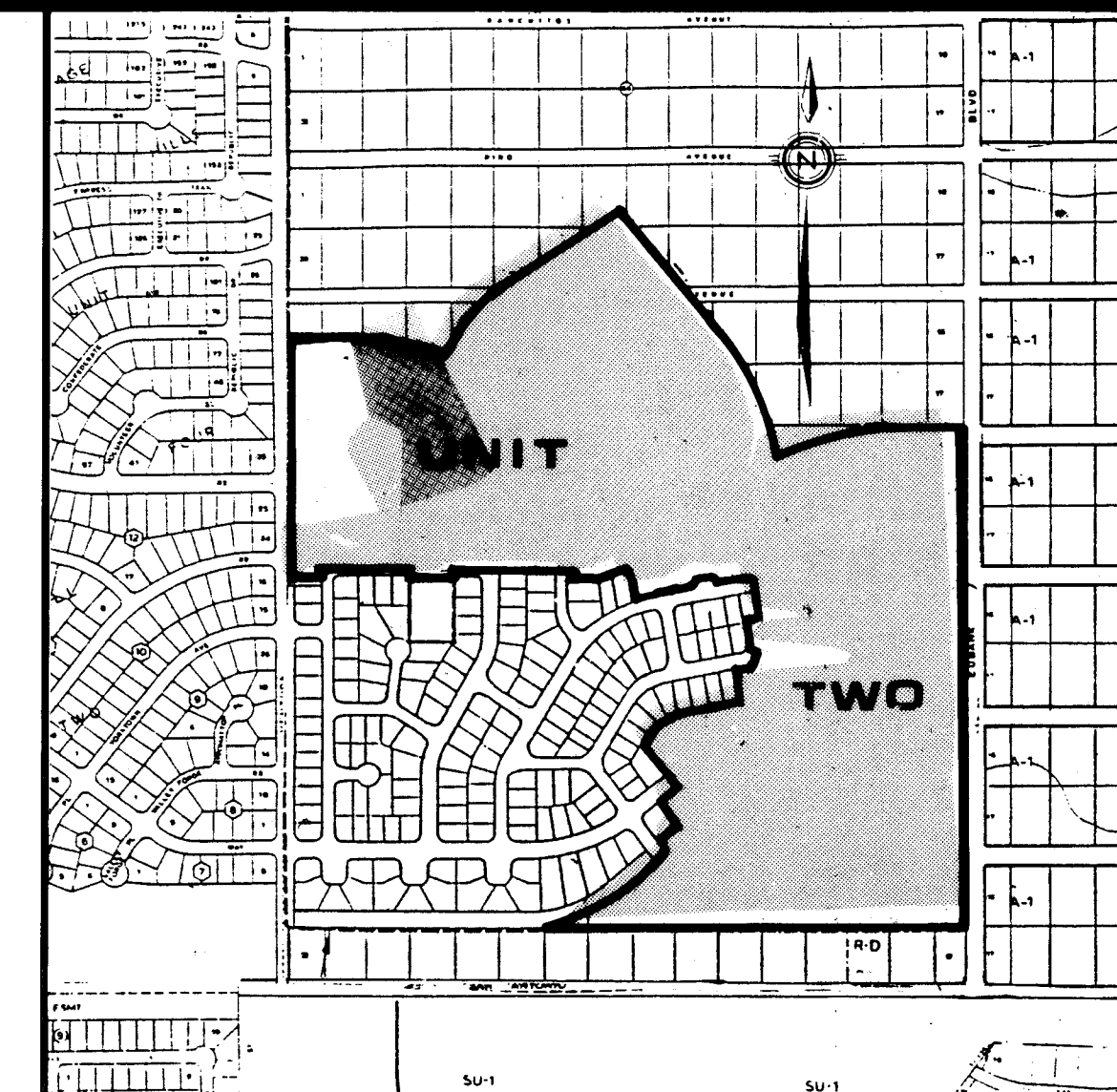


HERITAGE EAST UNIT TWO ALBUQUERQUE, NEW MEXICO

INDEX TO SHEETS

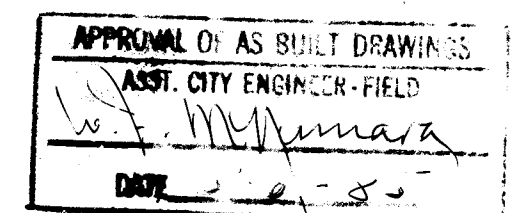
SHEET NO.	DESCRIPTION
1	COVER SHEET AND INDEX TO DRAWINGS
2-3	PLAT OF GEOMETRY
4-6	GRADING PLAN
7-9	EROSION CONTROL PLAN
10	COMPOSITE STREET PAVING PLAN
11-23	STREET PLAN AND PROFILE
24	COMPOSITE SANITARY SEWER AND WATER PLAN
25-37	SANITARY SEWER AND WATER PLAN AND PROFILE
38-39	DRAINAGE CHANNEL PLAN AND PROFILES
40-42	DE VARGAS LOOP BRIDGE



VICINITY MAP

GENERAL NOTES

- 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 New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred to herein as the Standard Specifications and the Contract Documents for Public Works Contract #84-2).
- Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
- 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 so that the conflict can be resolved with minimum amount of delay.
- All utilities and utility service lines shall be installed prior to paving.
- Backfill compaction shall be according to specified street use.
- Tack coat requirements shall be determined by the City Engineer.
- Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- If curb is depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
- All storm drainage facilities shall be completed prior to final acceptance.

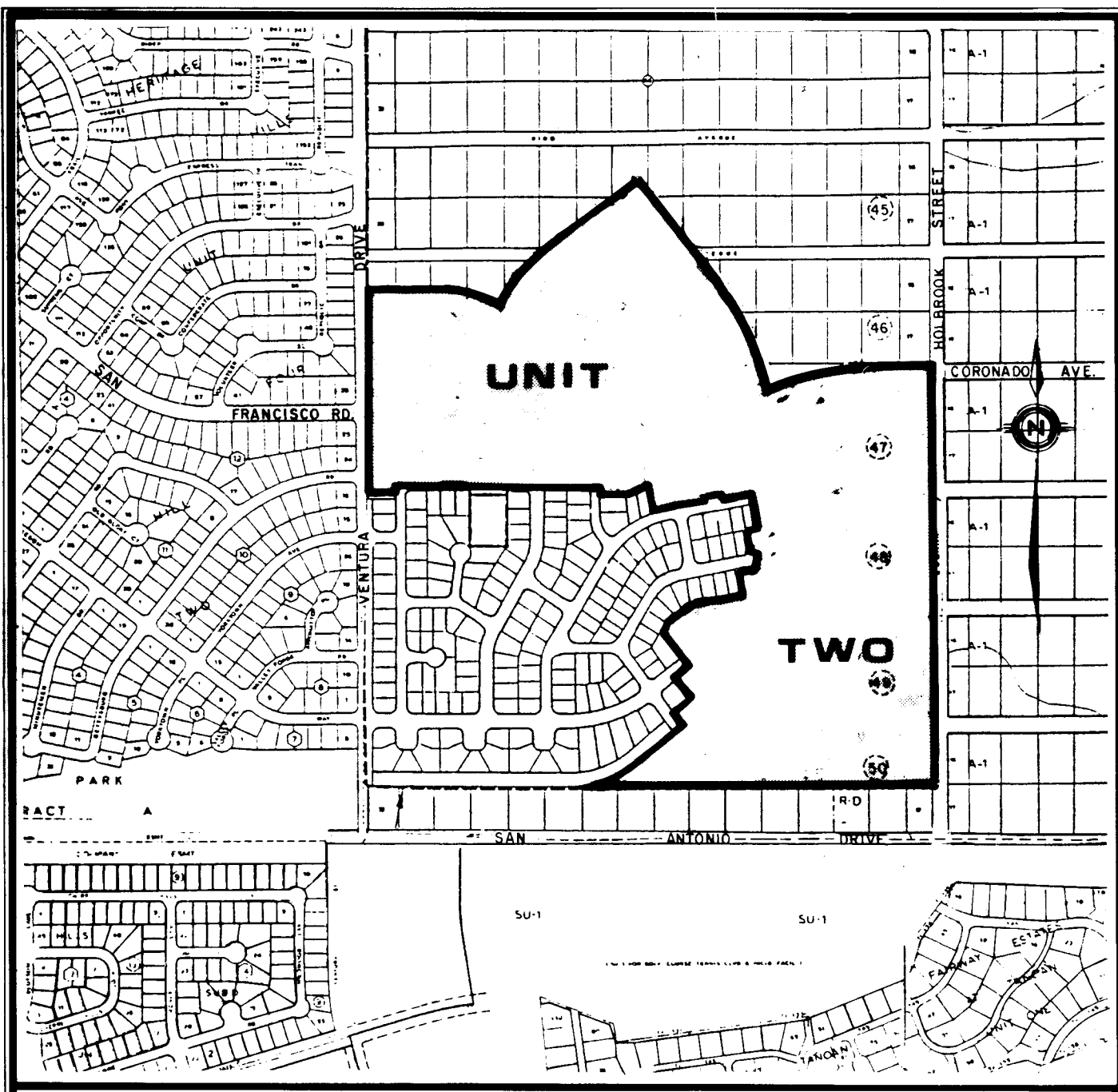


26 201 701 85

△	24, 25, 30, 32, 33, 35, 36, 37	WRD. BSA	11/14/84		
△	24, 26, 27, 31, 32	WRD. BSA	11/14/84		
△	38, 40, 41, 42	WRD. BSA	11/14/84		
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS					

ENGINEER'S SEAL 	DATE: 4-16-84 SCALE: NONE DESIGNED: K. M. W. DRAWN: C. S. C. JOB NO. 75-03-PRE	APPROVED FOR CONSTRUCTION
PROJECT NO. 2017	SHEET 1 OF 42	

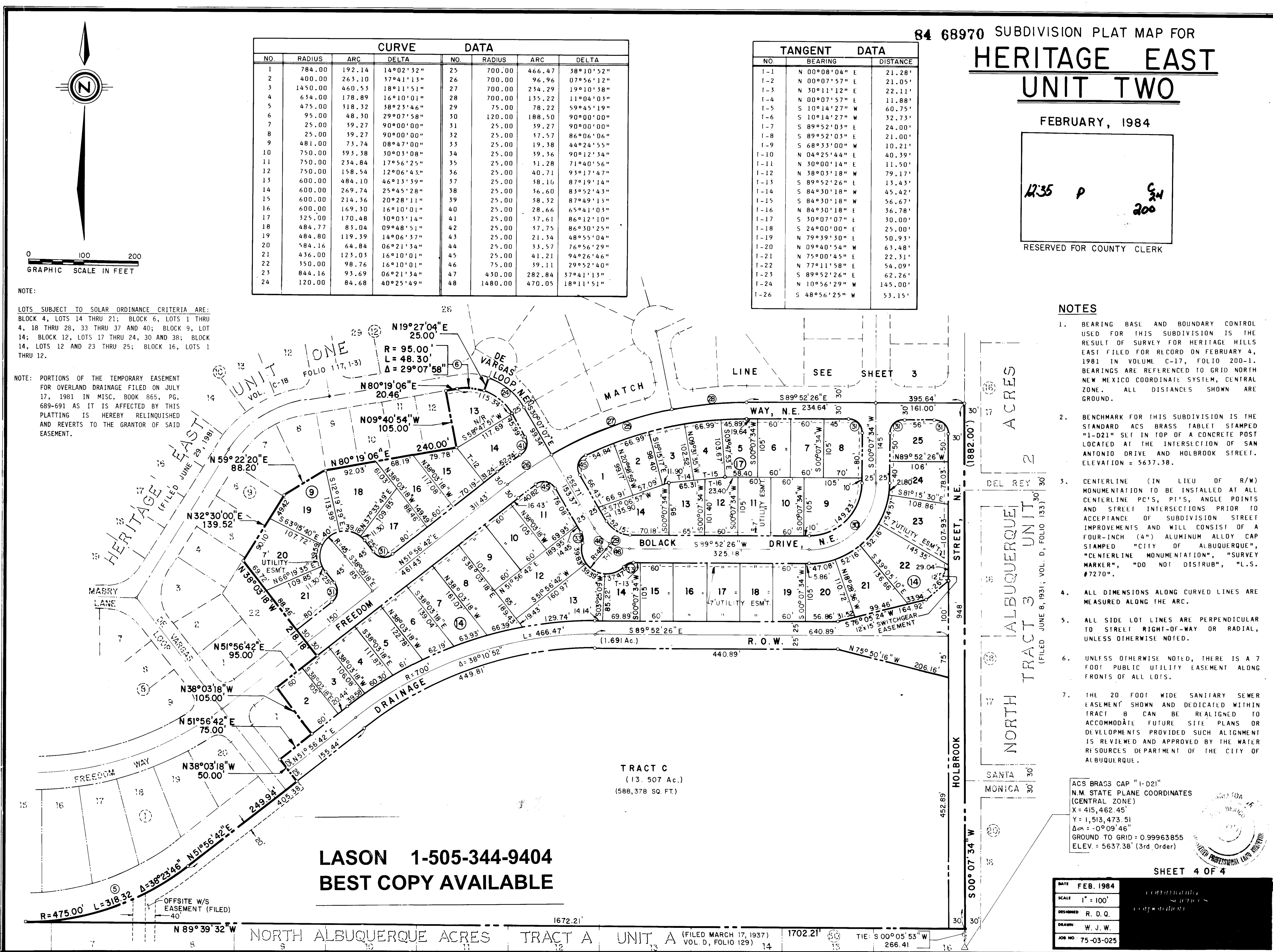
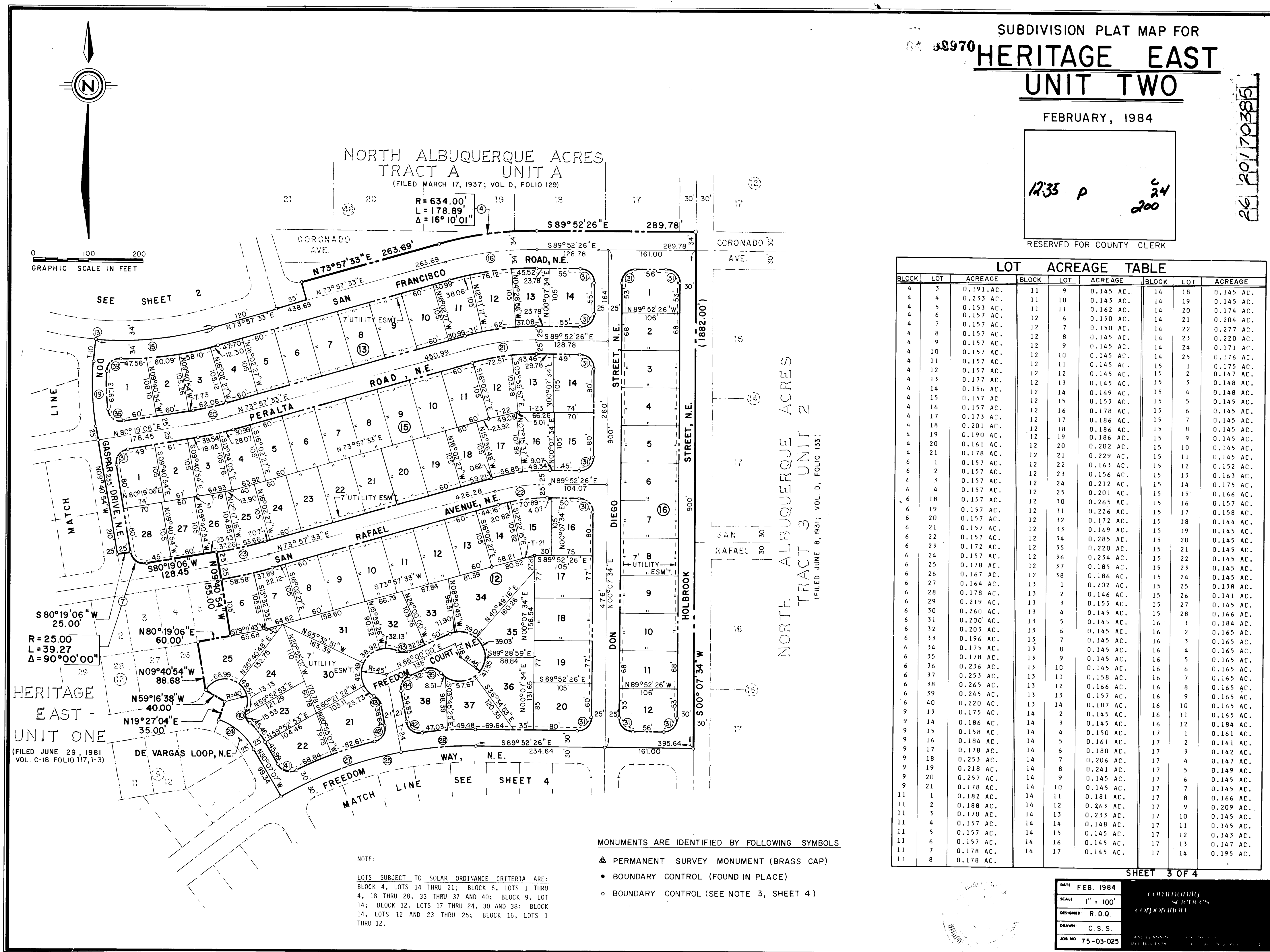
RECORD DRAWING

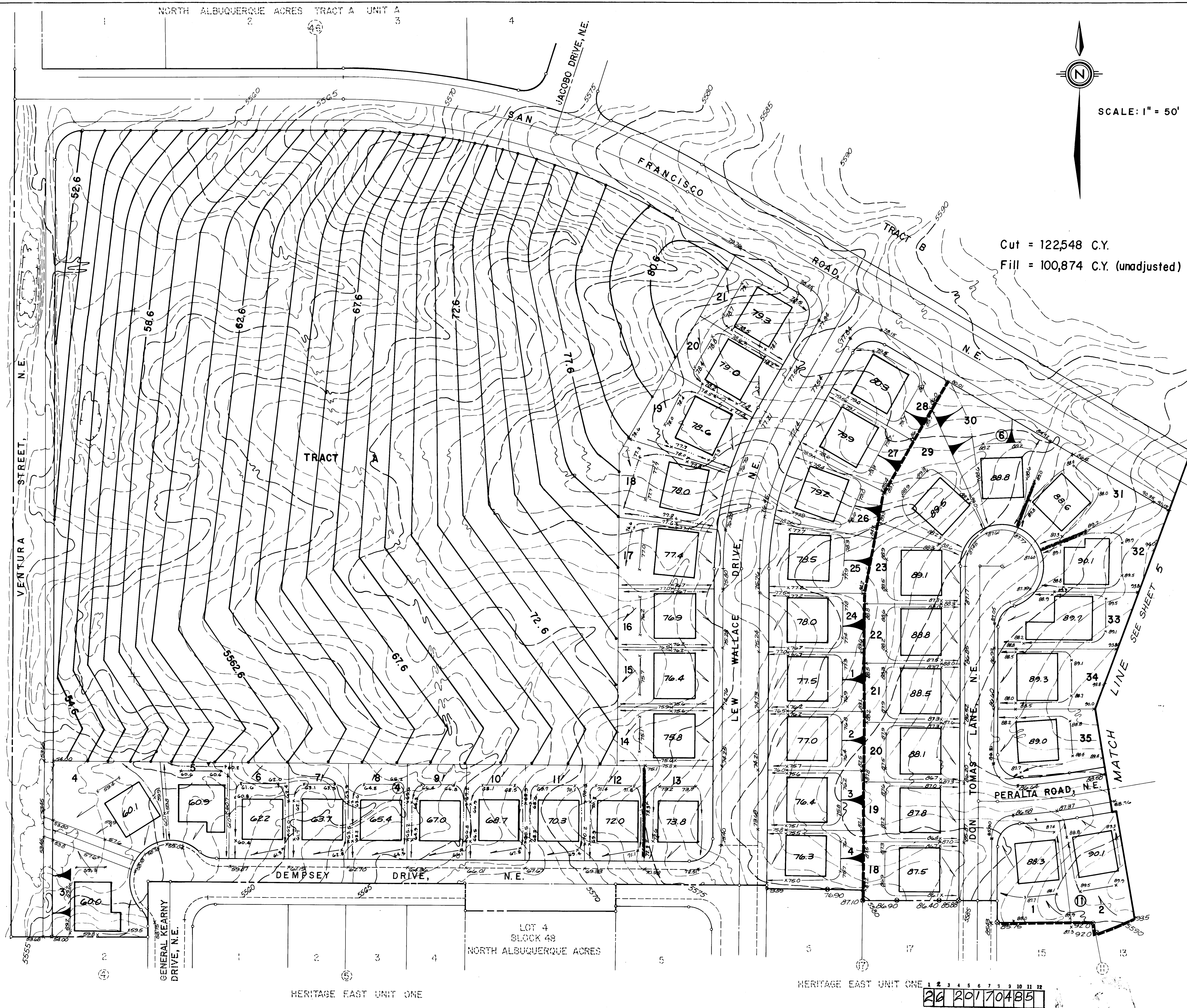


SUBDIVISION DATA
DDB CASE NO. 84-63970
ZONE ATLAS INDEX NO. 0-20-2
GROSS SUBDIVISION ACRES 91.7472 AC.
TOTAL NUMBER OF PLOTS CREATED 187
MILEAGE OF STREETS CREATED 1.187
MILEAGE OF STREETS TO BE CREATED 0.57 MILES
FULL WIDTH 22.28 MILES
TOTAL AREA 85.18 AC.
DATE OF SURVEY FEBRUARY 1984
RESERVED FOR COUNTY CLERK

84 63970 SUBDIVISION PLAT MAP FOR
HERITAGE EAST
UNIT TWO
SITUATE WITHIN THE ELENA GALLEGOS GRANT
PROJECTED SECTION 20, T.11 N., R.4 E., N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 1984

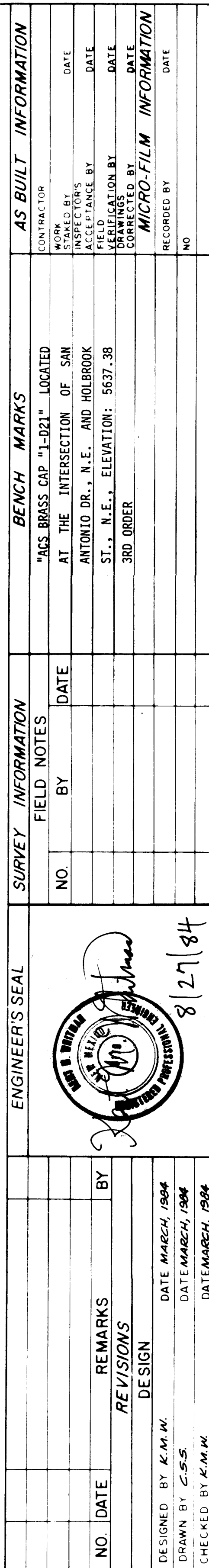
DESCRIPTION
THAT CERTAIN PARCEL OF LAND SITUATE WITHIN THE ELENA GALLEGOS GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMPRISING A PORTION OF THE EAST HALF OF PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDIAN AND BEING COMPRISED OF LOTS 23, BLOCK 45; LOTS 4, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 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568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 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2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160,





SCALE: 1" = 50'

Cut = 122,548 C.Y.
Fill = 100,874 C.Y. (unadjusted)



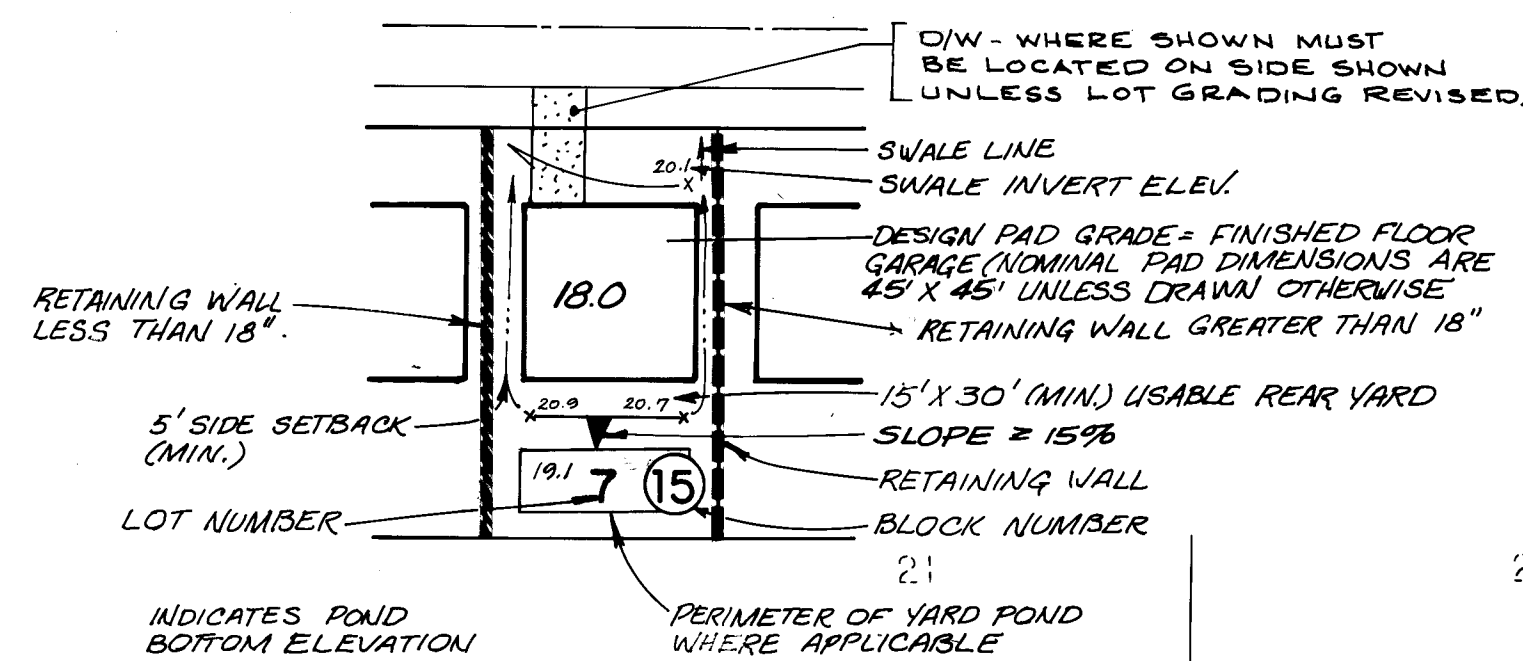
GRADING PLAN KEY

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT TWO
GRADING PLAN

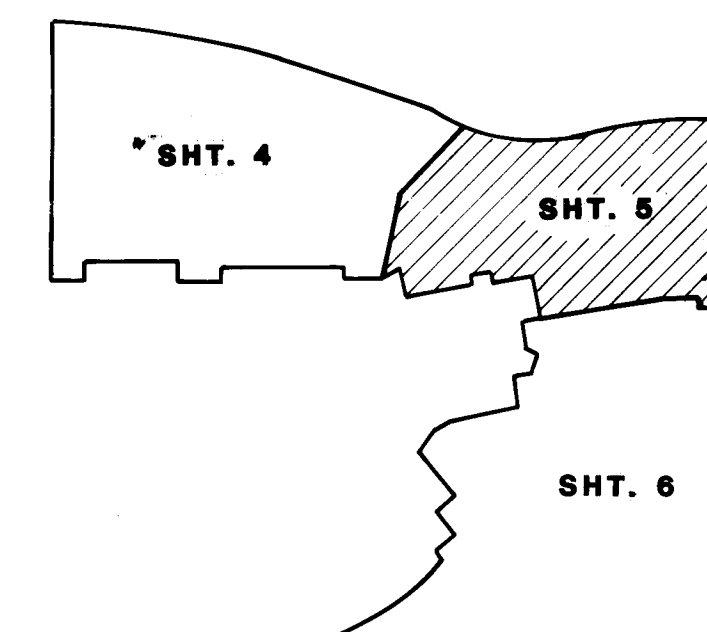
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. H. Murray</i>	9/9/84	Liquid Waste	<i>R. Pera</i>	5/1/84
A C E - Design	<i>H. C. Lee</i>	9/1/84	Traffic	<i>W. Dunn</i>	8/16/84
Hydrology	<i>B. J. Sordley</i>	8/27/84	Water	<i>R. Pera</i>	5/1/84

DRAWING NO.	2017	MAP NO.	D-20	SHEET	4	OF	42
-------------	------	---------	------	-------	---	----	----



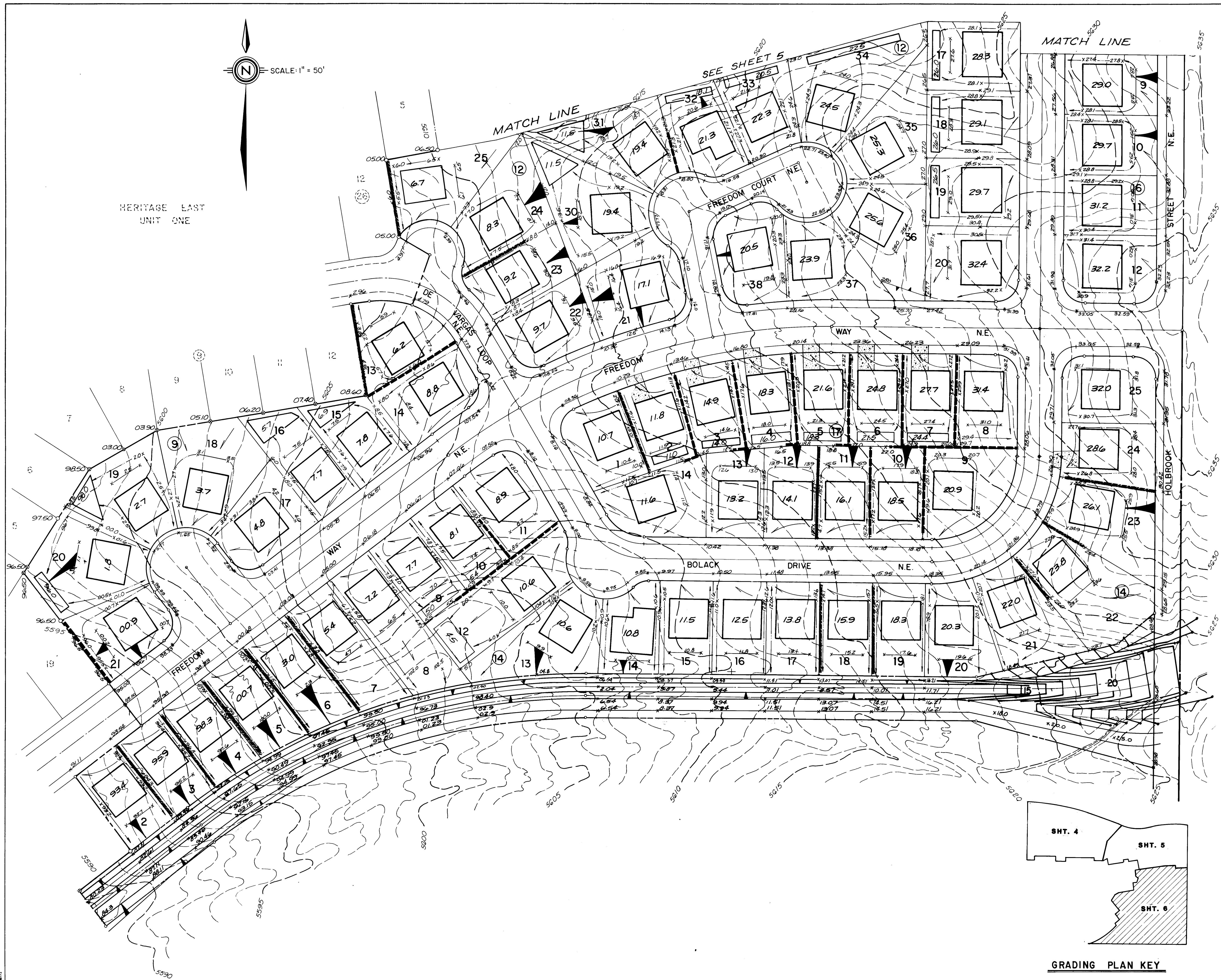
LOCATION OF SIDE YARD SWALES
ADJACENT TO RETAINING OR
GARDEN WALLS (F.H.A. TYP.)

TYPICAL LOT SECTION
scale: 1" = 50'

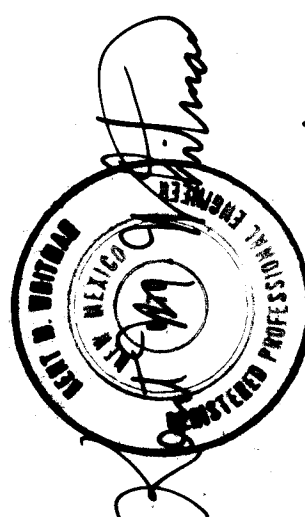


CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST - UNIT TWO					
GRADING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>A.P. Lopez</i>	9/5/04	Liquid Waste	<i>R. Dunn</i>	8/11/04
A.C.E. Design	<i>A.P. Lopez</i>	9/4/04	Traffic	<i>A.A. Dunn</i>	8/16/04
Hydrology	<i>A.P. Lopez</i>	8/27/04	Water	<i>R. Dunn</i>	8/11/04
DRAWING NO.	2017		MAP NO.	D-20	
			SHEET	5	OF 42

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		"ACS BRASS CAP "1-1021" LOCATED		CONTRACTOR	
		NO.	BY	DATE	AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38	WORK ORDER BY INSPECTOR'S ACCEPTANCE BY DATE	DATE
REMARKS		BY		3RD ORDER		DRAWINGS CHECKED BY DATE	
NO. DATE		BY				MICRO-FILM INFORMATION	
DESIGNED BY K.M.W.						RECORDED BY DATE	
DATE MARCH, 1984						NO	
DRAWN BY C.S.S.							
DATE MARCH, 1984							
CHECKED BY K.M.W.							
DATE MARCH, 1984							

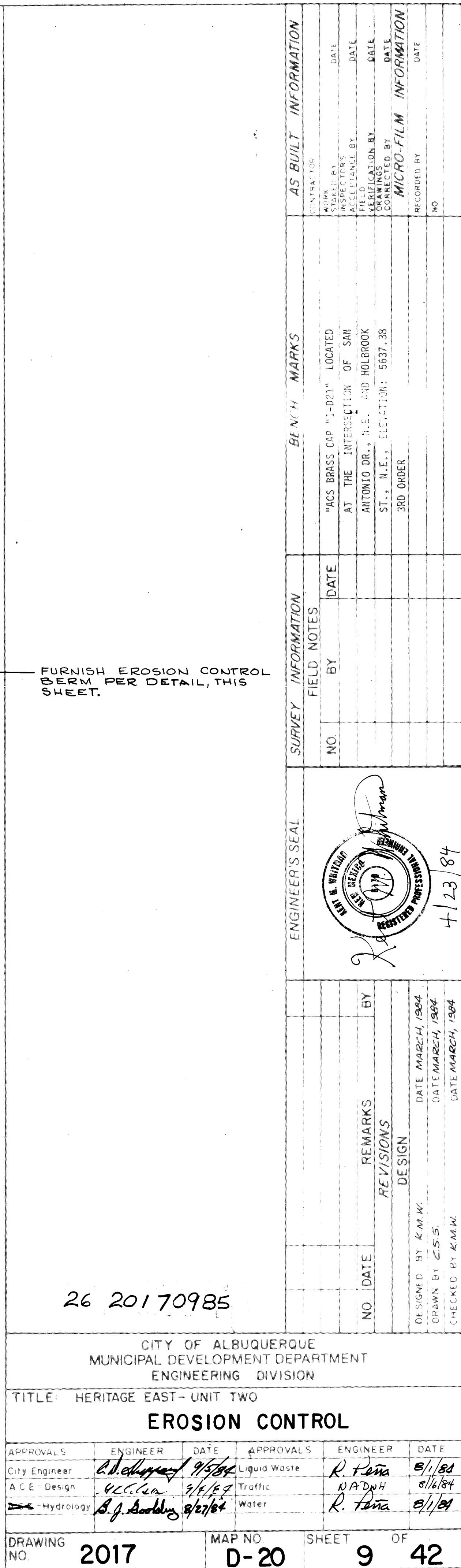


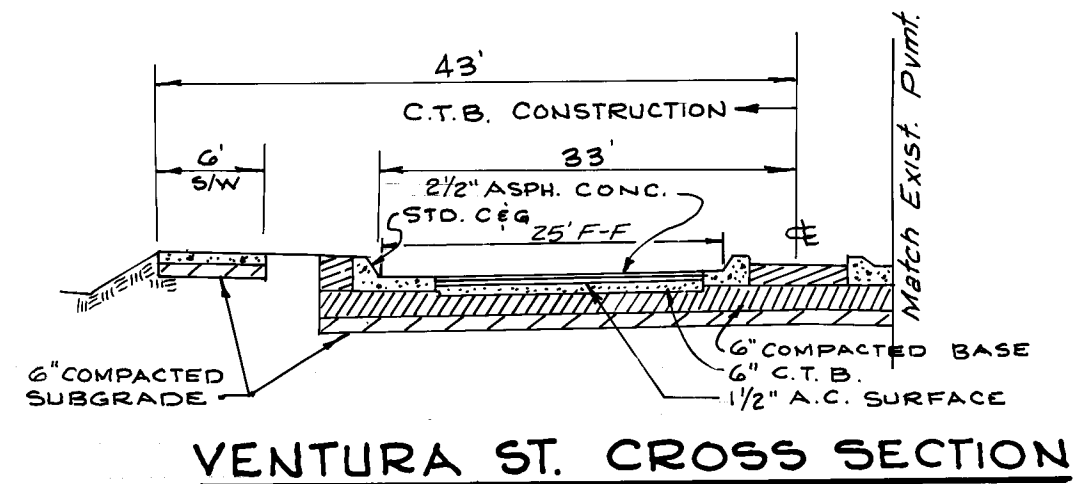
1 2 3 4 5 6 7 8 9 10 11											
26 20170685											
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION											
TITLE: HERITAGE EAST- UNIT TWO GRADING PLAN											
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE	
City Engineer		R. P. H.		9/6/84		Liquid Waste		R. P. H.		8/1/84	
A.C.E. - Design		H. Olson		7/4/84		Traffic		NA RWH		8/16/84	
Hydrology		S. J. ...		8/27/84		Water		R. P. H.		8/1/84	
DRAWING NO.				2017				MAP NO. D-20			
SHEET				OF				7			
7				8				9			

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		"ACS BRASS CAP "1-021" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38 3RD ORDER		CONTRACTOR	
		NO.				WORK BY	
		BY				INSPECTORS	
						ACCEPTANCE BY	
						FIELD LOCATION BY	
						DRAWINGS	
						CORRECTED BY	
						DATE	
						RECORDED BY	
						DATE	
						NO	

REMARKS		BY		DESIGNED BY K.M.W.		DATE MARCH, 1984	
REVISIONS				DRAWN BY C.S.S.		DATE MARCH, 1984	
DESIGN				CHECKED BY K.M.W.		DATE MARCH, 1984	

2017		D-20		SHEET 6 OF 42	
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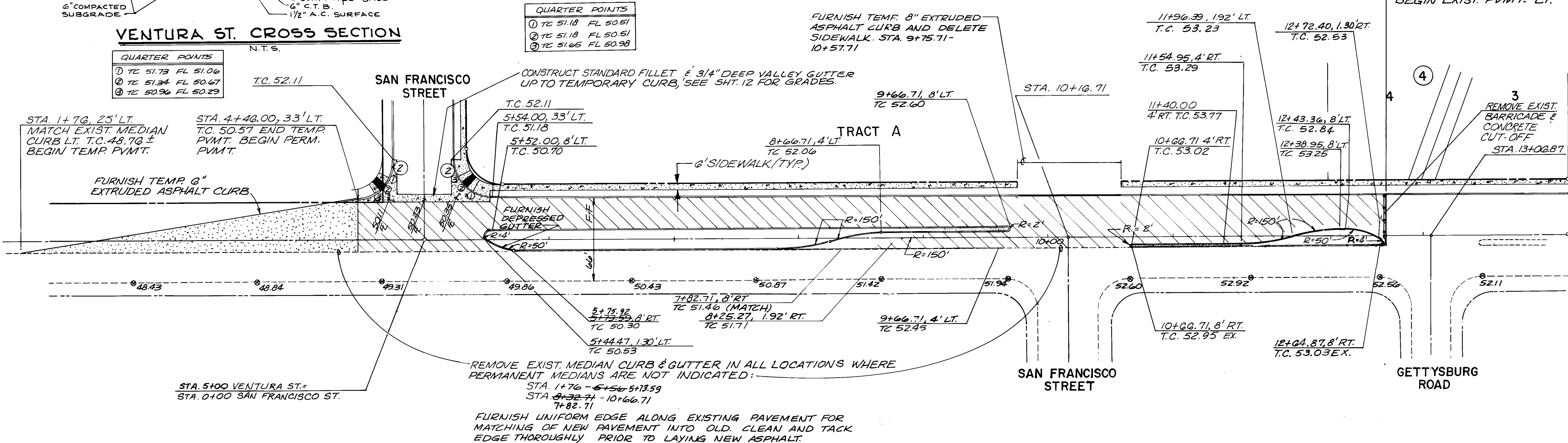


QUARTER POINTS

1	TC 51.73	FL 51.06
2	TC 51.34	FL 50.67
3	TC 50.96	FL 50.29

QUARTER POINTS

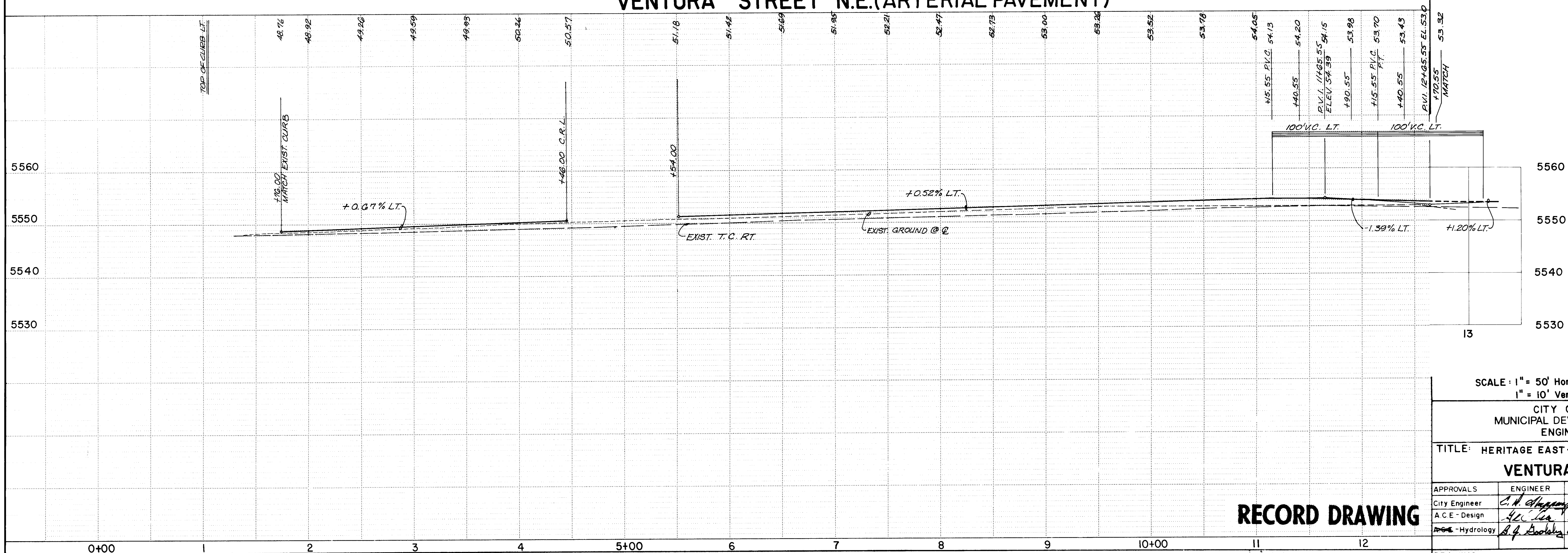
1	TC 51.18	FL 50.51
2	TC 51.18	FL 50.51
3	TC 51.65	FL 50.98



CURB CURVE DATA

CURVE	RADIUS	ARC	DELTA
2	3000'	47.12'	90°00'00"

VENTURA STREET N.E.(ARTERIAL PAVEMENT)



SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: HERITAGE EAST-UNIT TWO-PAVING PLAN & PROFILE
VENTURA STREET N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. H. [Signature]</i>	8/1/84	Traffic	<i>[Signature]</i>	8/1/84
A.C.E. Design	<i>[Signature]</i>	8/1/84	Water Resources	<i>[Signature]</i>	8/1/84
Hydrology	<i>[Signature]</i>	8/27/84			

DRAWING NO.	2017	MAP NO.	D-20	SHEET	11 OF 42
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AS BUILT INFORMATION

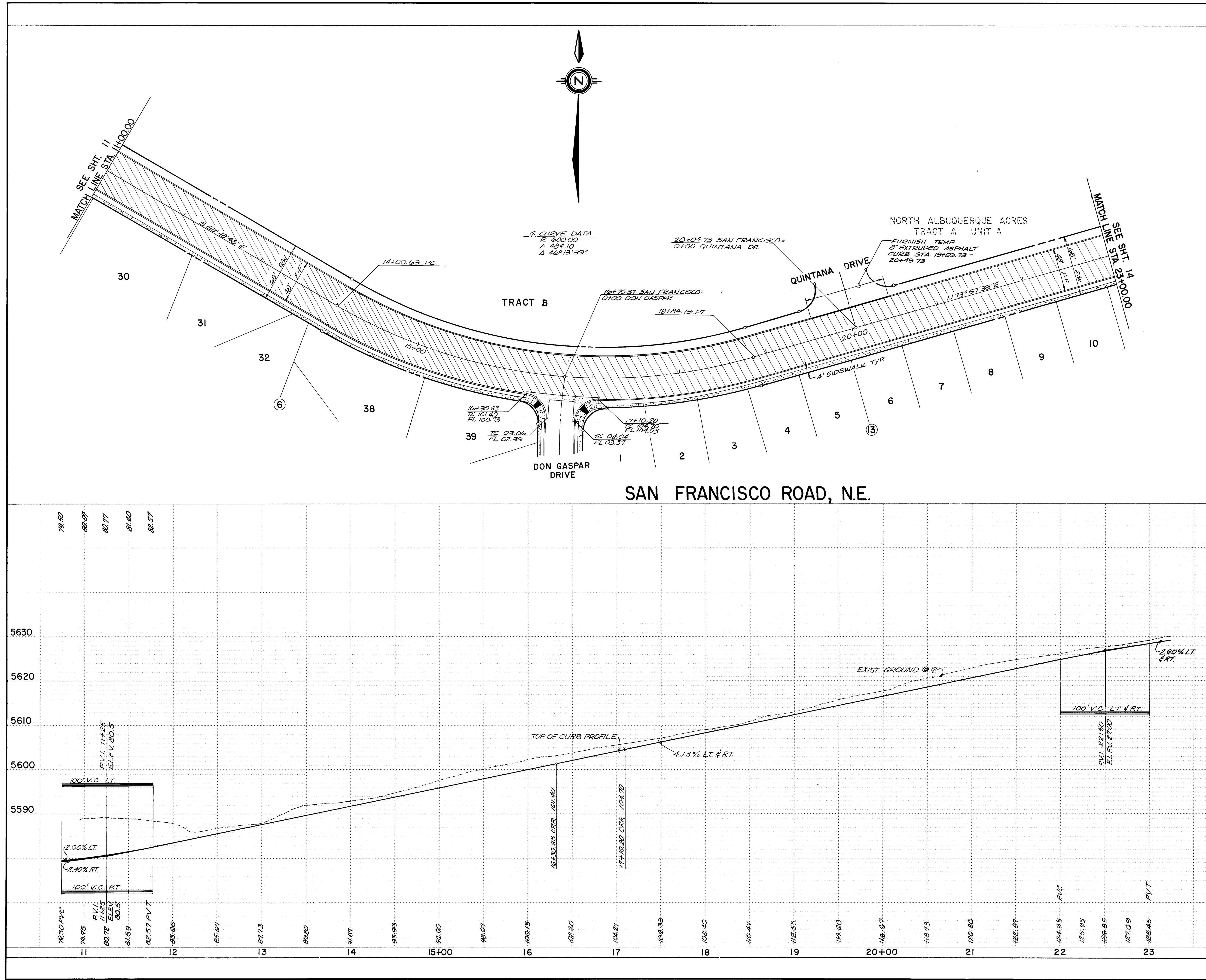
AS BUILT	DATE	BY
ARTERIAL P.V.M.T.	8-85	Scanlon
EXIST. P.V.M.T.		
2" THICK TEMP. A.C. P.V.M.T.		

- NOTES
- 1) OTHER MEDIAN GEOMETRIC SPECIFICATIONS NOT SHOWN SHALL BE IN ACCORDANCE IN CITY STANDARD DWG. T-2-2
 - 2) VENTURA PAVEMENT IS GRADED PRIMARILY AS A SUPERELEVATED SECTION BETWEEN CURBS.
 - 3) SIDEWALKS ON VENTURA STREET TO BE BUILT WITH THIS CONTRACT.
 - 4) ALL WHEELCHAIR RAMPS TO BE CONSTRUCTED WITH THIS CONTRACT.

BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
"ACS BRASS CAP "1-D21" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E., AND HOLBROOK ST., N.E., ELEVATION: 5637.38 3RD ORDER		NO.	DATE		
		BY			
				REVISIONS	BY
				DESIGN	DATE
				CHECKED BY KMMW	DATE

RECORD DRAWING

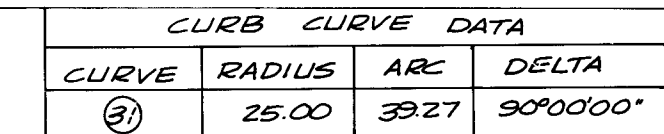
26 2017/1185



NOTES:
1) SIDEWALKS ON SAN FRANCISCO ROAD TO BE BUILT WITH THIS CONTRACT.
2) ALL WHEELCHAIR RAMPS TO BE CONSTRUCTED WITH THIS CONTRACT.

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL			REVISIONS			DESIGN		
CONTRACTOR	Wyle Corp		"JES BRASS CAP "1-D21"	LOCATED		NO.	BY	DATE				NO.	DATE	REMARKS	BY	DESIGNED	DATE
WORK	By Scanlon	DATE 3-85	AT THE INTERSECTION OF SAN													DRAWN BY	DATE
INSPECTOR'S			ANTONIO DR., N.E. AND HOLBROOK													CHECKED BY	DATE
ACCEPTANCE BY			ST., N.E., ELEVATION: 5637.38														
VERIFICATION BY	Scanlon	DATE 3-85	3RD ORDER														
DRAWING NO.	2017																
MAP NO.	D-20																
SHEET	13																
OF	42																

26 201 71 385



Wylie Corp.	3-85
Scanlon	3-85
Scanlon	3-85
Scanlon	3-85

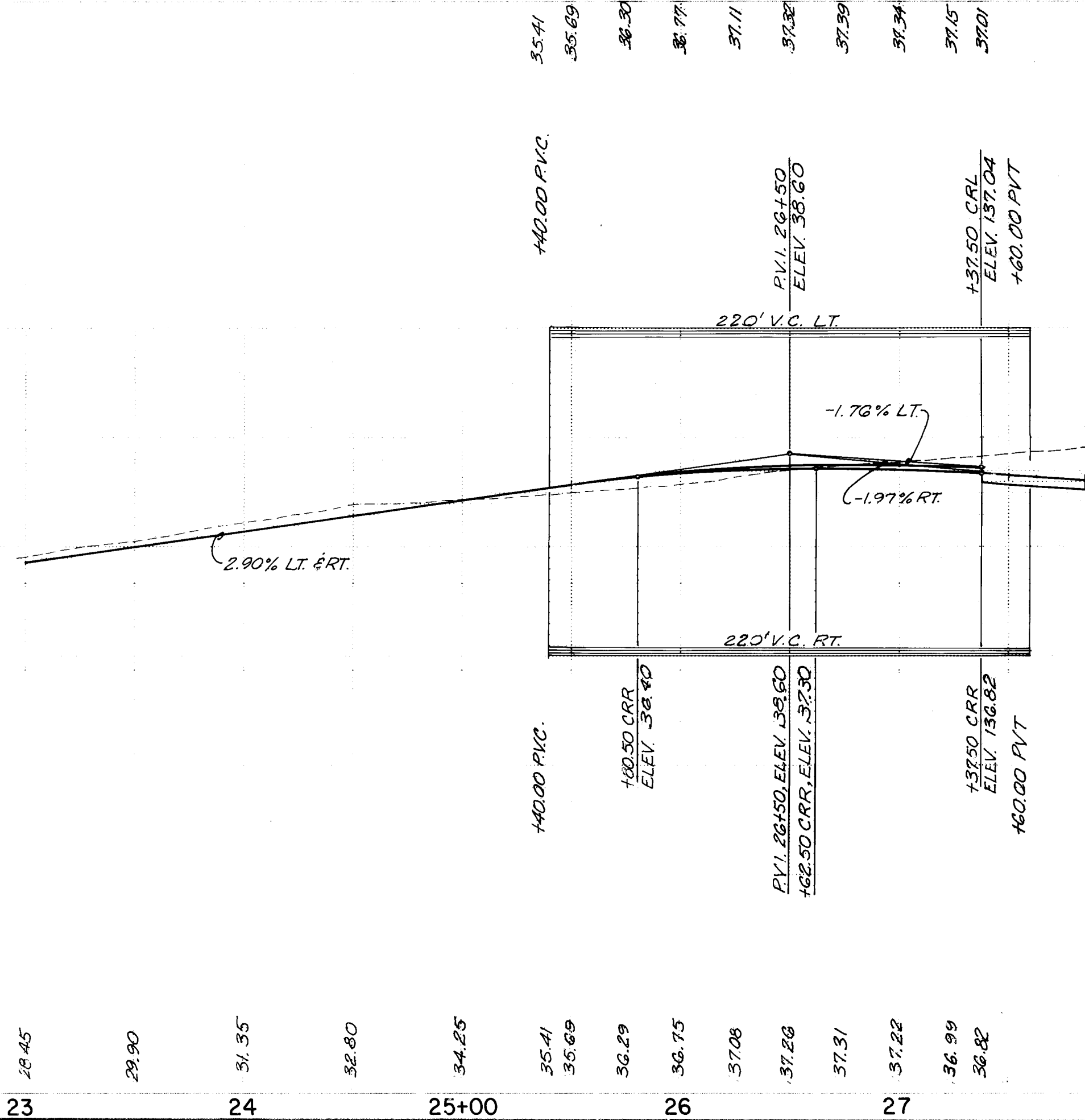
BEACON BRASS CAP "1-D21" LOCATED
AT THE INTERSECTION OF SAN
ANTONIO DR., N.E. AND HOLBROOK
ST., N.E., ELEVATION: 5637.38
ORD ORDER

SURVEY INFORMATION

NO	DATE	REMARKS
		<u>DESIGN REVISIONS</u>
		<u>DESIGN</u>
		DESIGNED BY KMW
		CHECKED BY CSS
		DRAWN BY KMW
		DATE AUG, 1984
		DATE AUG, 1984
		DATE AUG, 1984

N & PROFILE
E.
J.E.
CENT. DATE
Jg. Hamon 8/16/84
Pine 8/1/84

14 42



NOTES:

- 1) SIDEWALKS ON HOLBROOK STREET TO BE BUILT WITH THIS CONTRACT.
- 2) ALL WHEELCHAIR RAMPS TO BE CONSTRUCTED WITH THIS CONTRACT.

RECORD DRAWING

SCALE : 1" = 50' Horizontal
1" = 10' Vertical

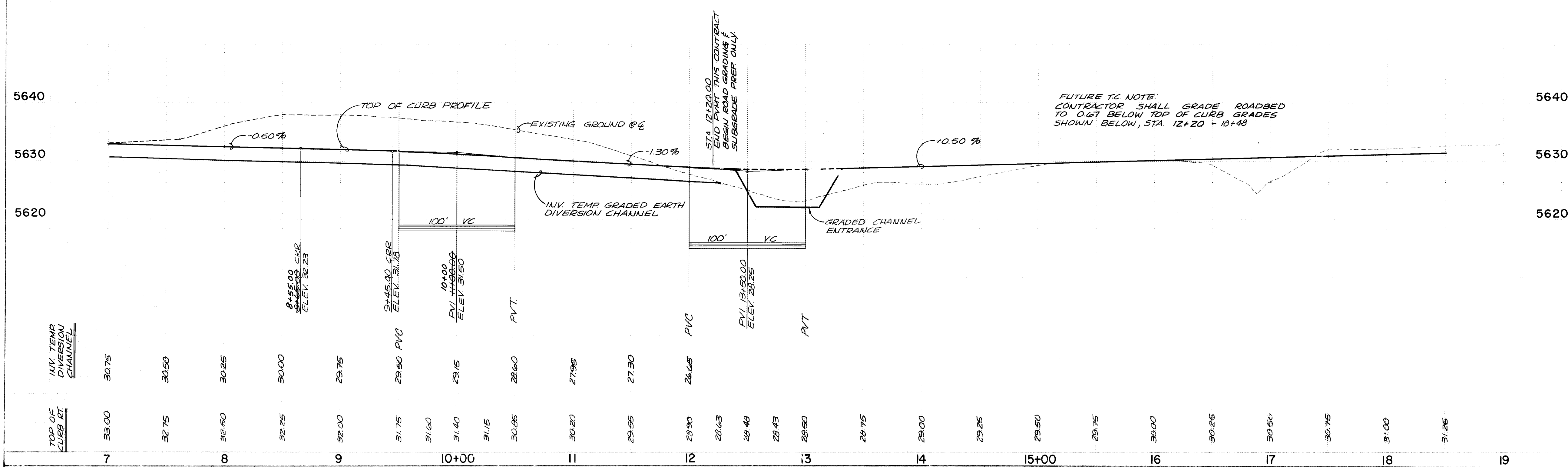
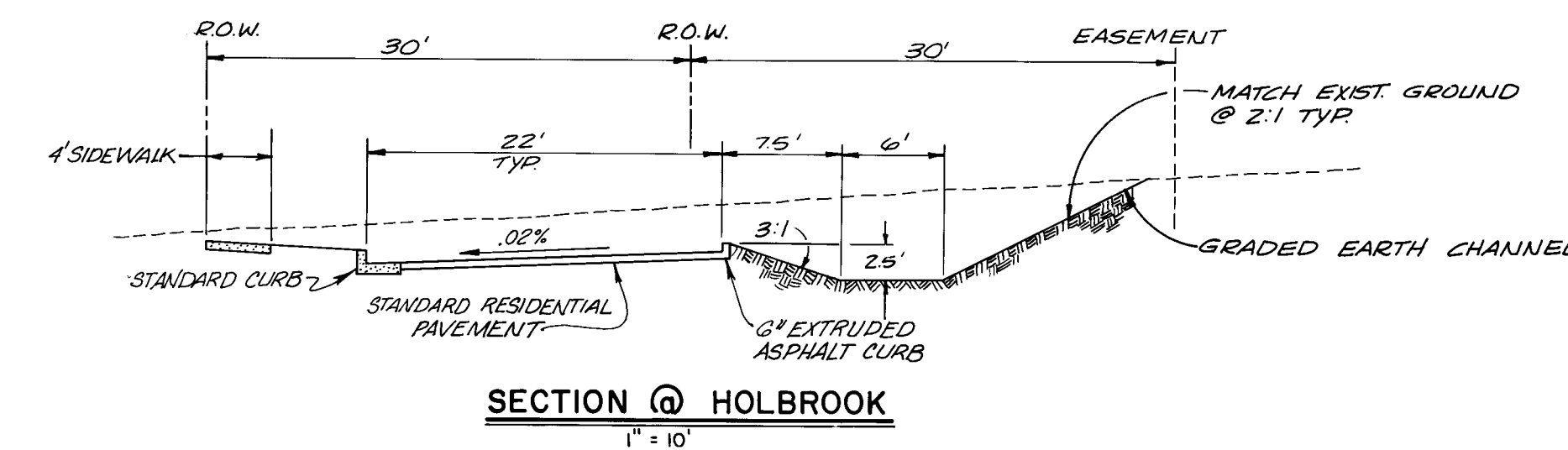
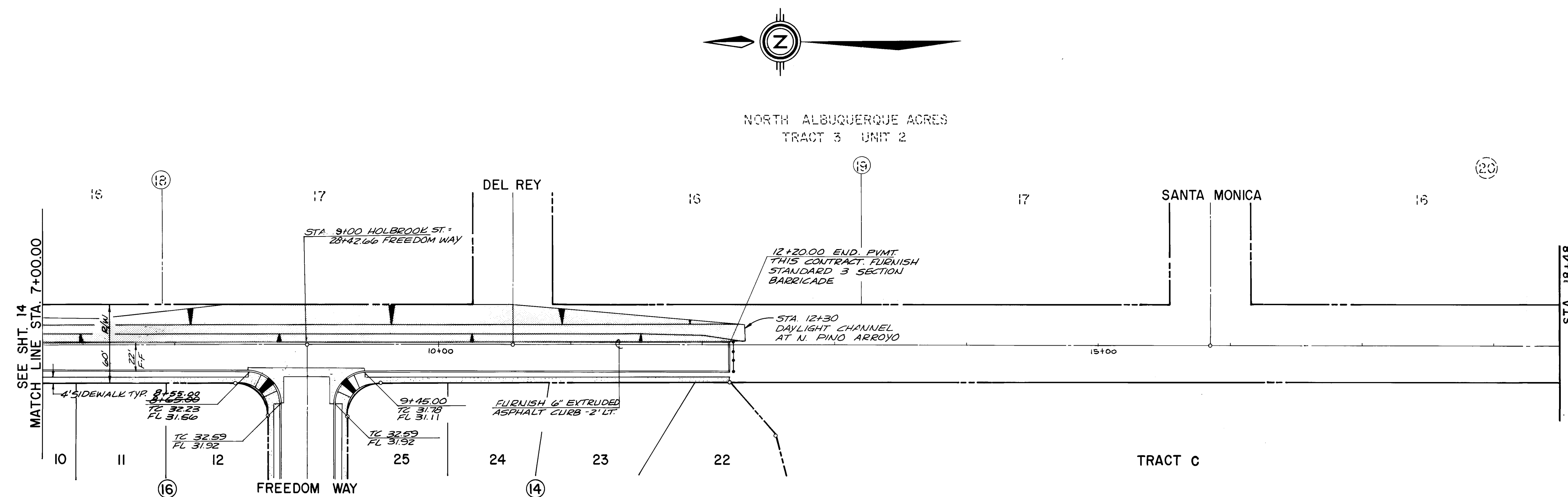
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE HERITAGE EAST-UNIT TWO-PAVING PLAN & PROFILE
HOLBROOK STREET, N.E.
SAN FRANCISCO ROAD, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Bill Shappert</i>	<i>9/4/84</i>			
ACE Design	<i>ACE</i>	<i>9/4/84</i>			
☒ Hydrology	<i>B.A. Smith</i>	<i>8/22/84</i>	water Resources	<i>Dwight Hammon</i>	<i>8/16/84</i>
				<i>R. Fene</i>	<i>8/1/84</i>

DRAWING NO.	2017	MAP NO.	D-20	SHEET	14	42
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26 20171485



SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - PAVING PLAN & PROFILE
HOLBROOK STREET, N.E.

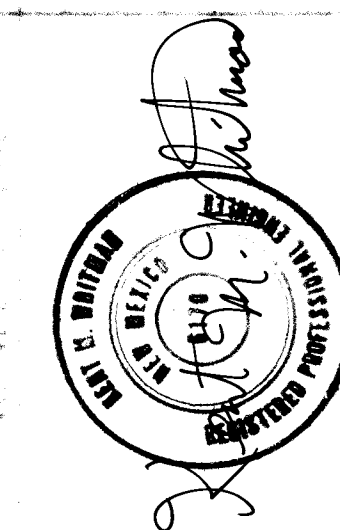
APPROVALS	ENGINEER	DATE	ADMIN. NO.	PROJECT NAME	DATE
City Engineer	<i>C. J. Thompson</i>	<i>9/1/84</i>			
ACE Design	<i>J. L. Lutz</i>	<i>9/1/84</i>			
Hydrology	<i>B. A. Bookley</i>	<i>8/27/84</i>			
			water Resources		
				<i>Daniel H. Hanner</i>	<i>8/16/84</i>
				<i>R. P. Pata</i>	<i>8/1/84</i>

DRAWING NO	2017	MAP NO	D-20	SHEET	15	OF	42
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Wylie Corp	3-85
Scanlon	3-85
Scanlon	3-85

SEAL: M4444
"ACS BRASS CAP "1-D21" LOCATED
AT THE INTERSECTION OF SAN
ANTONIO DR., N.E. AND HOLBROOK
ST., N.E., ELEVATION: 5637.38
3RD ORDER

SURVEY INFORMATION
SITE NOTES
DATE


$$78/56/8$$

REMARKS	DATE
REVISIONS	AUG, 1984
DESIGN	AUG, 1984

DATE ALG, 1984

K.M.W.
S.

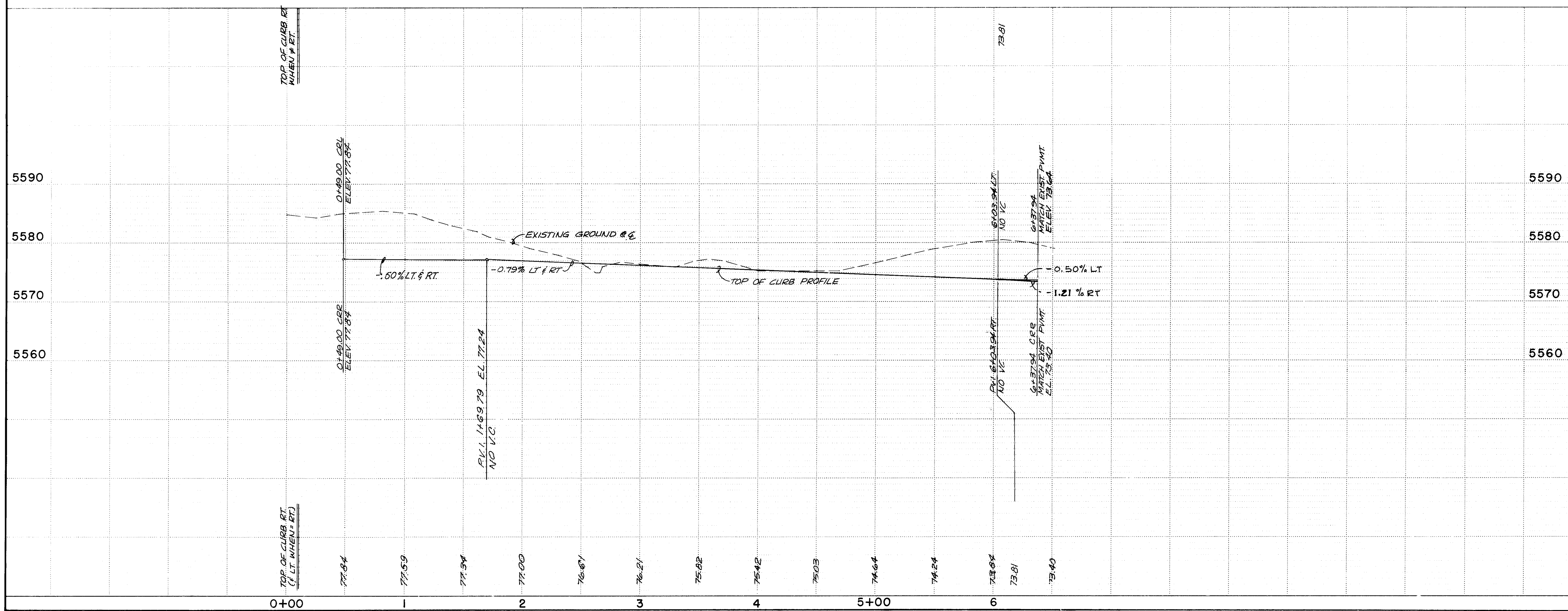
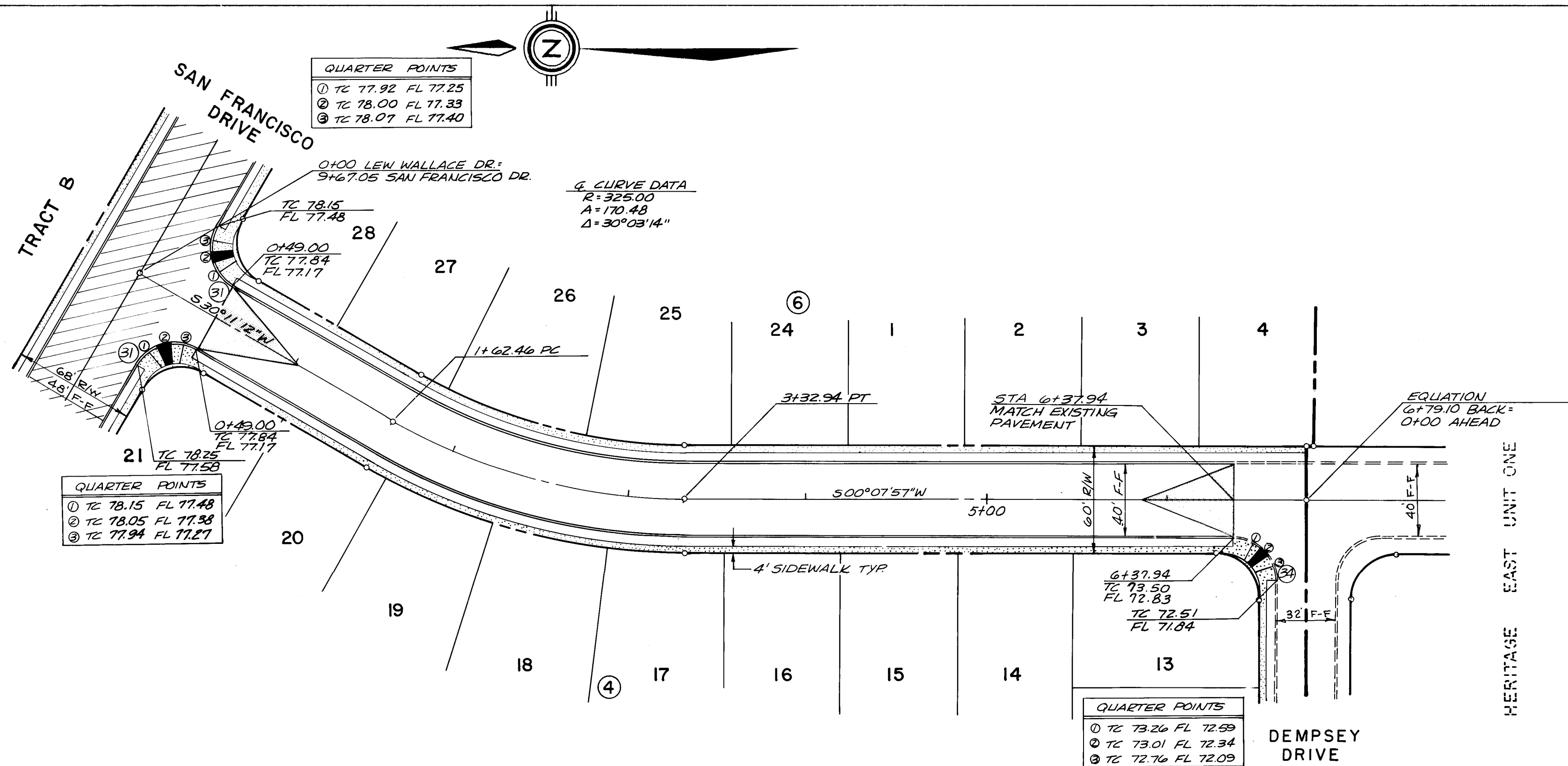
5.2

Figure 1: Schematic representation of the experimental design. The diagram shows a sequence of events: a subject is presented with a stimulus (a face), then a response is recorded (a button press), and finally, the subject is presented with a feedback stimulus (a face). The sequence is labeled 'Stimulus', 'Response', and 'Feedback'.

PROFILE

8/16/81
8/1/81

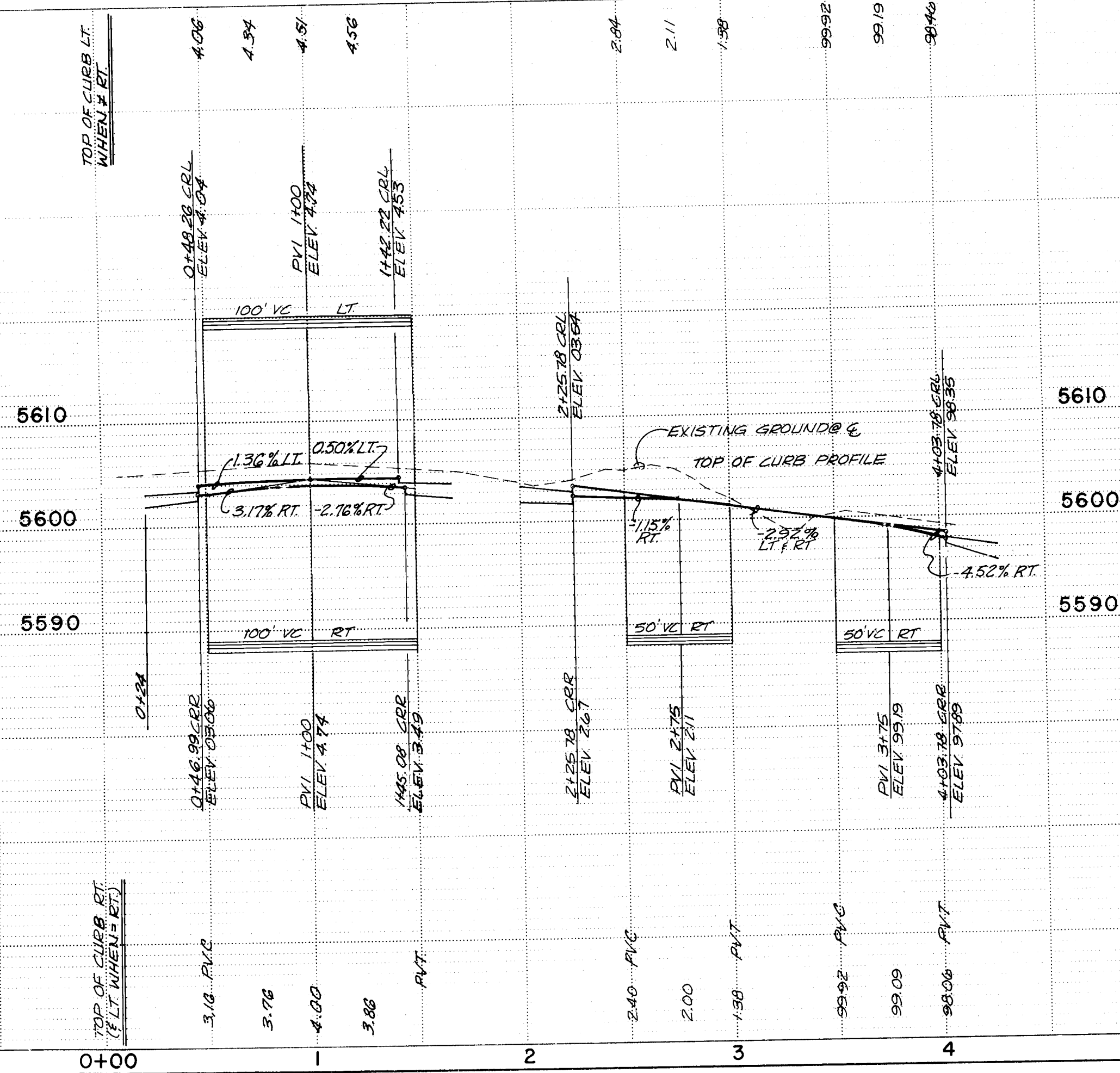
42



CURB CURVE DATA			
CURVE	RADIUS	ARC	DELTA
(31)	25.00	39.27	90°00'00"
(32)	25.00	39.36	90°12'34"

[illegible]

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. D. O'Leary</i>	<i>9/5/84</i>			
ACE - Design	<i>J. C. Lee</i>	<i>7/6/84</i>	Traffic	<i>David M. Hansen</i>	<i>8/16/84</i>
ACE - Hydrology	<i>B. J. Bookley</i>	<i>8/2/84</i>	Water Resources	<i>R. Kana</i>	<i>8/1/84</i>



CURB CURVE DATA			
CURVE	RADIUS	ARC	DELTA
(38)	25.00	37.34	85°35'06"
(39)	25.00	38.10	87°19'00"
(35)	25.00	31.28	71°46'56"

75°31'21"

NOTE: SIDEWALKS ON DON TOMAS LANE
 & DON GASPAR DRIVE NOT TO BE
 BUILT WITH THIS CONTRACT.

ALL WHEELCHAIR RAMPS TO BE
 CONSTRUCTED WITH THIS CON-
 TRACT.

ALL WHEELCHAIR RAMPS TO BE
CONSTRUCTED WITH THIS CON-
TRACT.

[illegible]

RECORD DRAWING

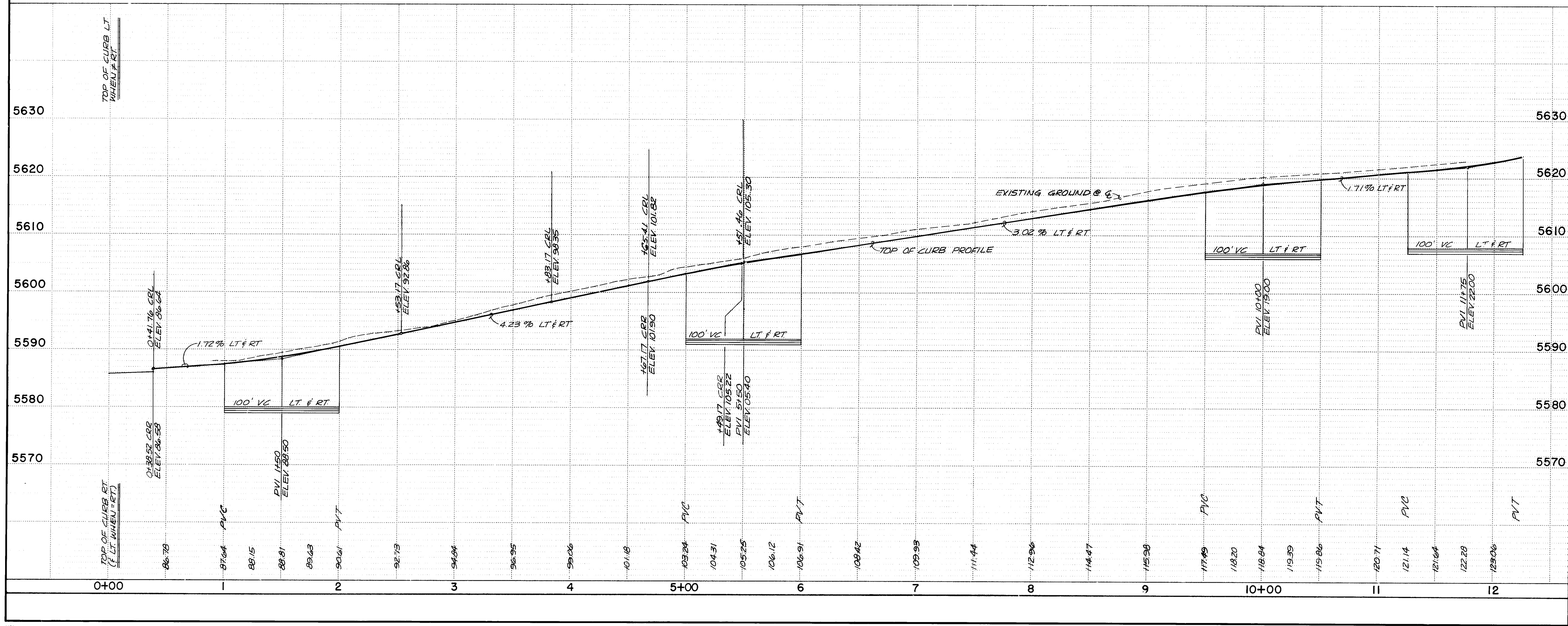
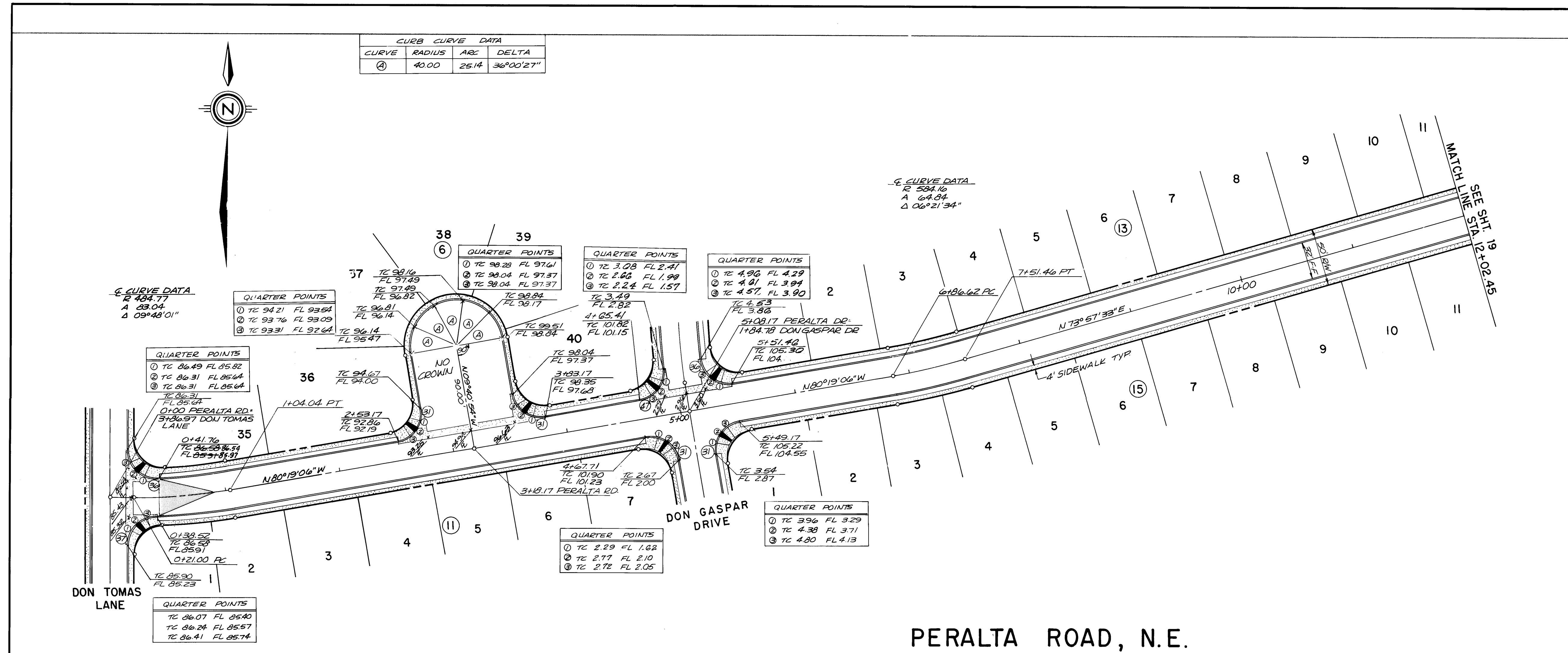
SCALE : 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - PAVING PLAN & PROFILE
DON TOMAS LANE, N.E.
DON GASPAR DRIVE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	7/5/84			
ACE - Design	<i>J. [Signature]</i>	7/6/84	Traffic	<i>David [Signature]</i>	8/16/84
ACE - Hydrology	<i>B. [Signature]</i>	8/27/84	Water Resources	<i>K. [Signature]</i>	8/1/89

DRAWING NO.	2017	MAP NO.	D-20	SHEET	17	OF	42
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AS BUILT INFORMATION

CONTRACTOR: White Corp
DATE: 8-85
INSPECTOR: Scanlon
DATE: 8-85
DRAWING: Scanlon
DATE: 8-85
MICRO-FILM INFORMATION
RECORDED BY: NO

BENCH MARKS

"ACS BRASS CAP "1-021" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38
3RD ORDER

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

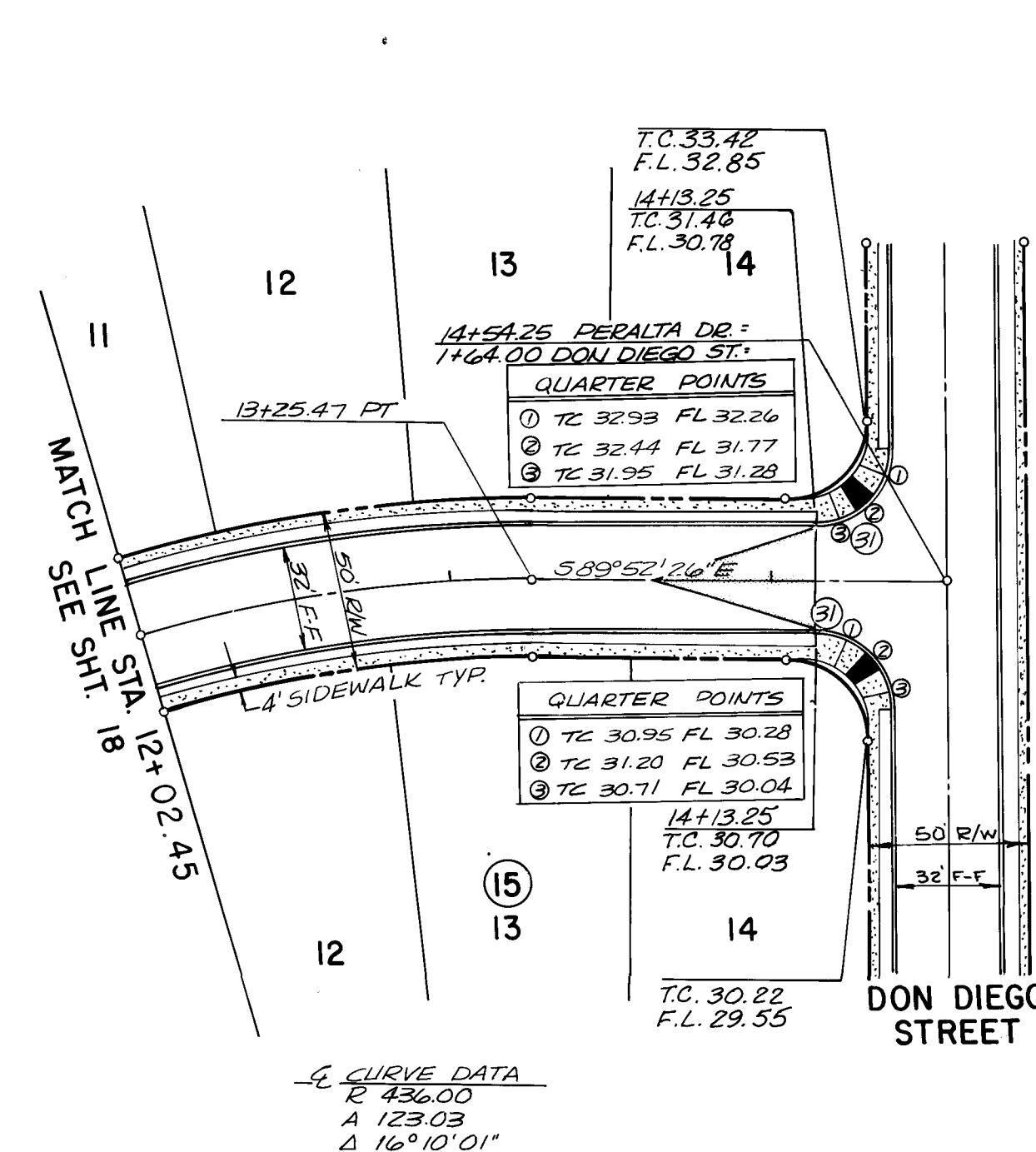
8/21/84

REVISIONS

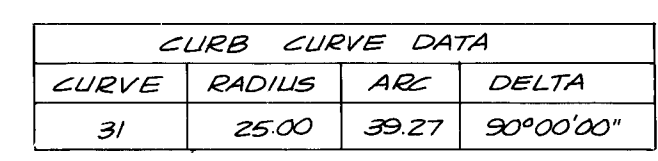
NO.	DATE	REMARKS	BY
1	8/16/84	DESIGN	D. J. Jones

DESIGNED BY: K.M.W. DATE: AUG, 1984
DRAWN BY: C.S.S. DATE: AUG, 1984
CHECKED BY: K.M.W. DATE: AUG, 1984

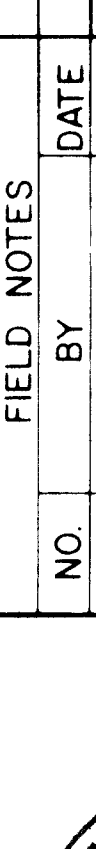
26 20171885

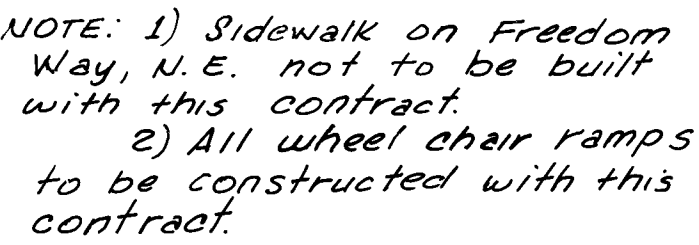


PERALTA ROAD, N.E.



DRAWING NO.	2017	MAP NO.	D-20	SHEET	19	OF	42
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ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		"ACS BRASS CAP "1-D21" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38 3RD ORDER		CONTRACTOR <i>Wyle Corp</i>	
		NO.	BY	DATE	STARTED BY <i>Scanlon</i>	DATES <i>9-85</i>	ACCEPTED BY <i>Scanlon</i>
NO. DATE		REMARKS		VERIFICATION BY <i>Scanlon</i>		DATE <i>9-85</i>	
				CORRECTED BY <i>Scanlon</i>		DATE <i>8-86</i>	
				MICRO-FILM INFORMATION			
				RECORDED BY		DATE	
				NO			



26 20172185

RECORD DRAWING

SCALE : 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - PAVING PLAN & PROFILE
FREEDOM WAY, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C.D. Thompson</i>	<i>9/5/04</i>			
ACE - Design	<i>9/10/04</i>	<i>9/10/04</i>	Traffic	<i>David W. Hammond</i>	<i>8/16/04</i>
ACE - Hydrology	<i>B.P. Gooding</i>	<i>8/27/04</i>	Water Resources	<i>K. Faria</i>	<i>8/11/04</i>

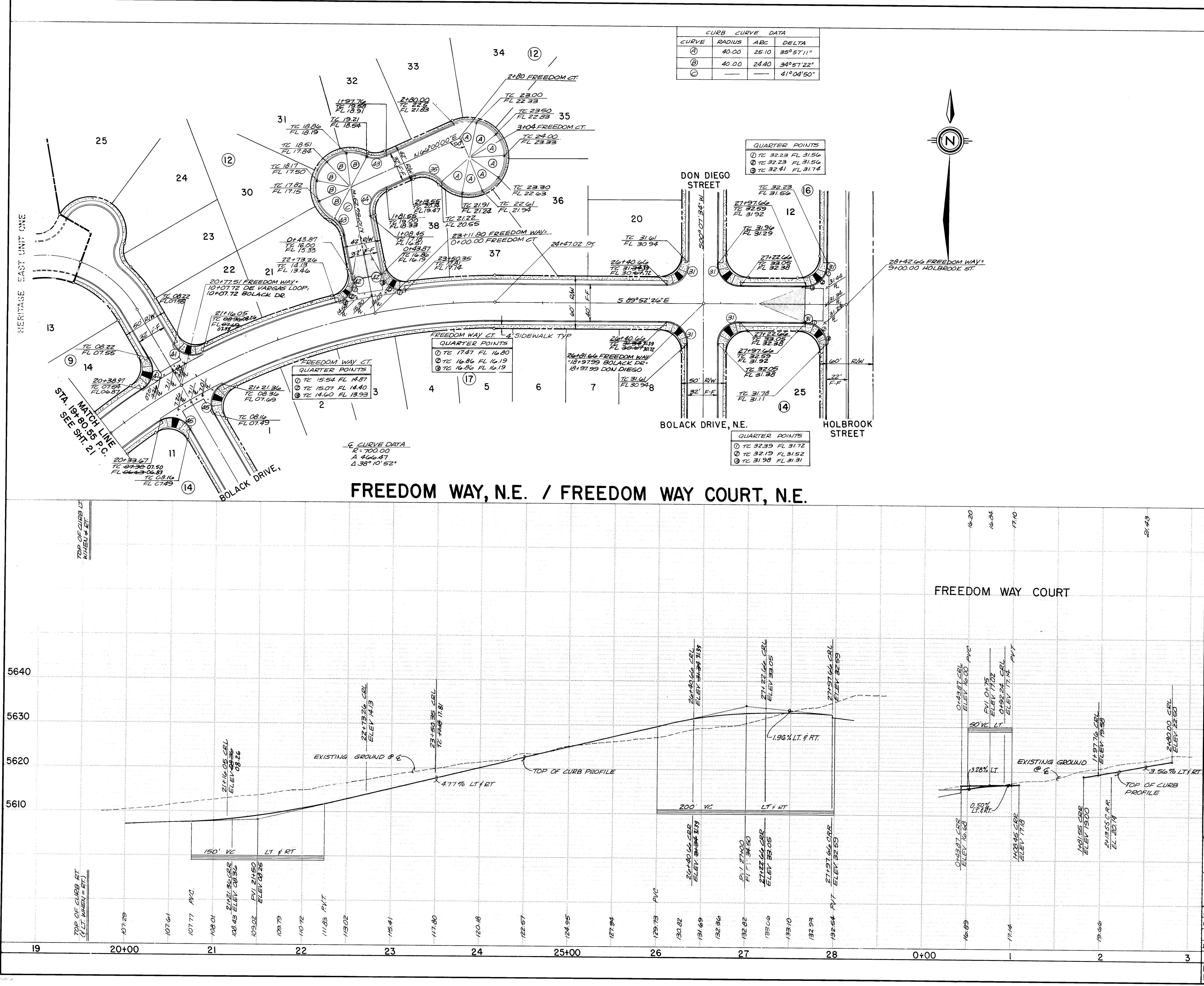
DRAWING NO.	2017	MAP NO.	D-20	SHEET 21 OF 42
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CURB CURVE DATA			
CURVE	RADIUS	ARC	DELTA
(31)	25.00	39.27	90°00'00"

AS BUILT INFORMATION	
CONTRACTOR <i>Wylie Corp.</i>	
WORK	
INSTALLED BY <i>Scanlon</i>	DATE <i>3-85</i>
INSPECTED BY	DATE
APPROVED BY	
VERIFICATION BY <i>Scanlon</i>	DATE <i>3-85</i>
DRAWINGS	DATE <i>3-85</i>
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH	MARKS
"ACS BRASS CAP "I-D21" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38	3RD ORDER

[illegible][illegible][illegible]



CURB CURVE DATA		
CURVE	RADIUS	DELTA
(1)	25.00	39.27°
(2)	31.00	30.78°
(3)	25.00	37.89°
(4)	25.00	37.89°
(5)	30.00	28.61°
(6)	30.00	40.29°
(7)	25.00	40.84°

CURB CURVE DATA		
CURVE	RADIUS	DELTA
(8)	25.00	39.27°
(9)	31.00	30.78°
(10)	25.00	37.89°
(11)	25.00	37.89°
(12)	30.00	28.61°
(13)	30.00	40.29°
(14)	25.00	40.84°

QUARTER POINTS

① TC 32.23 FL 31.54
② TC 32.23 FL 31.54
③ TC 32.21 FL 31.74

QUARTER POINTS

① TC 32.23 FL 31.72
② TC 32.19 FL 31.62
③ TC 31.28 FL 31.31

AS BUILT INFORMATION

DATE: 8/2/85

BY: [Signature]

REVISIONS

NO.	DATE	BY
1	8/2/85	[Signature]

NOTE: 1) Sidewalk on Freedom Way & Freedom Way Court NOT TO BE CONSTRUCTED WITH THIS CONTRACT.

2) ALL WHEEL CHAIR RAMPS TO BE CONSTRUCTED WITH THIS CONTRACT.

26 20172285

RECORD DRAWING

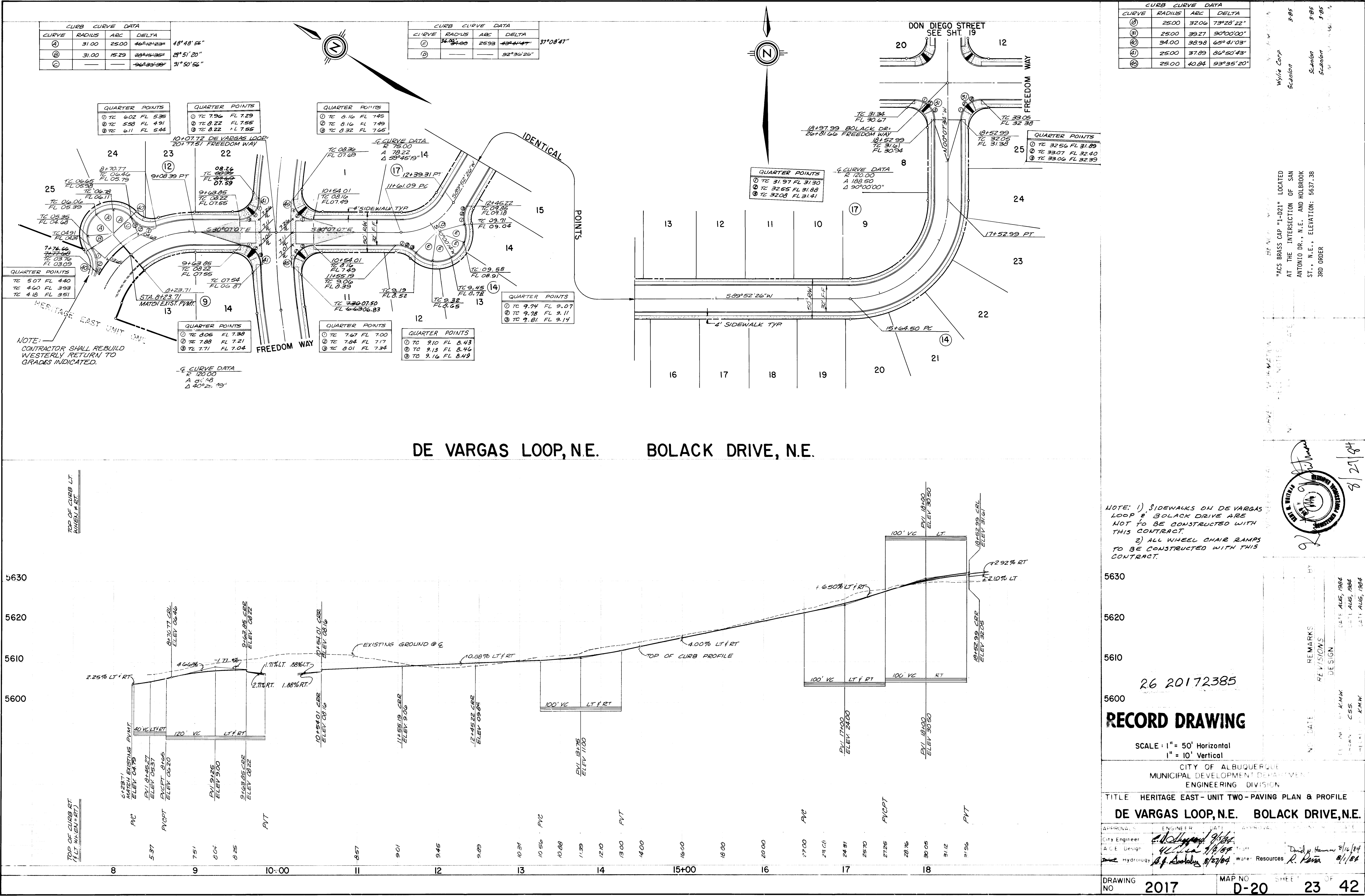
SCALE: 1" = 50' Horizontal
1" = 10' Vertical

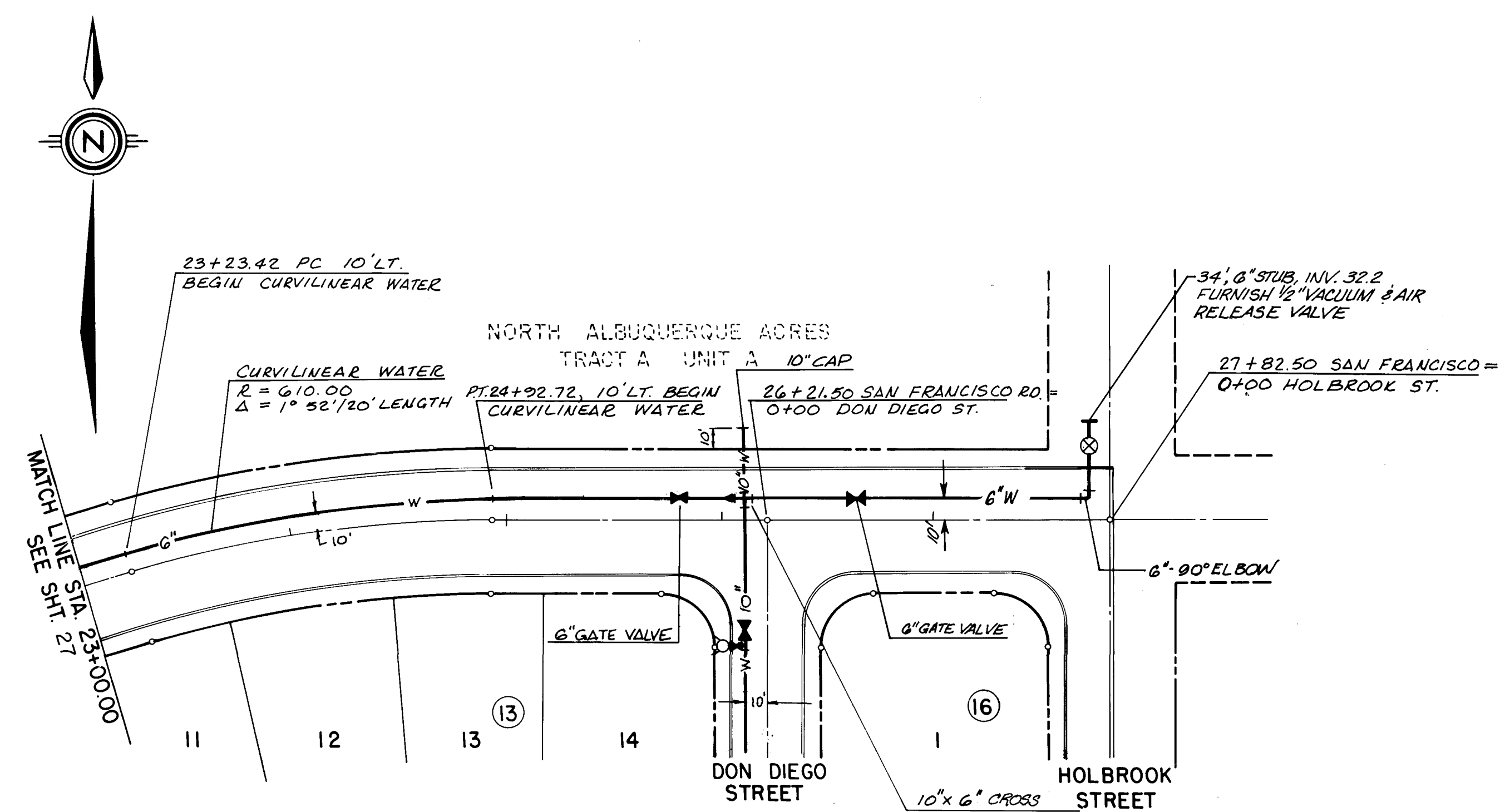
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - PAVING PLAN & PROFILE
FREEDOM WAY N.E. / FREEDOM WAY COURT, N.E.

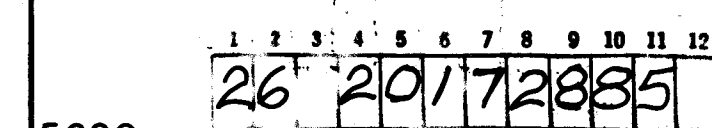
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	8/2/85	Traffic	[Signature]	8/2/85
Hydrology	[Signature]	8/2/85	Water Resources	[Signature]	8/2/85

DRAWING NO. 2017 MAP NO. D-20 SHEET 22 OF 42





SAN FRANCISCO ROAD, N.E.



RECORD DRAWING

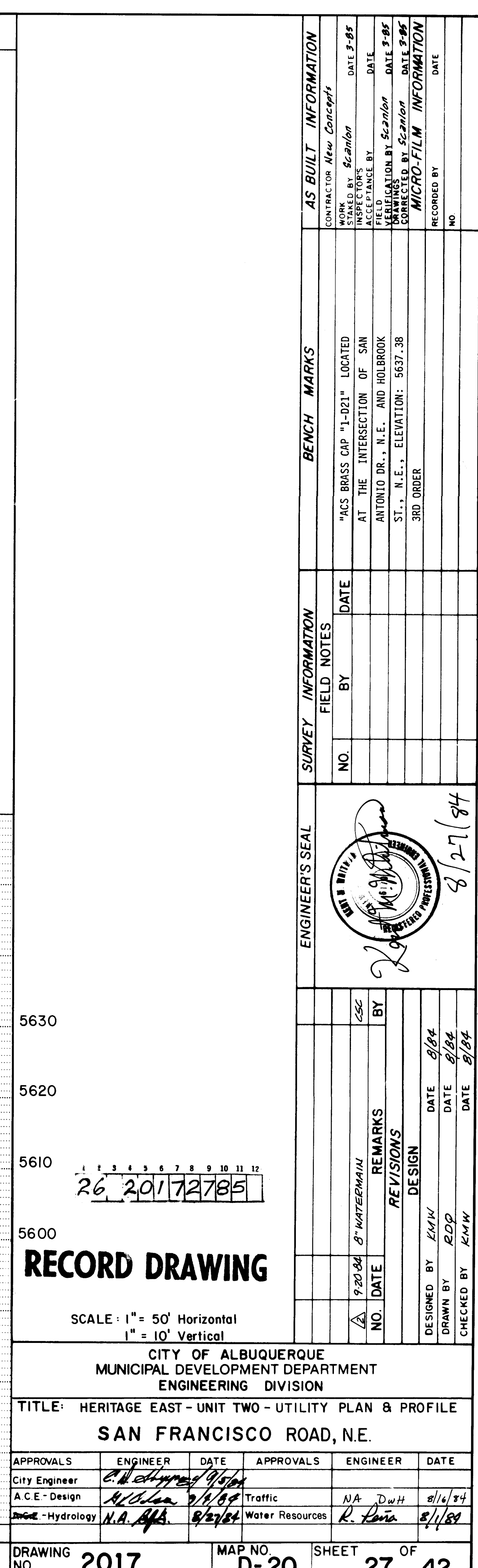
SCALE: 1" = 50' Horizontal
1" = 10' Vertical

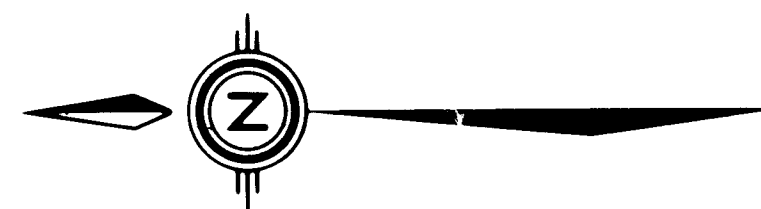
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
HOLBROOK STREET, N.E.
SAN FRANCISCO ROAD, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. D. Hopper</i>	<i>9/6/84</i>			
ACE - Design	<i>A. C. Hopper</i>	<i>9/9/84</i>	Traffic	DA DWH	8/16/84
ACE - Hydrology	N.A. <i>ASB</i>	8/27/84	Water Resources	<i>R. Pina</i>	8/1/84

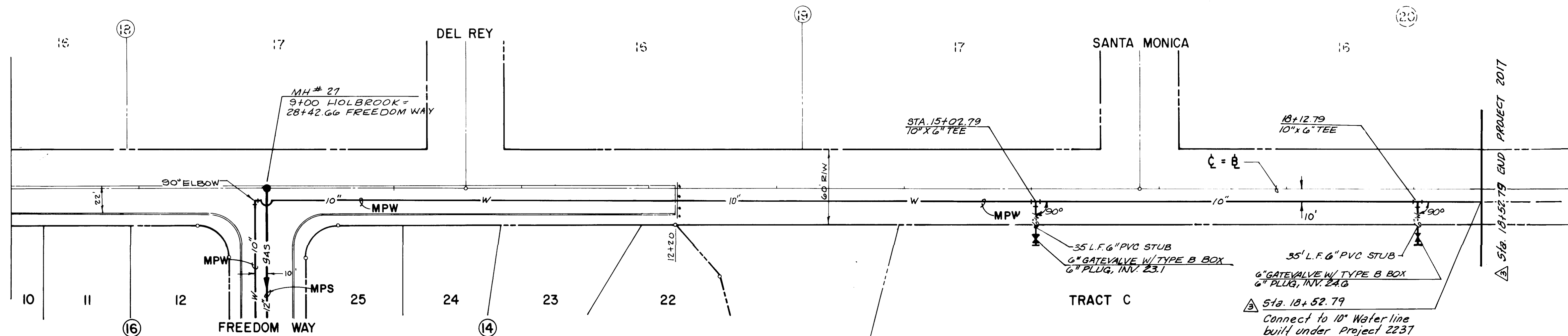
DRAWING NO.	2017	MAP NO.	D-20	SHEET	28	OF	42
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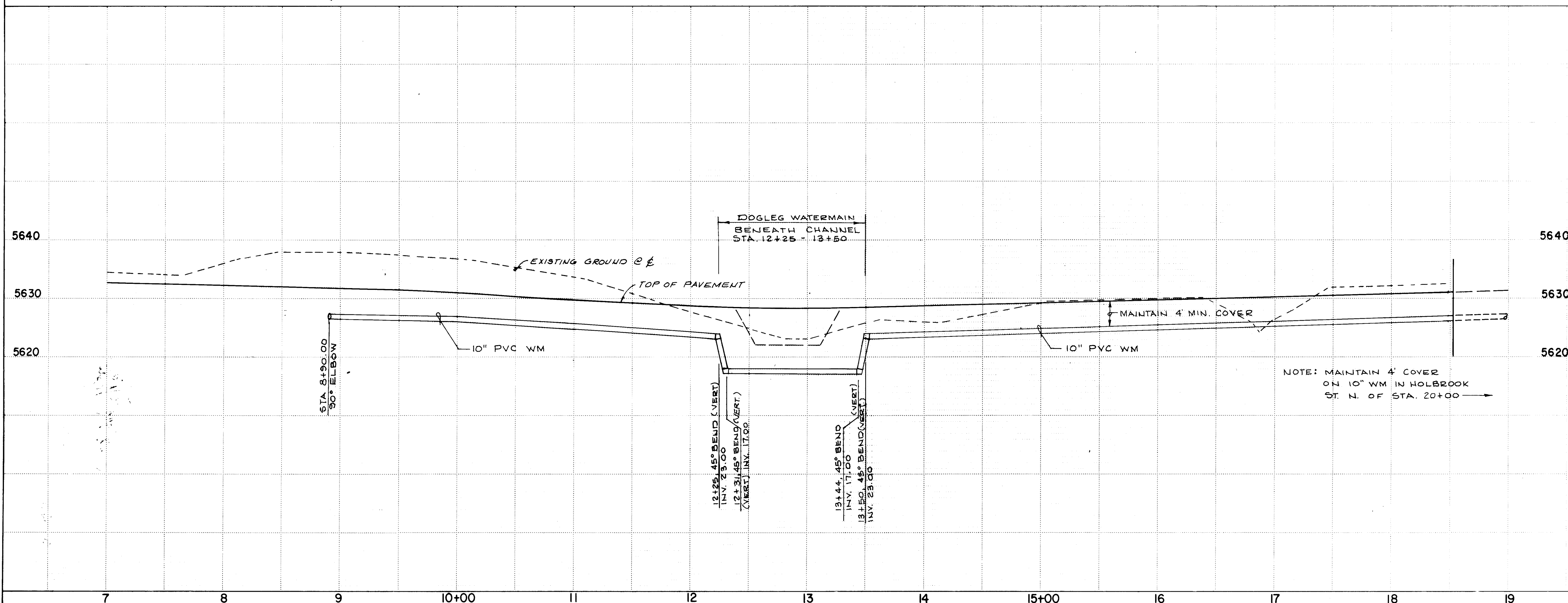
NOTE: MASTERPLAN WATER LINE INCLUDES
IN-LINE FITTINGS AND VALVES.

NORTH ALBUQUERQUE ACRES
TRACT 3 UNIT 2



NOTE:
All references to MPW and MPS
shall be constructed under
Project 2017 unless otherwise noted

HOLBROOK STREET N.E.



RECORD DRAWING

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

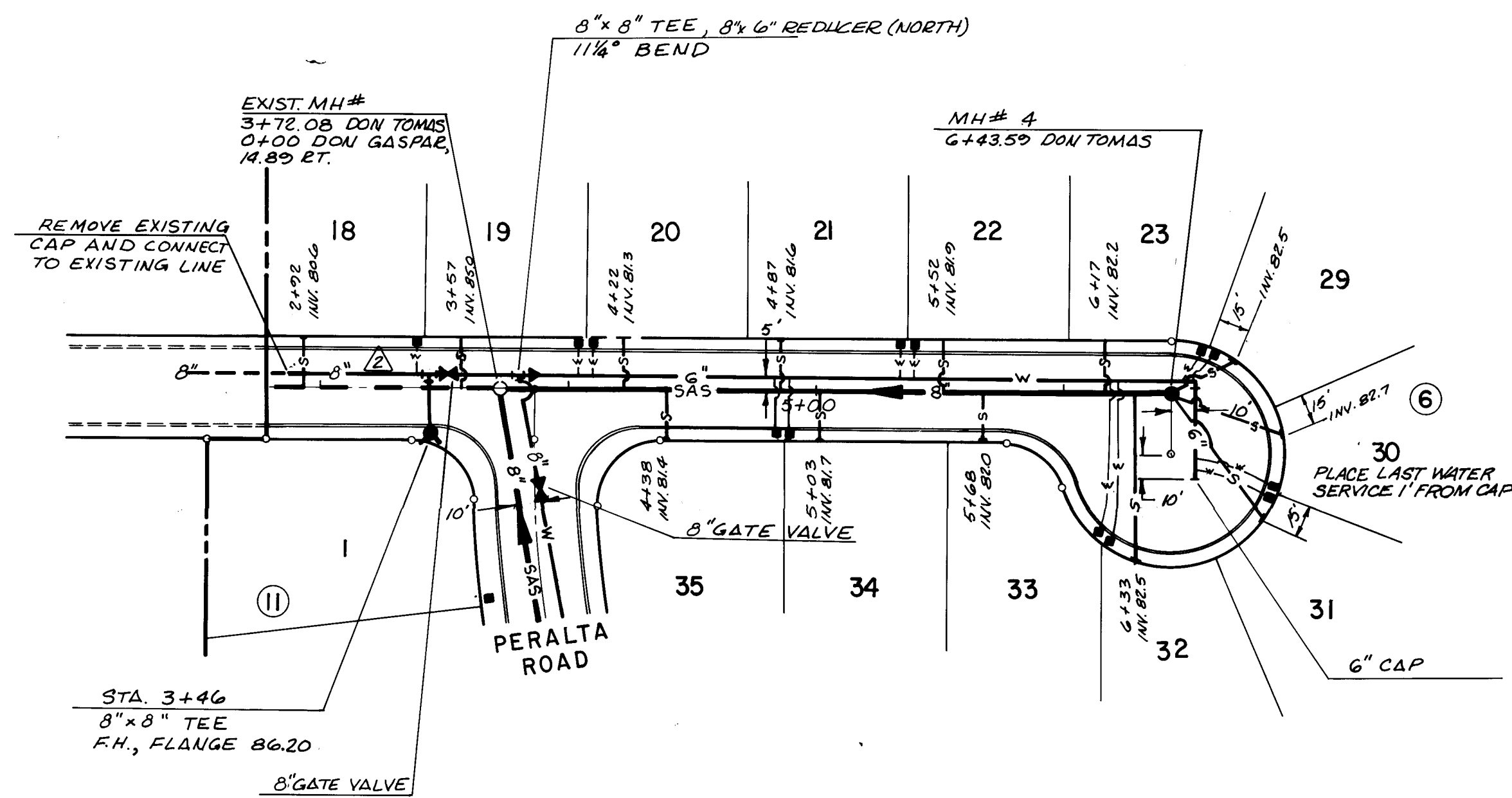
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
HOLBROOK STREET, N.E.

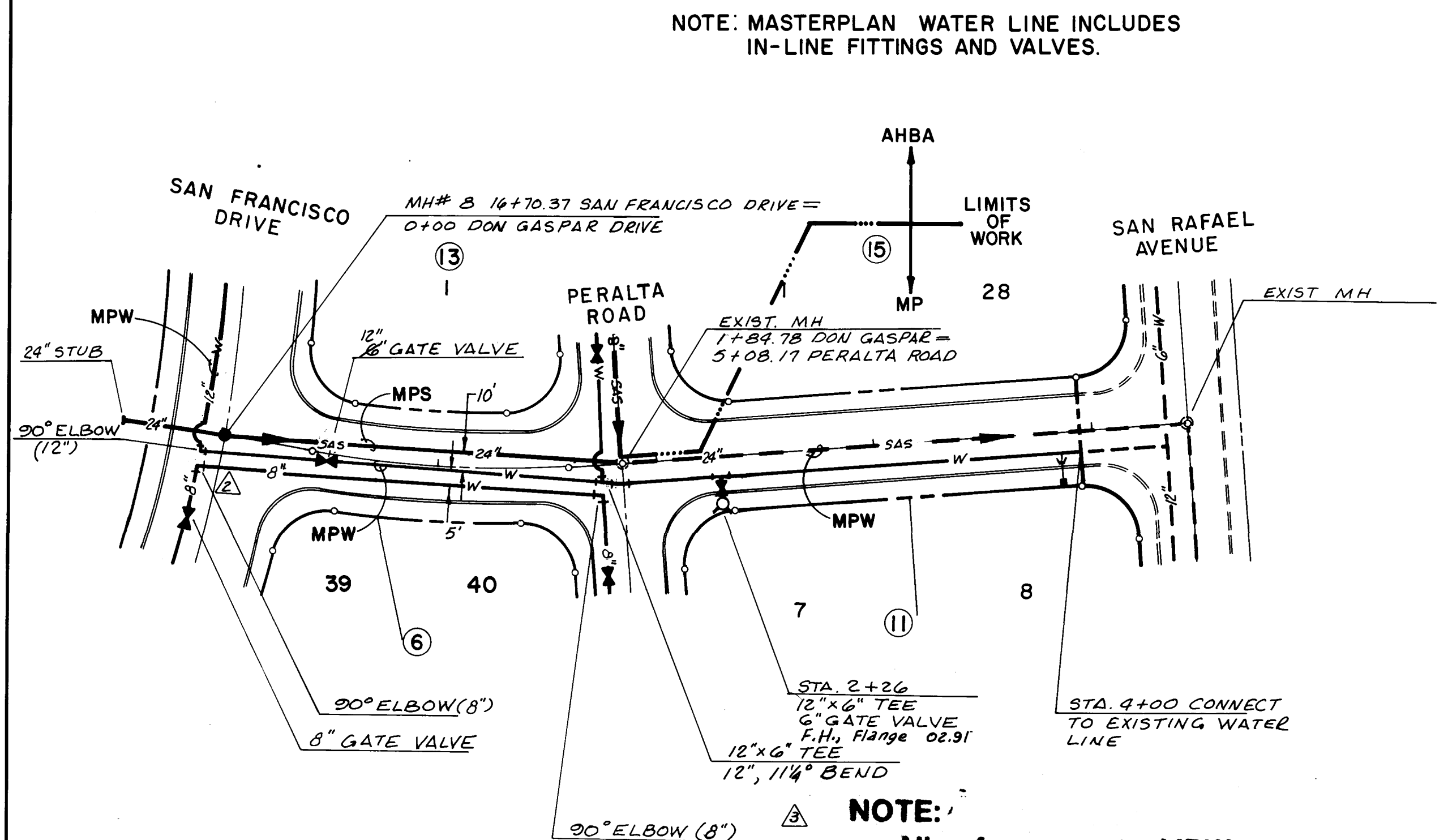
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. Alvarado</i>	9/16/04	Traffic	<i>N. R. Doh</i>	9/16/04
ACE - Design	<i>Andria</i>	9/16/04	Water Resources	<i>R. Pina</i>	9/16/04
Hydrology	<i>N. R. Doh</i>	9/16/04			

DRAWING NO. **2017** MAP NO. **D-20** SHEET **29** OF **42**

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
DATE: 9-16-04 BY: Scanlon		"ACS BRASS CAP "1-D21" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E. ELEVATION: 5637.38 3RD ORDER		FIELD NOTES NO. BY				REMARKS 9/16/04 Added MPW to this Project		DESIGNED BY: KMW DRAWN BY: KMW CHECKED BY: KMW	
MICRO-FILM INFORMATION											

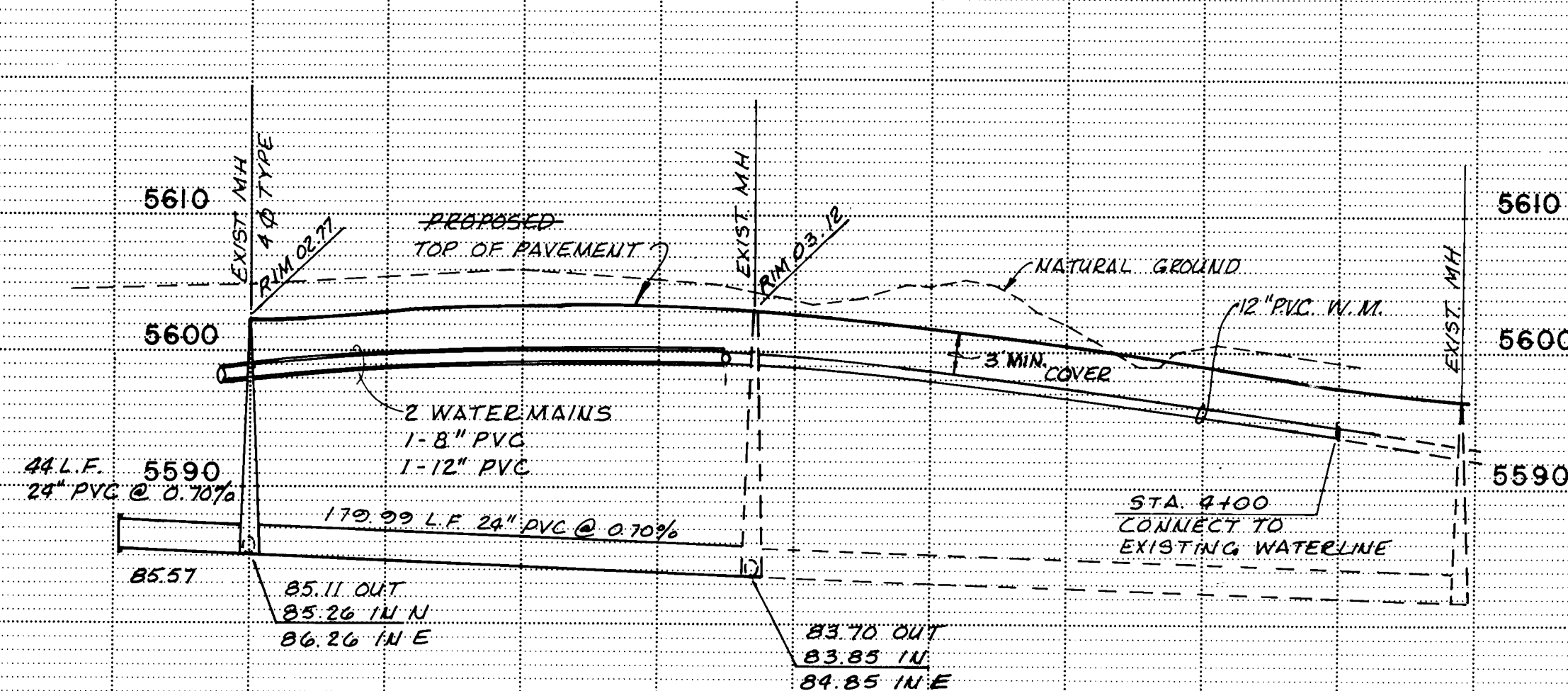
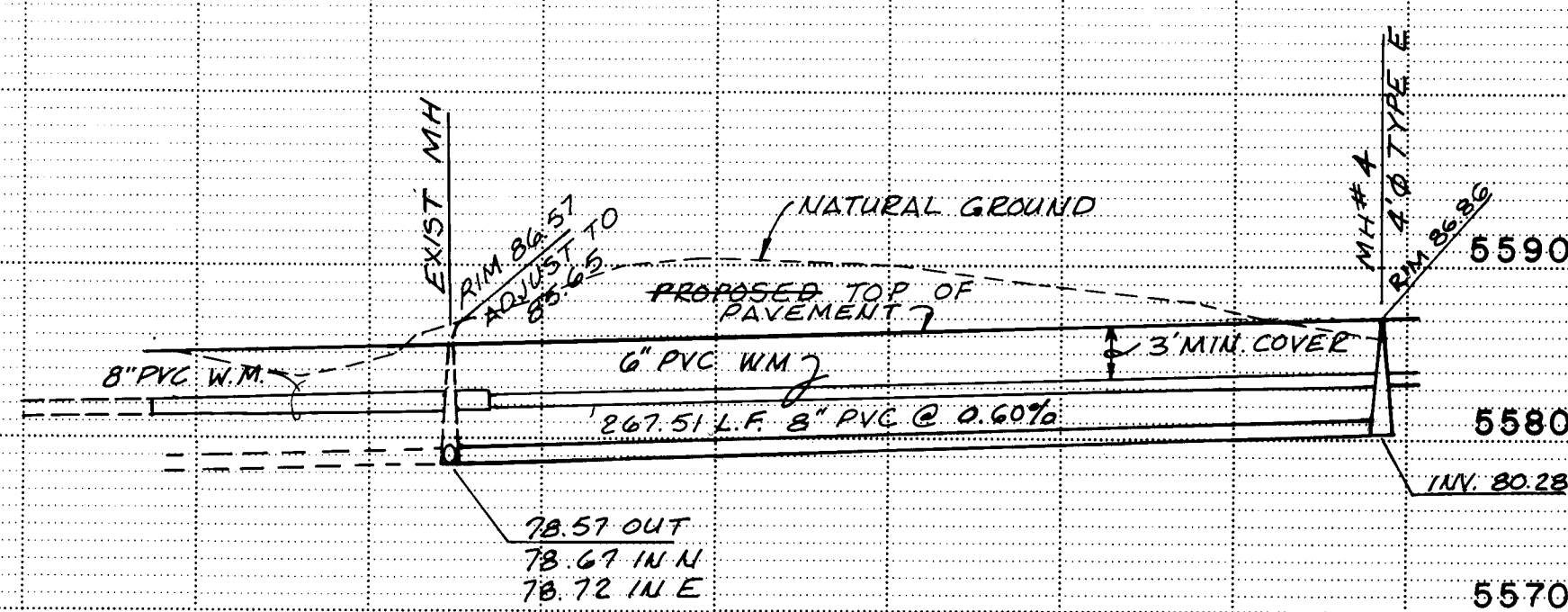


DON TOMAS LANE, N.E.



DON GASPAR DRIVE, N.E.

NOTE:
All references to MPW and MPS
shall be constructed under
Project 2017 unless otherwise noted



26 20173185

RECORD DRAWING

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
DON TOMAS LANE, N.E.
DON GASPAR DRIVE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. D. Thompson	9/16/94			
A.C.E. - Design	N.A. BJA	9/16/94	Traffic	N.A. D.H.	8/16/94
Hydrology	N.A. BJA	9/16/94	Water Resources	R. Luna	8/16/94

DRAWING NO. 2017 MAP NO. D-20 SHEET 31 OF 42

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	New Concepts	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
INSPECTION	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
ACCEPTANCE	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
VERIFICATION	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
DRAWINGS	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
CONTRACT	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
RECORD	By Scanlon	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95	DATE	9-95
NO.		NO.		NO.		NO.		NO.		NO.	
DATE		DATE		DATE		DATE		DATE		DATE	



		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		"ACS BRASS CAP "11-021" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38 3RD ORDER		CONTRACTOR <i>New Concepts</i> WORKED BY <i>Scanlon</i> INSPECTOR'S FIELD DATE VERIFICATION BY <i>Scanlon</i> DATE <i>3-98</i> CORRECTED BY <i>Scanlon</i> DATE <i>3-98</i> MICRO-FILM INFORMATION	
				NO.	BY				
DESIGNED BY <i>KMM</i>				DATE <i>8/84</i>					
DRAWN BY <i>WJM</i>				DATE <i>8/84</i>					
CHECKED BY <i>KMM</i>				DATE <i>8/84</i>					



SCALE : 1" = 50' Horizontal
1" = 10' Vertical

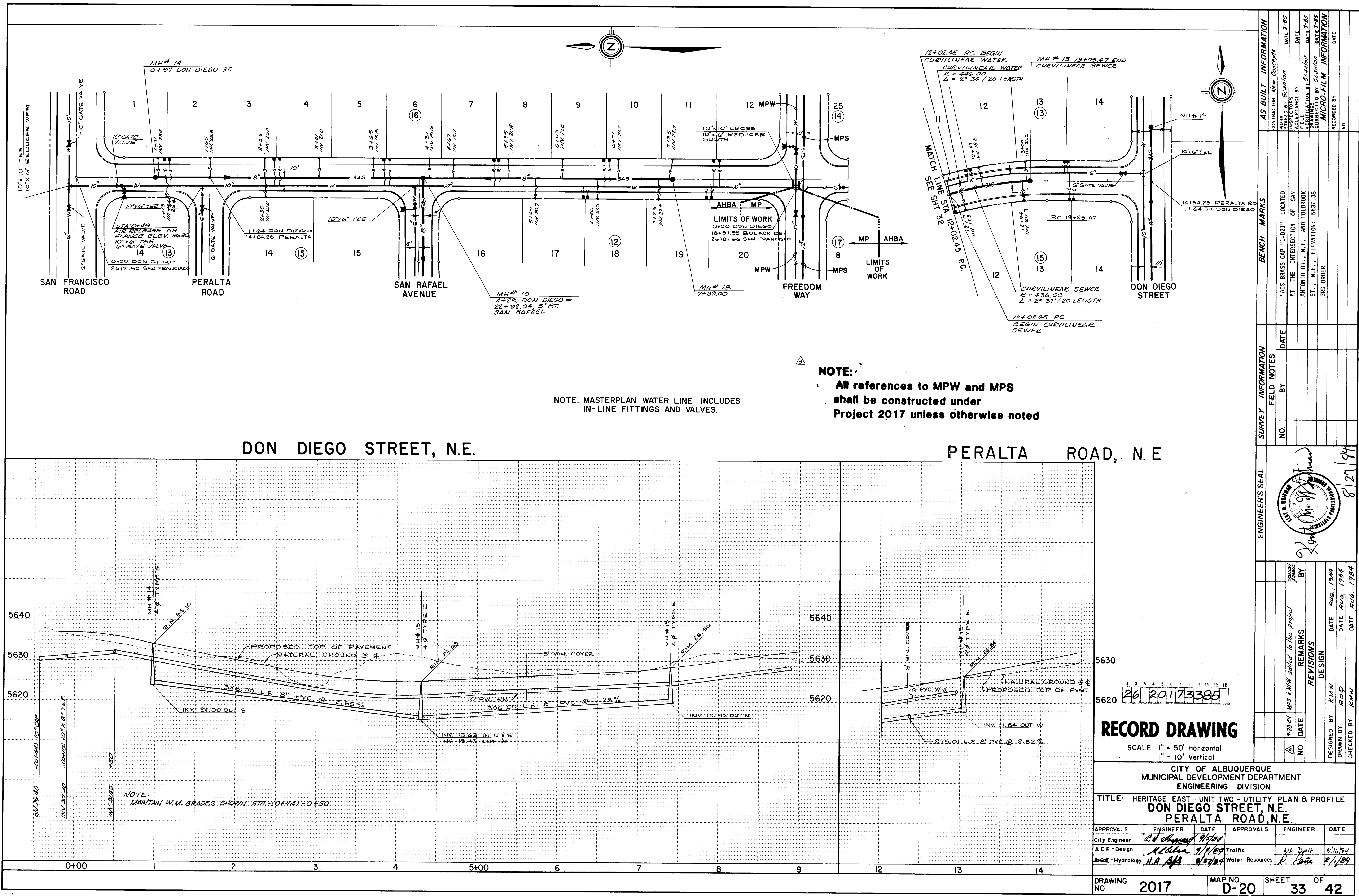
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE

PERALTA ROAD, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>2.1. Sherry</i>	<i>9/5/84</i>			
A C E - Design	<i>AC</i>	<i>9/6/84</i>	Traffic	<i>NA DWIT</i>	<i>9/16/84</i>
ACE - Hydrology	<i>NA</i>	<i>8/27/84</i>	Water Resources	<i>R. Pina</i>	<i>8/1/84</i>

DRAWING NO.	2017	MAP NO.	D-20	SHEET	32	OF	42
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NOTE: MASTERPLAN WATER LINE INCLUDES
IN-LINE FITTINGS AND VALVES.

NOTE:
All references to MPW and MPS
shall be constructed under
Project 2017 unless otherwise noted

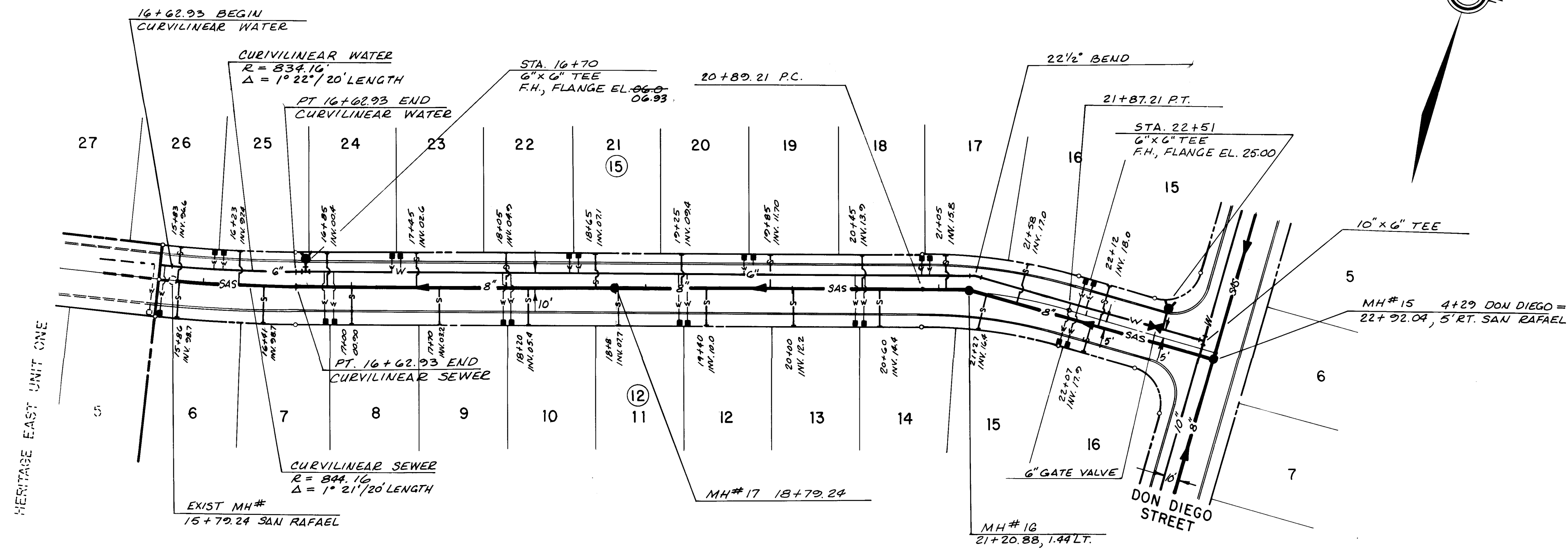
RECORD DRAWING

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

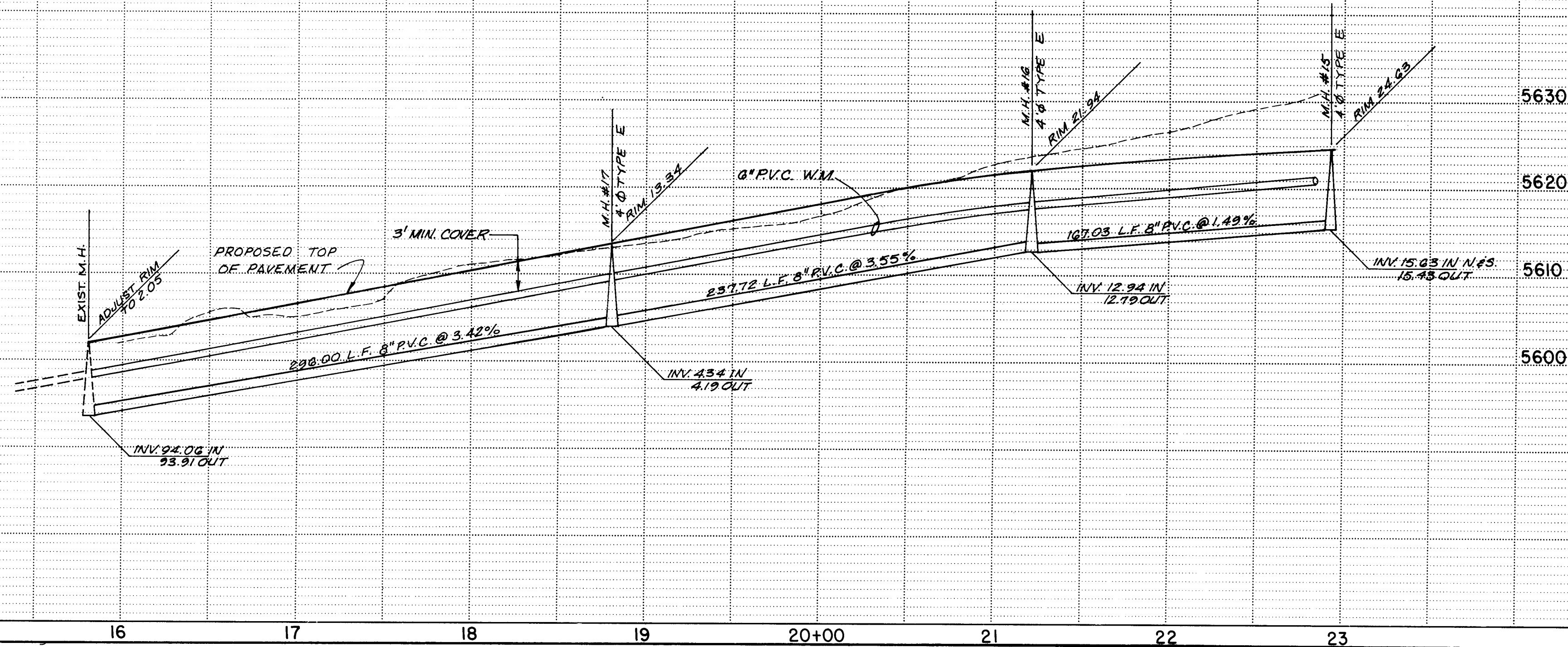
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
DON DIEGO STREET, N.E.
PERALTA ROAD, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	8/16/84	Traffic	<i>[Signature]</i>	8/16/84
A.C.E. - Design	<i>[Signature]</i>	8/16/84	Water Resources	<i>[Signature]</i>	8/16/84
Hydrology	<i>[Signature]</i>	8/16/84			

DRAWING NO. 2017 MAP NO. D-20 SHEET 33 OF 42



SAN RAFAEL AVENUE, N.E.



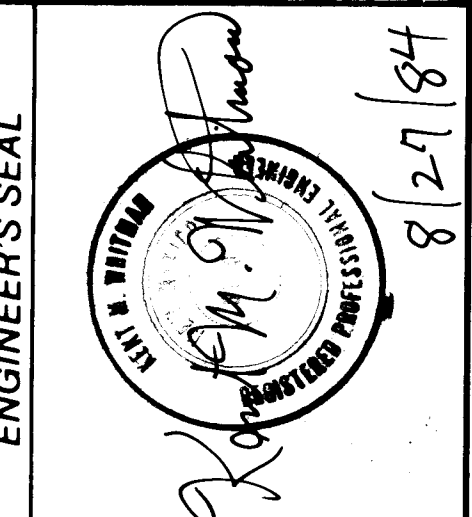
RECORD DRAWING

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

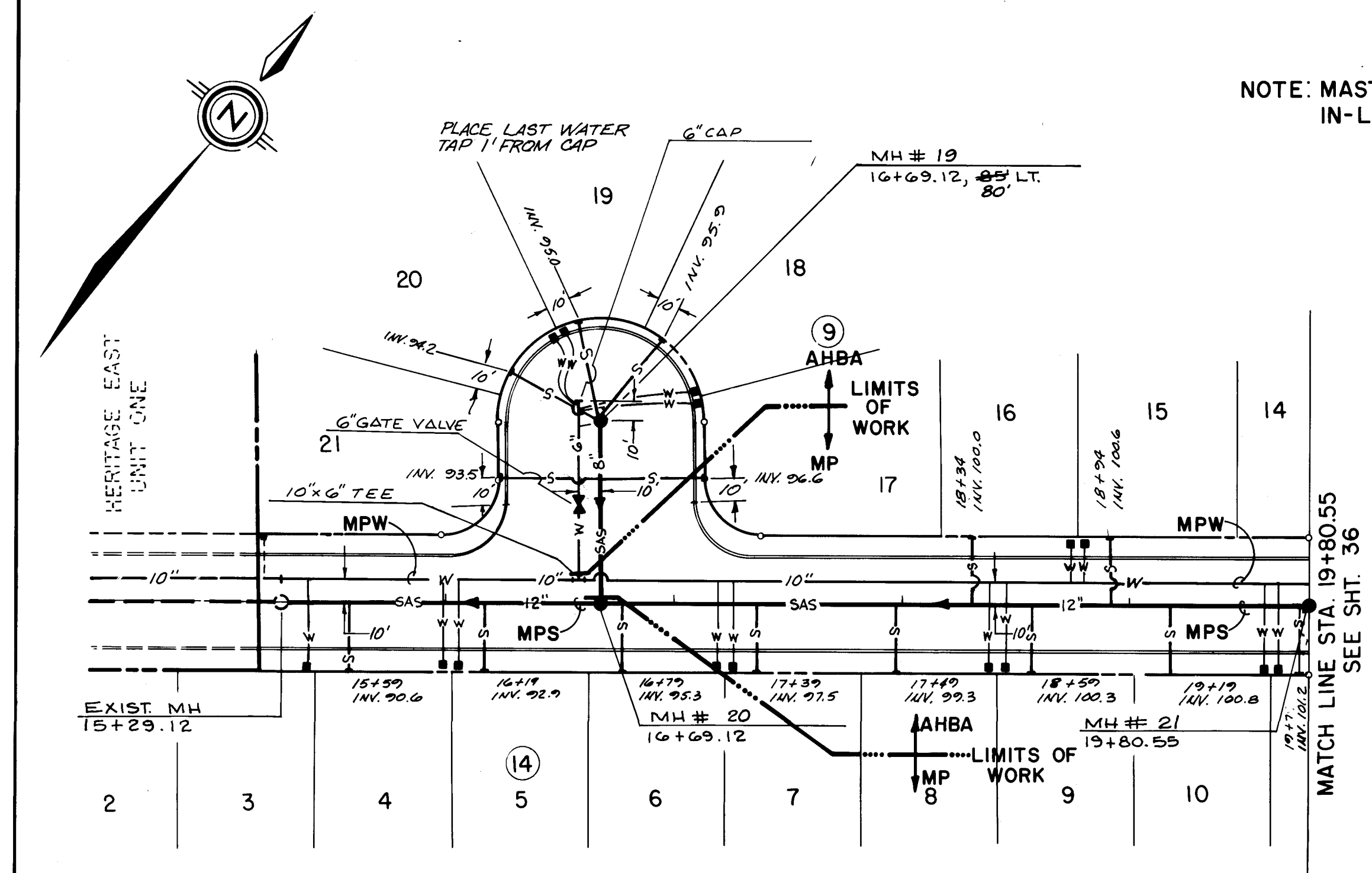
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
SAN RAFAEL AVENUE, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>E. J. [Signature]</i>	7/5/84			
A.C.E. - Design	<i>A. [Signature]</i>	7/5/84	Traffic	<i>N.A. [Signature]</i>	8/16/84
Hydrology	<i>N.A. [Signature]</i>	8/27/84	Water Resources	<i>A. [Signature]</i>	8/1/84

DRAWING NO. 2017 MAP NO. D-20 SHEET 34 OF 42

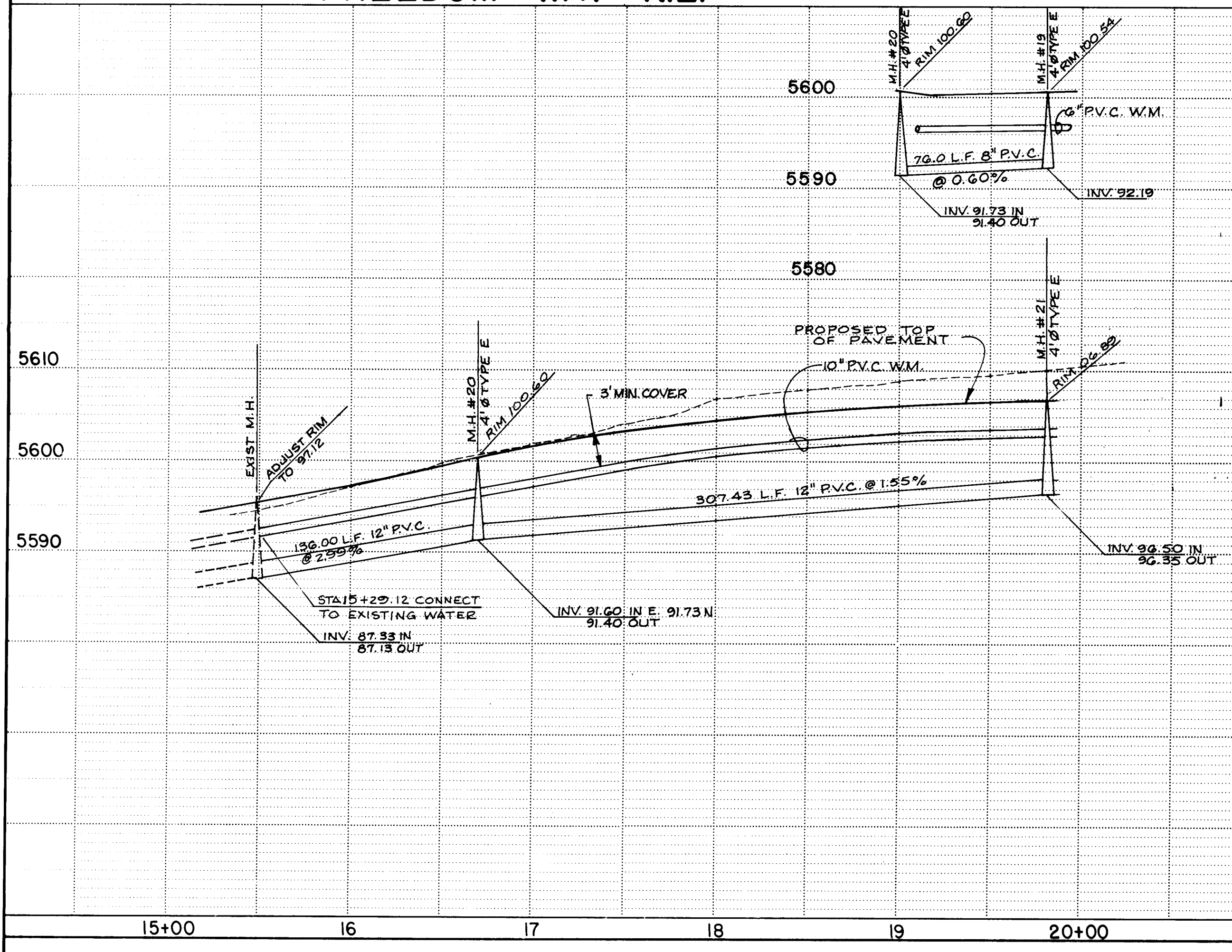


NO.	DATE	REMARKS	BY
		DESIGN	
		REVISIONS	
		DESIGNED BY KMM	DATE AUG. 1984
		DRAWN BY KMM	DATE AUG. 1984
		CHECKED BY KMM	DATE AUG. 1984



NOTE:
All references to MPW and MPS
shall be constructed under
Project 2017 unless otherwise noted

FREEDOM WAY N.E.



26 20173585

RECORD DRAWING

SCALE: 1" = 50' Horizontal
1" = 10' Vertical

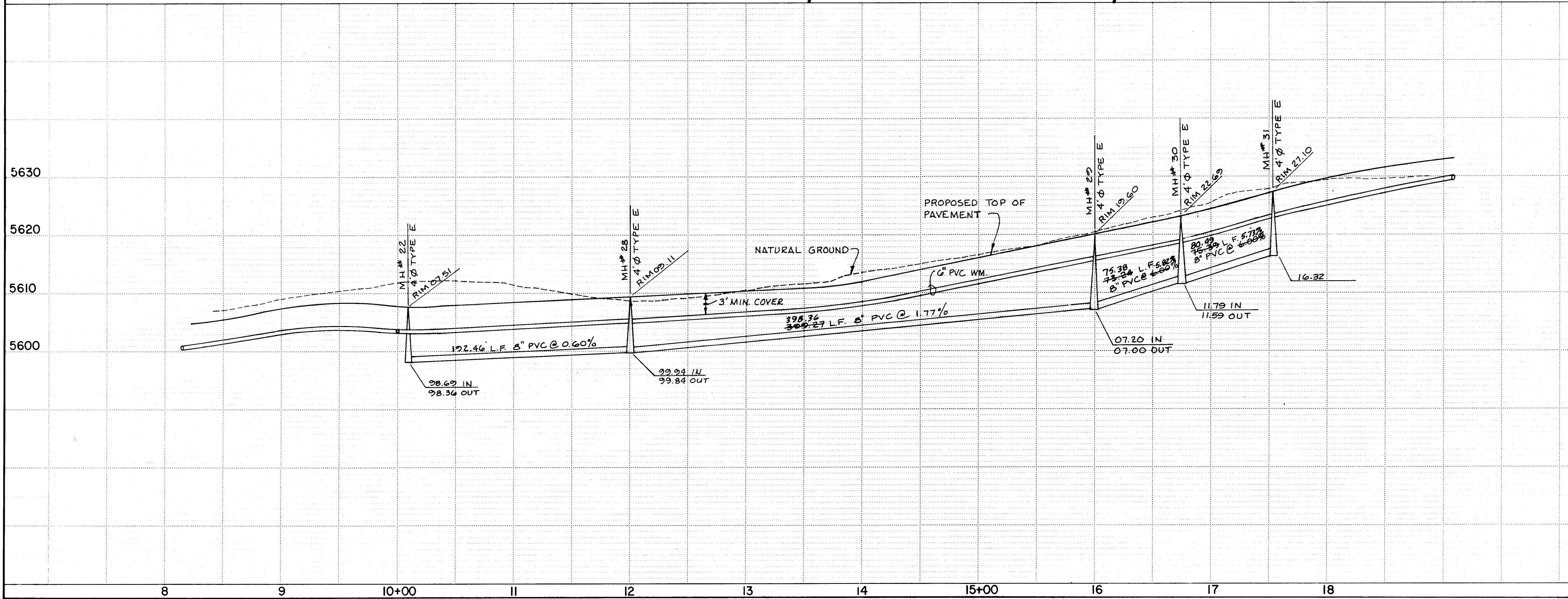
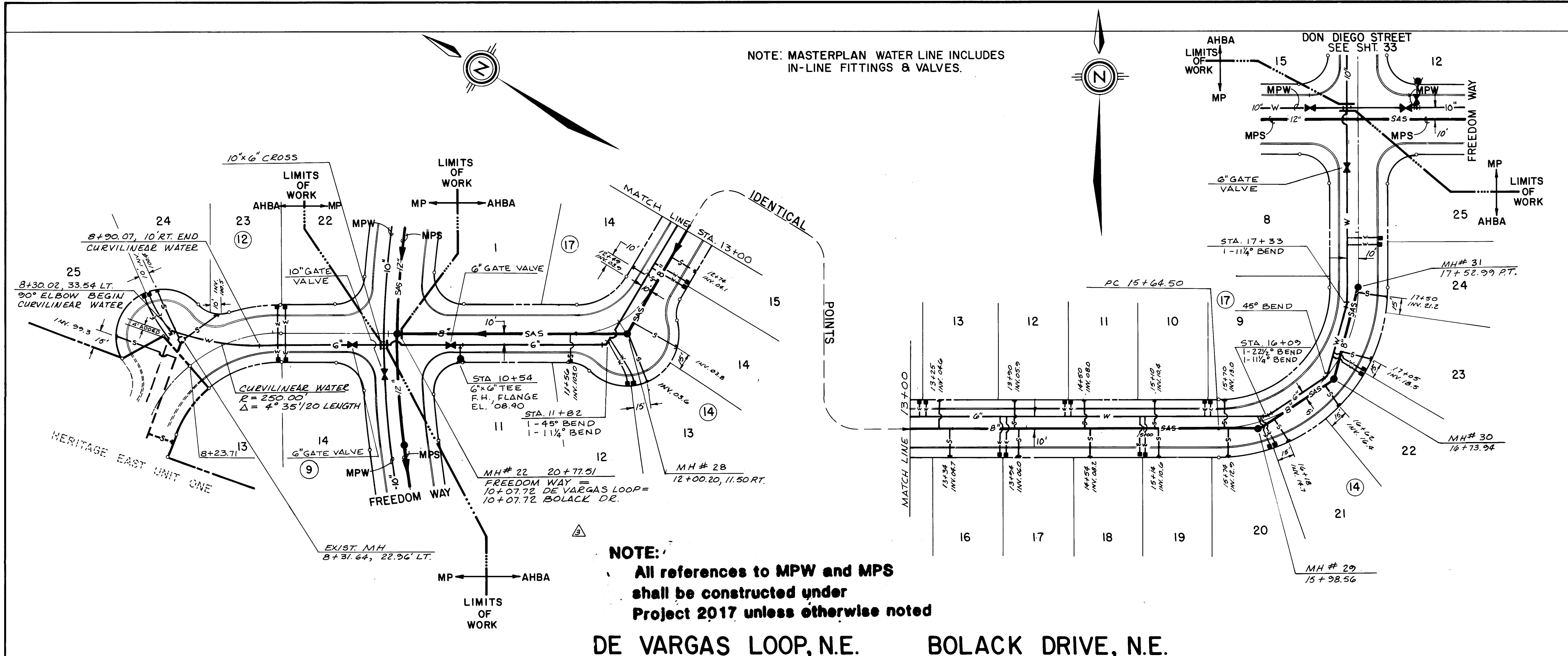
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST - UNIT TWO - UTILITY PLAN & PROFILE
FREEDOM WAY, N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/1/84	Traffic	N.A. D.H.	7/1/84
A.C.E. - Design	<i>[Signature]</i>	7/1/84	Water Resources	<i>[Signature]</i>	8/1/84
Hydrology	N.A. A.P.A.	8/27/84			

DRAWING NO. 2017 MAP NO. D-20 SHEET 35 OF 42

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		"ACS BRASS CAP "1-D21" LOCATED AT THE INTERSECTION OF SAN ANTONIO DR., N.E. AND HOLBROOK ST., N.E., ELEVATION: 5637.38 3RD ORDER		CONTRACTOR: New Concepts	
		NO.	BY	DATE	WORK BY: G. Aron	INSPECTOR: DATE: 3-85	ACCEPTANCE BY: DATE: 3-85
REVISIONS		DESIGN		MICRO-FILM INFORMATION		RECORDED BY: DATE:	
DESIGNED BY: K.M.W.		DATE: AUG 1984		NO.		NO.	
DRAWN BY: K.M.W.		DATE: AUG 1984					
CHECKED BY: R.D.P.		DATE: AUG 1984					



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
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RECORD DRAWING

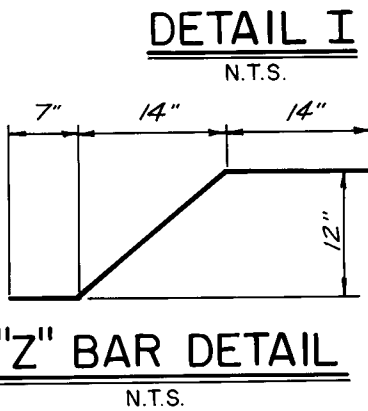
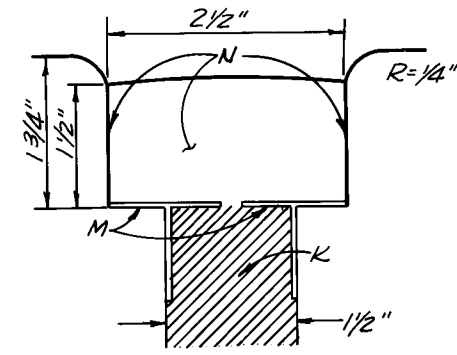
SCALE: 1" = 50' Horizontal
1" = 10' Vertical

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST- UNIT TWO- UTILITY PLAN & PROFILE
DE VARGAS LOOP, N.E. BOLACK DRIVE, N.E.

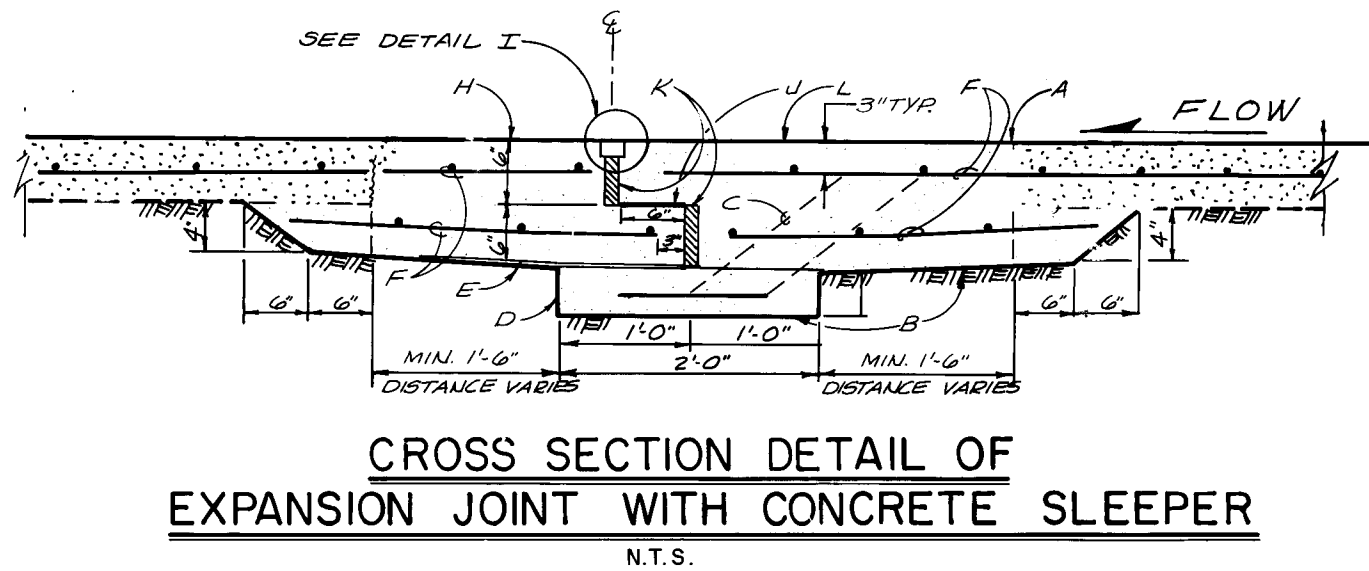
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. J. ...	8/16/84	Hydrology	N. A. ...	8/16/84
A.C.E. Design	N. A. ...	8/16/84	Water Resources	R. ...	8/16/84

DRAWING NO. 2017 MAP NO. D-20 SHEET 37 OF 42



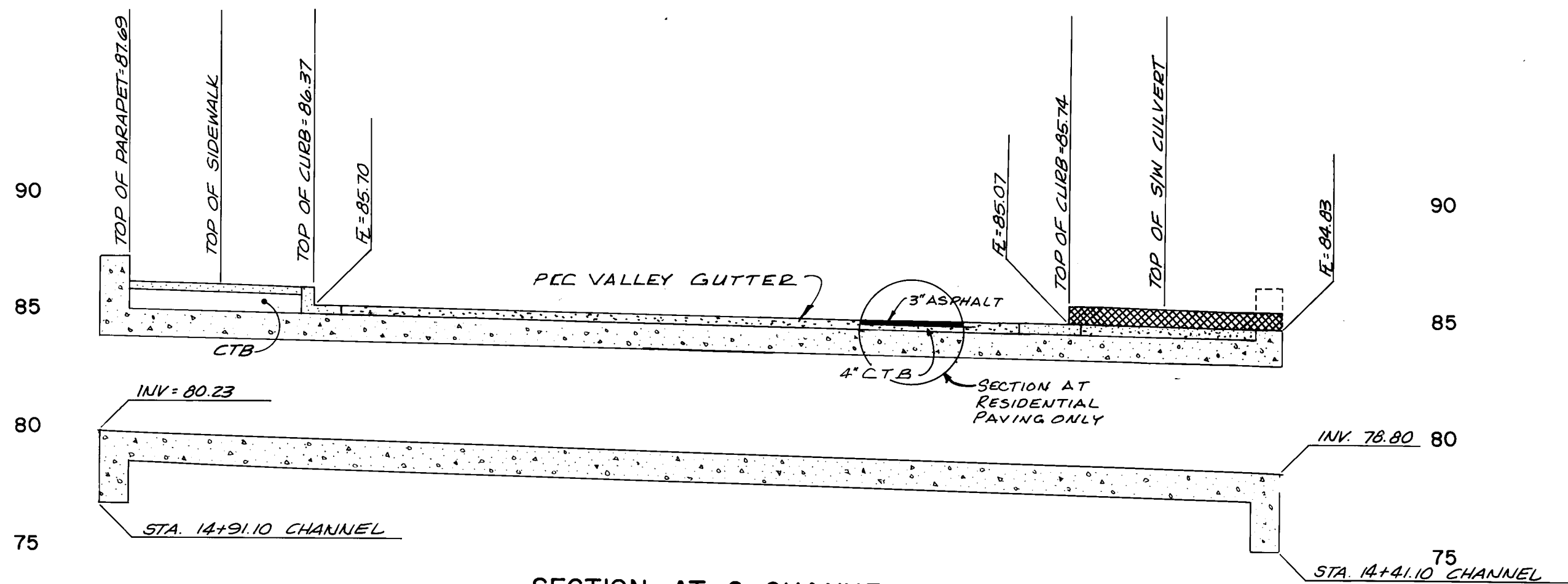
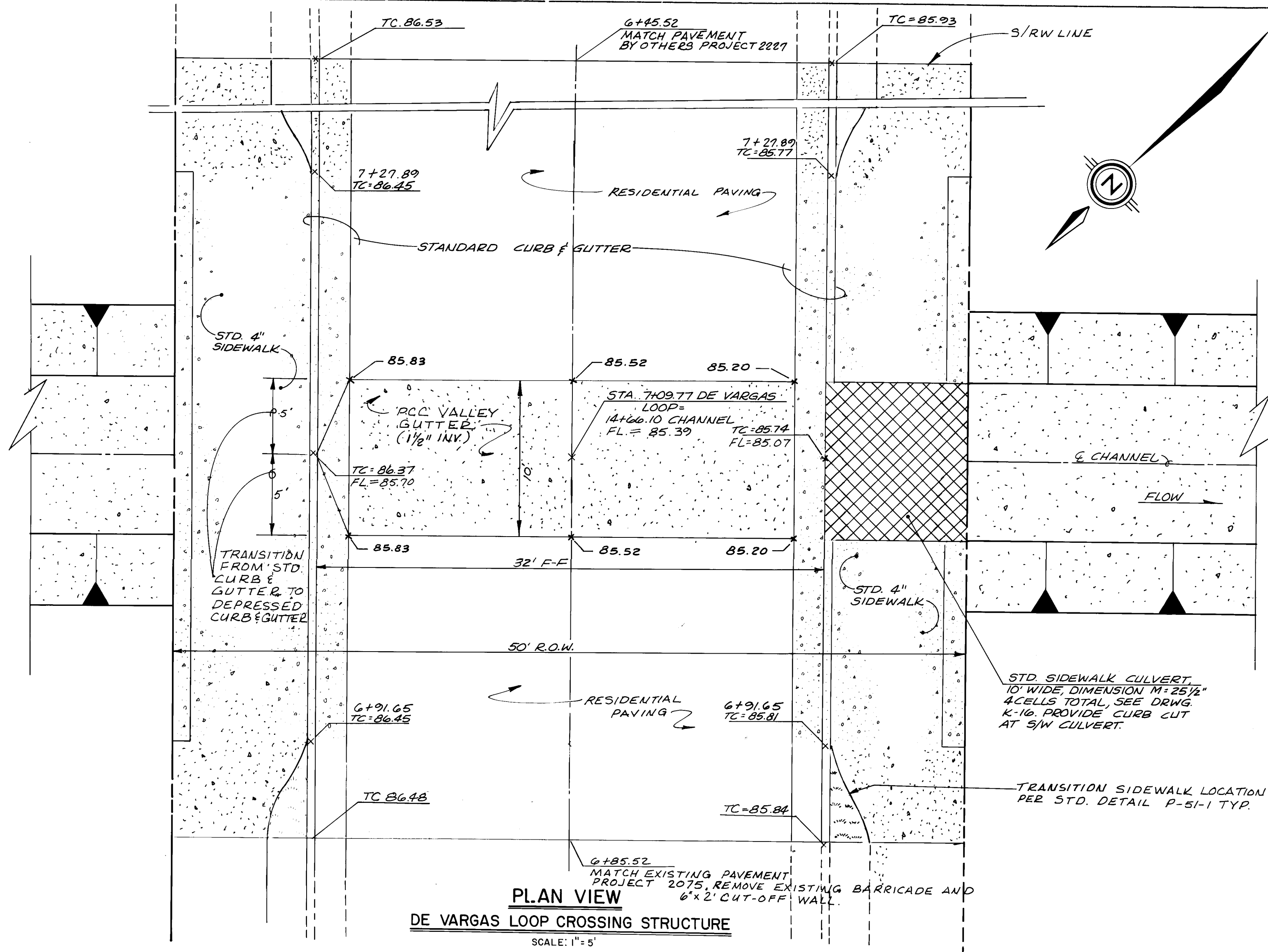
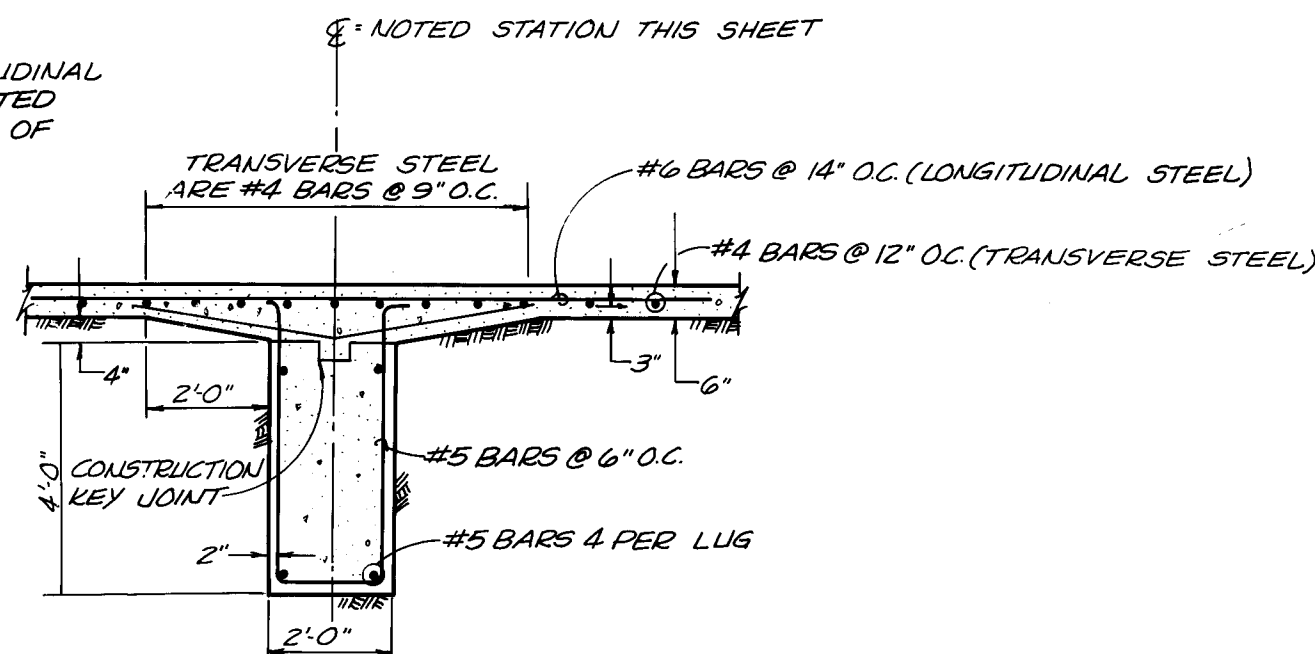
CONSTRUCTION NOTES:

- A. SAW CUT EXISTING CONCRETE LIFTING AS MARKED IN FIELD 1" TO 1 1/2" DEEP. BREAK OUT AN REMOVE EXISTING LIFTING AND JOINT. CAREFULLY PRESERVE REINFORCING STEEL 18" FROM CUT.
- B. RE-COMPACT SUB-GRADE TO MIN. 90% PER ASTM D 1557. SHAPE TO DIMENSIONS SHOWN.
- C. TIE STEEL AS SHOWN: #4 GRADE 40 OR 60: REVERSE Z BAR EVERY OTHER SPACE. SEE DETAIL FOR Z BAR THIS SHEET.
- D. FORM AND POUR 4000 PSI FLY ASH CONCRETE SLEEPER. RECOMPACT ADJACENT SOIL.
- E. POLYETHYLENE BEARING PLAT, .1/4" X 18", LOW DENSITY, PLACED FLAT ON SAME GRADE AS CHANNEL.
- F. TIE STEEL AS SHOWN: #5 GRADE 60 @ 12" PARALLEL TO CHANNEL AND #4 GRADE 40 @ 18" MAXIMUM SPACING TRANSVERSE TO CHANNEL. SUPPORT BOTTOM MAT WITH PREFORMED CONCRETE CHAIRS. STEEL SHALL BE FREE OF RUST SCALE.
- G. SANDBLAST BROKEN EDGE OF EXISTING CONCRETE AND APPLY TWO COMPONENT EPOXY BONDING AGENT, EVA-POX II MOD., OR EQUAL, PRIOR TO PLACING NEW CONCRETE.
- H. FORM, POUR DOWNSTREAM CONCRETE SECTION AS SHOWN WITH 4000 PSI FLY ASH CONCRETE WITH ALUMINUM FLOAT AND DRY BROOM FINISH. STEEL TROWEL BEARING PLATE SURFACE ONLY, PARALLEL TO THE CONCRETE SLEEPER SURFACE.
- I. PLACE 1/4" X 6" LOW DENSITY POLYETHYLENE BEARING PLAT AS SHOWN BETWEEN THE TWO FILLER SECTIONS.
- J. PLACE FOAM POLYETHYLENE FILLERS AS SHOWN PLASTAZOTE OR EQUAL. DO NOT ANCHOR WITH NAILS. KEEP FILLER FLAT AGAINST POURED CONCRETE SECTION WITH FRESH CONCRETE WHEN POURING UPSTREAM SECTION.
- K. POUR UPSTREAM SECTION AS PER SKETCH AND NOTE "F".
- L. PLACE POLYETHYLENE BOND BREAKER UNDER STEEL.
- M. APPLY 2 COMPONENT EPOXY BINDER TO BOTH SIDES EVA-POX BINDER OR EQUAL AND IMMEDIATELY INSTALL ETHYLENE VINYL ACETATE FOAM SEALANT, EVA-SEAL OR EQUAL AS SHOWN, DIMENSION OF SEALANT BEFORE INSTALLATION SHALL BE 3" WIDE AND 1 1/2" DEEP.
- N. CONSTRUCT SIDE SLOPES, IF REQUIRED BY THE CONTRACT PER DWG.



NOTE: SPLICING OF LONGITUDINAL STEEL NOT PERMITTED WITHIN EITHER SIDE OF E OF LUG

NOTE: COMPACT SUBGRADE TO 90% ASTM D 1557 SHAPE TO DIMENSIONS SHOWN WITH NEAT LINES OF EXCAVATION



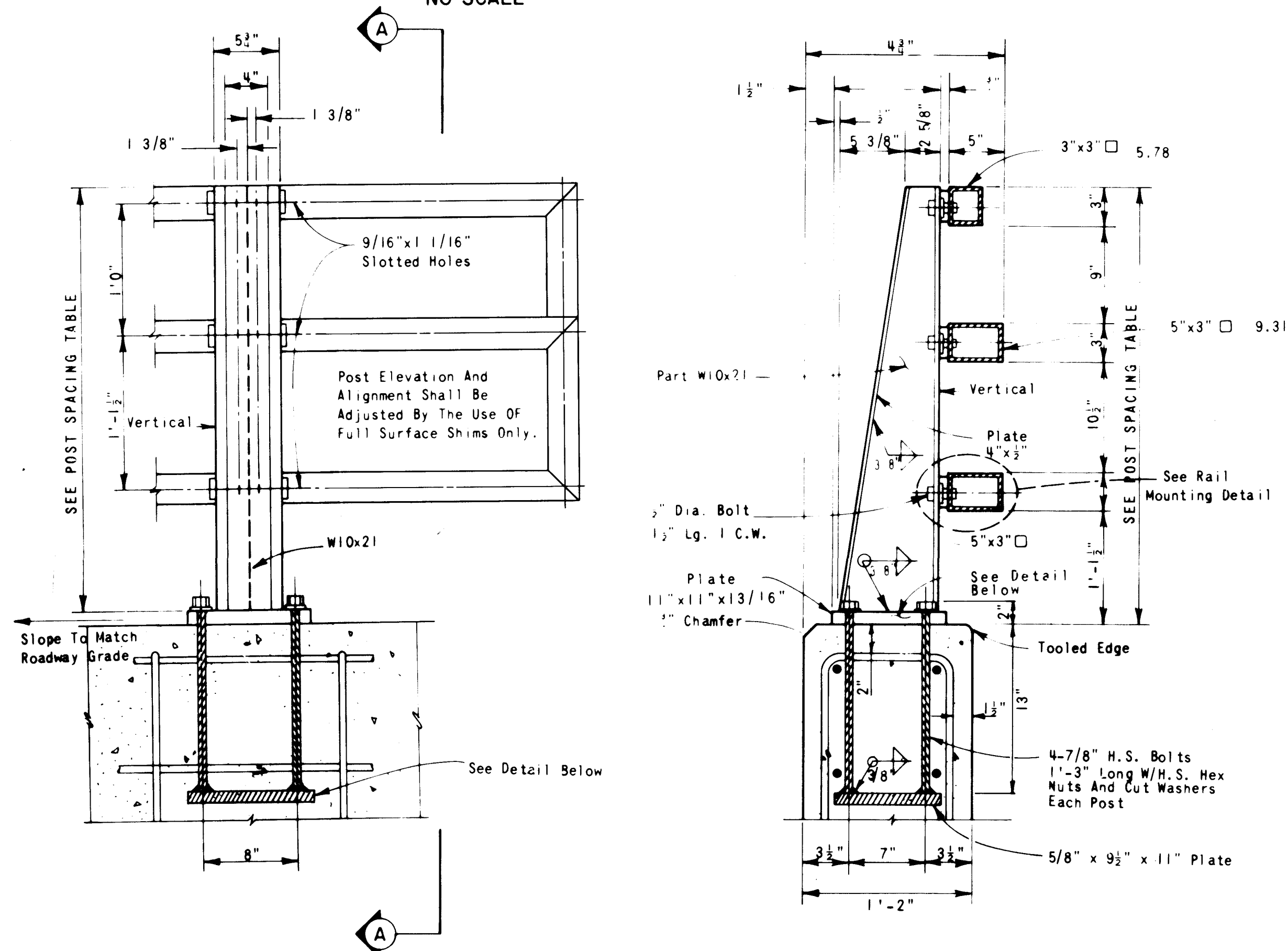
SECTION AT Q CHANNEL
STA. 7+09.77 DE VARGAS LOOP
SCALE: 1" = 5' HORIZ.
1" = 5' VERT.

26 20174085

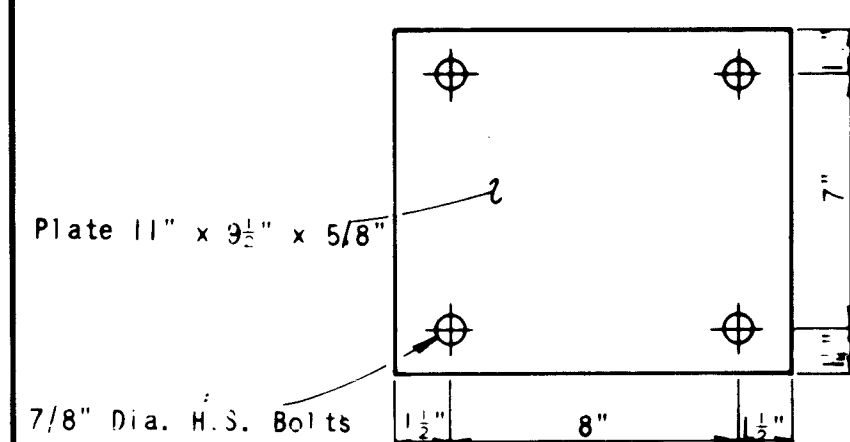
RECORD DRAWING

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT II DE VARGAS LOOP BRIDGE PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>P. D. Thompson</i>	11/14/84			
A.C.E. - Design	<i>A. Wilson</i>	11/28/84	Traffic	<i>David W. Hannon</i>	11/28/84
Hydrology	<i>A. Socha</i>	11/14/84	Water Resources	N/A	11/14/84
DRAWING NO.	2017	MAP NO.	D-20	SHEET	40 OF 42

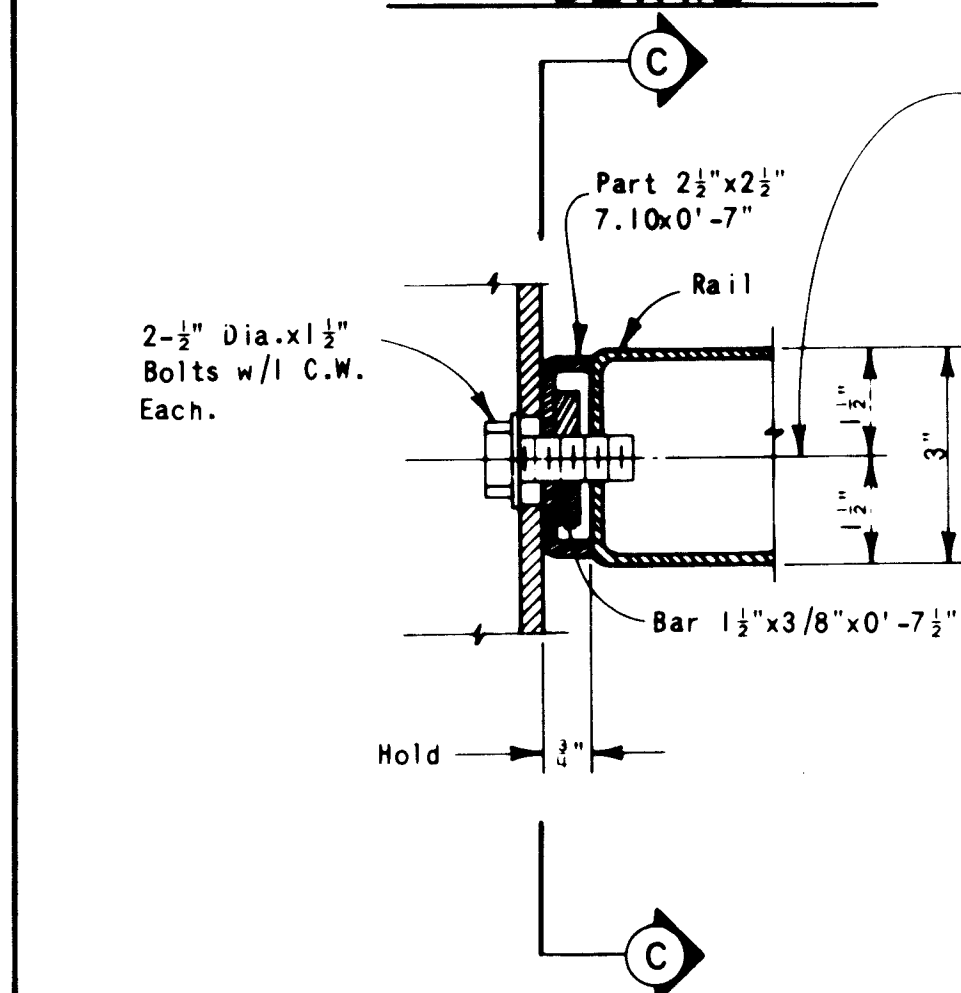
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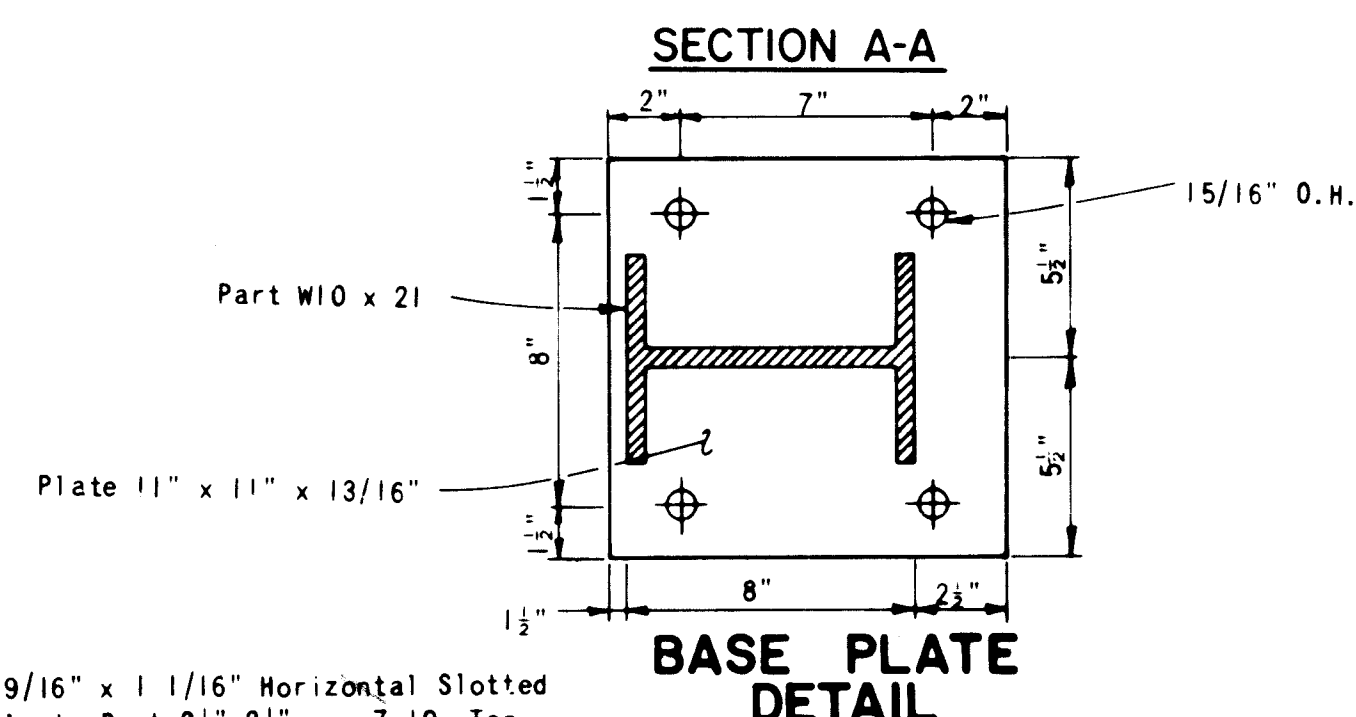
ELEVATION



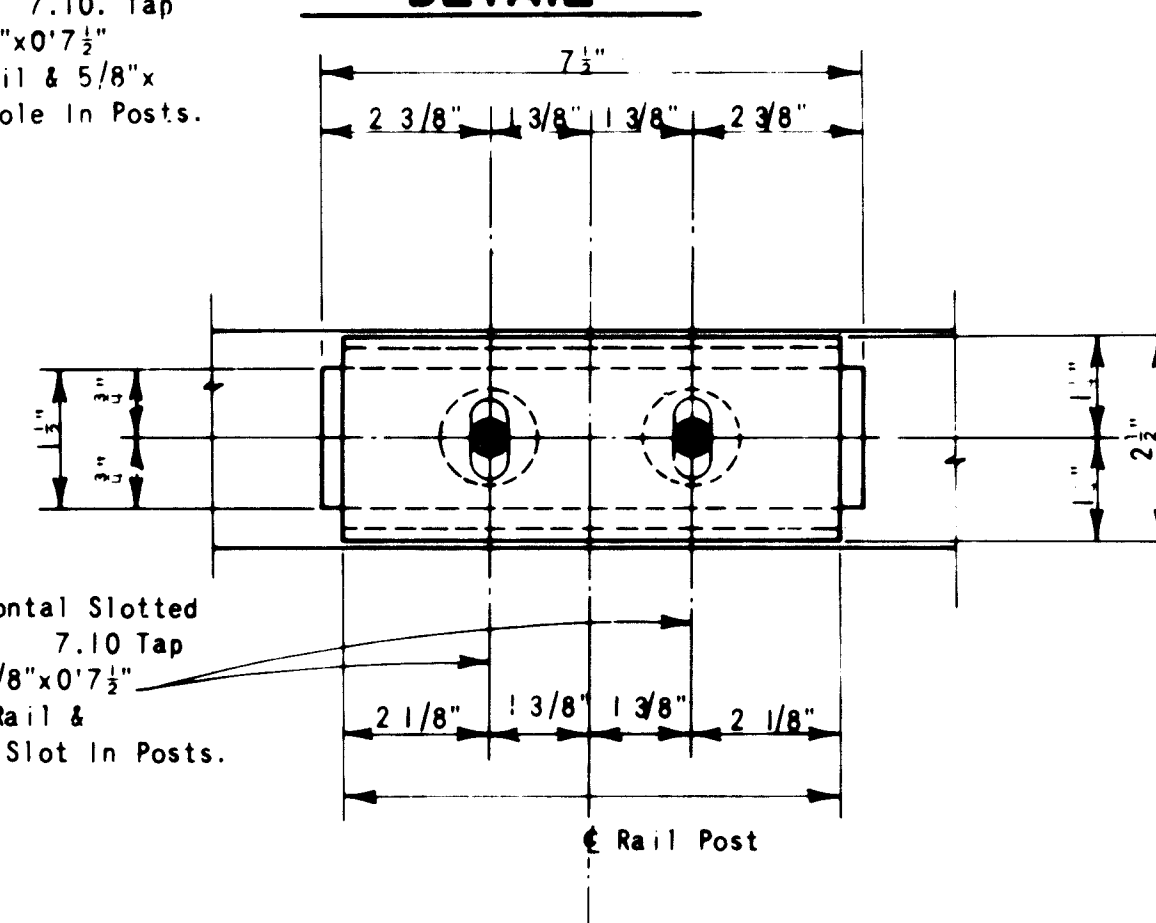
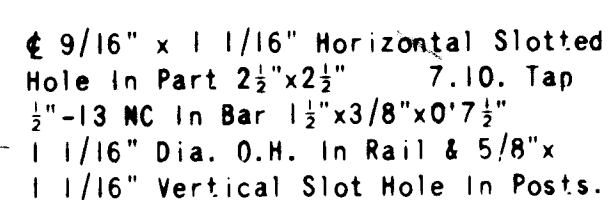
ANCHOR PLATE DETAIL



RAIL MOUNTING DETAIL
NO SCALE

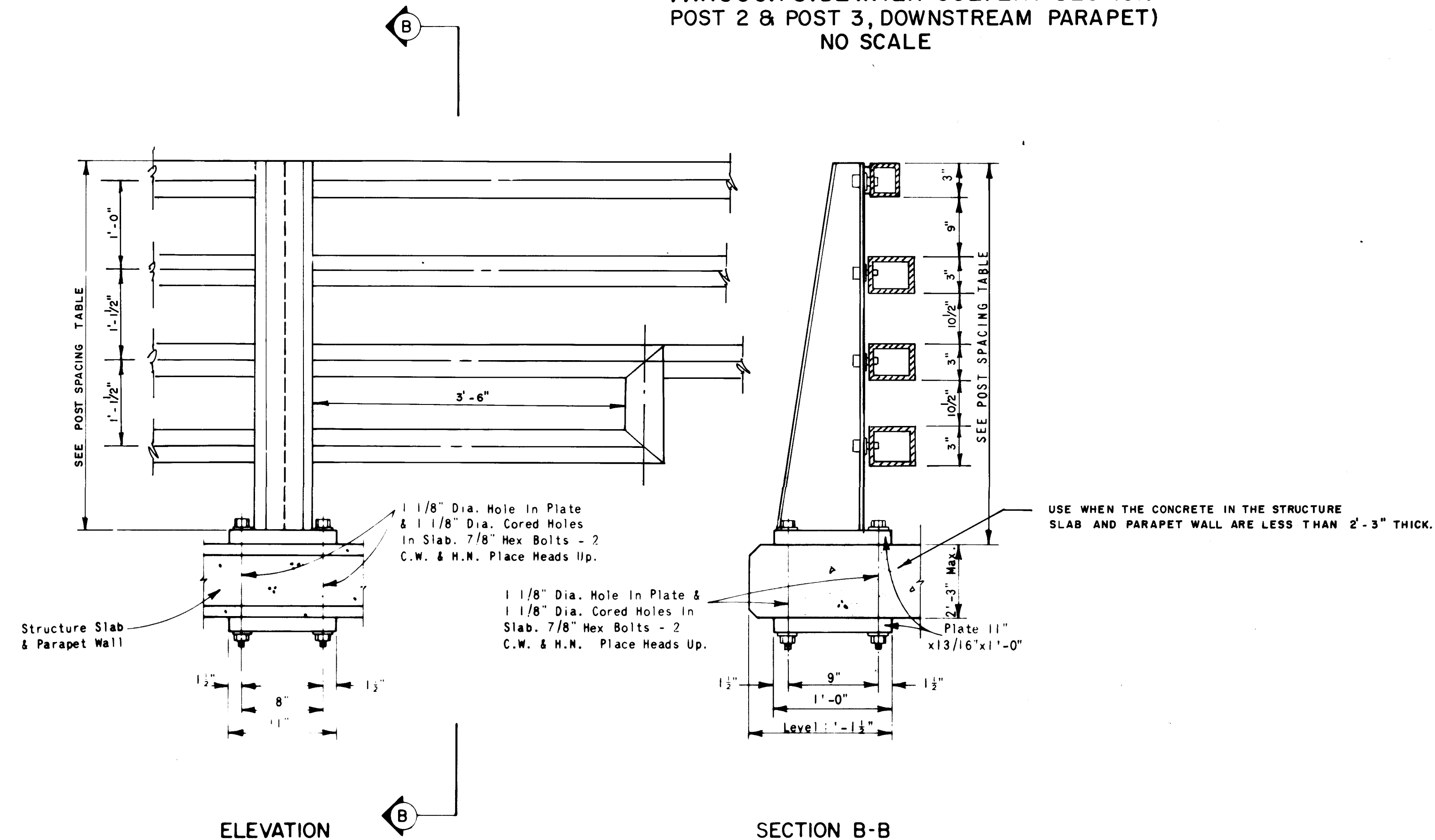


BASE PLATE DETAIL



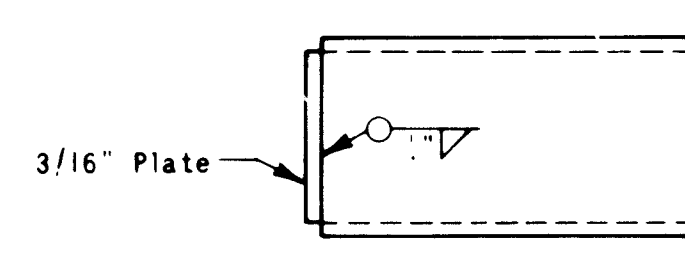
SECTION C-C
NO SCALE

TYPICAL "B" RAIL DETAIL
THROUGH SIDEWALK CULVERT SECTION
 POST 2 & POST 3, DOWNSTREAM PARAPET)
 NO SCALE

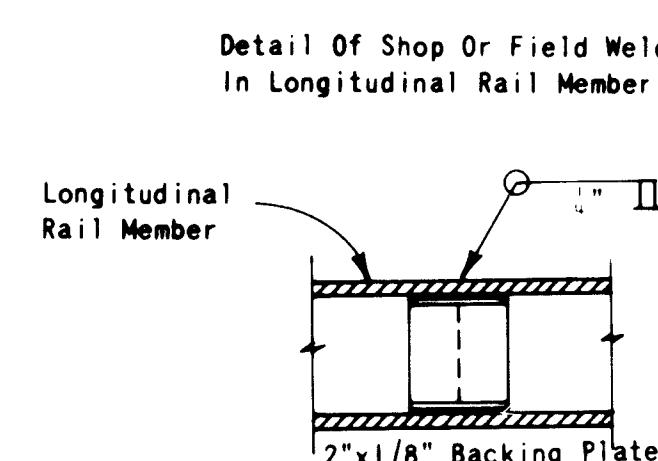


SECTION B-B

POST SPACING TABLE															
PARAPET LOCATION	RAIL LENGTH	POST 1 STA.	HT.	POST 2 STA.	HT.	POST 3 STA.	HT.	POST 4 STA.	HT.	POST 5 STA.	HT.	POST 6 STA.	HT.	POST 7 STA.	HT.
UPSTREAM	36' 2 7/8"	+692.65	3' 6"	7+04.01	3' 6"	7+15.37	3' 6"	7+26.89	3' 6"						
DOWNSTREAM	36' 2 7/8"	+692.65	3' 6"	7+04.01	4' 7"	7+15.37	4' 7"	7+26.89	3' 6"						

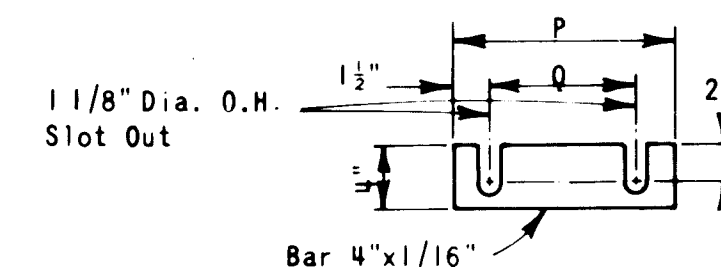


RAIL END DETAIL
NO SCALE



RAIL SPLICE DETAIL

NO SCALE



POST SHIMS
TYPE "B" RAIL
NO SCALE

P = 1'-0" & 0'-11" Q = 0'-4" & 0'-7"
One Shim P = 1'-1½" & One Shim P = 1'-0"
For Each Type B Rail Post. Post Shims Are
To Be Used Between Post And Concrete
Where Necessary.

MAXIMUM POST SPACING TABLE		
Maximum Spacing	TYPE OF STEEL A.S.T.M. DESIGNATION	
	5" x 3"	3" x 3"
8'-6"	A501	A500 or A501
9'-2"	A500 Grade A	A500 or A501
10'-10"	A500 Grade B	A500 or A501

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT II
DE VARGAS LOOP BRIDGE
GUARDRAIL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C.D. Harvey</i>	11/28/04			
A C E - Design	<i>HCC</i>	11/28/04	Traffic	<i>David W. Hansen</i>	11/28/04
ACE - Hydrology	<i>B. Boothby</i>	11/14/04	Water Resources	<i>N/A EGF</i>	11/14/04
DRAWING NO. 2017		MAP NO. D-20		SHEET 42 OF 42	

RECORD DRAWING

RUNING 44.132