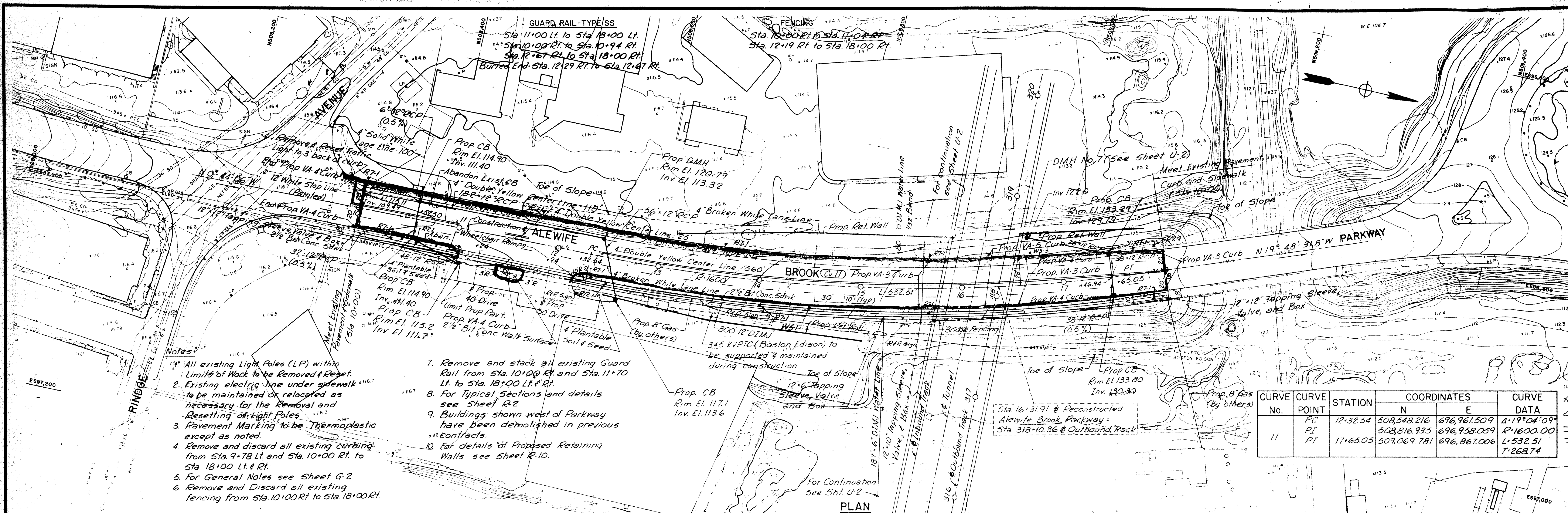
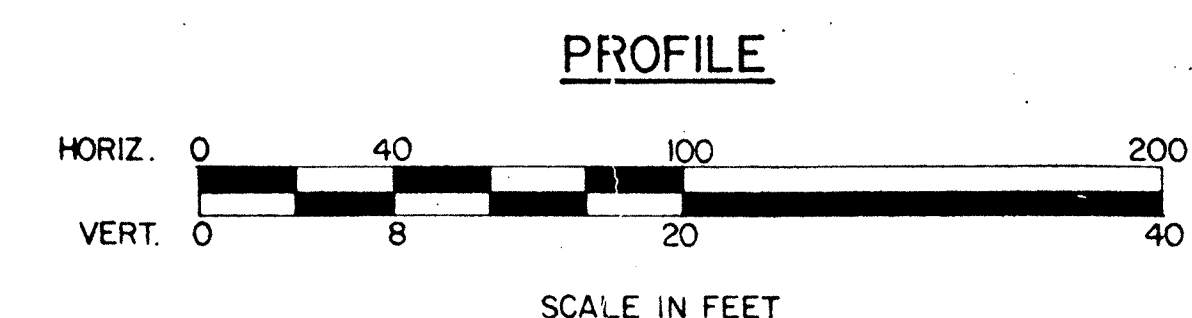
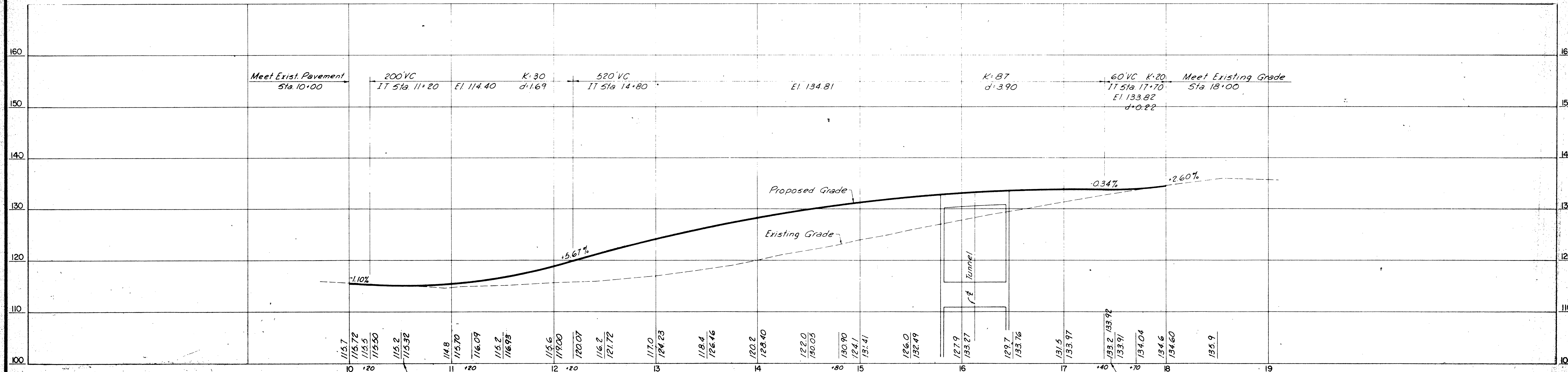




CURVE No.	CURVE POINT	STATION	COORDINATES		CURVE DATA
			N	E	
11	PC	12+32.54	508,548.216	696,961.509	L:19°04'09" R:1600.00 L:532.51 T:268.74
	PI		508,816.935	696,958.059	
	PT	17+65.05	509,069.781	696,867.006	



AS BUILT

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

RED LINE EXTENSION NORTHWEST

CONTRACT NO. 091-601

ALEWIFE STATION/GARAGE

RECONSTRUCTED ALEWIFE BROOK PARKWAY

PLAN & PROFILE

Wallace, Floyd, Ellenzweig, Moore, Inc.
Architects/Planners

Sverdrup & Parcel and Associates, Inc.
Structural, Civil, Mechanical, & Electrical Engineers

Le Mesurier Associates/S&T
Structural Engineers

MASS BAY TRANSPORTATION AUTHORITY
APPROVED BY
John A. Lary
PROJECT MANAGER

SCALE: As Noted

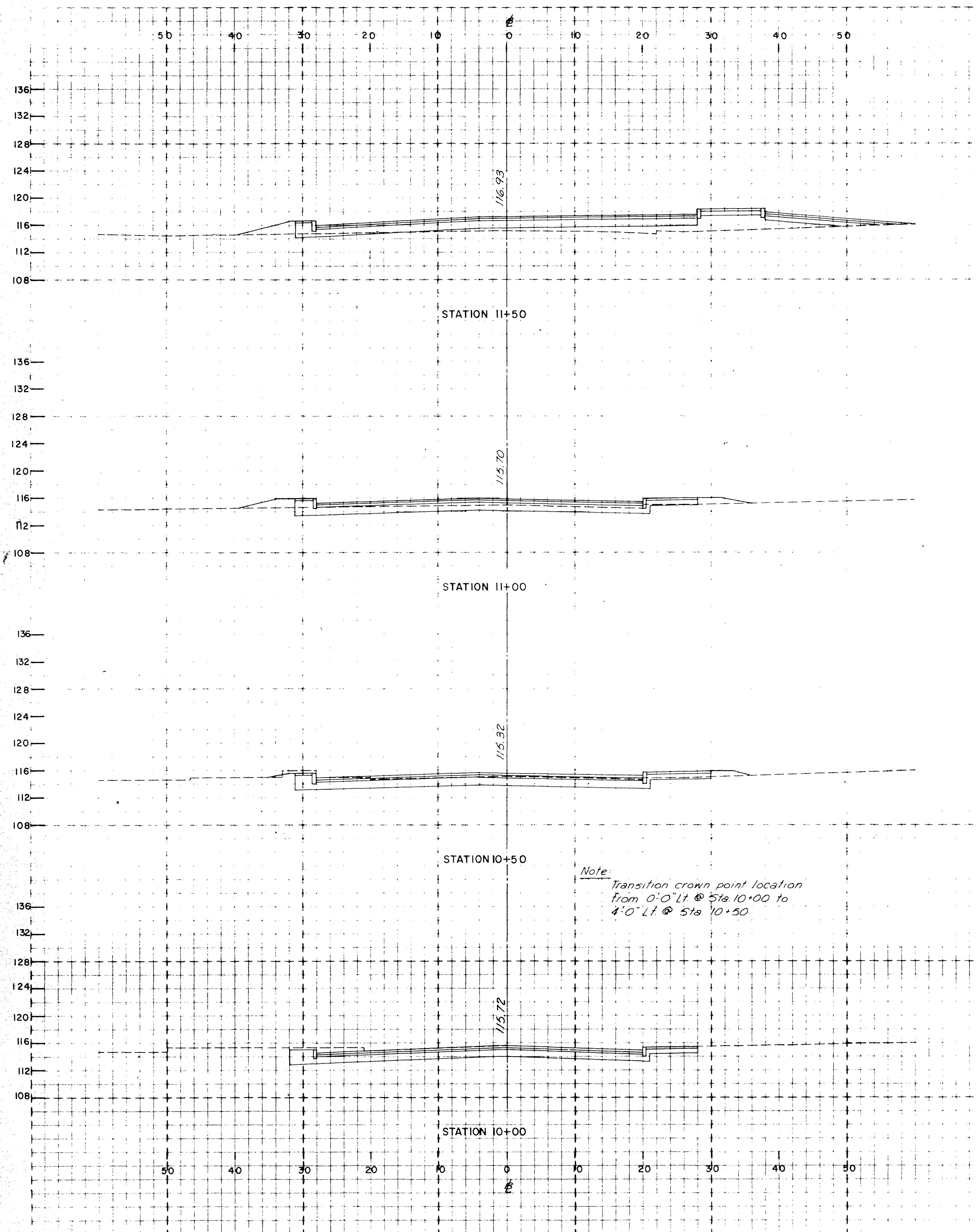
DATE: 7-23-80

BR. # 92 - (MDC)

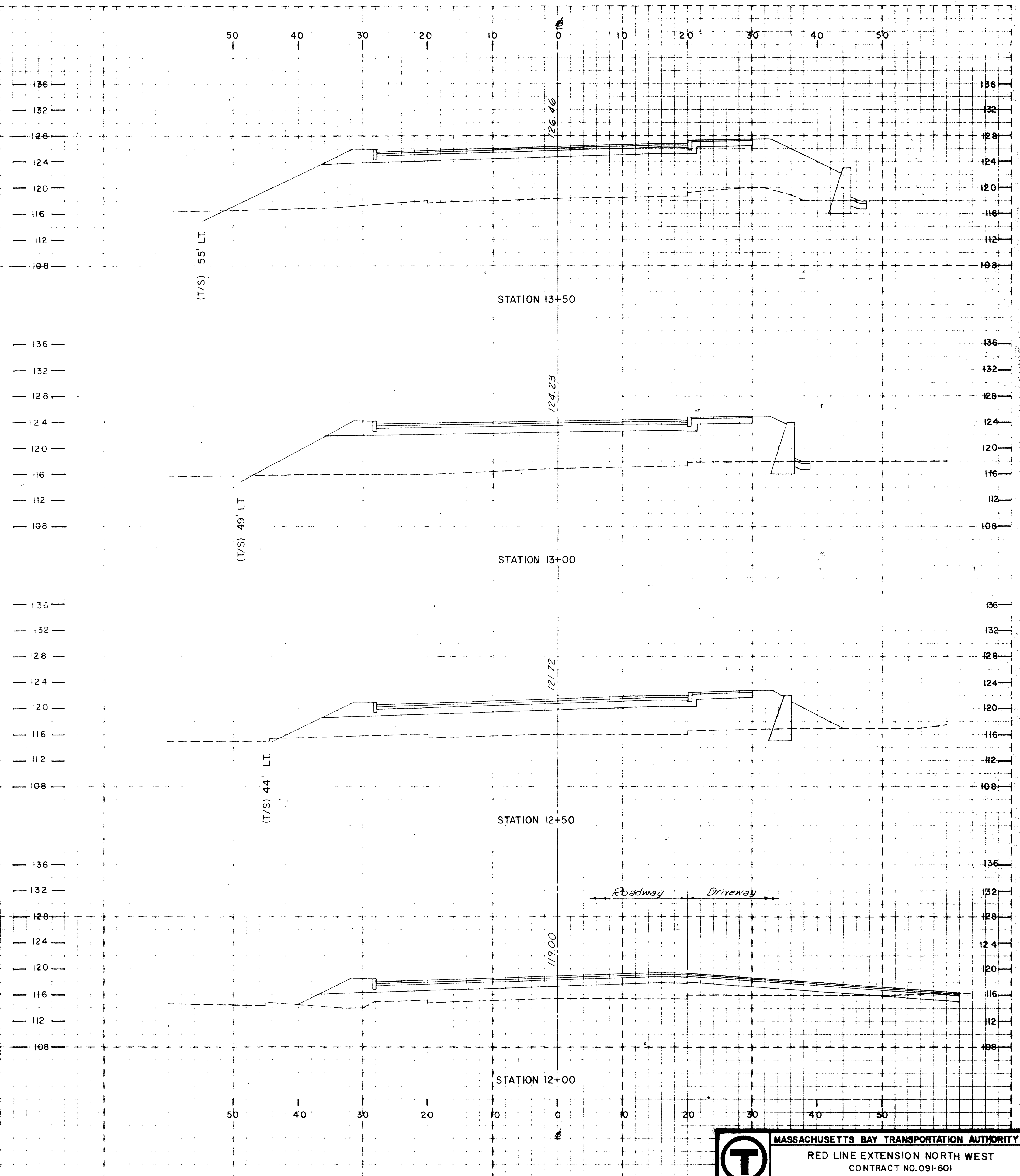
59460

SHEET R1 OF 10





Note:
Limit of Cross-Section equals Toe of Slope (T/S)
For Continuation of Section, See Shts. PG-2 through PG-4



AS BUILT

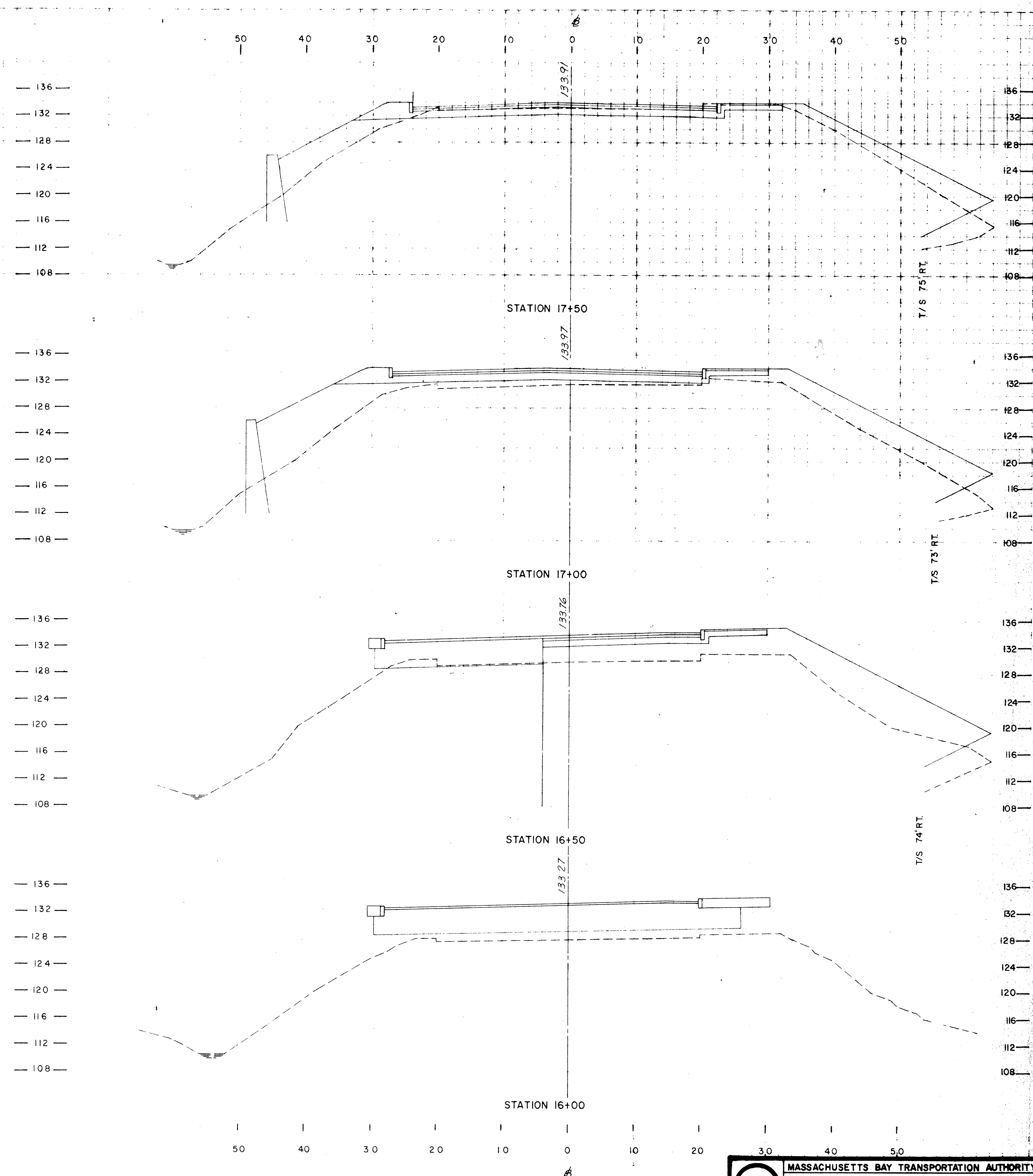
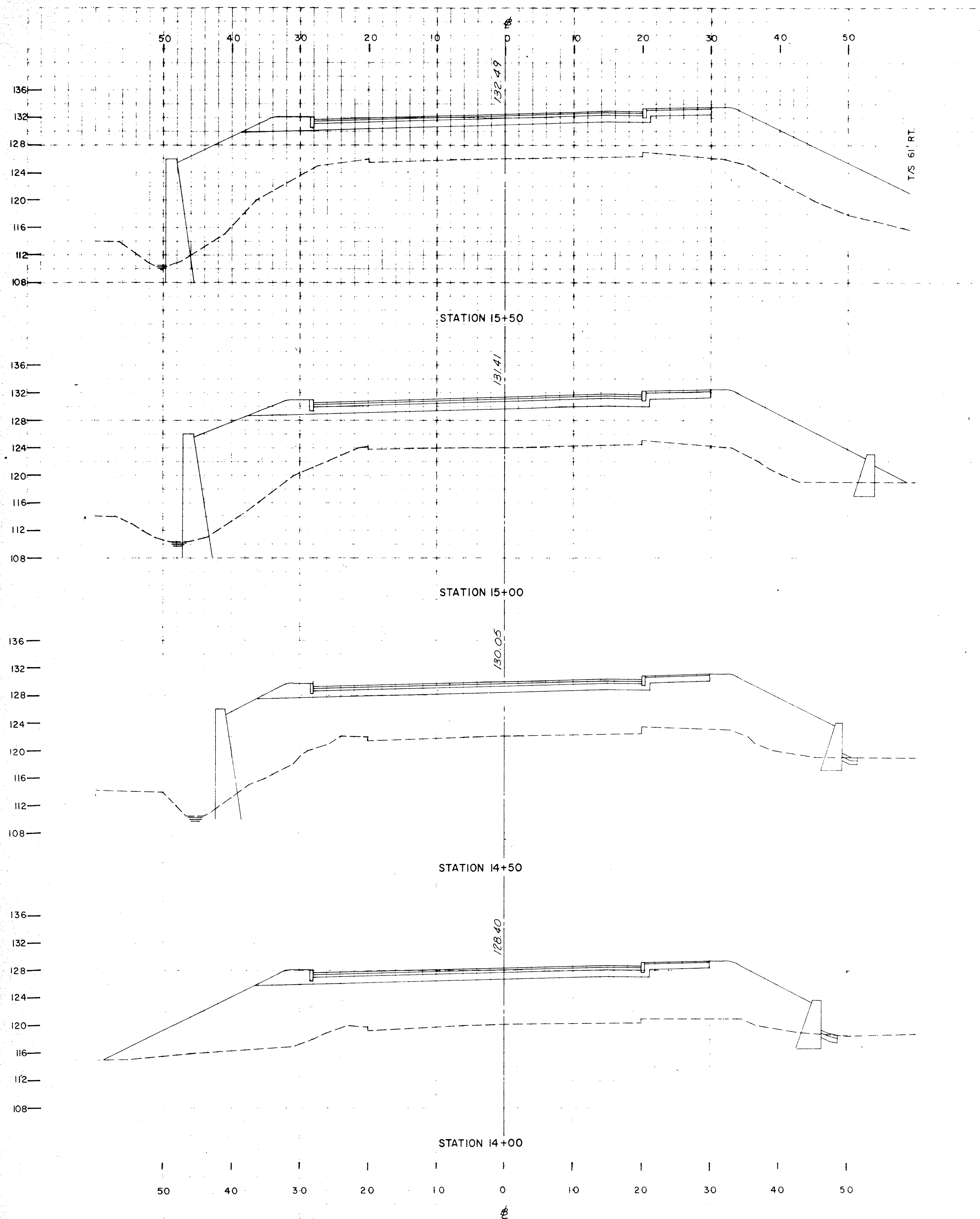
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
RED LINE EXTENSION NORTH WEST
CONTRACT NO. 091-601

ALEWIFE STATION/GARAGE
RECONSTRUCTED-ALEWIFE BROOK PARKWAY
CROSS SECTIONS STA. 10+00 TO STA. 13+50

Wallace, Floyd, Ellenzweig, Moore, Inc.
Architect/Planner
Overrup & Parcel and Associates, Inc.
Structural, Civil, Mechanical & Electrical Engineers
Le Messurier Associates/SC1
Structural Engineers

ISSUE DATE DESCRIPTION BY CHECK
BR. # 92 (MDC)
SCALE 1/8"=1'-0"
DATE 7-28-80
PLAN NO. 59462
SHEET R3 OF 10

55716X 30F12

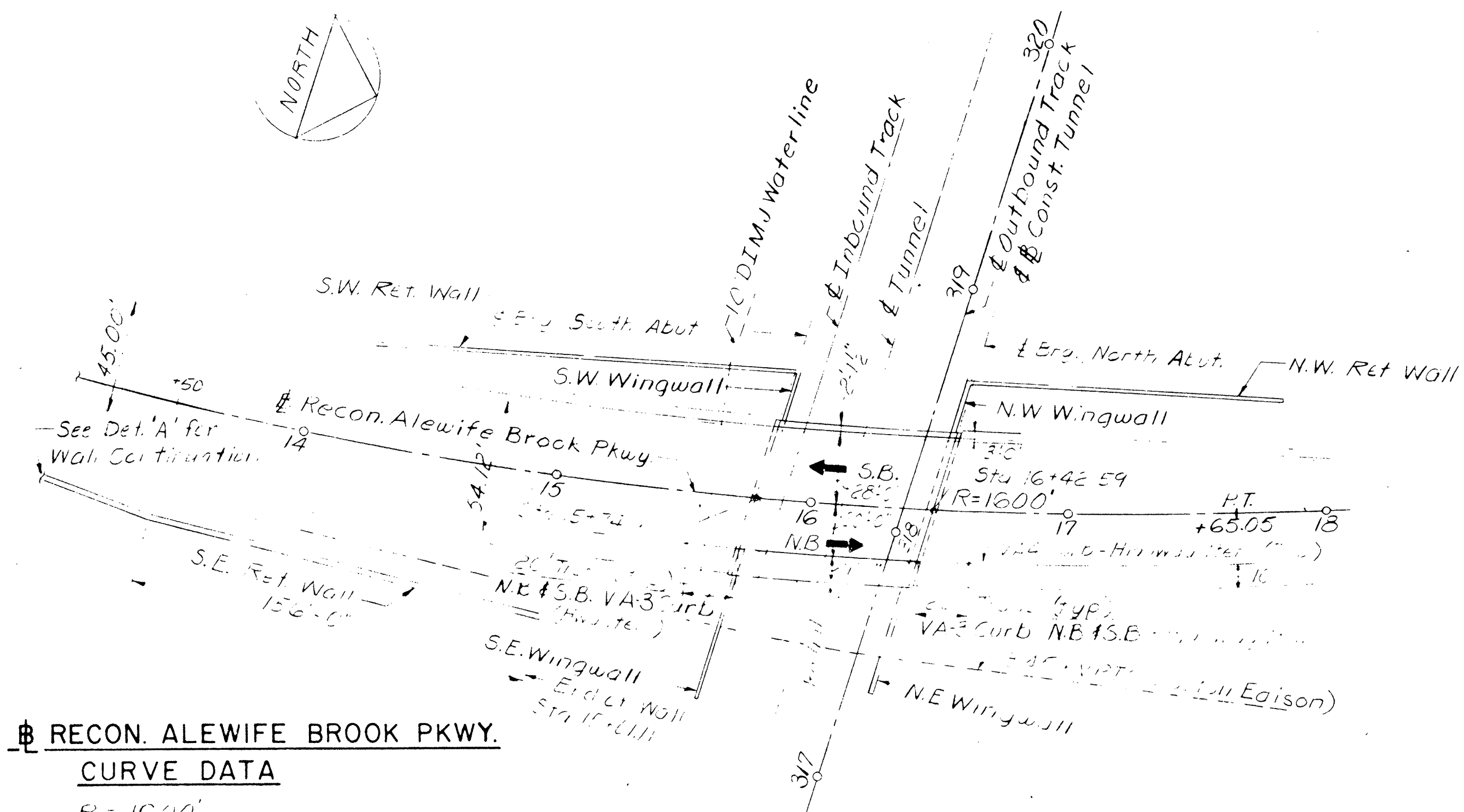


Note:
Limit of Cross Section equals Toe of Slope (T/S) or Face of
Wall For Continuation of Section, See Shts. PG-2 through PG-4

AS BUILT

ISSUE DATE		DESCRIPTION		BY		CHKD/APP	
BR.#92 (MDC)							
MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED LINE EXTENSION NORTH WEST CONTRACT NO. 091-601 ALEWIFE STATION/GARAGE RECONSTRUCTED ALEWIFE BROOK PARKWAY CROSS SECTIONS STA. 14+00 TO STA. 17+50				WALLACE, FLOYD, ELLENZWEIG, MOORE, INC. ARCHITECT/PLANNER SVERDRUP CORP. AND ASSOCIATES, INC. STRUCTURAL, CIVIL, MECHANICAL & ELECTRICAL ENGINEERS LE MEASUREUR ASSOCIATES/SCI STRUCTURAL ENGINEERS			
SCALE 1/8"=1'-0" DATE / /				PLAN NO. 59463 SHEET R-4 OF 10			

55716X 4 OF 12

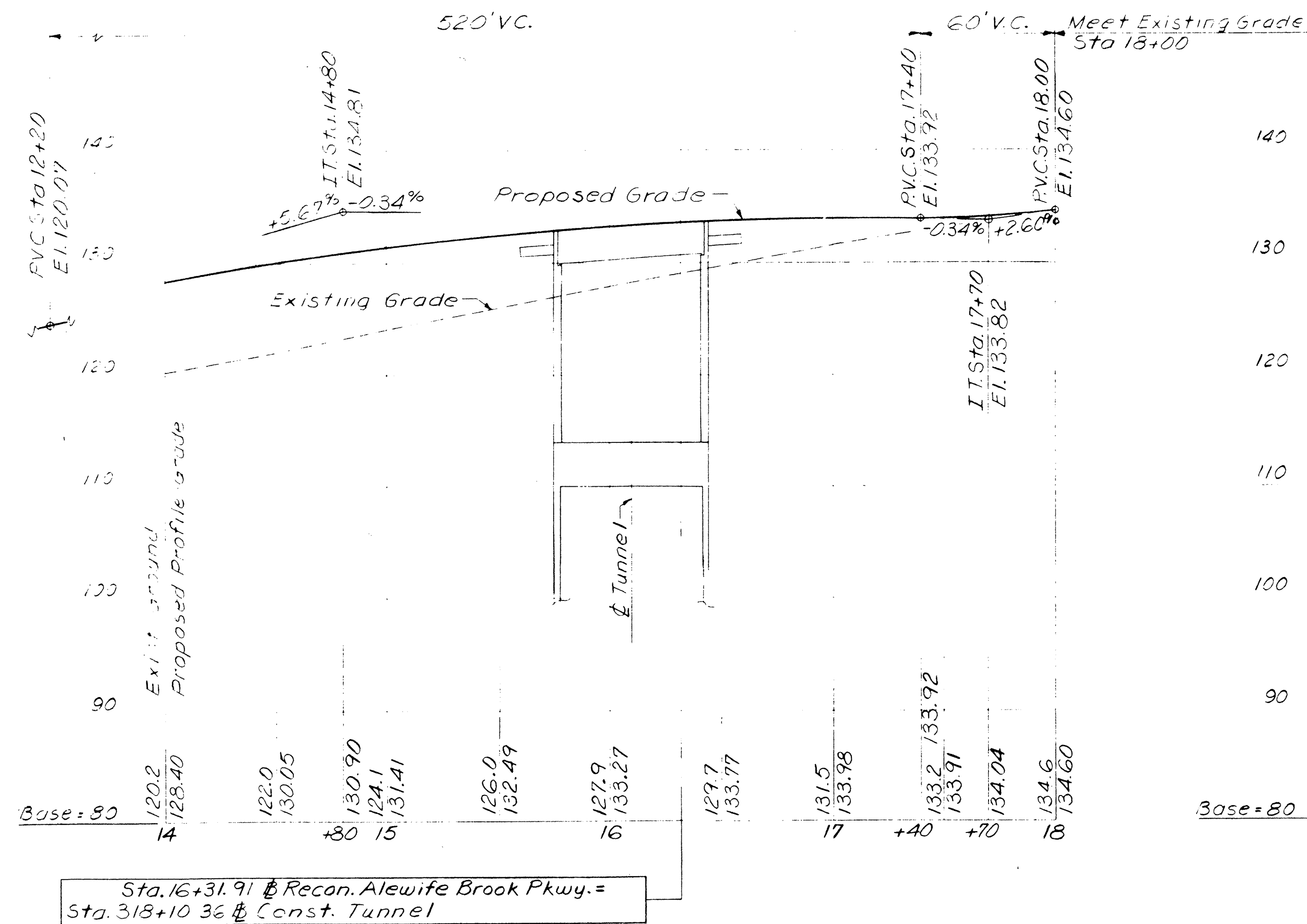


RECON. ALEWIFE BROOK PKWY.

CURVE DATA

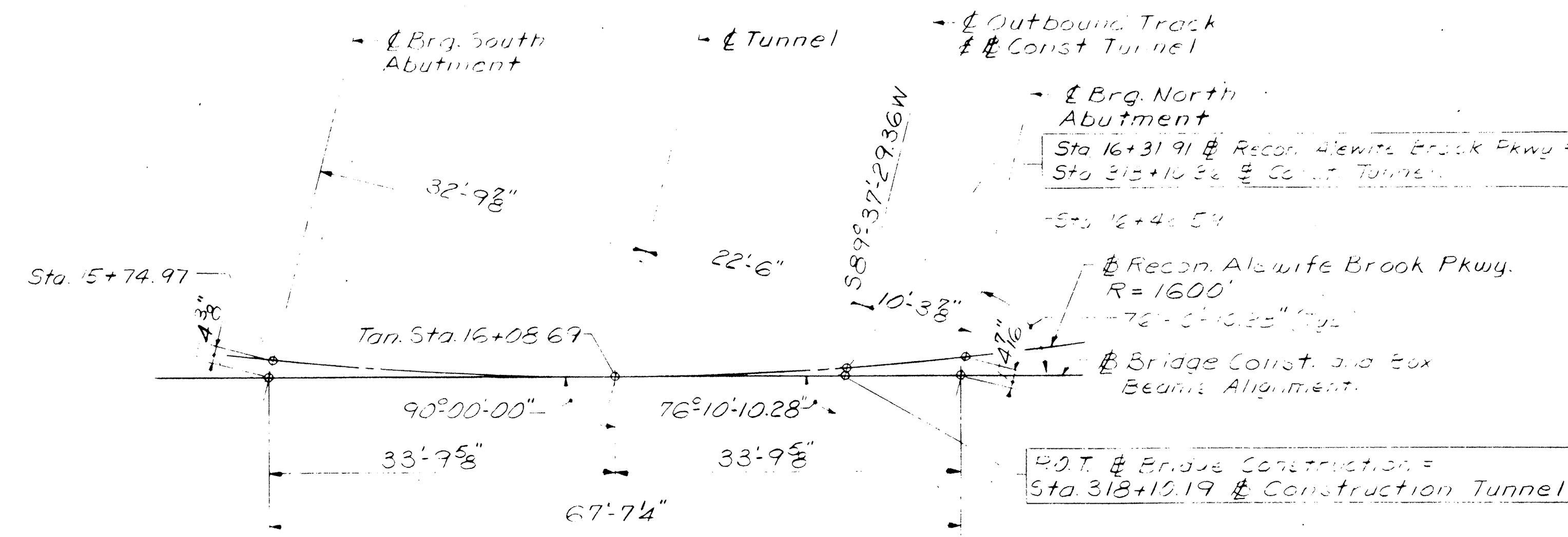
R = 1600'
 $\Delta = 19^\circ 04' 07''$
 L = 532.51'
 T = 268.74'
 PC = Sta. 12+32.54
 PT = Sta. 17+65.05

KEY PLAN Scale: 1" = 40'



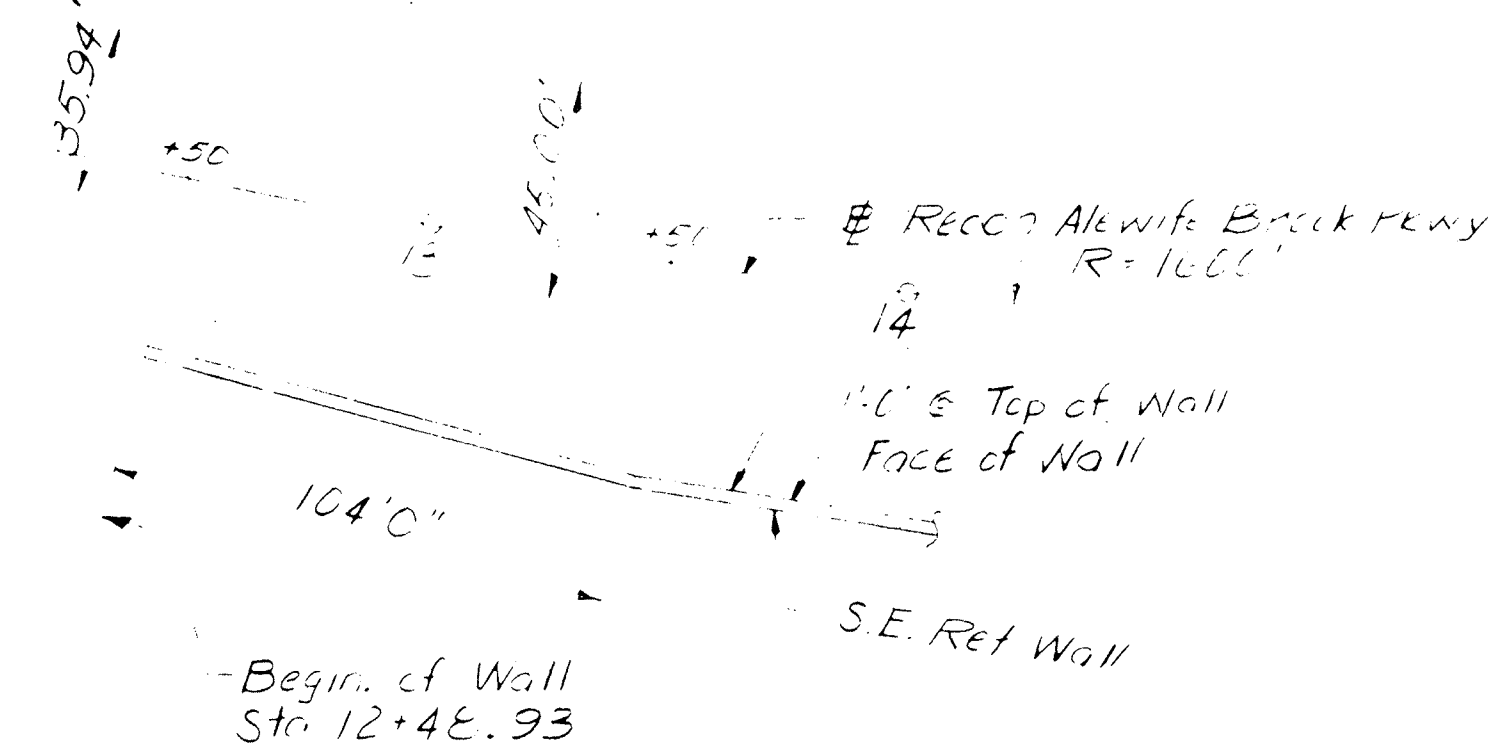
PROFILE RECONSTRUCTED ALEWIFE BROOK PARKWAY

Scale: Horiz. 1" = 40'
 Vert. 1" = 8'



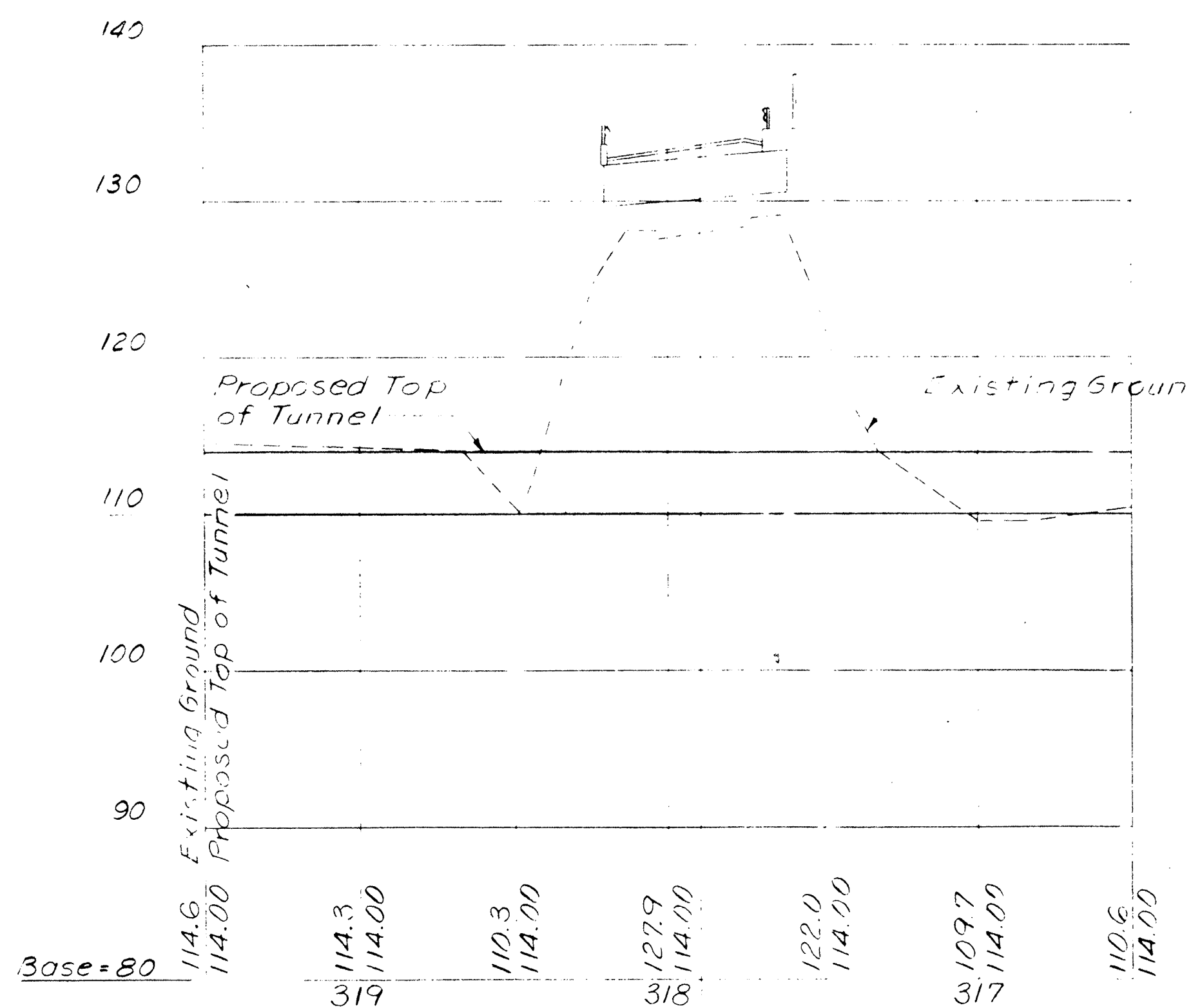
BASELINE INTERSECTIONS

N.T.S.



DETAIL 'A'

Scale: 1" = 40'



PROFILE ALONG CONSTRUCTION TUNNEL

Scale: Horiz. 1" = 40'
 Vert. 1" = 8'

GENERAL NOTES

DESIGN:

In accordance with the current AASHTO Specifications for HS-20-44 Loading, modified for Military Loading.

REINFORCEMENT:

All bars shall conform to ASTM A615 Grade 60. Unless otherwise shown on the Plans, all #4 bars shall be lapped 20" and all #5 bars shall be lapped 26". For horizontal bars with 12" or more of concrete below the bar, lap shall be 29" for #4 & 36" for #5 bars. If #4 & #5 bars are spaced 6" or more, the laps shall be 80% of the laps given above. All other bars shall be lapped as shown on Plans.

SCALES:

Scales noted on Plans are not applicable to reduced size prints. Divide scales by 2 for 1/4 size prints.

BRIDGE RAILING:

For Detail, see Sheet R7.

ANCHOR BOLTS:

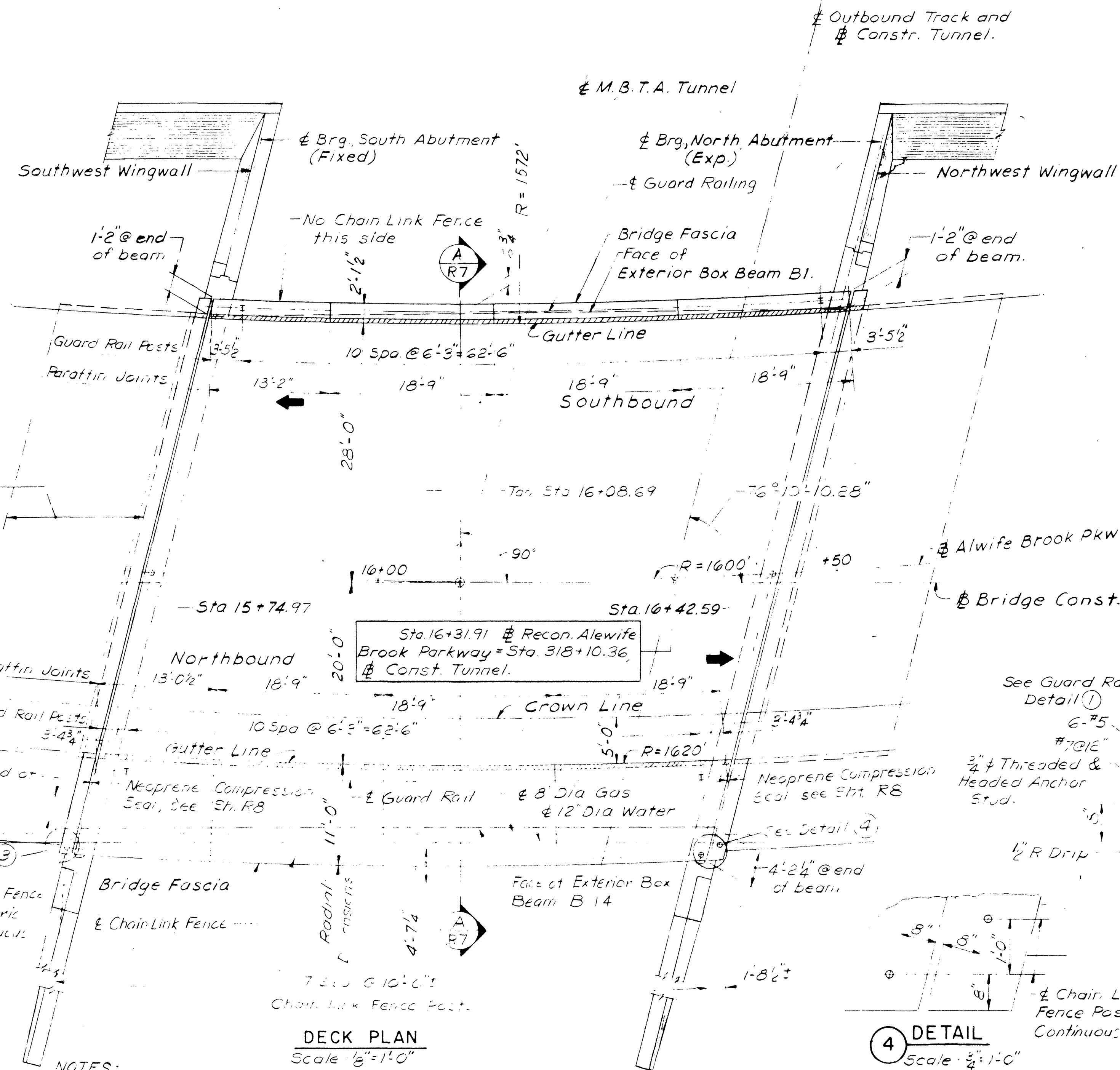
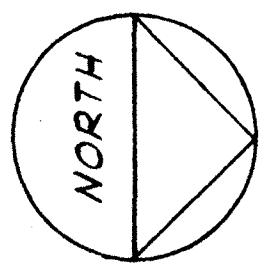
All Anchor Bolts are to be set by Template and placed before the concrete is poured except at Abutments, where drilling & grouting for Anchor Bolts is allowed at the Contractor's option provided that the method of installation will not cut the Reinforcing Steel. See Sheet R6.

AS BUILT

BR#92 (MDC)

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
RED LINE EXTENSION NORTH WEST	
CONTRACT NO. 091-601	
ALEWIFE STATION/GARAGE	
BRIDGE KEY PLAN & PROFILES	
APPROVED BY: <i>[Signature]</i>	
MASS BAY TRANSPORTATION AUTHORITY	
PROJECT MANAGER	
SCALE AS NOTED	PLAN NO. 59465
DATE 7.22.09	SHEET R6

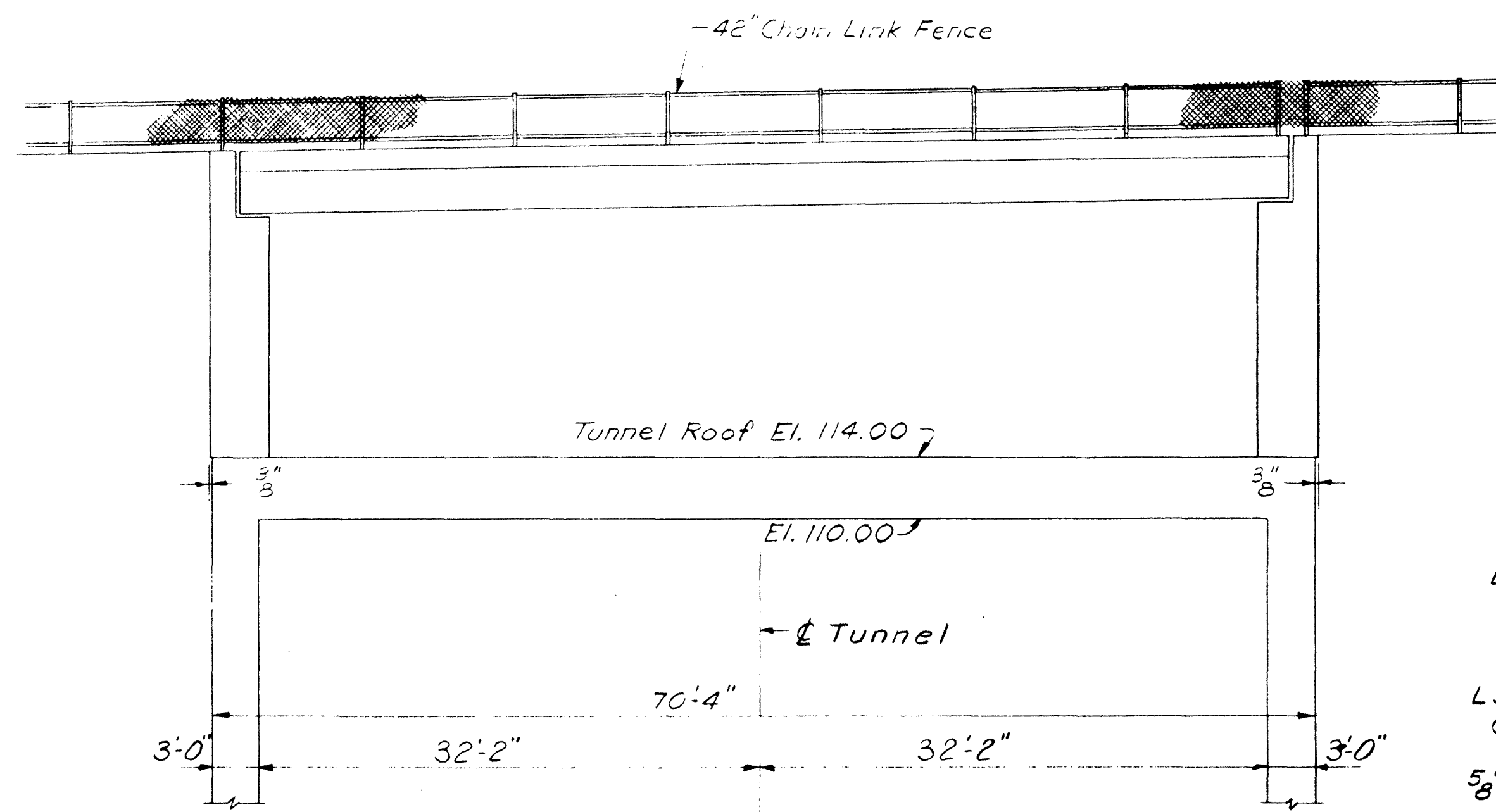
55716X 60F12



3 DETAIL
Scale: 3/4"=1'-0"

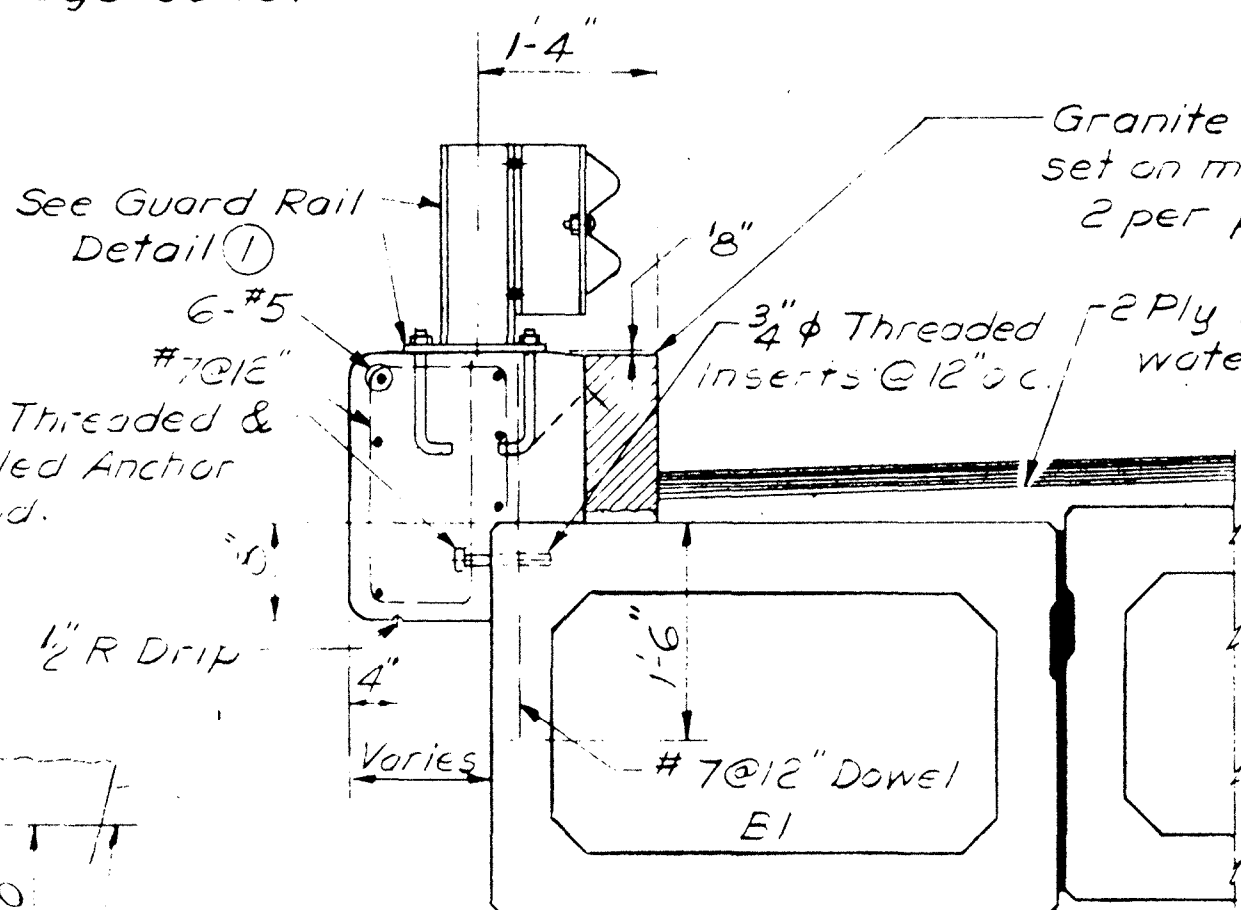
- NOTES:
1. Paraffin joint means that cross-section of sidewalk or safety curb shall be coated with Paraffin above box beams.
 2. Guard Railing, Paraffin Jts., & Chain Link Fence is laid out along & Guard Railing.

DECK PLAN
Scale: 1/8"=1'-0"



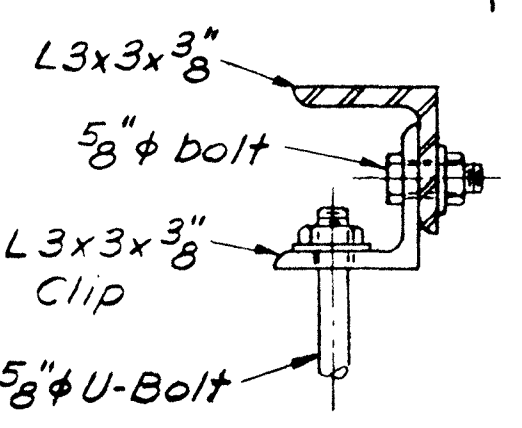
ELEVATION ALONG EAST FASCIA
Scale: 3/8"=1'-0"

4 DETAIL
Scale: 3/4"=1'-0"



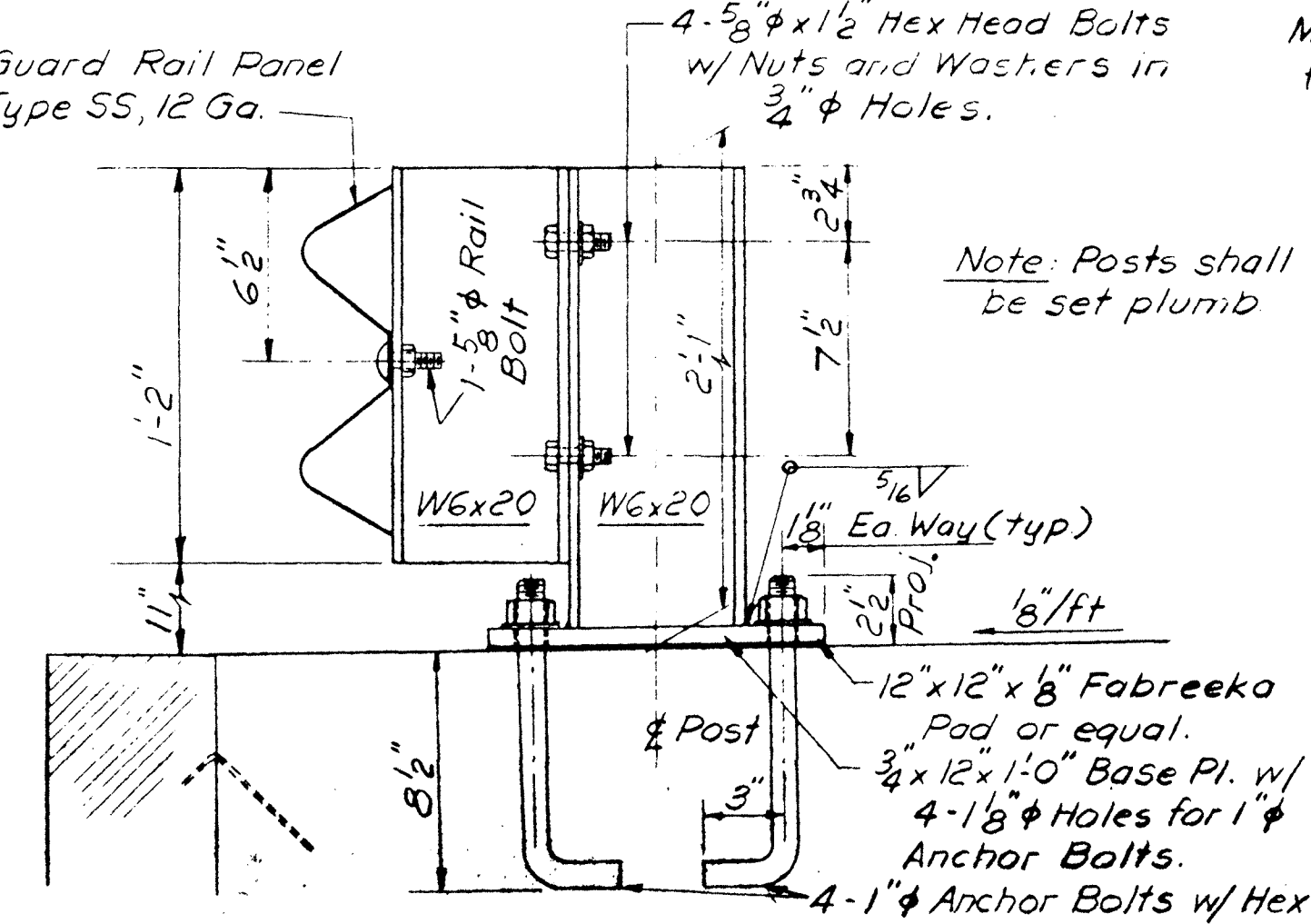
SAFETY CURB DETAIL
Scale: 3/4"=1'-0"

2 DETAIL
Scale: 3/8"=1'-0"



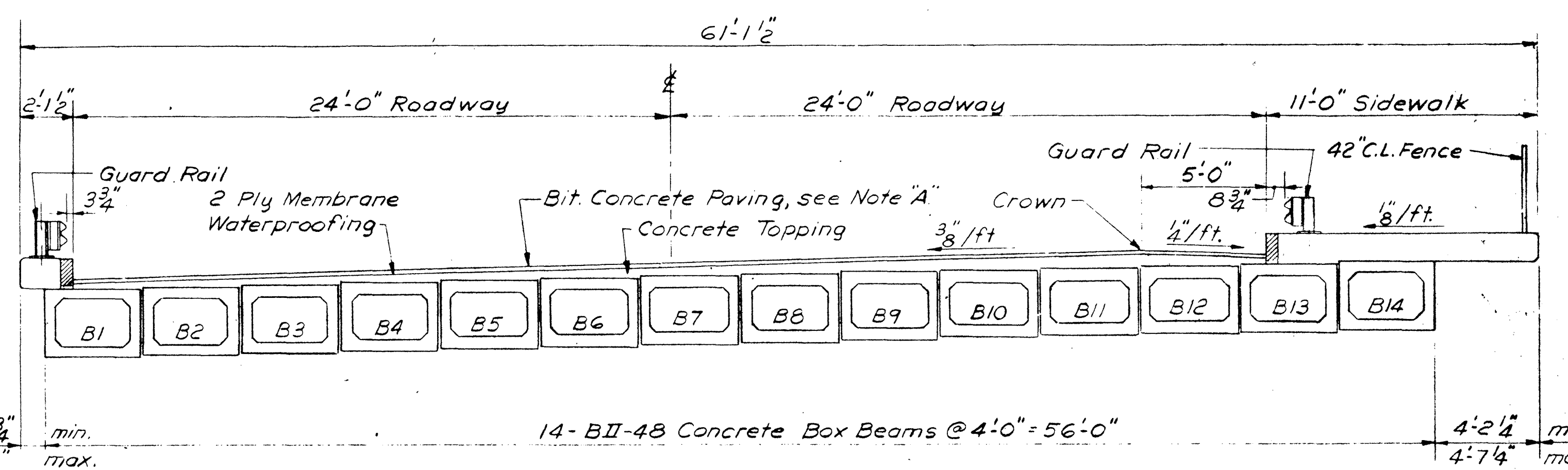
NOTE:
All railing components shall be of A36 steel, galvanized after fabrication, unless otherwise noted.
Railing panels shall be 12 ga. galv. steel, lapped in direction of Traffic.

1 DETAIL
N.T.S.



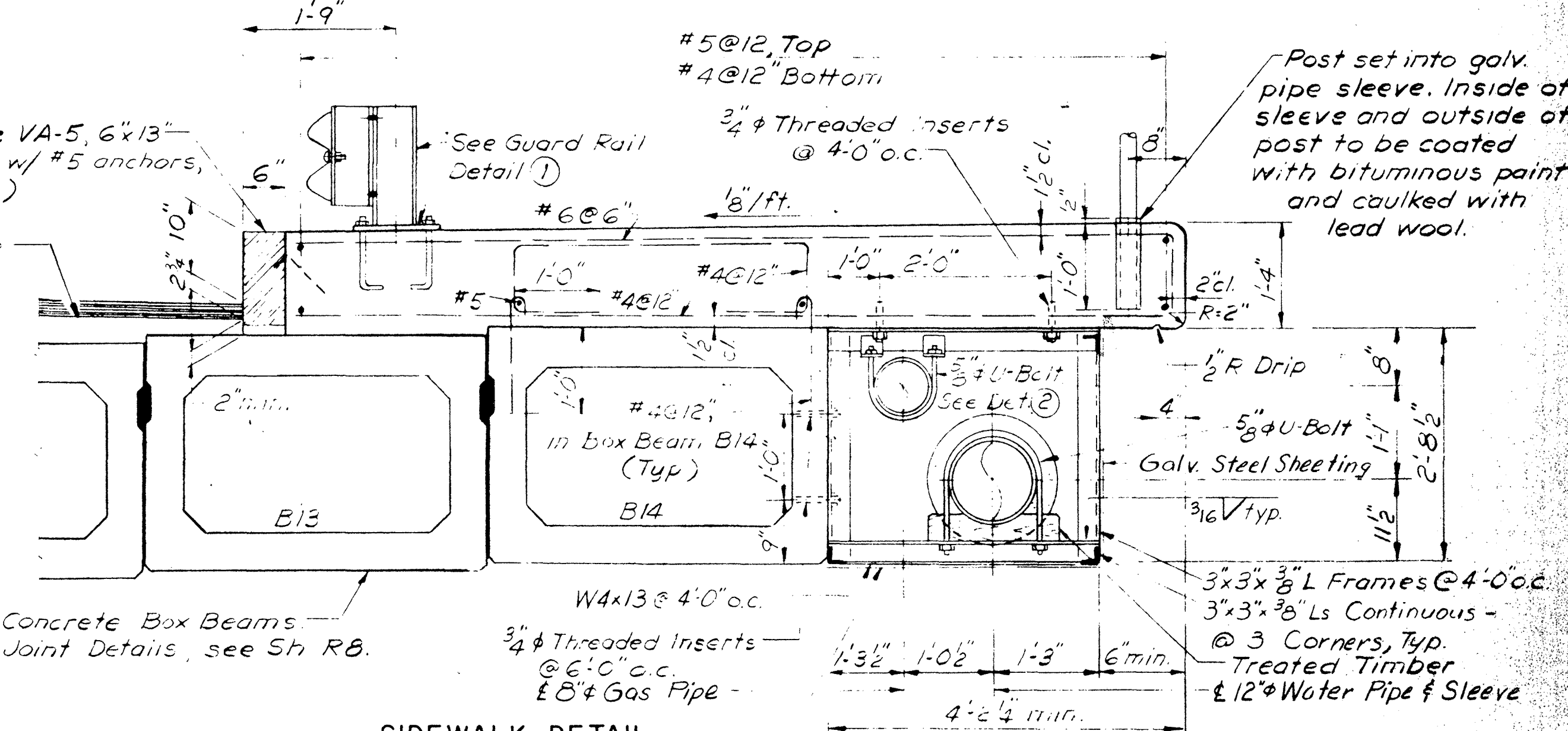
Note: Posts shall be set plumb

SECTION
Scale: 1/4"=1'-0"

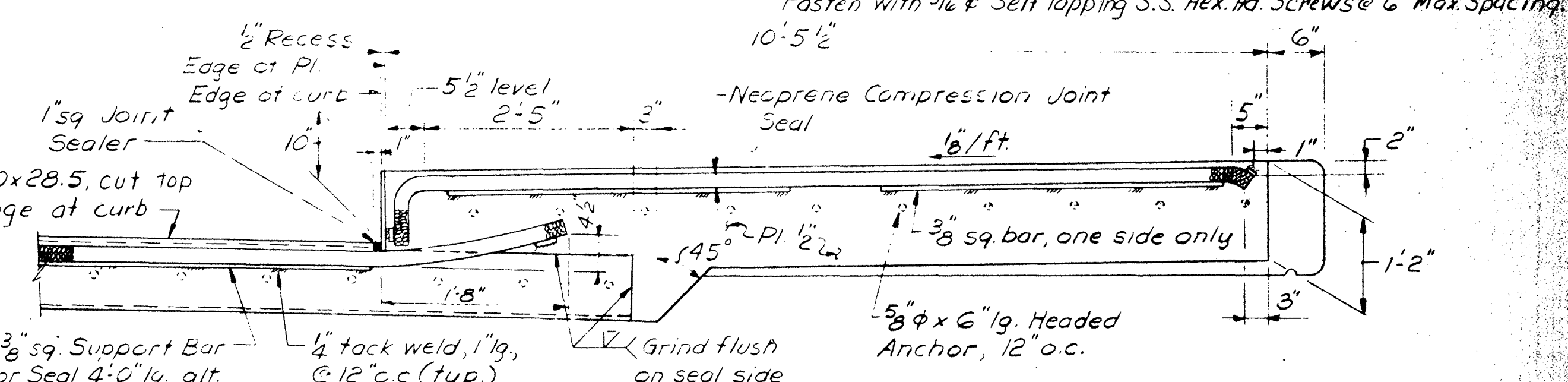


CHAIN LINK FENCE:
All Components Shall be A-36 Steel, Galvanized after fabrication. Posts Shall be 1.90" O.D. Pipe and top & bottom Rails 1.66" O.D. Pipe. Fabric bands Shall be 1/8" x 3/4" & Stretcher bar 1/4" x 3/4". Fabric Shall be of 0.148" Wire woven into 2" diamond mesh. Provide 1/2" Exp. Joints in C.L.F. at every 20'± intervals.

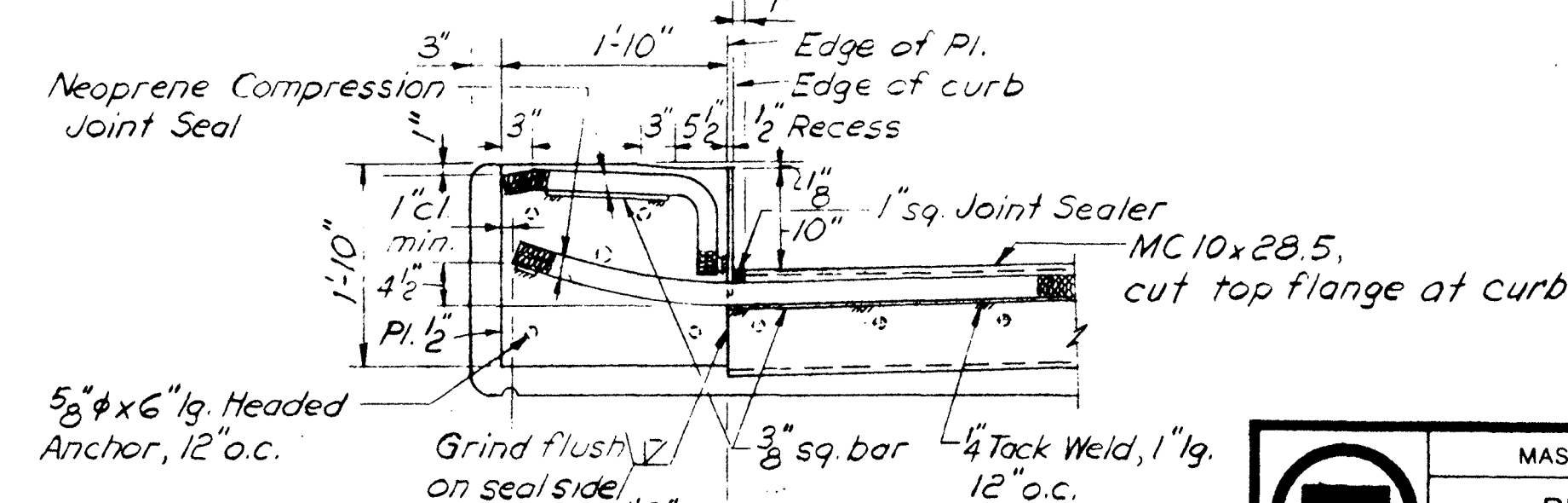
SIDEWALK DETAIL
Scale: 3/4"=1'-0"



ARMORED JOINT DETAIL AT SIDEWALK
Scale: 3/4"=1'-0"

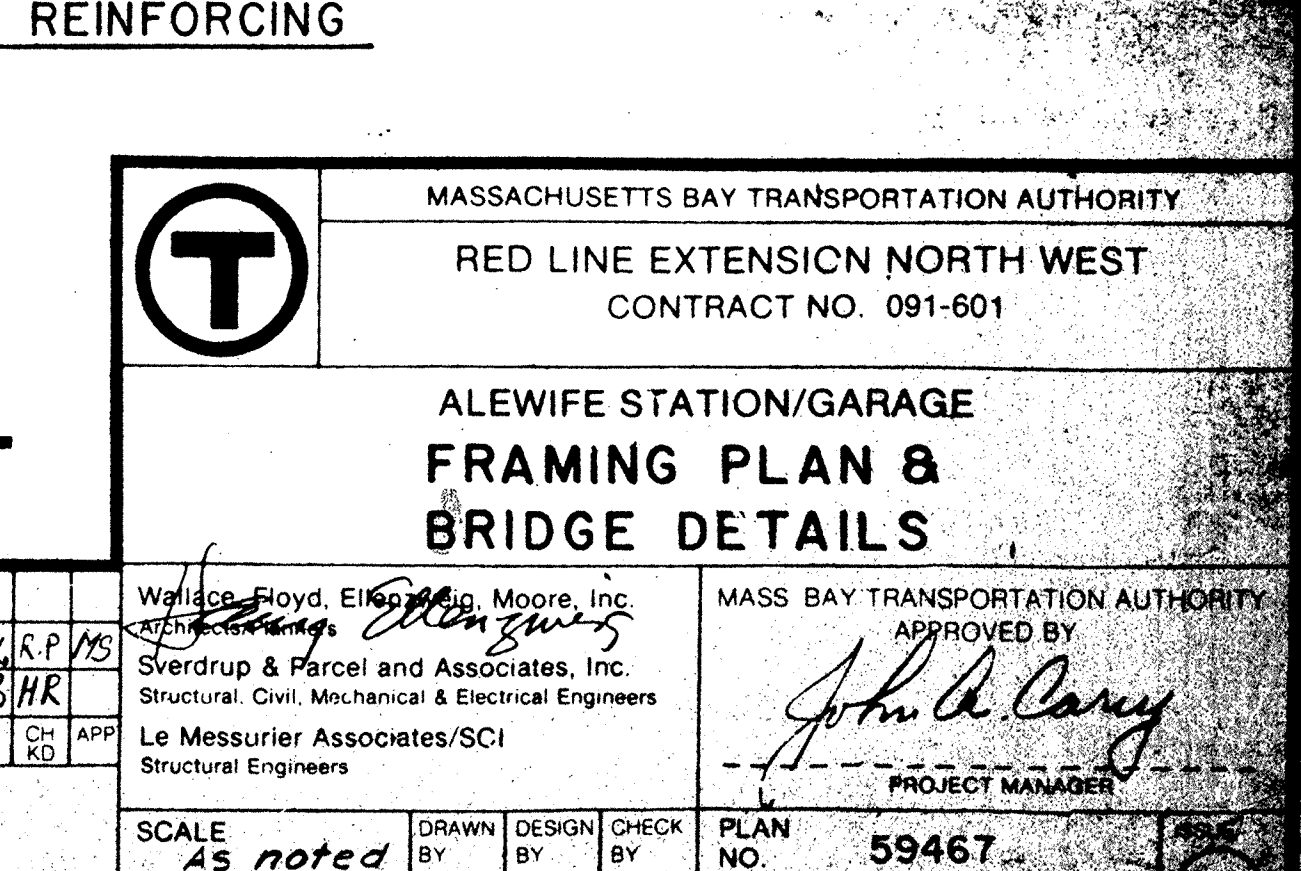
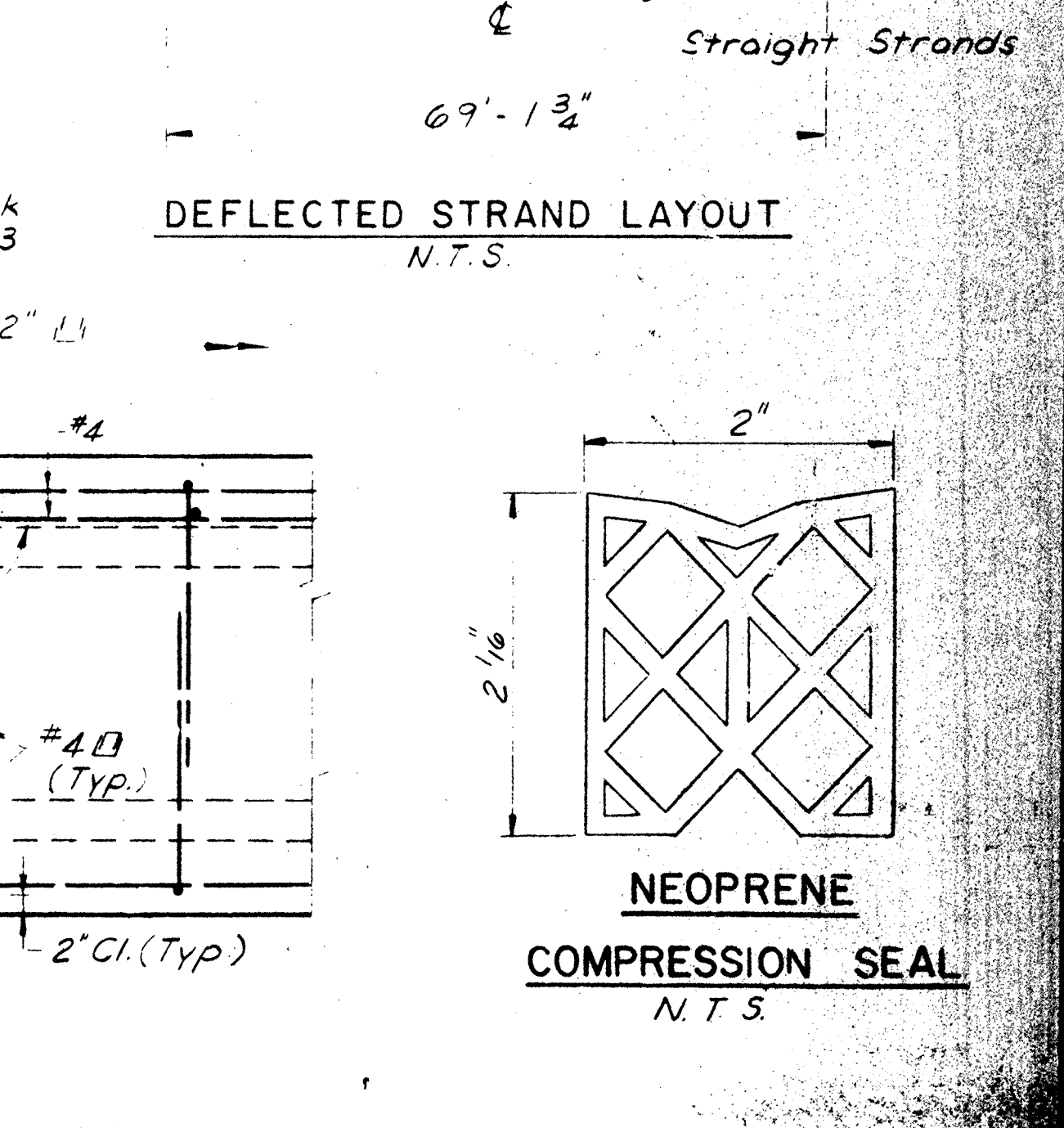
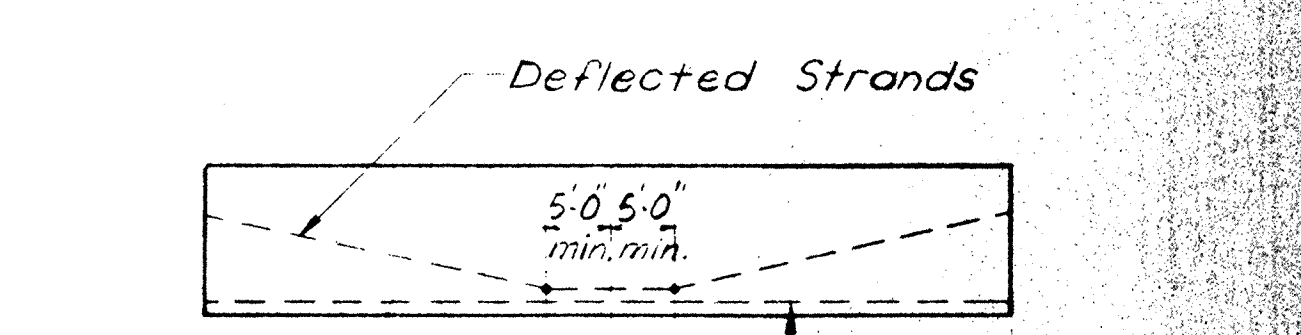
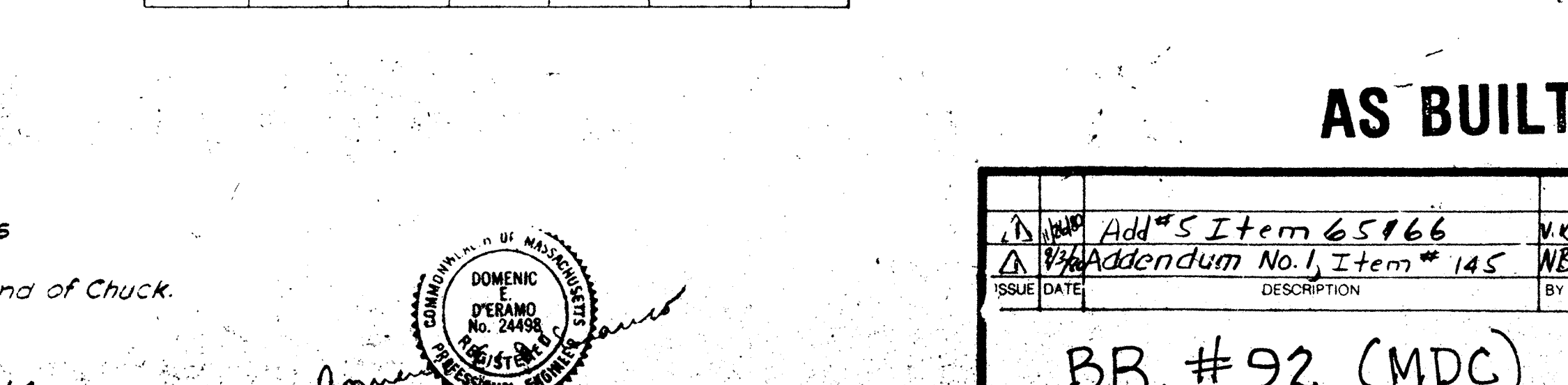
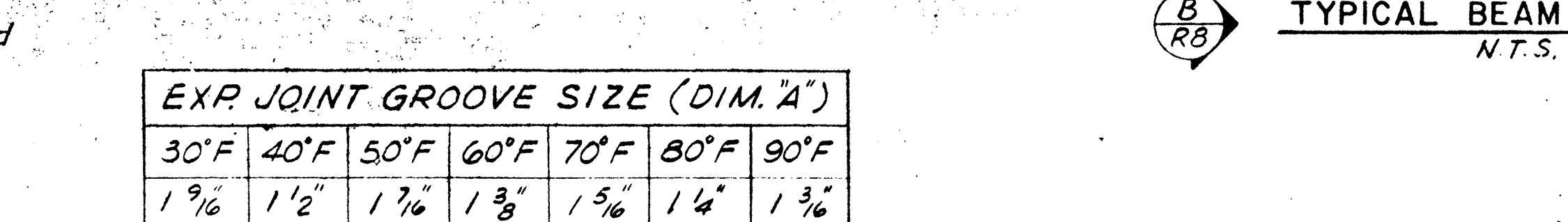
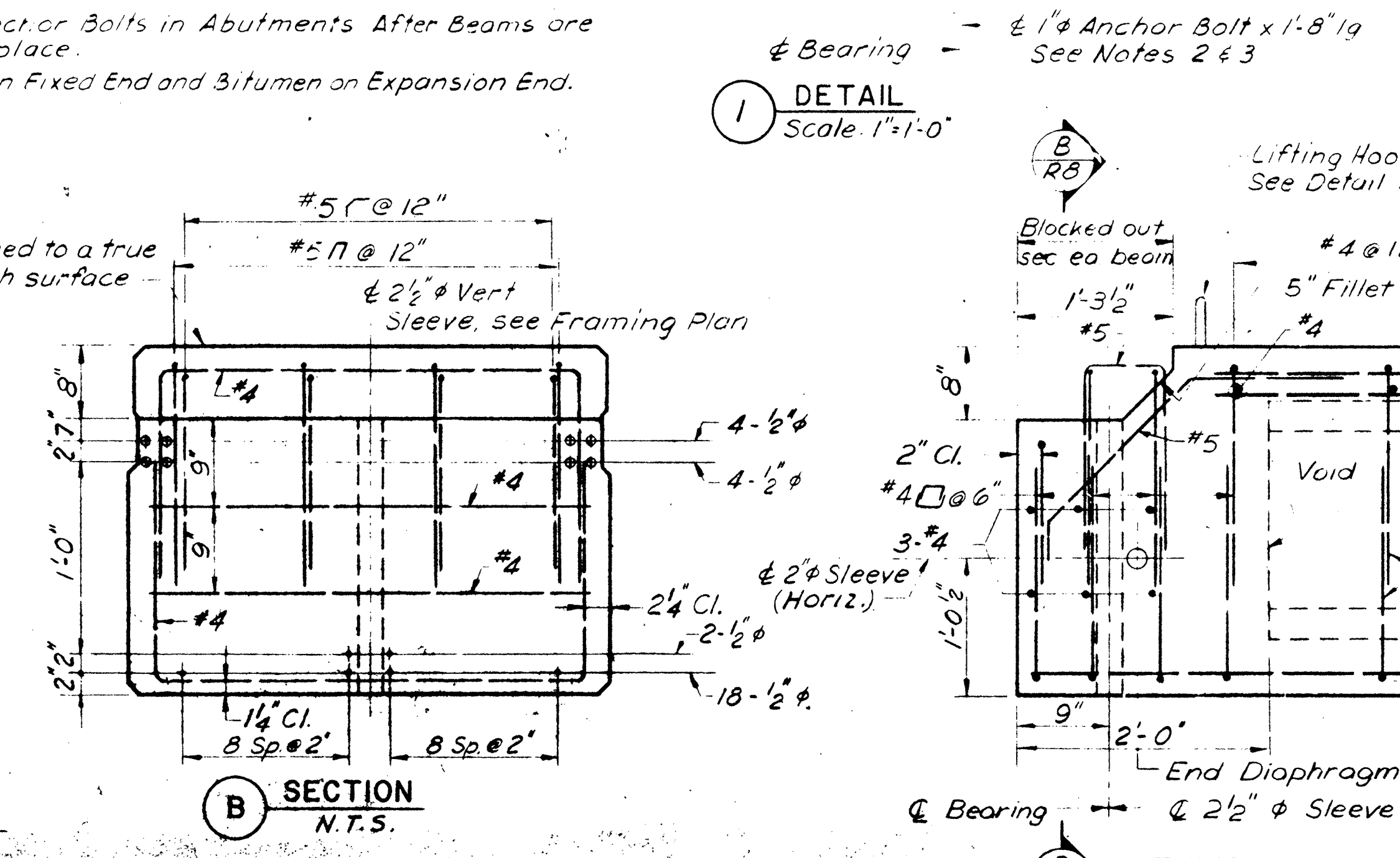
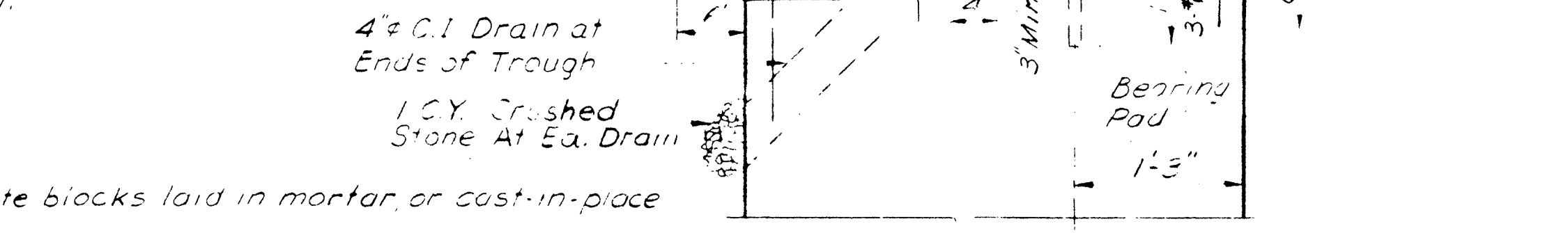
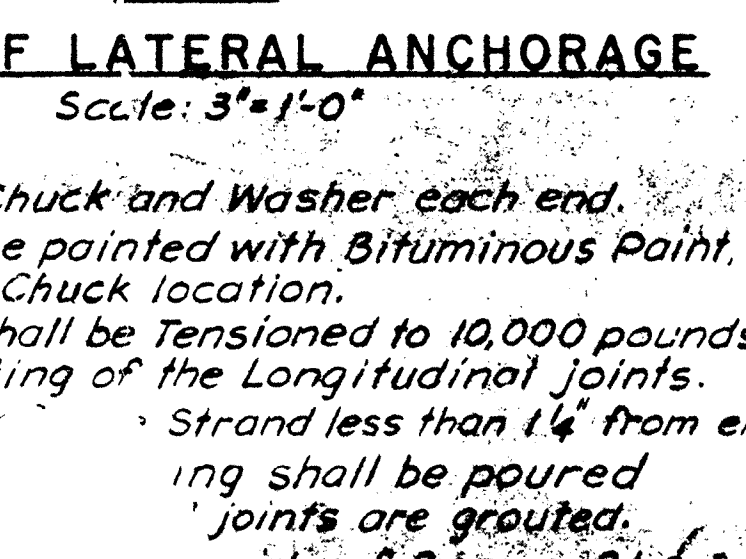
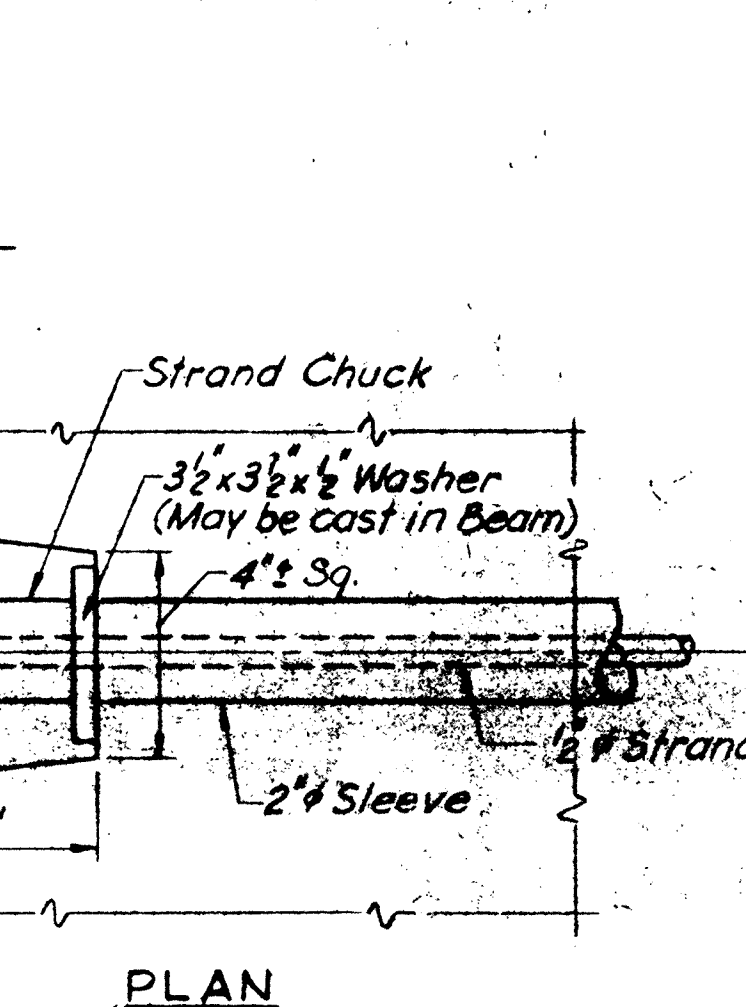
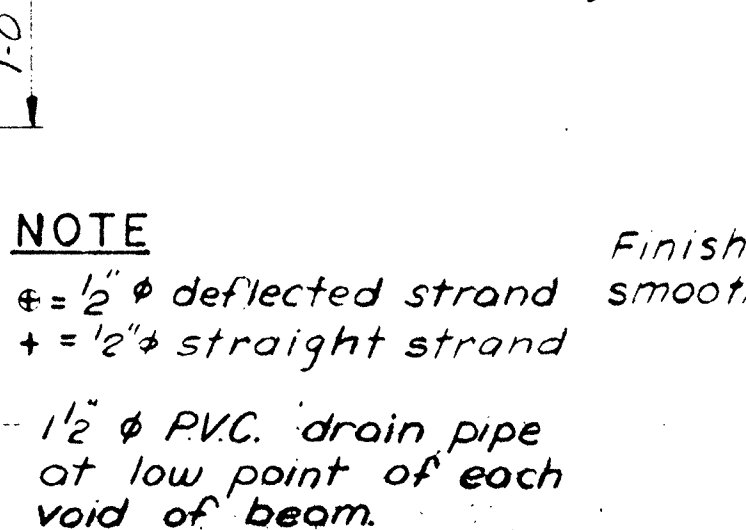
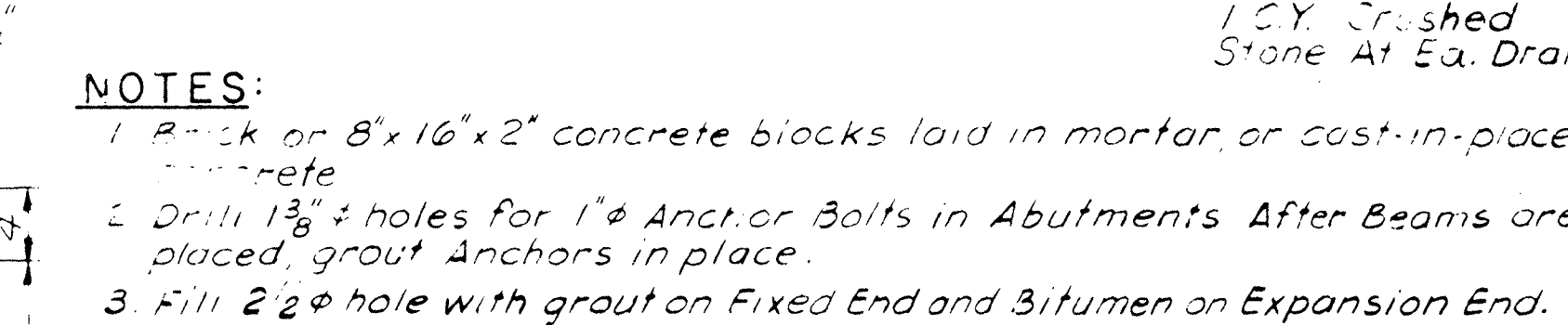
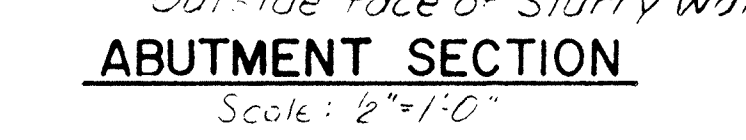
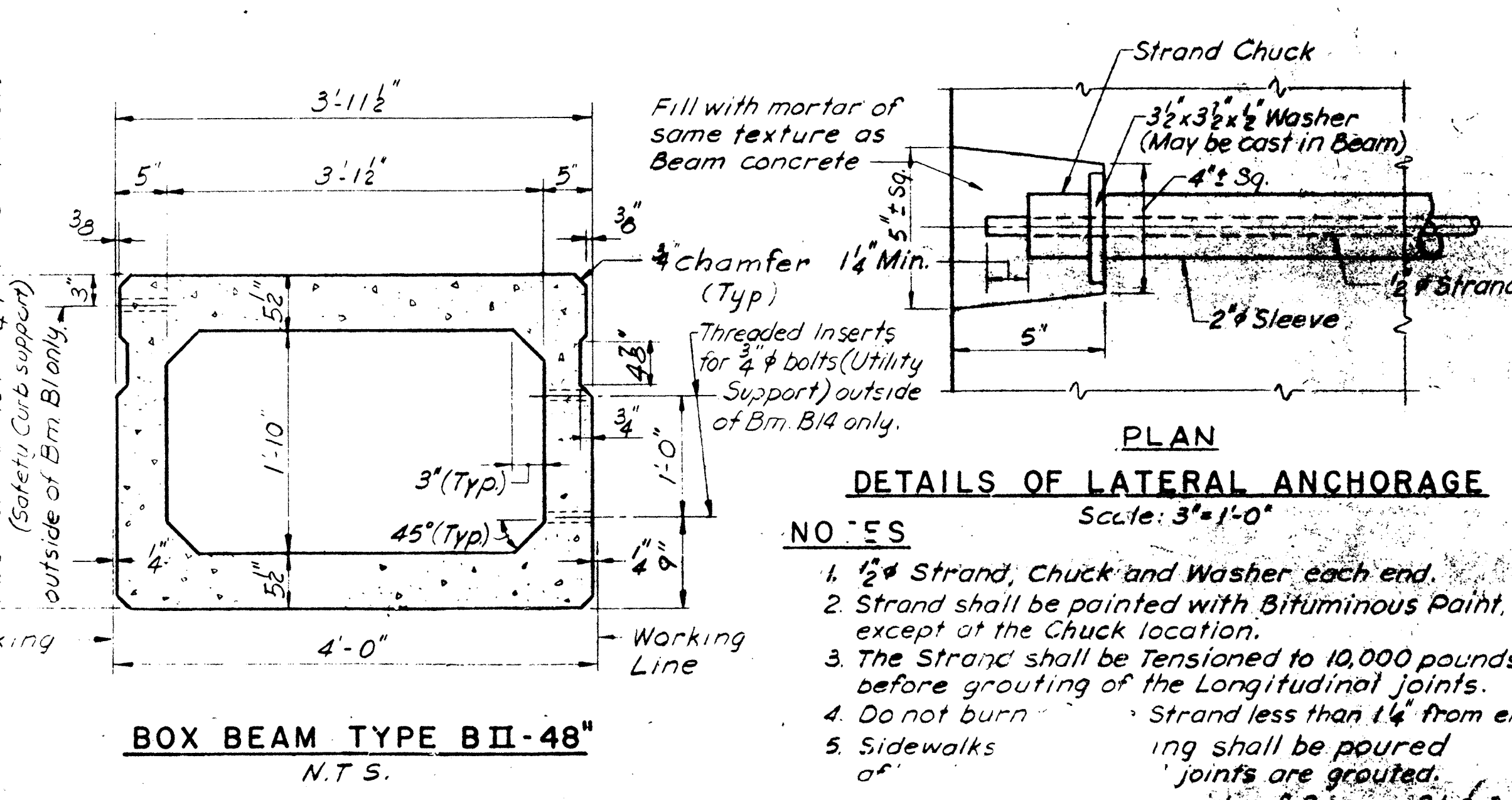
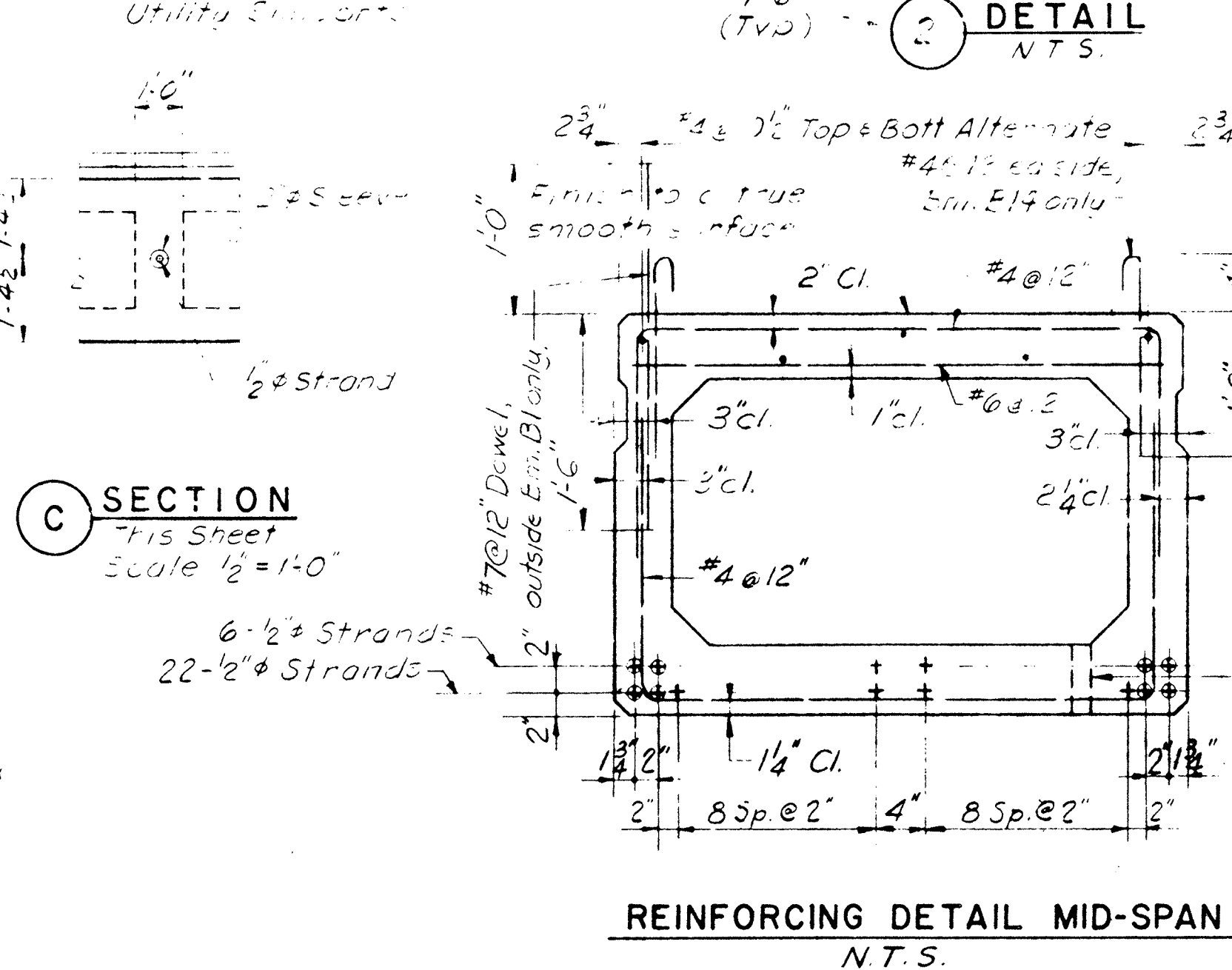
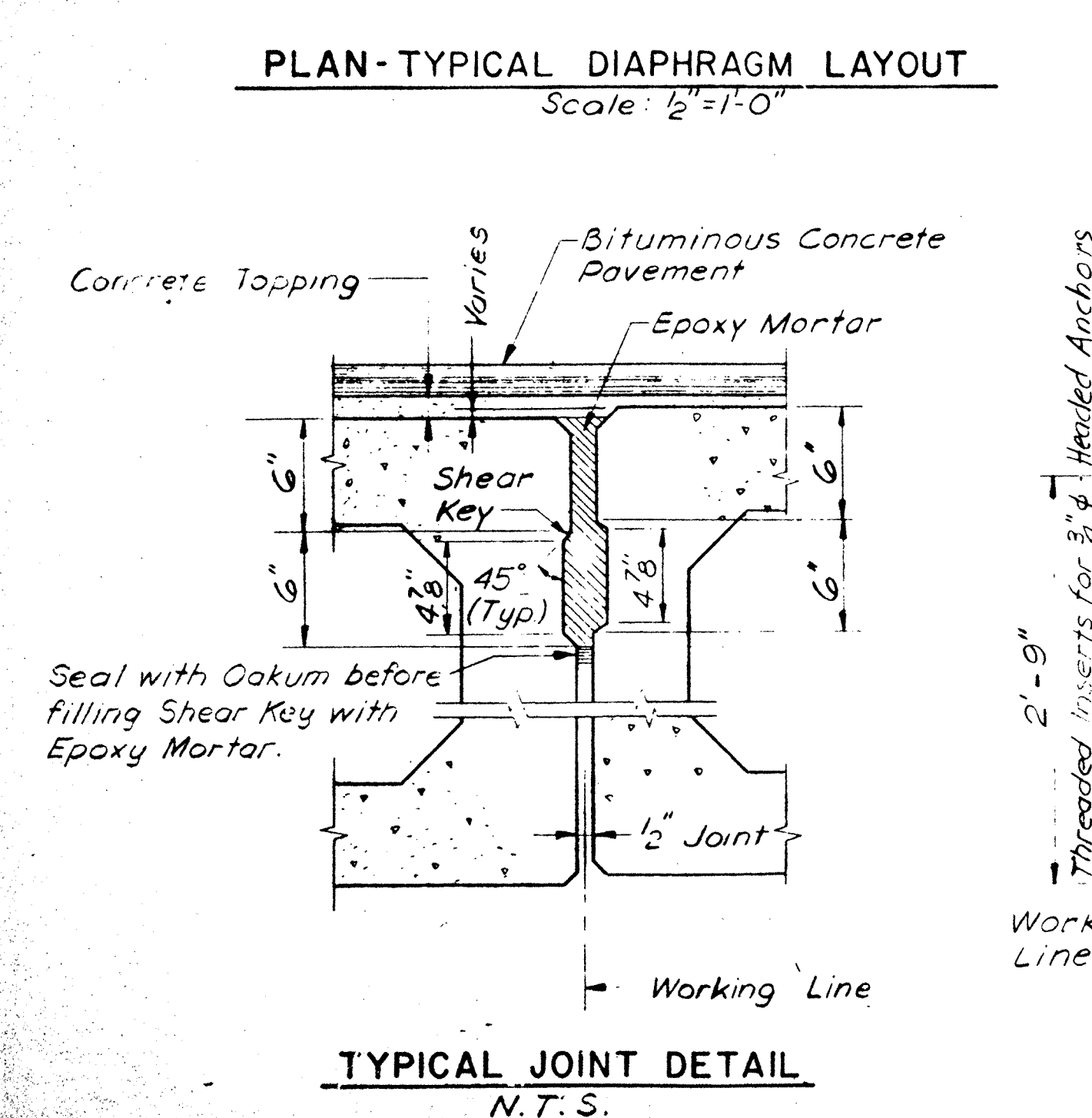
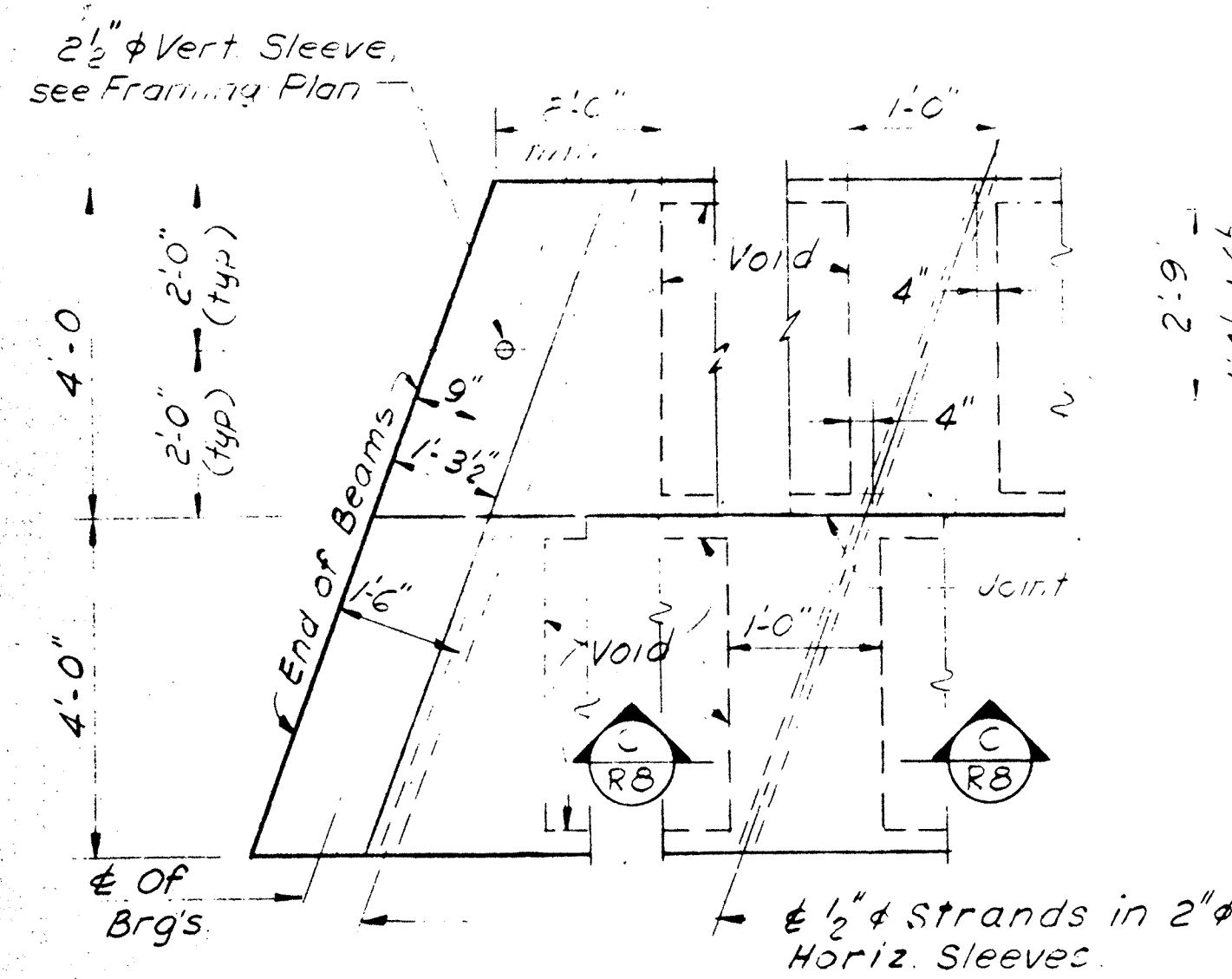
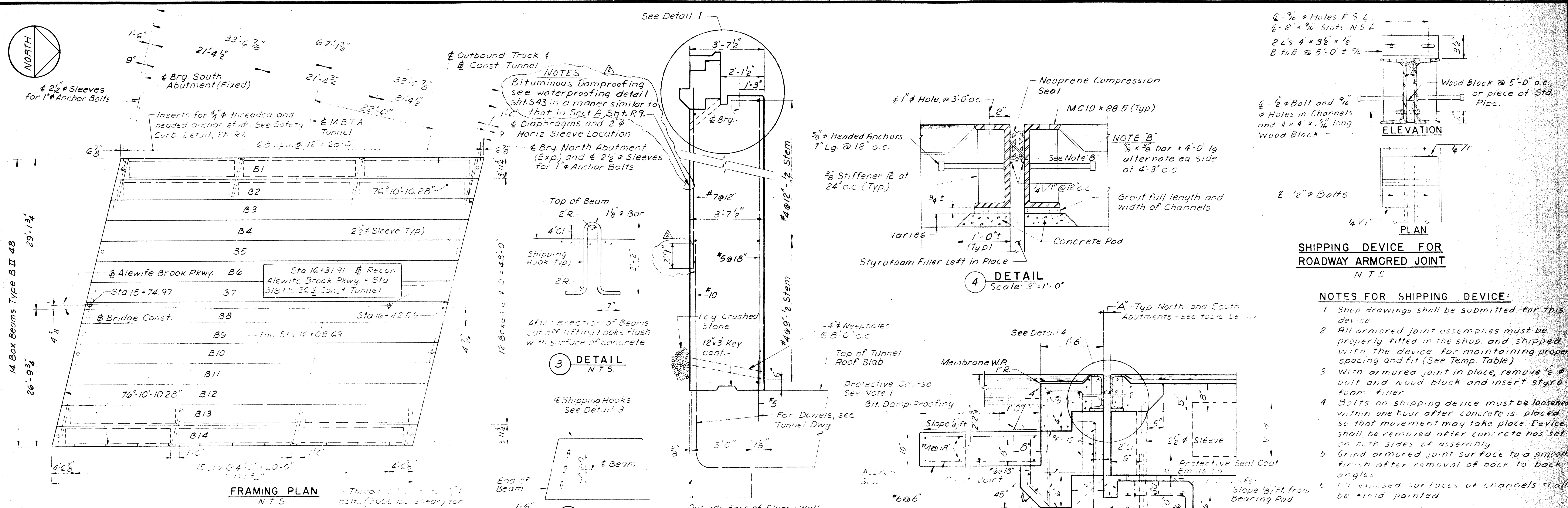


ARMORED JOINT DETAIL AT SAFETY CURB
Scale: 3/4"=1'-0"



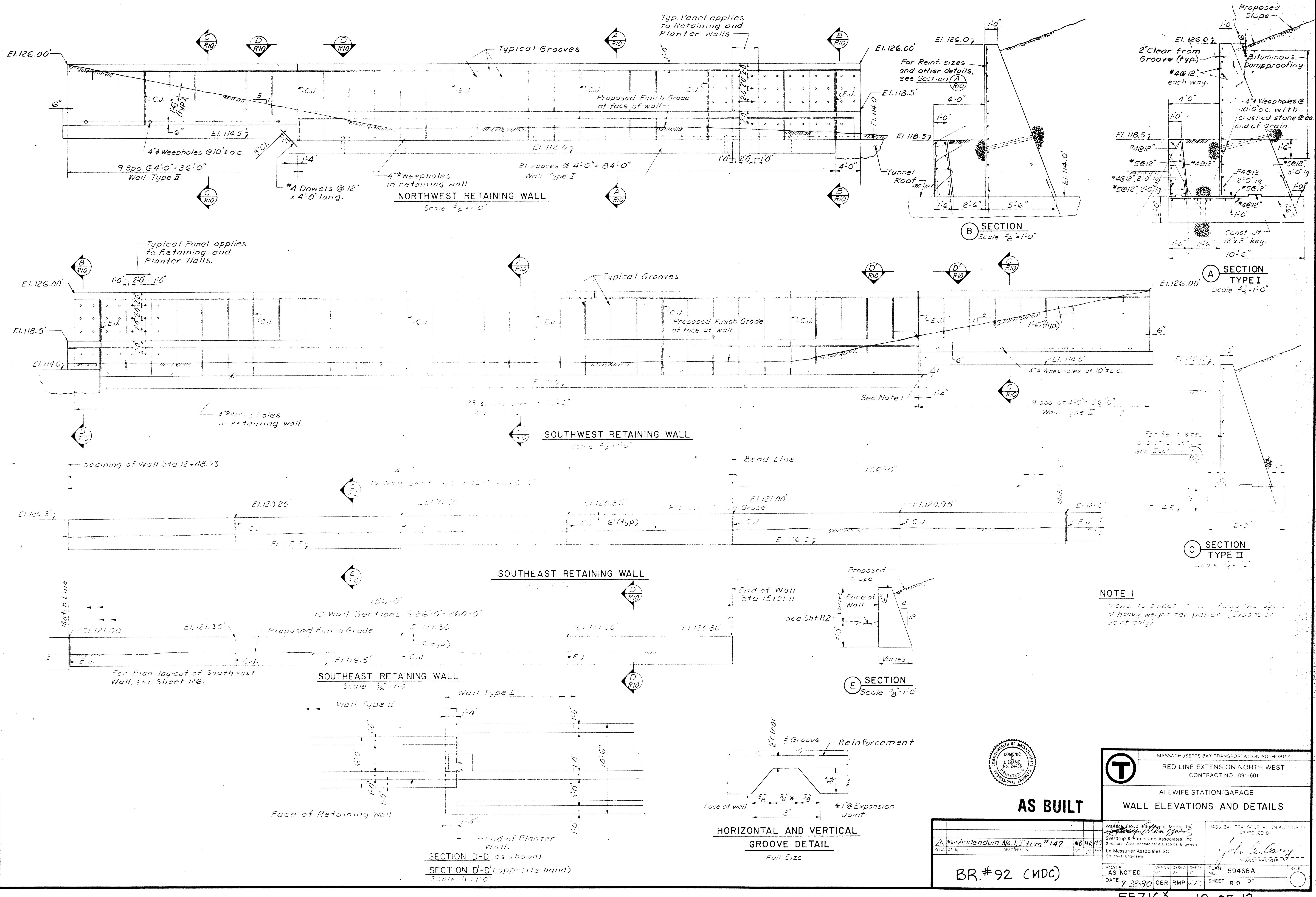
T	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY		
	RED LINE EXTENSION NORTH WEST CONTRACT NO. 091-601		
	ALEWIFE STATION/GARAGE BRIDGE DECK PLAN AND ELEVATION		
APPROVED BY <i>John A. Curry</i> PROJECT MANAGER		MASS BAY TRANSPORTATION AUTHORITY	
SCALE AS NOTED		DATE 7-28-80	SHEET R7 OF

BR. #92 (MDC)



DATE 7-28-80 HBC RFB H.E. SHEET R 8

55716X 8 OF 12

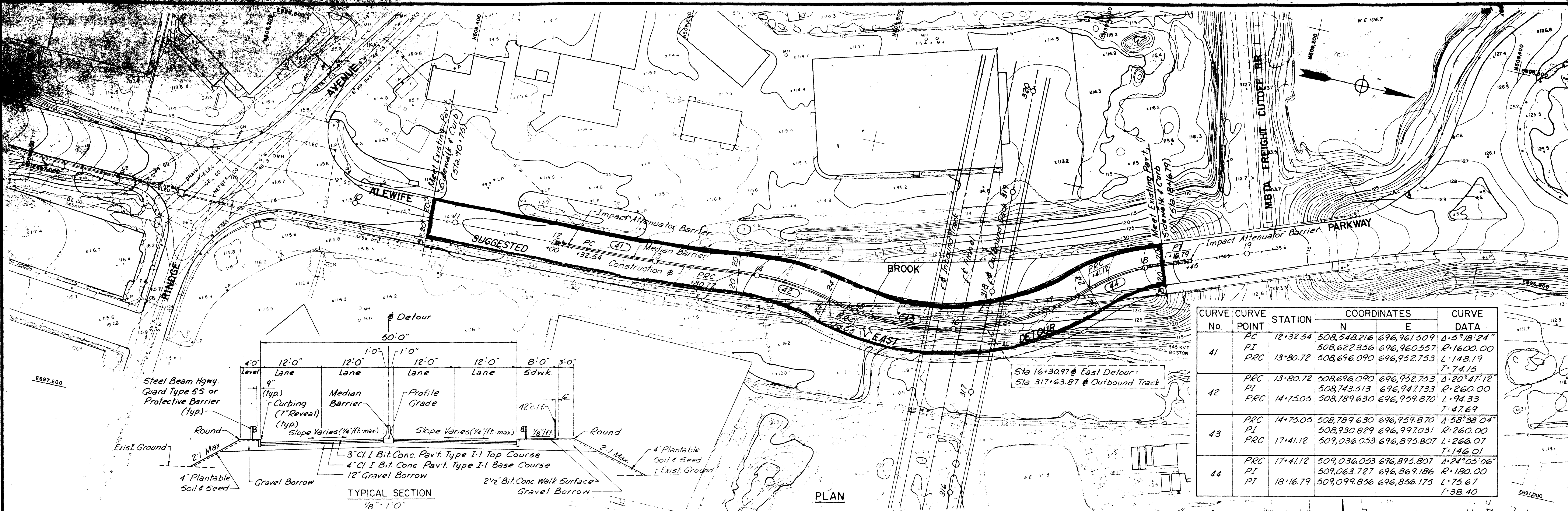


5/53
8/8/30

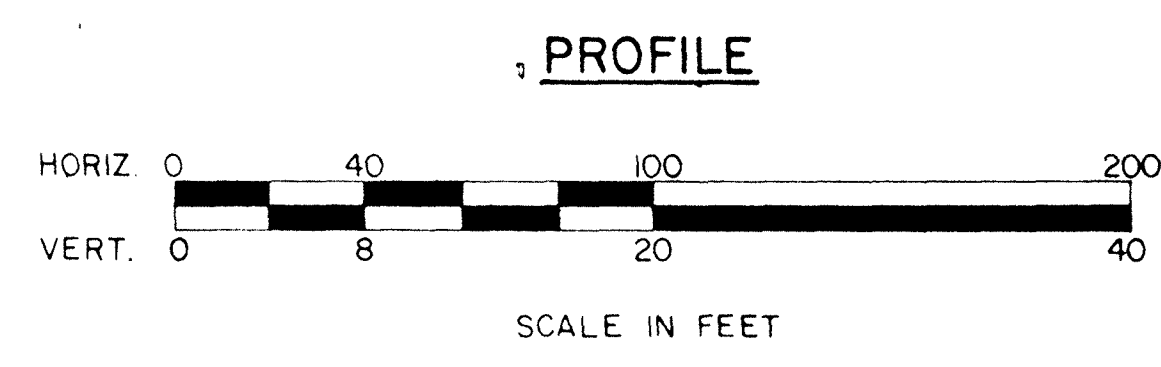
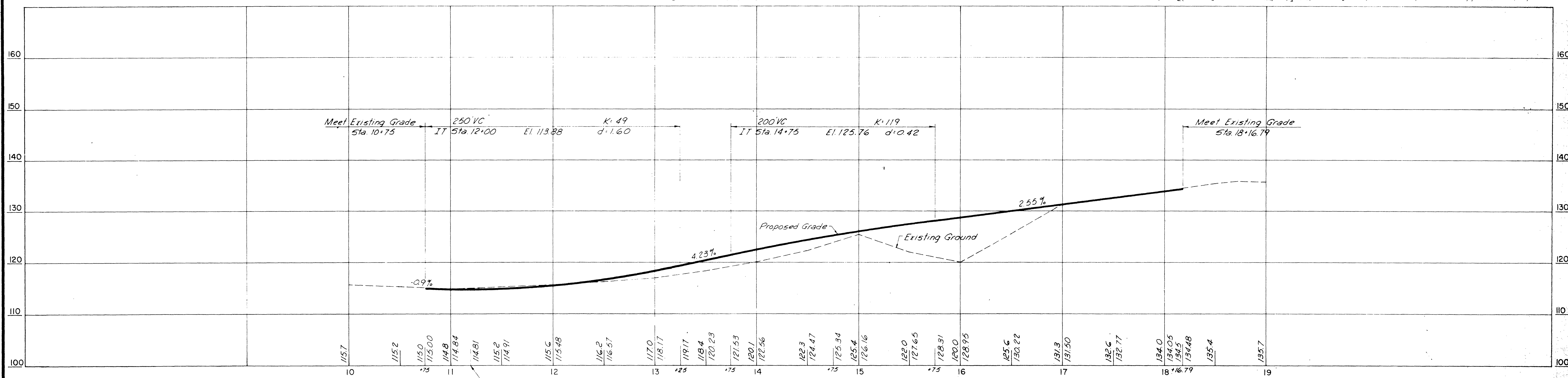


AS BUILT

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED LINE EXTENSION NORTH WEST CONTRACT NO. 091-601	
ALEWIFE STATION/GARAGE WALL ELEVATIONS AND DETAILS	
Drawn by: <i>John F. Moore</i> Checked by: <i>John F. Moore</i> Date: 7-28-80	Designated by: <i>John F. Moore</i> Date: 7-28-80
SCALE: AS NOTED DATE: 7-28-80	SHEET: 10 OF 12

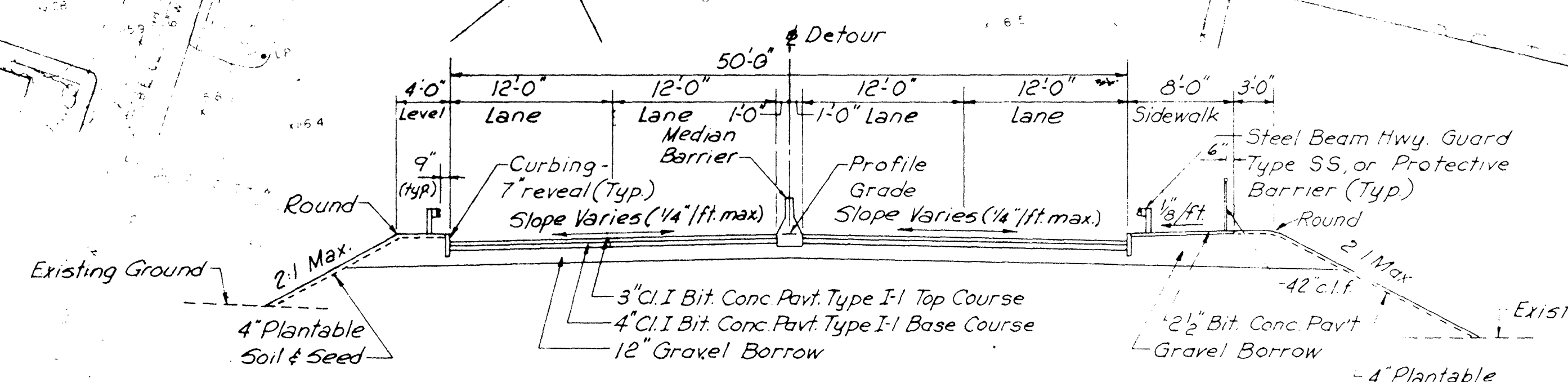
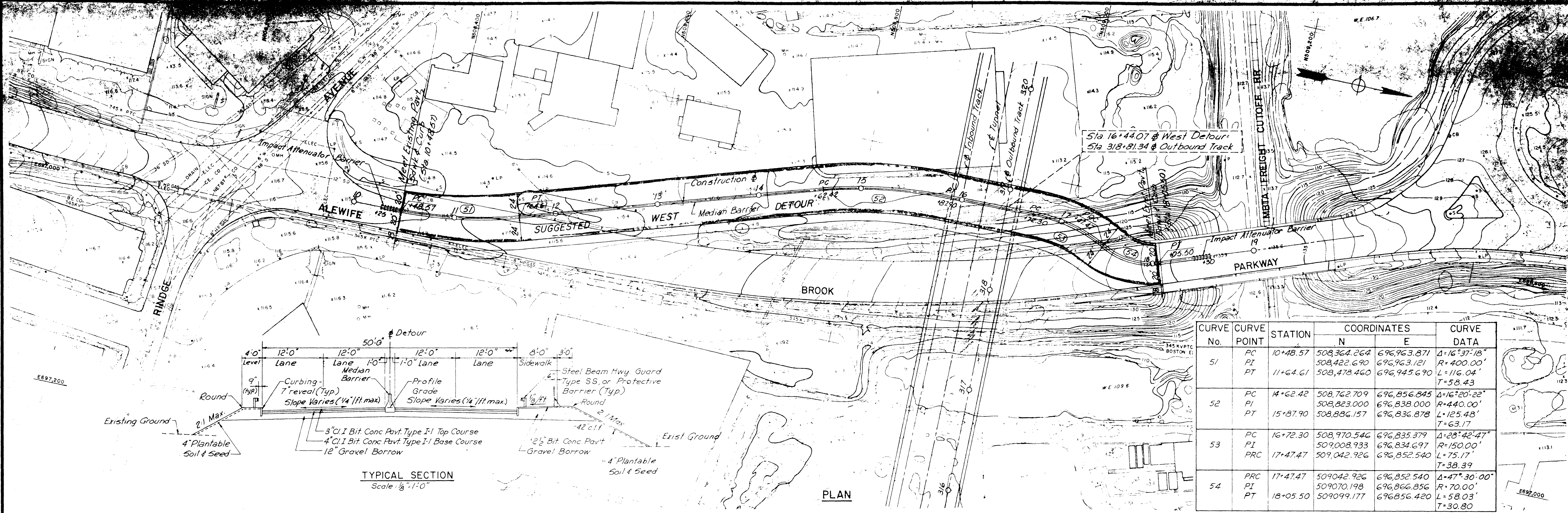


CURVE No.	CURVE POINT	STATION	COORDINATES		CURVE DATA
			N	E	
41	PC	12+32.54	508,548.216	696,961.509	4+5°18'24"
	PI		508,622.356	696,960.557	R=1600.00
	PRC	13+80.72	508,696.090	696,952.753	L=148.19
42	PRC	13+80.72	508,696.090	696,952.753	4+20°47'12"
	PI		508,743.513	696,947.733	R=260.00
	PRC	14+75.05	508,789.630	696,959.870	L=94.33
43	PRC	14+75.05	508,789.630	696,959.870	4+58°38'04"
	PI		508,930.829	696,997.031	R=260.00
	PRC	17+41.12	509,036.053	696,895.807	L=266.07
44	PRC	17+41.12	509,036.053	696,895.807	4+24°05'06"
	PI		509,063.727	696,869.186	R=180.00
	PT	18+16.79	509,099.856	696,856.175	L=75.67

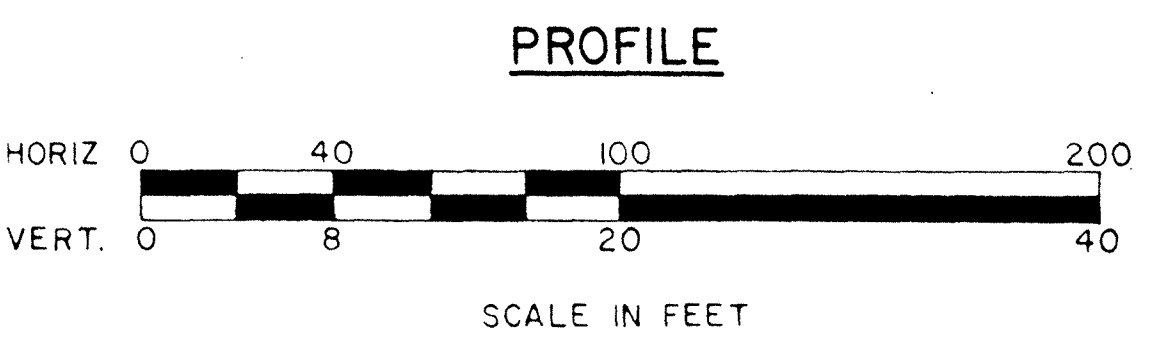
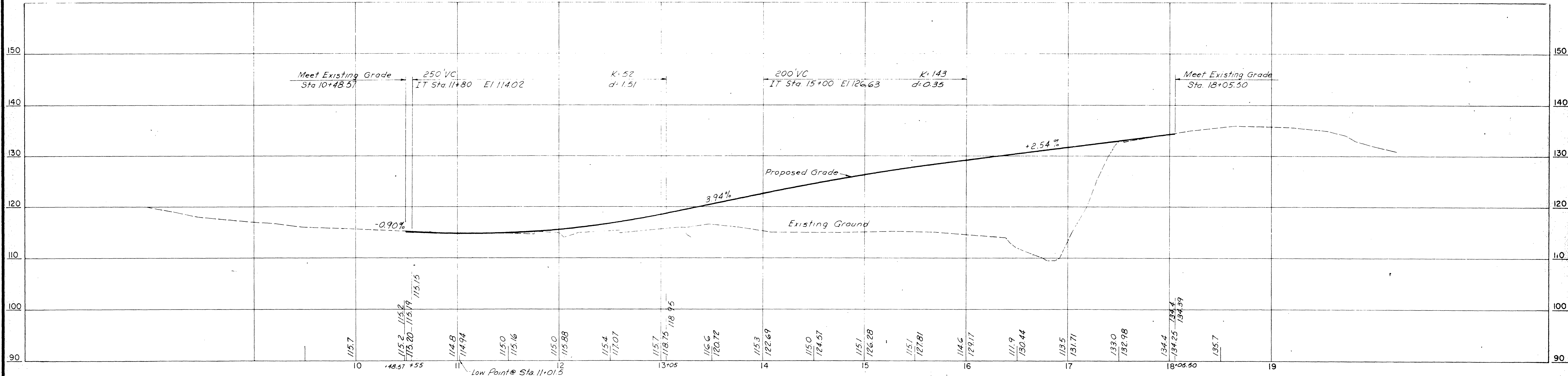


MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED LINE EXTENSION NORTHWEST CONTRACT NO. 091-601		ALEWIFE STATION/GARAGE SUGGESTED EAST DETOUR	
		WALLACE, FLOYD, ELLENZWEIG, MOORE, INC. ARCHITECTS/PLANNERS SVERDRUP & PARCEL AND ASSOCIATES, INC. STRUCTURAL, CIVIL, MECHANICAL & ELECTRICAL ENGINEERS LE MESSURIER ASSOCIATES/SCI STRUCTURAL ENGINEERS	
MASS. BAY TRANSPORTATION AUTHORITY APPROVED BY PROJECT MANAGER		SCALE: As Noted DATE: 7-28-80 FNC FNC CJB SHEET D-1 OF 2	

BR.#92 (MDC)



CURVE No.	CURVE POINT	STATION	COORDINATES		CURVE DATA
			N	E	
51	PC	10+48.57	508,364.864	696,963.871	$\Delta=16^{\circ}37'18''$
	PI		508,422.690	696,963.121	$R=400.00'$
	PT	11+64.61	508,478.460	696,945.690	$L=116.04'$ $T=58.43'$
52	PC	14+62.42	508,762.709	696,856.845	$\Delta=16^{\circ}20'22''$
	PI		508,823.000	696,838.000	$R=440.00'$
	PT	15+87.90	508,886.157	696,836.878	$L=125.48'$ $T=63.17'$
53	PC	16+72.30	508,970.546	696,835.379	$\Delta=28^{\circ}42'47''$
	PI		509,008.933	696,834.697	$R=150.00'$
	PT	17+47.47	509,042.926	696,852.540	$L=75.17'$ $T=38.39'$
54	PC	17+47.47	509,042.926	696,852.540	$\Delta=47^{\circ}30'00''$
	PI		509,070.198	696,866.856	$R=70.00'$
	PT	18+05.50	509,099.177	696,856.420	$L=58.03'$ $T=30.80'$



PROFILE

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED LINE EXTENSION NORTHWEST CONTRACT NO. 091-601		ALEWIFE STATION/GARAGE SUGGESTED WEST DETOUR	
		WALLACE, FLOYD, ELLENZWEIG, MOORE, INC. ARCHITECTS/PLANNERS SVERDRUP & PORCEL AND ASSOCIATES, INC. STRUCTURAL, CIVIL, MECHANICAL, & ELECTRICAL ENGINEERS LE MEASURE ASSOCIATES/SCI STRUCTURAL ENGINEERS	
DATE: 7-28-80 DRAWN BY: CER/VNC DESIGN BY: CJB CHECK BY:		PROJECT MANAGER SCALE: As Noted PLAN NO. 59470 SHEET 0-2 OF 2	

BR.#92 (MDC)