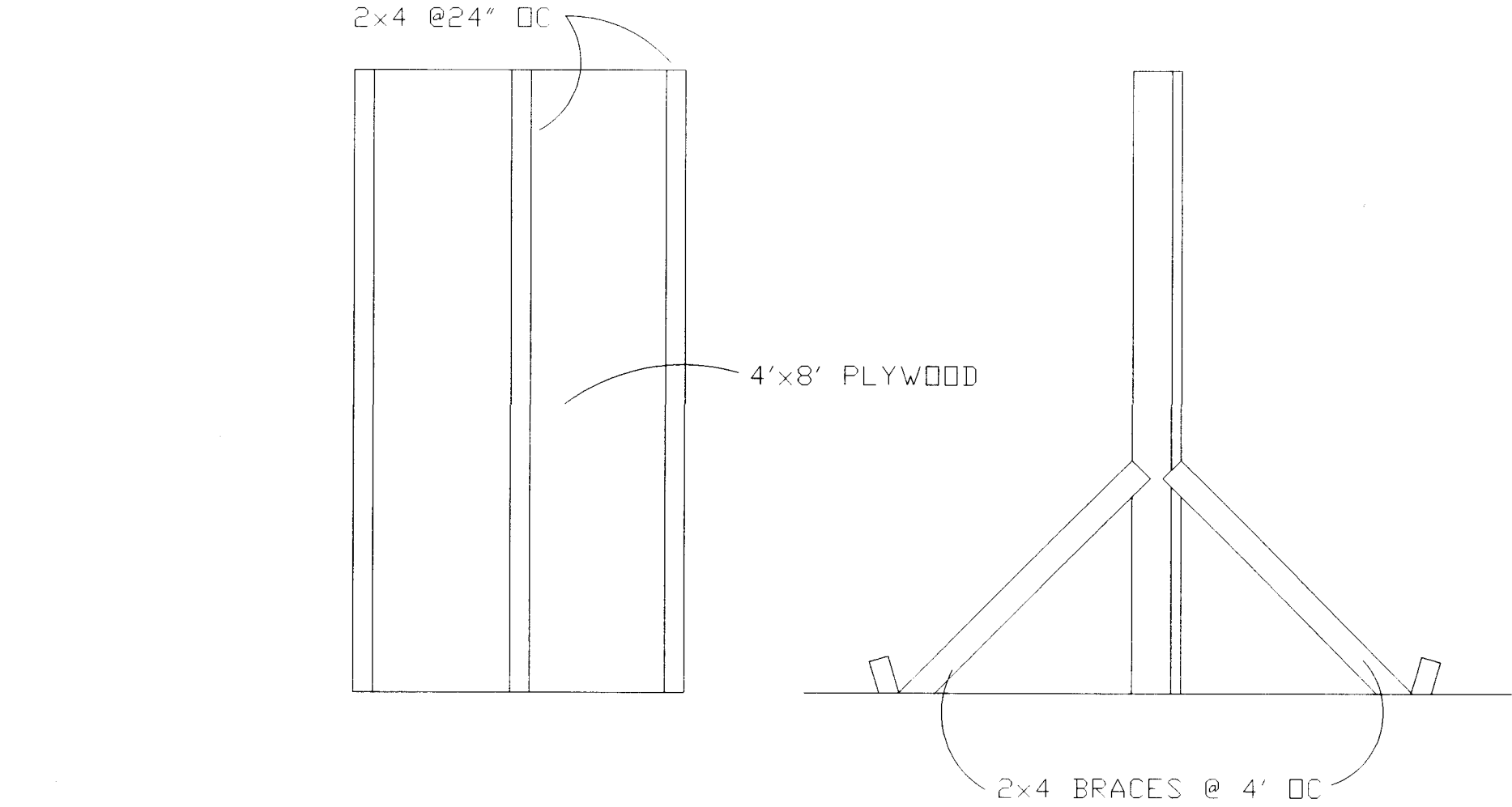
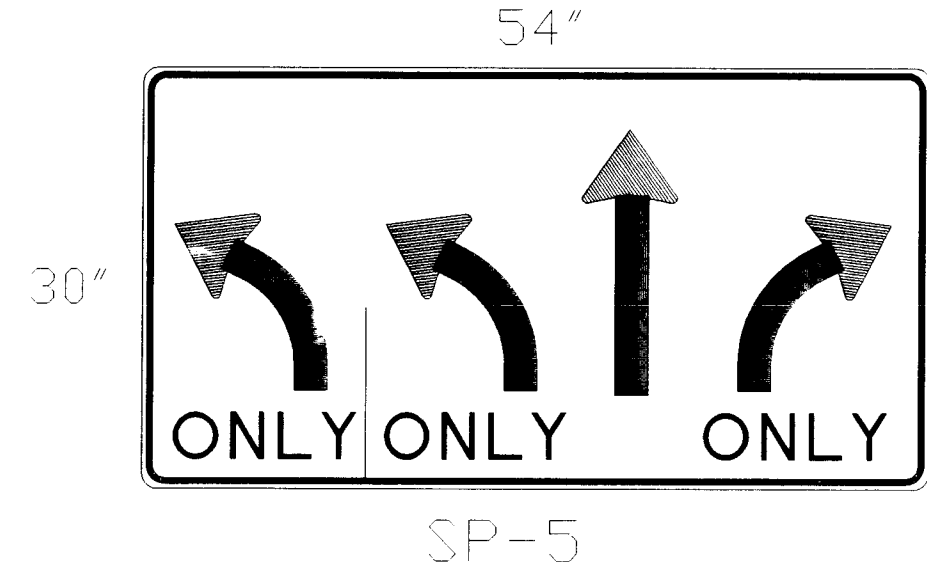
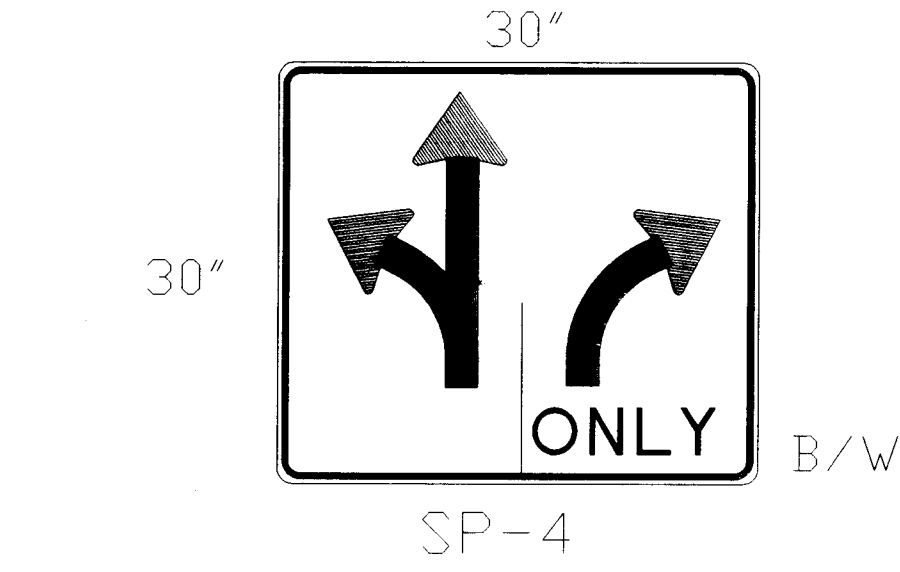
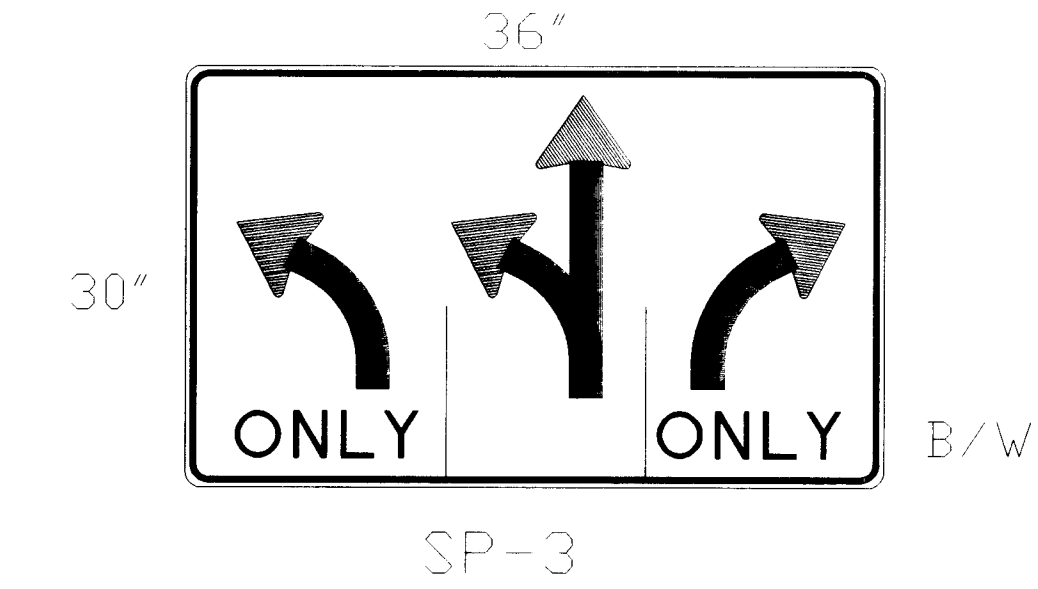
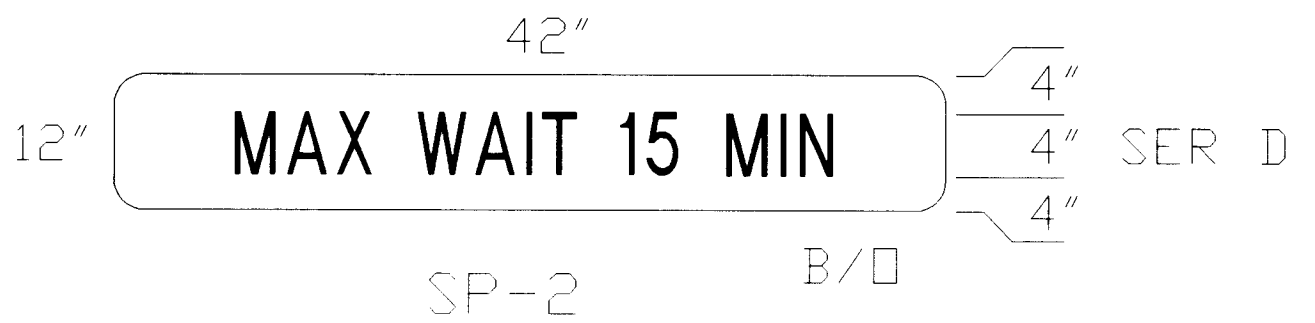
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	34	46

SCANNED BY
BY LASON

TRAFFIC CONTROL GENERAL NOTES

1. REFER TO SHEETS 36 AND 37 FOR ADDITIONAL NOTES AND TYPICAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS AND STRATEGIES.
2. SEPARATE PERMITS WILL BE REQUIRED FOR EVERY LANE CLOSURE. EACH PERMIT SHALL BE CLEARED BY THE CONSTRUCTION DIVISION OF THE CITY OF ALBUQUERQUE FOR INTERFERENCE WITH OTHER CONSTRUCTION PROJECTS. THE CONTRACTOR SHALL ALLOW ENOUGH TIME BETWEEN THE PERMITS REQUEST AND CONSTRUCTION BEFORE SCHEDULING CREWS AND EQUIPMENT.
3. CONTRACTOR SHALL COORDINATE WITH THE CITY'S CONSTRUCTION COORDINATION DIVISION TO INSURE THAT PROJECT MONITORING PERSONNEL ARE ON-DUTY DURING THE PROPOSED WORK SCHEDULE.
4. CONTRACTOR SHALL IMPLEMENT, MAINTAIN AND MANAGE CONSTRUCTION TRAFFIC CONTROL PEDESTRIAN ACCESS, AND GOLF COURSE TRAFFIC ON THE PROJECT TO PROVIDE SAFE WORKING CONTITIONS FOR ALL PROJECT PERSONNEL AND SAFE VEHICULAR AND PEDESTRIAN ACCESS THROUGH AND AROUND WORK AREAS AT ALL TIMES.
5. THE CONTRACTOR SHALL REMEDY UNSAFE CONSTRUCTION TRAFFIC CONTROL CONDITIONS IMMEDIATELY UPON DISCOVERY OR NOTIFICATION.
6. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AND BUSINESSES AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNERS 48-HOURS PRIOR TO BEGINNING CONSTRUCTION.
7. TWO WORKING DAYS PRIOR TO THE FINAL CONSTRUCTION TRAFFIC CONTROL SETUP IN EACH WORK AREA, AND TWO WORKING DAYS PRIOR TO ALL CHANGES IN CONSTRUCTION TRAFFIC CONTROL WHICH INVOLVE STREET OR LANE CLOSURES, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING:
CITY AND COUNTY FIRE AND RESCUE DEPARTMENTS
CITY AND COUNTY POLICE DEPARTMENTS
LOCAL NEWS MEDIA
LOCAL SCHOOLS
TANDAN COUNTRY CLUB GOLF COURSE (JOE LONG XXX-XXXX)
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY CONCRETE OR WATER FILLED WALL BARRIERS AT ALL LOCATIONS WHERE EXCAVATIONS ARE OPEN WITHIN TWENTY-FIVE FEET (25') OF THE EDGE OF THE TRAVELED WAY. CONTRACTOR SHALL FLARE THE ENDS OF THE TEMPORARY WALL BARRIERS AWAY FROM TRAFFIC.
9. THE CONTRACTOR SHALL REVIEW THE OPERATIONAL PRACTICES AND PROCEDURES ON A DAILY BASIS TO EXPEDITE THE WORK AND CLEAR THE RIGHT-OF-WAY AS SOON AS POSSIBLE.
10. CONTRACTOR SHALL SWEEP ROADWAY SHOULDERS AND DETOURS FREE OF DEBRIS BEFORE ROUTING TRAFFIC ONTO SHOULDERS AND DETOURS.
11. ALL WARNING SIGNS SHALL BE 36" X 36" MINIMUM WITH SUPER ENGINEERING GRADE OR GREATER AND SHALL HAVE AT LEAST ONE WARNING LIGHT.
12. ALL COST FOR CONSTRUCTION TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO COORDINATION, PLANNING, SCHEDULING, WORK DURING OFF HOURS, RESETTING, MAINTAINANCE, TAKEDOWNS, FLAGGERS, STRIPING, STRIPE REMOVAL, SIGNS, BARRICADES, BARRELS, POST, BASES, TRAFFIC CONTROL, FENCING, TEMPORARY WALL BARRIERS, TEMPORARY CONSTRUCTION BARRIERS, CRASH CUSHIONS, PLATING, PATCHING, TEMPORARY PAVEMENT INSTALLATION AND REMOVAL, ETC., SHALL BE INCLUDED IN THE LUMP SUM BID FOR THE CONSTRUCTION TRAFFIC CONTROL. PHASE PLANS ARE MINIMUM TRAFFIC CONTROL. FIELD ADJUSTMENTS WILL BE NECESSARY AS PARTICULAR WORK IS DONE. MODIFICATIONS ARE INCLUDED IN THIS BID ITEM.
13. CONTRACTOR SHALL COORDINATE WITH CITY TRAFFIC OPERATION (857-8000) TO OPERATE SIGNAL TEMPORARILY AS SPLIT PHASE ON EUBANK DURING TRAFFIC CONTROL PHASES 5 AND 6. CONTRACTOR SHALL CONTACT TRAFFIC OPERATIONS AT LEAST THREE DAYS BEFORE PHASE 5 BEGINS.
14. ALL NON-APPLICABLE SIGNING SHALL BE REMOVED OR COVERED COMPLETELY WITH AN OPAQUE NON LIGHT-TRANSMITTING MATERIAL. ALL REMAINING NON-APPLICABLE TRAFFIC CONTROL DEVICES ARE TO BE REMOVED AND STORED AT LOCATIONS DESIGNATED BY THE PROJECT MANAGER. EXISTING CONFLICTING STRIPING SHALL BE REMOVED.
15. THE CONTRACTOR SHALL PREPARE A DETAILED PROJECT SCHEDULE AND CRITICAL PATH FLOW CHART FOR THE PROJECT BEFORE BEGINNING CONSTRUCTION. THIS SCHEDULE SHALL BE SUBMITTED TO THE CITY'S CONSTRUCTION COORDINATOR FOR PREVIEW, COMMENTS, AND APPROVAL. THE SCHEDULE SHALL BE USED FOR ESTABLISHING MAJOR CONSTRUCTION OPERATIONS AND FOR DETERMINING THE PROGRESS OF THE WORK. SHOULD IT BECOME APPARENT TO THE PROJECT MANAGER OR THE CONTRACTOR THAT THE CONTRACTOR WILL NOT BE ABLE TO MEET THE REQUIREMENTS OF THE SCHEDULE, THE CONTRACTOR SHALL SUBMIT A REVISED SCHEDULE REFLECTING THE ACTUAL AUTHORIZED TIME LEFT FOR REVIEW AND APPROVAL. REQUEST FOR TIME EXTENSIONS SUBMITTED BY THE CONTRACTOR WILL BE COMPARED TO THE CRITICAL PATH AND APPROVED OR DENIED ON THIS BASIS. THE CONTRACTOR SHALL UPDATE THE SCHEDULE MONTHLY AND SUBMIT WITH THE MONTHLY PAYMENT REQUEST.
16. THE FINAL LIFT OF PAVEMENT SHALL BE INSTALLED ON THE LAST PHASE OF THE PROJECT USING TYPICAL LEFT LANE CLOSURE, TYPICAL RIGHT LANE CLOSURE, AND FLAGGER CONTROL AS NEEDED.



STANDARD SIGNS
NOT SHOWN ON SHEET XXX

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff, P.E. 11992 Date 7/31/97

BOJANNAN-HUSTON INC. ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE • ARCHITECTS ALBUQUERQUE LAS CRUCES SANTA FE			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: GENERAL NOTES & SPECIAL SIGNFACE DETAILS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	
B.G.B. 4-18-96			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	35	46

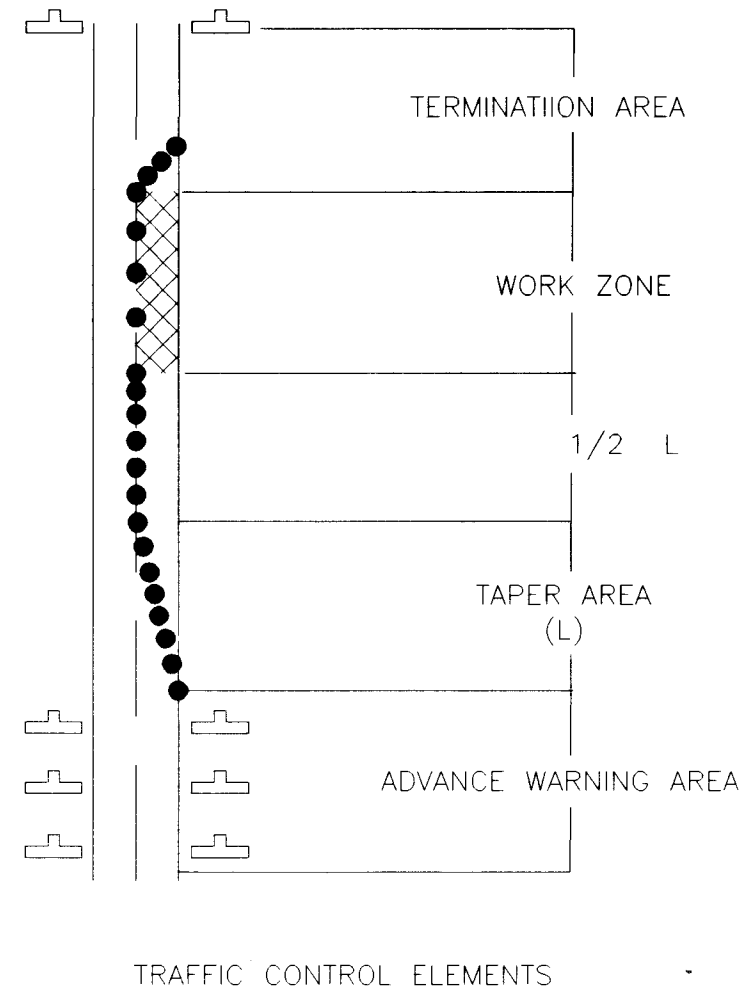
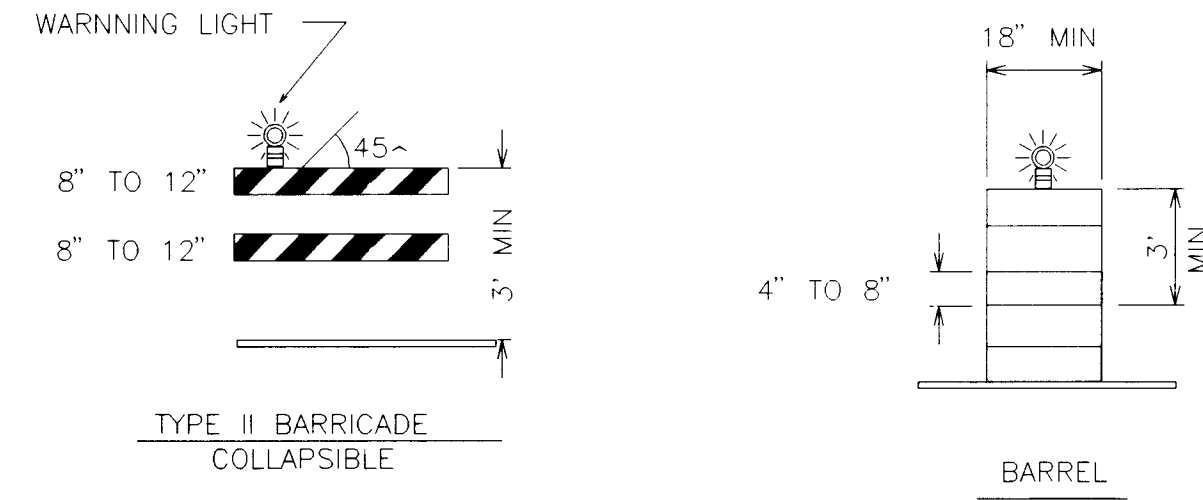
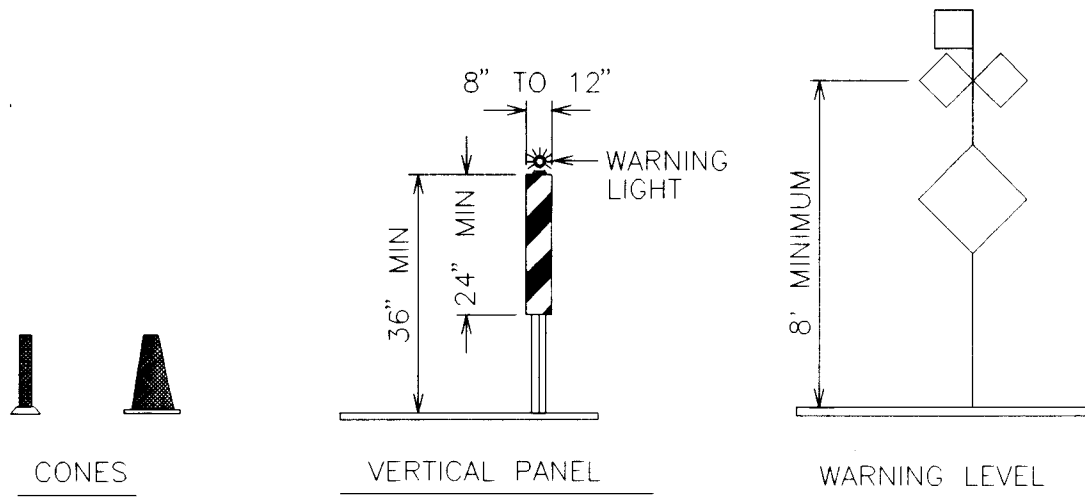
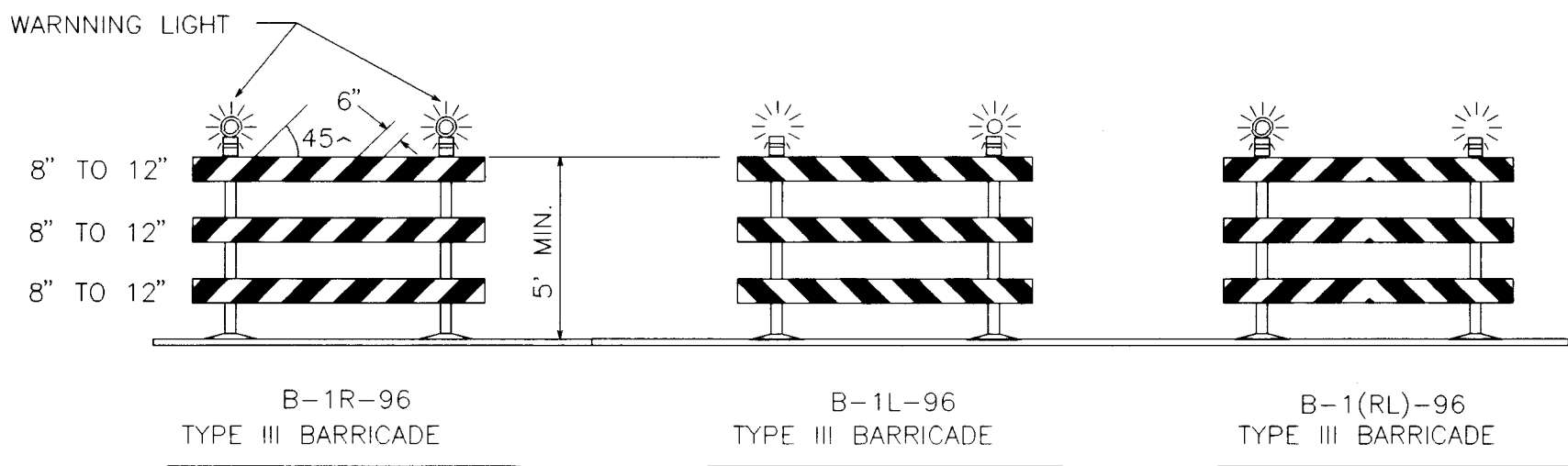
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BY LASON

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

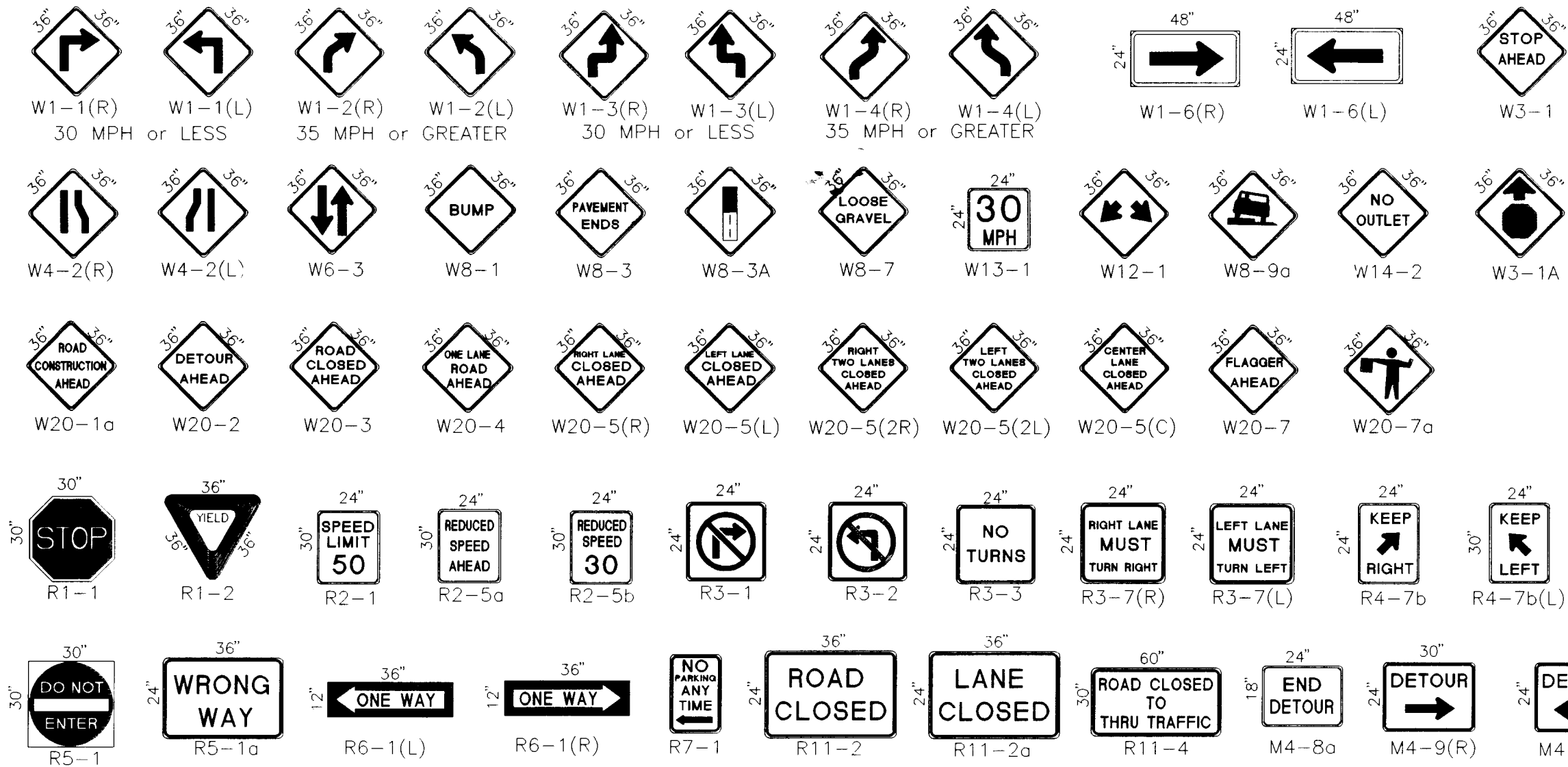
1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL SERVICE AND SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED 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. TRAFFIC CONTROL STANDARDS APPLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLOCK LEGEND ON A ORANGE BACKGROUND

ALL ADVANCE WARNING SIGNS SHALL BE THIRTY-SIX (36) INCHES BY THIRTY-SIX (36) INCHES, SUPER ENGINEERING GRADE OR GREATER.

LEGEND

- WORK AREA
BARRICADE - TYPE I, TYPE II, OR BARREL
BARRICADE - TYPE III
VERTICAL PANEL
WARNING SIGN
DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
FLAGMAN POSITION
SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	ALONG TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE 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:	L MINIMUM
MERGING TAPER	1/2 L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	100 FEET MAXIMUM
TWO-WAY TRAFFIC TAPER	100 FEET PER LANE
DOWNSIDE TAPERS	

TAPER LENGTH COMPUTATION

SPEED LIMIT
40 MPH OR LESS
40 MPH OR GREATER

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff, P.E. 7/31/97
Date

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
SIGNING AND CONSTRUCTION
TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
B. J. A. 12-96			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	36	46

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cleff, P.E. 11992
Date 11/2/91

TYPICAL RIGHT LANE CLOSURE

TYPICAL LEFT LANE CLOSURE

TYPICAL ONE DIRECTION DETOUR

TYPICAL TRAFFIC SPLIT-(PAINTED MEDIAN)

TYPICAL TRAFFIC SPLIT-(RAISED MEDIAN)

TYPICAL SANITARY SEWER SPLICING OPERATION

TYPICAL LANE CLOSURE AT INTERSECTION

TYPICAL MID-BLOCK CLOSURE

TYPICAL STREET CLOSURE

TYPICAL DOUBLE RIGHT LANE CLOSURE

TYPICAL DOUBLE LEFT LANE CLOSURE

TYPICAL FLAGGING OPERATION

TYPICAL STREET CLOSURE

TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE 1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

AS BUILT INFORMATION

CONTRACTOR	DATE
DVC ENGINEERING	11/2/91

BENCH MARKS

CONTRACTOR	DATE
DVC ENGINEERING	11/2/91

SURVEY INFORMATION

CONTRACTOR	DATE
DVC ENGINEERING	11/2/91

ENGINEER'S SEAL

CONTRACTOR	DATE
DVC ENGINEERING	11/2/91

REVISIONS

NO.	DATE	REVISIONS
1	11/2/91	DESIGN
2	11/2/91	REVISIONS

REMARKS

NO.	DATE	REMARKS
1	11/2/91	DESIGN
2	11/2/91	REVISIONS

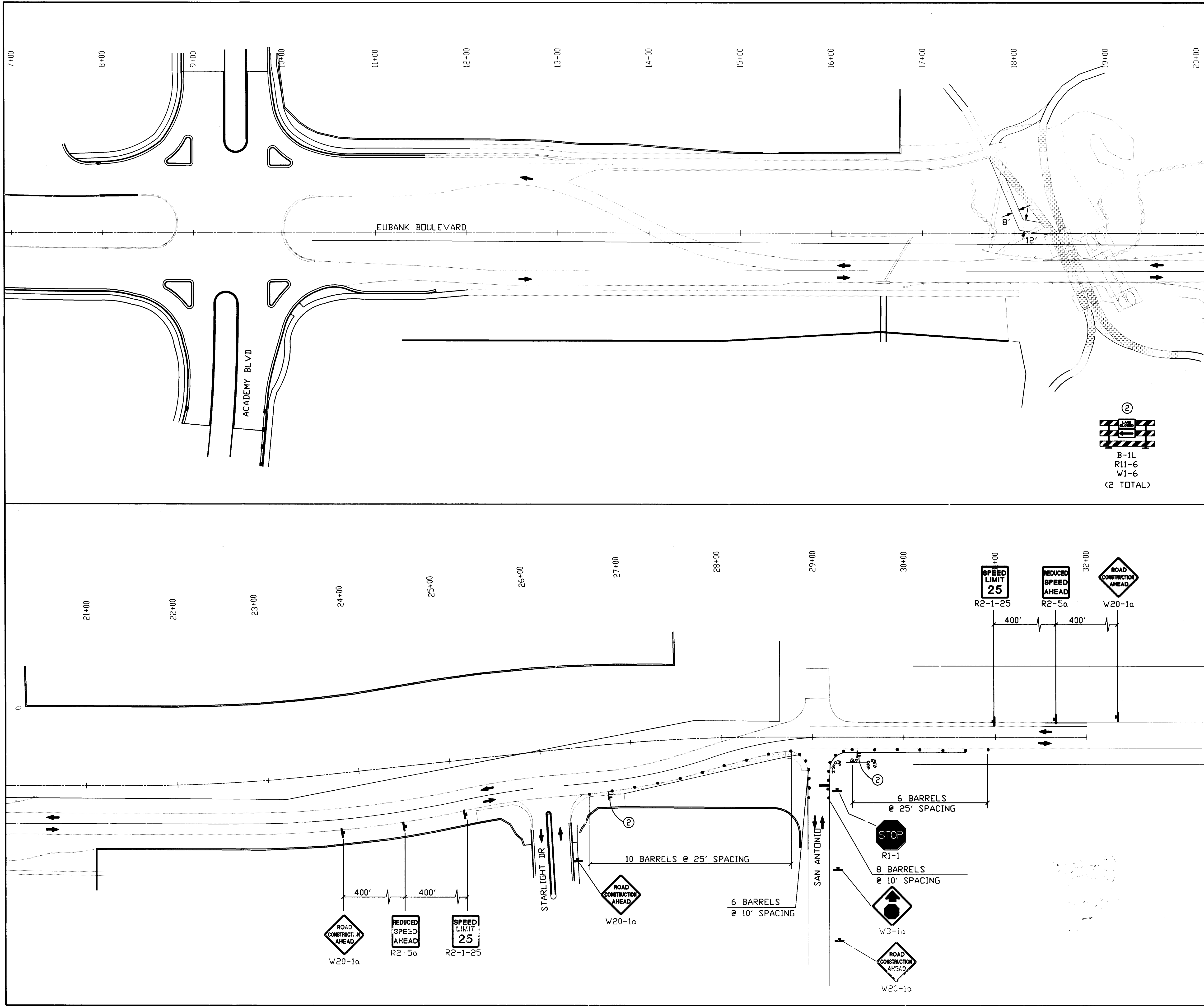
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 4405-90 **MAP NO.** D-20 **SHEET OF** 37 46

SCANNED BY
RY LASON



- PHASE 1A:**
1. INSTALL TEMPORARY PAVEMENT ON EAST SIDE OF EXISTING EUBANK BOULEVARD NEAR THE REVERSE CURVE TRANSITION AT SAN ANTONIO.
 2. TRAFFIC SHALL BE MAINTAINED ON EXISTING EUBANK BOULEVARD WITH ONE LANE IN EACH DIRECTION.
 3. GOLF CART TRAFFIC SHALL BE MAINTAINED ON EXISTING PATHS.
 4. INSTALL TEMPORARY PAVEMENT FOR GOLF CART TRAFFIC.

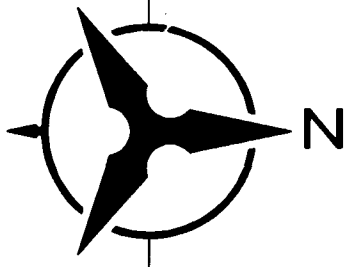
RECORD DRAWING

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Debra V. ...
Professional Engineer
No. 11992
Date 1/21/97

LEGEND

- TRAFFIC FLOW
- BARRICADE - TYPE III
- SIGN
- BARREL
- FLAGGER
- WORK ZONE
- INSTALL TEMPORARY PAVEMENT
- EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- GOLF CART TRAFFIC



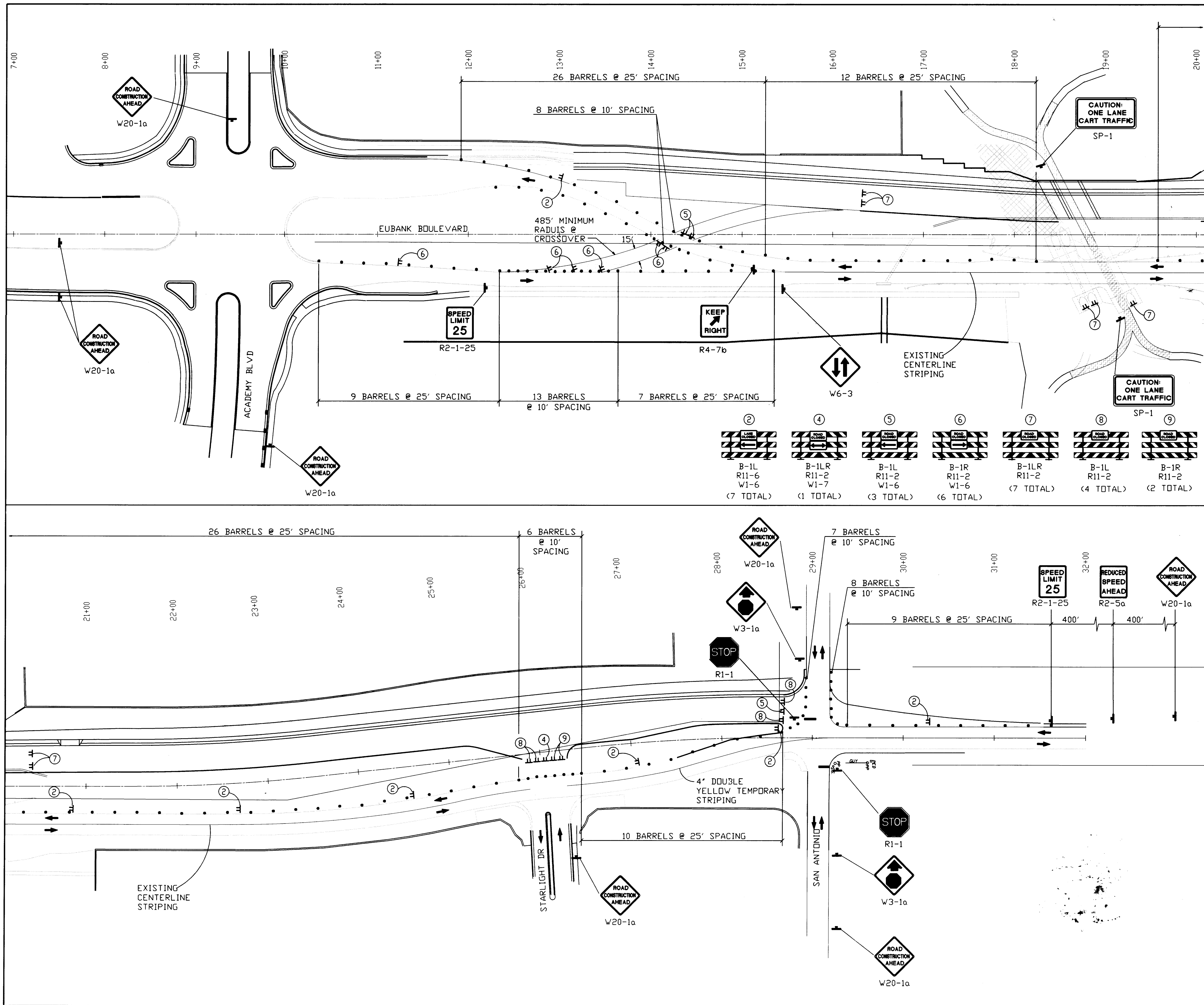
0 25 50 100
SCALE: 1" = 50'

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **TRAFFIC CONTROL
PHASE 1A**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
<i>B.G.B.</i> 4-16-96			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	38	46



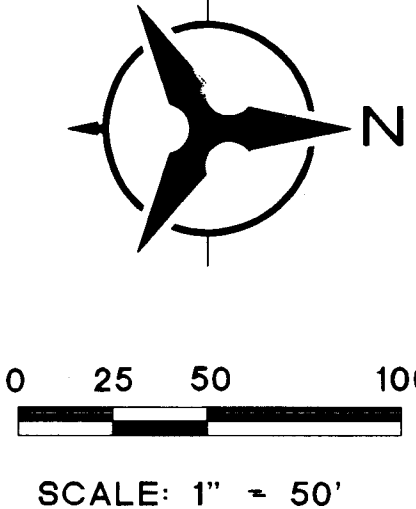
- PHASE 2:**
- ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON EXISTING EUBANK BOULEVARD.
 - INSTALL TEMPORARY PAVEMENT FROM STA. 12+30 TO STA. 16+15 FOR CROSSOVER.
 - GOLF CART TRAFFIC SHALL BE DIVERTED TO THE SOUTH LOW FLOW CULVERT AND THE LOW FLOW CHANNEL FLOOR UNDER THE NEW PORTION OF THE BRIDGE.
 - COMPLETE RETAINING WALLS AND APPROACH ON THE SOUTH SIDE OF THE BRIDGE AND WEST OF CENTRINE.

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan
Debra Vaughan, CLEFF, P.E. 17892
7/31/97
Date

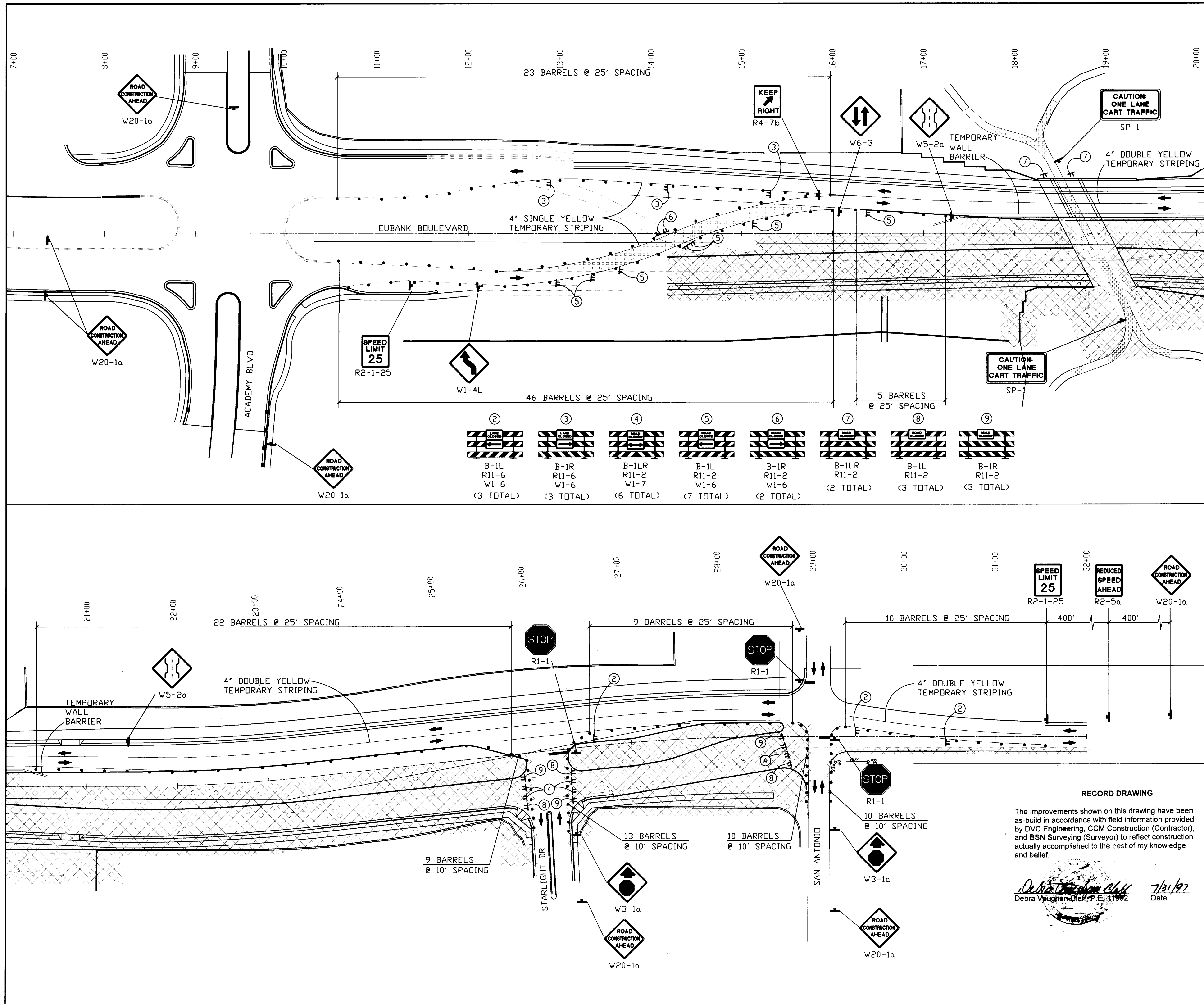
- LEGEND**
- TRAFFIC FLOW
 - BARRICADE - TYPE III
 - SIGN
 - BARREL
 - FLAGGER
 - WORK ZONE
 - INSTALL TEMPORARY PAVEMENT
 - EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
 - GOLF CART TRAFFIC



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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

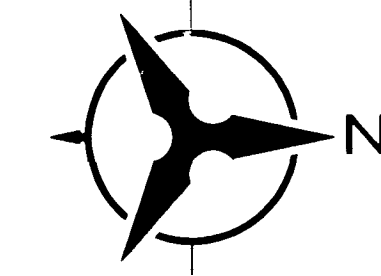
TITLE: TRAFFIC CONTROL PHASE 2			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
P. G. B. 4-12-96	LAST DESIGN UPDATE		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	40	46



- PHASE 3:**
- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED WEST HALF OF EUBANK BOULEVARD AND TEMPORARY CROSSOVER.
 - INSTALL THE EAST HALF OF PROPOSED ROADWAY SECTION FROM STA. 14+20 TO STA. 18+80, STA 19+30 TO STA 25+85, AND STA. 26+30 TO STA. 28+95.
 - GOLF CART TRAFFIC SHALL REMAIN IN THE SOUTH LOW FLOW CULVERT AND THE LOW FLOW CHANNEL FLOOR UNDER THE NEW OF THE BRIDGE.
 - CONSTRUCT BOTH SOUTH AND NORTH BRIDGE ABUTMENTS EAST OF CENTERLINE, AND PROPOSED GOLF CART PATH, AND CHANNEL FLOOR EAST OF CENTERLINE.
 - INSTALL TEMPORARY WALL BARRIER STA 17+00 TO STA 20+50.
 - REMOVE 3 OF THE EXISTING 8 FOOT CULVERT PIPES.
 - INSTALL 30" WATER MAIN FROM STA. 15+12 TO STA. 23+19.
 - INSTALL STORM DRAIN IMPROVEMENTS ON THE WEST HALF OF EUBANK BOULEVARD.
 - ACCESS SHALL BE MAINTAINED FOR STARLIGHT AND SAN ANTONIO.

LEGEND

- TRAFFIC FLOW
- BARRICADE - TYPE III
- SIGN
- BARREL
- FLAGGER
- WORK ZONE
- INSTALL TEMPORARY PAVEMENT
- EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- GOLF CART TRAFFIC



0 25 50 100
SCALE: 1" = 50'

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

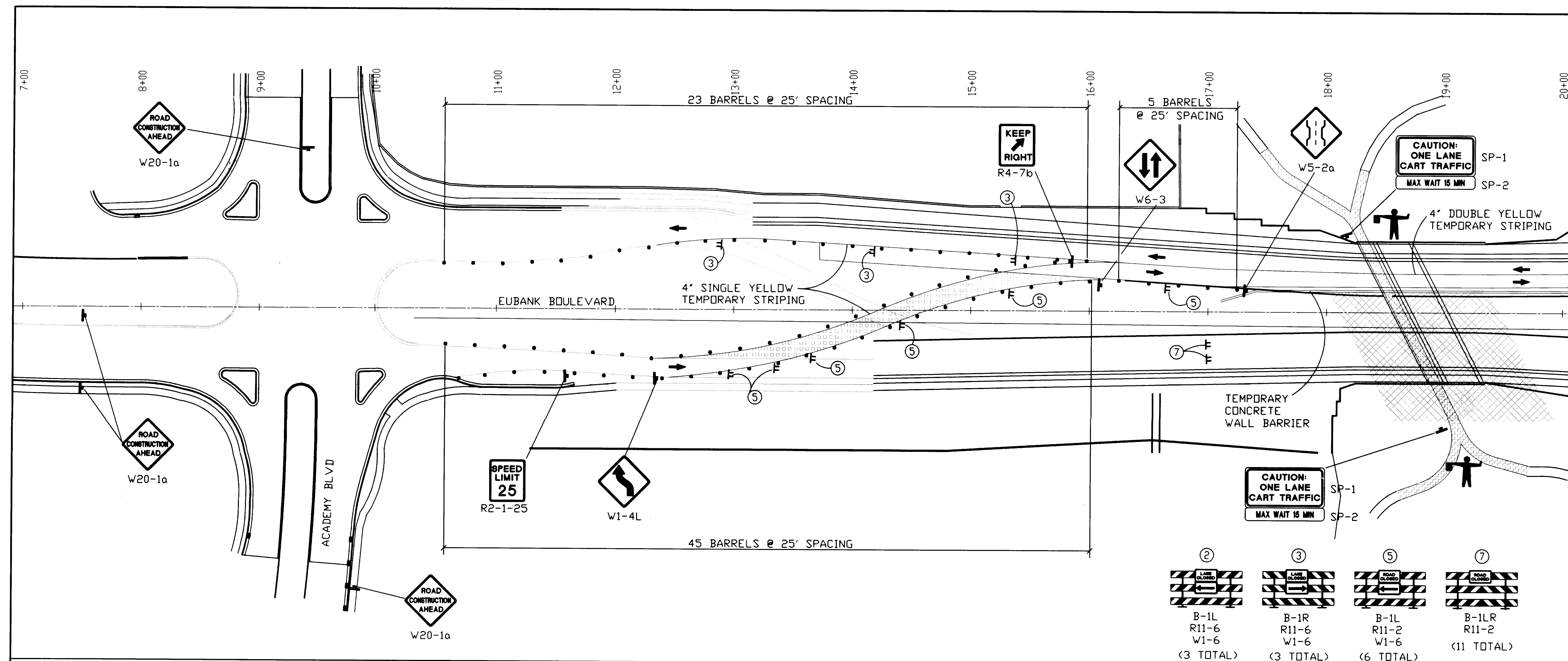
Debra Vaughan
Debra Vaughan, P.E., 11992
7/31/97
Date

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
								FIELD NOTES					
								NO.		BY		DATE	
		NO.		DATE									
		REMARKS		BY									
		REVISIONS											
		DESIGN											
		DESIGNED BY: ARB		DATE 4-96									
		DRAWN BY: ARB		DATE 4-96									
		CHECKED BY: AMT		DATE 4-96									

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL PHASE 3			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
<i>B.G. 4-12-96</i>			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	41	46

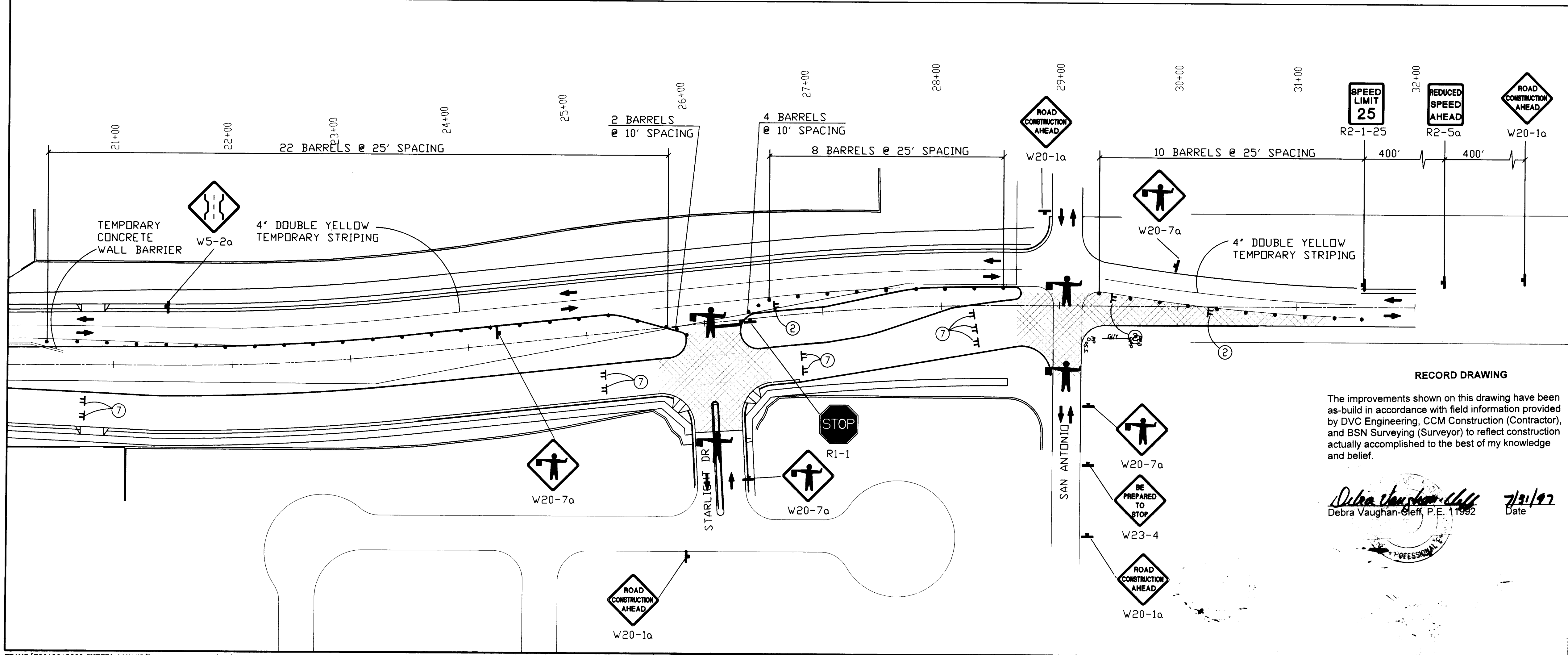


PHASE 4:

- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED WEST HALF OF EUBANK BOULEVARD AND TEMPORARY CROSSOVER.
- GOLF CART TRAFFIC SHALL USE THE CART PATH ON THE COMPLETED PORTION OF THE DRAINAGE CHANNEL FLOOR. FLAGGERS SHALL BE UTILIZED AT BOTH ENDS OF PATH DURING PLACEMENT OF PRECAST VOIDED SLABS.
- TEMPORARY WALL BARRIER STA 17+00 TO STA 20+50 TO REMAIN FROM PHASE 3.
- COMPLETE INSTALLATION OF BRIDGE. INSTALLATION OF PRECAST VOIDED SLABS SHALL TAKE PLACE IN 15 MINUTE INTERVALS TO ALLOW GOLF CART TRAFFIC TO PASS UNDER THE CONSTRUCTION ZONE. PRECAUTIONS SHALL MADE TO SECURE CONSTRUCTION EQUIPMENT AND MATERIALS DURING GOLF CART PASSAGE.
- INSTALL PAVEMENT AT STARLIGHT INTERSECTION DURING OFF PEAK HOURS. FLAGGERS SHALL CONTROL ACCESS THROUGH STARLIGHT DRIVE.
- INSTALL PAVEMENT AT SAN ANTONIO INTERSECTION DURING OFF PEAK HOURS. FLAGGERS SHALL CONTROL ACCESS THROUGH SAN ANTONIO.
- REMOVE REMAINING 8' CULVERT PIPE.

LEGEND

- TRAFFIC FLOW
- BARRICADE - TYPE III
- SIGN
- BARREL
- FLAGGER
- WORK ZONE
- INSTALL TEMPORARY PAVEMENT
- EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
- GOLF CART TRAFFIC



ENGINEER'S SEAL

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL PHASE 4

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL MO./DAY/YR. MO./DAY/YR.

DESIGNED BY: ARB DATE 4-96
DRAWN BY: ARB DATE 4-96
CHECKED BY: AMT DATE 4-96

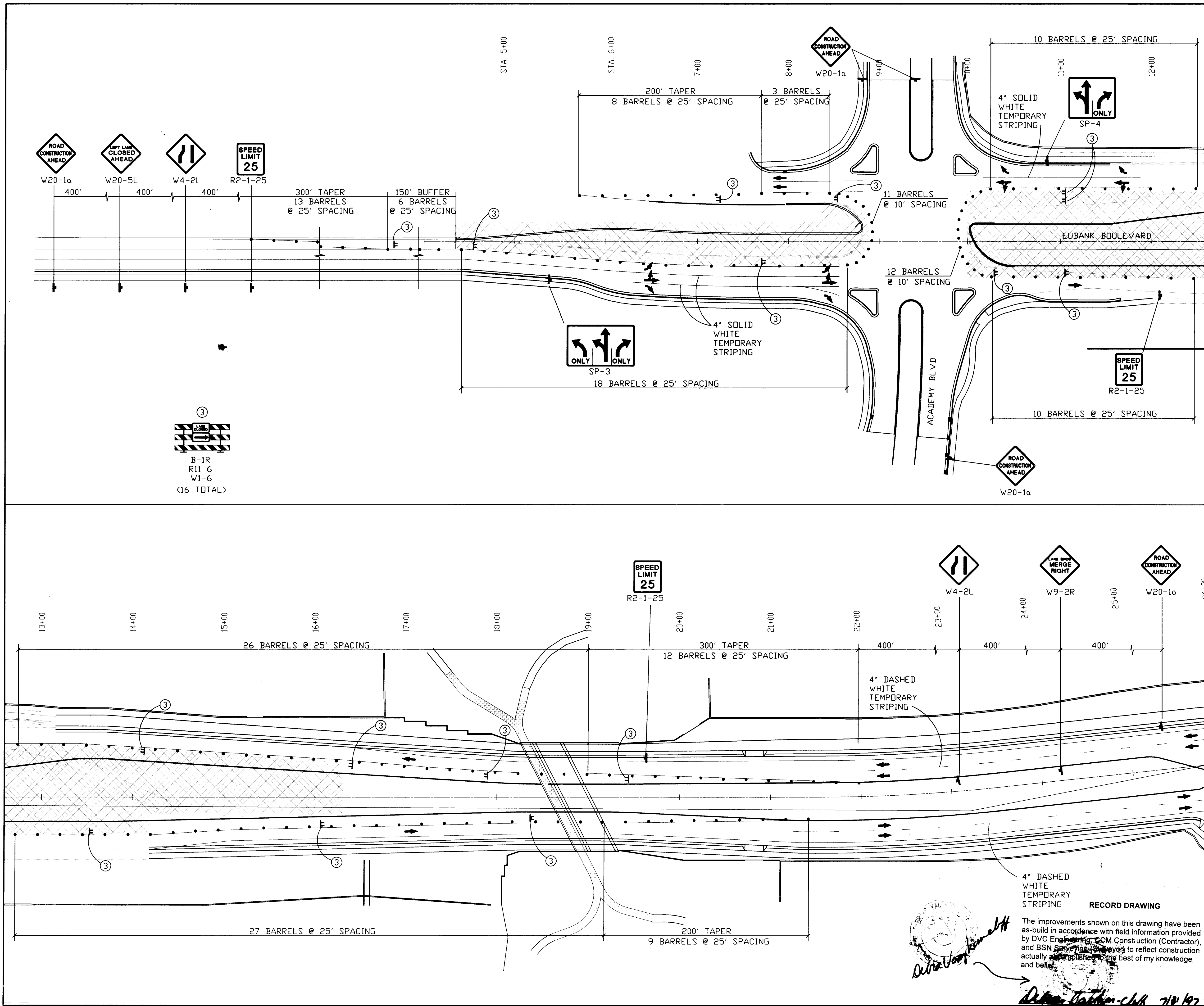
TRANS: [T96159A2222 SHEETS CONSTR] PHASE4.DWG 4/11/96
XREF FILE: EU_BASE.DWG
EUBANK.PCP 1:1

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Clegg, P.E. 11992 Date 7/31/97

SCANNED BY LASON

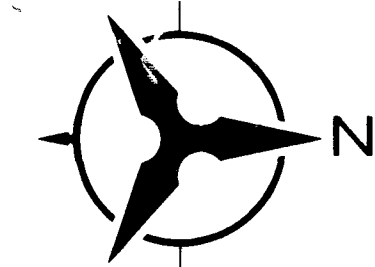


- PHASE 5:**
1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE COMPLETED PORTION OF EUBANK BOULEVARD AND THE OUTSIDE LANES OF EXISTING EUBANK BOULEVARD.
 2. GOLF CART TRAFFIC SHALL USE THE COMPLETED CART PATH UNDER THE NEWLY CONSTRUCTED BRIDGE.
 3. INSTALL 30" WATER MAIN FROM STA. 10+30 TO STA. 15+12.
 4. INSTALL PROPOSED INSIDE LANES AND MEDIAN FROM STA. 9+90 TO STA. 16+35.
 5. INSTALL LEFT TURN LANE SOUTH OF ACADEMY BOULEVARD.

NOTE:

CONTRACTOR SHALL COORDINATE WITH CITY TRAFFIC OPERATIONS (PH 857-8000) TO OPERATE SIGNAL TEMPORARILY AS SPLIT PHASE ON EUBANK DURING THIS CONSTRUCTION PHASE. CONTRACTOR SHALL NOTIFY CITY TRAFFIC OPERATIONS THREE (3) DAYS IN ADVANCE OF REQUIRING SPLIT PHASE.

- LEGEND**
- TRAFFIC FLOW
 - BARRICADE - TYPE III
 - SIGN
 - BARREL
 - FLAGGER
 - WORK ZONE
 - INSTALL TEMPORARY PAVEMENT
 - EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
 - GOLF CART TRAFFIC



0 25 50 100
SCALE: 1" = 50'

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
INSPECTOR'S	DATE	ACS STATION 8 - 21					
ACCEPTANCE BY	DATE	ELEVATION = 5702.26'					
VERIFICATION BY	DATE	APPROX 375' WEST OF					
DRAWN BY	DATE	EUBANK ON ACADEMY					
RECORDED BY	DATE	NORTH CURB LINE					
MICRO-FILM INFORMATION							
NO.	DATE						

[Signature]
4-15-96

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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **TRAFFIC CONTROL
PHASE 5**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO / DAY / YR	MO / DAY / YR
<i>B.G.B.</i> 4-12-96				
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
4405-80	D-20	43	46	

SCANNED BY
BY LASON

PHASE 6:
1. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON THE INSIDE LANES OF THE COMPLETED PORTIONS OF EUBANK BOULEVARD.
2. GOLF CART TRAFFIC SHALL USE THE COMPLETED GOLF CART PATH UNDER THE NEWLY CONSTRUCTED BRIDGE.
3. INSTALL OUTSIDE LANES AND PROPOSED ROADWAY SECTION FROM STA. 9+90 TO STA. 14+20.

NOTE:
CONTRACTOR SHALL COORDINATE WITH CITY TRAFFIC OPERATIONS (PH 857-8000) TO OPERATE SIGNAL TEMPORARILY AS SPLIT PHASE ON EUBANK DURING THIS CONSTRUCTION PHASE. CONTRACTOR SHALL NOTIFY CITY TRAFFIC OPERATIONS THREE (3) DAYS IN ADVANCE OF REQUIRING SPLIT PHASE.

LEGEND
TRAFFIC FLOW
BARRICADE - TYPE III
SIGN
BARREL
FLAGGER
WORK ZONE
INSTALL TEMPORARY PAVEMENT
EXISTING TEMPORARY PAVEMENT FROM PREVIOUS PHASE
GOLF CART TRAFFIC

0 25 50 100
SCALE: 1" = 50'

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

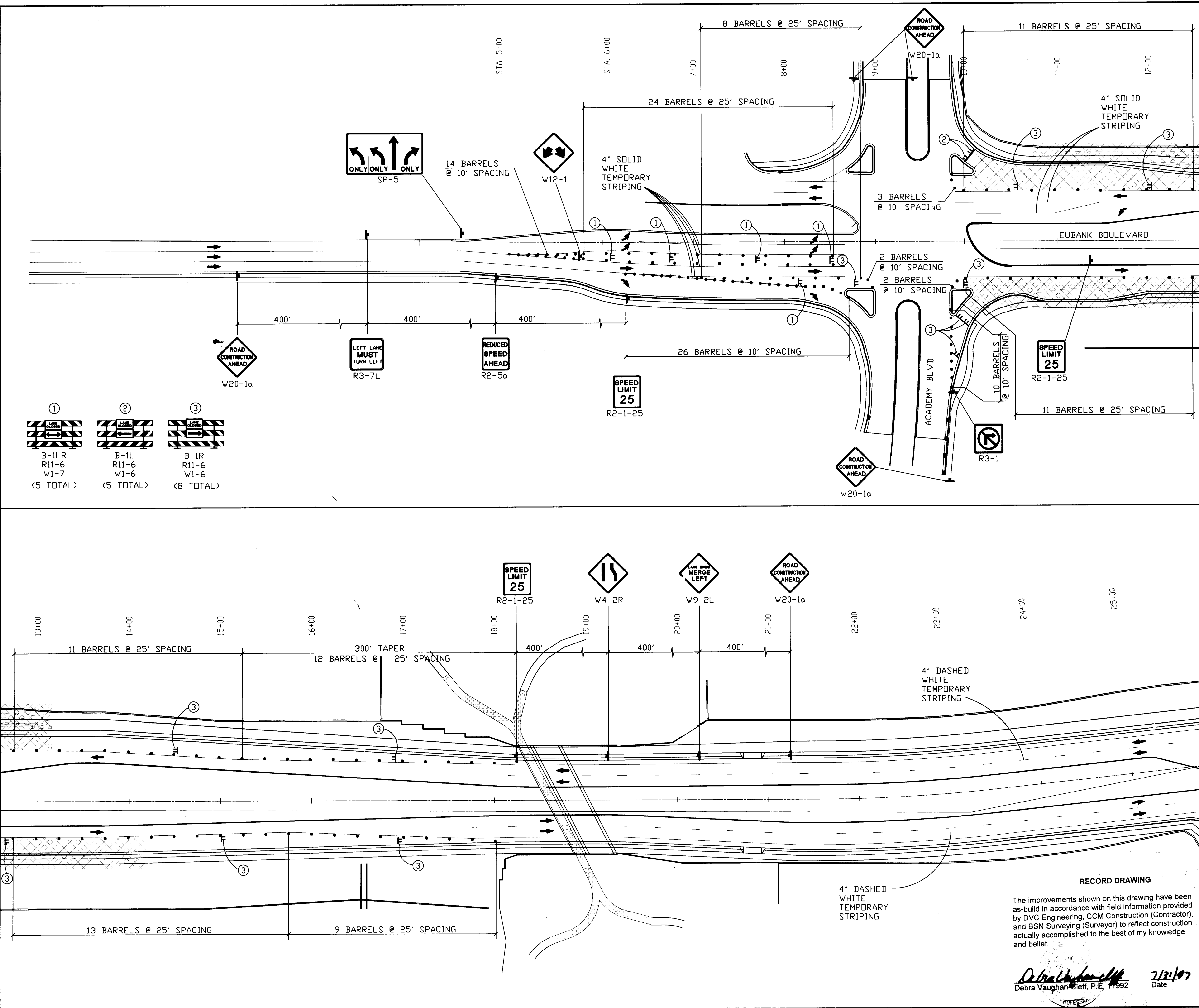
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

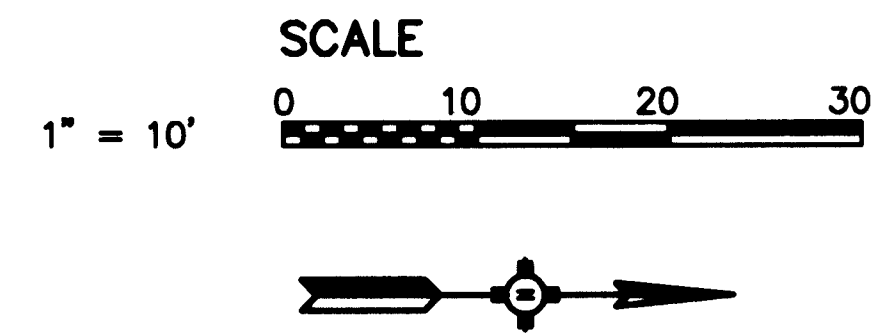
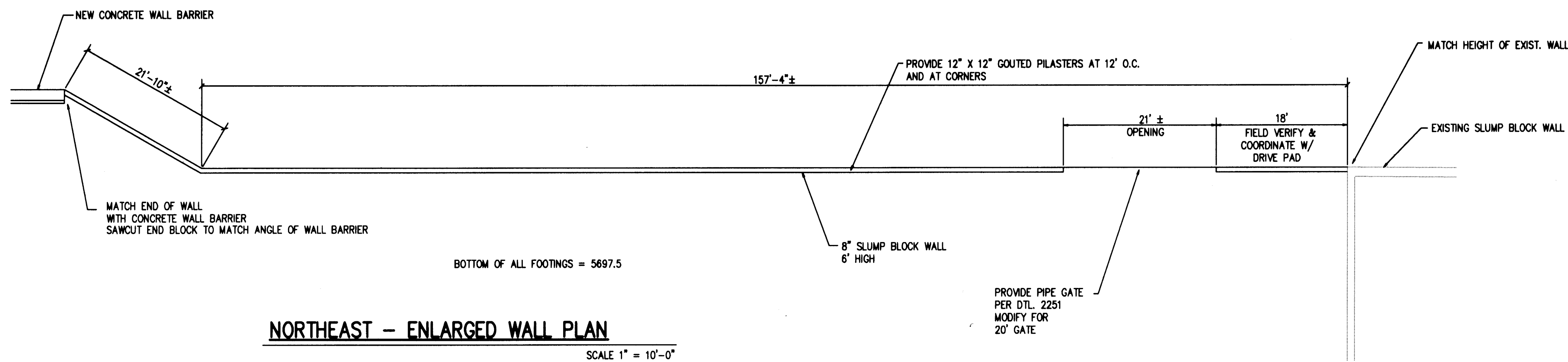
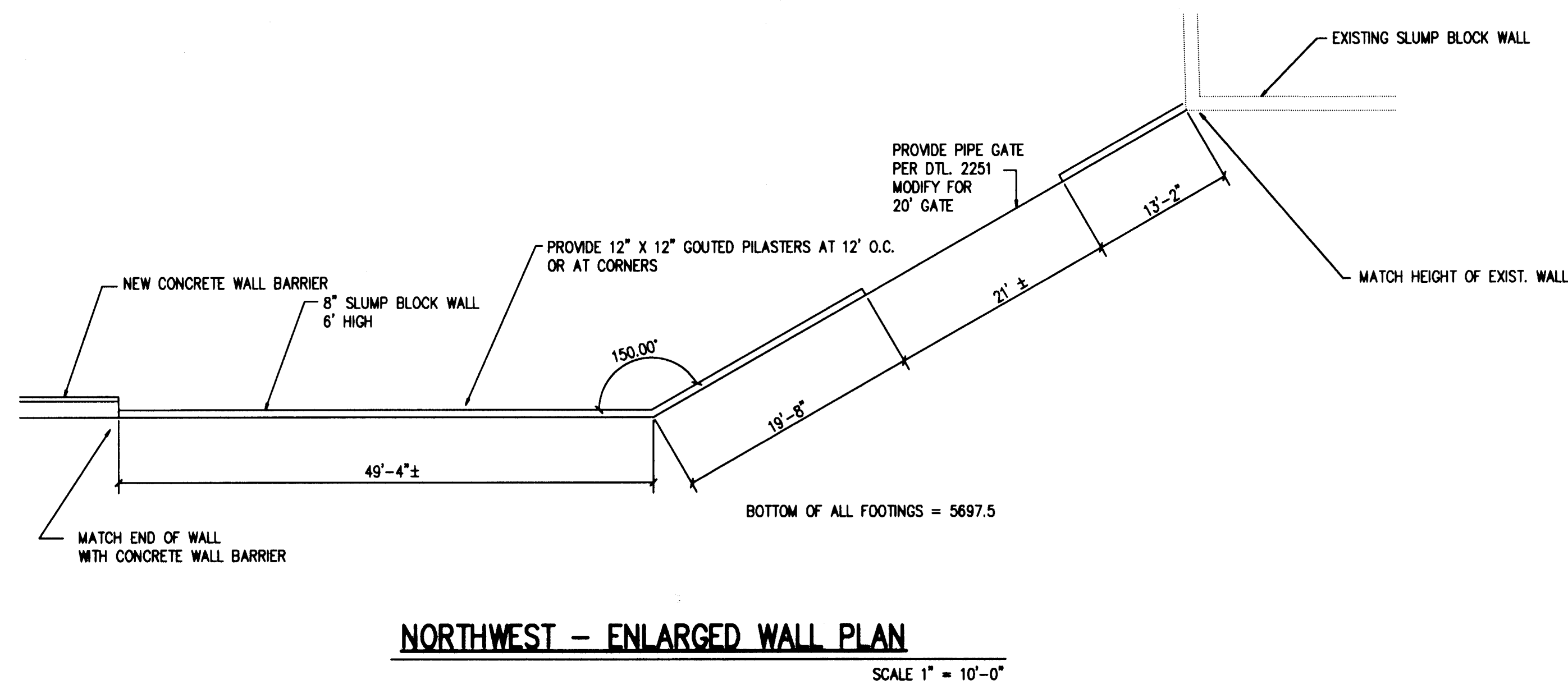
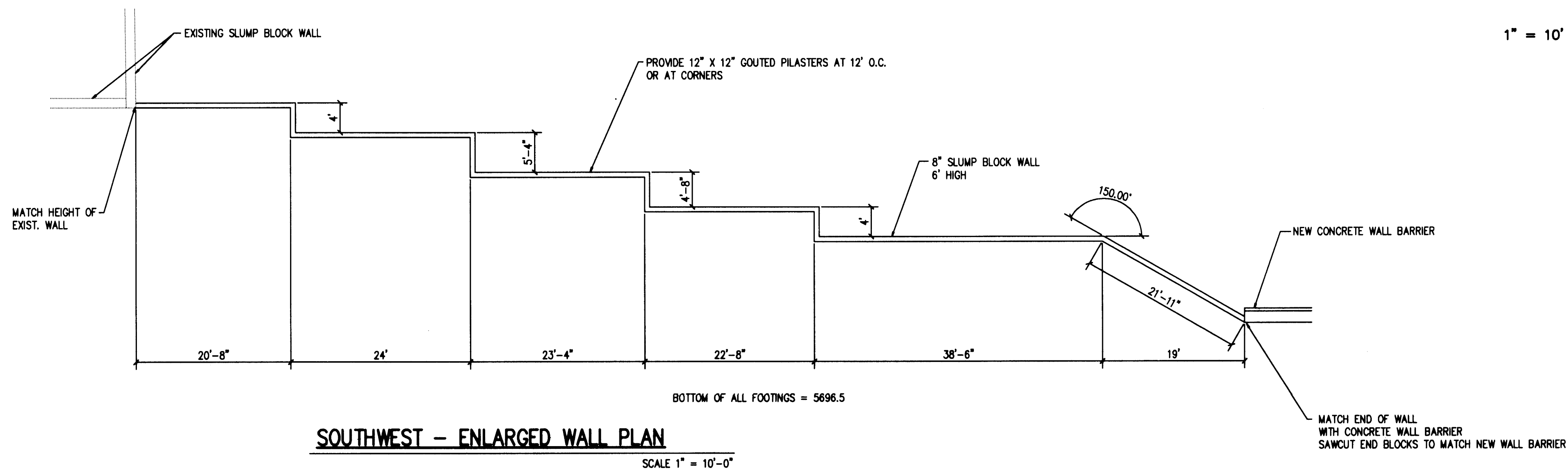
TITLE: TRAFFIC CONTROL PHASE 6

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
B.G.B. 4-12-96				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4405-90	D-20	44	46

SCANNED BY LASON





NOTES:

RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field information provided by DVC Engineering, CCM Construction (Contractor), and BSN Surveying (Surveyor) to reflect construction actually accomplished to the best of my knowledge and belief.

Debra Vaughan-Cheff 7/31/97
Debra Vaughan-Cheff, P.E. 11992 Date

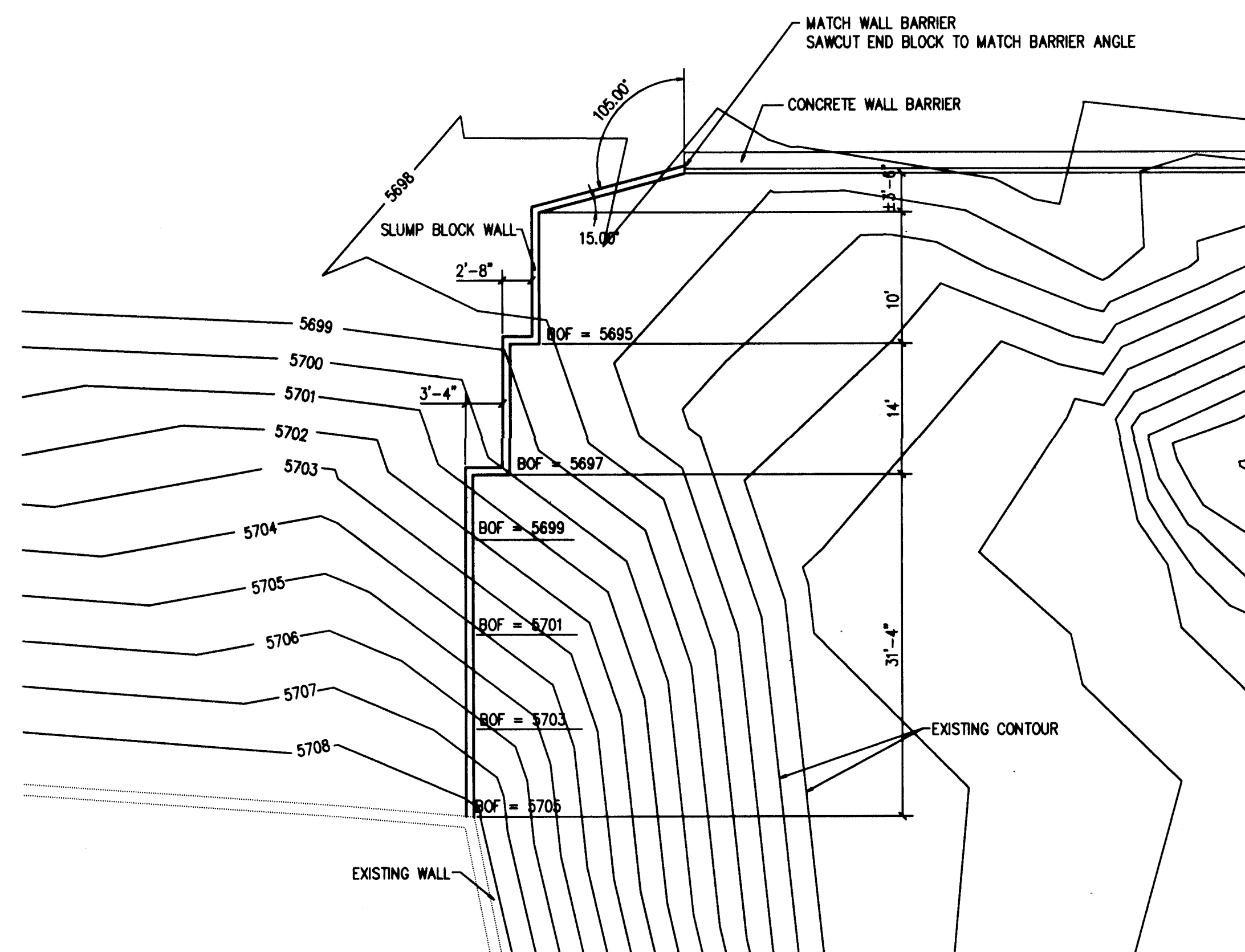
DVC Debra Vaughan-Cheff, P.E.
DVC Consulting Engineer
DVC 6212 Torreon NE
DVC Albuquerque, New Mexico 87109
DVC (505) 249-8196
DVC Fax: (505) 828-1215

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: **8" SLUMP BLOCK WALL
EUBANK**

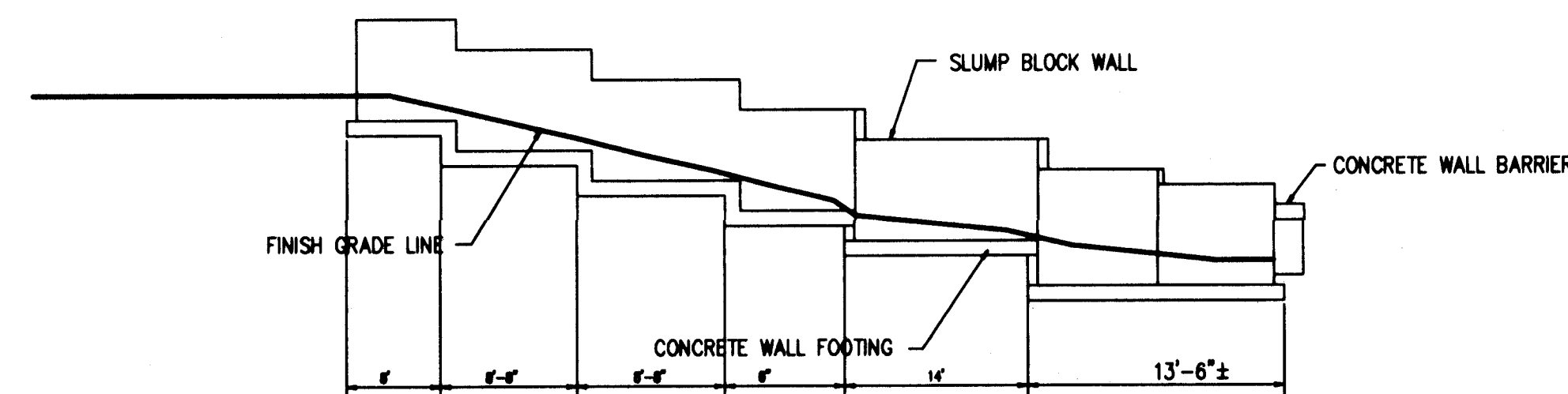
<i>B. J. K.</i> 4-12-96	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	4405-90	Zone Map No.	D-20
Sheet	45	Of	46

ALTERNATE 1



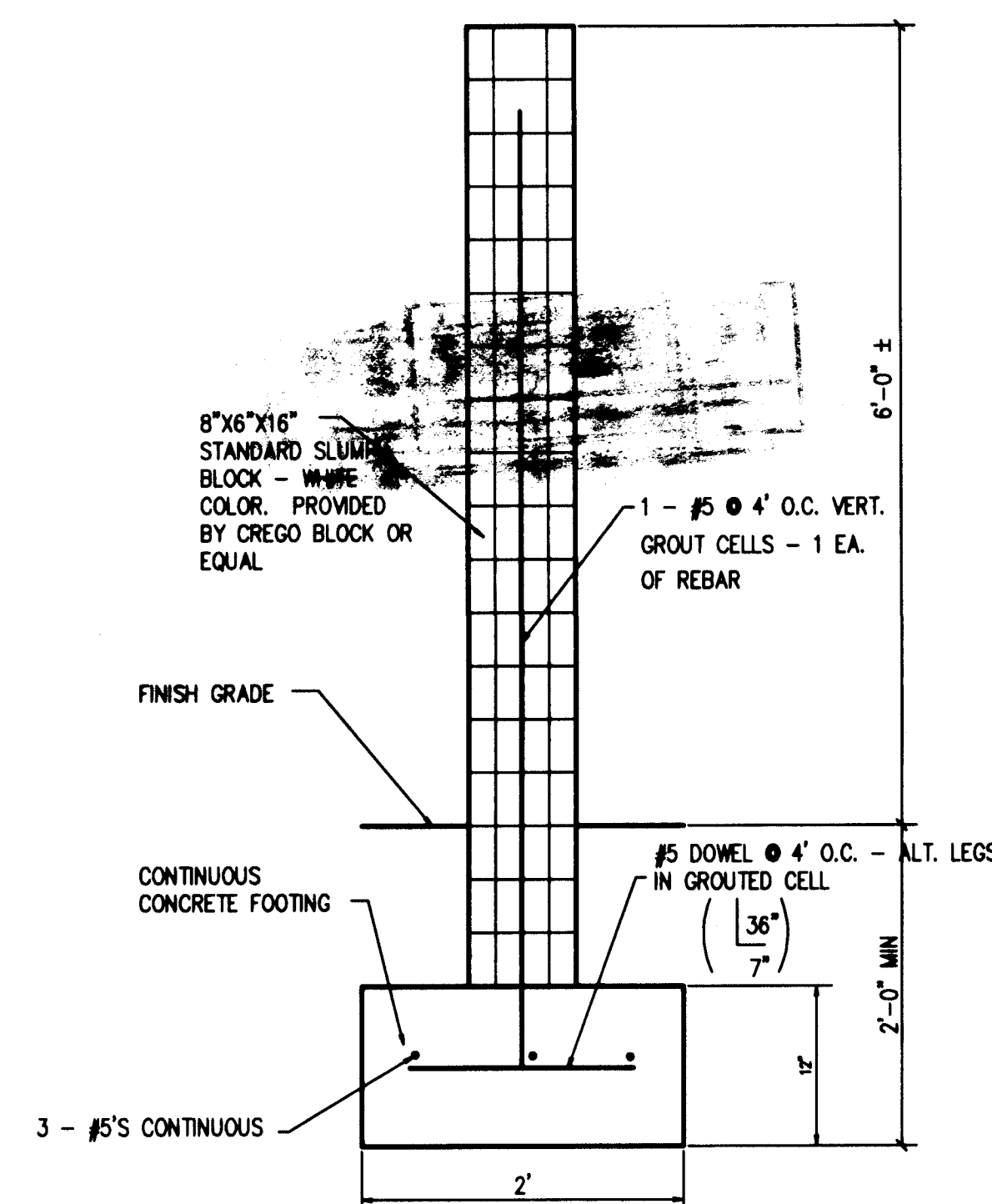
SOUTHEAST - SLUMP BLOCK WALL PLAN

SCALE 1" = 10'-0"



SOUTHEAST - SLUMP BLOCK WALL ELEVATION

VERT & HOR. SCALE 1" = 10'-0"



SLUMP BLOCK WALL SECTION

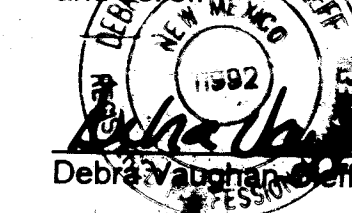
SCALE 1" = 1'-0"

ALTERNATE 1

NOTES:

RECORD DRAWING

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Date 7/2/97

DVC Debra Vaughan-Cleff, P.E.
DVC Consulting Engineer
DVC 6212 Terreon NE
DVC Albuquerque, New Mexico 87109
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DVC Fax: (505) 828-1215

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: 8" SLUMP BLOCK WALL
EUBANK

Last Design Update	Ms./Day/Yr.	Ms./Day/Yr.
City Project No.	4405-90	Zone Map No. D-20
Sheet	46	Of 46