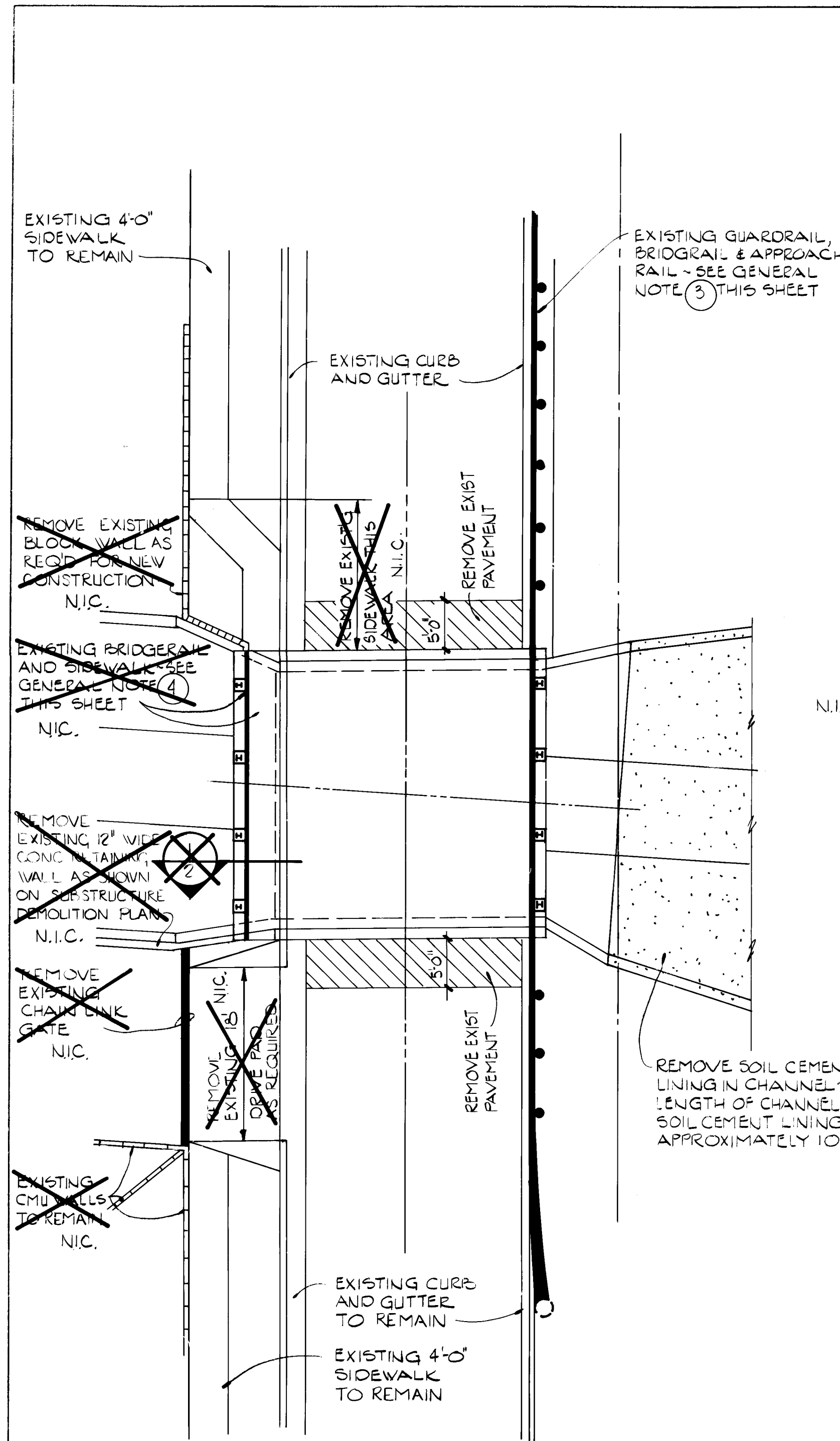
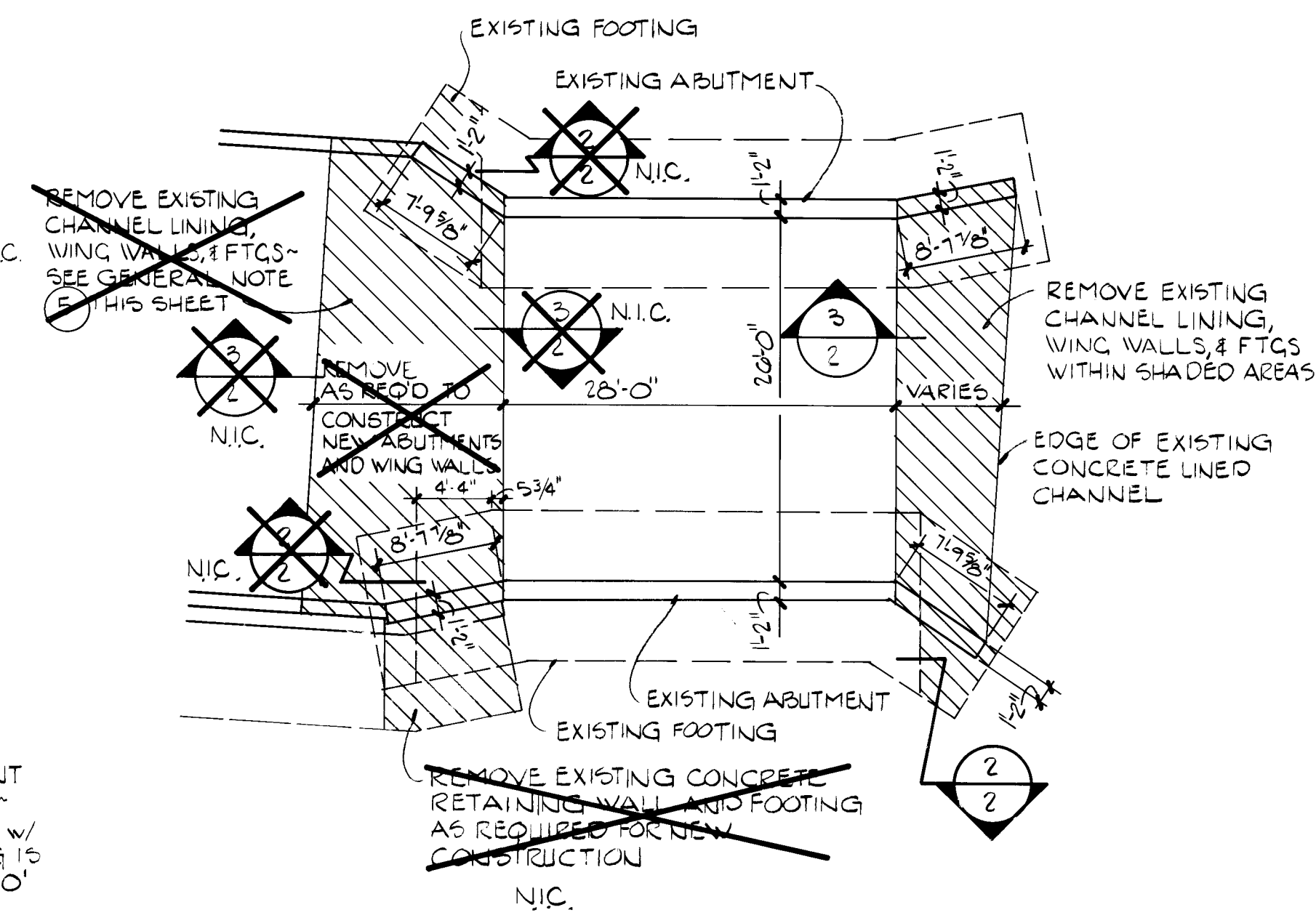


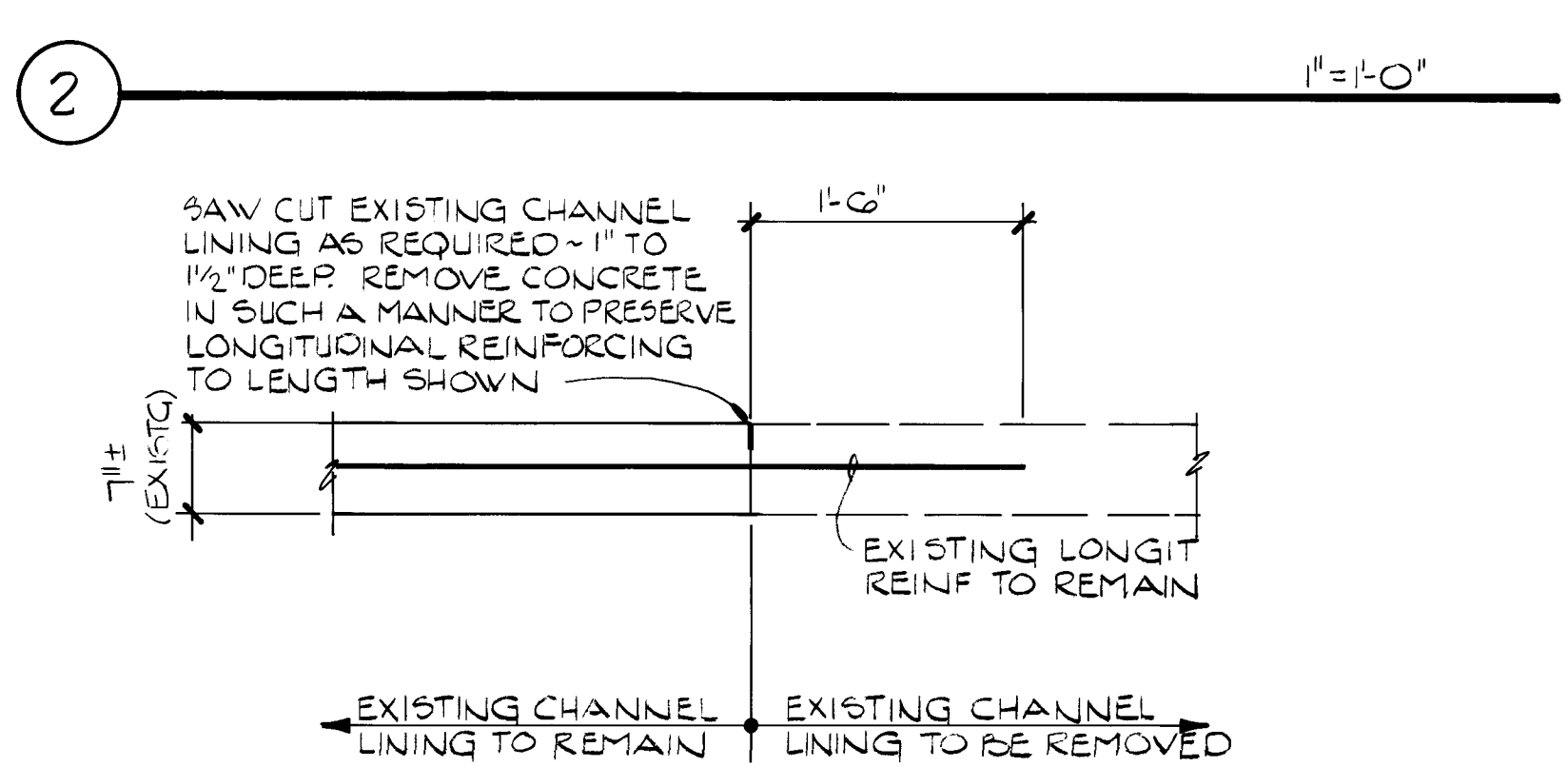
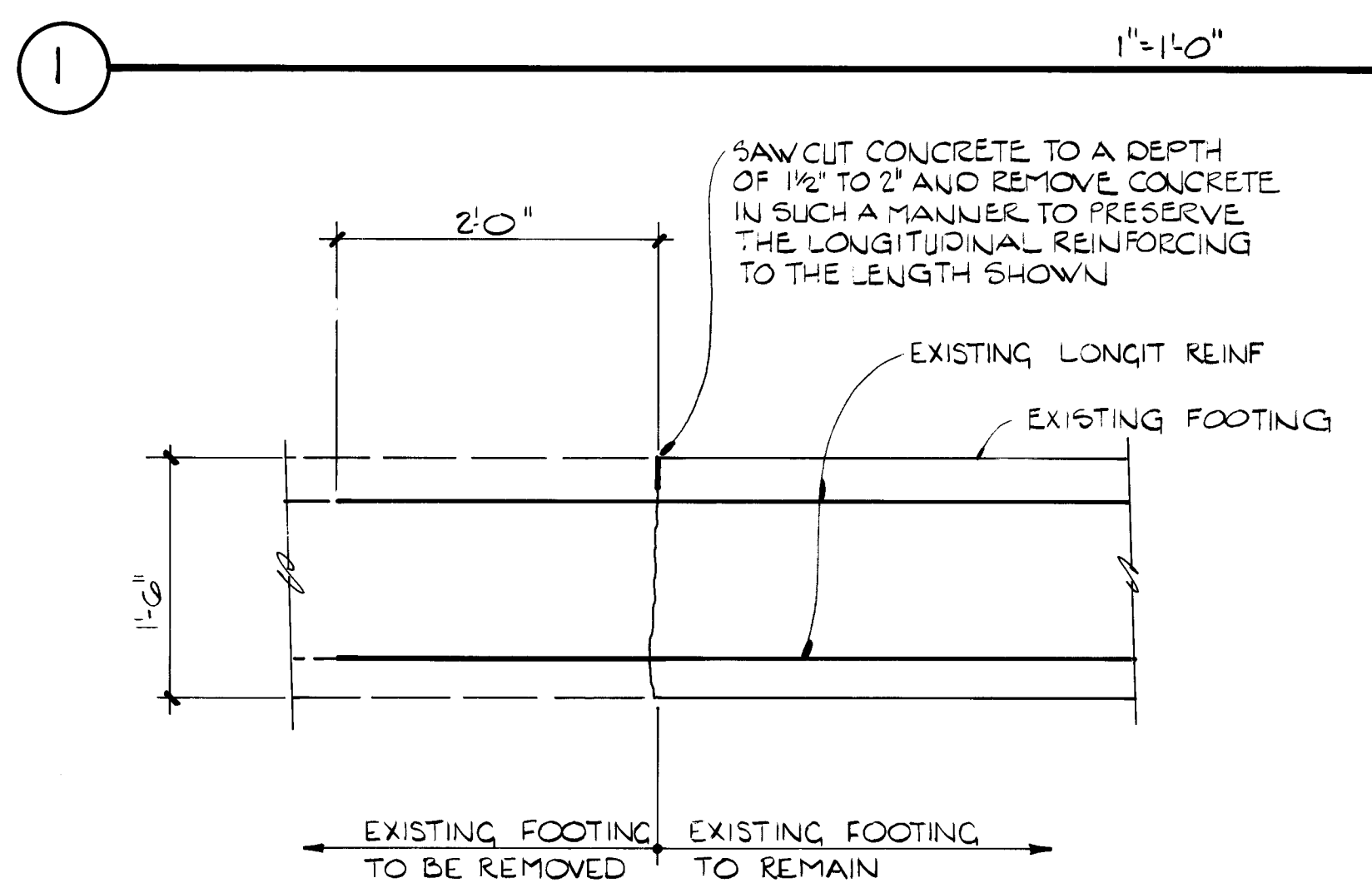
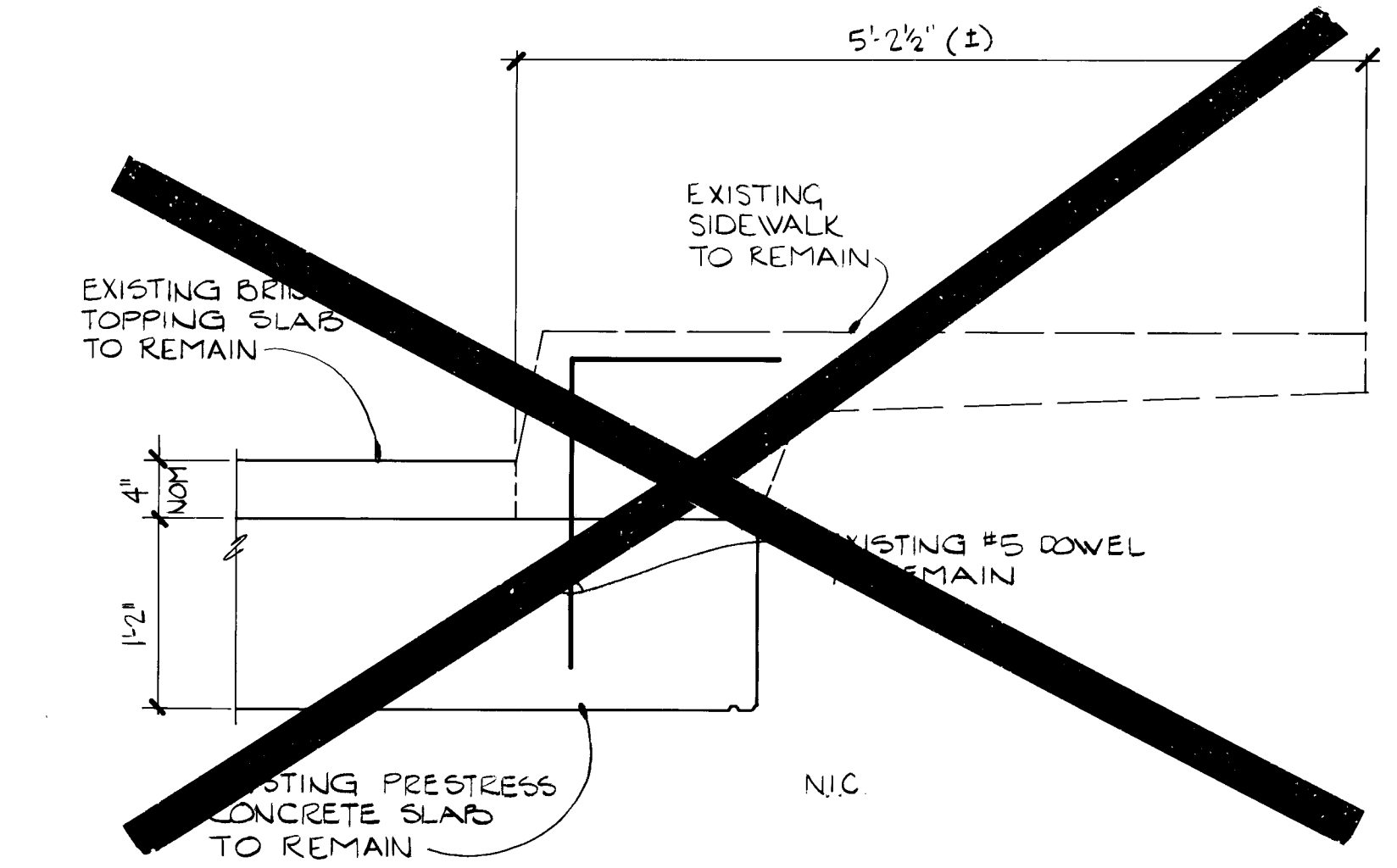
N.I.C. = NOT IN CONSTRUCTION			AS BUILT INFORMATION		
			CONTRACTOR'S UNDER CONSTRUCTION		
			DRAWN BY	DATE	
			INSPECTOR'S	DATE	
			ACCEPTANCE BY	DATE	
			VERIFICATION BY	DATE	
			DRAWINGS	DATE	
			REVISIONS	DATE	
			MICRO-FILM INFORMATION	DATE	
			RECORDED BY	DATE	
			NO	NO	
NOTE: BEFORE CONSTRUCTION BEGINS, VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN ON EXISTING CONSTRUCTION. IF EXISTING CONDITIONS ARE NOT AS SHOWN, NOTIFY ENGINEER SO THAT MODIFICATIONS, IF NECESSARY, CAN BE MADE BEFORE CONSTRUCTION BEGINS.			BENCH MARKS		
			"ACS" Aluminum Cap "5-D21", rivetted to an aluminum pipe with the cap projecting 0.1' above the ground. Elevation = 5,650.56. From the intersection of Paseo Del Norte and I-25 go east on Paseo Del Norte 2.7 miles to Holbrook St. N.E. Turn right, go south on Holbrook St. 0.45 mile. The station is located 84.7 ft. east of this point.		
RECORD DRAWINGS			SURVEY INFORMATION		
			FIELD NOTES		
ENGINEER'S SEAL			NO. BY		
DESIGNED BY BGE DATE 5-13-87 DRAWN BY BGE DATE 5-13-87 CHECKED BY LVC DATE 5-13-87			REVISIONS		
BACCHUS CONSULTING ENGINEERING STRUCTURAL ENGINEERS ALBUQUERQUE, NEW MEXICO			NO. DATE		
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			TITLE:		
			VENTURA CROSSING STRUCTURE SUBSTRUCTURE SECTIONS AND DETAILS		
APPROVALS			ENGINEER		
CITY ENGINEER			DATE		
ACE-Design			APPROVALS		
ACE-Hydrology			ENGINEER		
DRAWING NO. 2857			DATE		
MAP NO. D-20			SHEET 9 OF 11		



DEMOLITION PLAN - SUPERSTRUCTURE
1"=10'-0"



DEMOLITION PLAN - SUBSTRUCTURE
1"=10'-0"



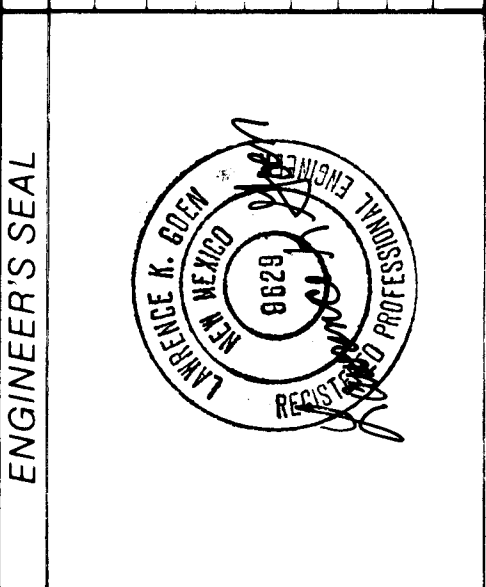
3
1"=1'-0"

GENERAL NOTES - DEMOLITION

1. The extent of demolition shall be as shown on this sheet.
2. Removal of the designated portions of the existing construction shall be accomplished in such a manner to prevent damage to the existing construction which remains.
3. The existing guardrail, bridgerail, and approach rail on the east side of the existing crossing structure shall remain in place until construction of east half of crossing structure is substantially complete. The bridgerail and approach rail are to be reinstalled on the east side of the eastern addition.
4. Provide barricades, lights and warning signs as necessary for protection of existing property, construction personnel and the public. See Section 19 of City of Albuquerque Interim Standard Specifications for Public Works Construction.
5. Contractor shall be responsible for disposing of all material which is to be removed and not reused. Disposal shall be in accordance with local regulations and as directed by the Engineer.

N.I.C. = NOT IN CONTRACT

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	Cap "S-D21"	DATE	FIELD NOTES	NO.
WORK	DATE	aluminum pipe with cap projecting 0.1' above the ground.	DATE	BY	
STATIONED BY	DATE	Elevation = 5,650.56.	DATE		
FIELD	DATE	Intersection of Paseo Del Norte and I-25 go east	DATE		
ADJUSTMENT BY	DATE	on Paseo Del Norte 2.7 miles to Holbrook St.	DATE		
RECORDED BY	DATE	N.E. Turn right, go south on Holbrook St. 0.45 mile. The station is located 84.7 ft. east of this point.	DATE		



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

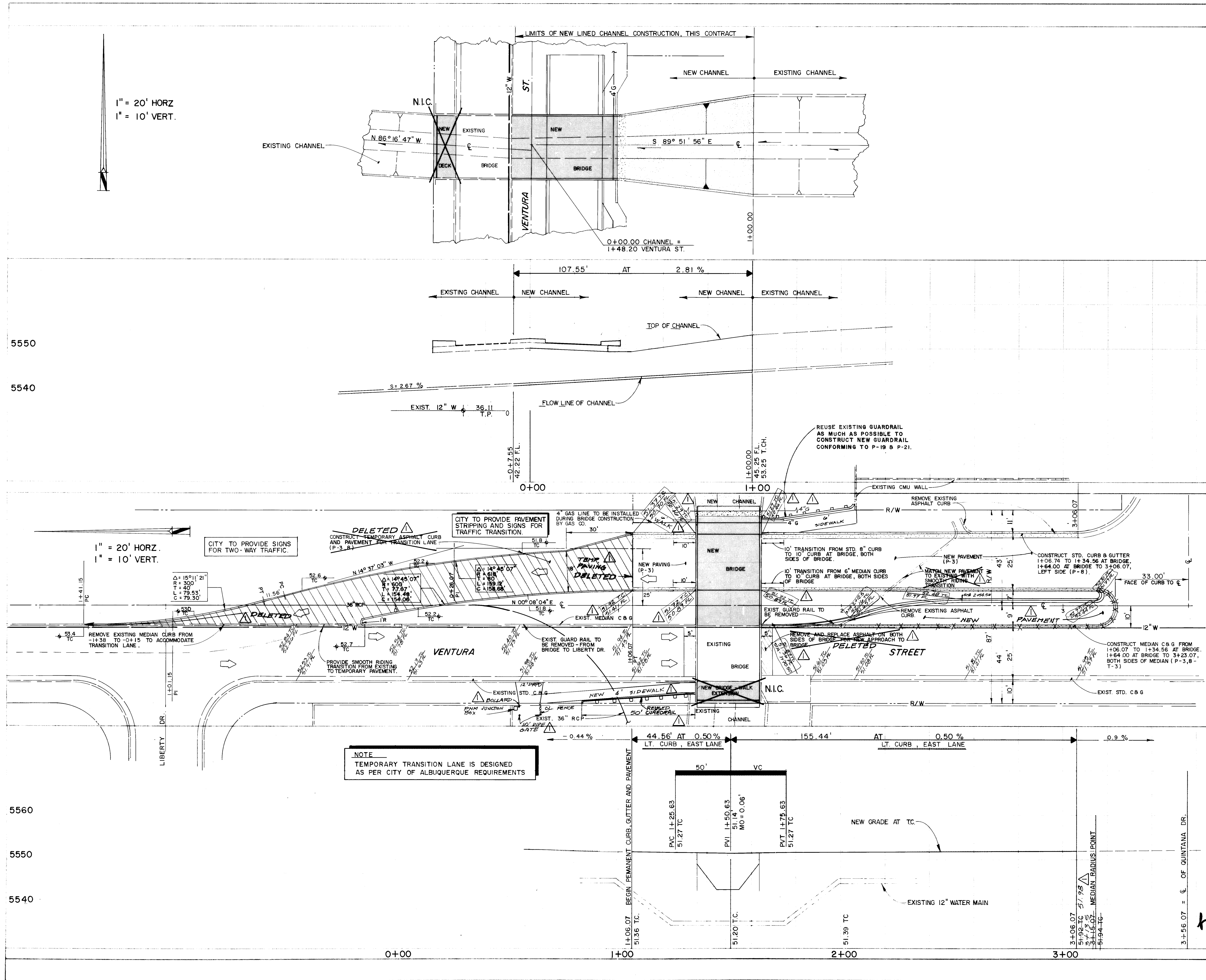
RECORD DRAWINGS

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ALBUQUERQUE,
NEW MEXICO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
VENTURA CROSSING STRUCTURE
DEMOLITION PLAN AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/27/87	Liquid Waste	<i>[Signature]</i>	2-10-87
Design	<i>[Signature]</i>	7-27-87	Traffic	<i>[Signature]</i>	4/21/87
Hydrology	<i>[Signature]</i>	4/14/87	Water	<i>[Signature]</i>	2-10-87



N.I.C. = NOT IN CONTRACT

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		RECORD DRAWING		CITY OF ALBUQUERQUE		TITLE:		APPROVALS		ENGINEER		DATE	
CONTRACT NO.	100-0000	MARK	Cap "5-D21", rivetted to an aluminum pipe with the cap projecting 0.1' above the ground. Elevation = 5,650.56. From the intersection of Paseo Del Norte and I-25 go east on Paseo Del Norte 2.7 miles to Holbrook St. N.E. Turn right, go south on Holbrook St. 0.45 mile. The station is located 84.7 ft. east of this point.	NO.	DATE	BY	DATE	NO.	DATE	REMARKS	DESIGN	DESIGNED BY	WHE	DATE	5-13-87	DRAWN BY	WHE	DATE	5-13-87
DATE		DATE		DATE		DATE		DATE		DATE		CHECKED BY	WHE	DATE	5-13-87	CHECKED BY	WHE	DATE	5-13-87
DATE		DATE		DATE		DATE		DATE		DATE		CHECKED BY	WHE	DATE	5-13-87	CHECKED BY	WHE	DATE	5-13-87

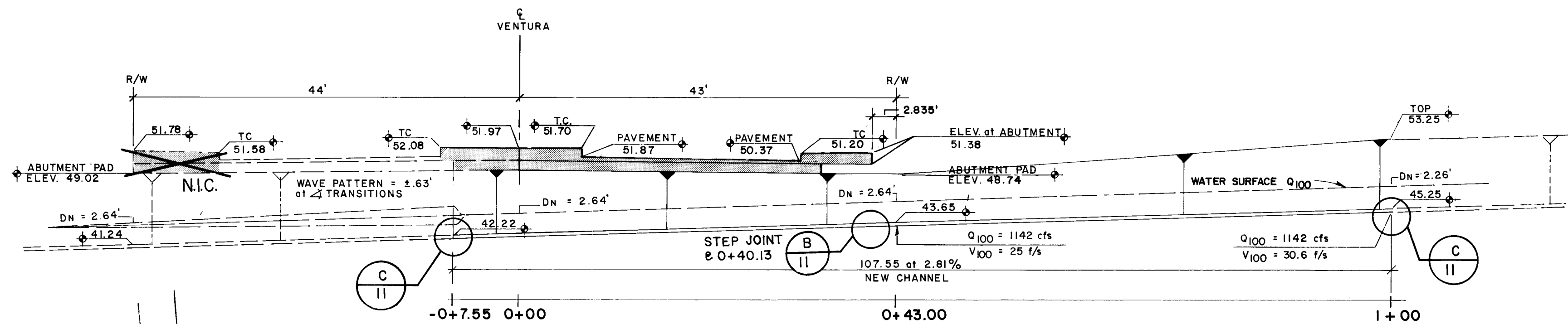
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ALBUQUERQUE,
NEW MEXICO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

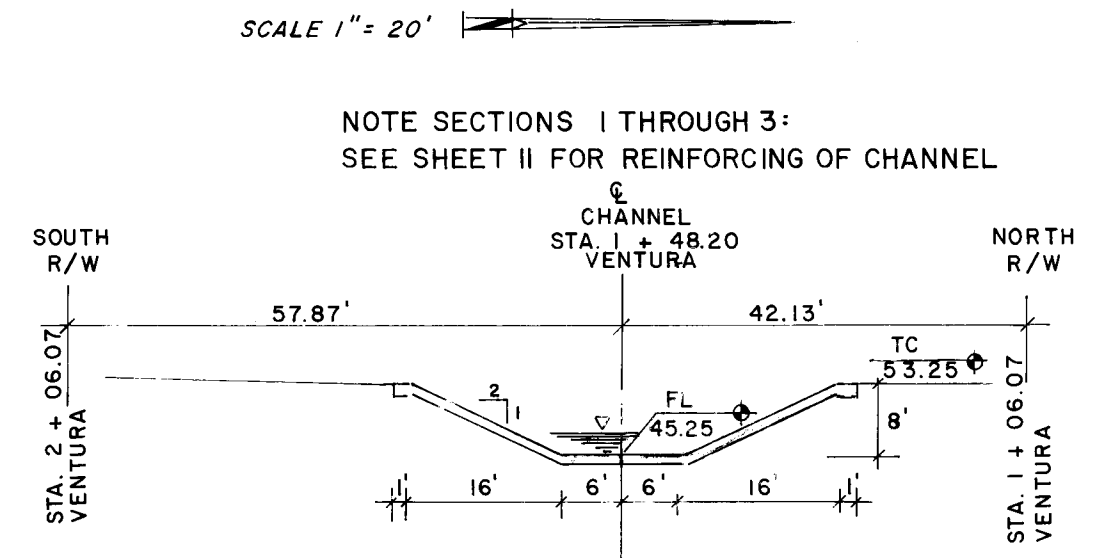
**VENTURA CROSSING STRUCTURE
STREET AND CHANNEL PLAN AND PROFILE**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Adrian	1/29/87	Liquid Waste	WHE	2-10-87
AGE-Design	Davidson	4-21-87	Traffic	Davidson	4-21-87
AGE-Hydrology	Don Hays	4-21-87	Water	WHE	2-10-87

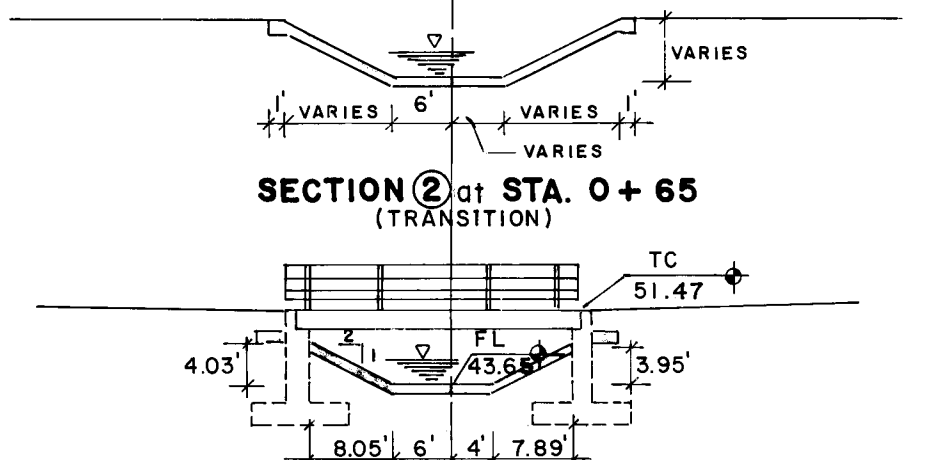
N.I.C. = NOT IN CONTRACT



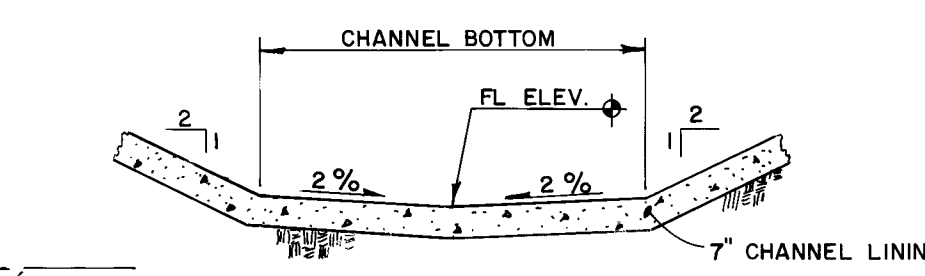
VENTURA BRIDGE/DOMINGO BACA CHANNEL CROSS-SECTION
AT C OF CHANNEL



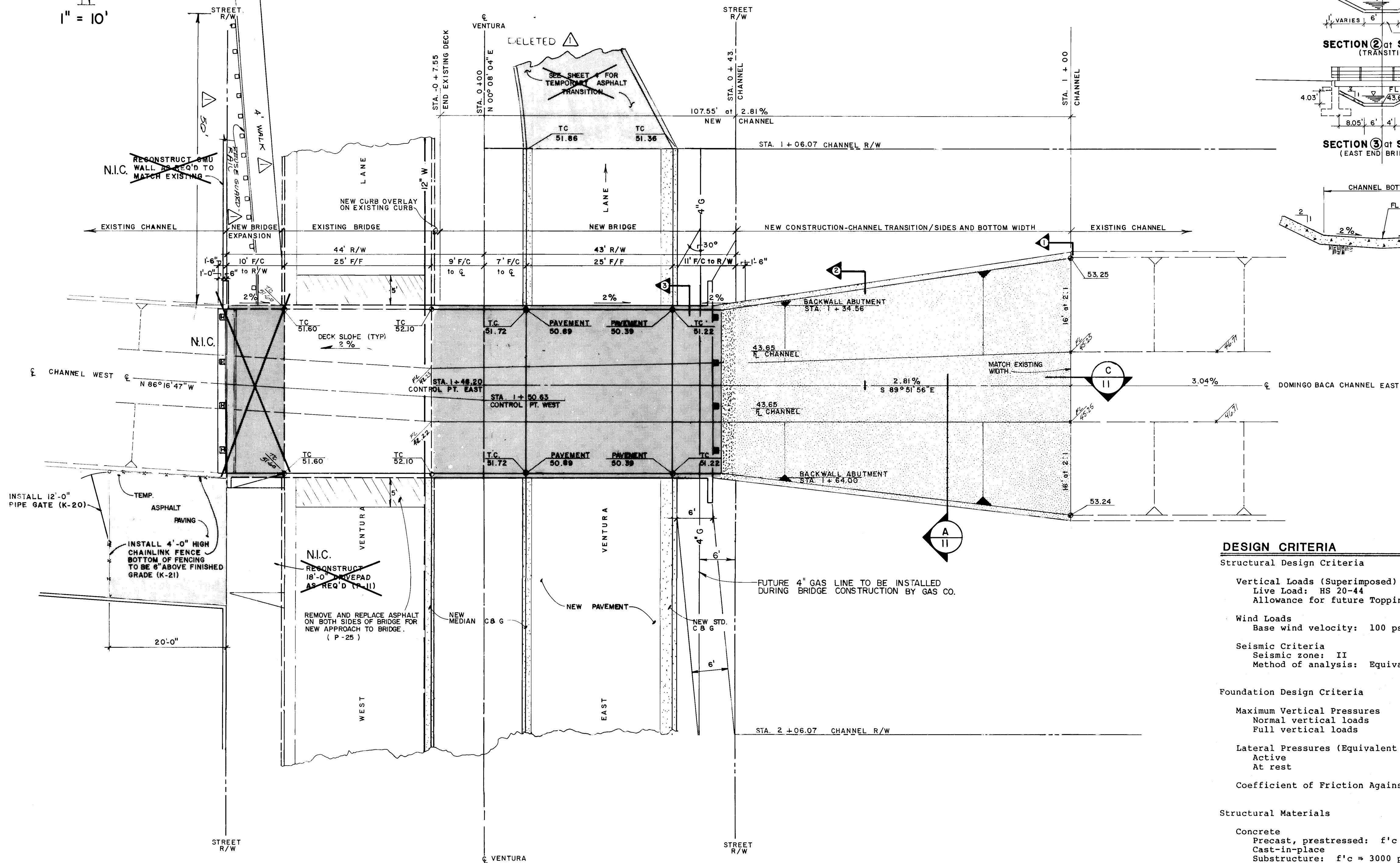
SECTION 1 of STA. 1+00
(END EAST CHANNEL)



SECTION 2 of STA. 0+65
(TRANSITION)



SECTION 3 of STA. 0+43
(EAST END BRIDGE)



VENTURA BRIDGE/DOMINGO BACA CHANNEL - PLAN

DESIGN CRITERIA

Structural Design Criteria

Vertical Loads (Superimposed)
Live Load: HS 20-44
Allowance for future Topping: 25 psf

Wind Loads
Base wind velocity: 100 psf

Seismic Criteria
Seismic zone: II
Method of analysis: Equivalent static force method

Foundation Design Criteria

Maximum Vertical Pressures
Normal vertical loads 2500 psf
Full vertical loads 3000 psf

Lateral Pressures (Equivalent fluid pressures)
Active 30 psf
At rest 50 psf

Coefficient of Friction Against Sliding = 0.40

Structural Materials

Concrete
Precast, prestressed: $f'_c = 5000$ psi
Cast-in-place
Substructure: $f'_c = 3000$ psi
Structural and topping slabs: $f'_c = 4000$ psi

Reinforcing Steel
Bars: ASTM A615, grade 60, deformed
Prestressing tendons: ASTM A416, grade 270
Welded wire fabric: ASTM A185, flat sheets

Structural and Miscellaneous Steel
ASTM A36

Elastomeric Bearing Pads
AASHTO M251

RECORD DRAWINGS
26 12 8 5 7 0 5 8 8

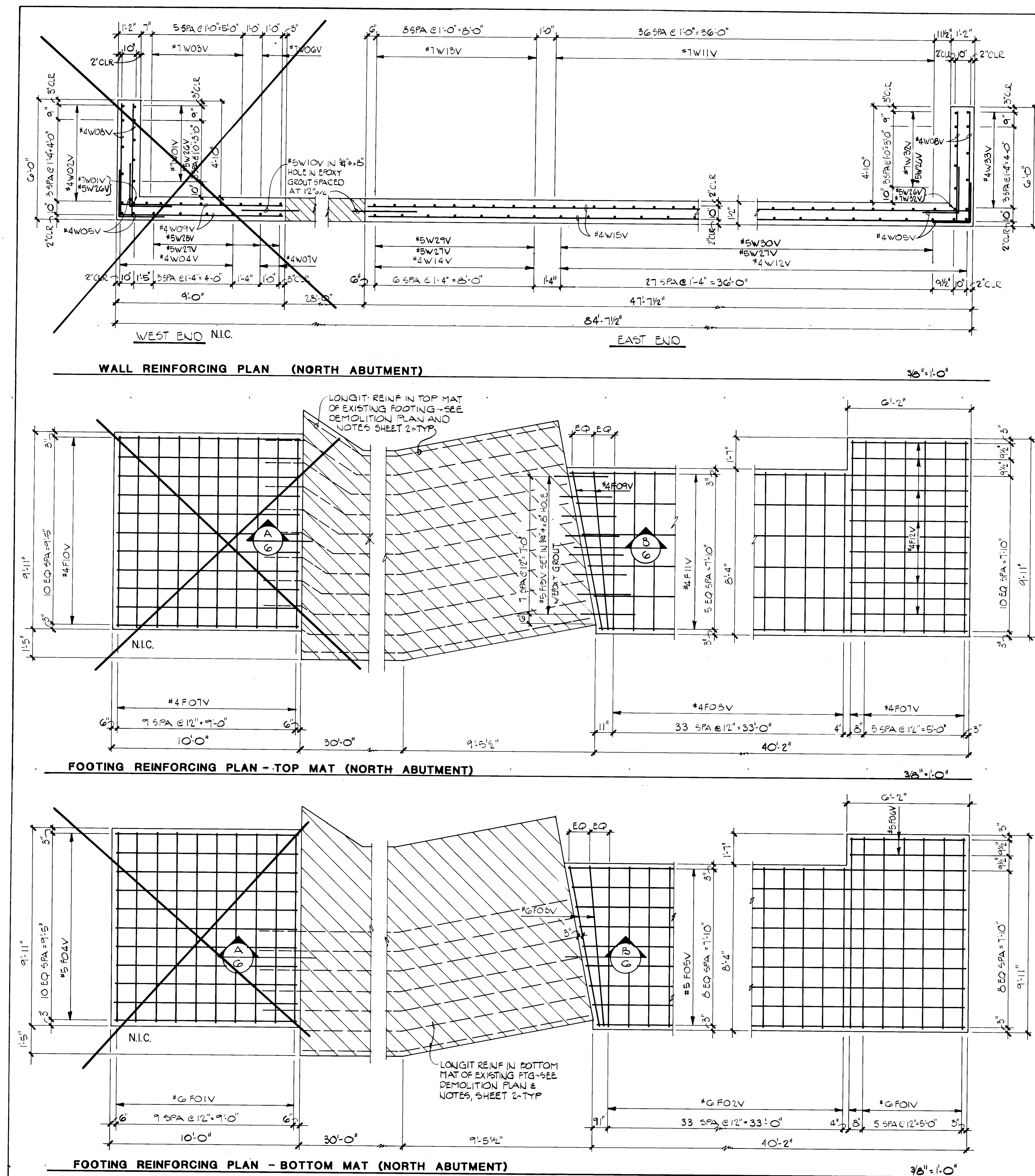
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ALBUQUERQUE,
NEW MEXICO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
VENTURA CROSSING STRUCTURE
CROSSING STRUCTURE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	ALH	7/23/87	Liquid Waste	WJW	2-10-87
A-C-E Design	Robert J. Hays	4-21-87	Traffic	NADWH	4/21/87
A-E-Hydrology	ALH	4/21/87	Water	WJW	2-10-87

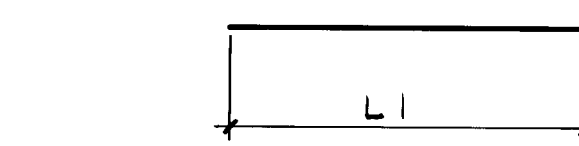
DRAWING NO. 2857 MAP NO. D-20 SHEET 5 OF 11



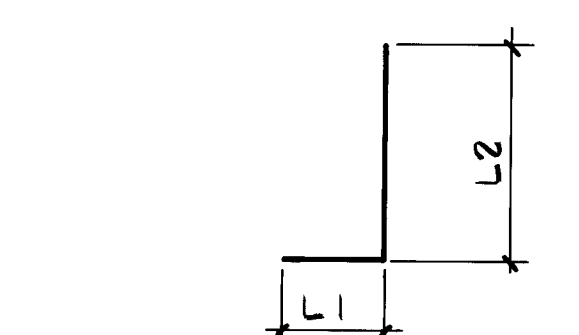
REINFORCING SCHEDULE - NORTH ABUTMENT									
WALL									
MARK	TYPE	L1	L2	L3	L4	QTY	LENGTH		
#4W02V	B	3'4"	8'7"			6	11'11"	1 EACH TO 11'11" BY 1/4" TO 13'0-1/2"	
#7W03V	B	2'0"	8'7"			5	10'0"		
#4W04V	B	2'0"	8'7"			1 EACH TO 10'7" BY 5/16" TO 10'8-9/16"	10'7" BY 5/16" TO 10'8-9/16"	6 TOTAL	
#4W05V	B	2'0"	2'0"			23	4'0"		
#7W06V	A	8'8"				2	8'8"	23	5'8"
#4W07V	A	8'8"				2	8'8"		
#4W08V	A	5'8"				23	5'8"	25	8'8"
#4W09V	A	8'8"				25	8'8"		
#5W10V	A	3'0"				3'0"	3'0"	6	5'0"
#5W26V	A	1'5"				6	5'0"		
#5W27V	C	10"	7"	7"	1'11-1/2" TO 2'1-1/16"	1 EACH TO 3'11-1/2" TO 4'1-1/2"	3'11-1/2" TO 4'1-1/2"	6 TOTAL	5'16"
#7W32V	B	3'4"	8'2"			6	11'6"		
#4W33V	B	2'0"	8'2"			5	10'2"	23	4'0"
#4W05V	B	2'0"	2'0"			23	4'0"		
#4W08V	A	5'8"				23	5'8"	10	3'0"
#5W10V	A	3'0"				10	3'0"		
#7W11V	B	4'4"	8'11-3/4" TO 8'12-3/4"			1 EACH TO 13'3-3/4" BY 1/4" TO 12'6-3/4"	13'3-3/4" BY 1/4" TO 12'6-3/4"	1 EACH TO 10'11-11/16" BY 5/16" TO 10'12-5/8"	8'9/16"
#4W12V	B	2'0"	8'11-11/16" TO 8'12-5/8"			30 TOTAL	10'11-11/16" BY 5/16" TO 10'12-5/8"		
#7W13V	A	9'3" TO 9'0"				1 EACH TO 9'3" BY 3/8" TO 9'0"	9'3" BY 3/8" TO 9'0"	1 EACH TO 9'3" BY 7/16" TO 9'0-3/8"	24'8"
#4W14V	A	9'3" TO 9'0-3/8"				7 TOTAL	9'3" BY 7/16" TO 9'0-3/8"		
#4W15V	A	2'4'8"				2 PER RUN 25 RUNS 50 TOTAL	24'8"	1 EACH TO 4'6-3/4" BY 5/16" TO 4'4-1/2"	2'4-1/2"
#5W26V	A	5'0"				6	5'0"		
#5W27V	A	1'5"	4'0"			35	5'5"	1 EACH TO 2'6-3/4" TO 2'4-1/2"	1 EACH TO 4'6-3/4" BY 5/16" TO 4'4-1/2"
#5W29V	C	10"	7"	7"	2'6-3/4" TO 2'4-1/2"	7 TOTAL	2'6-3/4" TO 2'4-1/2"		
#5W30V	C	10"	7"	7"	2'4-1/2" TO 1'7-5/8"	1 EACH TO 2'4-1/2" BY 5/16" TO 3'7-5/8"	2'4-1/2" TO 3'7-5/8"	25 TOTAL	3'7-5/8"

FOOTING									
MARK	TYPE	L1	L2	L3	L4	QTY	LENGTH		
#6F01V	A	9'7"				7	9'7"	34	8'0"
#6F02V	A	8'10"				2	8'10"		
#6F03V	A	8'2"				2	8'2"	11	NIC.
#6F04V	A	9'8"				11	9'8"		
#5F05V	A	3'9'10" TO 4'1'4"				1 EACH TO 3'9'10" BY 2-1/4" TO 4'1'4"	3'9'10" BY 2-1/4" TO 4'1'4"	1 EACH TO 3'9'10" BY 3-1/2" TO 4'1'3-1/2"	7
#5F06V	A	5'10"				2	5'10"		
#4F07V	A	9'7"				7	9'7"	34	8'0"
#4F08V	A	8'10"				2	8'10"		
#4F09V	A	8'2"				2	8'2"	11	NIC.
#4F10V	A	9'8"				11	9'8"		
#4F11V	A	3'9'10" TO 4'1'3-1/2"				1 EACH TO 3'9'10" BY 3-1/2" TO 4'1'3-1/2"	3'9'10" BY 3-1/2" TO 4'1'3-1/2"	6 TOTAL	3'0"
#4F12V	A	5'10"				7	5'10"		
#5F13V	A	3'0"				8	3'0"	8	3'0"

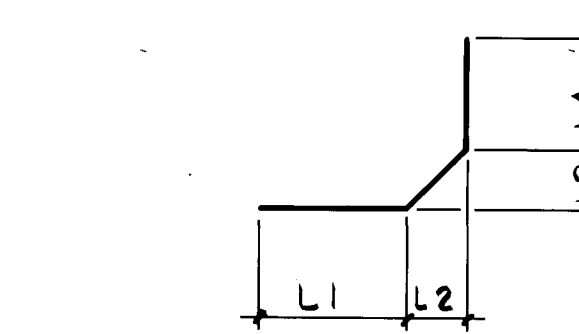
REINFORCING DETAILS



TYPE A



TYPE B



TYPE C

N.I.C. = NOT IN CONTRACT

NOTE: BEFORE CONSTRUCTION BEGINS, VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN ON EXISTING CONSTRUCTION. IF EXISTING CONDITIONS ARE NOT AS SHOWN, NOTIFY ENGINEER SO THAT MODIFICATIONS, IF NECESSARY, CAN BE MADE BEFORE CONSTRUCTION BEGINS.

RECORD DRAWINGS

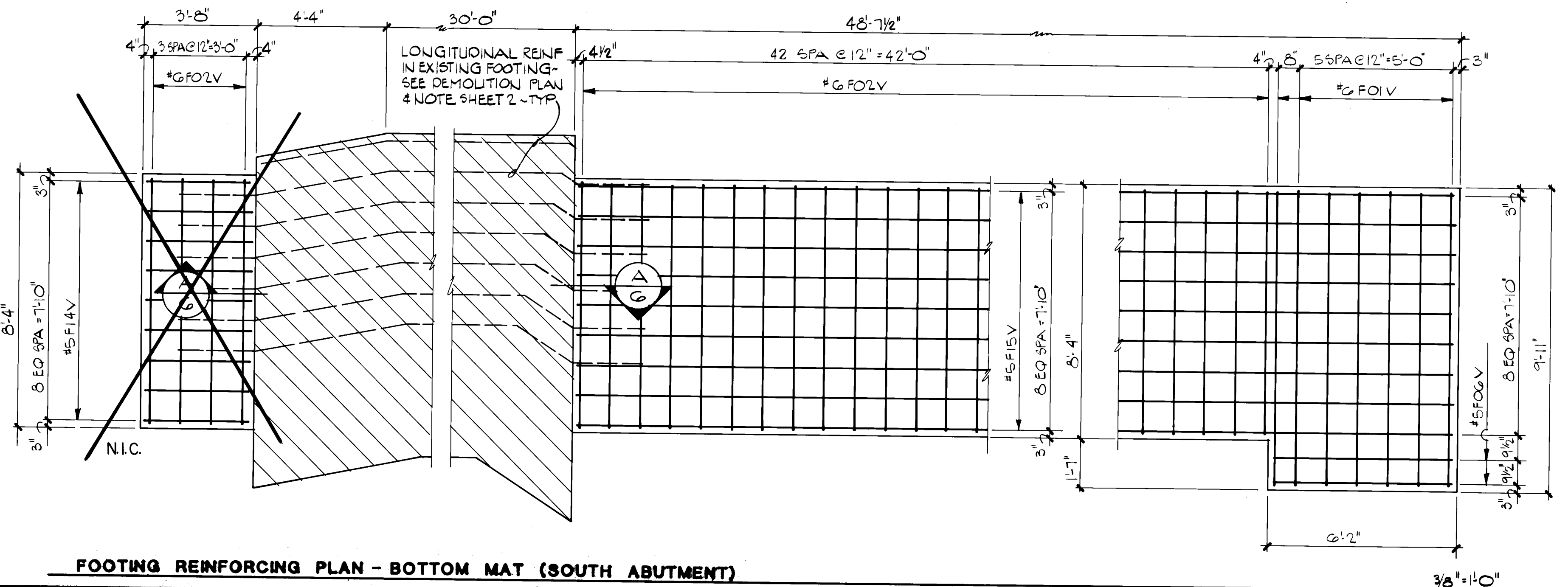
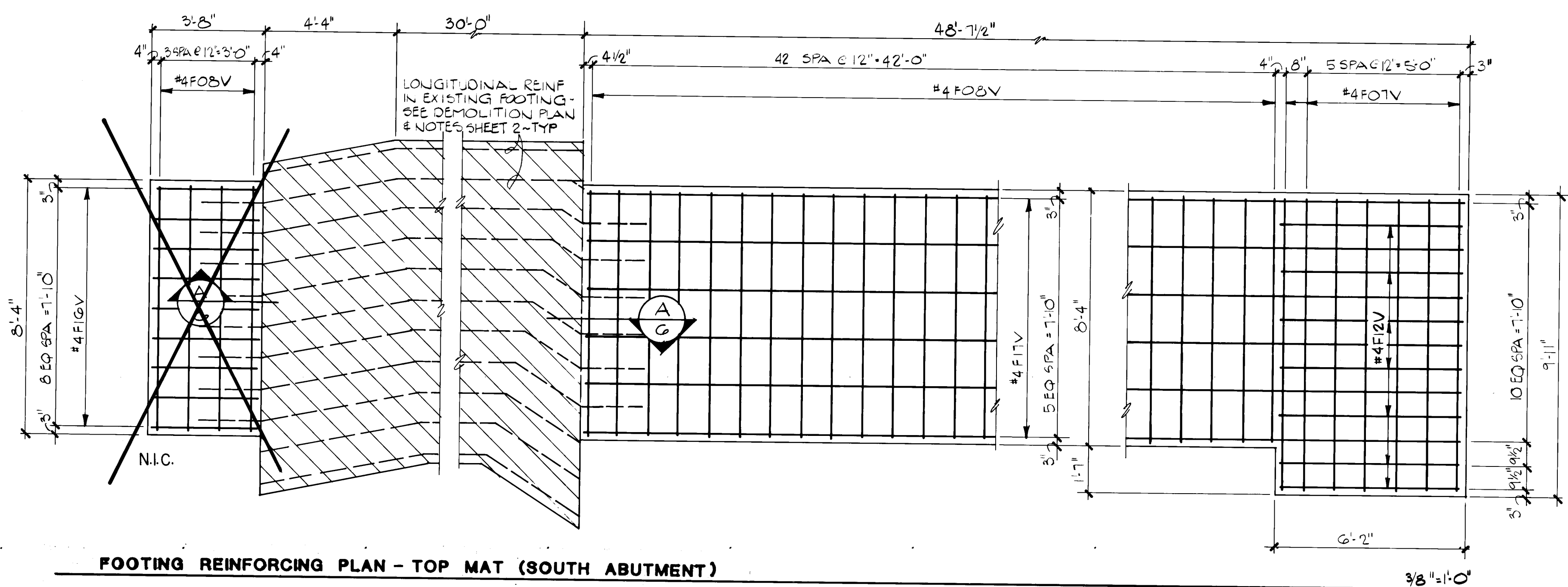
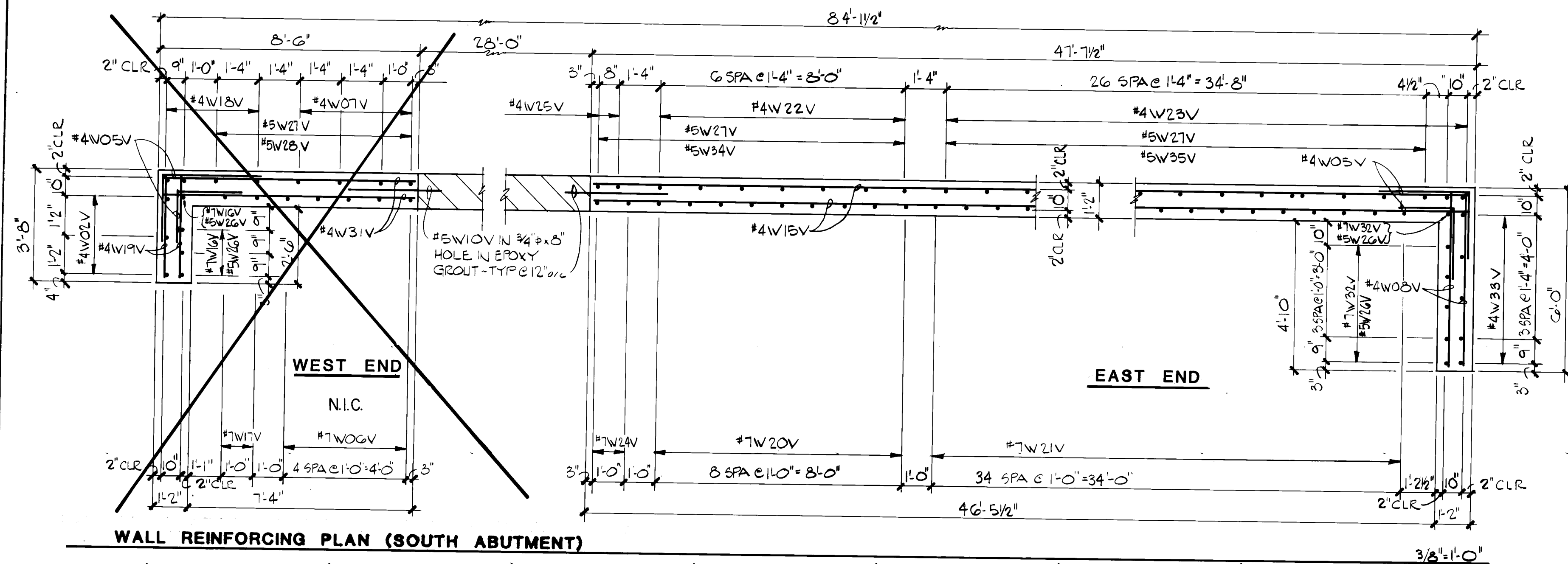
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ALBUQUERQUE,
NEW MEXICO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
VENTURA CROSSING STRUCTURE
REINFORCING PLANS - NORTH ABUTMENT

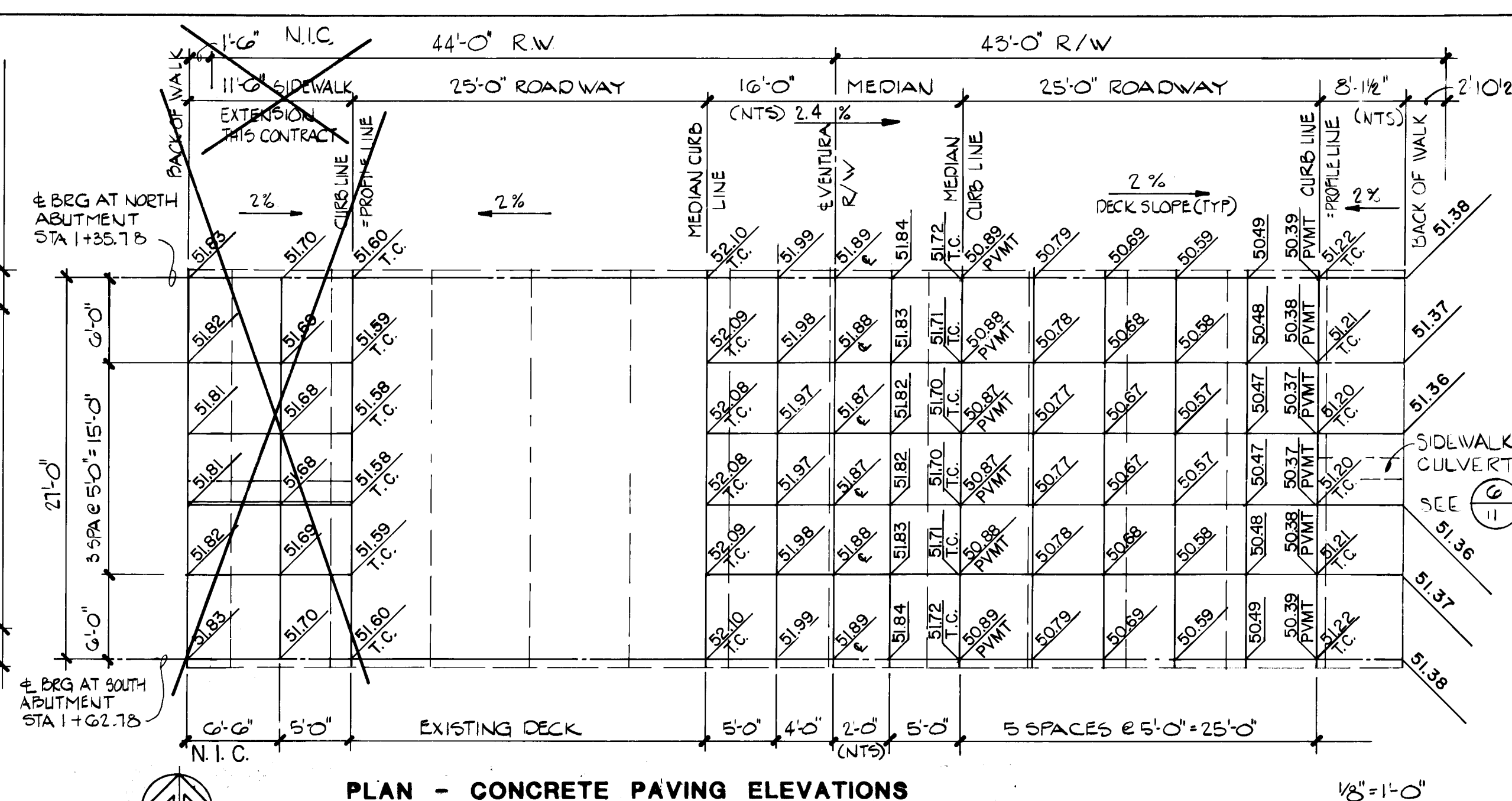
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/2/87	Liquid Waste	WJW	2-10-87
Design	<i>[Signature]</i>	4/21/87	Traffic	NADWH	4/6/87
Hydrology	<i>[Signature]</i>	4/21/87	Water	WJW	2-10-87

DRAWING NO. 2857 MAP NO. D-20 SHEET 7 OF 11



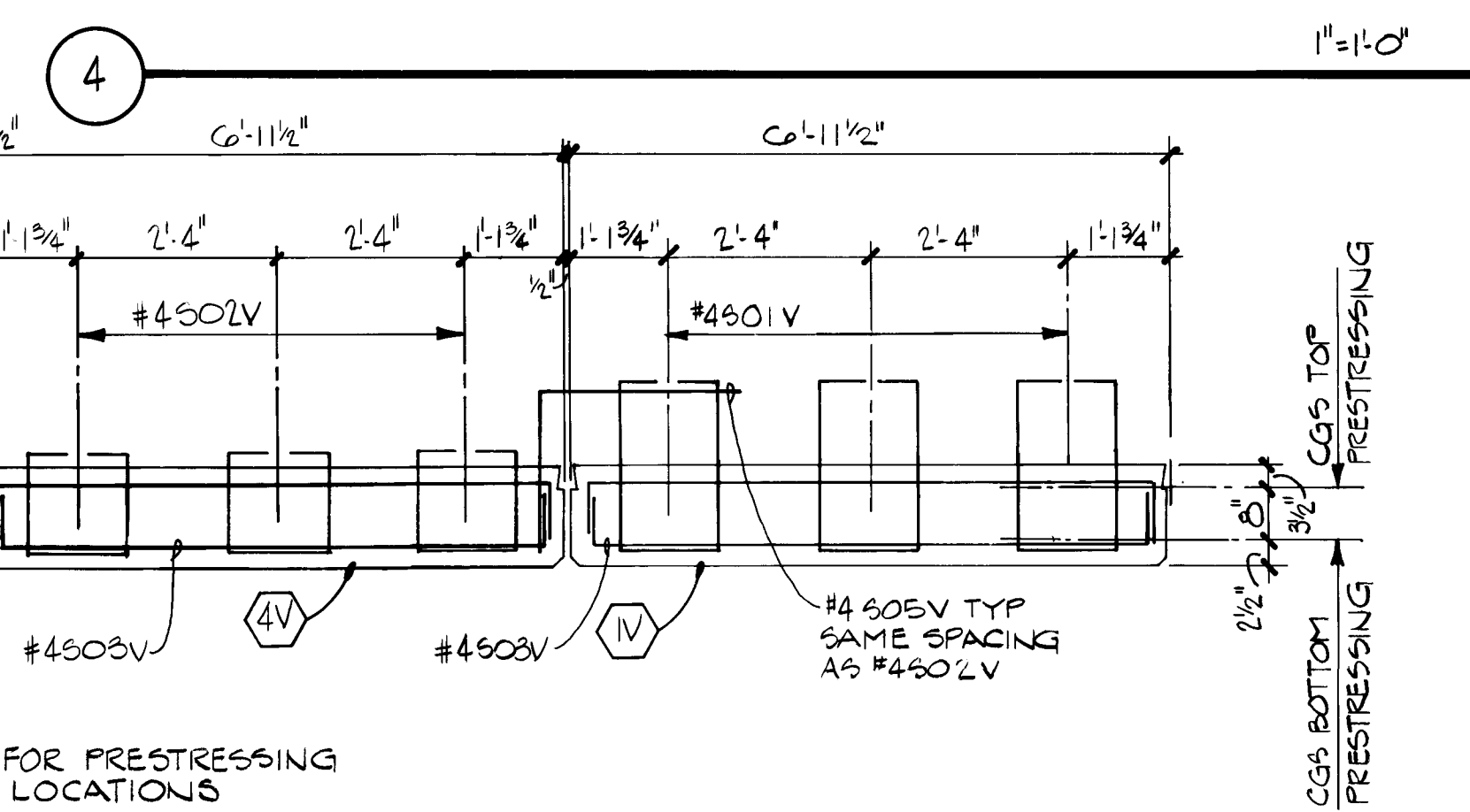
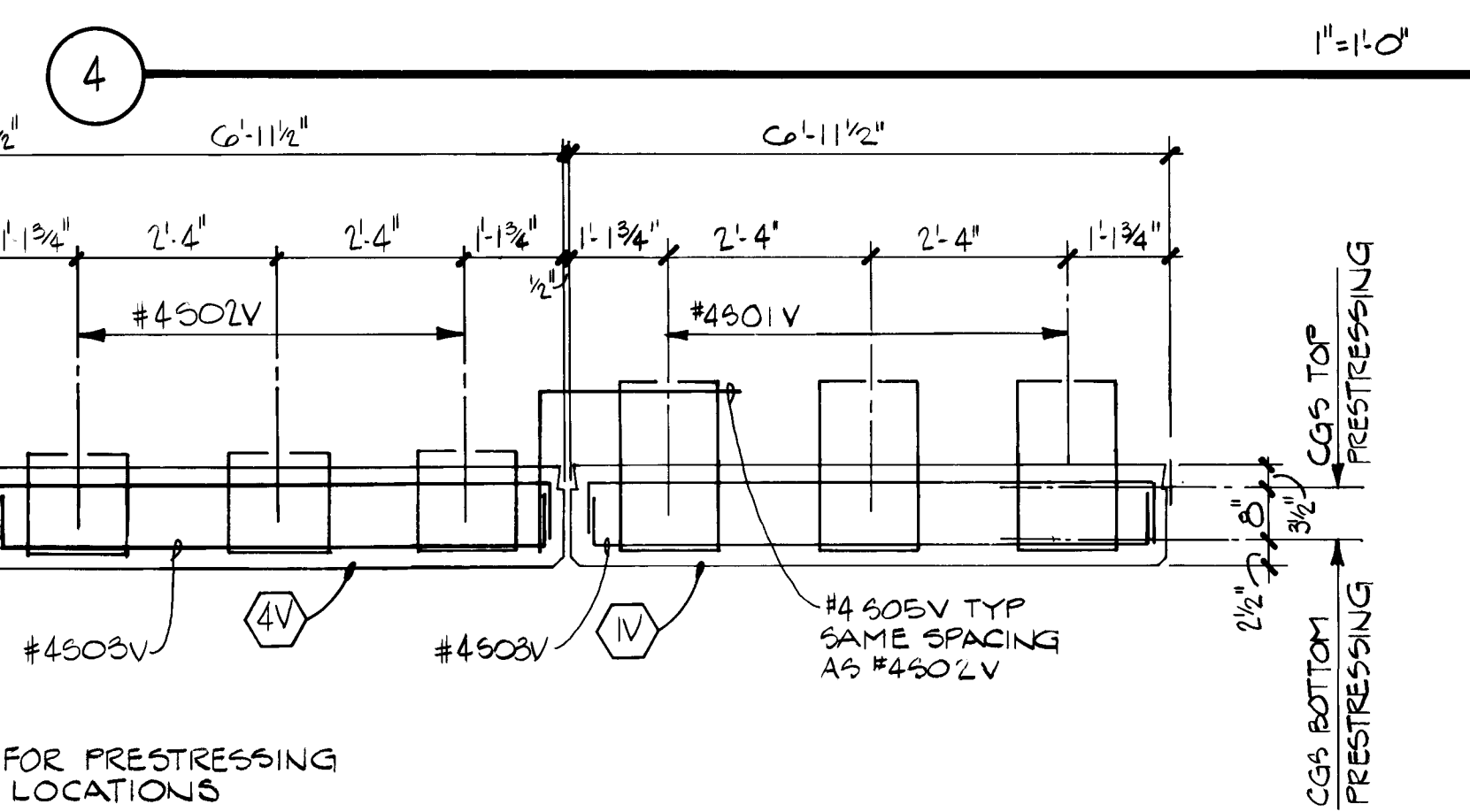
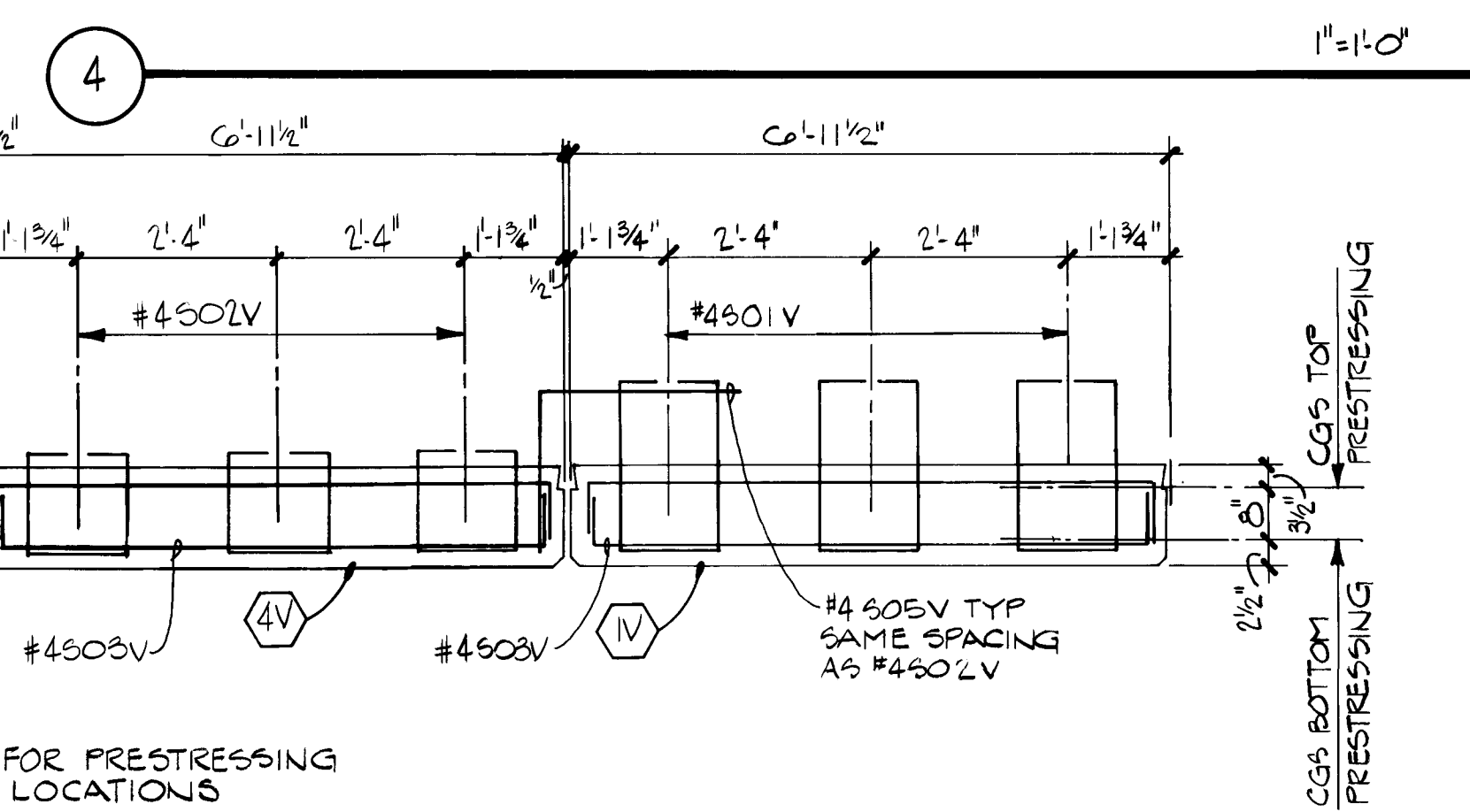
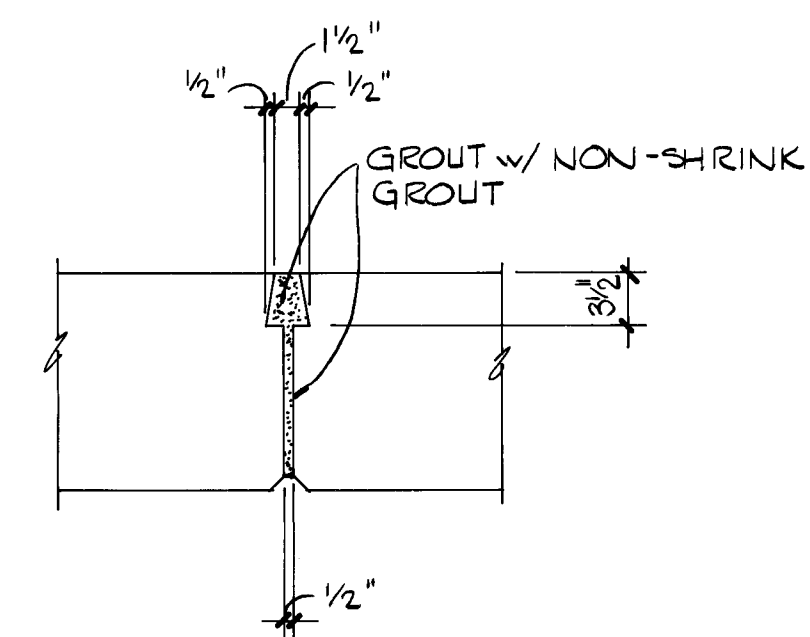
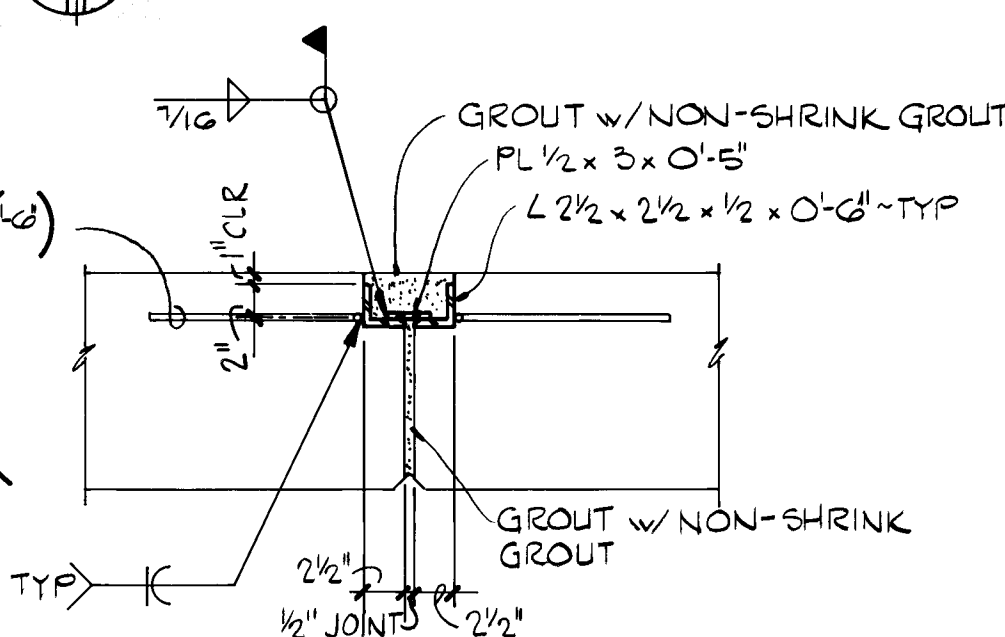
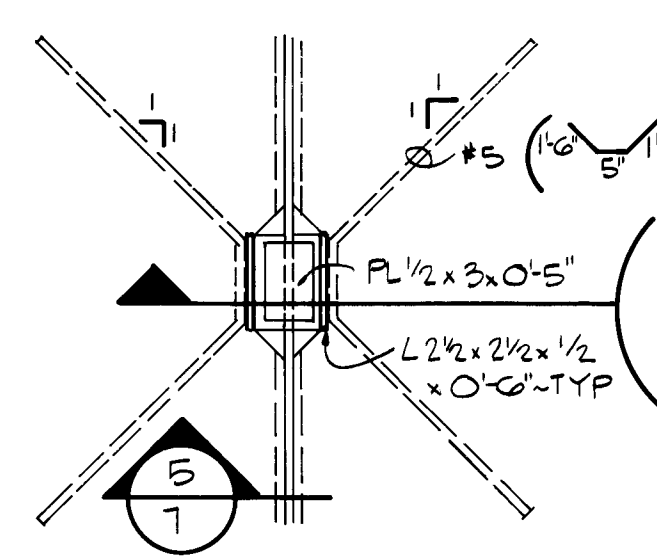
REINFORCING SCHEDULE - SOUTH ABUTMENT							
WALL							
MARK	TYPE	L1	L2	L3	L4	QTY	LENGTH
#4W02V	A	10'	8'7"			3	10'
#4W05V	B	2'	2'0"			23	4'0"
#7W06V	A	8'8"					8'8"
#4W07V	A	8'8"				4	8'8"
#5W10V	A	3'0"				10	3'0"
#7W16V	B	2'6"	8'7"			4	11'1"
#7W17V	B	4'4"	8'8"			2	13'0"
#4W18V	B	2'0"	8'7" TO 8'7-1/2"			1 EACH 4 TOTAL	10'7" BY 5/16" TO 10'7-15/16"
#4W19V	A	3'4"				23	3'4"
#5W26V	A	5'0"					5'0"
#5W27V	A					6	1'5"
#5W28V	A	10"	7" 7"		1'11-1/2" TO 2'1-1/16"	1 EACH 7 TOTAL	10'11-1/2" BY 5/16" TO 2'1-1/16"
#4W31V	A	8'2"				25	8'2"
#7W32V	B	3'4"	8'2"			6	11'6"
#4W33V	B	2'0"	8'2"			5	10'2"
#4W05V	B	2'0"	2'0"			23	4'0"
#4W08V	A	5'8"				23	5'8"
#7W20V	B	4'4"	9'3" TO 9'0"			1 EACH 9 TOTAL	13'7" BY 3/8" TO 13'4"
#7W21V	B	4'4"	8'11-3/4" TO 8'3-1/4"			1 EACH 35 TOTAL	13'3-3/4" BY 1/4" TO 12'1-1/4"
#4W22V	B	2'0"	9'3" TO 9'0"			1 EACH 7 TOTAL	11'3" BY 1/2" TO 11'0"
#4W23V	B	2'0"	8'11-1/2" TO 8'2-3/4"			1 EACH 29 TOTAL	10'11-1/2" BY 5/16" TO 10'2-3/4"
#7W24V	A	9'3"				2	9'3"
#4W25V	A	9'3"				2	9'3"
#5W26V	A	5'0"				6	5'0"
#5W27V	B	1'5"	4'0"			36	5'5"
#5W34V	C	10"	7"	7"	2'6-3/4" TO 2'3-1/4"	1 EACH 9 TOTAL	4'6-3/4" BY 7/16" TO 4'3-1/4"
#5W35V	C	10"	7"	7"	2'2-3/4" TO 1'6-5/8"	1 EACH 27 TOTAL	4'2-3/4" BY 5/16" TO 3'6-5/8"
#5W10V	A	3'0"				10	3'0"
#4W15V	A	24'8"				2 PER RUN 25 RUNS 50 TOTAL	24'8"
FOOTING							
MARK	TYPE	L1	L2	L3	L4	QTY	LENGTH
#6F01V	A	9'7"				7	9'7"
#6F02V	A	8'0"				43	8'0"
#5F06V	A	5'10"				2	5'10"
#5F11V	A	3'4"				9	3'4"
#5F15	A	48'3-1/2"				9	48'3-1/2"
#4F07V	A	9'7"				7	9'7"
#4F08V	A	8'0"				43	8'0"
#4F12V	A	5'10"				7	5'10"
#4F16	A	3'4"				9	3'4"
#4F17	A	48'3-1/2"				6	48'3-1/2"

REINFORCING DETAILS			
TYPE A			
TYPE B			
TYPE C			
N.I.C. = NOT IN CONTRACT			
NOTE: BEFORE CONSTRUCTION BEGINS, VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN ON EXISTING CONSTRUCTION. IF EXISTING CONDITIONS ARE NOT AS SHOWN, NOTIFY ENGINEER SO THAT MODIFICATIONS, IF NECESSARY, CAN BE MADE BEFORE CONSTRUCTION BEGINS.			
RECORD DRAWINGS BACCHUS CONSULTING ENGINEERING STRUCTURAL ENGINEERS ALBUQUERQUE, NEW MEXICO			
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: VENTURA CROSSING STRUCTURE REINFORCING PLANS - SOUTH ABUTMENT			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	7/23/11	Liquid Waste
Design	<i>[Signature]</i>	4/2/17	Traffic
Hydrology	<i>[Signature]</i>	4/2/17	Water
ENGINEER			DATE
DESIGNED BY	BCE	DATE	5-15-87
DRAWN BY	BCE	DATE	5-15-87
CHECKED BY	LKQ	DATE	5-15-87
DRAWING NO. 2857 MAP NO. D-20 SHEET 8 OF 11			



PLAN - PRECAST SLABS

PLAN - CONCRETE PAVING ELEVATIONS



ESTIMATED QUANTITIES (ONE PANEL)				
ITEM	MK (IV)	MK (2V)	MK (3V)	MK (4V)
5000 PSI CONC (CY)	8.42	8.42	8.42	8.42
PRESTRESSING STRAND (LIN. FT)	1008	1008	1008	1008
REINFORCING STEEL (LB)	504	885	437	495
STRUCTURAL STEEL (LB)	80	40	80	80
WEIGHT (TONS)	17.1	17.1	17.1	17.1

N.I.C. = NOT IN CONTRACT

STRUCTURE AND DETAILS		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
APPROVALS	ENGINEER	DATE	NO.	BY	FIELD NOTES	"ACS" Aluminum Cap "5-021", rivetted to an aluminum pipe with the cap projecting 0.1' above the ground. Elevation = 5,650.56. From the intersection of Paseo Del Norte and I-25 go east on Paseo Del Norte 2.7 miles to Holbrook St. N.E. Turn right, go south on Holbrook St. 0.45 mile. The station is located 84.7 ft. east of this point.		CONTRACTOR BENDER CONSTRUCTION	
ic	W	2-10-8							
r	W	2-10-8							
REVISIONS			REMARKS						
DESIGN			BY						
DESIGNED BY	DATE	5-13-87							
DRAWN BY	DATE	5-13-87							
CHECKED BY	DATE	5-13-87							
MICRO-FILM INFORMATION									
RECORDED BY									
DATE									

26 28571088
RECORD DRAWINGS



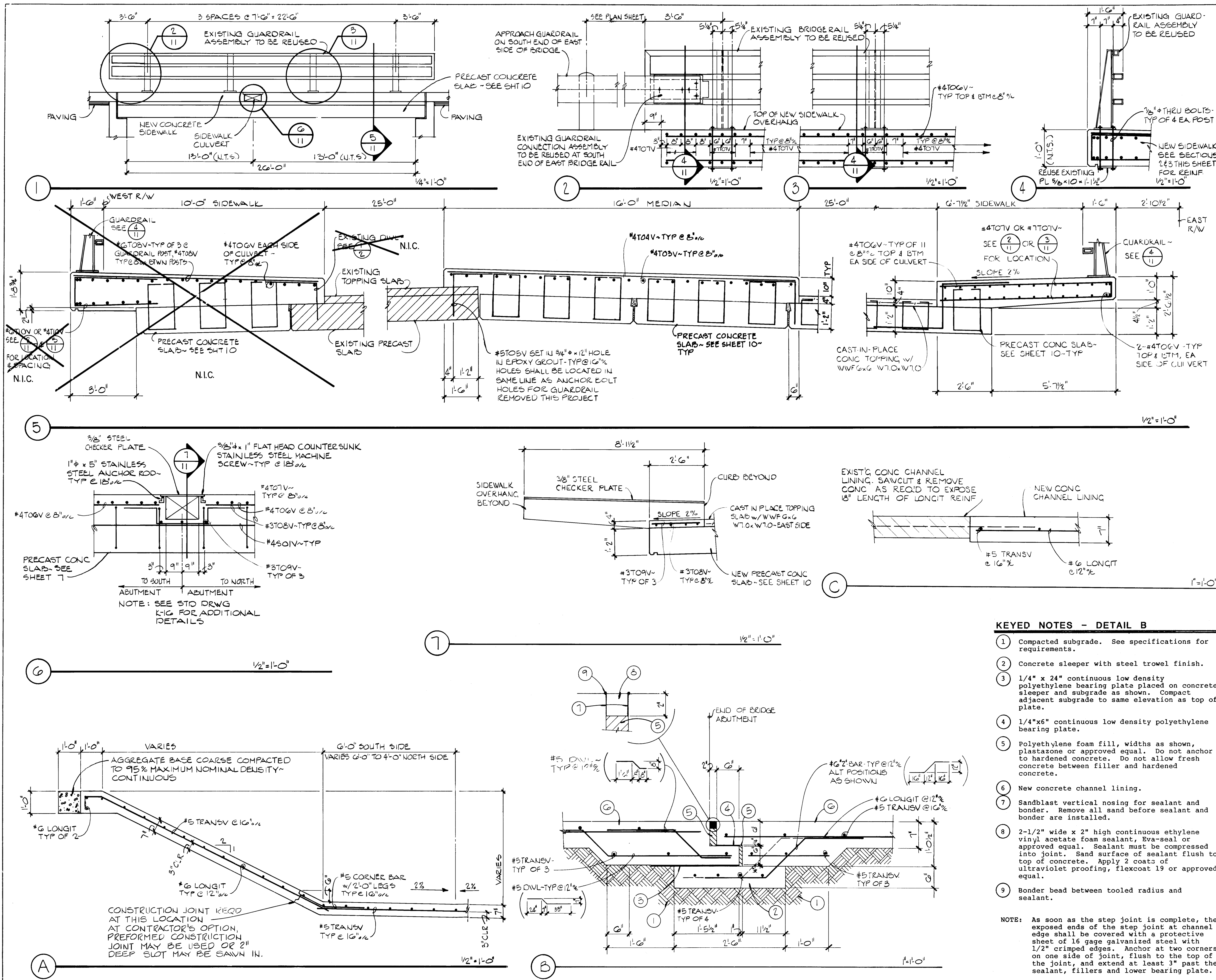
BACCHUS
CONSULTING ENGINEERING
STRUCTURAL ENGINEERS
ALBUQUERQUE,
NEW MEXICO

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
VENTURA CROSSING STRUCTURE
SUPERSTRUCTURE PLANS AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/29/01	Liquid Waste	J/W	2-10-8
ACE-Design	<i>[Signature]</i>	4-21-17	Traffic	NADWH	4/21/8
ACE-Hydrology	<i>[Signature]</i>	4/21/87	Water	D/W	2-10-8

DRAWING NO.	2857	MAP NO.	D-20	SHEET	10	OF	11
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N.I.C. = NOT IN CONTRACT

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		RECORD DRAWINGS		CITY OF ALBUQUERQUE		VENTURA CROSSING STRUCTURE		APPROVALS		ENGINEER		DATE		SHEET		OF	
CONTRACTOR	INSTRUMENTED	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	11	11	11	11
CONTRACTOR	INSTRUMENTED	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	11	11	11	11
CONTRACTOR	INSTRUMENTED	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	11	11	11	11
CONTRACTOR	INSTRUMENTED	DATE	DATE	NO.	BY	DATE	DATE	NO.	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	11	11	11	11