

DRAWING NUMBER

SACD PRODUCTS • NEW HOPE, MINNESOTA
12000 1/2" X 18" DRAWING BOARD
12000 1/2" X 18" DRAWING BOARD

DRAWING NUMBER

SACD PRODUCTS • NEW HOPE, MINNESOTA
12000 1/2" X 18" DRAWING BOARD
12000 1/2" X 18" DRAWING BOARD

DRAWING NUMBER

26 3781 0189

SACD PRODUCTS • NEW HOPE, MINNESOTA
12000 1/2" X 18" DRAWING BOARD
12000 1/2" X 18" DRAWING BOARD

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SACD PRODUCTS • NEW HOPE, MINNESOTA
12000 1/2" X 18" DRAWING BOARD
12000 1/2" X 18" DRAWING BOARD

CITY OF ALBUQUERQUE

CONSTRUCTION PLANS FOR

EL OSO GRANDE BIKE TRAIL BETWEEN JUAN TABO BLVD. AND EUBANK BLVD

CLASS I AND CLASS II CONSTRUCTION

Class I

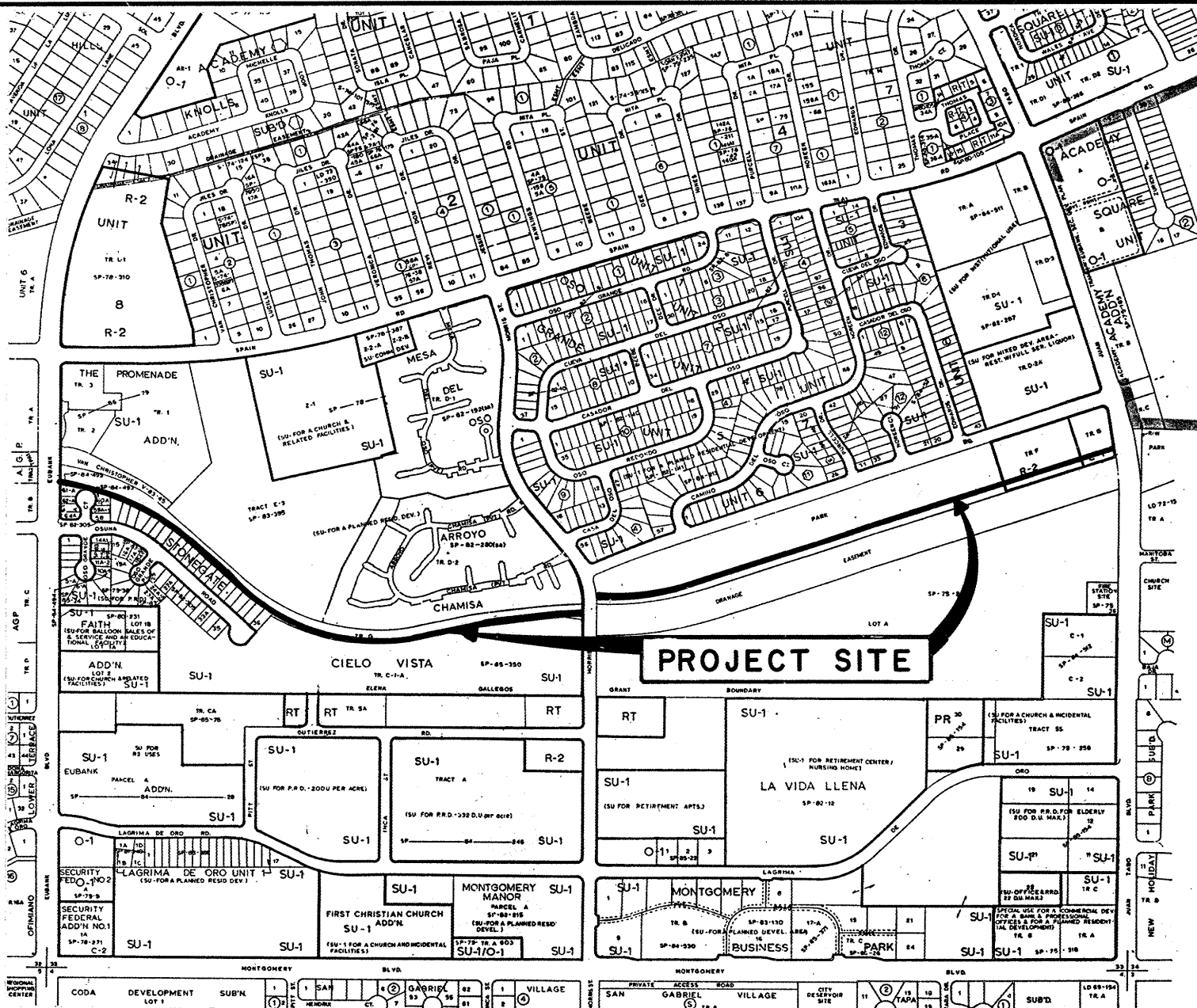
Bidder Shall Be Responsible for Asphalt Work, Subbase Preparation

Class II

City Will Perform Earthwork Rough Grading, Subgrade Preparation, Drainage Structures, Handrails, Gates, Bollards and Mower Curb.

INDEX TO DRAWINGS

1. TITLE SHEET, VICINITY MAP, GENERAL NOTES
2. BIKE TRAIL P & P, STA. 0+00 TO STA. 9+91.29
3. BIKE TRAIL P & P, STA. 9+91.29 TO STA. 19+65.22
4. BIKE TRAIL P & P, STA. 19+65.22 TO STA. 27+68.32
5. BIKE TRAIL P & P, STA. 27+88.32 TO STA. 39+19.91
6. BIKE TRAIL P & P, STA. 39+19.91 TO STA. 49+03.84
7. BIKE TRAIL P & P, STA. 49+03.84 TO STA. 54+76.83
8. THRU 12. DRAINAGE CROSSING DETAILS
13. BIKE TRAIL SECTIONS



VICINITY MAP

F-21

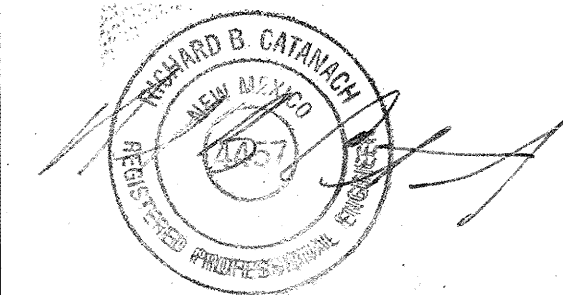
GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except otherwise stated or provided for hereon, be constructed in accordance with the "City of Albuquerque Standard Specifications for Public Works Construction, 1986."
2. Two working days prior to any excavation, Contractor must contact Line Locating Service, 765-1234, for the location of existing utilities.
3. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all existing utilities and potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
4. All work on this project shall be performed in accordance with applicable Federal, State and local laws, rules and regulations concerning construction safety and health.
5. Unless otherwise provided by OWNER as part of the construction plans, a complete signing and barricading detour plan shall be prepared by the CONTRACTOR when any portion of the work is in the public rights-of-way. The plan shall be submitted to the TRAFFIC ENGINEERING DIVISION for approval three working days in advance of construction to receive a barricading permit.
6. Where removal of existing curb and gutter, sidewalk or pavement is required, the Contractor shall sawcut and/or remove to the nearest joint. Curb and gutter shown as existing and not to be removed under this contract which is damaged or displaced by the Contractor shall be removed and replaced by the Contractor at the Contractor's expense.
7. Backfill compaction shall be according to specified street use.
8. 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.
9. All storm drainage facilities shall be completed prior to final acceptance.
10. Contractor is responsible for damage to any infrastructure at El Oso Grande Park, Project No. 3751.

11. Two days prior to construction, contractor must contact AMAFCA (884-2215)

1 2 3 4 5 6 7 8 9 10 11 12
26 3781 0189

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 6/2/89



TEC TIERRA
ENGINEERING
CONSULTANTS
INC.
SANTA FE & ALBUQUERQUE N.M.

PROJECT NO 3781

APPROVED FOR
CONSTRUCTION
DATE 6-9-89

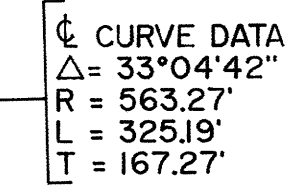
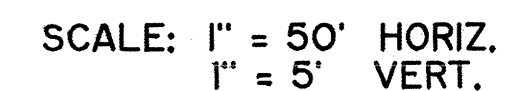
SHEET 1 OF 13

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6553

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6553

SAFECO PRODUCTS • NEW HOPE, MINNESOTA
RECORDED BY DEPT. NUMBER 9553

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
 PEOPLE BY PART NUMBER 5555



SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	ACS STA.	11-721	ELEVATION 5669.856	CONTRACTOR	PADE
			A 60-PENNY NAIL IN POWER POLE #NE-74. LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA GALLEGOS GRANT. 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF BM 10-F21).			WORK DONE BY INSPECTORS	COA
						PERMIT NO. BY ROUTE	DATE
						VERIFICATION BY	DATE
						CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	DATE

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REVISIONS LISTED BY DATE ON THIS LINE

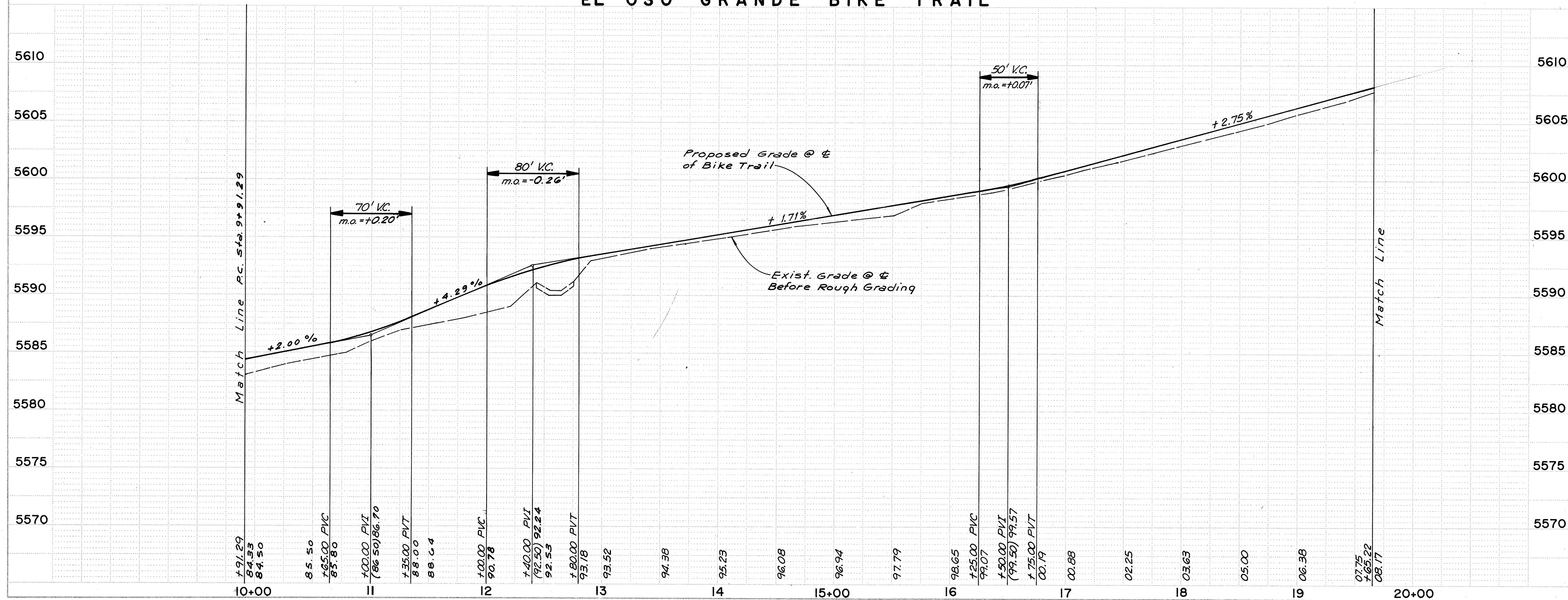
SARCO PRODUCTS • NEW HOPE, MINNESOTA
REVISIONS LISTED BY DATE ON THIS LINE

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REVISIONS LISTED BY DATE ON THIS LINE

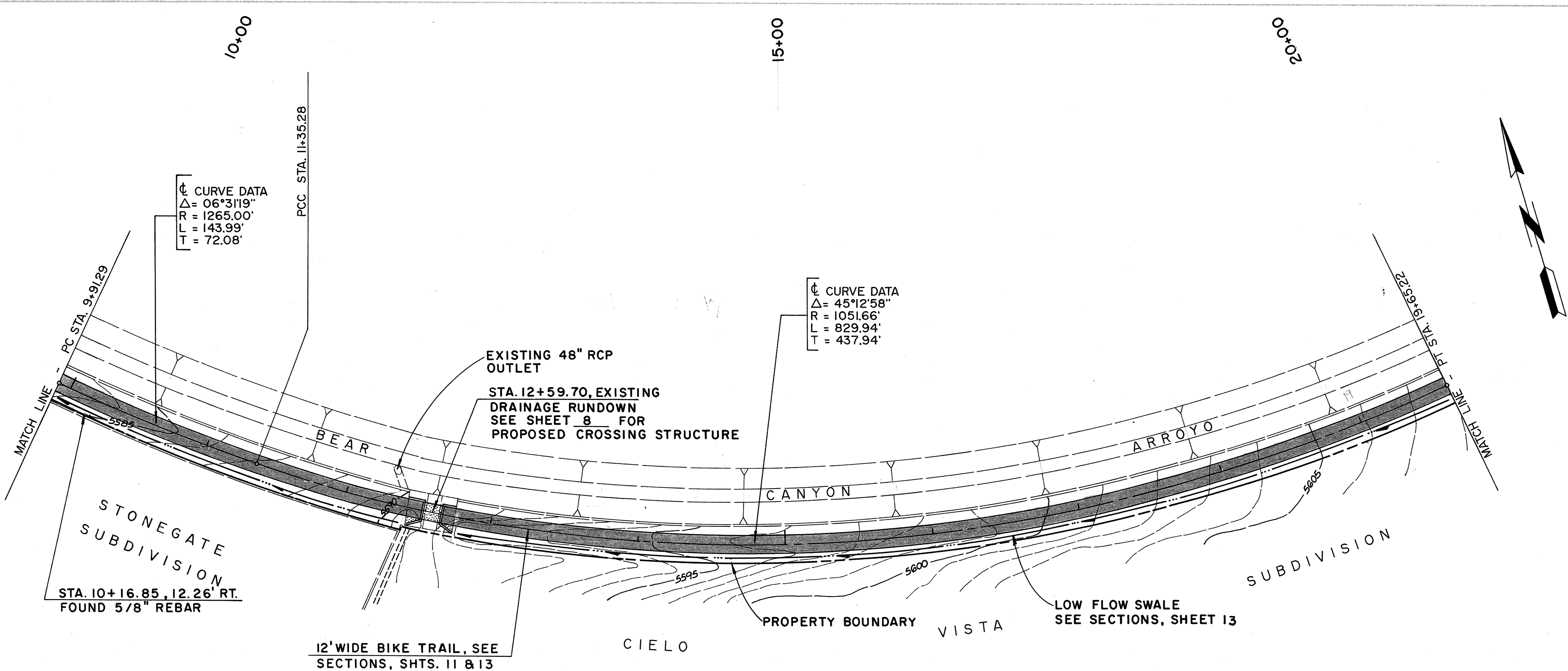
SARCO PRODUCTS • NEW HOPE, MINNESOTA
REVISIONS LISTED BY DATE ON THIS LINE

10+00

5610
5605
5600
5595
5590
5585
5580
5575
5570



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



1	2	3	4	5	6	7	8	9	10	11	12
26	37	81	03	81	11	11					

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

EL OSO GRANDE BIKE TRAIL
STA. 9+91.29 TO STA. 19+65.22

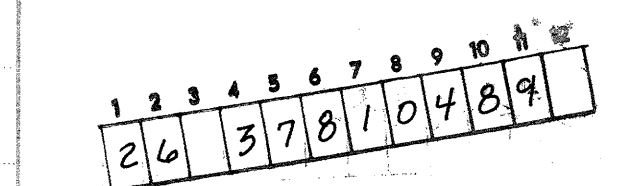
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Robert J. Smith	6/1/89			
Trans. Dev.					
Utility Dev.					
DESIGNED BY	G.A.	JAN. 1989			
DRAWN BY	J.V.	JAN. 1989			
CHECKED BY	G.A.	JAN. 1989			

DRAWING NO. 3781

MAP NO. F-21

SHEET 3 OF 13

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	BY	DATE	ACS STA. 11-F21	ELEVATION 5669.856	CONTRACTOR PRIDE
REMARKS		FIELD NOTES		A 50-PENNY NAIL IN POWER POLE #18-74. LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA GALLEGOS GRANT, 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF BM 10-F21).		WORK STARTED BY C.O.A.	
DESIGN						DATE 1/1/89	
DESIGNED BY						FIELD ACTION BY	
DRAWN BY						DATE	
CHECKED BY						DATE	



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
EL OSO GRANDE BIKE TRAIL STA. 19+65.22 TO STA. 27+88.32					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Robert J. Gamm</i>	<i>6/9/89</i>			
Trans. Dev.		<i>u</i>			
Utility Dev.	<i>N/A</i>				
<i>PARKS</i>	<i>Stallins</i>	<i>6/13/89</i>			
DRAWING NO.	3781		MAP NO.	E-21	
			SHEET	4	OF 13

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		ACS STA. 11-F21 ELEVATION 5669.856		CONTRACTOR	
				NO.	BY			DATE	WORK DONE BY
REVISIONS		BY						PELPE	
DESIGN								DATE	
DESIGNED BY	G.A.	DATE	JAN. 1989					FIELD PLANCE, ST. R. RULES	
DRAWN BY	J.V.	DATE	JAN. 1989					DATE	
CHECKED BY	C.A.	DATE	JAN. 1989					MICRO-FILM INFORMATION	
								RECORDED BY	
								DATE	
								NO.	
								A 60-PENNY NAIL IN POWER POLE #NB-74.	
								LOCATED IN AN ELECTRIC POWERLINE ALONG	
								THE SOUTH BOUNDARY OF THE ELENA GALLEGOS	
								GRANT, 0.40 MILE WEST OF JUAN TABO	
								BLVD., N.E. (0.20 MILES WEST OF BM 10-	

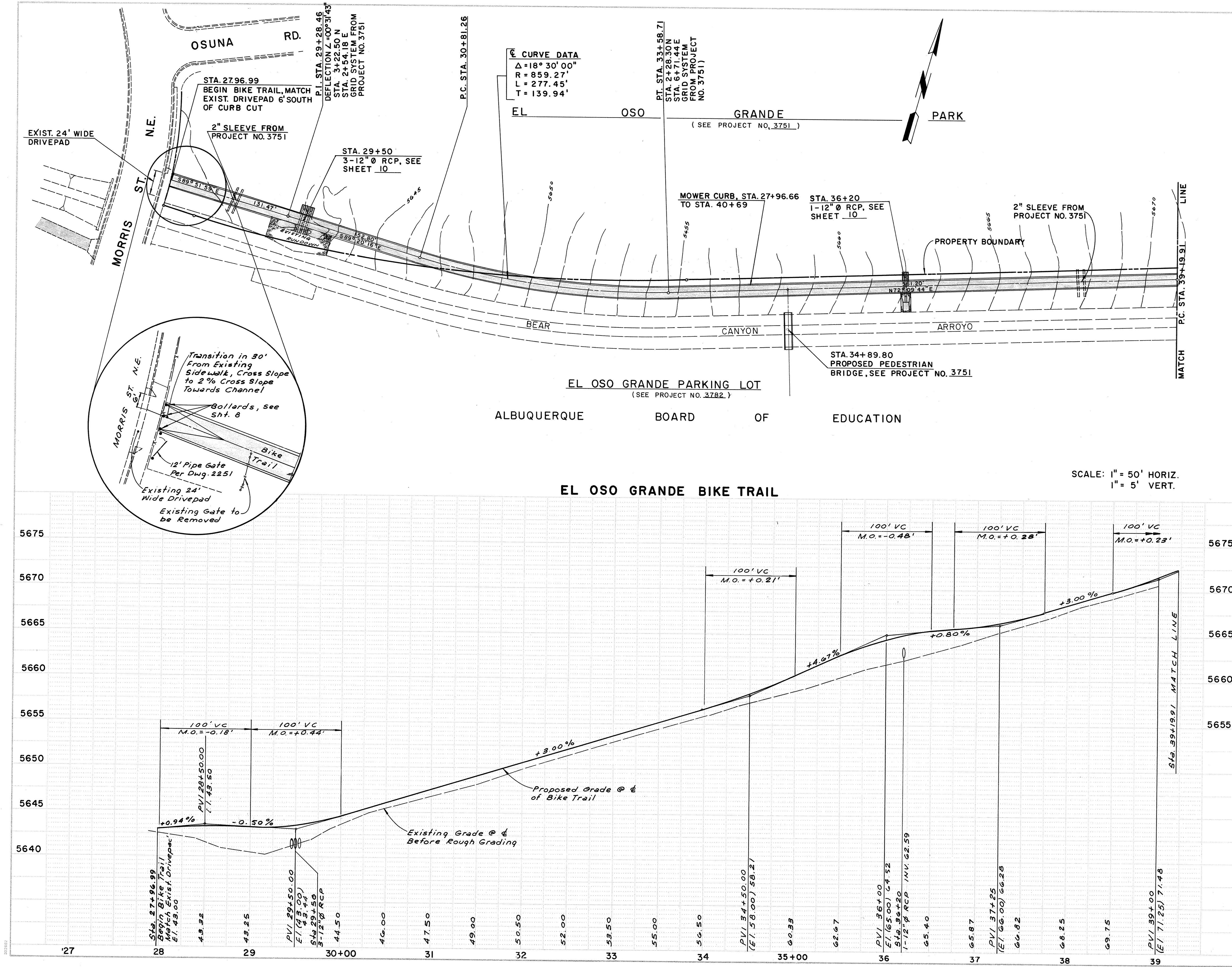
DRAWING NUMBER

DRAWING NUMBER
26 3810589

DRAWING NUMBER

DRAWING NUMBER

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8855
SECTION 100 OF PUBLIC WORKS 100

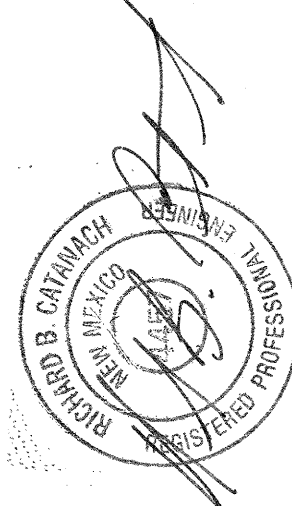


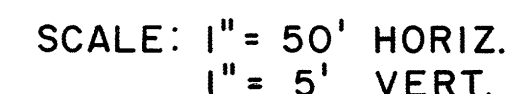
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

1	2	3	4	5	6	7	8	9	10	11	12
26	37	81	06	89							

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL STA. 27+88.32 TO STA. 39+19.91					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Boyer & Green	6/8/89			
Trans. Dev.					
Utility Dev.					
DESIGNED BY	G.A.	DATE	FEB, 1989		
DRAWN BY	A.M.	DATE	FEB, 1989		
CHECKED BY	G.A.	DATE	FEB, 1989		
DRAWING NO.	3781	MAP NO.	F-21	SHEET	5 OF 13

SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
NO.	BY	DATE	ACS STA. 11-F21	ELEVATION	5669.856	CONTRACTOR	PRIDE	DATE
						WORKED BY	C.O.A.	DATE
						INSPECTION	R. RUTLEDGE	1/1/89
						ACCEPTANCE BY		DATE
						VERIFICATION BY		DATE
						DRAWINGS		DATE
						REVISIONS		DATE
						RECORDING		DATE
						NO.		DATE
						NO.		DATE





CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL					
STA. 39+19.91 TO STA. 49+03.84					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Raymond</i>	<i>6/1/11</i>			
Trans. Dev.					
Utility Dev.	<i>n/a</i>				
<i>Varies</i>	<i>Smiley</i>	<i>5/18/11</i>			
DRAWING NO.	3781		MAP NO.	SHEET 6 OF 13	
			F-21		

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

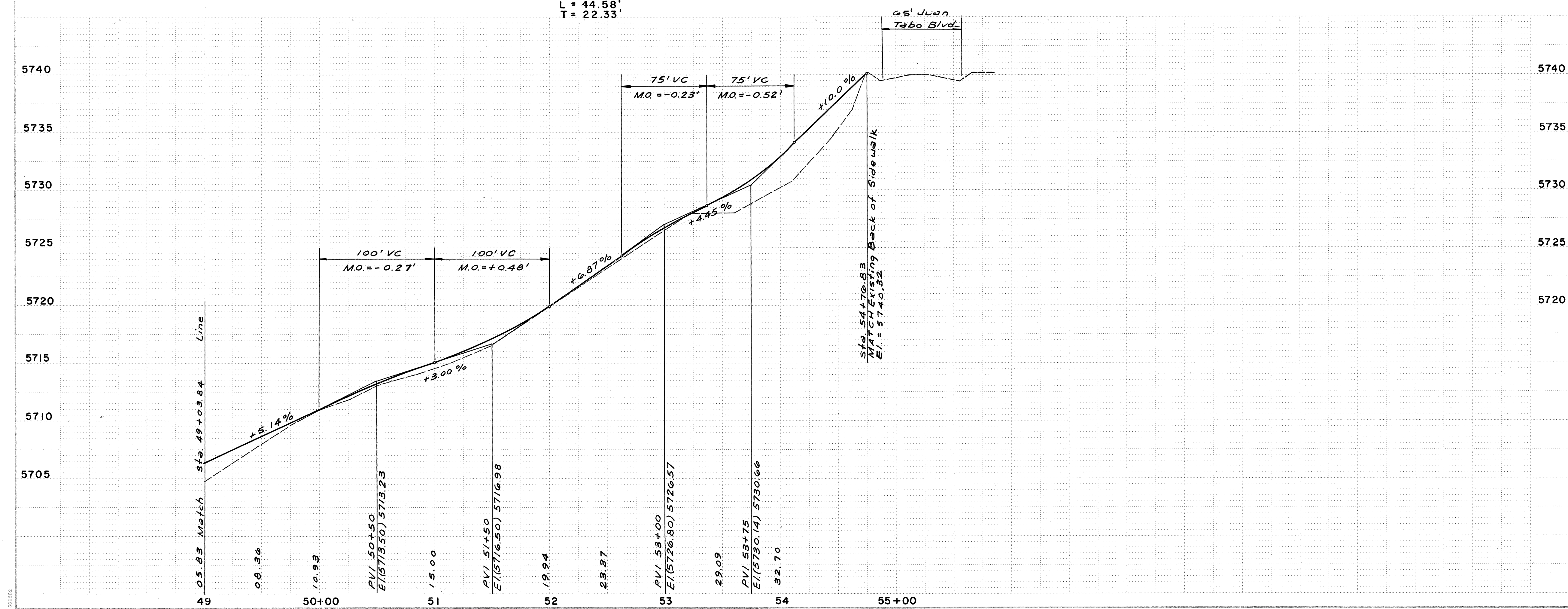
DRAWING NUMBER

SARCO PRODUCTS • NEW HOPE, MINNESOTA
FEDERAL BY PART NUMBER 6555
REVISION 10/1/89

SARCO PRODUCTS • NEW HOPE, MINNESOTA
FEDERAL BY PART NUMBER 6555
REVISION 10/1/89

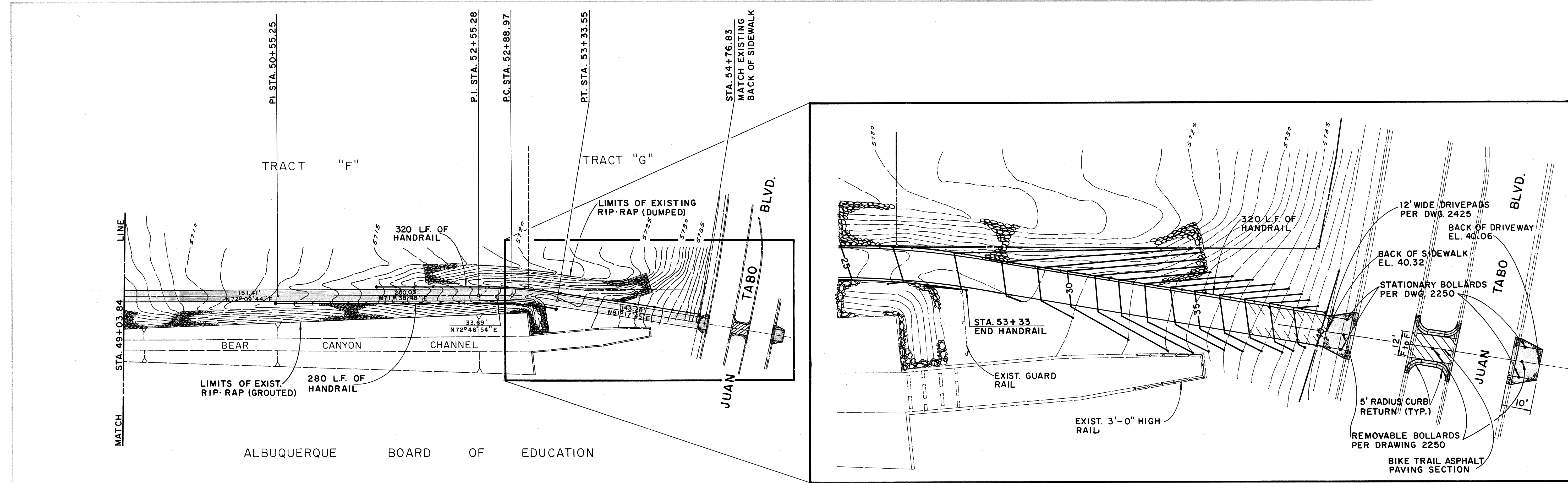
SARCO PRODUCTS • NEW HOPE, MINNESOTA
FEDERAL BY PART NUMBER 6555
REVISION 10/1/89

SARCO PRODUCTS • NEW HOPE, MINNESOTA
FEDERAL BY PART NUMBER 6555
REVISION 10/1/89



¢ CURVE DATA
Δ = 08° 30' 51"
R = 299.98'
L = 44.58'
T = 22.33'

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



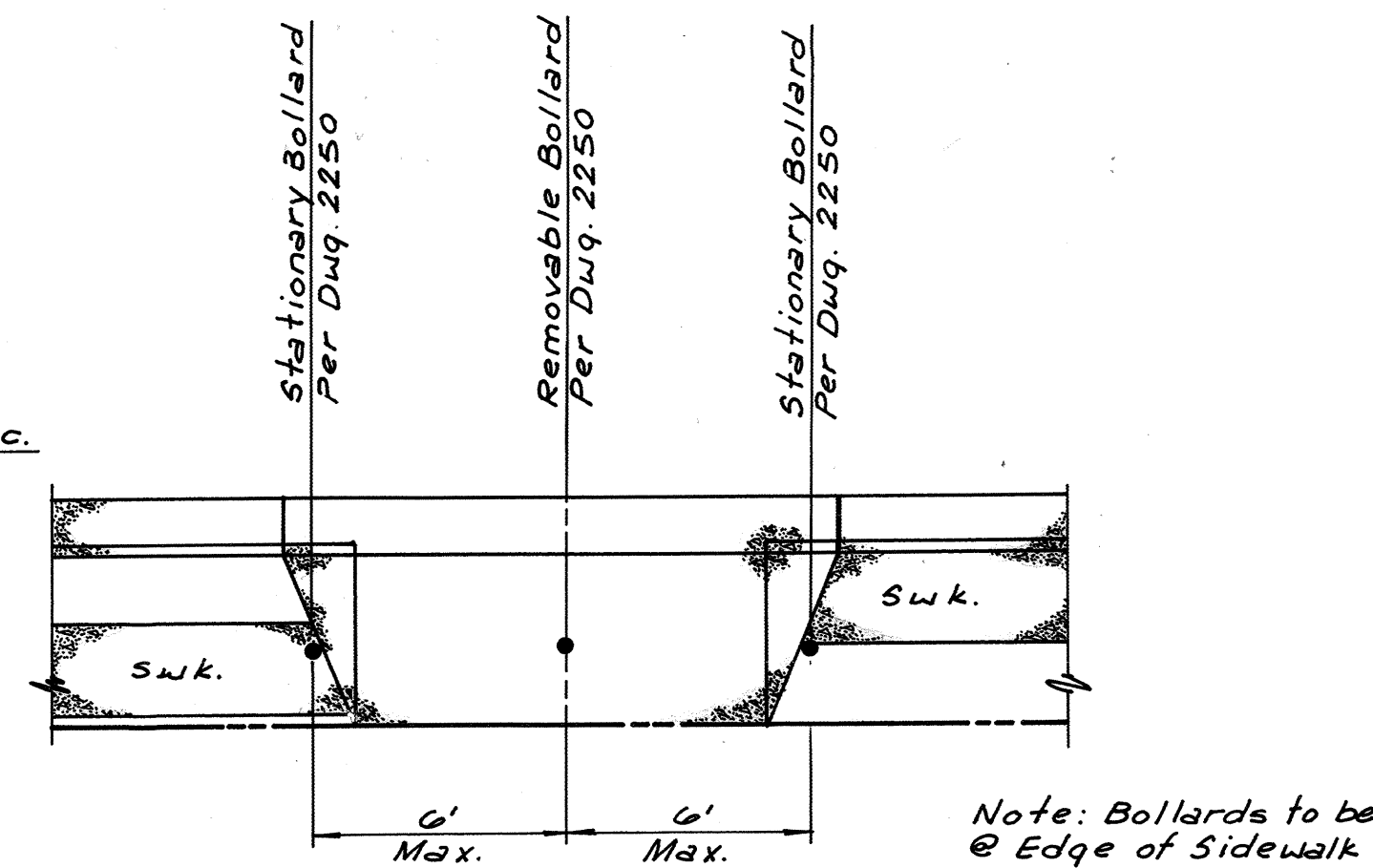
1 2 3 4 5 6 7 8 9 10 11 12
26 37810789

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL STA.49+03.84 TO STA.54+76.83					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Repar. & Rev. 4/1/89				
Trans. Dev.					
Utility Dev.					
PAKES	meu	8/89			
DRAWING NO.	3781	MAP NO.	F-21	SHEET	7 OF 13

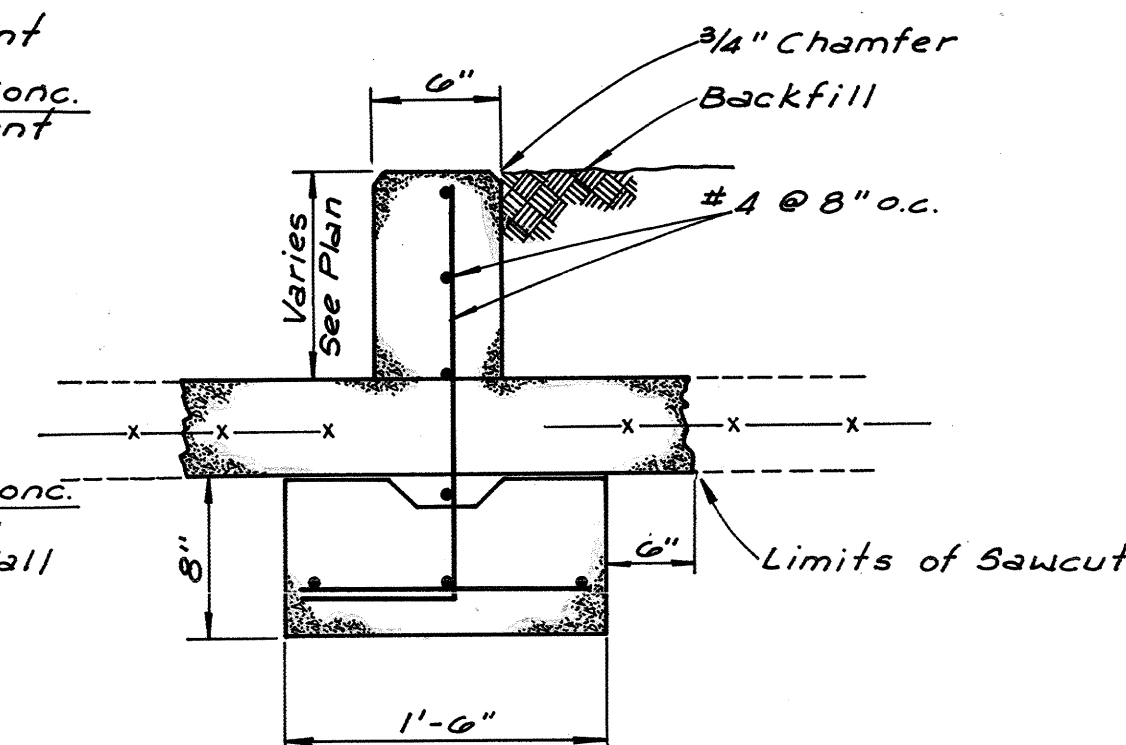
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
REINHOLD CALDWELL REGISTERED PROFESSIONAL ENGINEER NO. 10400 DATE FEB. 1989		FIELD NOTES NO. BY DATE		ACS STA. 11-F21 ELEVATION 5669.856		CONTRACTOR PRIDE C.O.A. DATE 11/89	
REVISIONS NO. DATE		REMARKS BY		A 60-PENNY NAIL IN POWER POLE #NE-74. LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA GALLECOS GRANT, 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF RM 10- F21).		DATE DATE DATE DATE	

DRAWING NUMBER

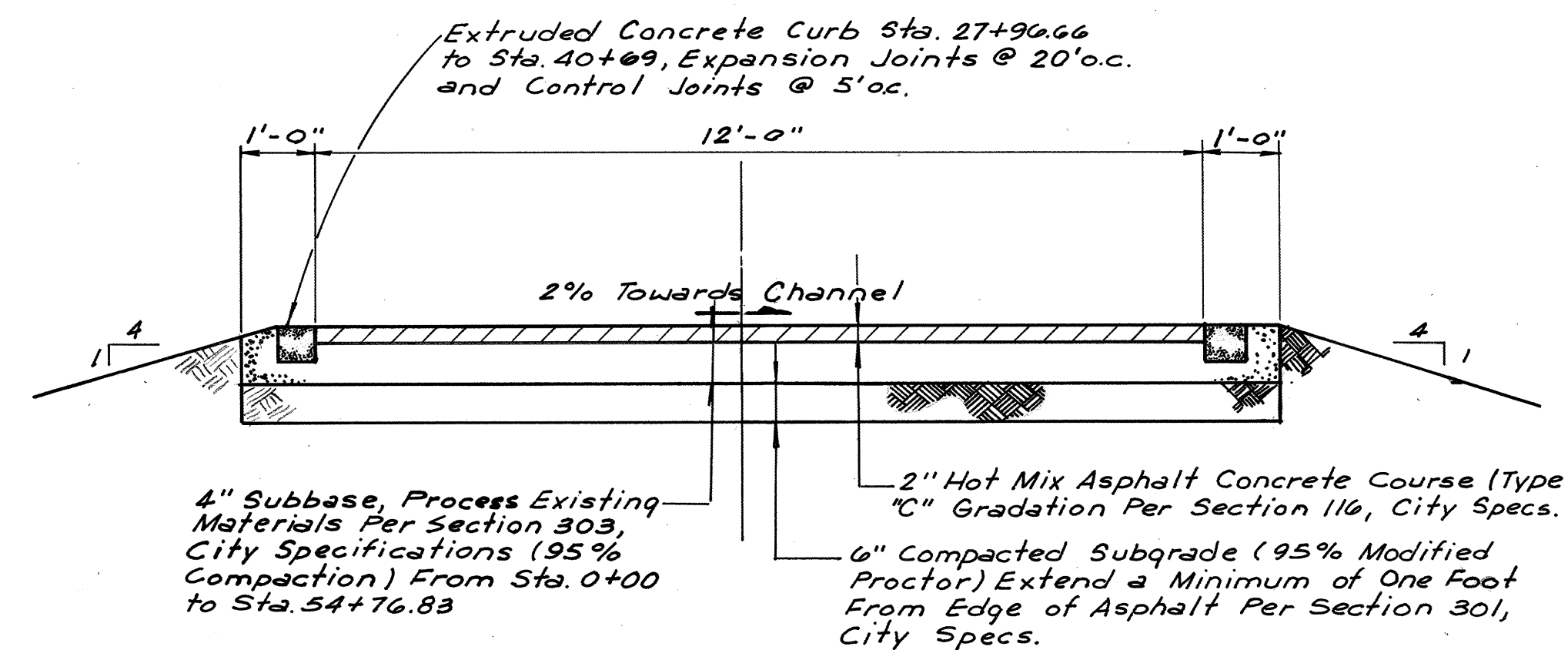
SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6553



N.T.S



N.T.S



NTS



SECTION 3
SCALE: 1" = 3'-0"

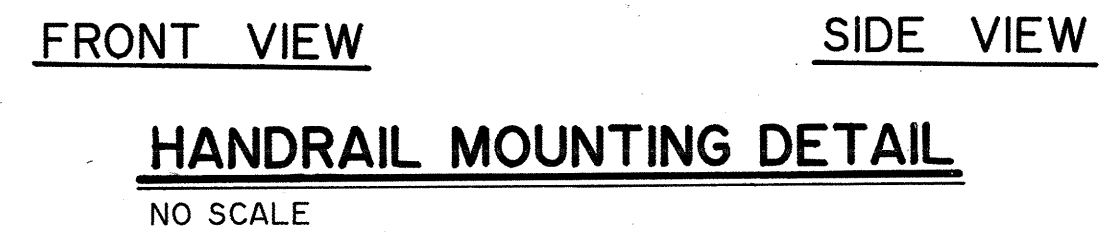
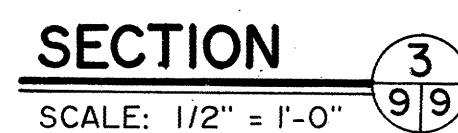
a. <u>Blue Grama/Black Grama Mix</u>	12 lbs. PLS per acre
b. <u>Sand Droosseed</u>	3 lbs. PLS per acre
c. <u>Alkali Sacaton</u>	2 lbs. PLS per acre
d. <u>Lehmann's Lovegrass</u>	1 lbs. PLS per acre
e. <u>Galletta Grass</u>	2 lbs. PLS per acre
f. <u>Little Bluestem</u>	2 lbs. PLS per acre

[illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Reginald</i>	<i>4/1/89</i>			
Trans. Dev.					
Utility Dev.	<i>N/A</i>				
<i>PARK</i>	<i>snely</i>	<i>4/8/89</i>			
DRAWING NO.	3781	MAP NO.	F-21	SHEET	8 OF 13

[illegible]

DRAWING NUMBER

SACD PRODUCTS • NEW HERE, MINNESOTA
REORDER BY PART NUMBER 8553

DRAWING NUMBER

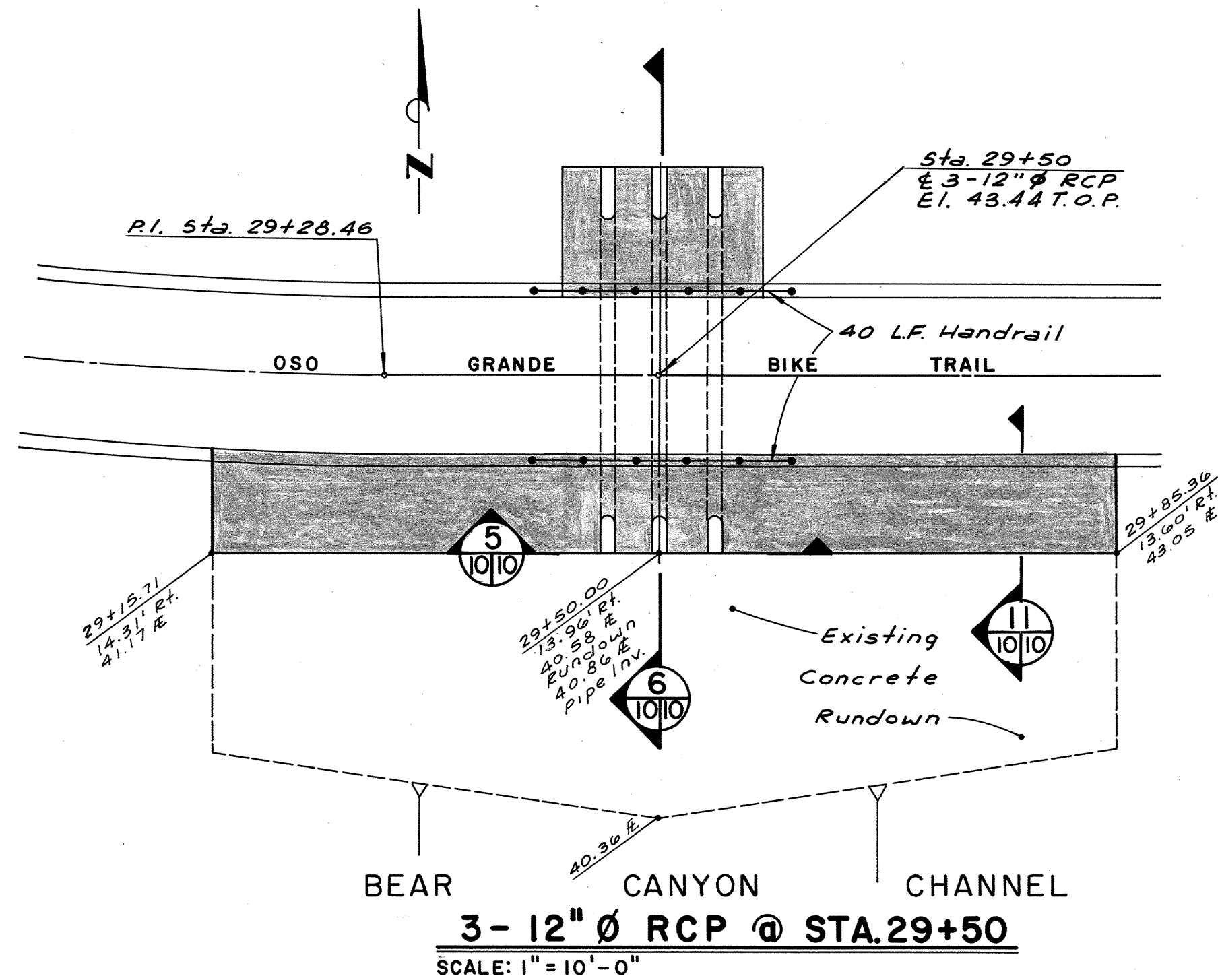
SACD PRODUCTS • NEW HERE, MINNESOTA
REORDER BY PART NUMBER 8553

DRAWING NUMBER

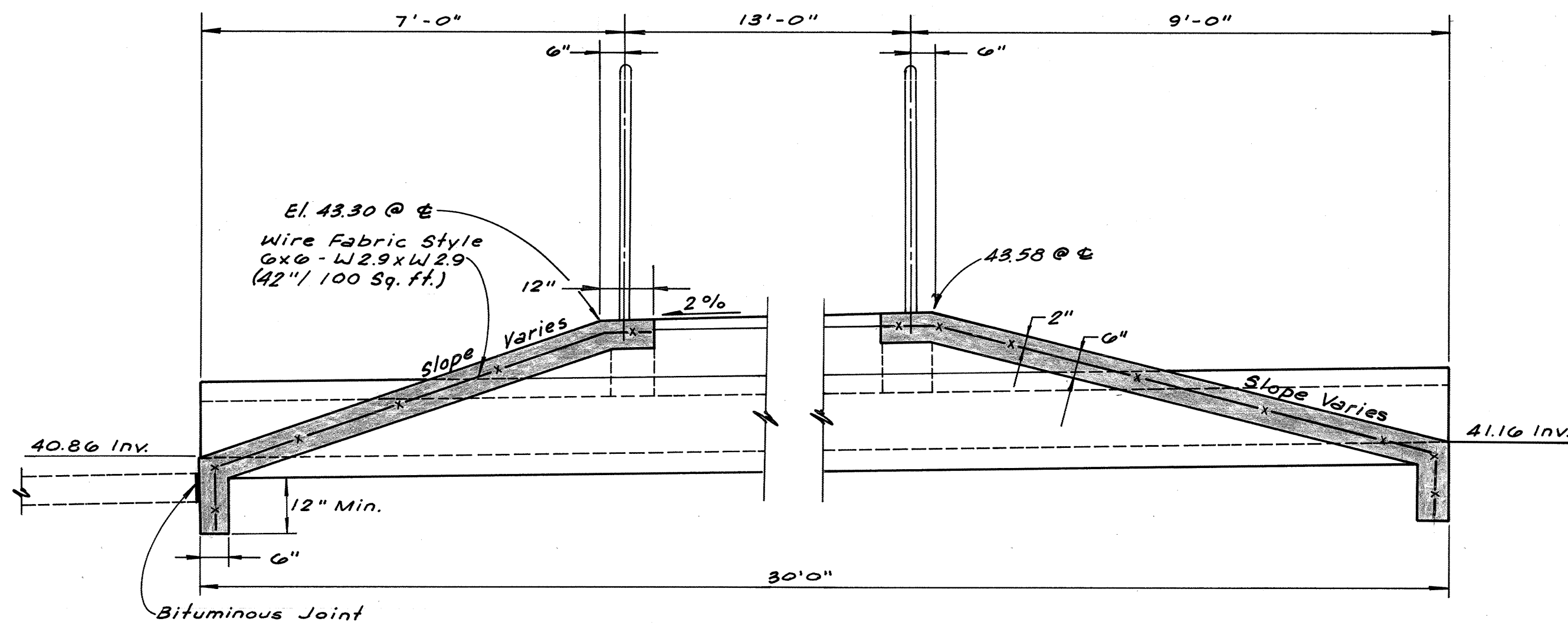
26 378 1089
SACD PRODUCTS • NEW HERE, MINNESOTA
REORDER BY PART NUMBER 8553

DRAWING NUMBER

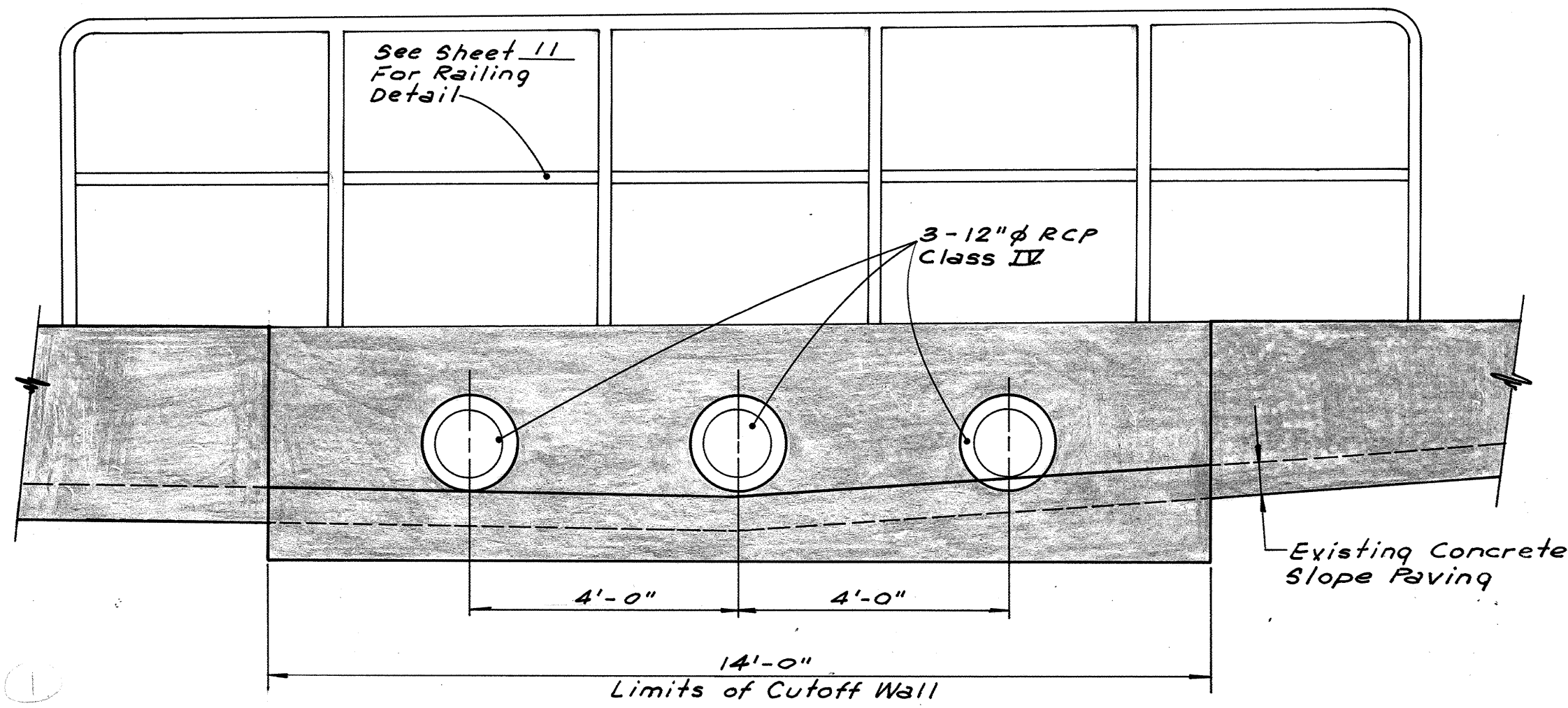
SACD PRODUCTS • NEW HERE, MINNESOTA
REORDER BY PART NUMBER 8553



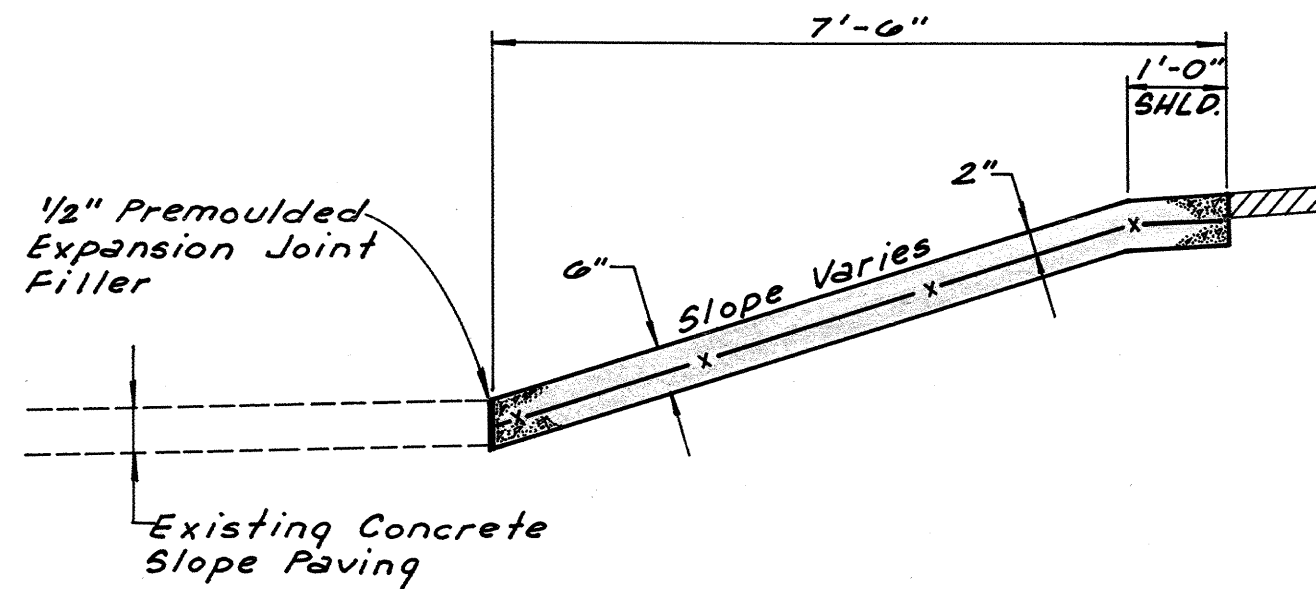
3-12" Ø RCP @ STA.29+50
SCALE: 1" = 10'-0"



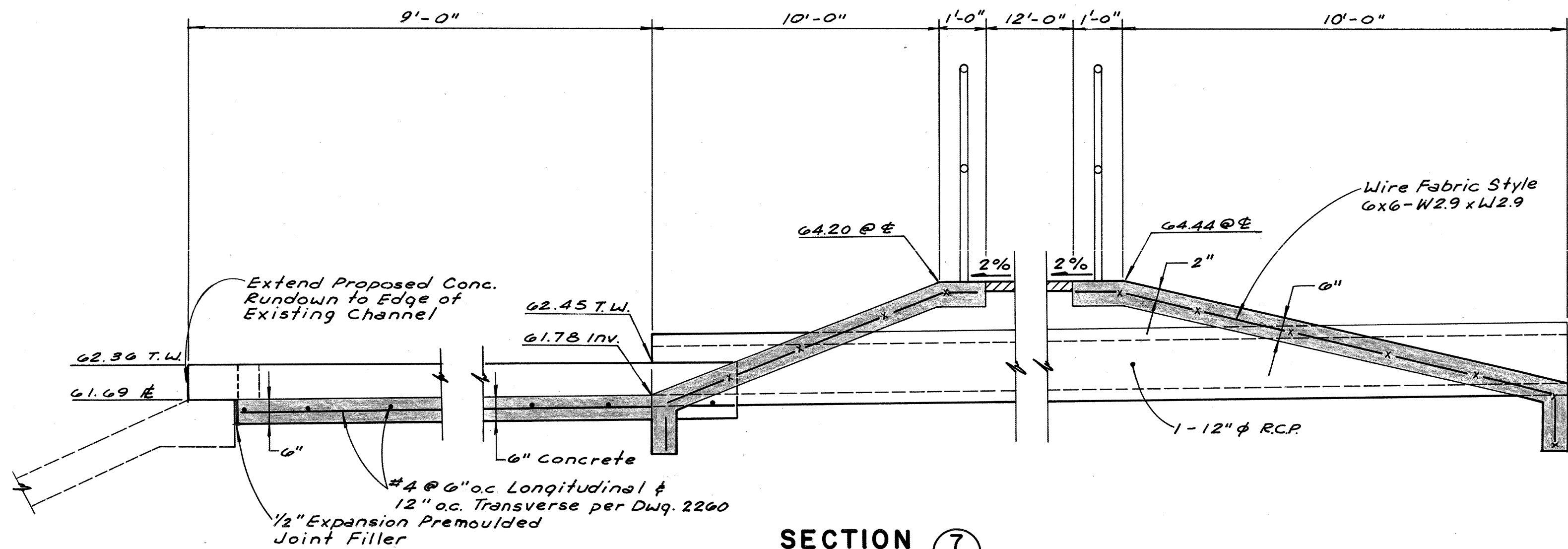
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SCALE: 1" = 2'-0"



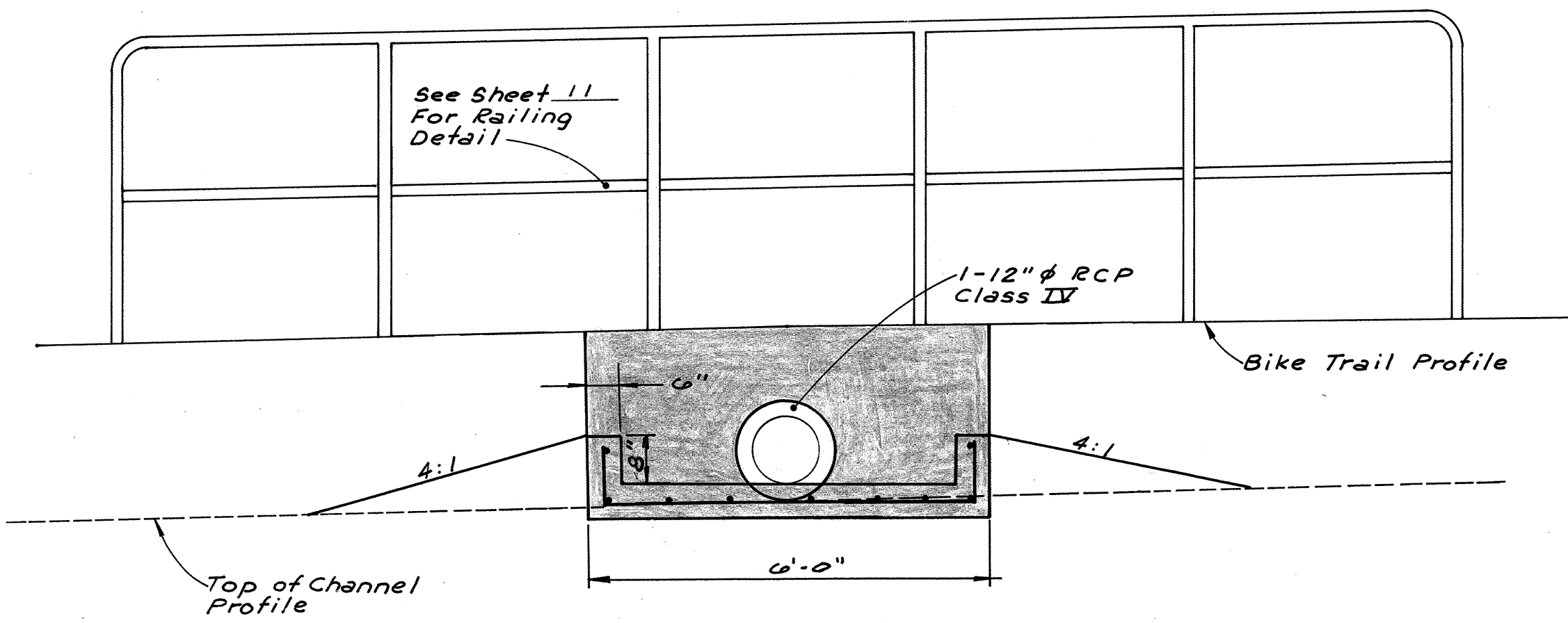
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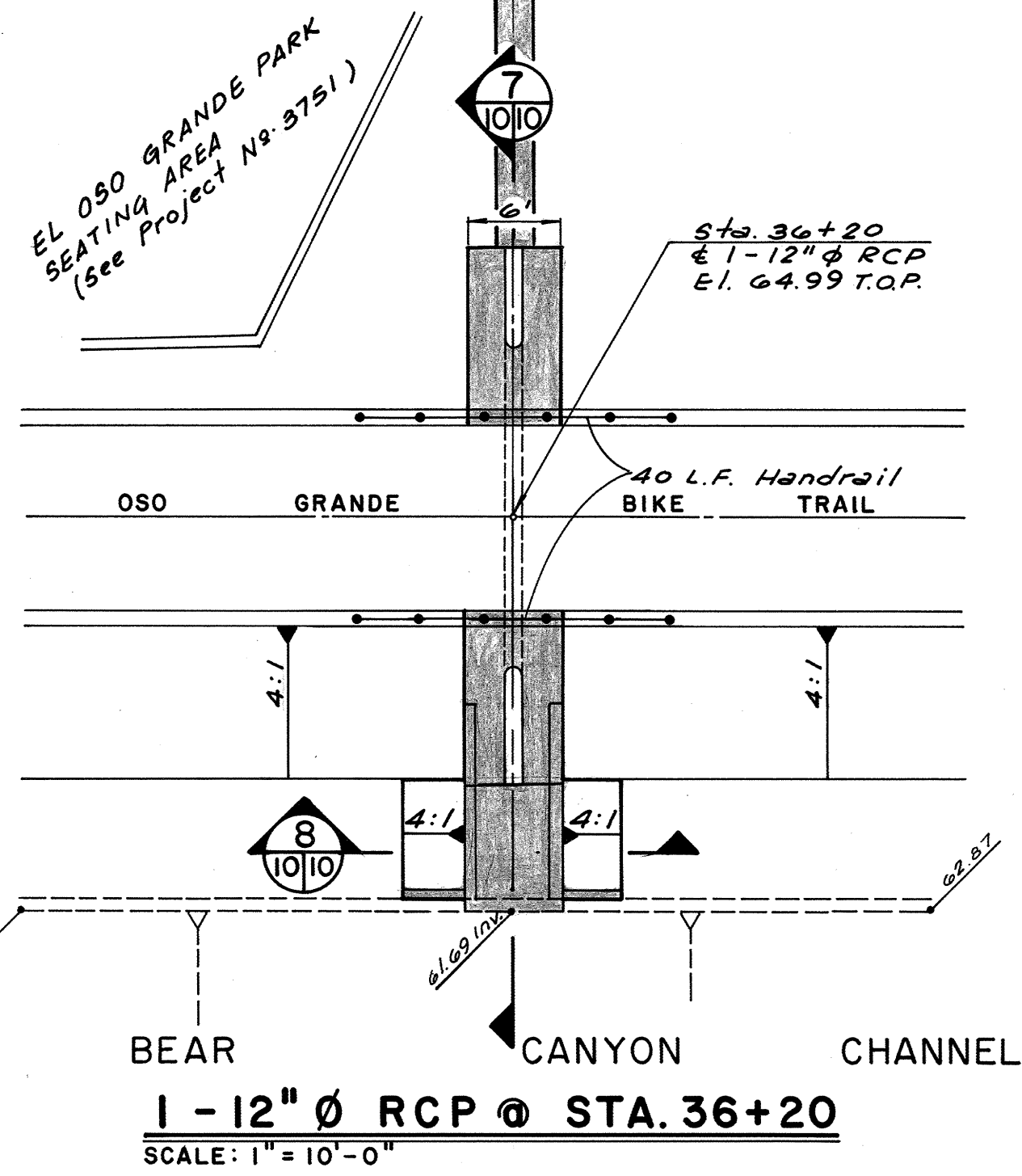
SECTION 11
SCALE: 1" = 10'-0"



SECTION 7
SCALE: 1" = 2'-0"



SECTION 8
SCALE: 1" = 2'-0"



1-12" Ø RCP @ STA.36+20
SCALE: 1" = 10'-0"

Note: Construct Extruded Concrete Curb Adjacent to Concrete Paving & Walls Not Flush With Grading

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACT NO.	5669.856	ELEVATION	11-F21	NO.	DATE	NO.	BY	DATE	NO.	BY	DATE
WORK ORDER NO.	C.O.A.	DATE									
FIELD ACCEPTANCE BY	R. RUTLEDGE	DATE									
DRAWINGS BY		DATE									
CHECKED BY		DATE									
RECORDED BY		DATE									
NO.											

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Roy L. Nunez	4/1/0			
Trans. Dev.					
Utility Dev.					
DESIGNED BY	G.A.	DATE FEB. 1989			
DRAWN BY	A.M.	DATE FEB. 1989			
CHECKED BY	G.A.	DATE FEB. 1989			
DRAWING NO.	3781	MAP NO. F-21	SHEET	10	OF 13

DRAWING NUMBER

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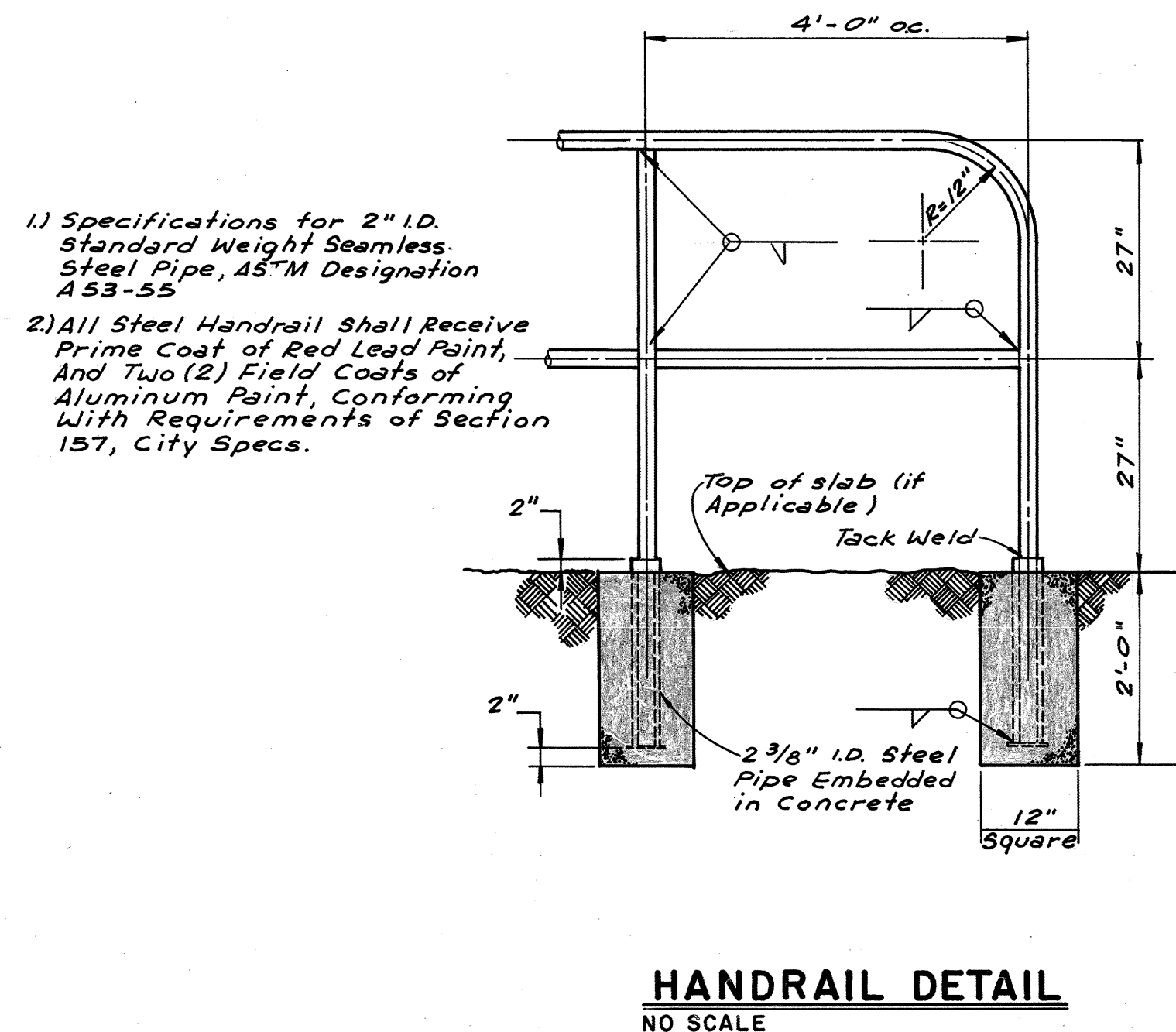
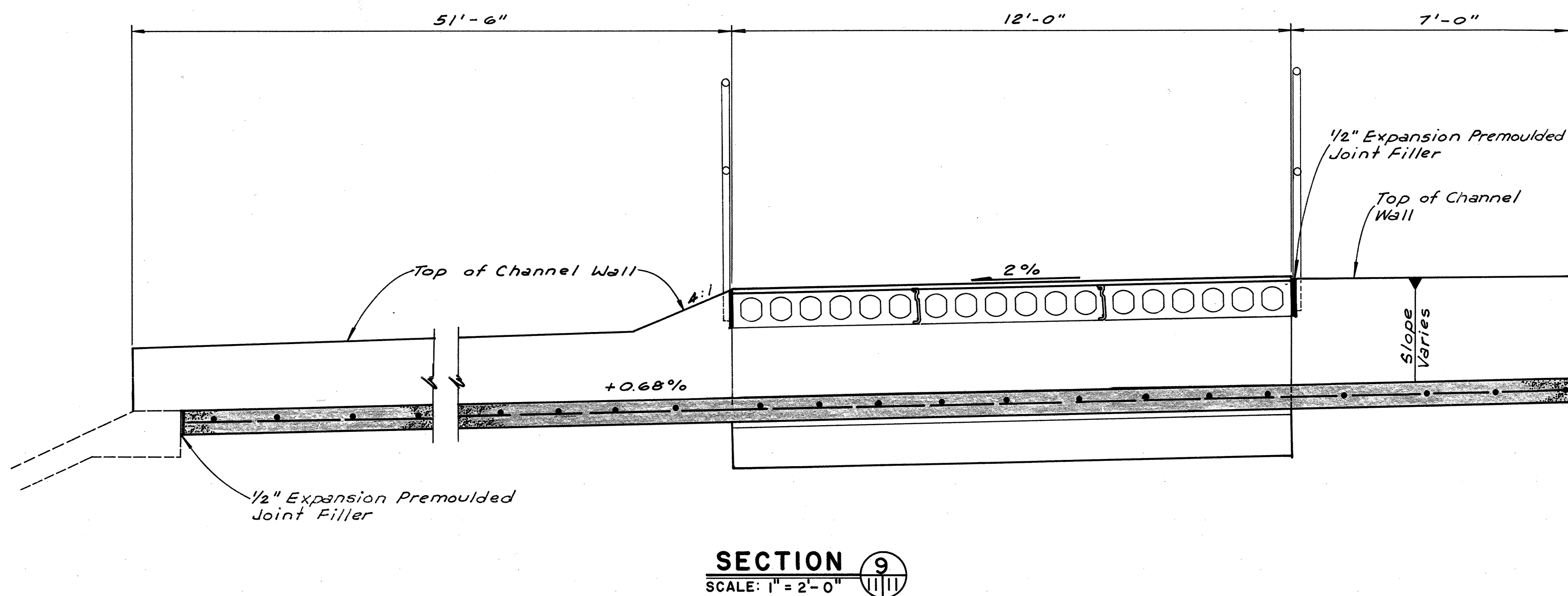
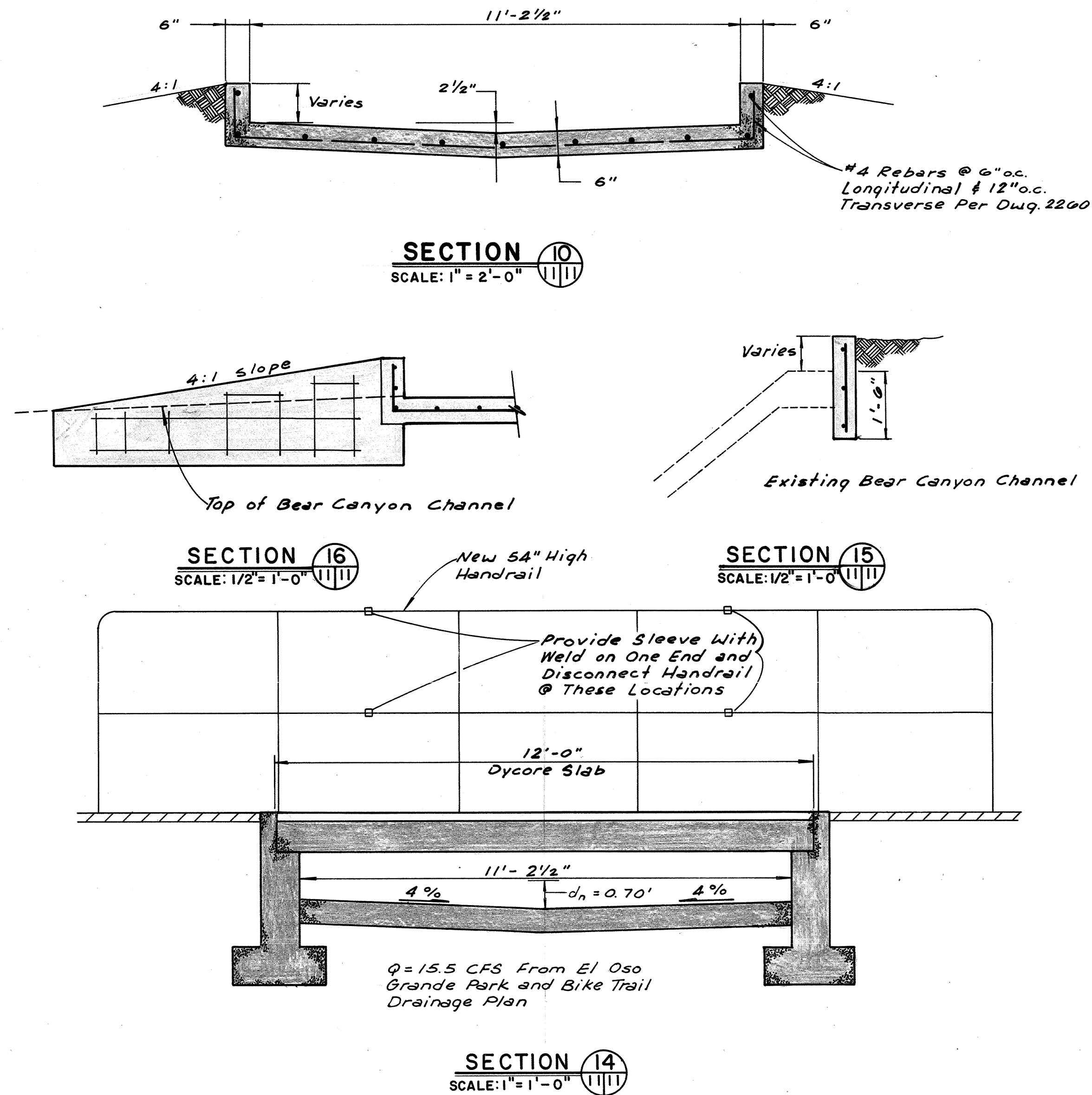
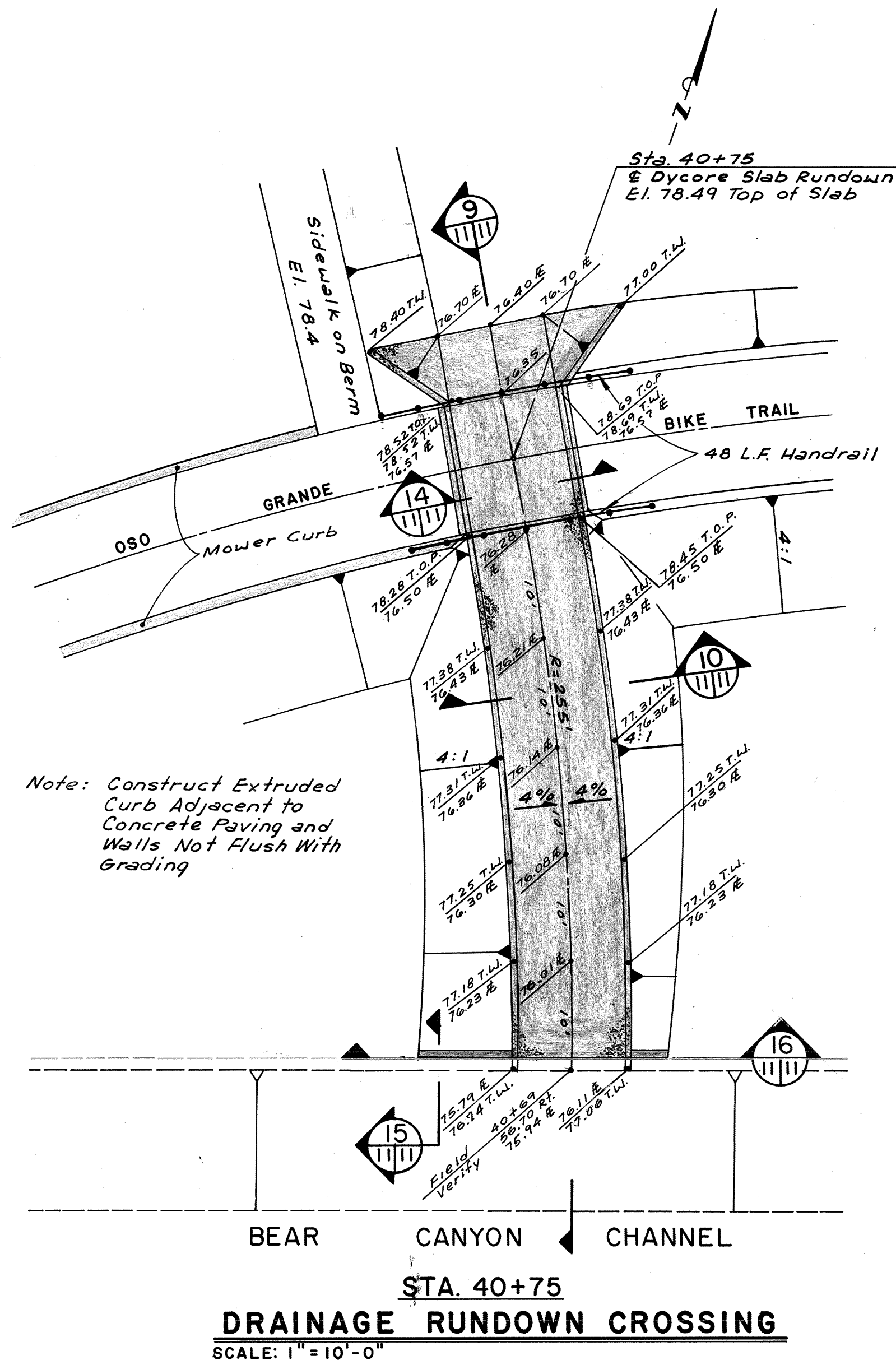
DRAWING NUMBER

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REPRODUCED BY PART NUMBER 8850
PERMANENT SEAL OF FIRM ON THIS SEAL

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REPRODUCED BY PART NUMBER 8850
PERMANENT SEAL OF FIRM ON THIS SEAL

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REPRODUCED BY PART NUMBER 8850
PERMANENT SEAL OF FIRM ON THIS SEAL

SARCO PRODUCTS • NEW HOPE, MINNESOTA
REPRODUCED BY PART NUMBER 8850
PERMANENT SEAL OF FIRM ON THIS SEAL



1 2 3 4 5 6 7 8 9 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

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Ray L. ...	6/1/89			
Trans. Dev.					
Utility Dev.					
DESIGNED BY	G.A.	DATE FEB., 1989			
DRAWN BY	A.M.	DATE FEB., 1989			
CHECKED BY	G.A.	DATE FEB., 1989			
DRAWING NO.	3781	MAP NO. F-21	SHEET	11	OF 13

DRAWING NUMBER

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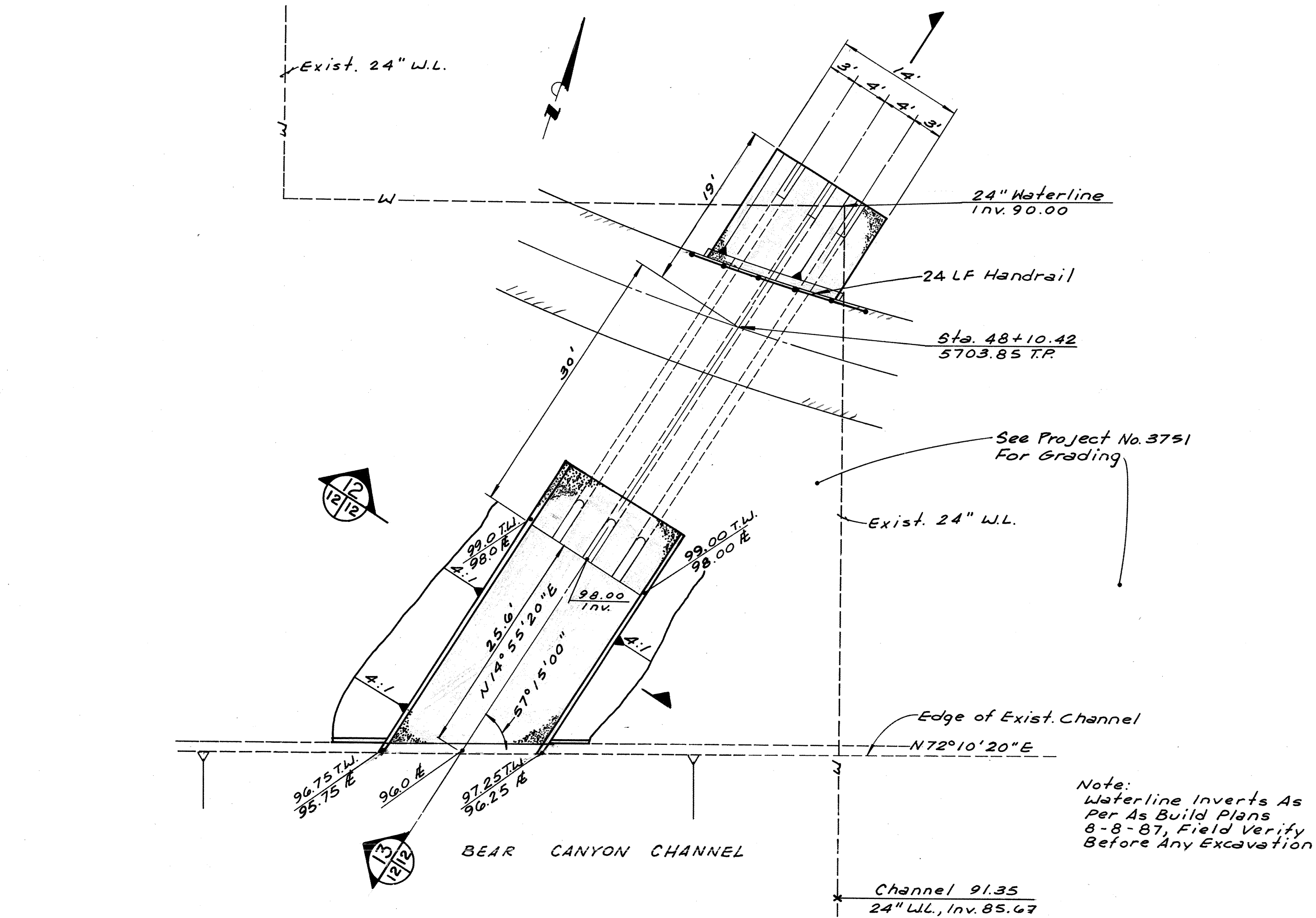
DRAWING NUMBER

SARCO PRODUCTS • NEW HIRE, MINNESOTA
REORDER BY PART NUMBER 6553

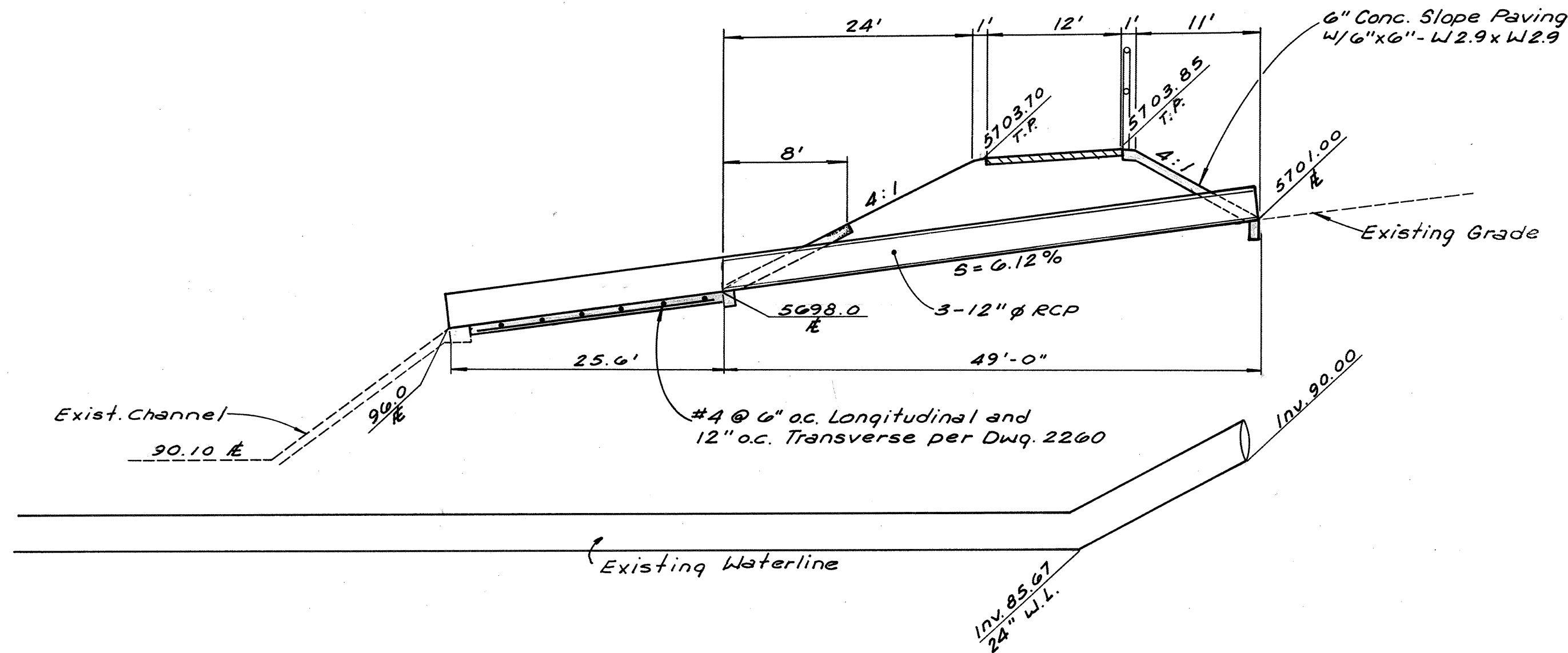
SARCO PRODUCTS • NEW HIRE, MINNESOTA
REORDER BY PART NUMBER 6553

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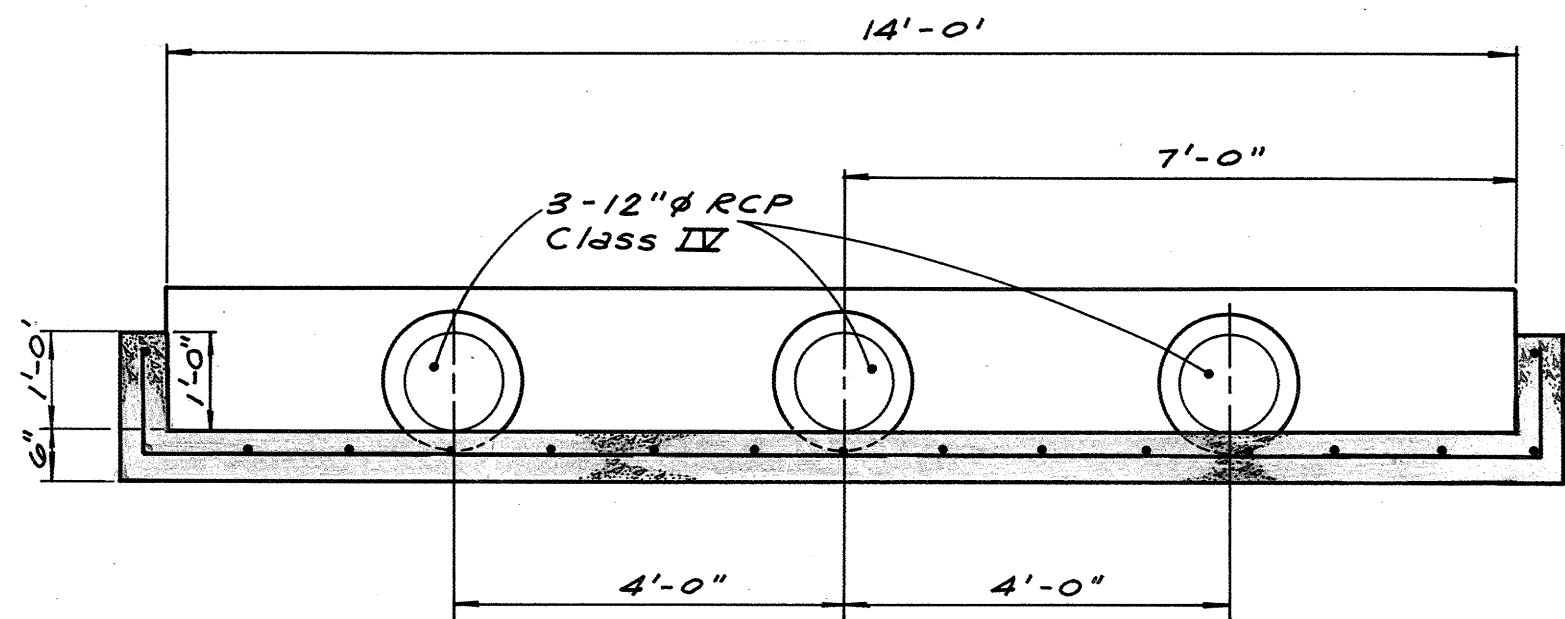
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3-12" Ø RCP @ STA. 48+10.42
SCALE: 1"=10'



SECTION 13
SCALE: 1"=10' 12/12



SECTION 12
SCALE: 1"=10' 12/12

1 2 3 4 5 6 7 8 9 10 11 12
26 37 81 12 89

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	By: J. H. H.	4/8/89			
Trans. Dev.					
Utility Dev.					
DESIGNED BY	G.A.	DATE	DRAWN BY	A.M.	DATE
CHECKED BY	G.A.	DATE			
DRAWING NO.	3781	MAP NO.	F-21	SHEET	12 OF 13

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

263781389

SARGO PRODUCTS • NEW HOPE, MINNESOTA
REPER BY PART NUMBER 6553

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REPER BY PART NUMBER 6553

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

FINAL	SURVEY	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS CHECKED	

