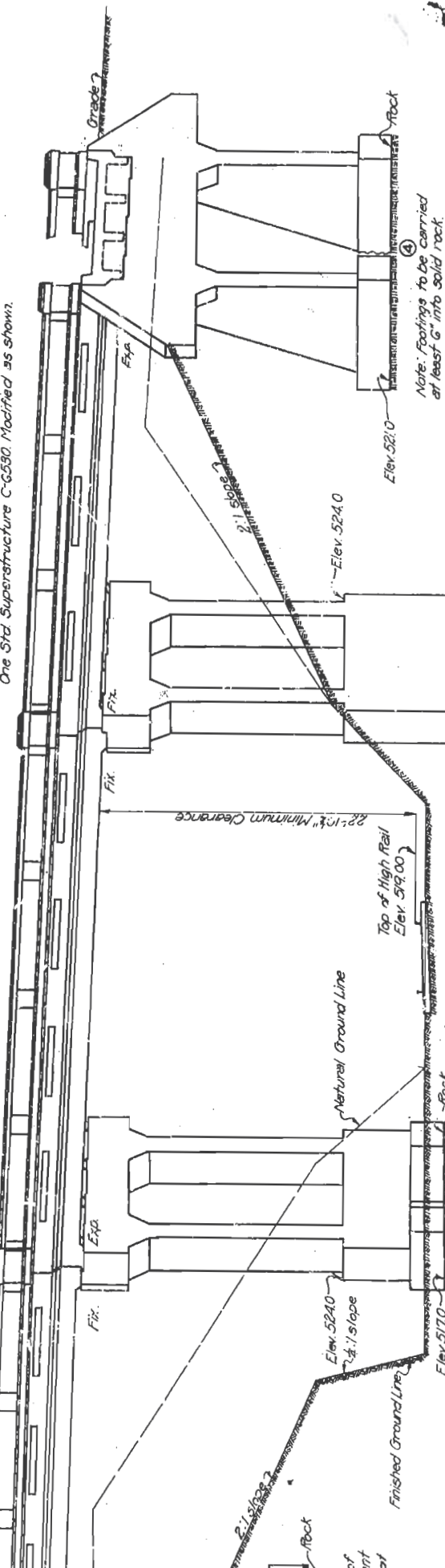


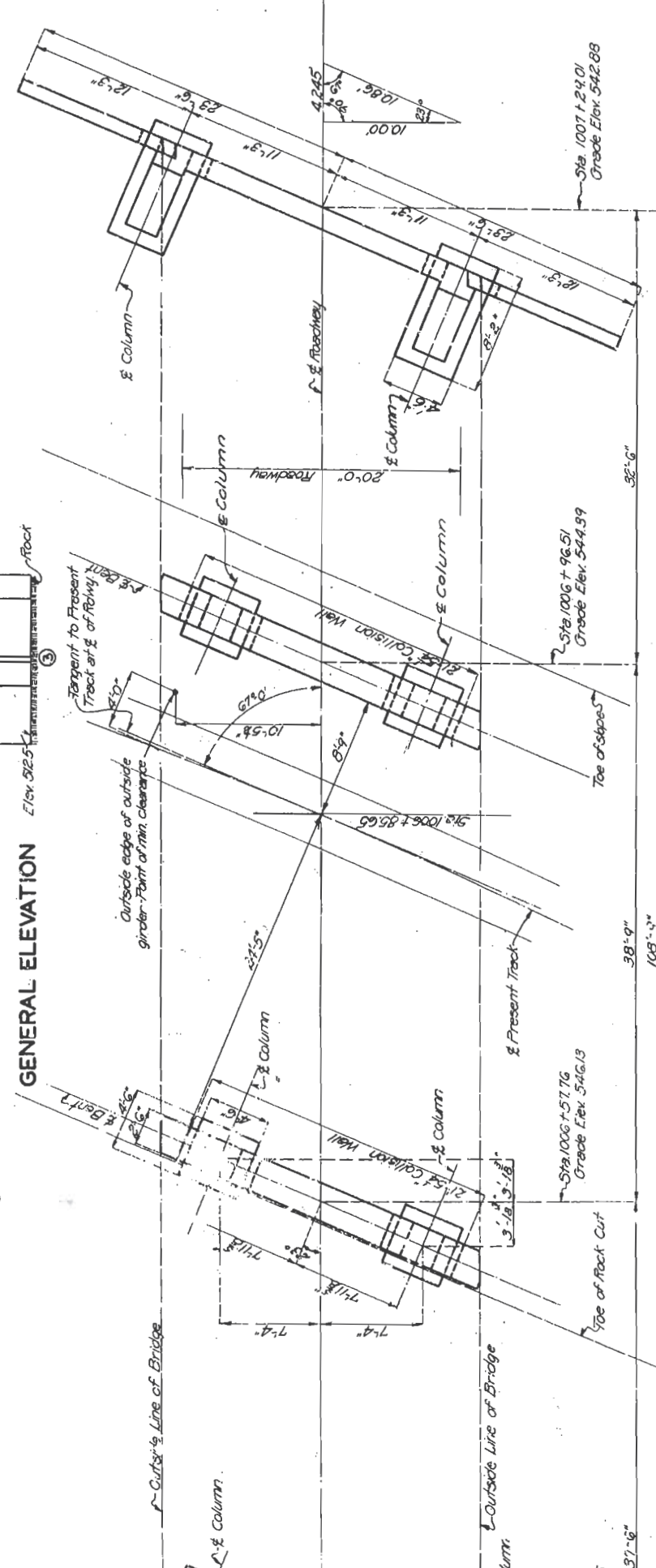
STE. GEE
N Grabow
W. I. T.
N. Grabow



GENERAL ELEVATION

GENERAL

Concrete in
Concrete in
Class "C" All other
Exposed
bevel is noted
Where bilumin
partition joints
securely to on
Two name
to be furnishe
name plates
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shall be consi
clearance of c
inside of cur
Bridge ext
of standard
No perman
girders.

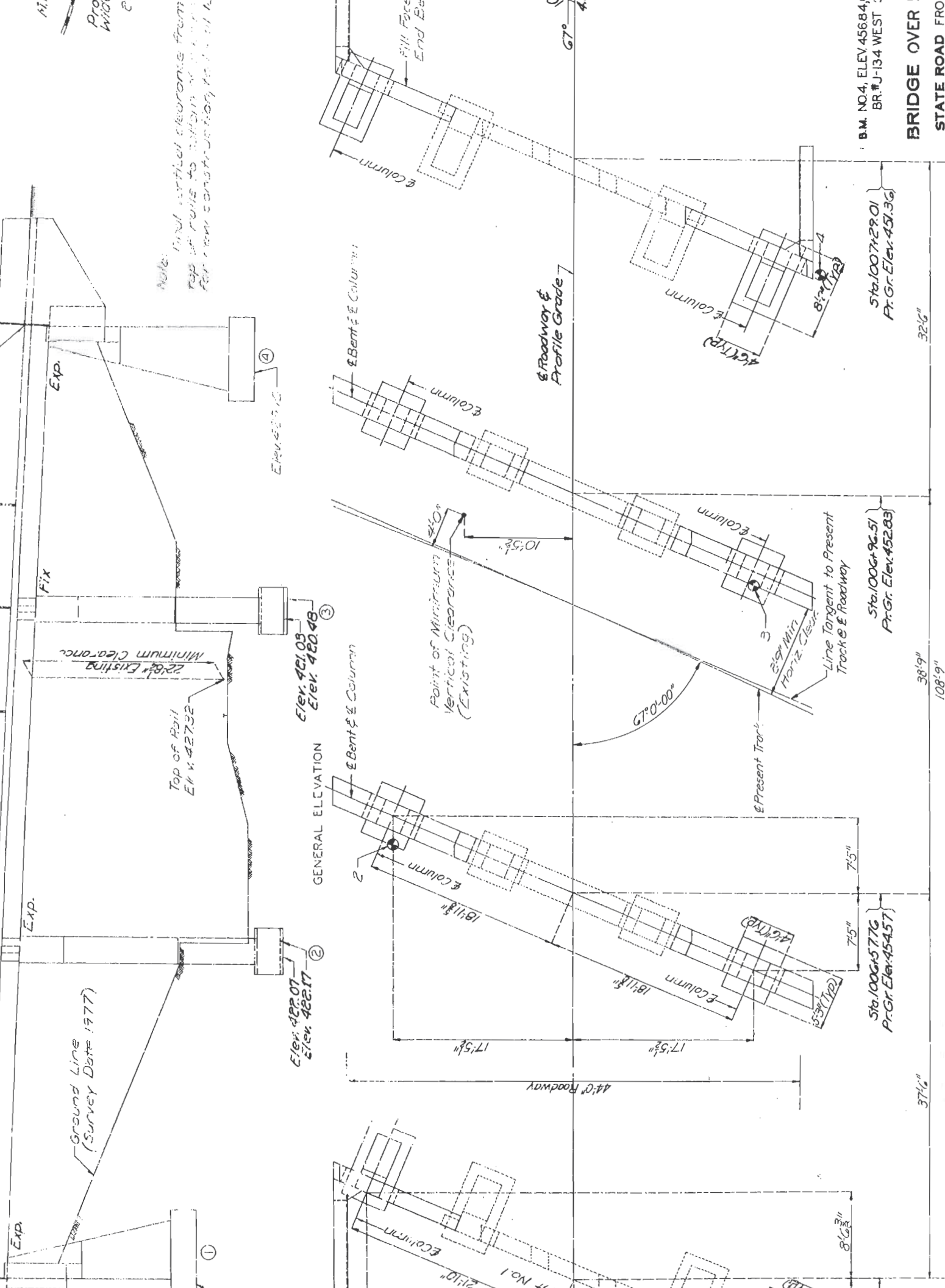


ESTIMATED QUANTITIES			
Item	Substr.	Superstr.	Total
Ex. rethon	Class I		
Concrete	12.3 m ²		
	Cu X 6		
	Cu X 6	110	110
			975

54	38	11	54687	68	46	58	72	13	08	54580	57	85	18	54890	67	85	82	54892	76	52	27	06	54288
----	----	----	-------	----	----	----	----	----	----	-------	----	----	----	-------	----	----	----	-------	----	----	----	----	-------

BRIDGE C
STATE ROAD
ABOUT 1.5 MI
PROJECT NO
STE. GENIE

**BRIDGE OVER
STATE ROAD FROM
IN SAINT GENEVIEVE
PROJECT NO. 100**



GENERAL NO
DESIGN SPR
A A S
DESIGN LOA
H20-4
NG FUL
EARTH
EQUIV
SUPER

DESIGN UNI
CLASS
CLASS

REINFORC
NOTE:

FOR PE
BEARIN
ALL JO
1057.2.4.

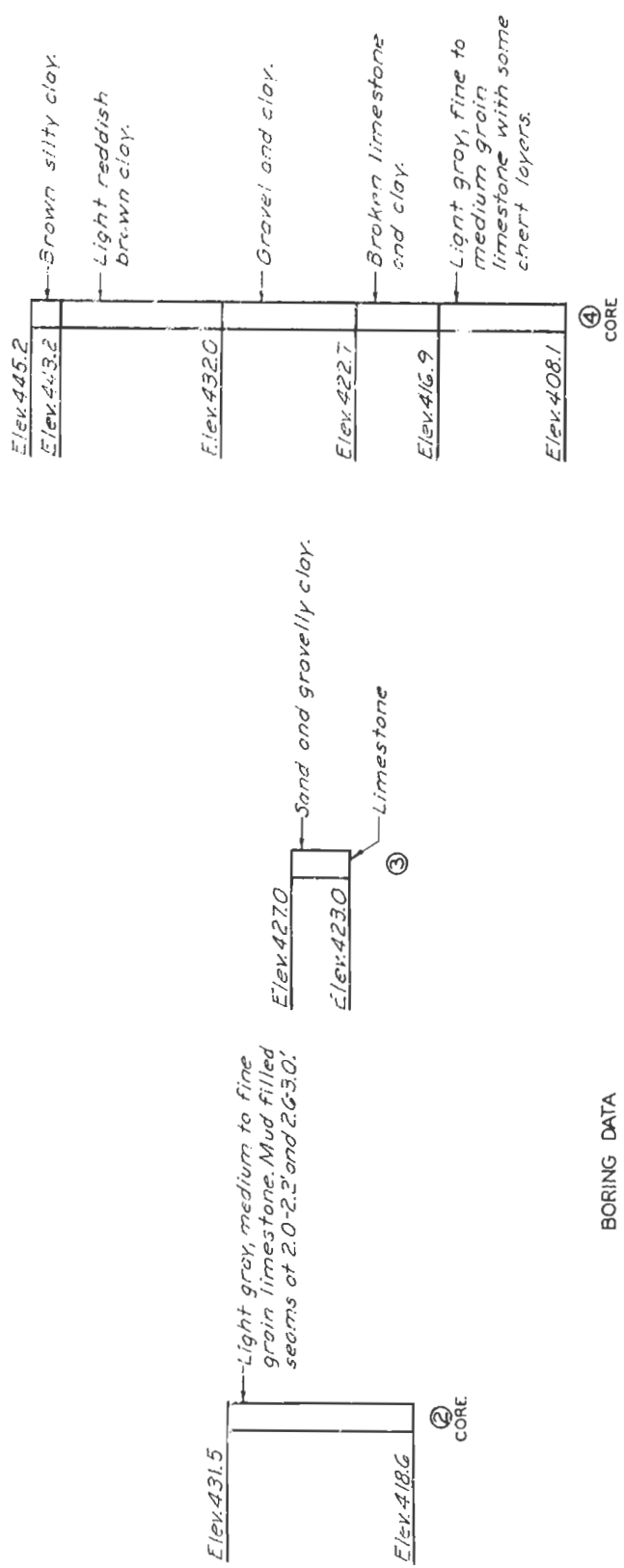
TRAFFI
SEE SPECI
REINFORC
UNLESS O
ALL CO
INCLUDED

MINIMU
REINFORC
UNLESS O
ALL CO
INCLUDED

HEAVY L
OUTLIN
A MIN
OF RAIL
AND AT
CENTER
BE MAINT

SEE JO
WEARING
BARS B
STRIPED
IS AVAIL
DIAMETER

ANCHOR
CASEHARD
BROADEN
COST C
SHALL BE



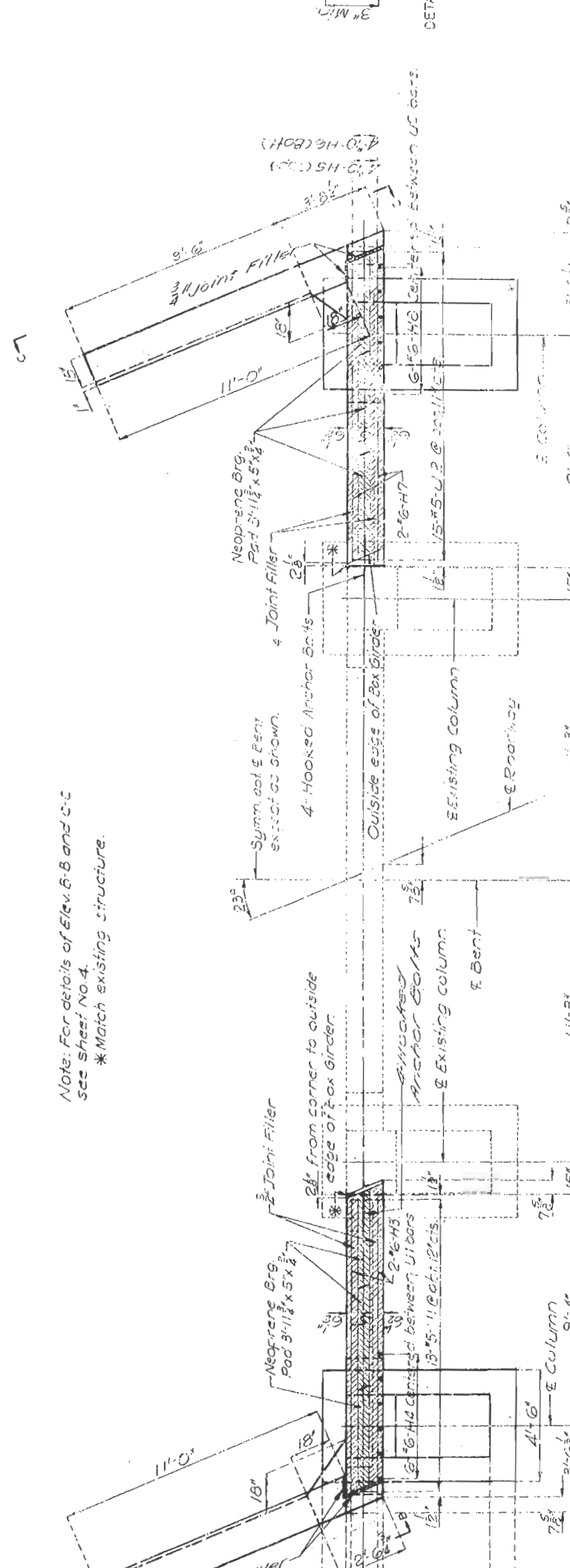
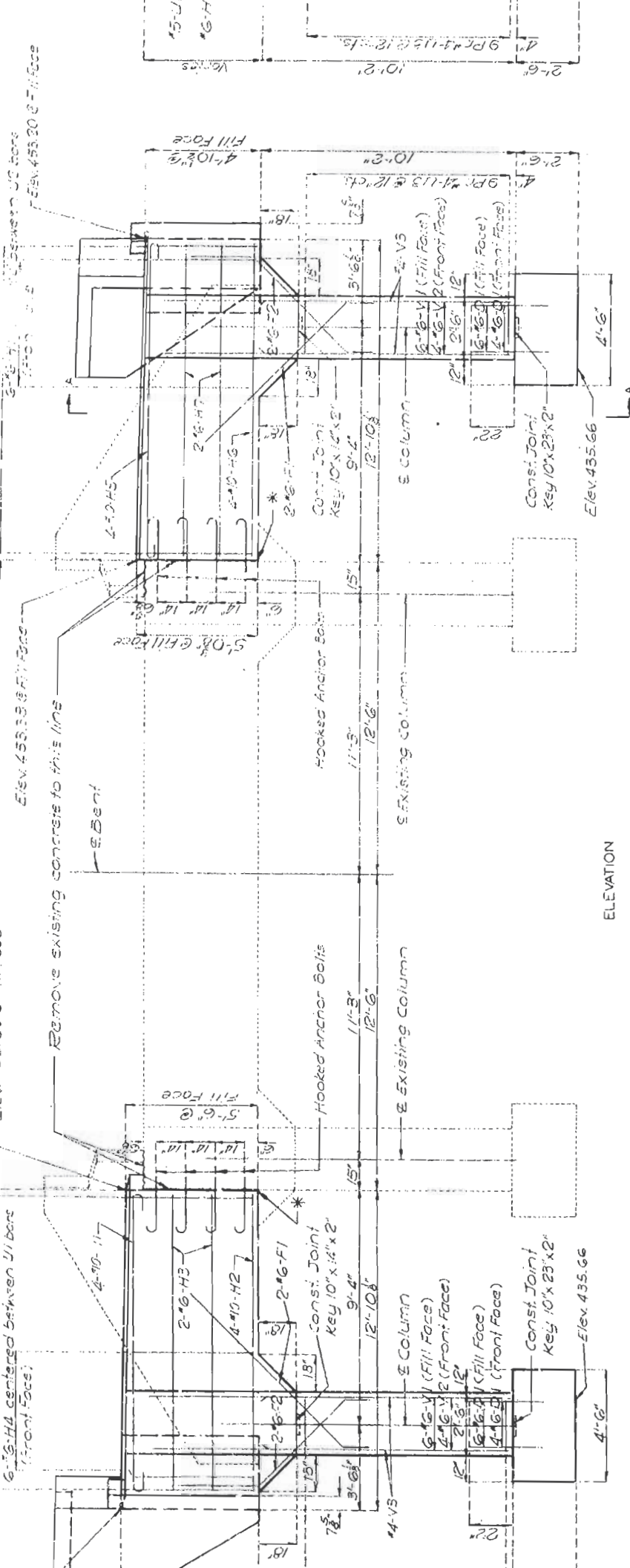
BORING DATA

Note: For location of borings see sheet No. 1.

BORING DATA				
	1	2	3	4
ROCK	ROCK	ROCK	ROCK	ROCK
Q.F.T.	1.5	5.3	5.3	1.5

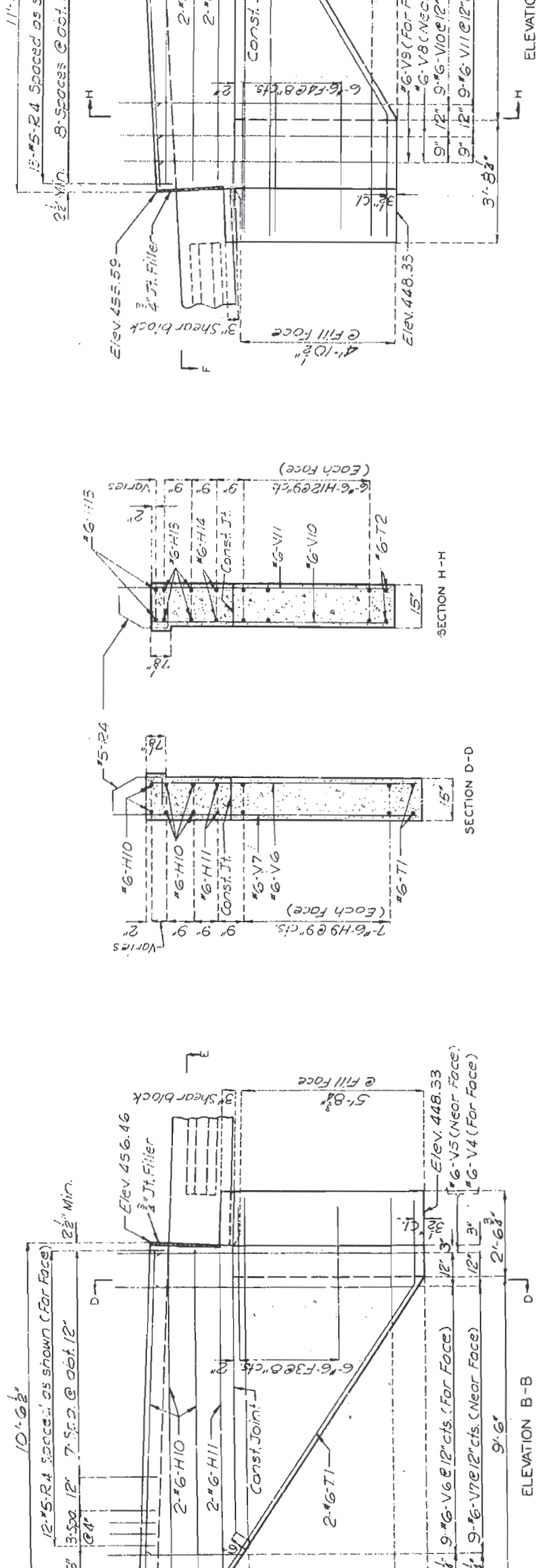
ESTIMATED QUANTITIES				
ITEM	SUBSTR.	SUPERSTR.	TOTAL	
CLASS 1 EXCAVATION	(CU. YD.)	230	230	
CONCRETE WEARING SURFACE (*)	(SQ. YD.)	275	275	
CLASS B CONCRETE	(CU. YD.)	136.4	136.4	
CLASS B2 CONCRETE	(CU. YD.)	90.1	90.1	
PLAIN NEOPRENE BEARING PADS (3/4 INCH)	(EACH)	36	36	
PRESTRESSED CONCRETE MEMBERS, BOX SECTION (35' SPAN)	(EACH)	6	6	
PRESTRESSED CONCRETE MEMBERS, BOX SECTION (25' SPAN)	(EACH)	6	6	
PRESTRESSED CONCRETE MEMBERS, BOX SECTION (30' SPAN)	(EACH)	6	6	
REINFORCING STEEL	(POUND)	10,800	27,440	
STRIP SEAL EXPANSION DEVICE (2")	(LIN. FT.)	216	216	
SPECIAL WORK	(LUMP SUM)		1	
REINFORCING STEEL (EPOXY COATED)	(POUND)	5,190	5,190	
REPAIRING CONCRETE DECK	(SQ. FT.)	129	129	

*See Special Provision for alternate use of concrete wearing surface. Alternate A is: Extra Modified Concrete. Alternate B is: Low Slump Concrete.

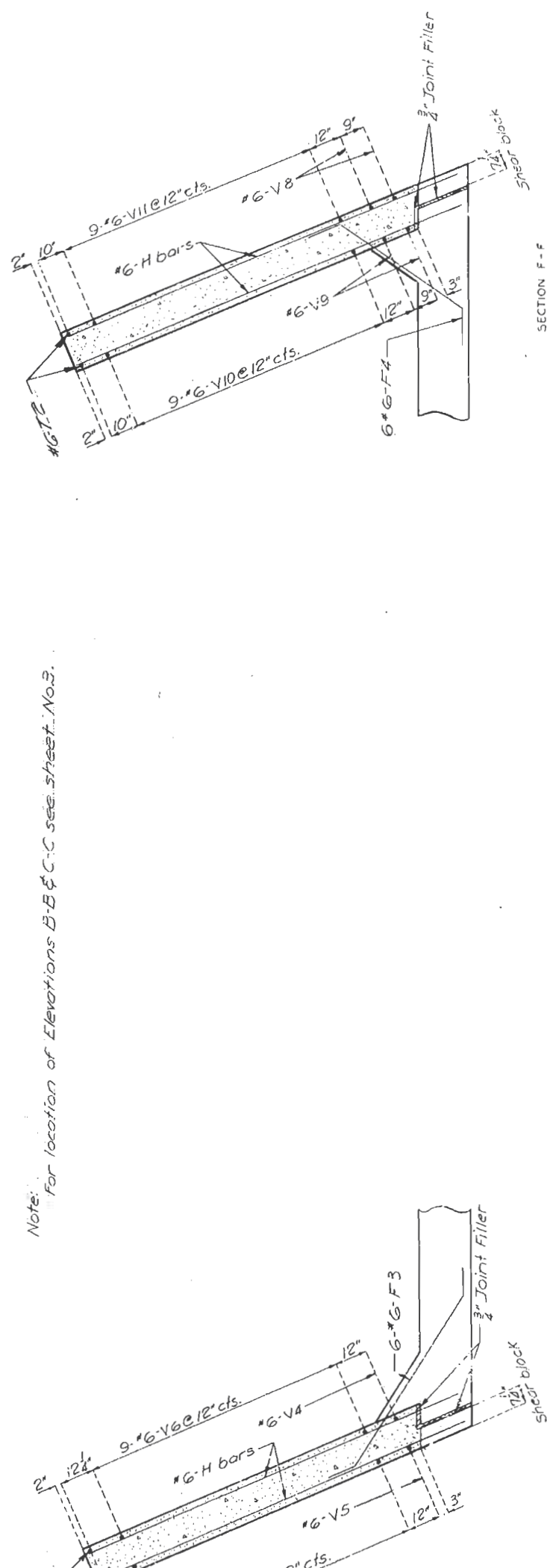


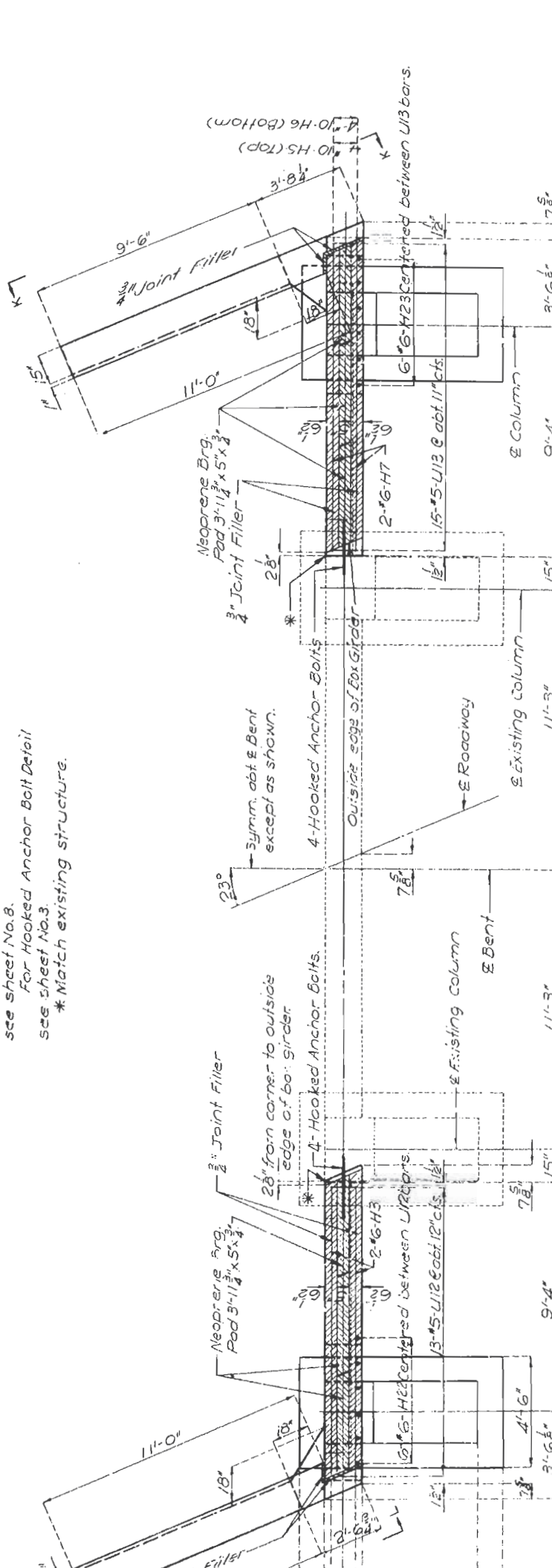
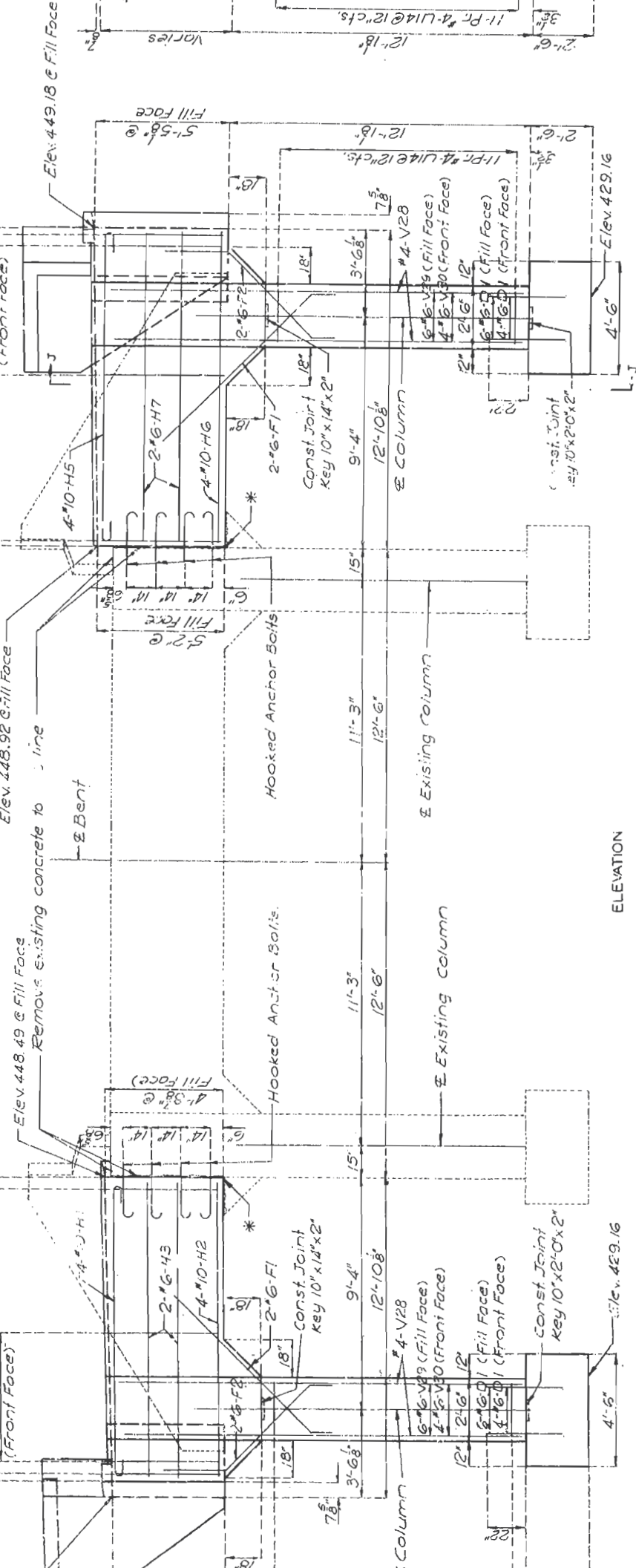
Note: For details of Elev. B-B and C-C see sheet No. 4.

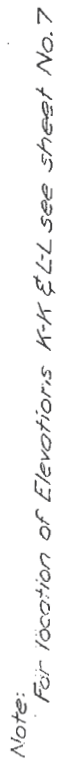
* Match existing structure.

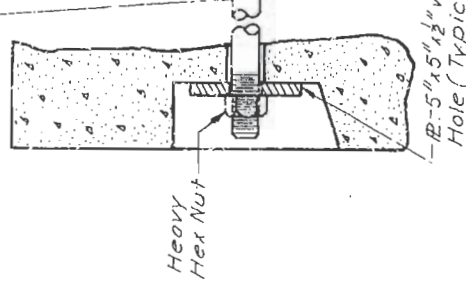
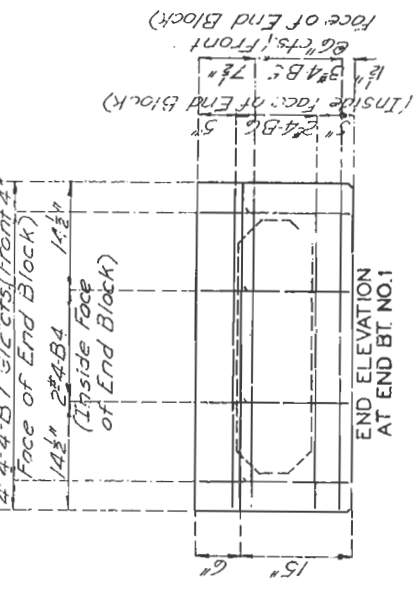


Note: For location of Elevations B-B & C-C see sheet No. 3.

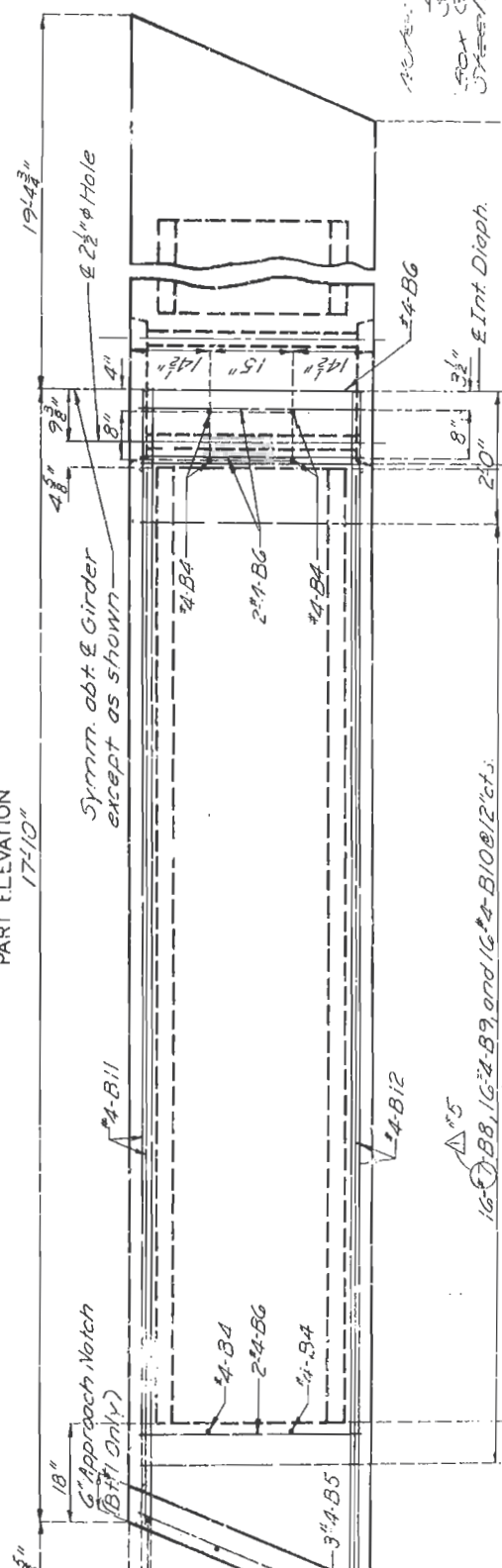
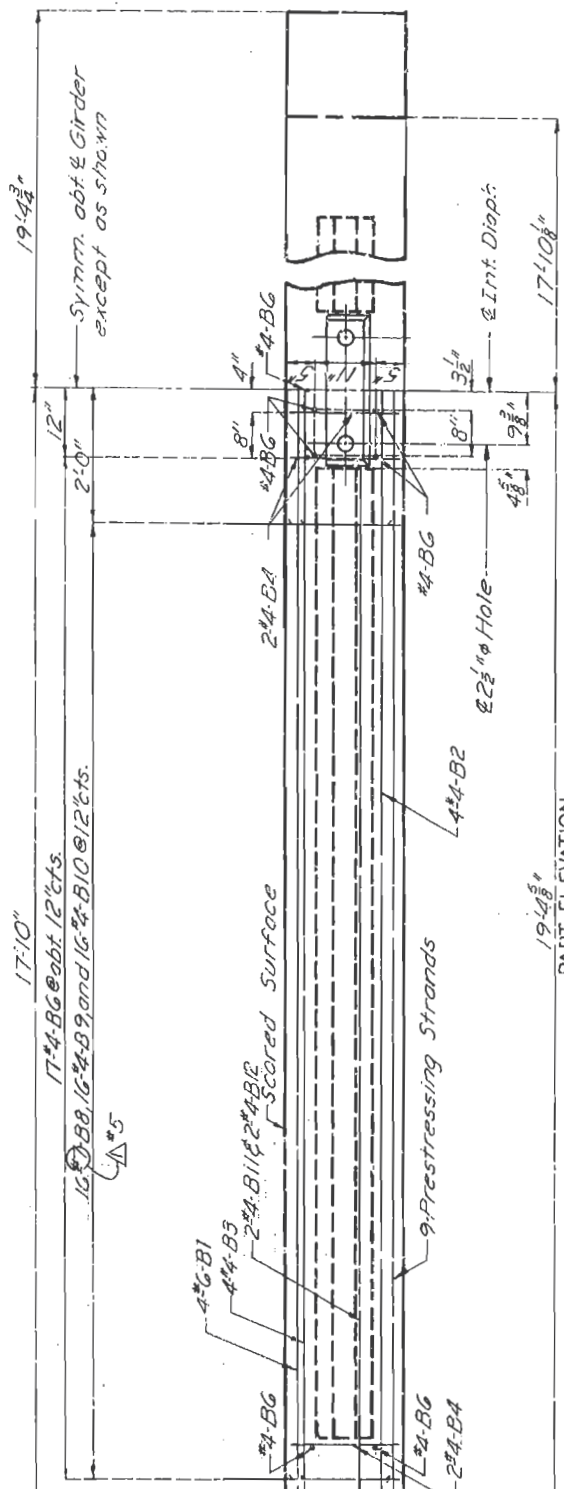


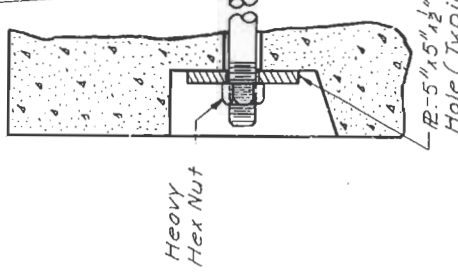
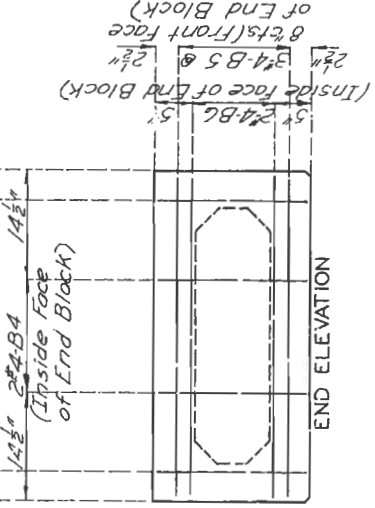
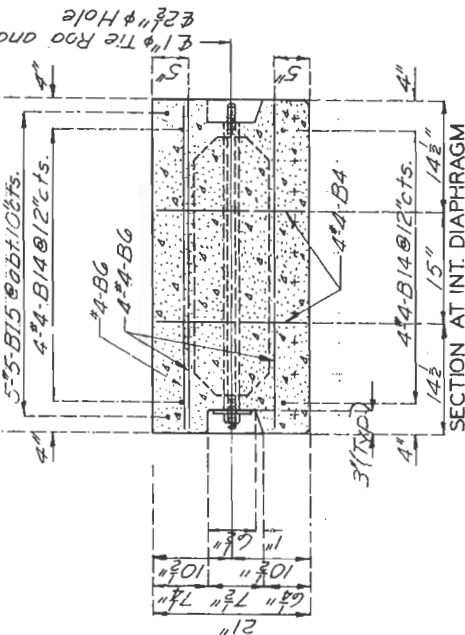
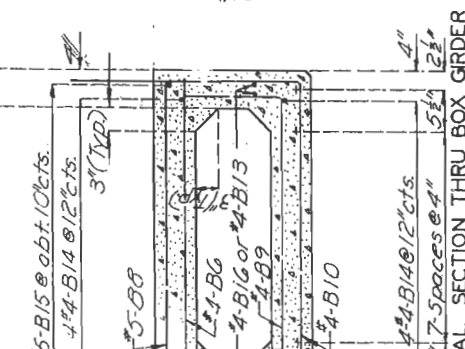




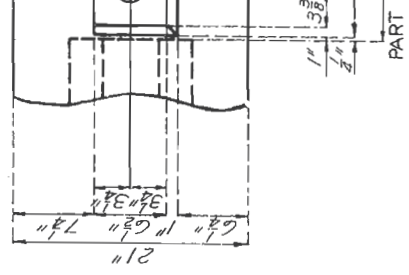
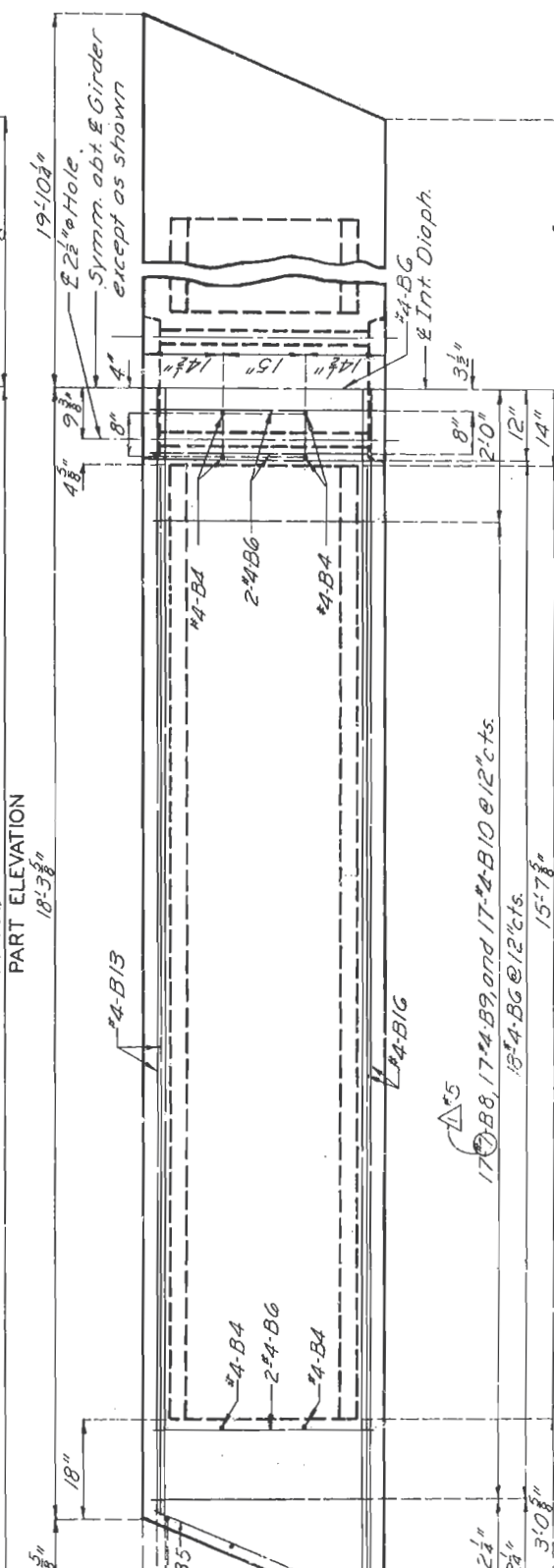
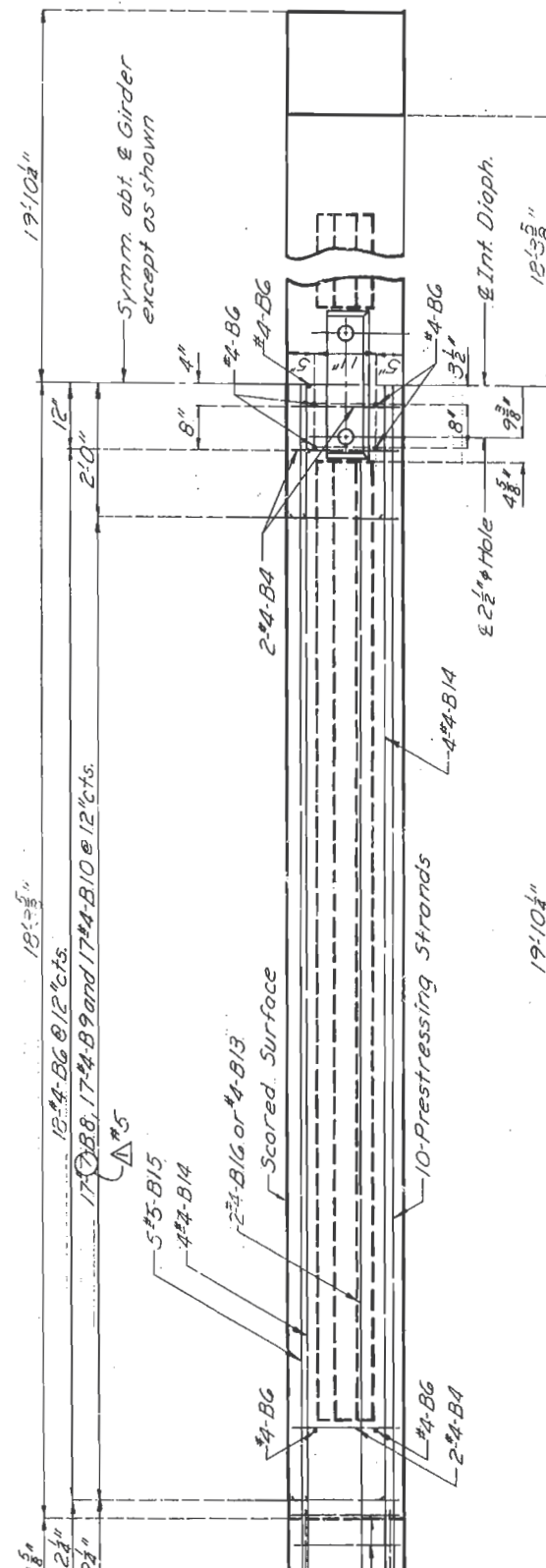


*Note: Cost of
is included in
1" Tie rods
Plates 5"
1" Tie rods
galvanized.*

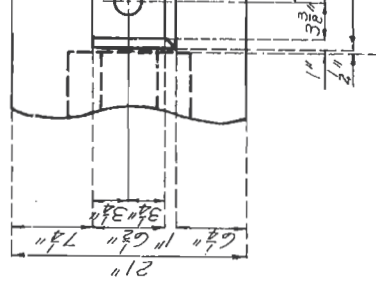
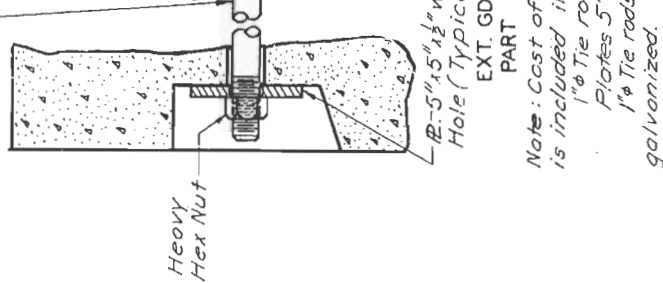
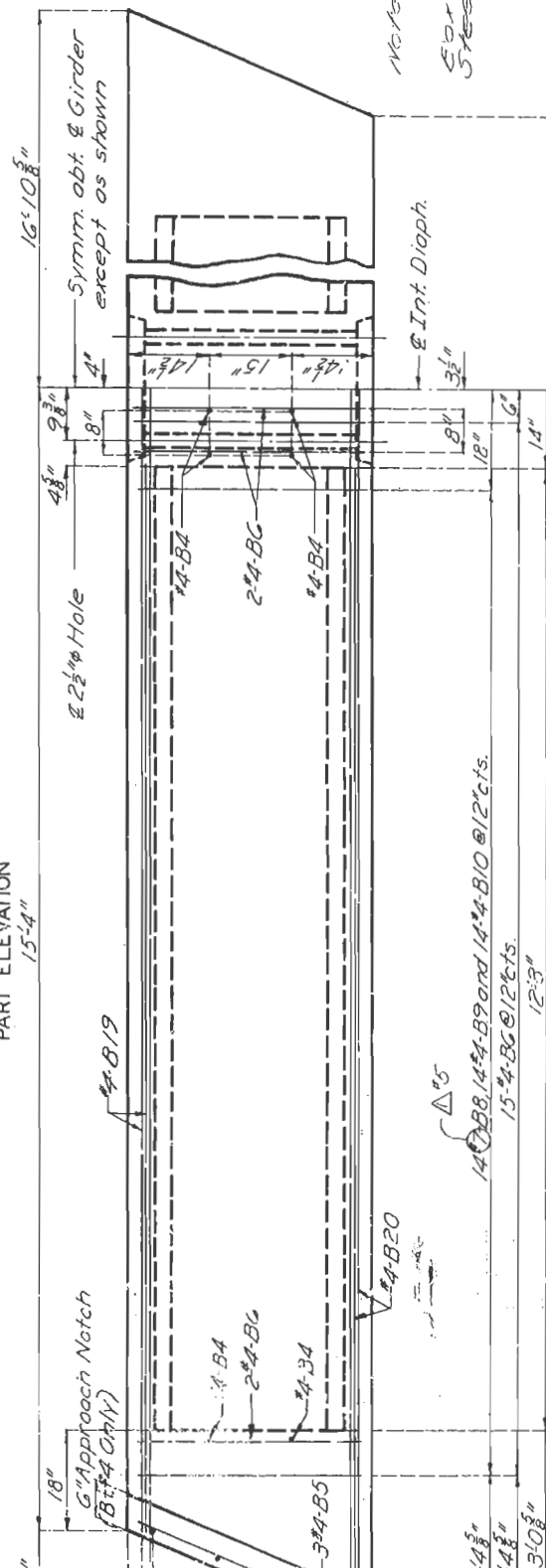
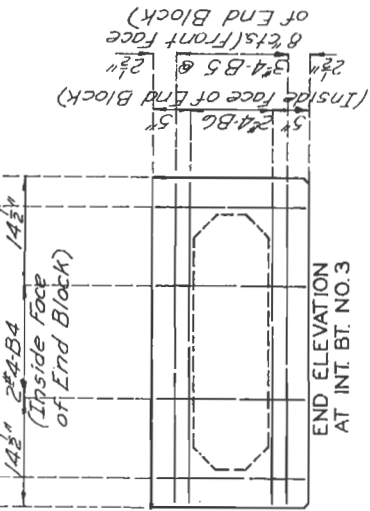
[illegible]



EXT. G PART
Note: Cost of 1" tie rods is included
Plates 5' x 1" tie rods
1" tie rods
galvanized.
Interm.
grade.
See 5' Notes on
Girders
Reinfor



EXT. G PART
Note: Cost of 1" tie rods is included
Plates 5' x 1" tie rods
1" tie rods
galvanized.
Interm.
grade.
See 5' Notes on
Girders
Reinfor



INTERVIEWER: Did you know
 Joe Shaver No. 13 for George
 Fox student and for Connelley
 Steel?

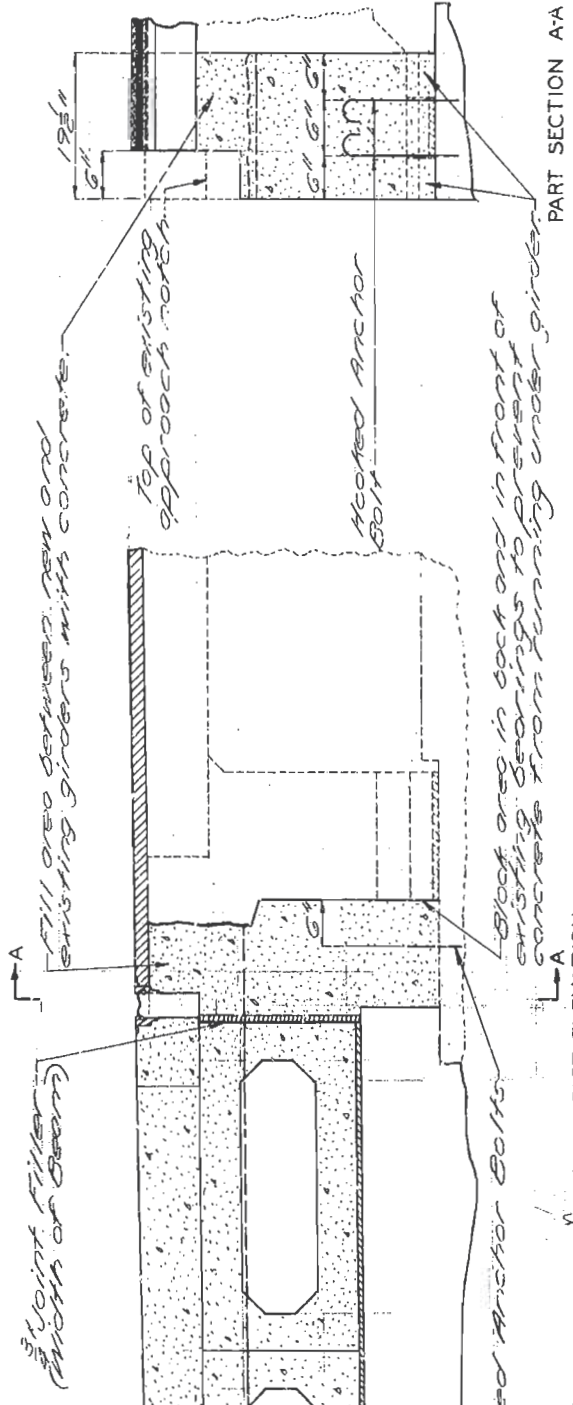
STRAND DETAILS AT

END BENTS



1" Joint Filler (Width of Beam)

Fill area between new and existing girders with concrete.

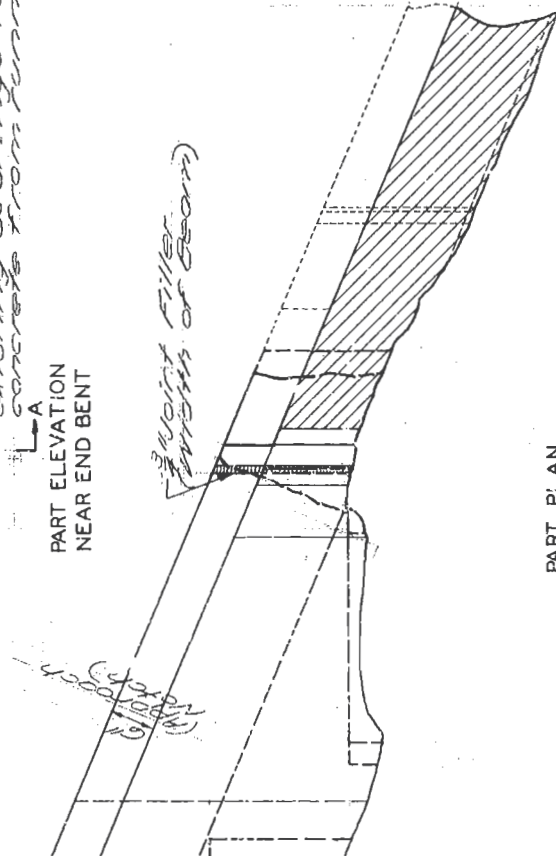


Block area in back and in front of existing bearings to prevent concrete from pumping under girder.

PART ELEVATION NEAR END BENT

PART SECTION A-A

Joint Filler (Width of Beam)



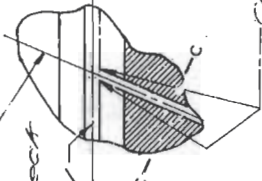
PART PLAN NEAR END BENT

2" Jt. Filler at End Bts. E & F

New Deck

Strip Steel

Existing Deck



DETAIL "B"

Strip Steel

DETAIL "B"

Note: For details of barrier curb and longitudinal dimensions, see details to grade. For detail of hooked bolts, see location of detail 'B'.

130'10 1/2"

11'-2 3/8"

29'6 3/8"

8'-0"

22'-9 1/2"

8'-0"

8'-0"

24'-0 3/8"

2" Jt. Filler

2-#5-R25

#5-R25

2-#5-R26

#5-R26

2-#5-R27

#5-R27

2-#5-R26

#5-R26

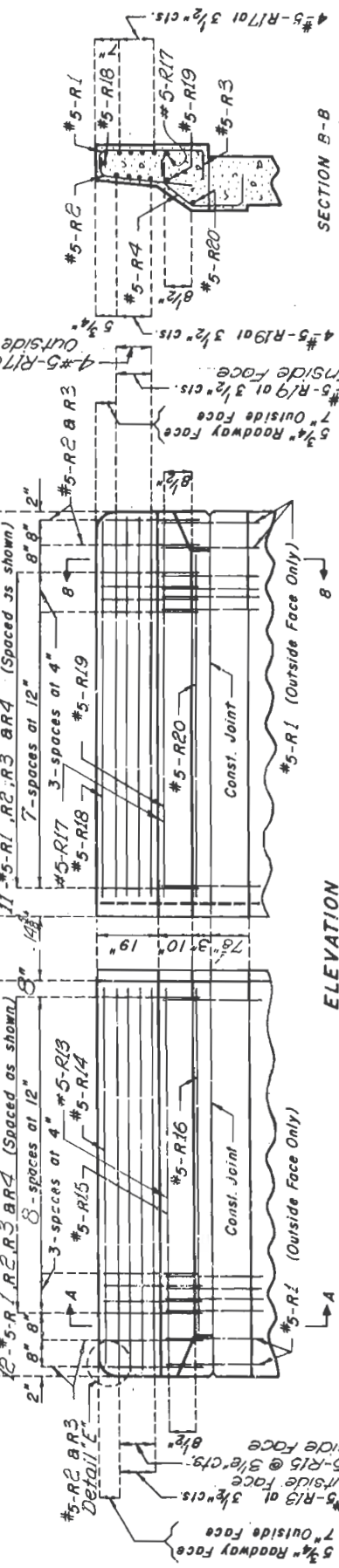
2-#5-R28

#5-R28

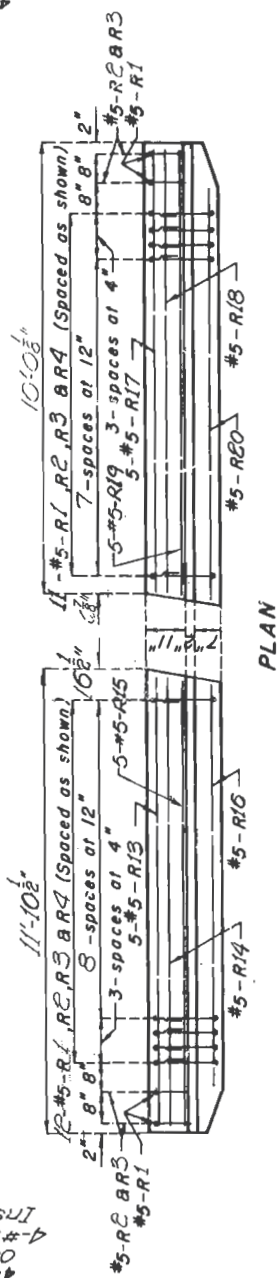
2" Jt. Filler

109-#5-R21, R22, R23 and R24 @ 18" cts.

NOTES:
TOP OF BARRIER CURB
JOINTS NORMAL TO GRADING
ALL EXPOSED EDGES
UNLESS OTHERWISE NOTED.
For details see Sht. No. 1
Longitudinal barrier curb

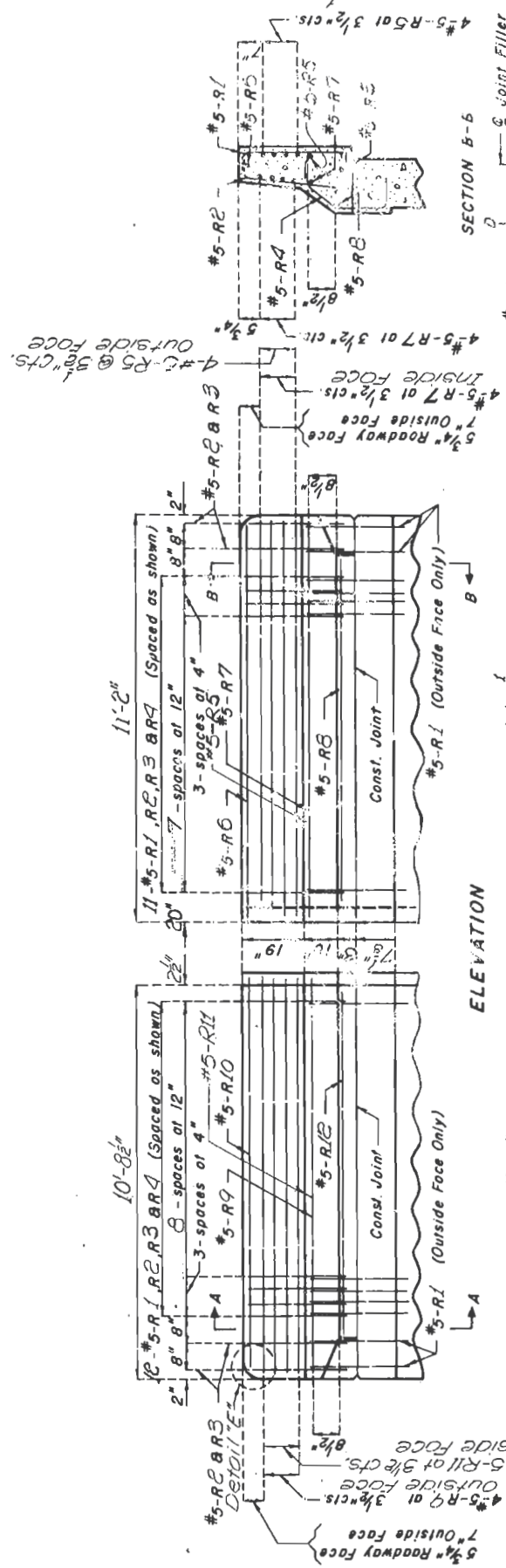


ELEVATION

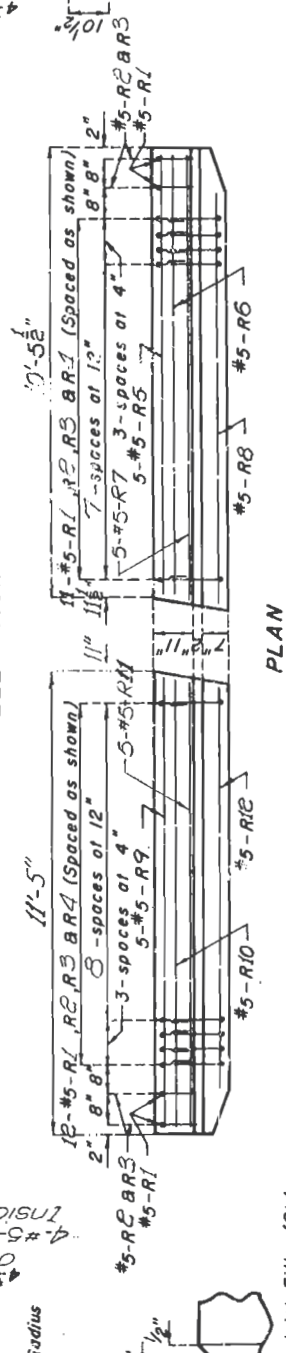


PLAN

END BENT NO. 1
DETAILS OF LEFT BARRIER CURB AT END BENTS
END BENT NO. 4

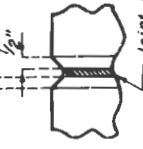


ELEVATION



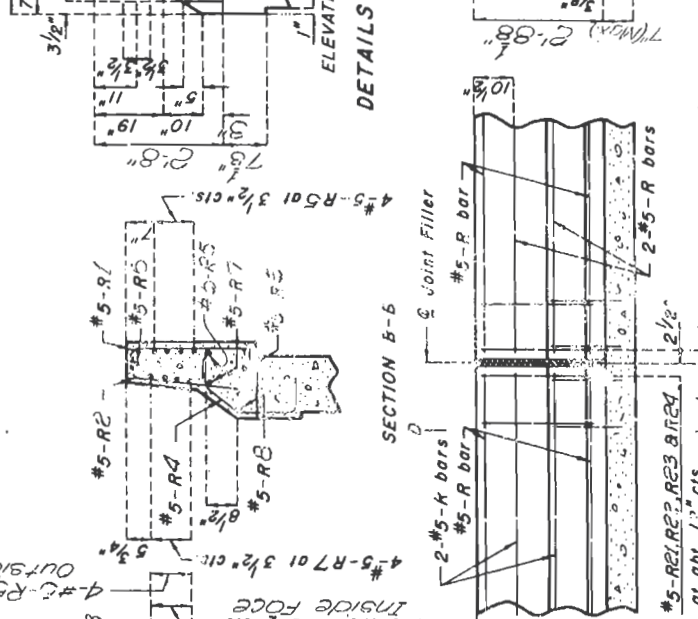
PIAN

DETAIL "E"
(Typical) $\frac{1}{2}$ "



Page 10 of 13

DETAILS



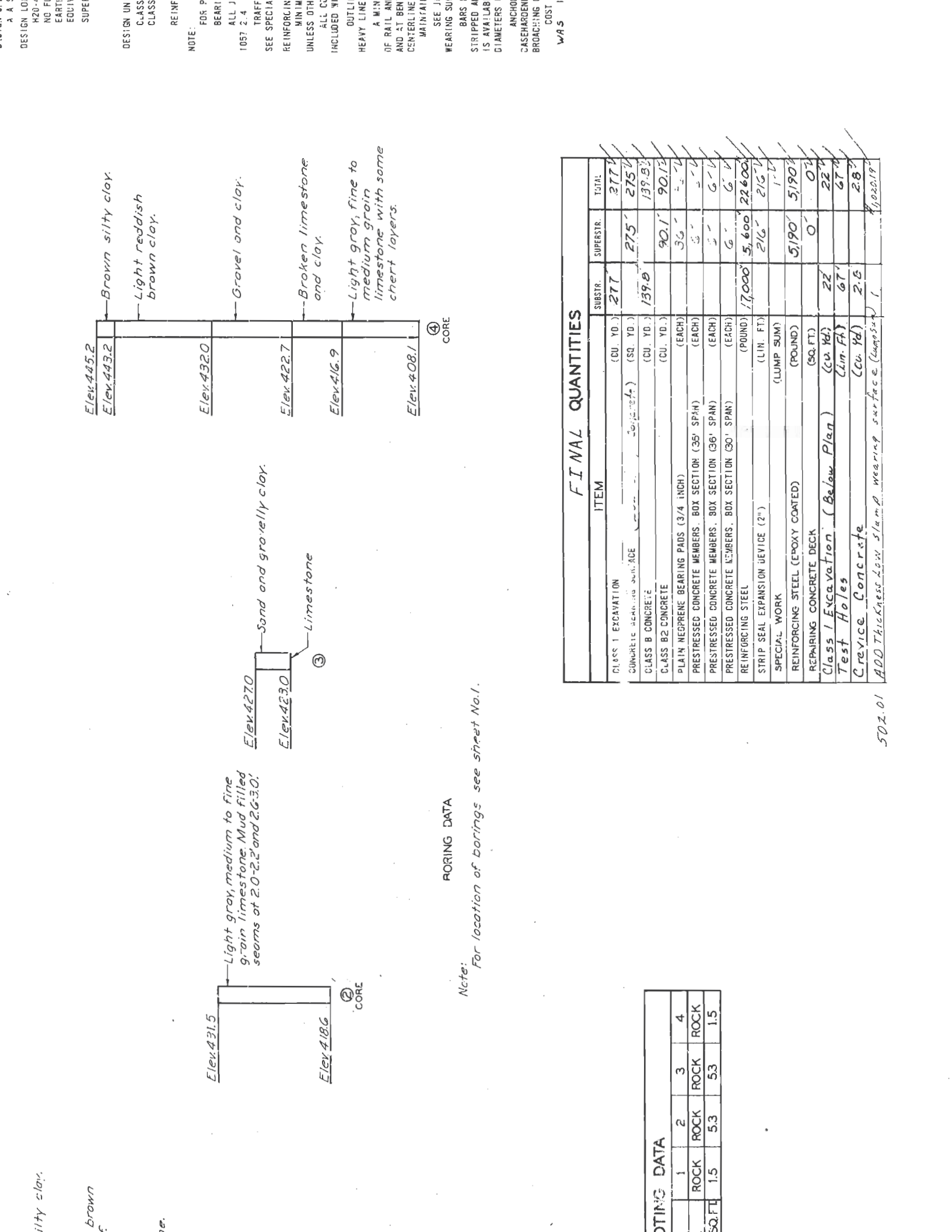
SECTION B-B

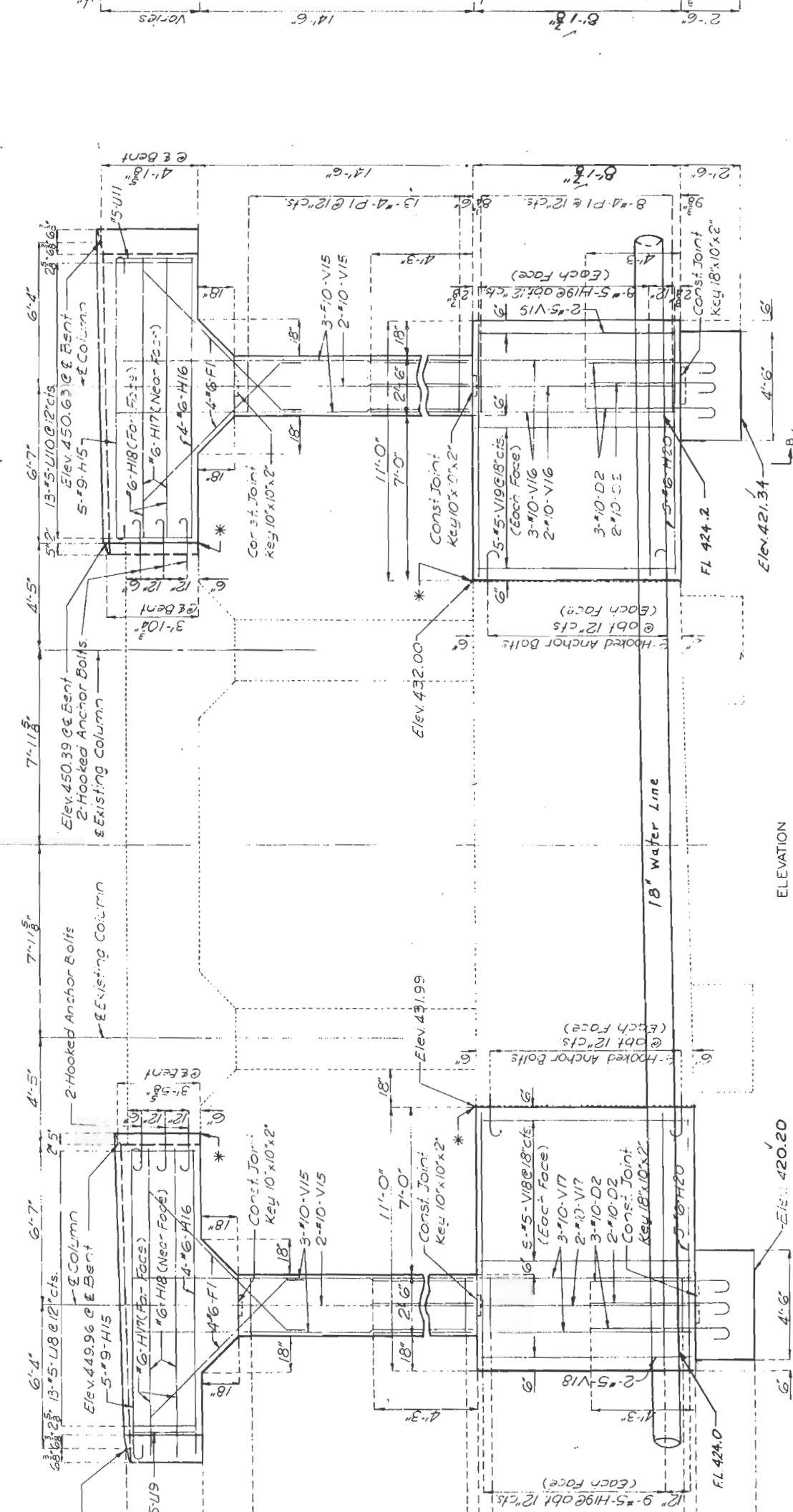
#- 001 403 003 000 20 2/1

[illegible]

PROJECT NO. GP.

Note:





ELEVATION

Note: * Match existing structure.
For Hooked Anchor Bolt Detail see sheet No. 2.

