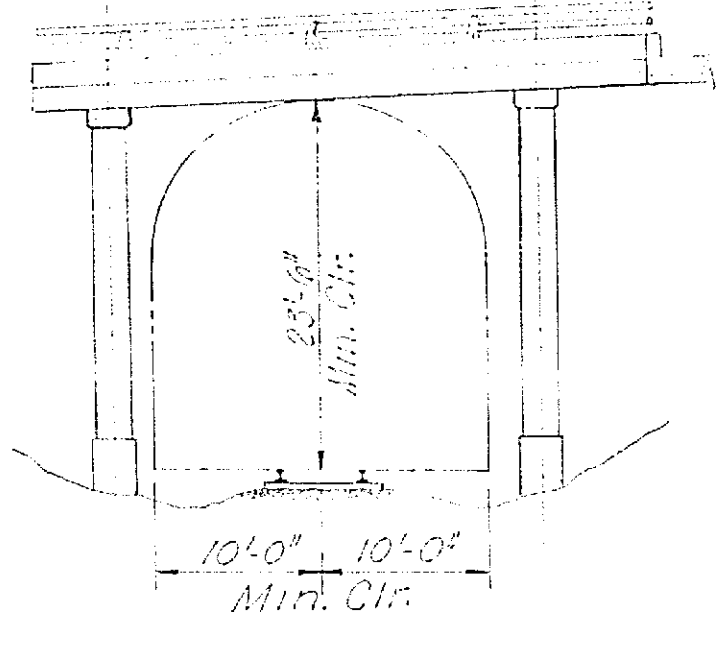
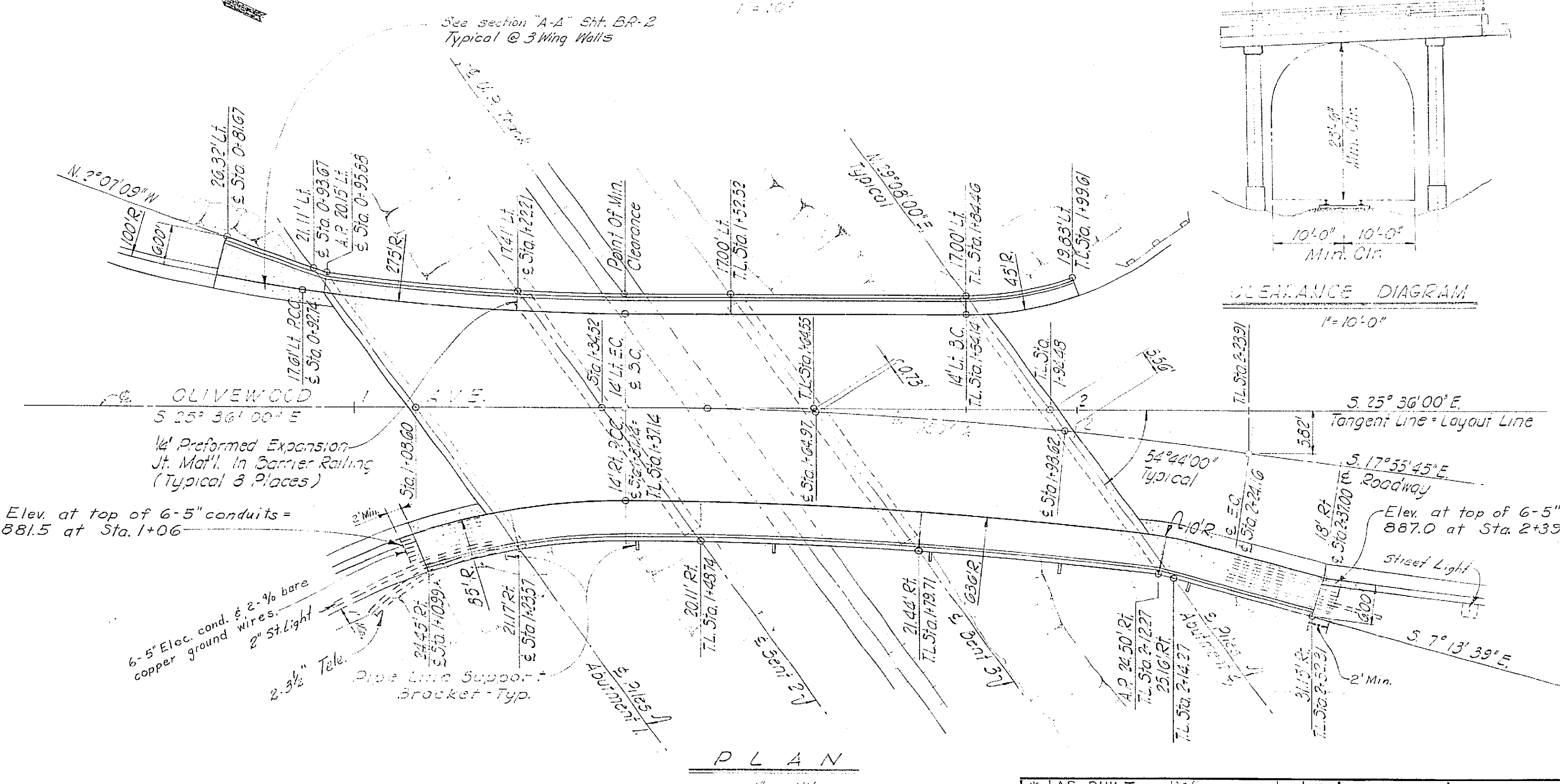


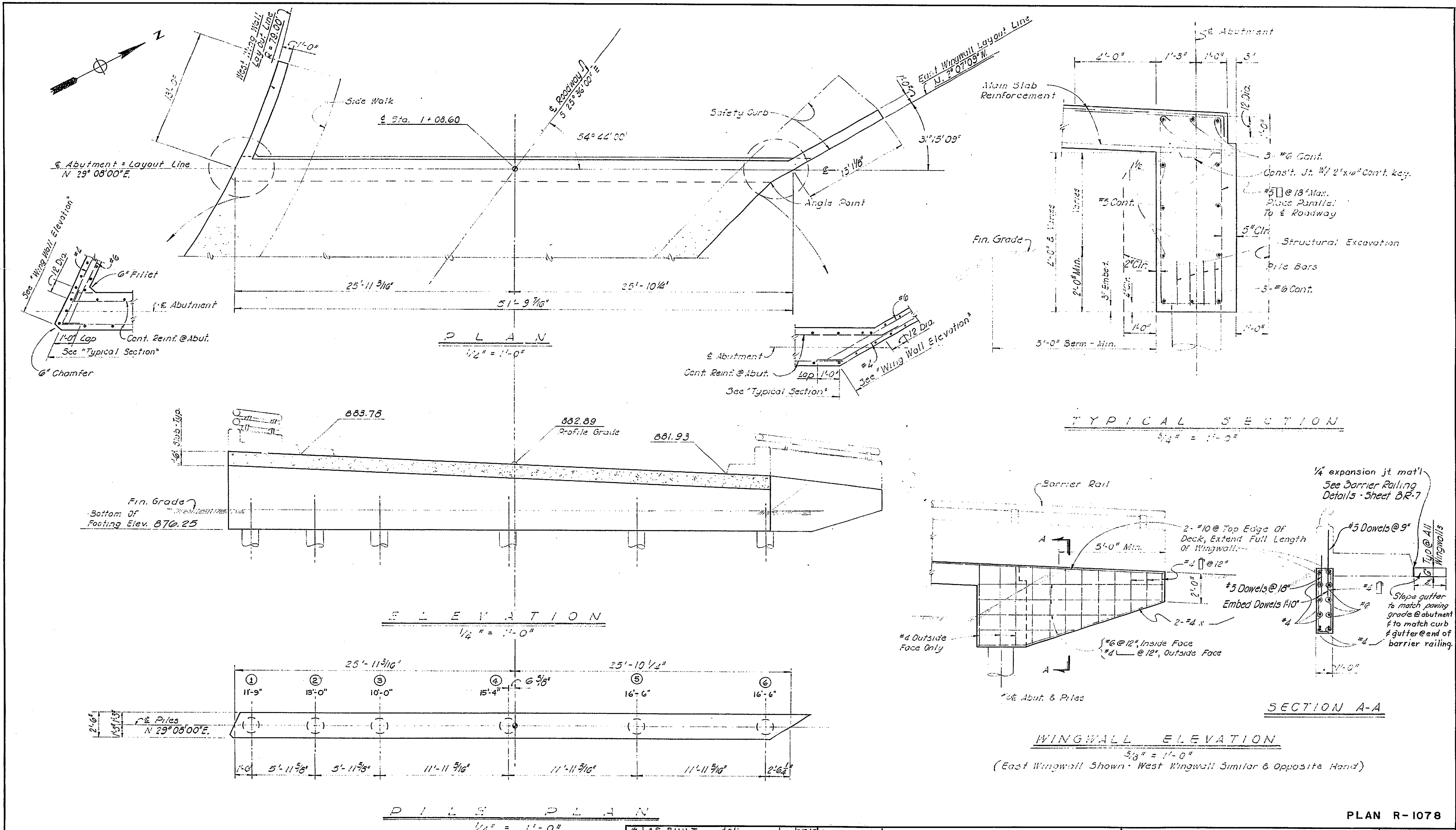
SECTION THRU BRIDGE
1/4" = 1'-0"



GENERAL NOTES

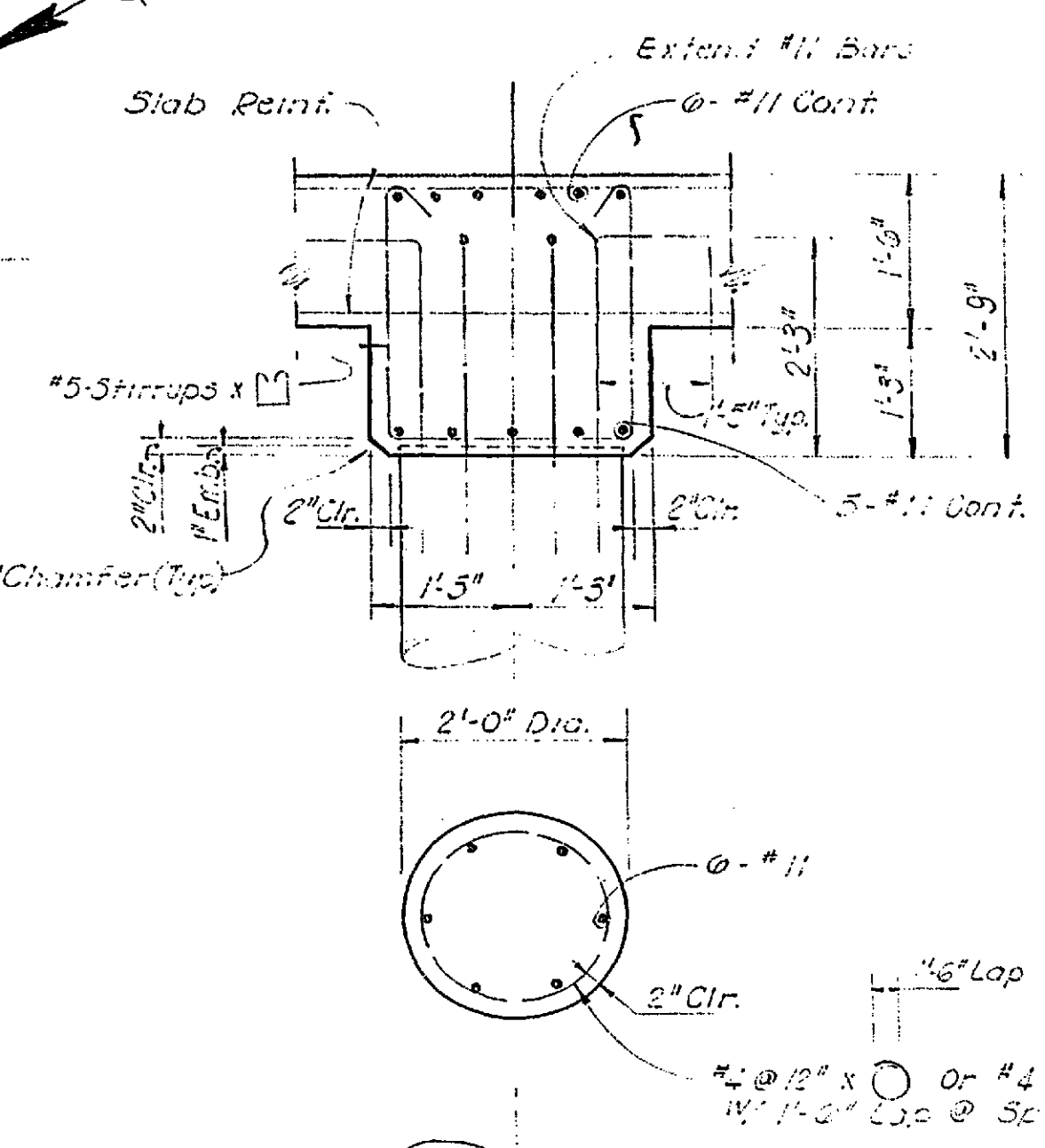
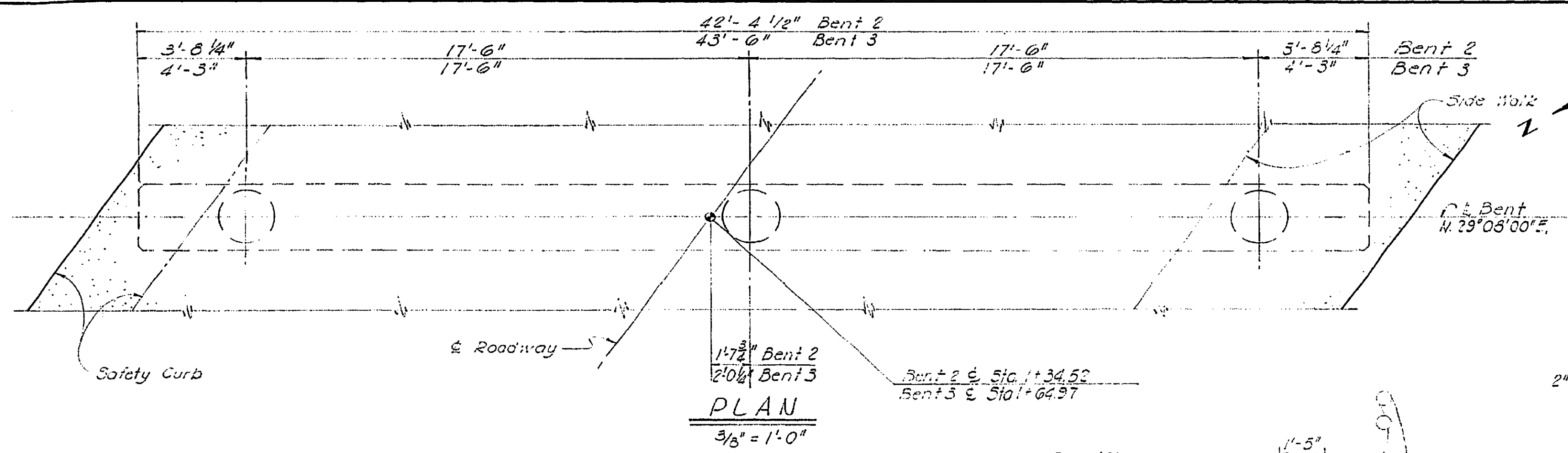
- Specifications**
- Design: A.A.S.H.O. Dated 1961, As Supplemented by State of California Bridge Planning & Design Manual.
 - Construction: Standard Specifications Division of Highways, Dated July 1964 & The Special Provisions.
 - Live Loading: H 20 - S16 - 44
 - Piling: 45 Tube - 18" Diameter Uncoated Cast-in-Place (Cast in a Drilled Hole).
 - Unit Stresses: Reinforced Concrete $f_s = 20,000$ p.s.i.
 $f_c = 1,200$ p.s.i.
 $n = 12$
 - Reinforcement: Embedment is Clear to Outside of Bars & is 2" Clear to Main Reinforcing, Except at Joints. Splicing of Reinforcing Bars is 4d Distances, Unless Otherwise Noted.
- B.M. Elev. 858.23 R.K. nail in curb in northwesterly curb return at Osburn and Rowwood.
- B.M. Elev. 886.80 R.K. Nail in curb in South Westerly Curb Return At Chantilly Cr. and Olivewood Ave.
- B.M. Elev. 882.41 R.K. nail on top of large boulder 45' right of center line station 2+48.54.
- B.M. Elev. 860.76 Mark on southwesterly bolt of Railroad signal box northerly of bridge at U.P.R.R. and Olivewood Ave.

APPROVED FOR UTILITIES DEPT. Gen. Supt. & Chief Engineer DATE 3/21/67	AS BUILT NO. 1 REVISION BY DATE	2-19-68 Richard Proffers	MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA DESIGNED BY: Nait DRAWN BY: Wilson	DEPARTMENT OF PUBLIC WORKS CITY OF RIVERSIDE, CALIFORNIA OLIVEWOOD AVENUE OVERHEAD AT THE U.P. RAILROAD BRIDGE PLAN, ELEVATION & SECTION	SCALE: As Shown DATE: Aug-68 JOB NO.: L-1129 SHEET: BR-1 OF: 7
---	--	-----------------------------	--	---	--

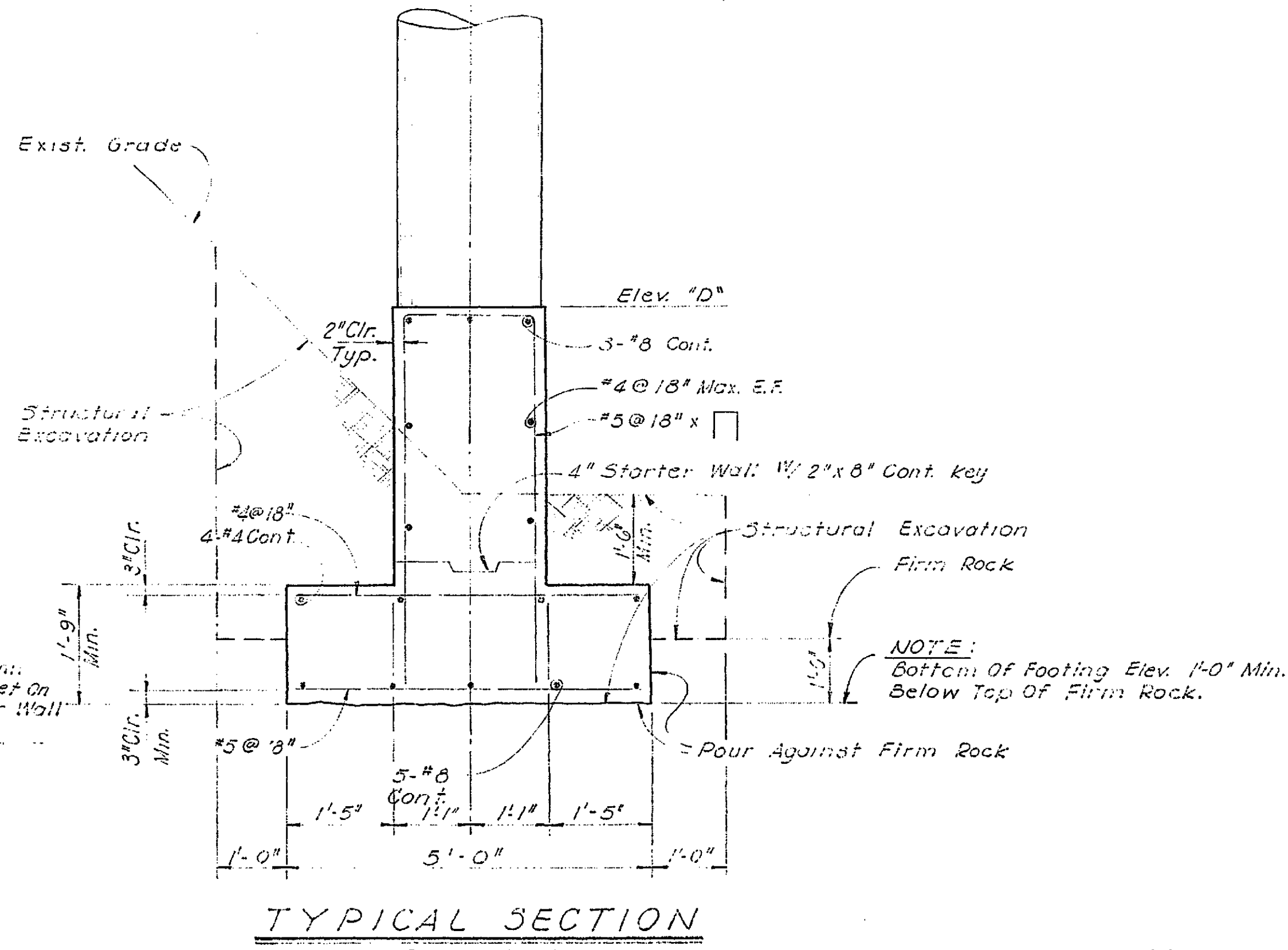
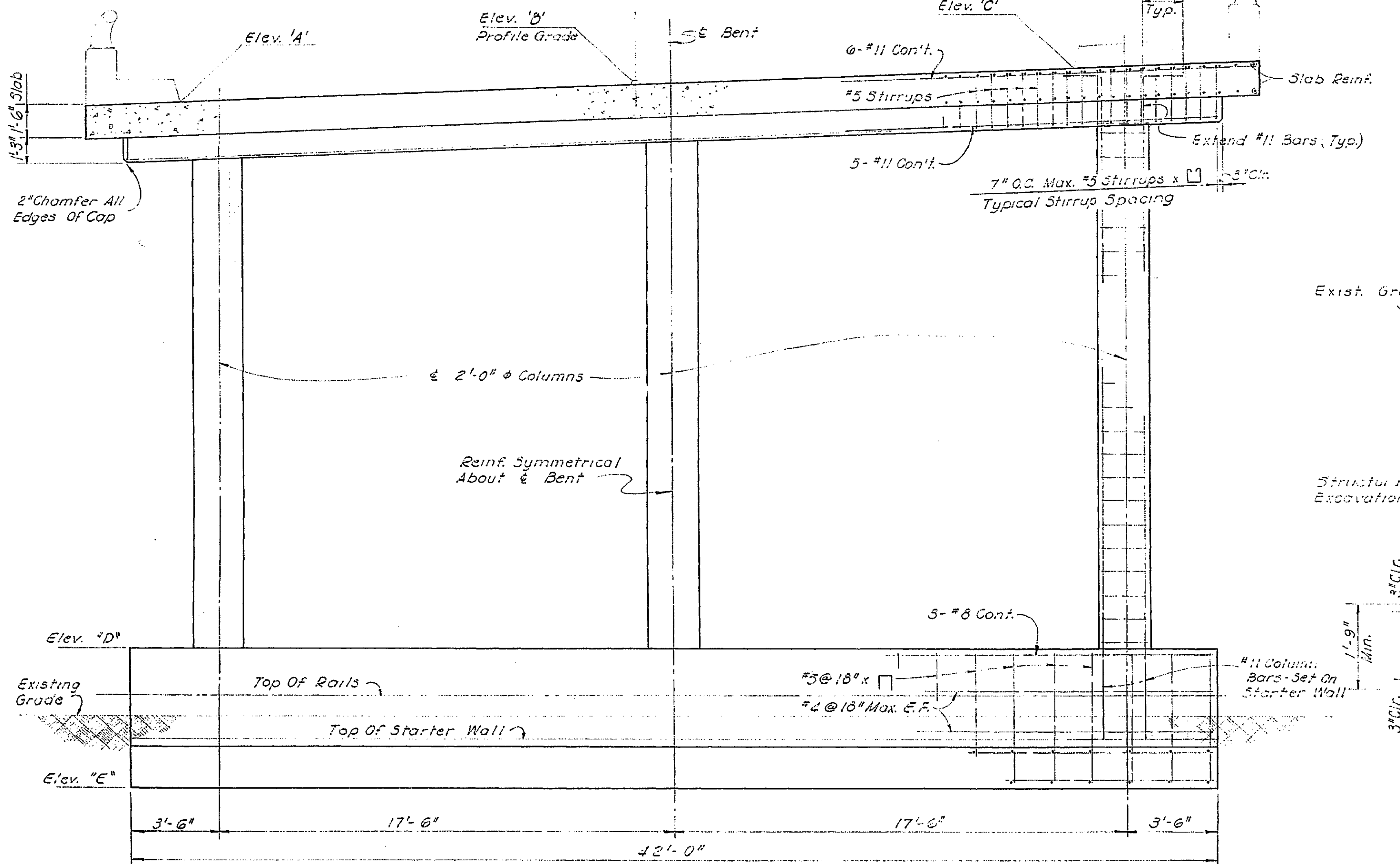


* AS BUILT		1st	2-13-18	MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA DESIGNED BY <i>Schultze</i> CHECKED BY <i>Neill</i> DRAWN BY <i>Wilson</i> IN CHARGE <i>Davisson</i>	DEPARTMENT OF PUBLIC WORKS CITY OF RIVERSIDE, CALIFORNIA OLIVEWOOD AVENUE OVERHEAD AT THE U. P. RAILROAD ABUTMENT 1	SCALE	DATE
						1" = 1'-0"	1-11-29
							SHEET
							BR-2

PLAN R-1078



Bent	"A"	"B"	Elevation "C"	"D"	"E"
2	882.15	884.94	885.66	882.0	888
3	886.29	886.91	887.47	882.0	888



PLAN R-1078

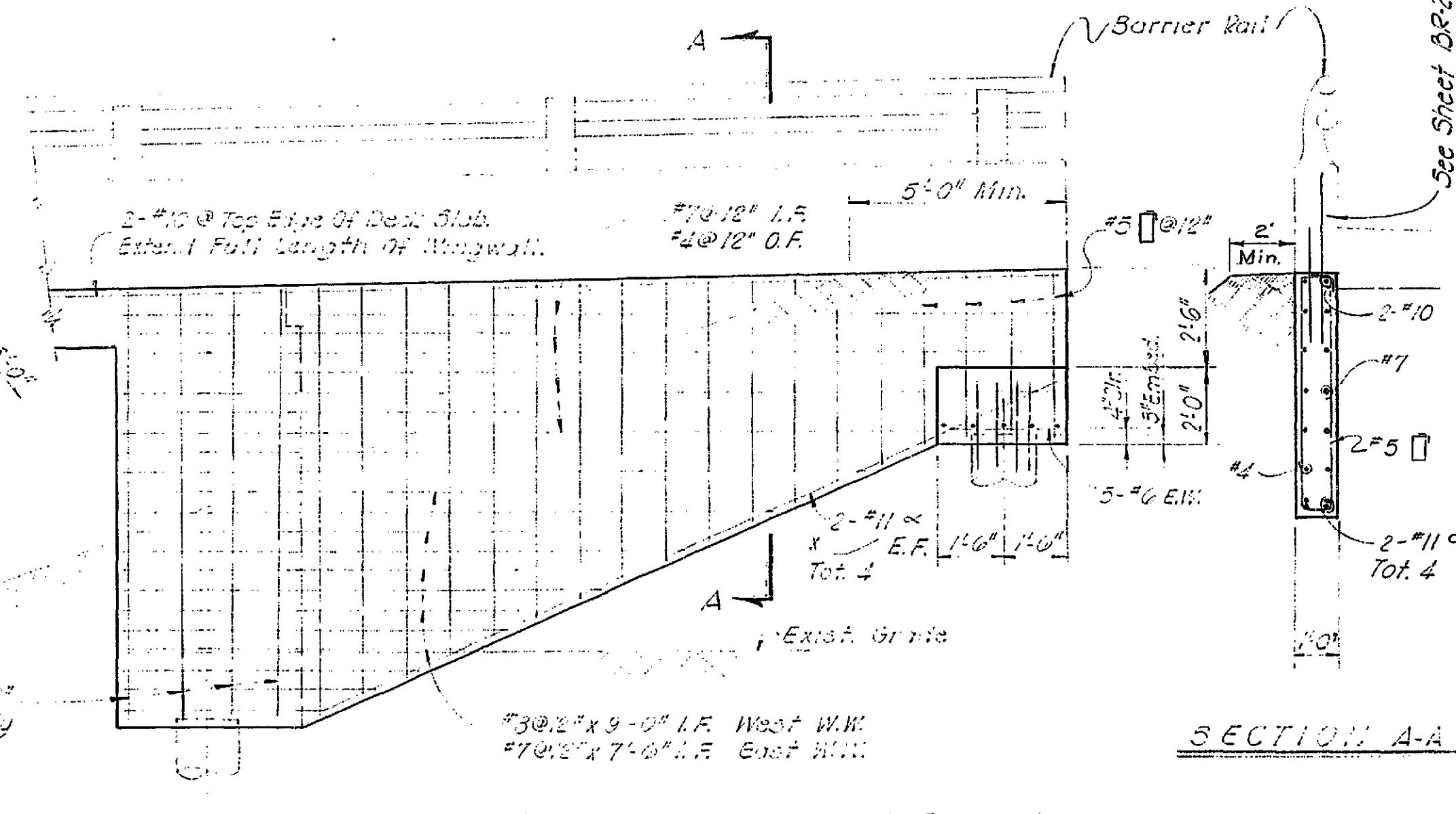
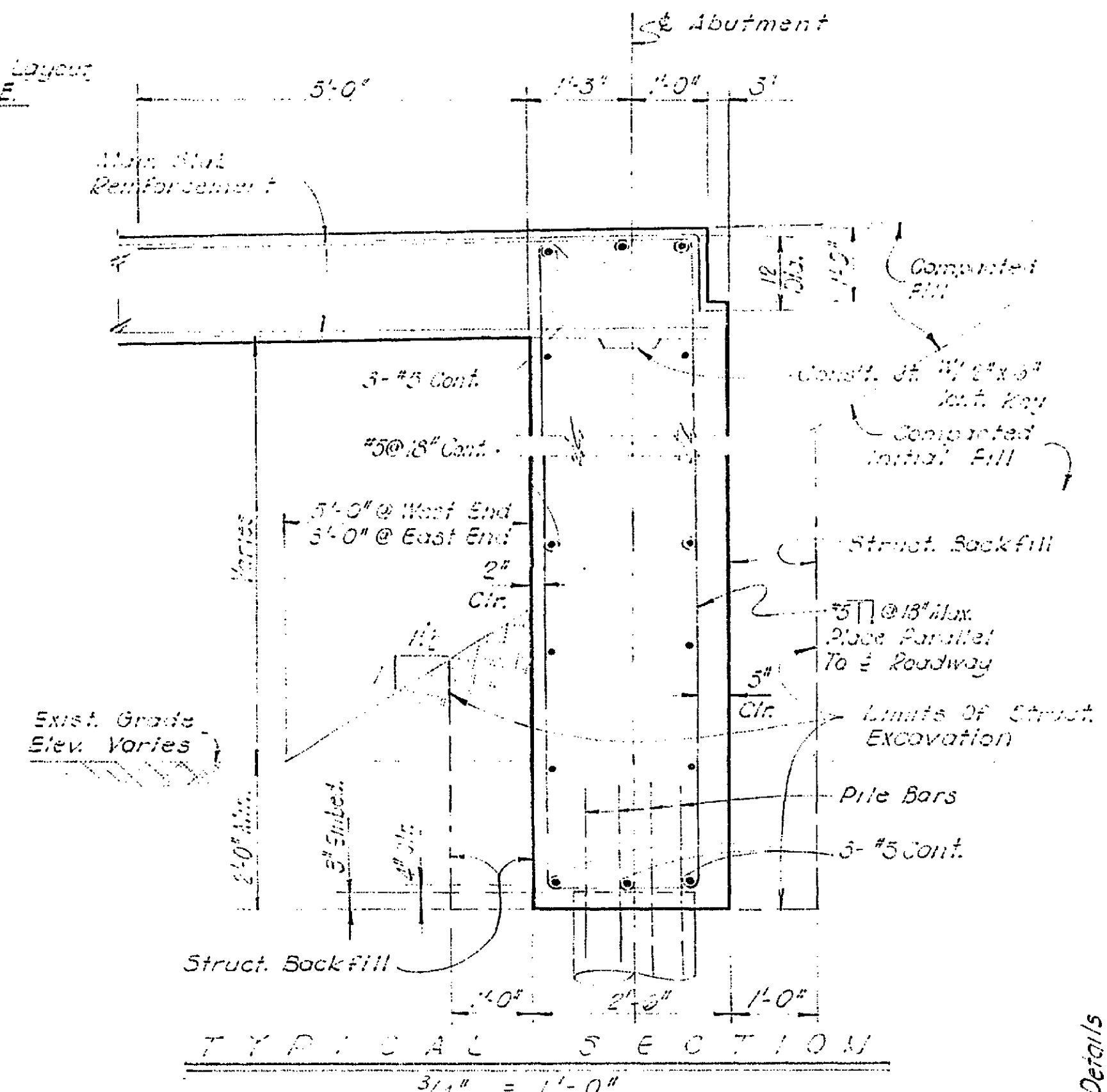
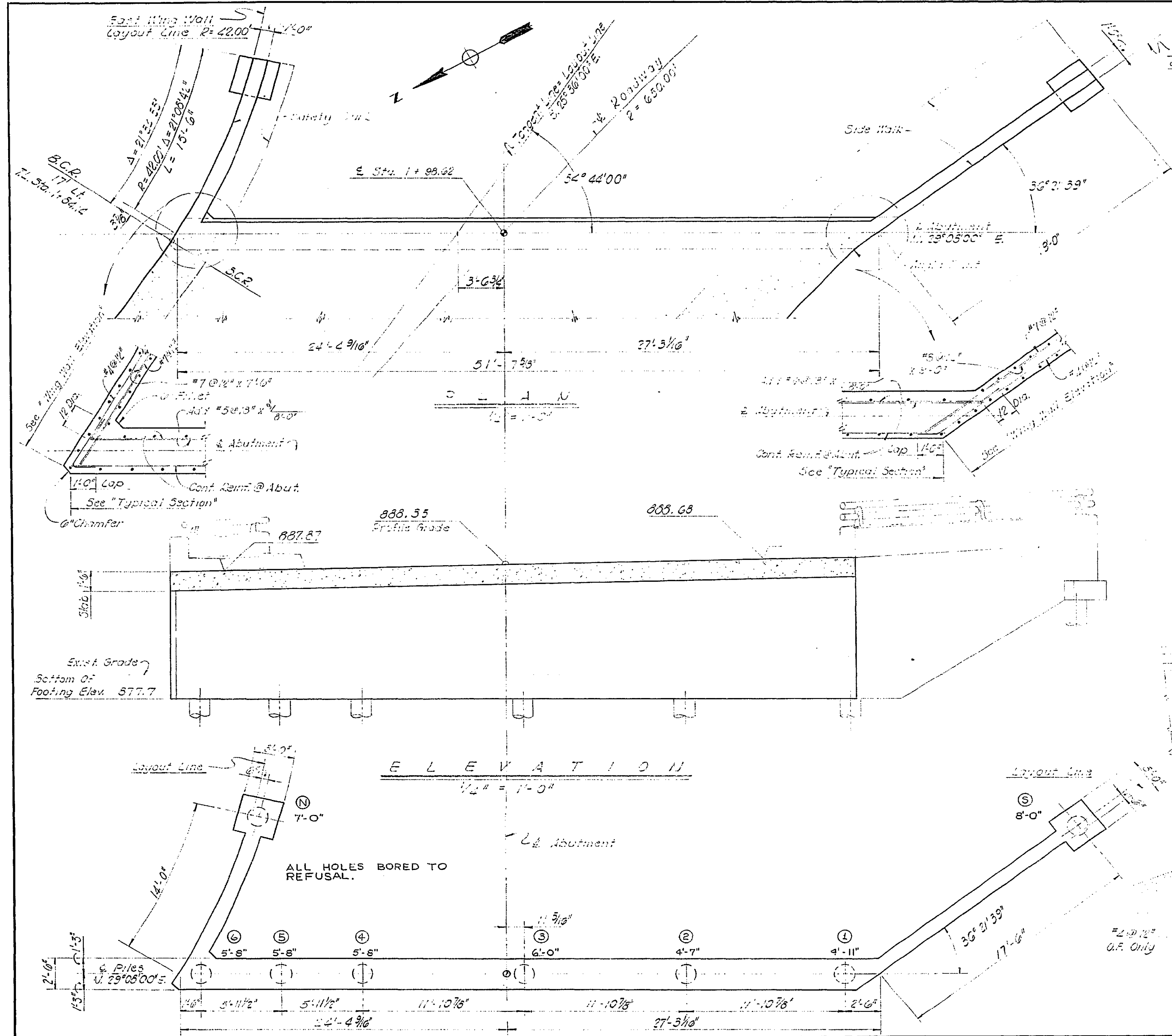
NO.	REVISION	BY	DATE
1	AS BUILT	W.S.	2-13-63

MOFFATT & NICHOL ENGINEERS
LONG BEACH, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
OLIVEWOOD AVENUE OVERHEAD
AT THE U.P. RAILROAD
BENTS 2 & 3

SCALE: 1/4" = 1'-0"
DATE: 12-2-62
JOB NO. L-1129
SHEET BR 3 OF 7

DESIGNED BY: Schuitze
CHECKED BY: Neill
DRAWN BY: Wilson
IN CHARGE: Davidson



ELEVATION
1/4" = 1'-0"

PILE PLAN
1/2" = 1'-0"

TYPICAL SECTION
3/4" = 1'-0"

WING WALL ELEVATION
3/8" = 1'-0"

PLAN R-1078

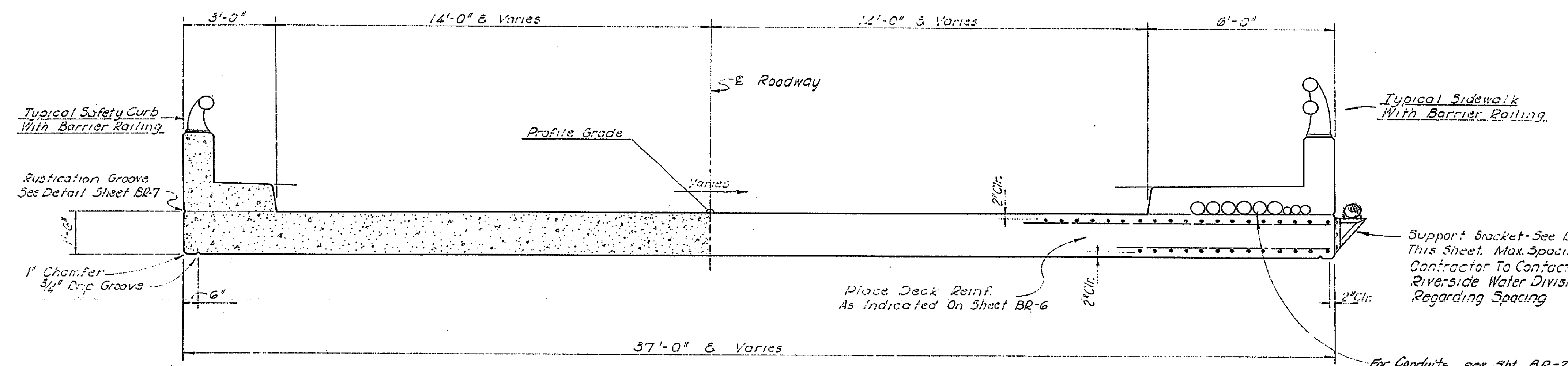
NO.	REVISION	BY	DATE
1	AS BUILT	W.N.	2/13/48

MOFFATT & NICHOL ENGINEERS
LONG BEACH, CALIFORNIA

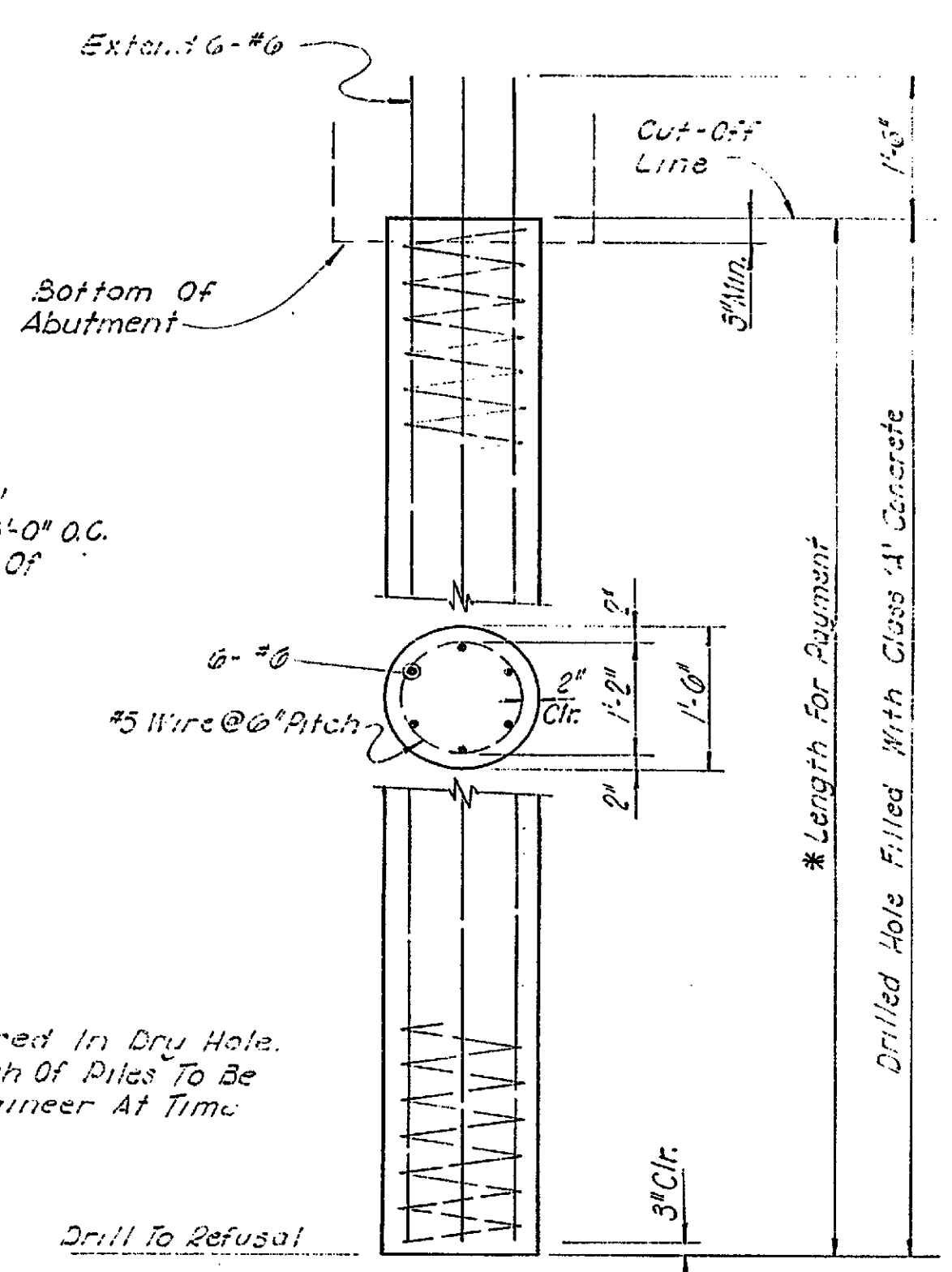
DESIGNED BY *Schulze* CHECKED BY *W.P.H.*
DRAWN BY *W.H.S.* IN CHARGE *Dov. 1937*

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
OLIVEWOOD AVENUE OVERHEAD
AT THE U.P. RAILROAD
ABUTMENT 4

SCALE
DATE
JOB NO. 1-1129
SHEET
BR-4
OF 7

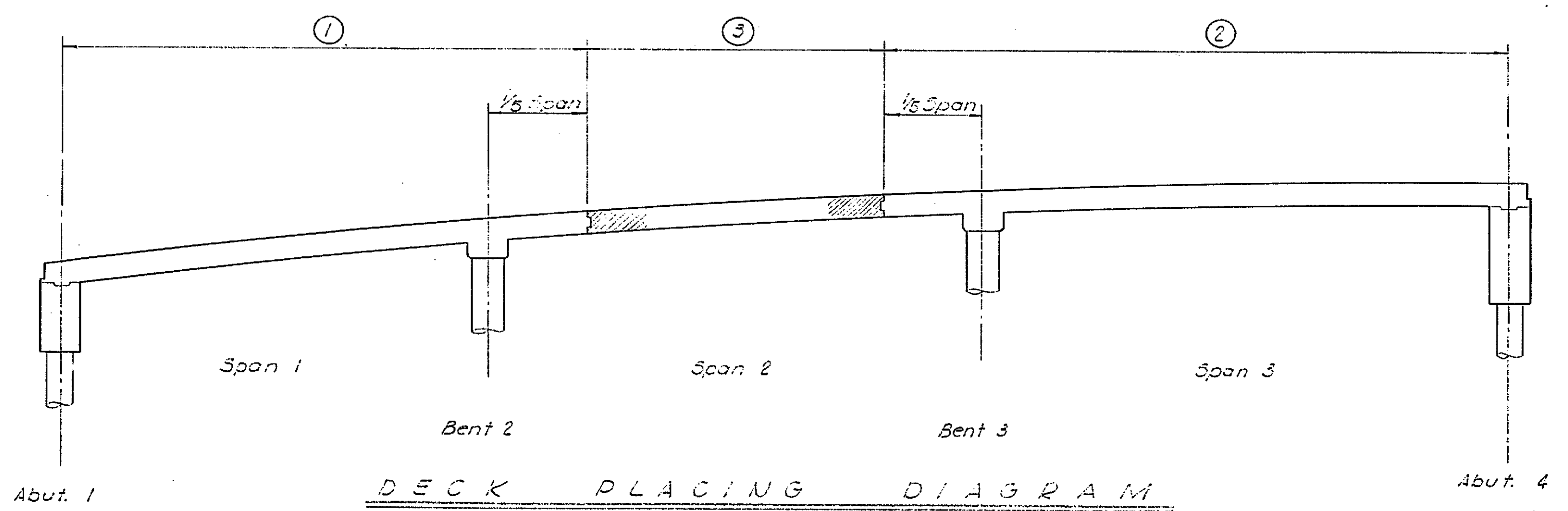


TYPICAL DECK SECTION
1/2" = 1'-0"



* FOR LENGTHS SEE SHEETS BR-2 & BR-4

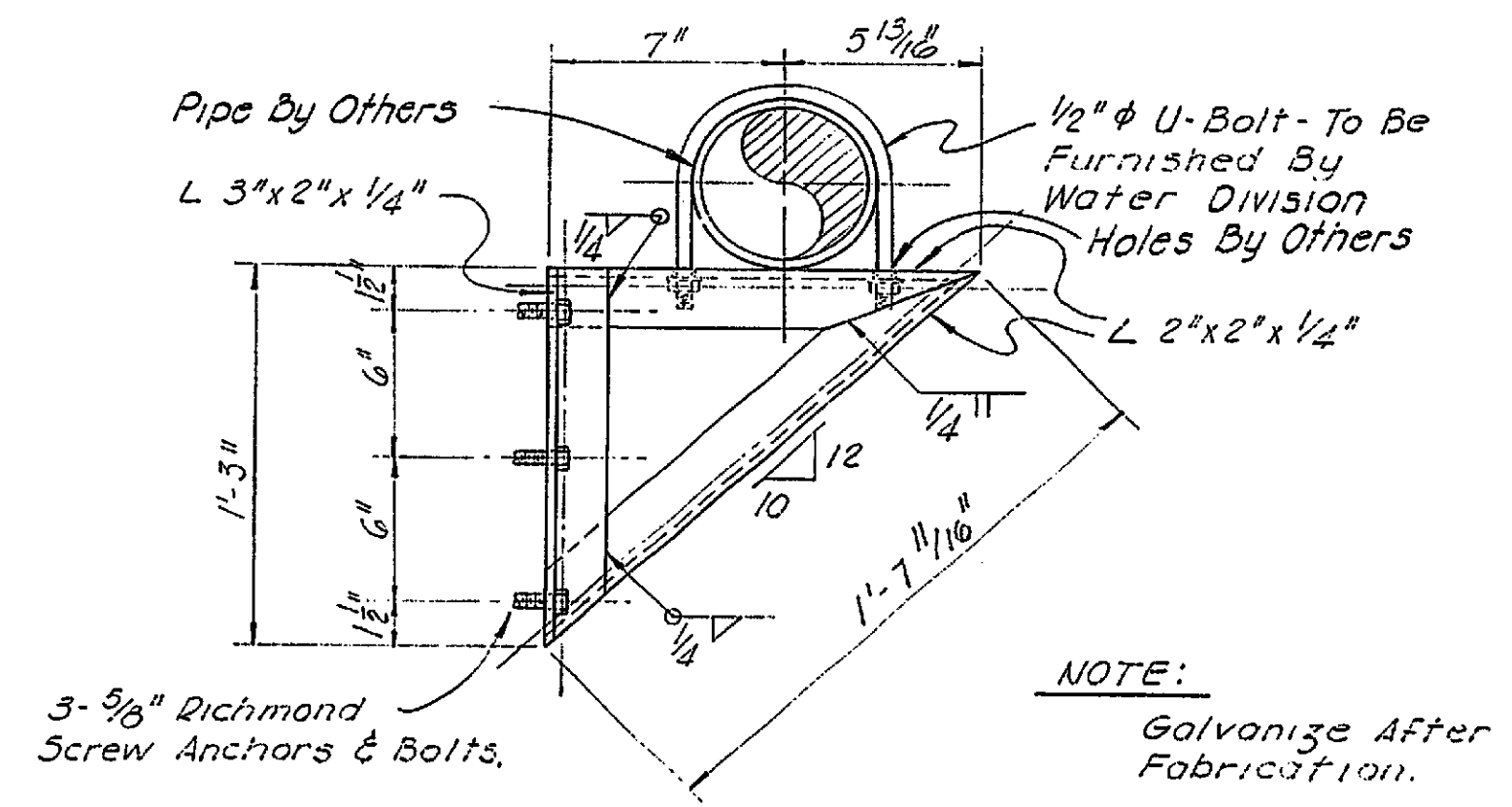
- NOTES:**
1. Concrete To Be Placed In Dry Hole.
 2. Penetration & Length Of Piles To Be Determined By Engineer At Time Of Drilling.



DECK PLACING DIAGRAM
No Scale

Numbers ① ② & ③ Indicate Sequence Of Placing Deck Concrete. Each Constitutes A Separate Pour. ① & ③ Or ② & ③ Sections May Be Placed In One Continuous Pour, Progressing From One End, Providing The Other Section Has Been Placed Previously.

CAST-IN-DRILLED HOLE CONCRETE PILE
3/4" = 1'-0"

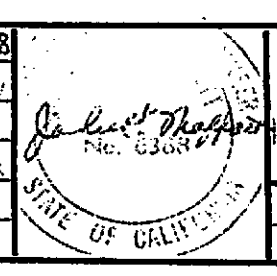


BRIDGE PIPELINE SUPPORT BRACKET
No Scale

BRACKETS MODIFIED BY WATER DIVISION.

PLAN R-1078

NO.	REVISION	BY	DATE
1	AS BUILT	7-4	2-15-63

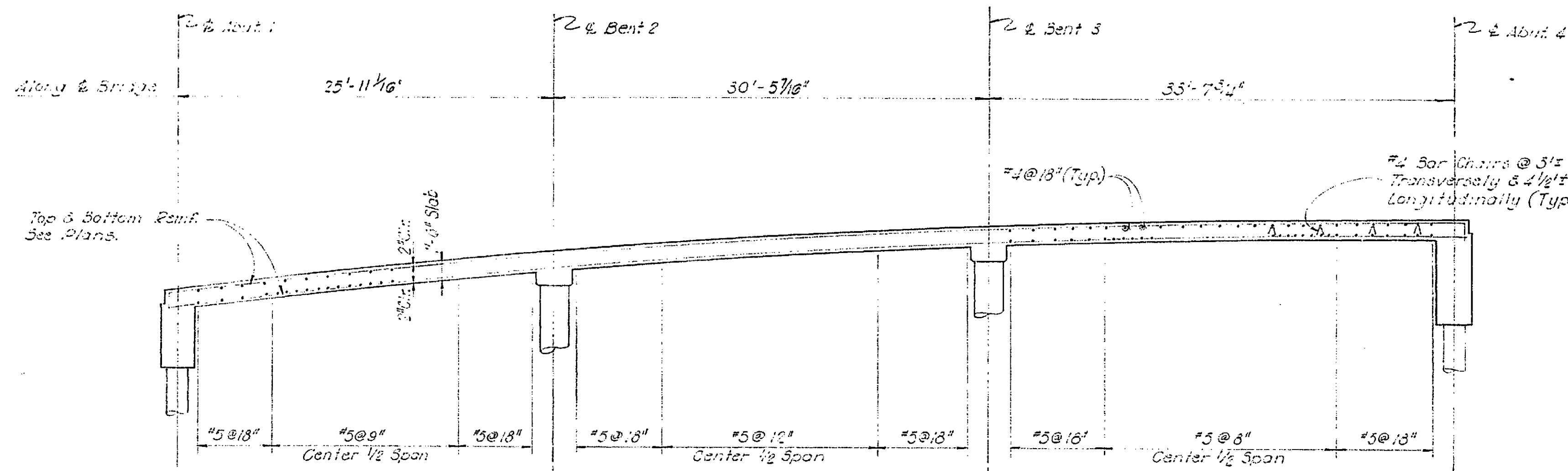


MOFFATT & NICHOL ENGINEERS
LONG BEACH, CALIFORNIA

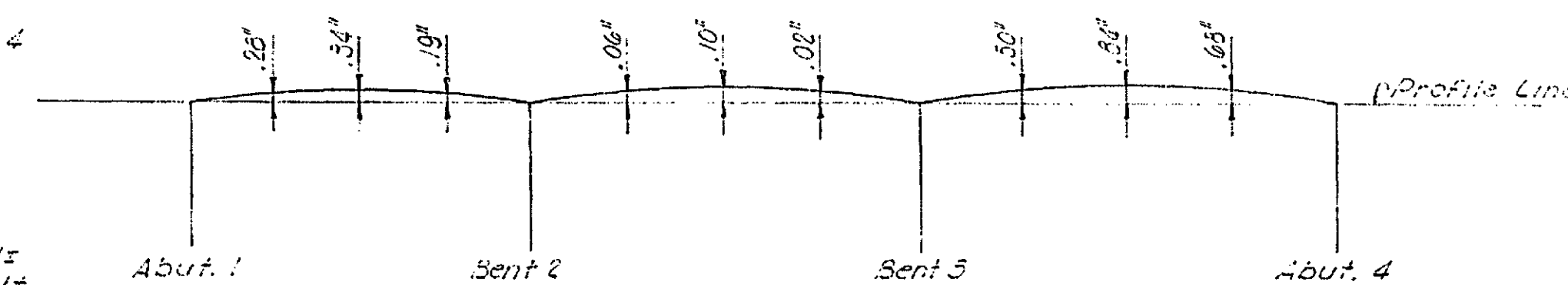
DESIGNED BY *Schultze* CHECKED BY *Neill*
DRAWN BY *Wilson* IN CHARGE *Davidson*

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
OLIVEWOOD AVENUE OVERHEAD
AT THE U. P. RAILROAD

SCALE	DATE
Notes	2-15-63
JOB NO.	L-1129
SHEET	BR-5
OF	7

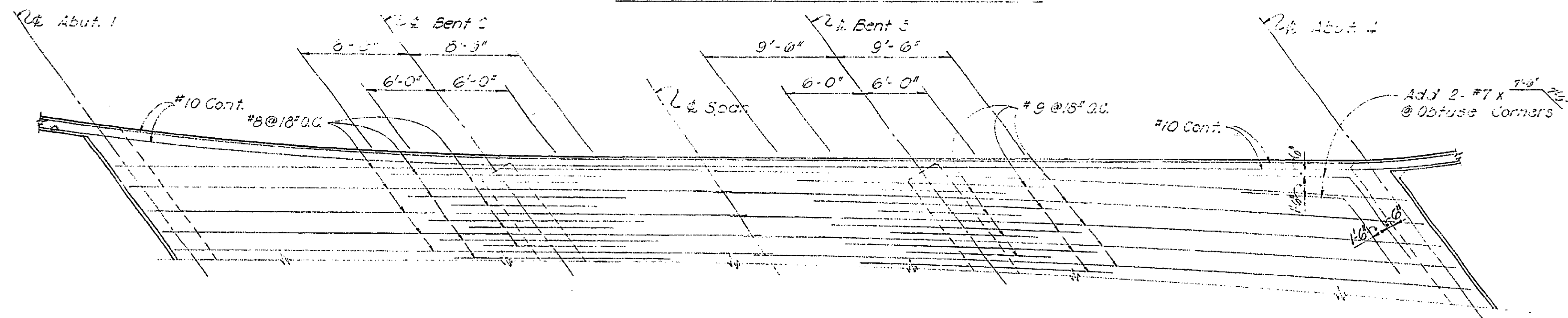


LONGITUDINAL SECTION

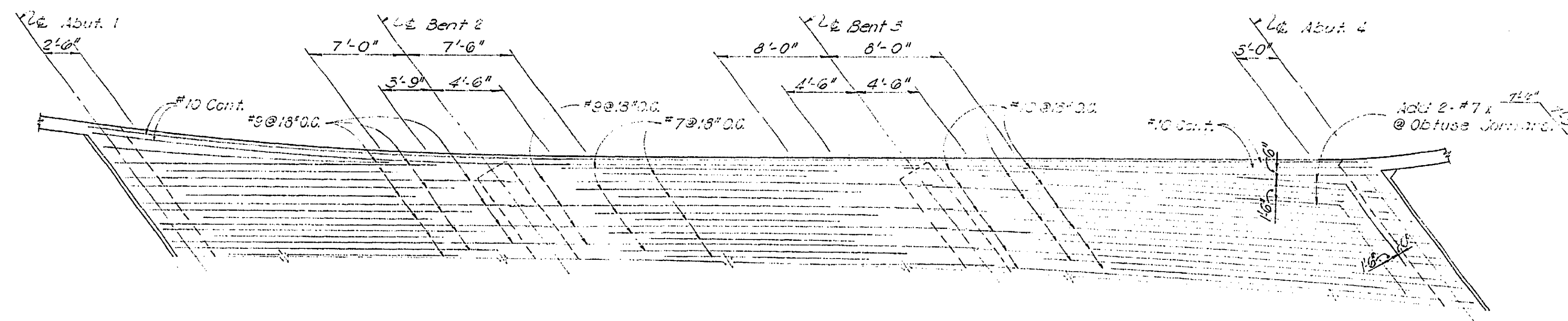


CAMBER DIAGRAM

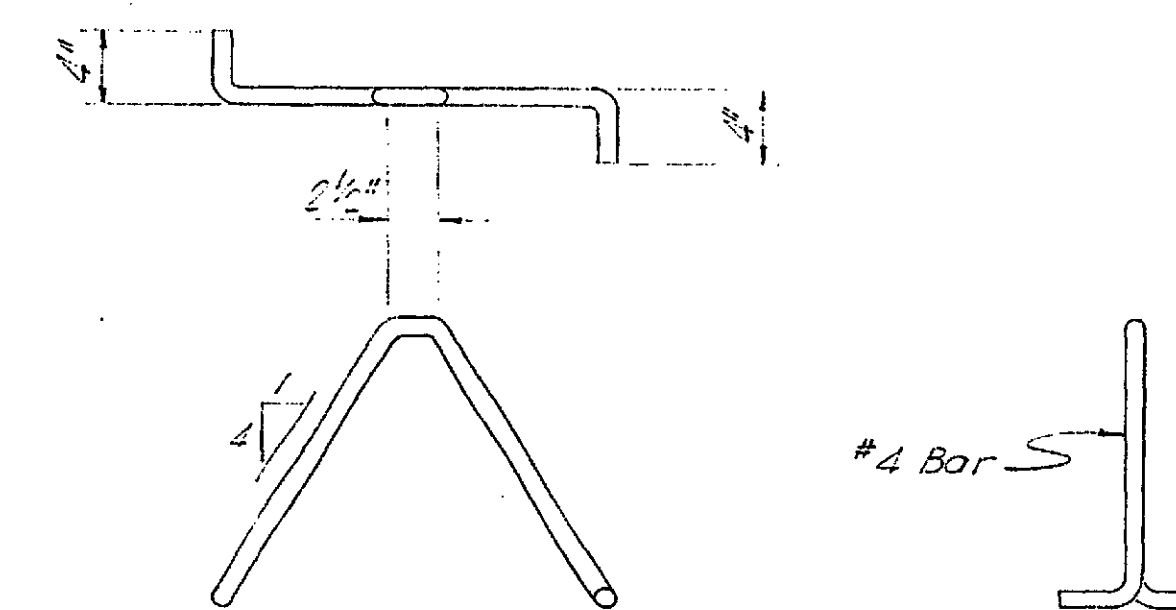
- NOTES:
1. Camber shown is Total Dead Load Deflection @ 1/2 Points Of Span.
 2. The Total Deflection Will Be Reached About 4 Years After Falsework Removal. For Values At Time Of Falsework Removal Divide Those Shown By 4.
 3. The Amount Of Camber For Construction Will Be Determined By The Engineer.



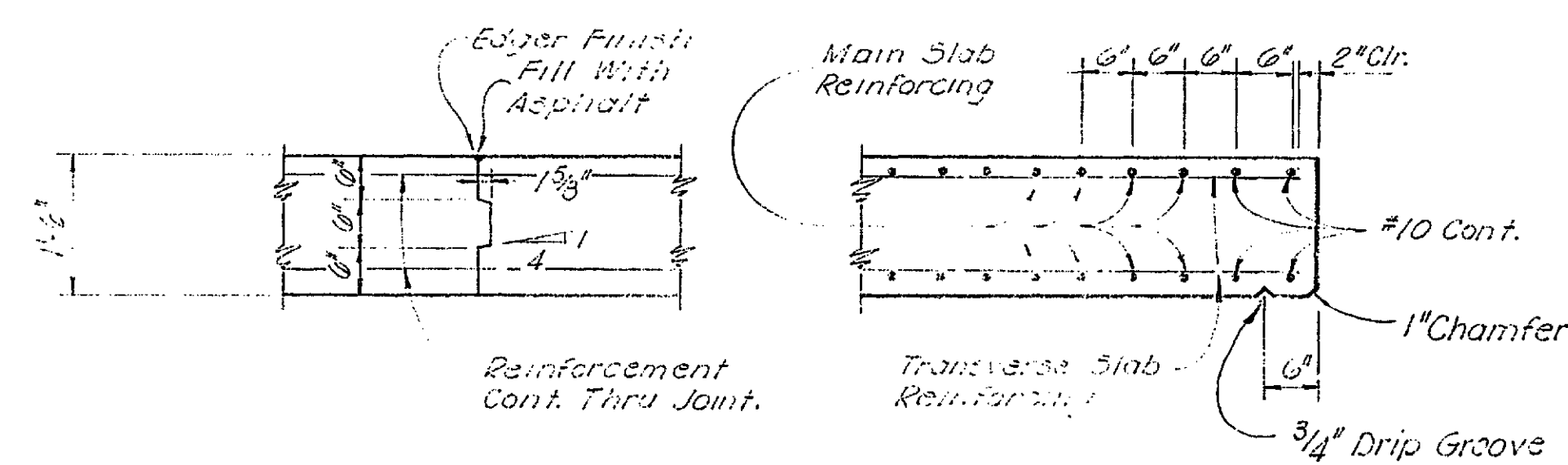
REINFORCEMENT - TOP OF SLAB



REINFORCEMENT - BOTTOM OF SLAB



BAR CHAIR DETAIL



LONGITUDINAL OR TRANSVERSE SLAB CONSTRUCTION JOINT

EDGE OF SLAB DETAIL

NOTE: Transverse Joints, if used, to be located at 1/2 Point of Span and longitudinal Joints to be located at Ends of Traffic Lanes Unless Otherwise Permitted By The Engineer.

REINFORCING NOTES

1. Top Bars To Be Spliced 35 Diameters At Or Near A Span When Necessary.
2. Bottom Bars To Be Spliced 20 Diameters At Or Near A Bent When Necessary.
3. Place Longitudinal Top & Bottom Bars Parallel With Roadway (Except Edge Bars @ Flared Ends).
4. Place Transverse Top & Bottom Bars Parallel With Supports & Seals Along Roadway.

* AS BUILT	1/26	2/19/63
NO.	REVISION	BY DATE

MOFFATT & NICHOL ENGINEERS
LONG BEACH, CALIFORNIA

DESIGNED BY *Schulze* CHECKED BY *Neill*
DRAWN BY *Wilson* IN CHARGE *Davidson*

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
OLIVEWOOD AVENUE OVERHEAD
AT THE U.P. RAILROAD
DECK REINFORCING

PLAN R-1078

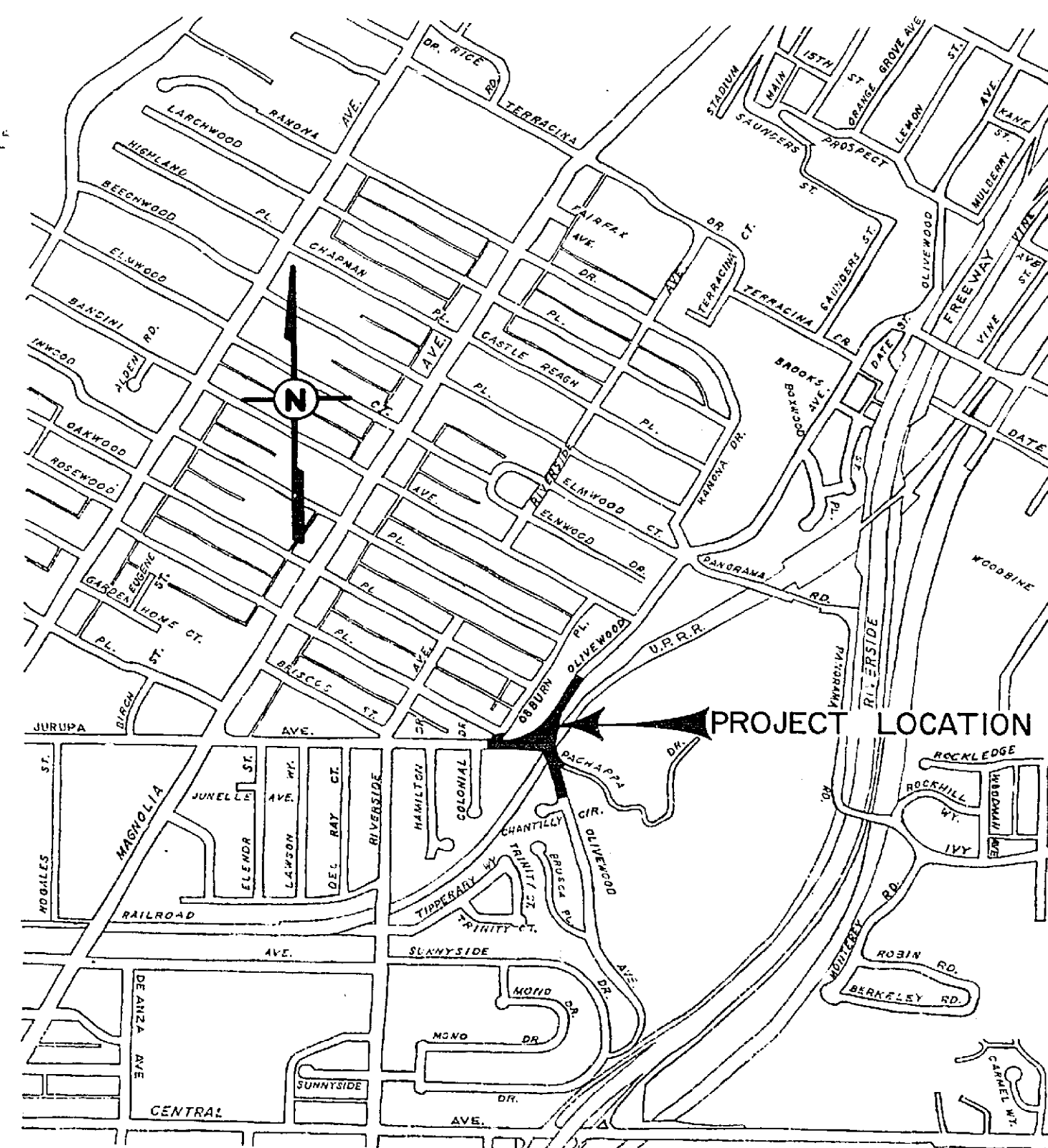
SCALE	DATE
1/4" = 1'-0"	11-27-52
JOB NO.	SHEET
L-1129	BR-6
	OF 7

CITY OF RIVERSIDE, CALIFORNIA

OLIVEWOOD AVENUE OVERHEAD

AT THE UNION PACIFIC RAILROAD

CROSSING NO. 3-559-A



VICINITY MAP
SCALE 1" = 800'

INDEX TO SHEETS

ROADWAY	
Sheet No.	Title
1.	Title Sheet
2.	Typical Roadway Sections
3.	Construction Plan - Jurupa Ave. & Olivewood Ave. (North)
4.	Construction Profiles
5.	Construction And Grade Plans - Olivewood Ave. (South)
6.	Miscellaneous Roadway Details (DELETED)
7.	Traffic Control Plan (NOT USED)
8.	Right Of Way (DELETED)
9.	Street Lighting
10.	Retaining Wall
BRIDGE	
BR-1	Plan & Elevation
BR-2	Abutment 1
BR-3	Bents 2 & 3
BR-4	Abutment 4
BR-5	Typical Section
BR-6	Deck Reinforcing
BR-7	Barrier Railing Details
CROSS SECTIONS (Available separately)	
1 - 5.	Jurupa Ave. & Olivewood Ave. (North)
6 - 8.	Olivewood Ave. (South)
9.	Pachappa Dr.
10.	Osburn Pl.

MAYOR

BEN H. LEWIS

COUNCIL MEMBERS

J. H. BACKSTRAND	WILLIAM H. SULLIVAN
HENRY W. COIL, JR.	JOSEPH L. RENCK
JOHN M. SOTELO	BRUCE B. BETZ
CHARLES R. MUNSON	

CITY MANAGER

JOHN B. WENTZ

DIRECTOR OF PUBLIC WORKS AND CITY ENGINEER

JAMES F. MARTINEK

ASST. CITY ENGINEER

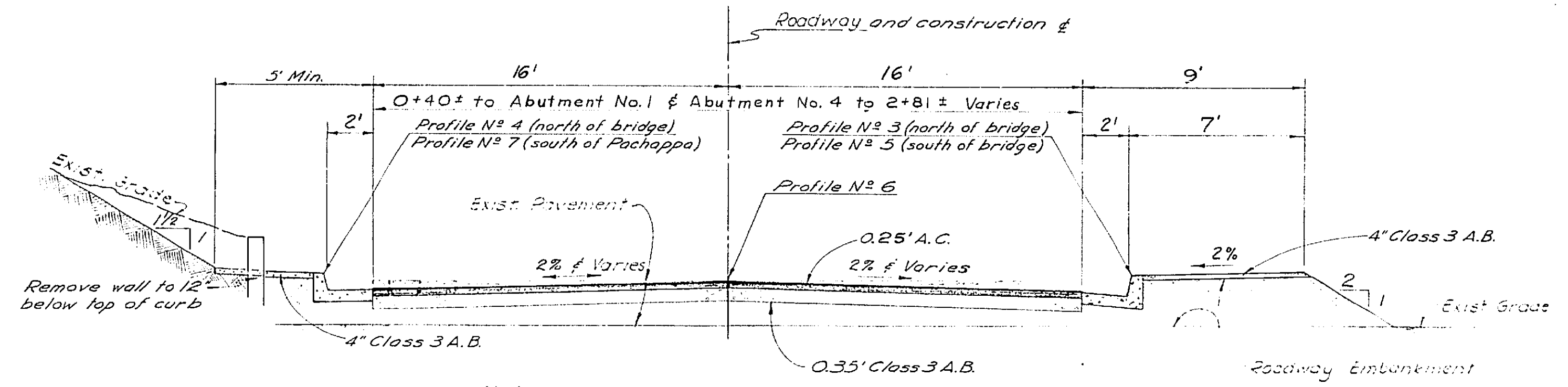
WILLIAM D. GARDNER

MOFFATT & NICHOL, ENGINEERS
LONG BEACH, CALIFORNIA

CAUTION
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT

7:30 A.M. to 5 P.M. & Holidays
Alpine County 714-633-0811 714-637-6606
Butte County 714-684-0071 714-637-6606
Colusa County 714-684-0071 714-637-6606
El Dorado County 714-621-3111
Fresno County 714-621-3111
Inyo County 714-278-0555 714-232-6927
San Diego County 714-278-0555 714-232-6927

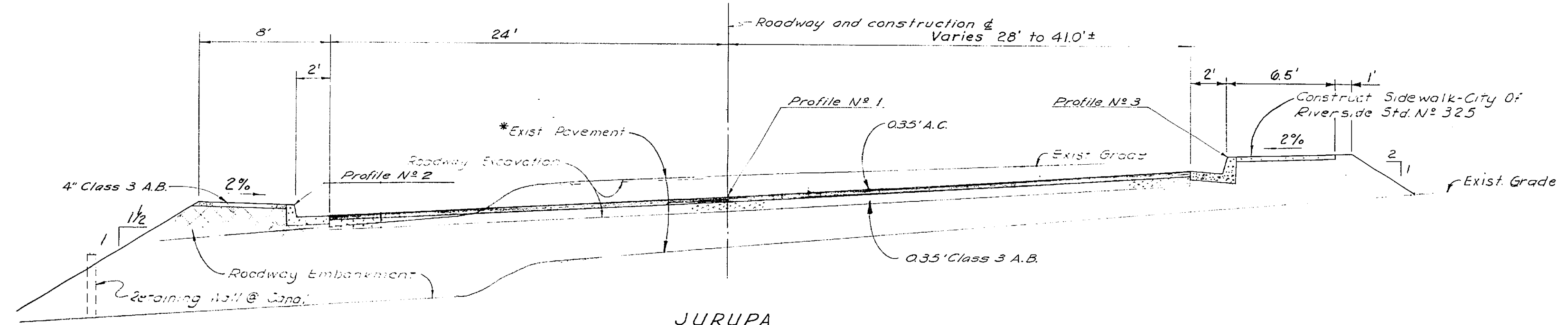
REVISIONS			CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	
MARK	DATE	DESCRIPTION		
*	2-13-68	AS BUILT		
			OLIVEWOOD AVENUE OVERHEAD AT THE UNION PACIFIC RAILROAD	
			Title Sheet	
			DESIGNED BY D.C.H.	SUBMITTED BY James F. Martinek
			DRAWN BY J.R.G.	APPROVED BY James F. Martinek
			CHECKED BY D.C.H.	RECOMMENDED BY William D. Gardner
			DATE 4-12-67	PROJ. NO. 2002 R-1078 SHEET 1 OF 10



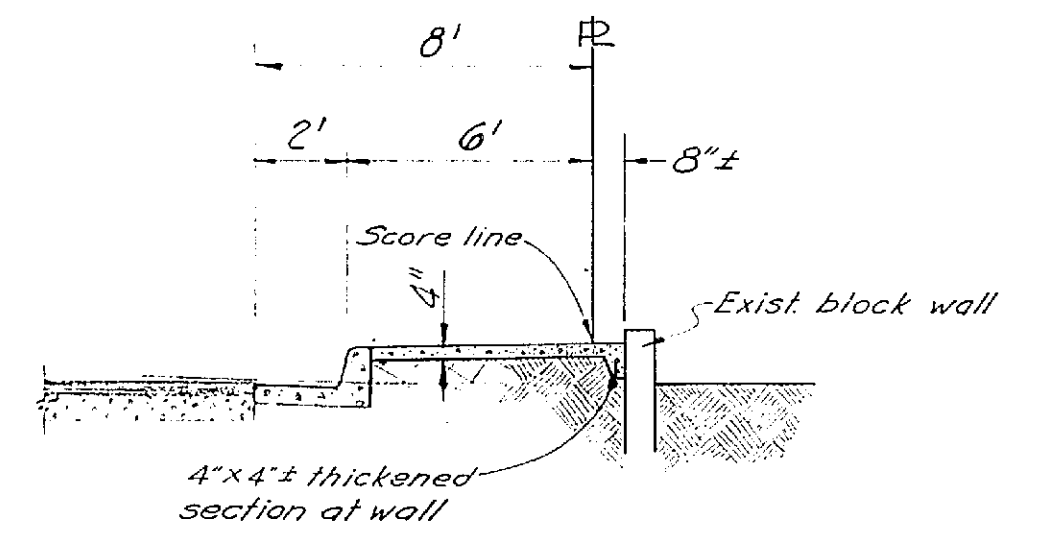
Note:
For typical section thru bridge see
sheet BR-1

OLIVEWOOD - SOUTH
Sta. 0+40± To Match Existing
Pachappa Dr. same structural section

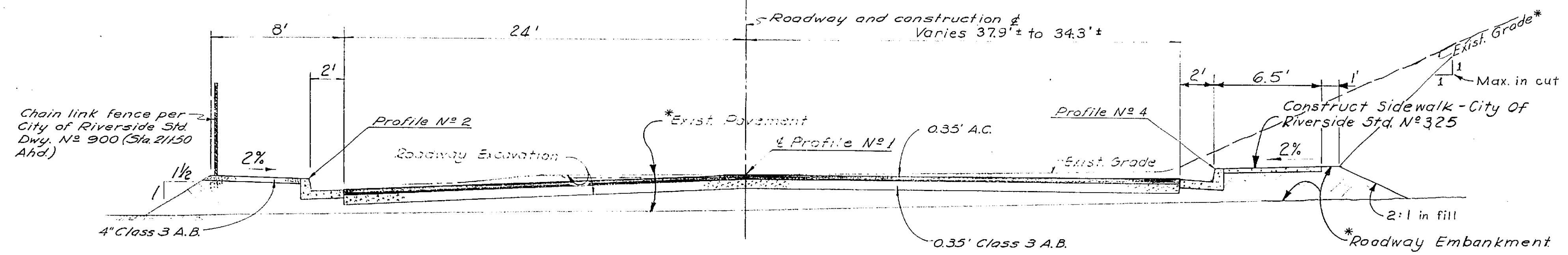
- Note:**
1. Curb and gutter shall be City of Riverside standard detail drawing N° 200, C.F. 6" - except as noted.
 2. * Indicates cut and fill conditions.



JURUPA
Sta. 19+50 to Sta. 21+77
Match existing to Sta. 19+50



South Side JURUPA @
Sta. 18+33± Rt. To Sta. 18+90± Rt.



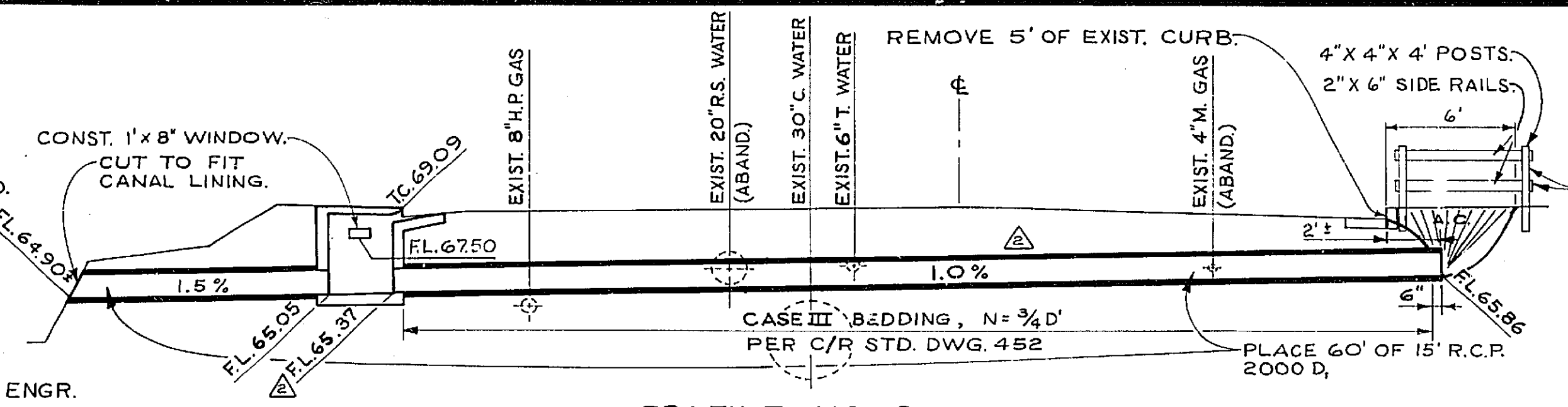
OLIVEWOOD - NORTH
Sta. 21+77 To Match Existing

DESIGN DESIGNATION	
ADT (1965)	= 1,100
ADT (1985)	= 5,000
TRAFFIC INDEX	= 7 Jurupa to Olivewood (North)
DESIGN SPEED	V = 35 MPH
TRAFFIC INDEX	= 5 Side streets and Olivewood (South)

PLAN R-1078

APPROVED BY OFFICE ENGINEER DATE 1/2/68	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 7-1-67	SCALE None	DATE Aug-68
MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA		DEPARTMENT OF PUBLIC WORKS CITY OF RIVERSIDE, CALIFORNIA OLIVEWOOD AVENUE OVERHEAD AT THE U.P. RAILROAD TYPICAL ROADWAY SECTIONS	
DESIGNED BY Neill	CHECKED BY Davidson	JOB NO. L-1129	
DRAWN BY Wilson	IN CHARGE Davidson	SHEET 2 OF 10	

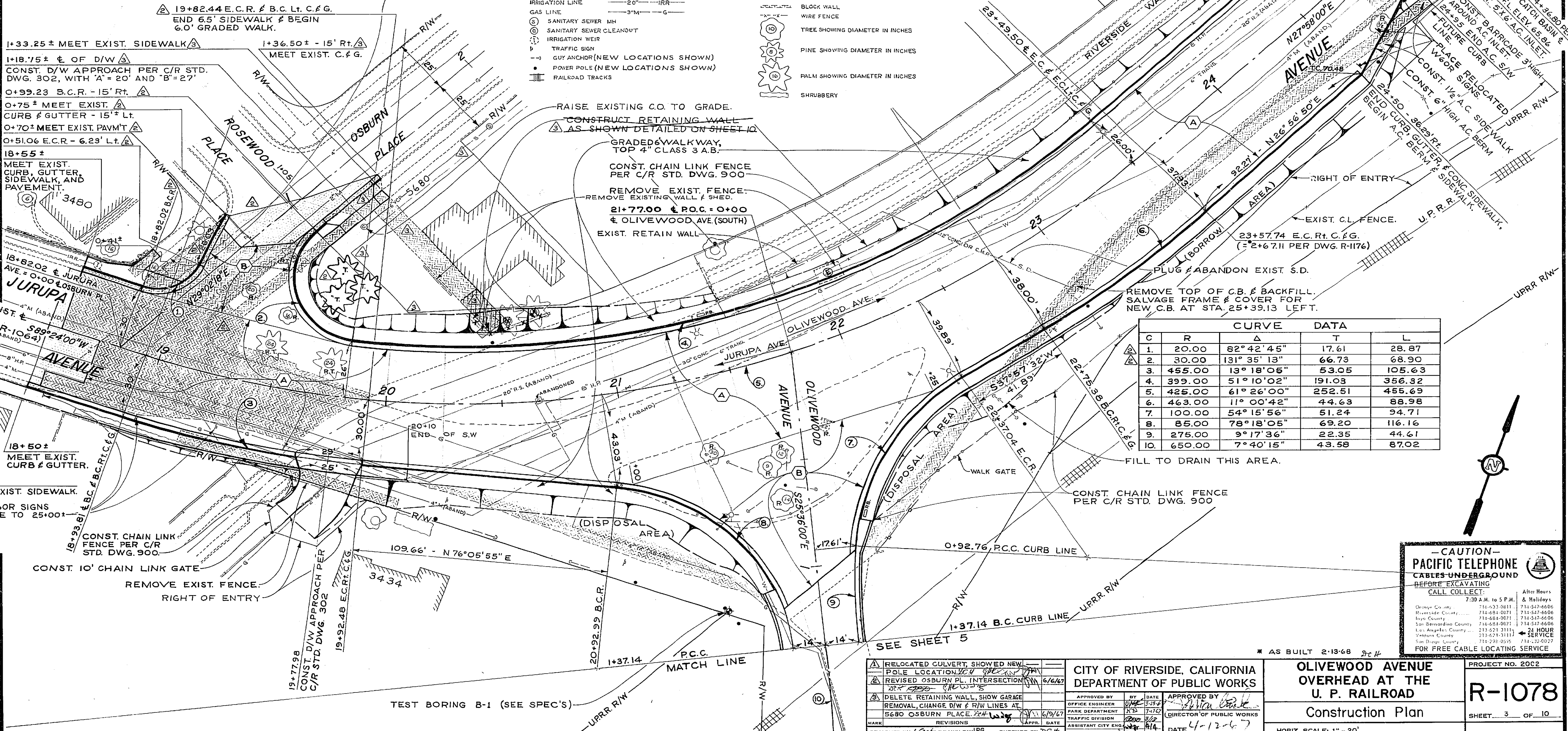
- LEGEND:**
- SIDEWALK, CURB, GUTTER, AND PAVEMENT TO BE REMOVED.
 - A.C. OVERLAY
 - CONSTRUCT CURB, GUTTER, AND CURB SIDEWALK PER C/R STD. DWG. 325, EXCEPT AS NOTED.
 - CONSTRUCT CURB, AND GUTTER PER C/R STD. DWG. 200
 - CONSTRUCT 0.35' A.C. OVER 0.35' CL. 3.A.B.
 - CONSTRUCT 0.25' A.C. OVER 0.35' CL. 3.A.B.
 - TREES TO BE REMOVED & DISPOSED OF OFFSITE
 - TREES TO BE REMOVED & TRANSPLANTED.
 - TRANSPORTED TREES, LOCATION TO BE APPR. BY THE ENGR.
 - CURVE DATA AS NOTED IN TABLE ON THIS SHEET.
 - TOP OF SLOPE
 - TOE OF SLOPE
 - DIRECTION OF FLOW
 - SEE SHEET 9 FOR STREET LIGHTING DETAILS.



25+37.5#
 END CHAIN LINK FENCE AND CONNECT TO EXIST. FENCE
 CONST. 1'x8" WINDOW IN C.B. WALL TO RECEIVE PRESENT FLOW. WINDOW FL. ELEV. 67.50
 25+43.63 - 26' LEFT, END CURB & GUTTER.
 25+39.13 CONST. 4' C.B. TYPE 3 PER C/R STD. DWG. 405
 CONST. 3' HIGH BARRICADE.
 CONST. 2" A.C. SWALE TO CHANNEL FLOW INTO WINDOW IN SIDE OF CATCH BASIN.
 24+90.63 MEET EXIST. PAVEMENT, BEGIN A.C. OVERLAY. (4+00 PER DWG. R-1176)

PROFILE NO. 8
 SCALE: HORZ. 1" = 5'
 VERT. 1" = 5'

- EXISTING LEGEND:**
- SANITARY SEWER
 - WATER LINE
 - IRRIGATION LINE
 - GAS LINE
 - SANITARY SEWER MAIN
 - SANITARY SEWER CLEANOUT
 - IRRIGATION WEIR
 - TRAFFIC SIGN
 - GUY ANCHOR (NEW LOCATIONS SHOWN)
 - POWER POLE (NEW LOCATIONS SHOWN)
 - RAILROAD TRACKS
 - WATER METER
 - WATER VALVE
 - BLOCK WALL
 - WIRE FENCE
 - TREE SHOWING DIAMETER IN INCHES
 - PINE SHOWING DIAMETER IN INCHES
 - SHRUBBERY

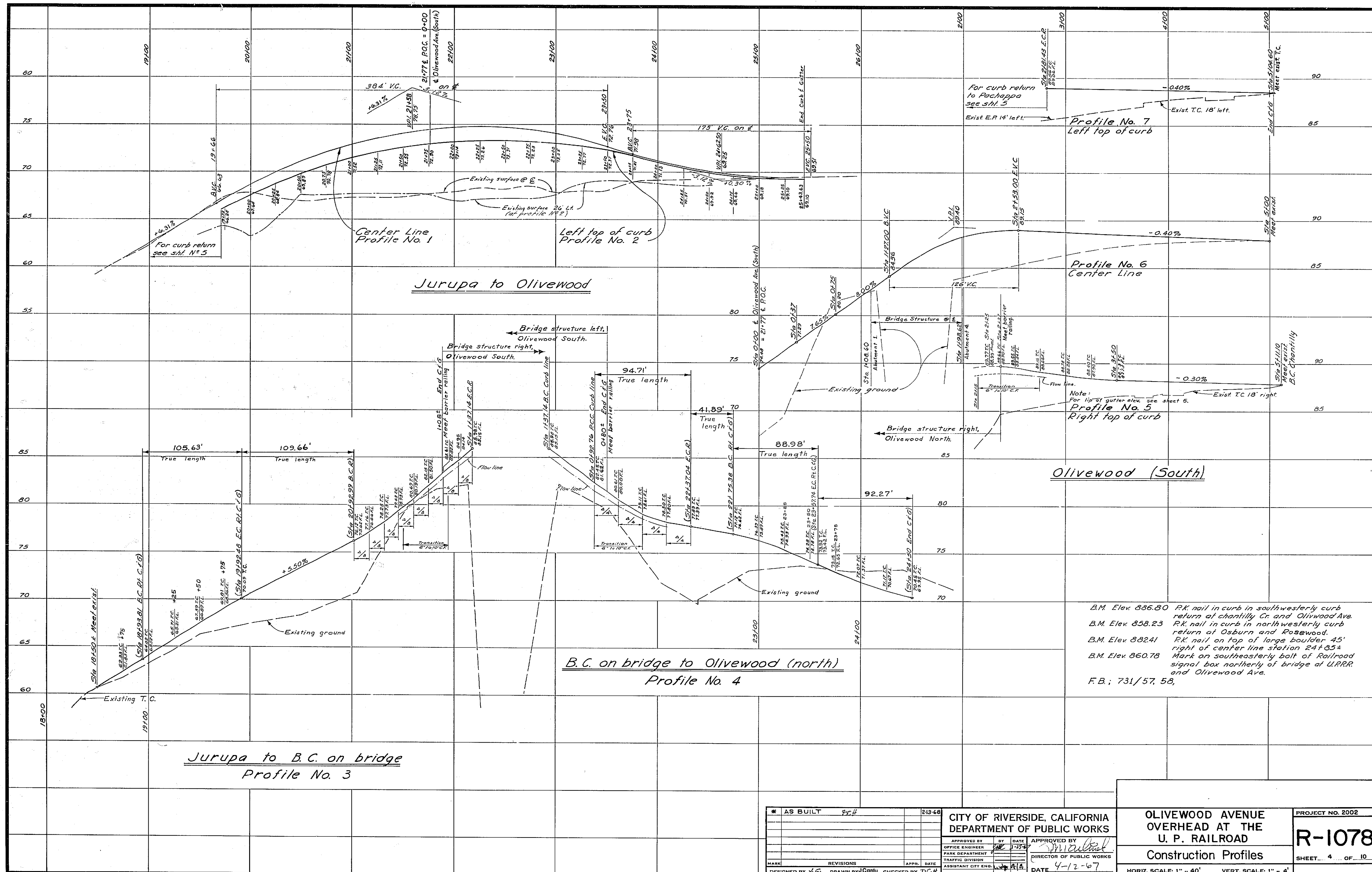


CURVE DATA

C	R	Δ	T	L
1.	20.00	82° 42' 45"	17.61	28.87
2.	30.00	131° 35' 13"	66.73	68.90
3.	455.00	13° 18' 05"	53.05	105.63
4.	399.00	51° 10' 02"	191.03	356.32
5.	425.00	61° 26' 00"	252.51	455.69
6.	463.00	11° 00' 42"	44.63	88.98
7.	100.00	54° 15' 56"	51.24	94.71
8.	85.00	78° 18' 05"	69.20	116.16
9.	275.00	9° 17' 36"	22.35	44.61
10.	650.00	7° 40' 15"	43.58	87.02

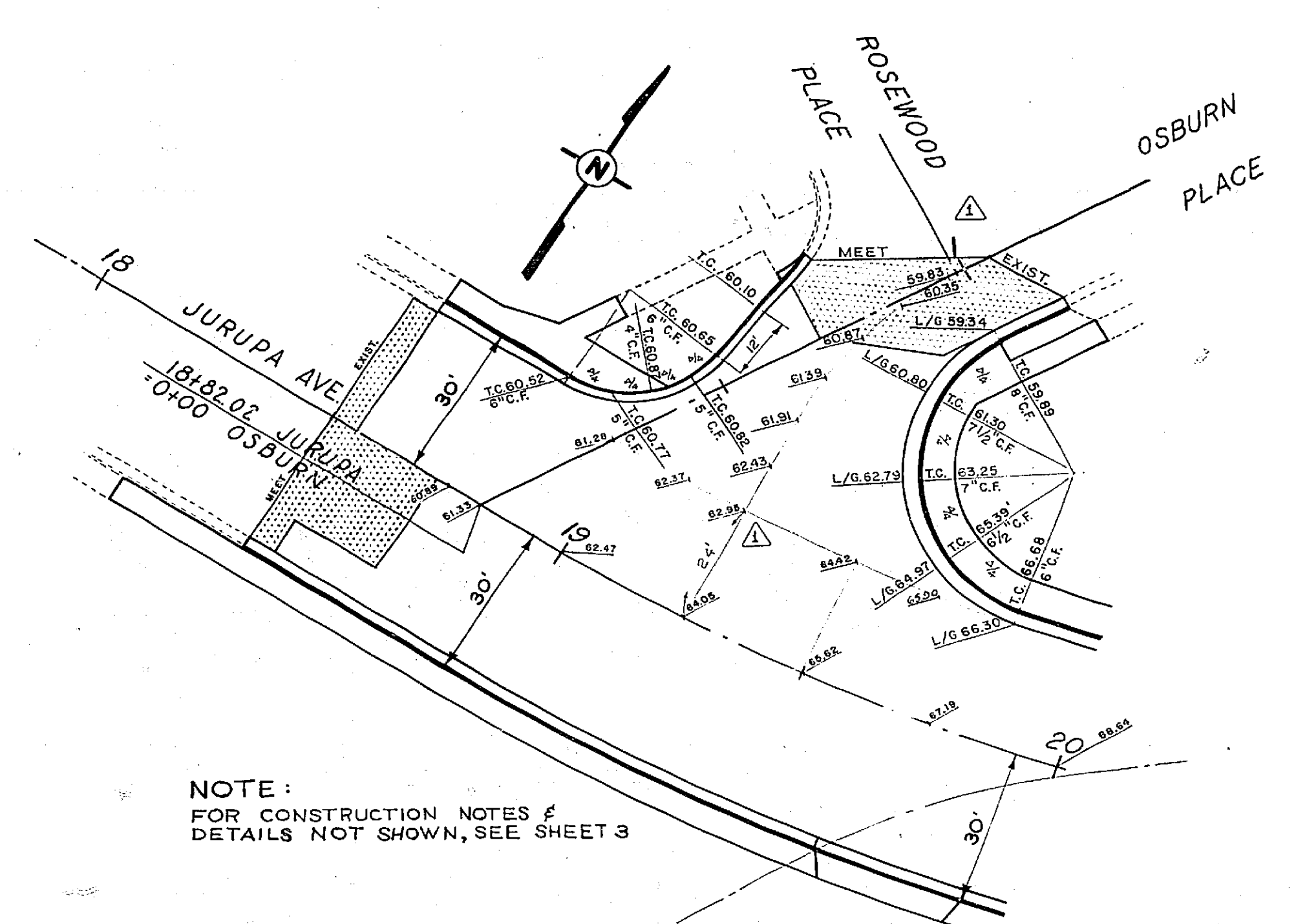
CAUTION -
PACIFIC TELEPHONE
 CABLES UNDERGROUND
 BEFORE EXCAVATING
 CALL COLLECT:
 Alter Hours
 7:30 A.M. to 5 P.M.
 & Holidays

RELOCATED CULVERT, SHOWED NEW POLE LOCATION. REVISED OSBURN PL. INTERSECTION. DELETE RETAINING WALL, SHOW GARAGE REMOVAL, CHANGE D/W & R/W LINES AT 5690 OSBURN PLACE. REVISIONS DESIGNED BY [Signature] DRAWN BY [Signature] CHECKED BY [Signature]	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY [Signature] OFFICE ENGINEER APPROVED BY [Signature] DIRECTOR OF PUBLIC WORKS DATE 4-13-67	OLIVEWOOD AVENUE OVERHEAD AT THE U. P. RAILROAD Construction Plan HORIZ. SCALE: 1" = 20'	PROJECT NO. 2022 R-1078 SHEET 3 OF 10
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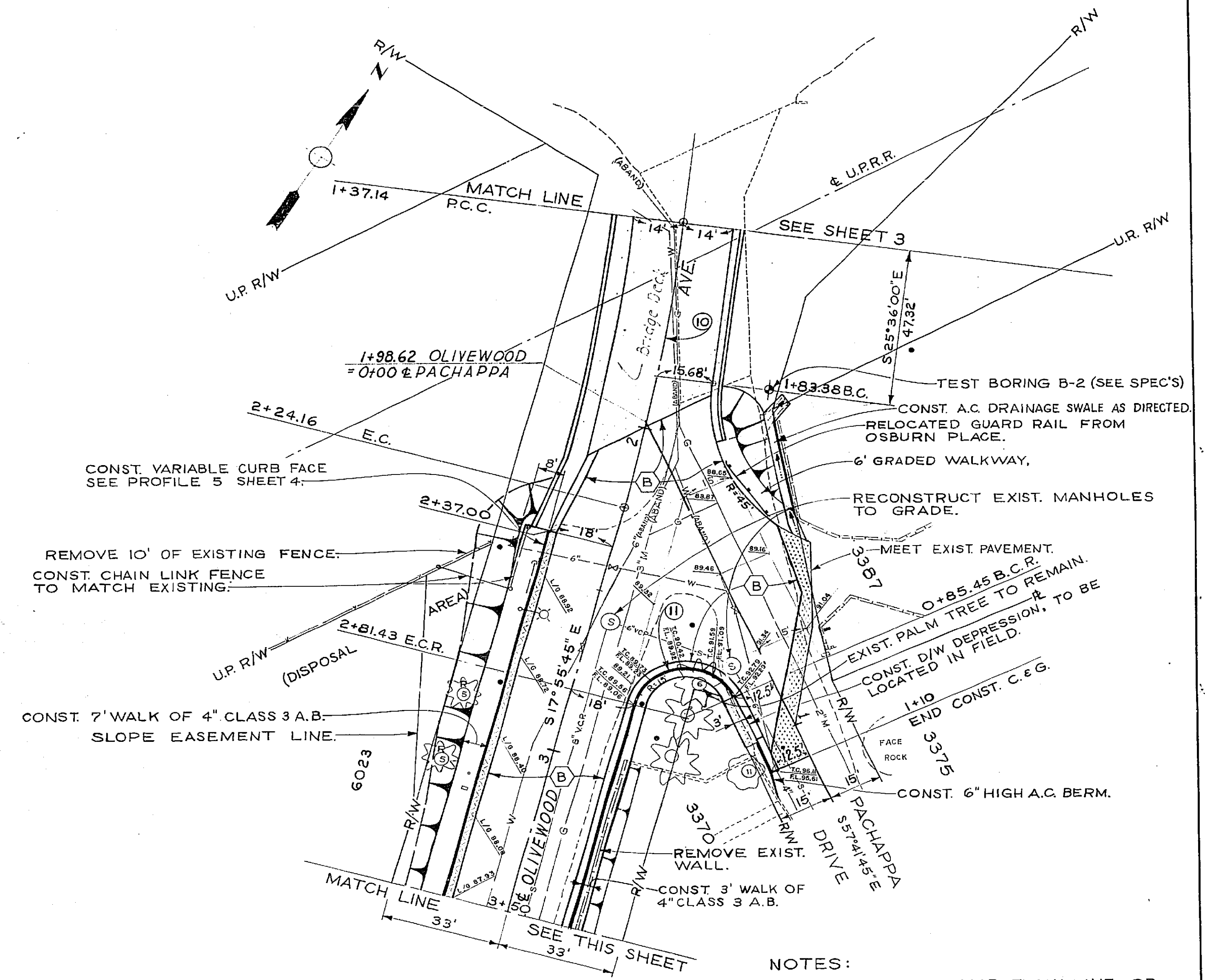
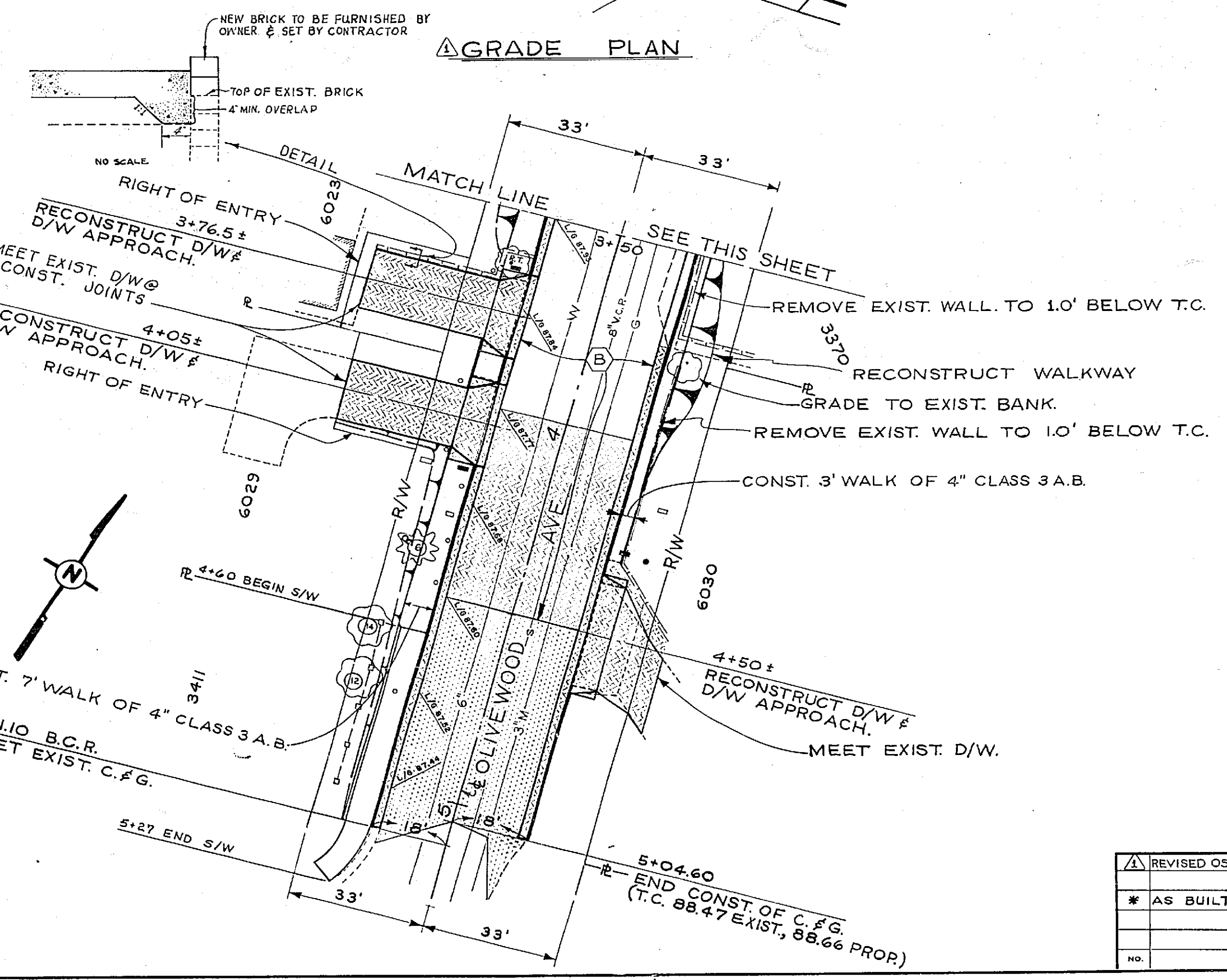


B.M. Elev. 886.80 R.K. nail in curb in southwesterly curb return at Chantilly Cr. and Olivewood Ave.
 B.M. Elev. 858.23 R.K. nail in curb in northwesterly curb return at Osburn and Rosewood.
 B.M. Elev. 882.41 R.K. nail on top of large boulder 45' right of center line station 24+85±
 B.M. Elev. 860.78 Mark on southeasterly bolt of Railroad signal box northerly of bridge at U.P.R.R. and Olivewood Ave.
 F.B.; 731/57, 58,

* AS BUILT		215-68	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		OLIVEWOOD AVENUE OVERHEAD AT THE U. P. RAILROAD		PROJECT NO. 2002
APPROVED BY	DATE		APPROVED BY	DATE	Construction Profiles		R-1078
OFFICE ENGINEER	3-27-67		DIRECTOR OF PUBLIC WORKS				SHEET 4 OF 10
TRAFFIC DIVISION			ASSISTANT CITY ENGINEER	4-12-67	HORIZ. SCALE: 1" = 40'		VERT. SCALE: 1" = 4'
DESIGNED BY J.C.	DRAWN BY J.C.	CHECKED BY D.C.H.					



NOTE:
FOR CONSTRUCTION NOTES &
DETAILS NOT SHOWN, SEE SHEET 3



CONST. VARIABLE CURB FACE
SEE PROFILE 5 SHEET 4.

REMOVE 10' OF EXISTING FENCE.
CONST. CHAIN LINK FENCE
TO MATCH EXISTING.

CONST. 7' WALK OF 4" CLASS 3 A.B.
SLOPE EASEMENT LINE.

CURVE DATA				
C	R	Δ	T	L
10.	650.00	7°40'15"	43.58	87.02
11.	15.00	140°14'00"	41.48	36.71

- NOTES:
- ELEV. ARE TO GUTTER FLOW LINE OR TOP PAVEMENT UNLESS OTHERWISE NOTED.
 - CONST. CURB & GUTTER PER C/R STD. DWG. 200 UNLESS OTHERWISE NOTED.
 - FOR LEGEND OF CONSTRUCTION SYMBOLS SEE SHEET 3.

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT

After Hours
7:30 A.M. to 5 P.M. & Holidays

Orange County 714-633-0811 714-547-6525
Riverside County 714-684-0071 714-947-6525
Inyo County 714-862-7271 714-837-6525
San Bernardino County 714-684-0071 714-327-6525
Ventura County 213-221-3111 213-221-3111
San Diego County 714-247-6525

FOR FREE CABLE LOCATING SERVICE

APPROVED BY OFFICE ENGINEER DATE 11/27/47	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 1-1-47
DESIGNED BY DRAWN BY Moffatt, J.R.G.	CHECKED BY IN CHARGE Johnson

REVISIONS:

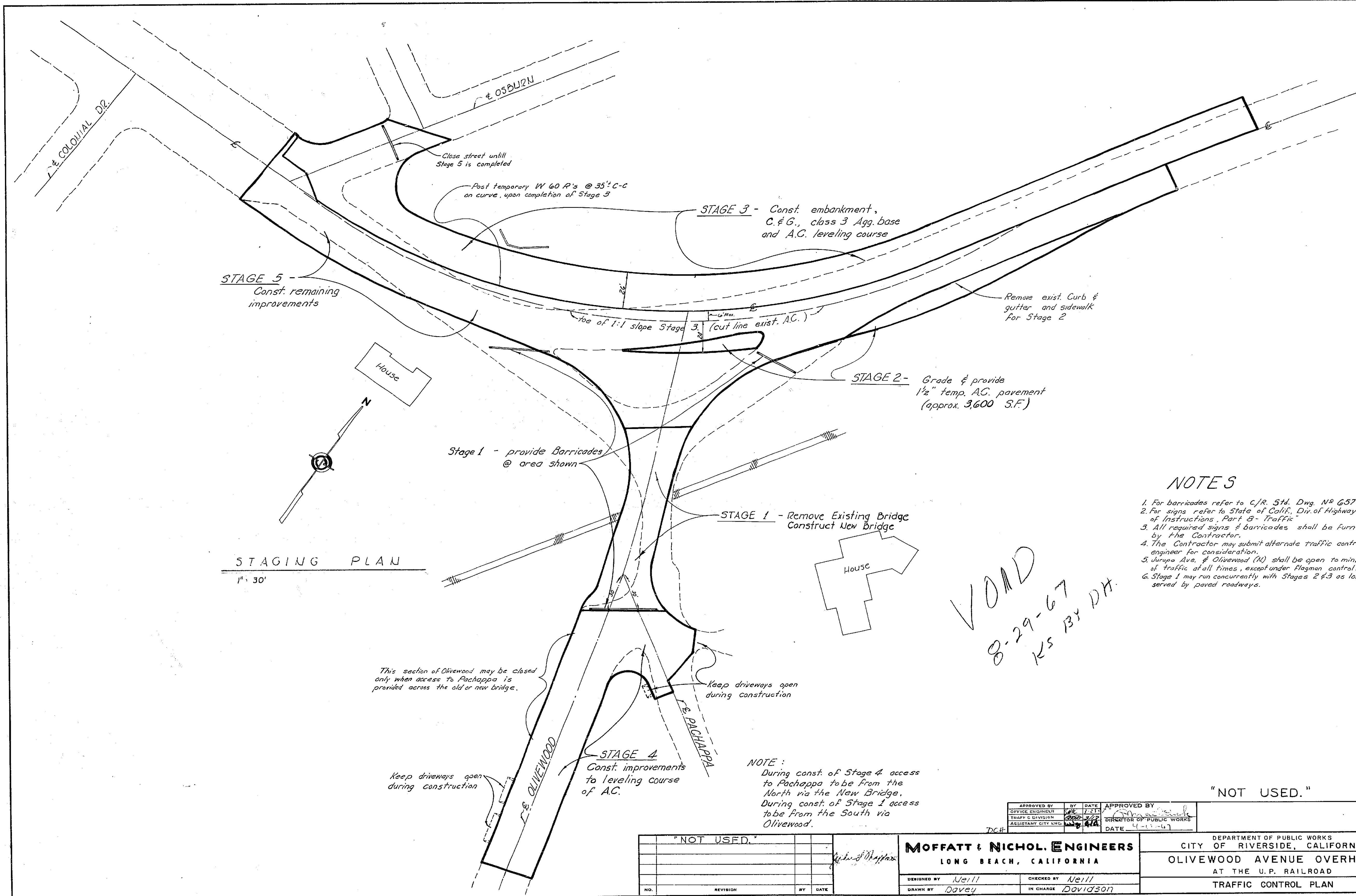
NO.	REVISION	BY	DATE
1	REVISED OSBURN PL. INTERSECTION		10/6/47
2	AS BUILT		2/3/48

MOFFATT & NICHOL ENGINEERS
LONG BEACH, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
OLIVEWOOD AVENUE OVERHEAD
AT THE U.P. RAILROAD
Construction And Grade Plans

SCALE: 1" = 10'
DATE: 11/27/47
SHEET: L-1129
OF 10

PLAN R-1078



STAGING PLAN
1" = 30'

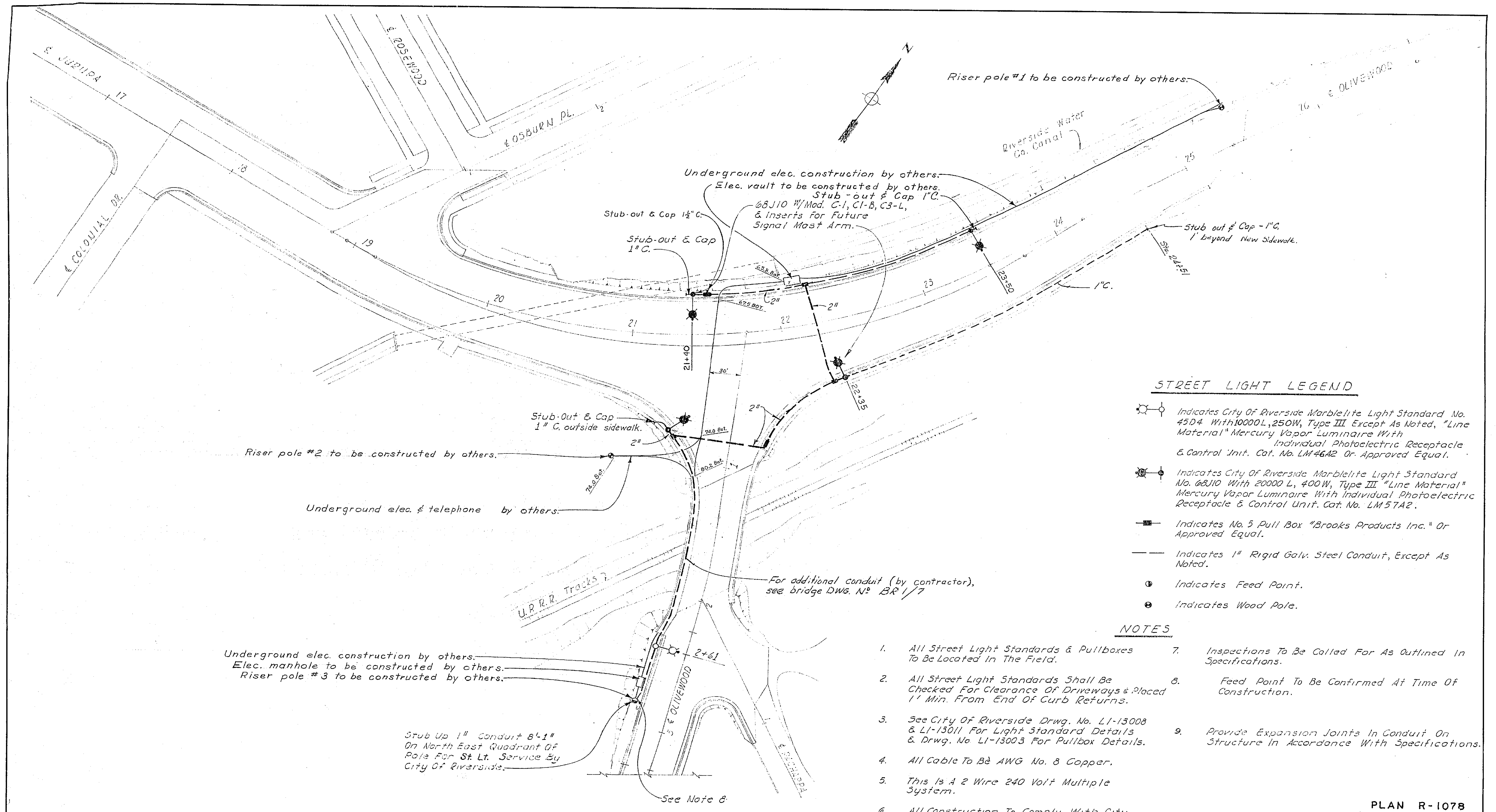
NOTES

1. For barricades refer to C/R. Std. Dwg. No. 657
2. For signs refer to State of Calif., Div. of Highways, "Planning Manual of Instructions, Part B - Traffic"
3. All required signs & barricades shall be furnished & installed by the Contractor.
4. The Contractor may submit alternate traffic control plans to the engineer for consideration.
5. Jurupa Ave. & Olivewood (N) shall be open to minimum of 2 lanes of traffic at all times, except under flagman control.
6. Stage 1 may run concurrently with Stages 2 & 3 as long as traffic is served by paved roadways.

VOID
8-29-67
KS BY DH.

"NOT USED." PLAN R-1078

<p>APPROVED BY</p> <p>OFFICE ENGINEER</p> <p>TRAFFIC DIVISION</p> <p>ASSISTANT CITY ENGINEER</p>	<p>BY</p> <p>DATE</p>	<p>APPROVED BY</p> <p>DIRECTOR OF PUBLIC WORKS</p>	<p>DATE</p>	<p>MOFFATT & NICHOL ENGINEERS</p> <p>LONG BEACH, CALIFORNIA</p>	<p>DEPARTMENT OF PUBLIC WORKS</p> <p>CITY OF RIVERSIDE, CALIFORNIA</p> <p>OLIVEWOOD AVENUE OVERHEAD</p> <p>AT THE U.P. RAILROAD</p> <p>TRAFFIC CONTROL PLAN</p>	<p>SCALE</p> <p>DATE</p> <p>NO. 1</p> <p>SHEET</p> <p>7</p> <p>OF 10</p>
<p>NO. REVISION BY DATE</p>				<p>DESIGNED BY <i>Neill</i> CHECKED BY <i>Neill</i></p> <p>DRAWN BY <i>Dovey</i> IN CHARGE <i>Davidson</i></p>		



STREET LIGHT LEGEND

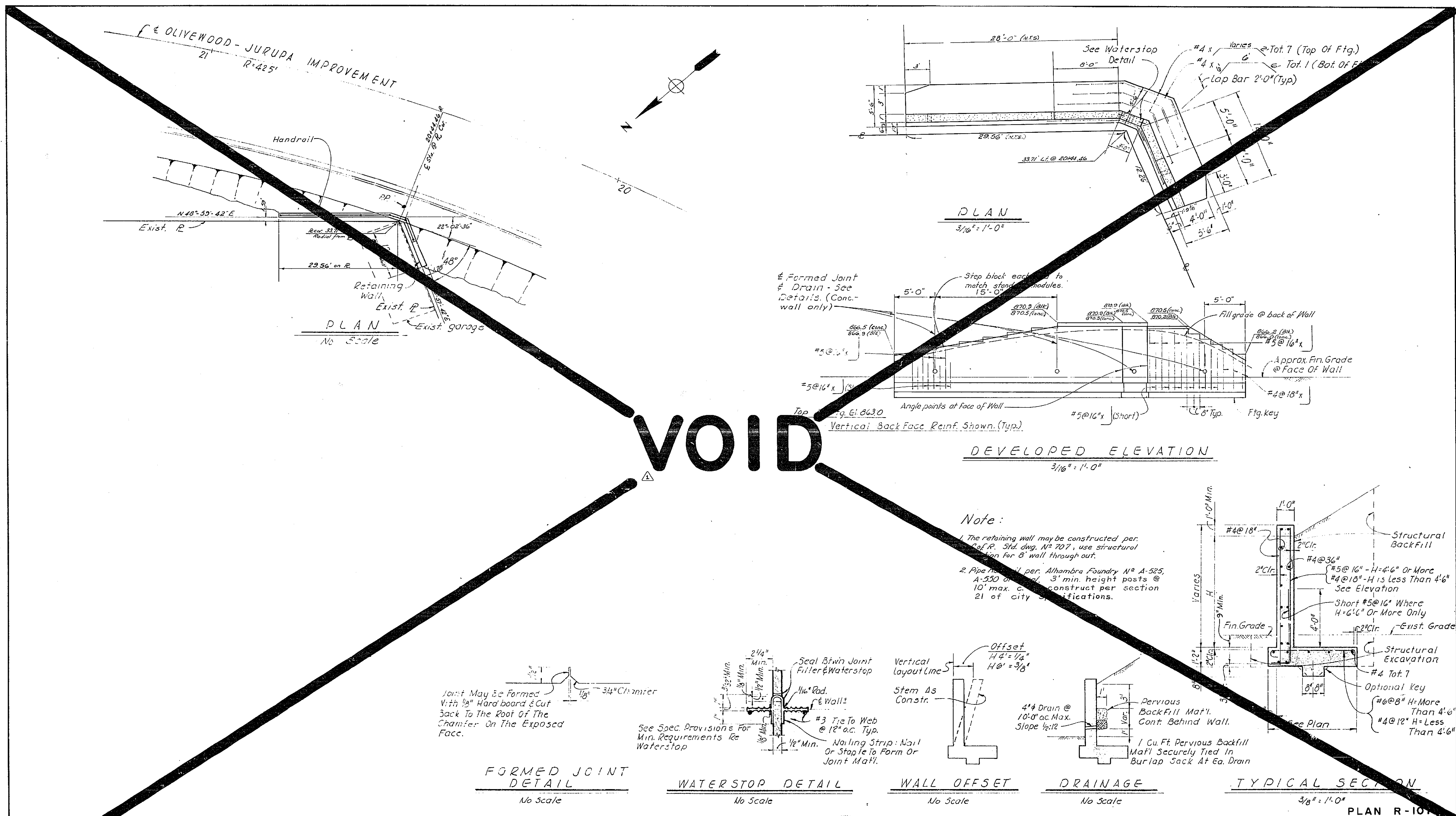
- ⊙ Indicates City Of Riverside Marblelite Light Standard No. 45D4 With 10000L, 250W, Type III Except As Noted, "Line Material" Mercury Vapor Luminaire With Individual Photoelectric Receptacle & Control Unit. Cat. No. LM46A2 Or Approved Equal.
- ⊙ Indicates City Of Riverside Marblelite Light Standard No. 68J10 With 20000 L, 400W, Type III "Line Material" Mercury Vapor Luminaire With Individual Photoelectric Receptacle & Control Unit. Cat. No. LM57A2.
- ⊠ Indicates No. 5 Pull Box "Brooks Products Inc." Or Approved Equal.
- Indicates 1" Rigid Galv. Steel Conduit, Except As Noted.
- ⊙ Indicates Feed Point.
- ⊙ Indicates Wood Pole.

NOTES

1. All Street Light Standards & Pullboxes To Be Located In The Field.
2. All Street Light Standards Shall Be Checked For Clearance Of Driveways & Placed 1' Min. From End Of Curb Returns.
3. See City Of Riverside Drwg. No. LI-13008 & LI-13011 For Light Standard Details & Drwg. No LI-13003 For Pullbox Details.
4. All Cable To Be AWG No. 8 Copper.
5. This Is A 2 Wire 240 Volt Multiple System.
6. All Construction To Comply With City Of Riverside Street Light Specifications.
7. Inspections To Be Called For As Outlined In Specifications.
8. Feed Point To Be Confirmed At Time Of Construction.
9. Provide Expansion Joints In Conduit On Structure In Accordance With Specifications.

PLAN R-107B

APPROVED FOR UTILITIES DEPT. <i>Wilson Campbell</i> GEN. SUPT. & CHIEF ENGINEER DATE 8/21/67	AS BUILT 2-13-68	MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA DESIGNED BY Slater DRAWN BY Wilson CHECKED BY Merrill IN CHARGE Davidson	DEPARTMENT OF PUBLIC WORKS CITY OF RIVERSIDE, CALIFORNIA OLIVEWOOD AVENUE OVERHEAD AT THE U.P. RAILROAD STREET LIGHTING	SCALE 1" = 50' DATE Aug. 68 SHEET L-1129 9 OF 10
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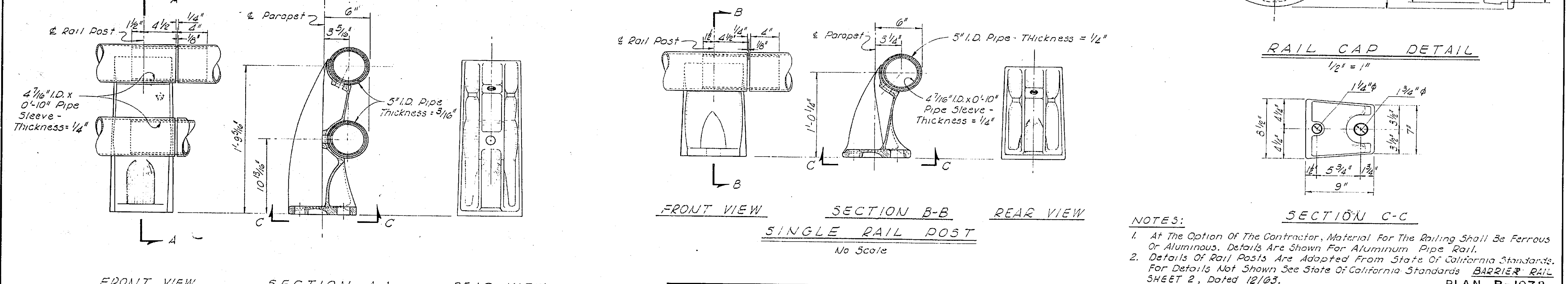
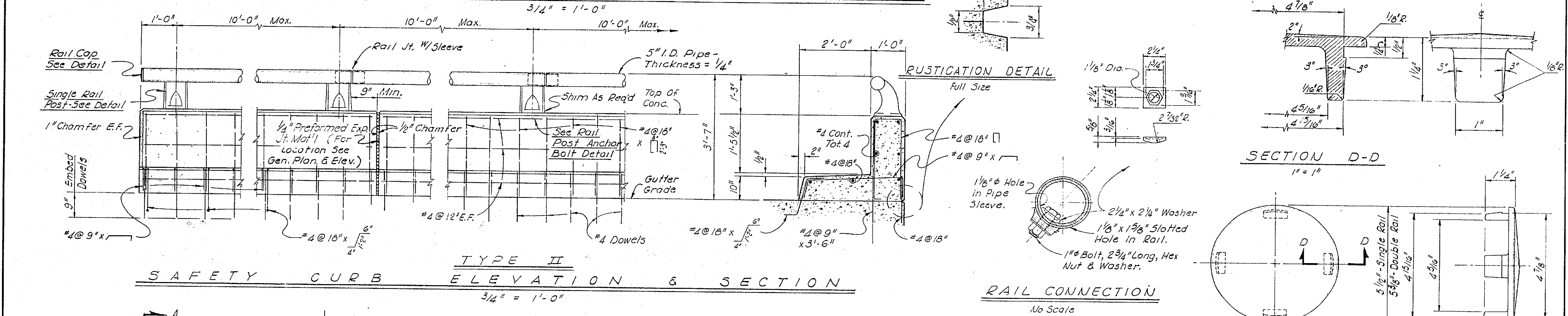
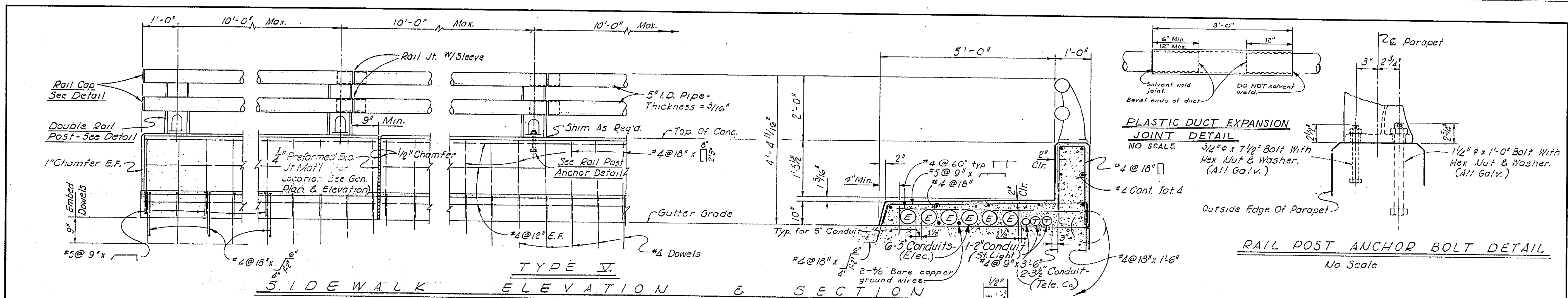
VOID

Note:
 1. The retaining wall may be constructed per Ref. P. Std. Dwg. No. 707, use structural section for 8' wall through out.
 2. Pipe per Alhambra Foundry No. A-525, A-530 or 3' min. height posts @ 10' max. c. to construct 21 of city specifications.

Joint May Be Formed With 1/2\" Hard board & Cut Back To The Root Of The Chamfer On The Exposed Face.

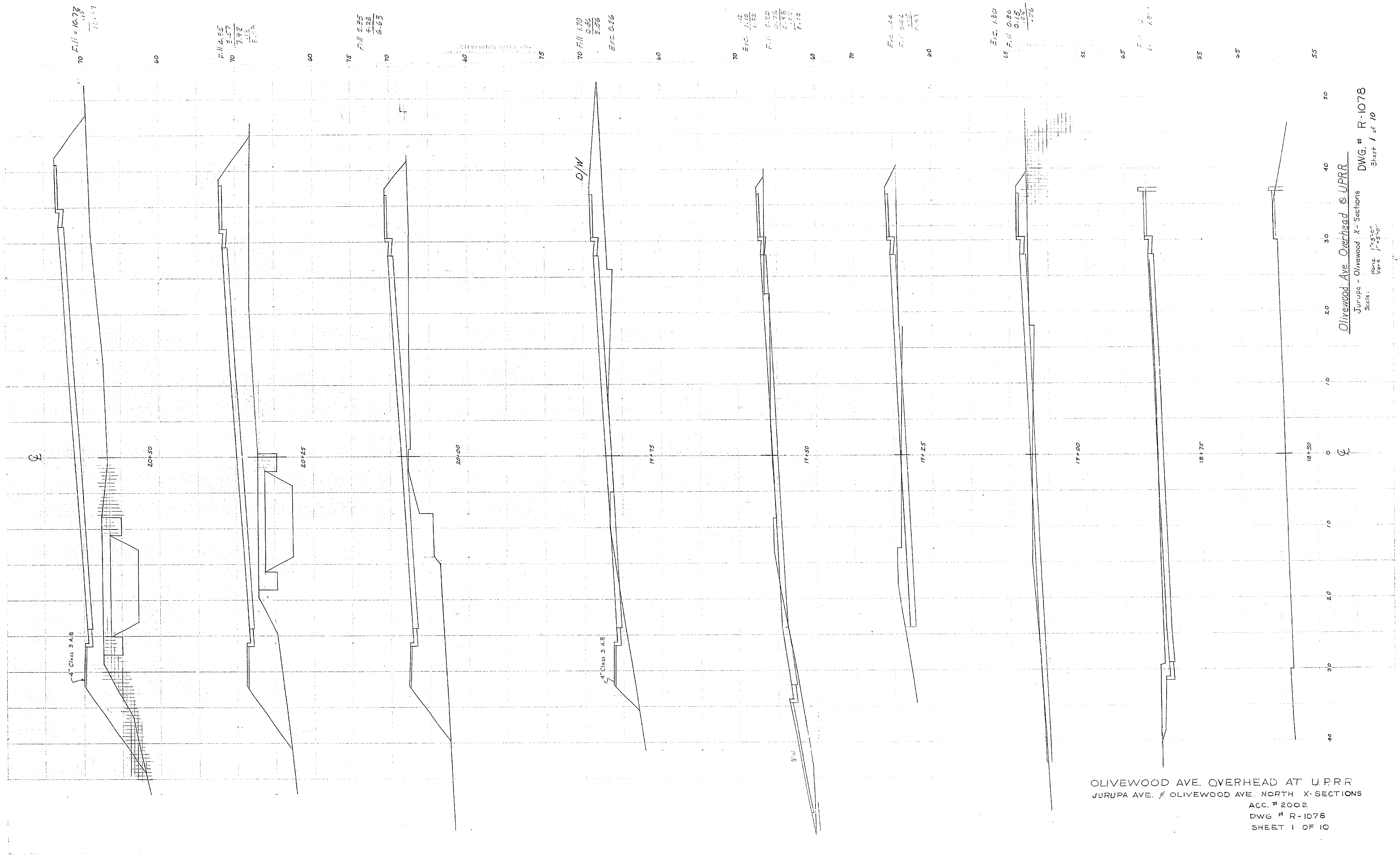
See Spec. Provisions For Min. Requirements Re Waterstop
 #3 Tie To Web @ 12\" o.c. Typ.
 Nailing Strip: Nail Or Staple To Form Or Joint Matl.

APPROVED BY OFFICE ENGINEER DATE	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE	<input checked="" type="checkbox"/> DELETE RETAINING WALL 12/1/67 12/1/67 12/1/67	MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA DESIGNED BY <i>Wilson</i> DRAWN BY <i>Wilson</i>	CHECKED BY <i>Neill</i> IN CHARGE <i>Davidson</i>	DEPARTMENT OF PUBLIC WORKS CITY OF RIVERSIDE, CALIFORNIA OLIVEWOOD AVENUE OVERHEAD AT THE U.P. RAILROAD RETAINING WALL	SCALE Noted DATE Dec. 65 JOB NO. L-1129 SHEET 10 OF 10
NO.	REVISION	BY			DATE	



NOTES:
 1. At The Option Of The Contractor, Material For The Railing Shall Be Ferrous Or Aluminum. Details Are Shown For Aluminum Pipe Rail.
 2. Details Of Rail Posts Are Adapted From State Of California Standards. For Details Not Shown See State Of California Standards BARRIER RAIL SHEET 2, Dated 12/03.

APPROVED FOR UTILITIES DEPT. Don Campbell GEN. SUPT. & CHIEF ENGINEER DATE 3/21/67	AS BUILT 920# 2/13/67	J. Schubert, Designer	MOFFATT & NICHOL ENGINEERS LONG BEACH, CALIFORNIA DESIGNED BY Schultze DRAWN BY Wilson	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS OLIVEWOOD AVENUE OVERHEAD AT THE U.P. RAILROAD BARRIER RAILING DETAILS	SCALE AS SHOWN	DATE 12/67	JOB NO. L-1129	SHEET BR-7	OF 7
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OLIVEWOOD AVE. OVERHEAD AT U.P.R.R.
 JURUPA AVE. & OLIVEWOOD AVE. NORTH X-SECTIONS
 ACC. # 2002
 DWG. # R-1078
 SHEET 1 OF 10

Olivewood Ave. Overhead @ U.P.R.R.
 Jurupa - Olivewood X-Sections
 Scale: Horiz. 1" = 50'-0"
 Vert. 1" = 5'-0"
 DWG. # R-1078
 Sheet 1 of 10

Fill 245
3.16
16.71

Fill 9.58
6.91
16.49

Fill 9.18
6.12
15.36

Fill 7.81
7.21
15.02
11.12
15.16

Fill 6.76
6.16
12.92

Q

21+75

21+50

21+25

21+00

20+75

Q

4" Class 3 AB

4" Class 3 AB

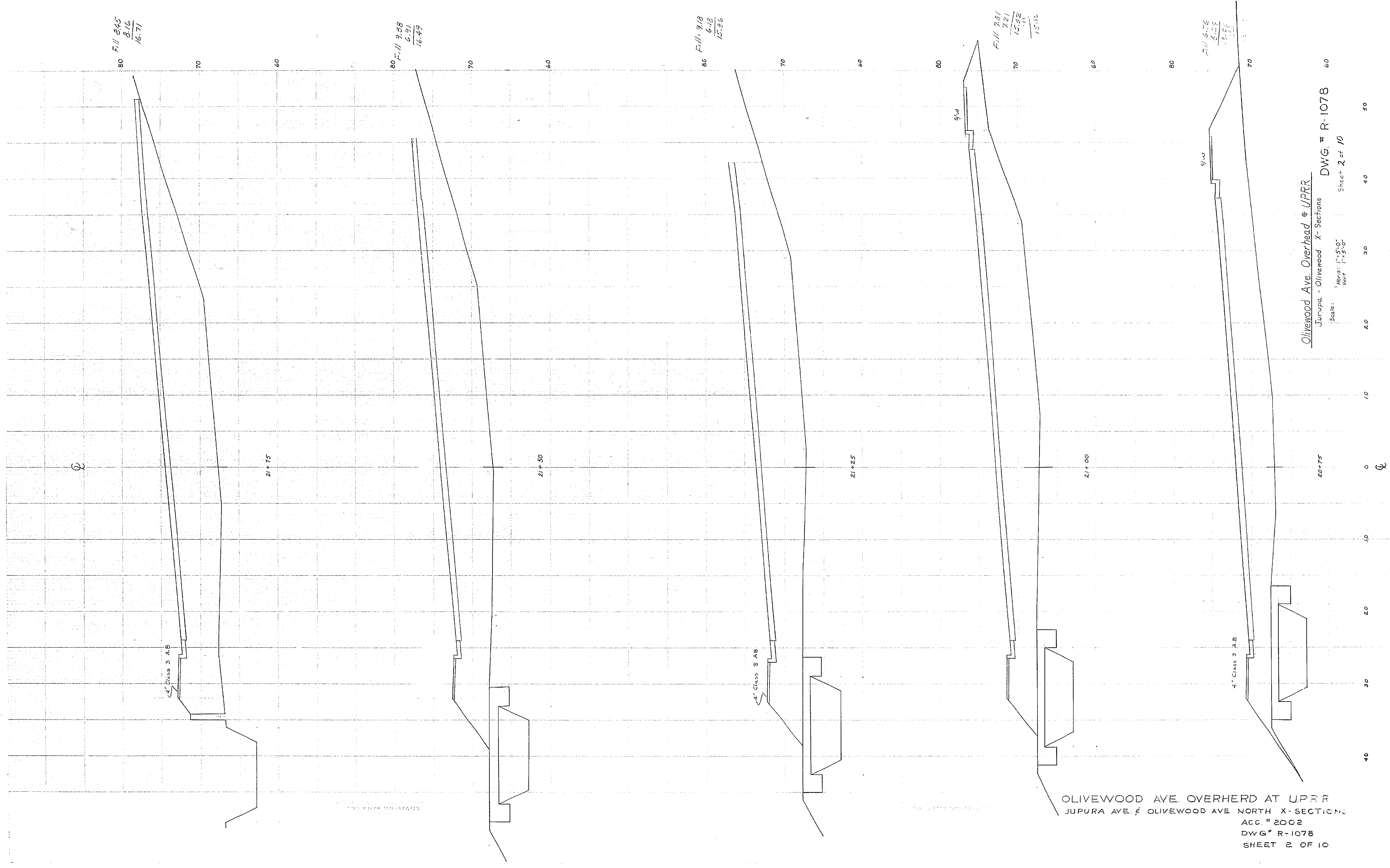
4" Class 3 AB

OLIVEWOOD AVE. OVERHEAD AT UPRR
JUPURA AVE. & OLIVEWOOD AVE NORTH X-SECTIONS
ACC. # 2002
DWG # R-1078
SHEET 2 OF 10

Olivewood Ave. Overhead @ UPRR
Jurupa - Olivewood X-Sections
Scale: Horiz: 1"=50'-0"
Vert: 1"=5'-0"

DWG # R-1078
Sheet # 2 of 10

40 30 20 10 0 10 20 30 40 50 60



80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
360
370
380
390
400
410
420
430
440
450
460
470
480
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510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
660
670
680
690
700
710
720
730
740
750
760
770
780
790
800
810
820
830
840
850
860
870
880
890
900
910
920
930
940
950
960
970
980
990
1000

FILL 8.76
6.77
17.53

1/4"

4" Class 3 A.B.

23+00

FILL 8.65
7.24
15.09

FILL 12.00
10.00
2.00

FILL 5.24
3.22
2.02

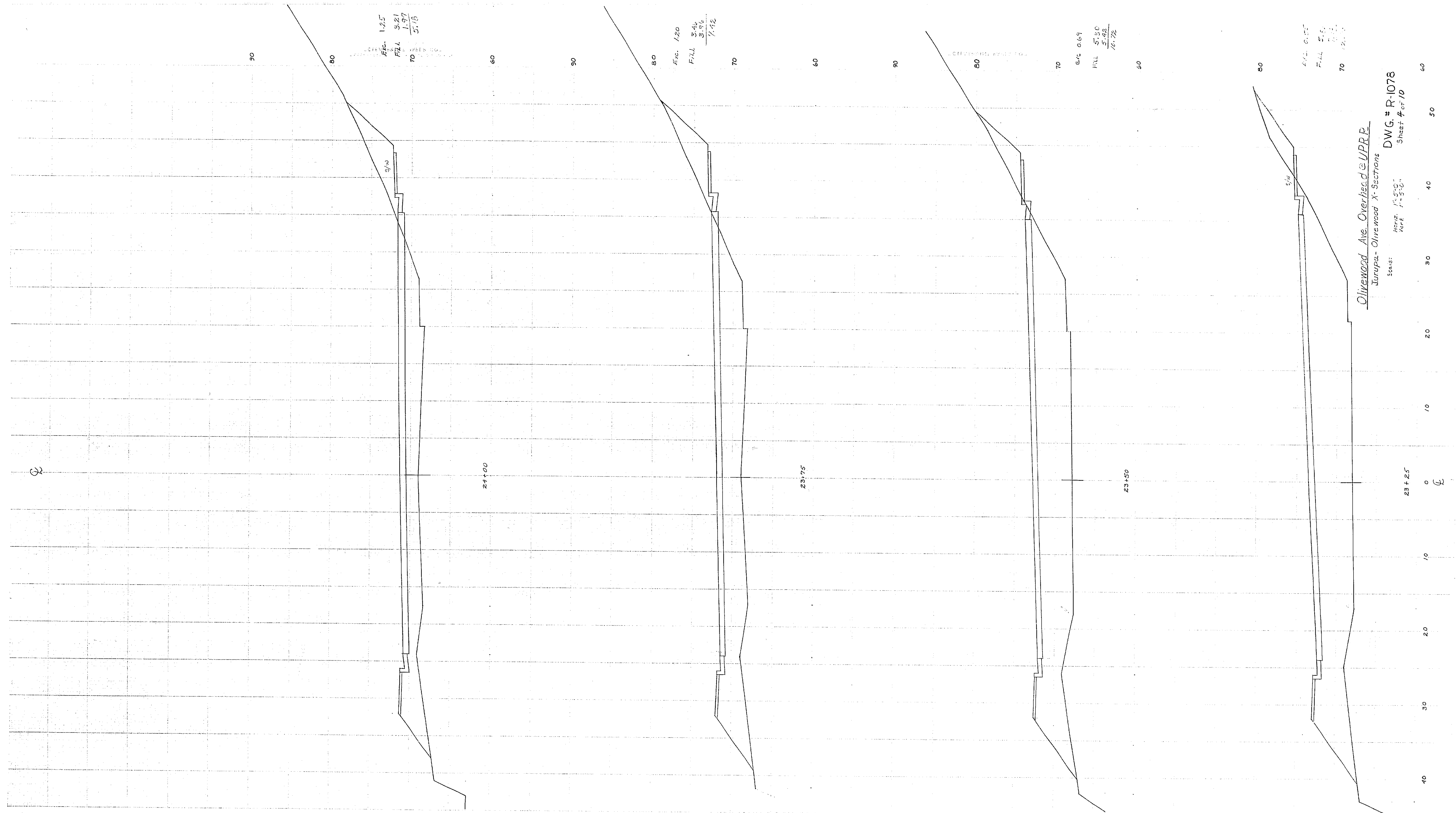
FILL 7.57
7.53
0.04

Olivehood Ave. Overhead at UPRR
Jurupa - Olivehood X-Sections
DWG. # R-1078
Scale: Horiz. 1"=50'
Vert. 1"=5' C.

Sheet 3 of 10

22+00

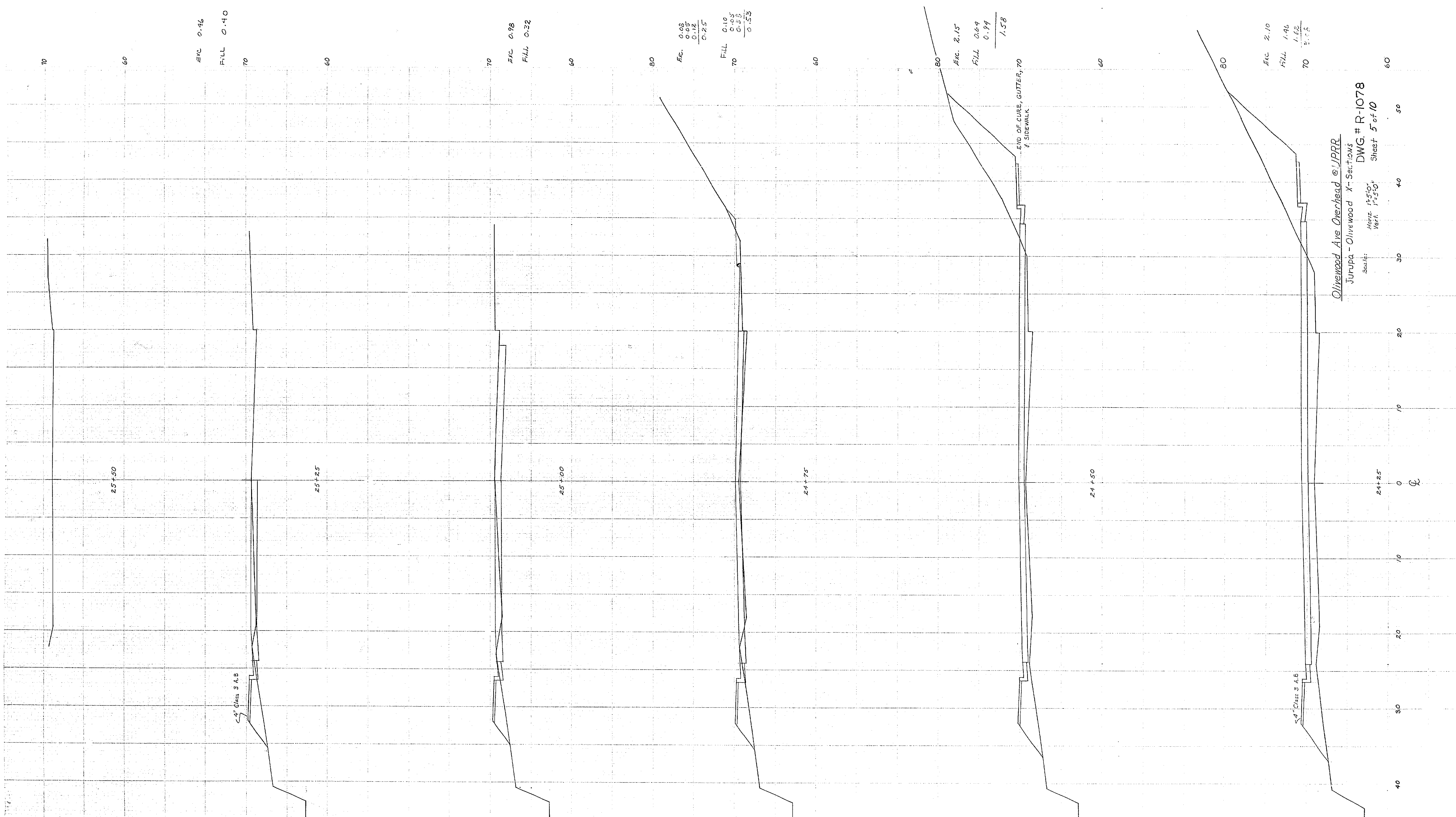
OLIVEWOOD AVE. OVERHEAD AT UPRR
JURUPA AVE. & OLIVEWOOD AVE. NORTH X-SECTION
ACC. # 2002
DWG. # R-1078
SHEET 3 OF 10



OLIVEWOOD AVE. OVERHEAD AT U.P.R.R.
 JURUPA AVE. & OLIVEWOOD AVE. NORTH X-SECTIONS
 ACC. # 2002
 DWG. # R-1078
 SHEET 4 OF 10

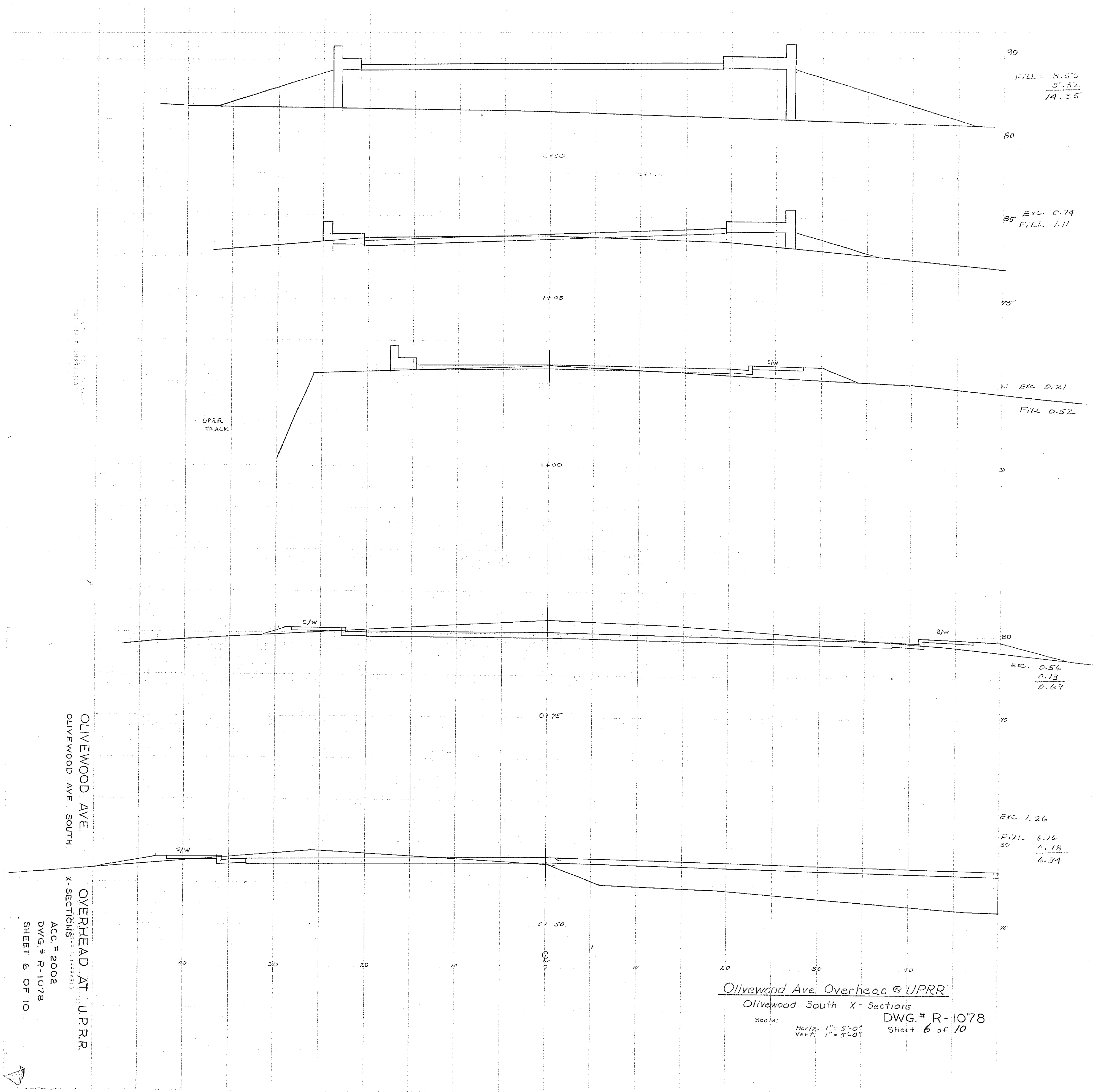
Olivewood Ave. Overhead @ U.P.R.R.
 Jurupa - Olivewood X-Sections
 Scale: Horiz. 1" = 50'-0" Vert. 1" = 5'-0"

DWG. # R-1078
 Sheet # of 10



Olivewood Ave Overhead @ UPRR
 Jurupa - Olivewood X-Sections
 Scale: Horiz. 1"=50' Vert. 1"=5' DWG # R-1078
 Sheet 5 of 10

OLIVEWOOD AVE OVERHEAD AT U.P.R.R.
 JURUPA AVE. & OLIVEWOOD AVE. NORTH X-SECTIONS
 ACC# 2002
 DWG # R-1078
 SHEET 5 OF 10



90
 FILL 8.50
 5.52
 14.25

85
 EXC. 0.74
 FILL 1.11

75
 EXC. 0.21
 FILL 0.52

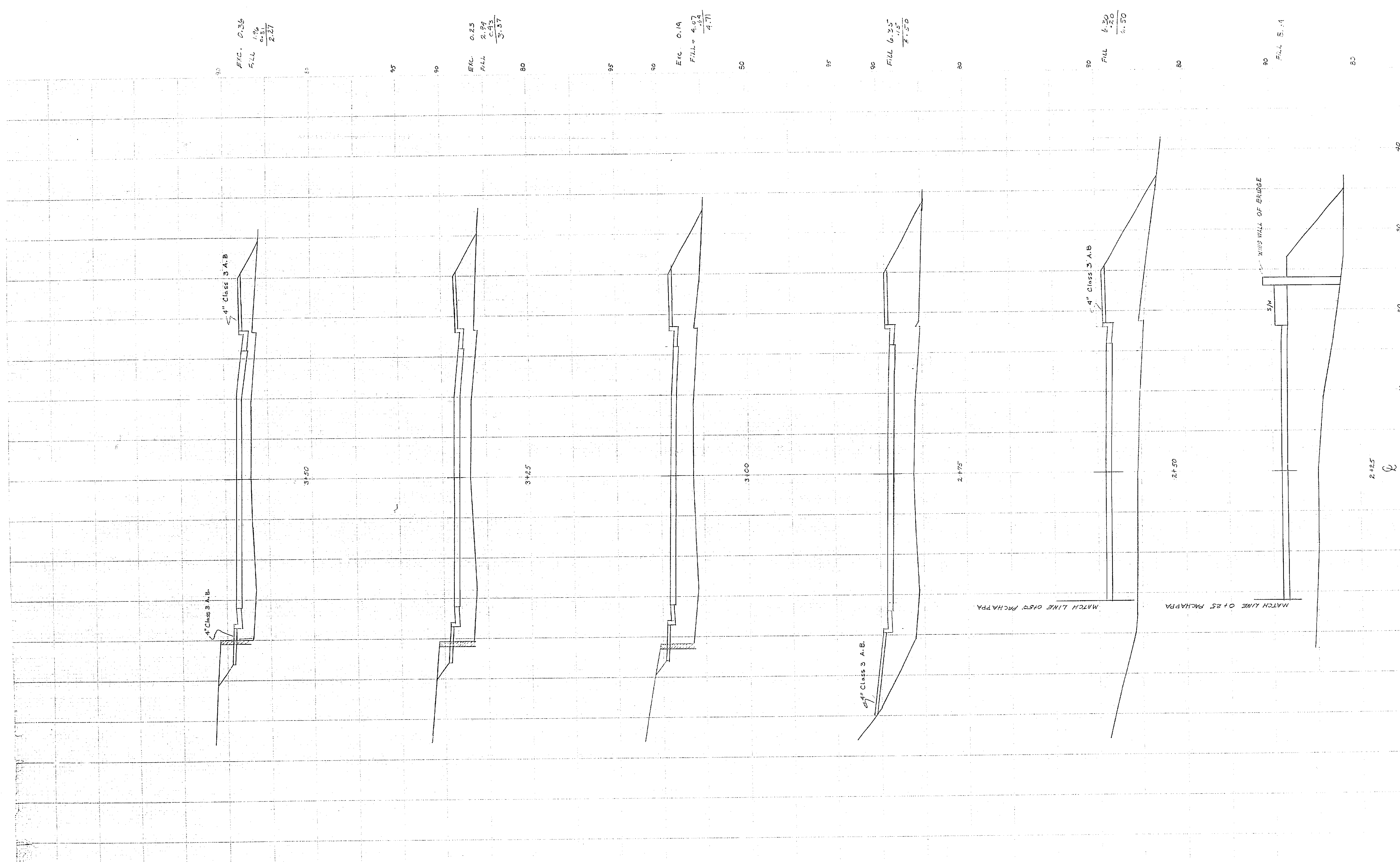
60
 EXC. 0.56
 0.13
 0.69

50
 EXC. 1.26
 FILL 6.16
 2.12
 6.34

OLIVEWOOD AVE.
 OLIVEWOOD AVE SOUTH

OVERHEAD AT U.P.R.R.
 X-SECTIONS
 ACC. # 2002
 DWG. # R-1078
 SHEET 6 OF 10

Olivewood Ave. Overhead @ U.P.R.R.
 Olivewood South X-Sections
 Scale: Horiz. 1" = 5'-0"
 Vert. 1" = 3'-0"
 DWG. # R-1078
 Sheet 6 of 10



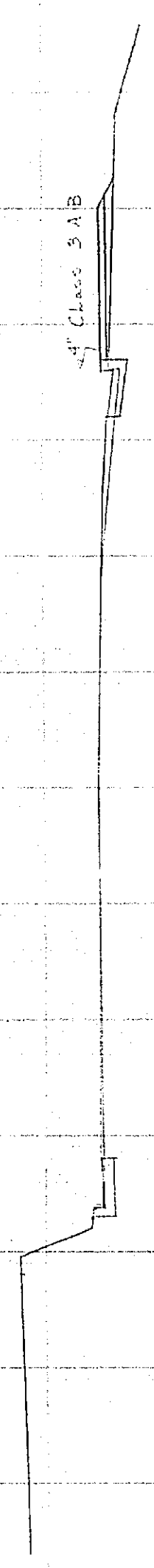
Olivewood Ave. Overhead @ UPRR
 Olivewood South X-Sections
 DWG. # R-1078
 SHEET 7 OF 10

OLIVEWOOD AVE. OVERHEAD AT U.P.R.R.
 OLIVEWOOD AVE SOUTH X-SECTIONS
 ACC. # 2002
 DWG # R-1078
 SHEET 7 OF 10

STATION 5+11.7 = SCR OF CHARITALLY FOURWOOD SOUTH

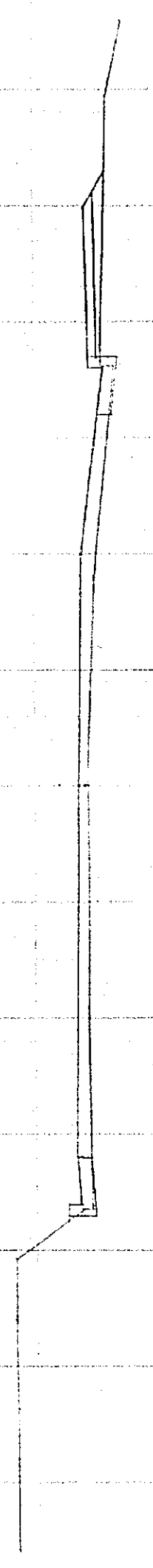
90
FILL 0.03
0.03
0.03

5+00



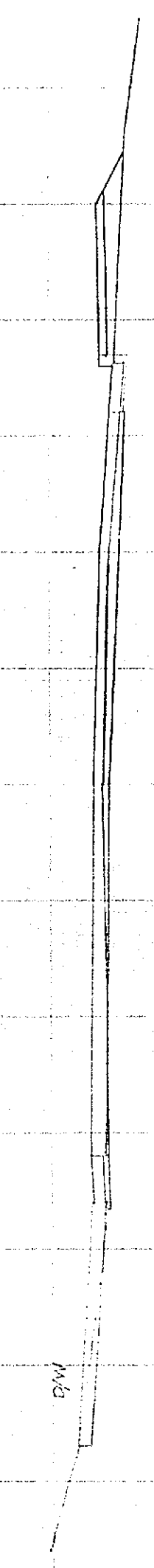
90
FILL 0.04
0.04
0.04
1.10

4+75



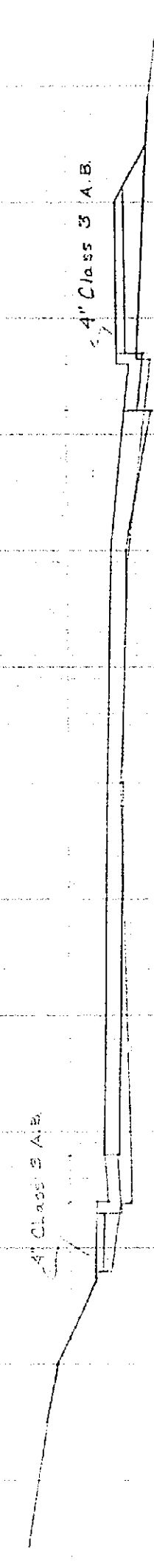
90
FILL 0.05
0.05
0.05
0.25

4+50



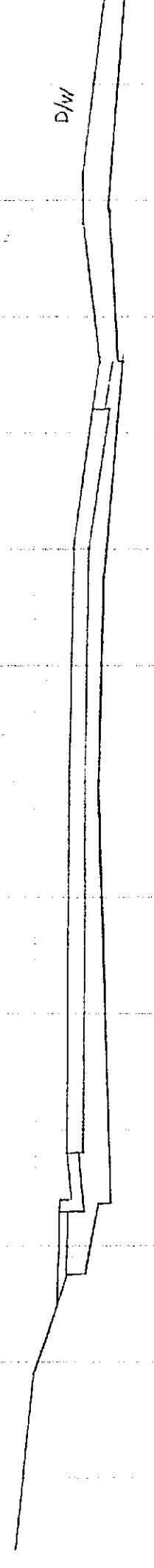
90
FILL 0.10
0.10
0.10
0.14
0.15

4+25



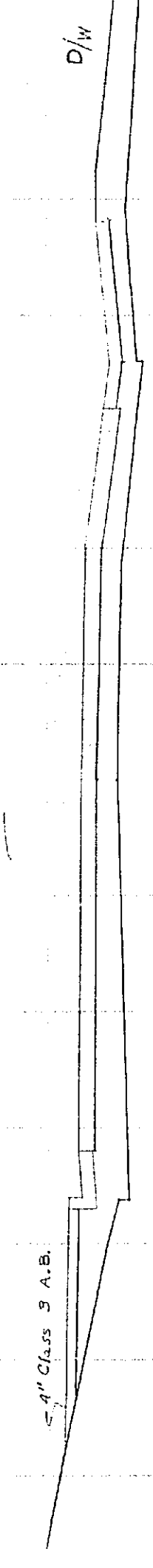
90
FILL 1.3%

4+00



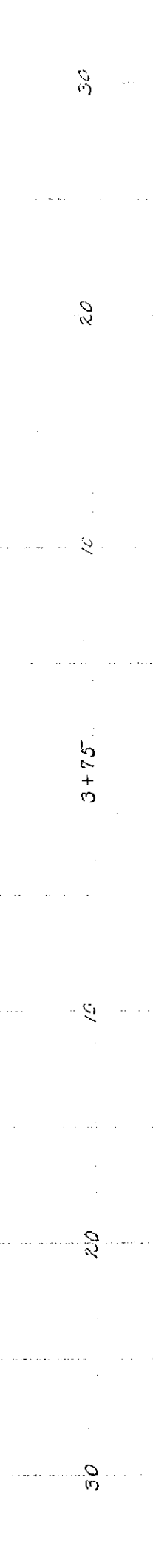
90

3+75



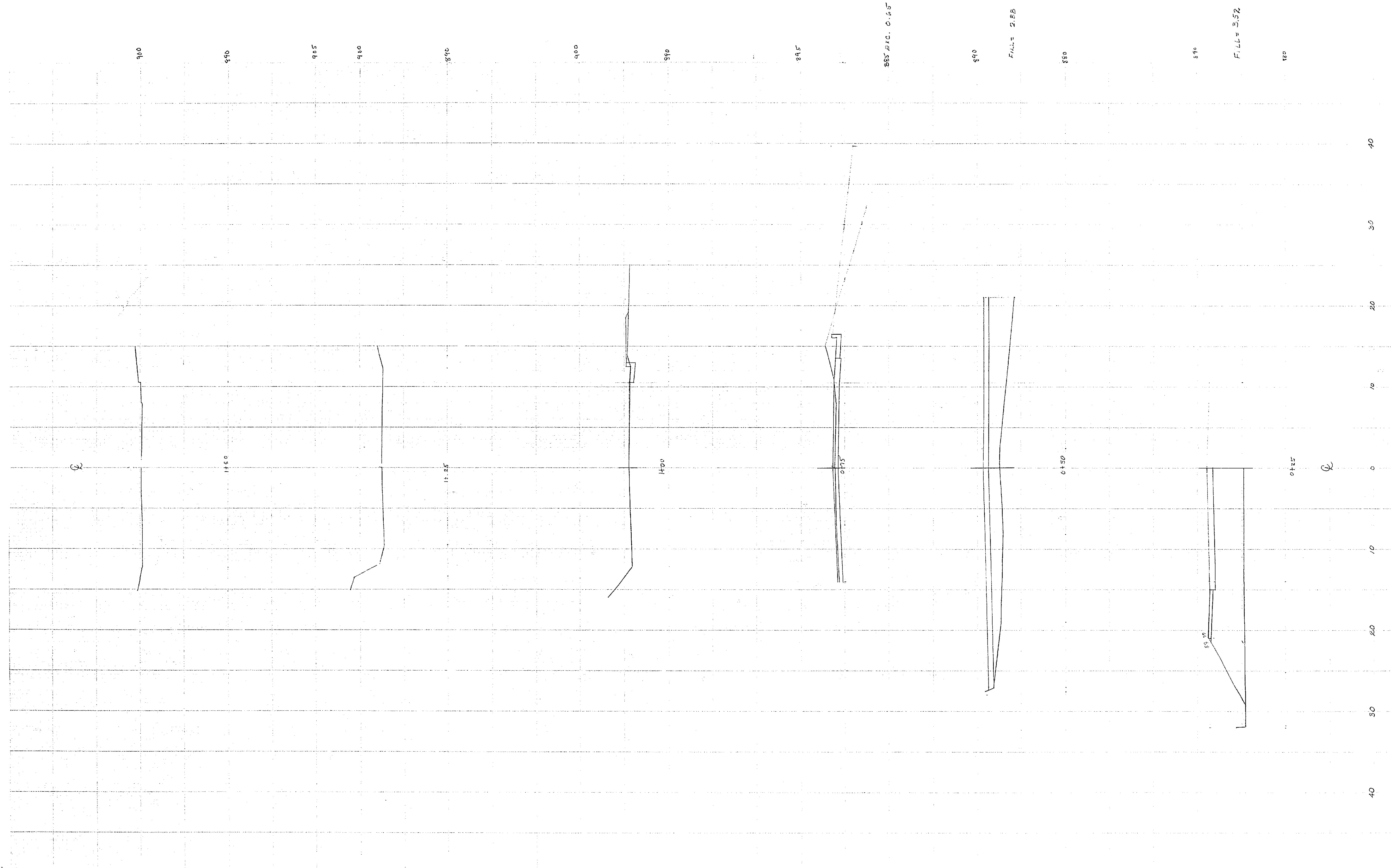
90

3+50



OLIVEWOOD AVE. OVERHEAD AT UPRR
OLIVEWOOD AVE. SOUTH X-SECTIONS
ACC # 2002
DWG # R-1078
SHEET 8 OF 10

OLIVEWOOD AVE. OVERHEAD @ UPRR
OLIVEWOOD AVE. SOUTH X-SECTIONS
DWG # R-1078
SHEET 8 OF 10
Scale: 1" = 5'-0"
Vert. 1" = 2'-0"



Olivehood Ave. Overhead @ UPRR
 Pachappa Dr. X-Sections
 Scale: Horiz. 1"=50'-0"
 Vert. 1"=5'-0"
 DWG# R-1078
 Sheet 9 of 10

OLIVEWOOD AVE. OVERHEAD AT UPRR
 PACHAPPA DR. X-SECTIONS

ACC. # 2002
 DWG # R-1078
 SHEET 9 OF 10



Elev. 105
Elev. 100
Elev. 95
Elev. 90

Olivewood Ave. Overhead @ U.P.R.R.
Osburn Place X-Sections
Scale: Horiz. 1"=50'
Vert. 1"=5'

DWG. # R-1078
Sheet 10 of 10

OLIVEWOOD AVE. OVERHEAD AT U.P.R.R.
OSBURN PLACE X-SECTIONS

ACC. # 2005
DWG. # R-1078
SHEET 10 OF 10