

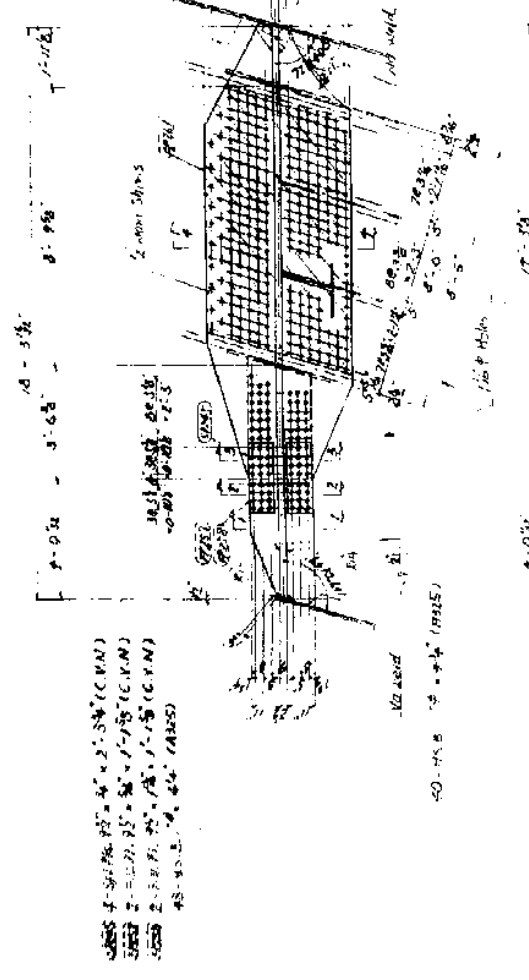
1. 1947-1948
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 3. 1951-1952
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 31. 2007-2008
 32. 2009-2010
 33. 2011-2012
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 35. 2015-2016
 36. 2017-2018
 37. 2019-2020
 38. 2021-2022
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 77. 2099-2100
 78. 2101-2102
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 80. 2105-2106
 81. 2107-2108
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 130. 2205-2206
 131. 2207-2208
 132. 2209-2210
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 137. 2219-2220
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 149. 2243-2244
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 167. 2279-2280
 168. 2281-2282
 169. 2283-2284
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 173. 2291-2292
 174. 2293-2294
 175. 2295-2296

MARKING DIAGRAM

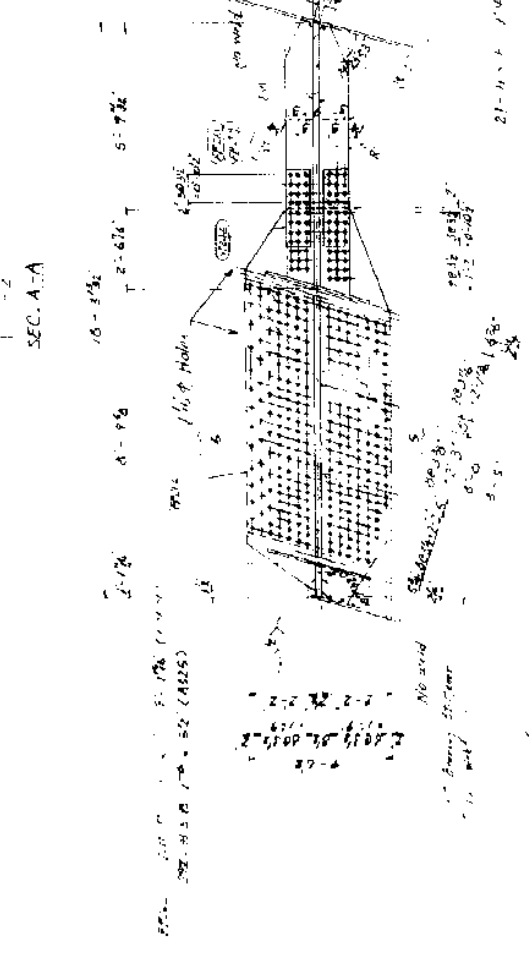
SHOP DRAWINGS

BOX GIRDER WEB B40.BB8 (23)

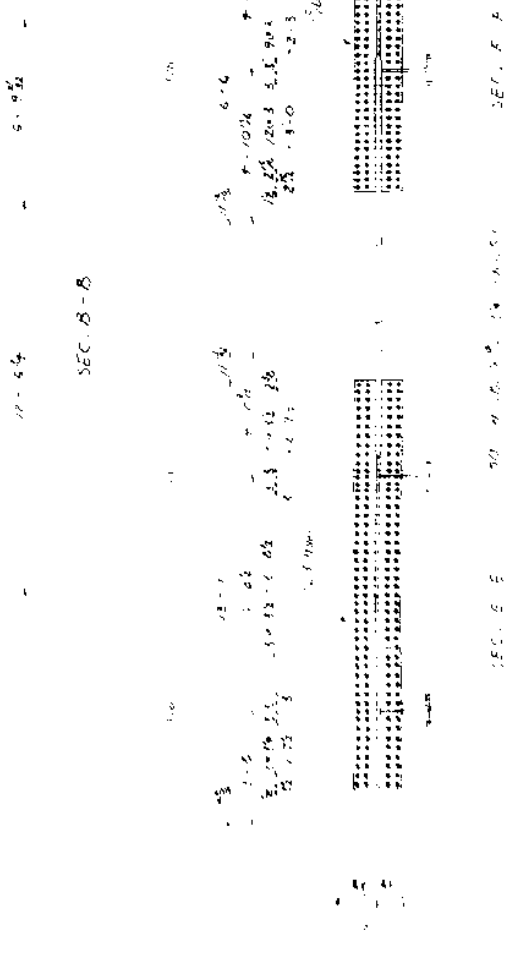
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 (4) 2" Min. Spacing (Provide 2" Min. Spacing)
 (5) 2" Min. Spacing (Provide 2" Min. Spacing)



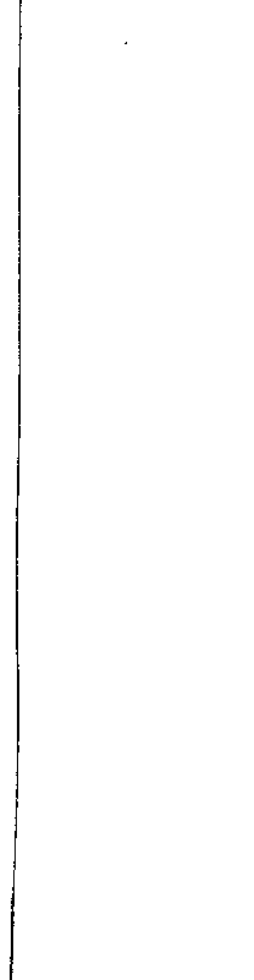
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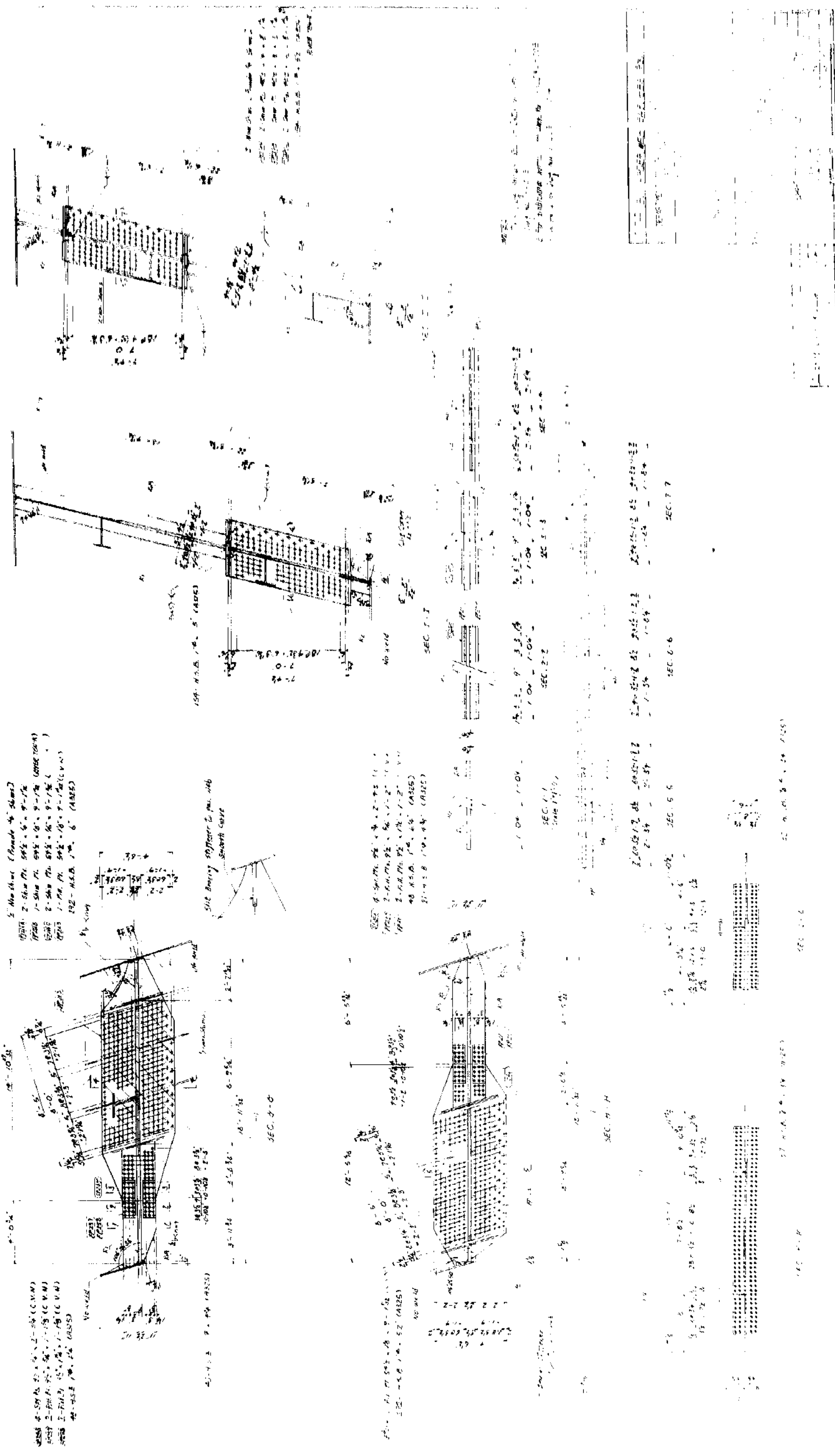
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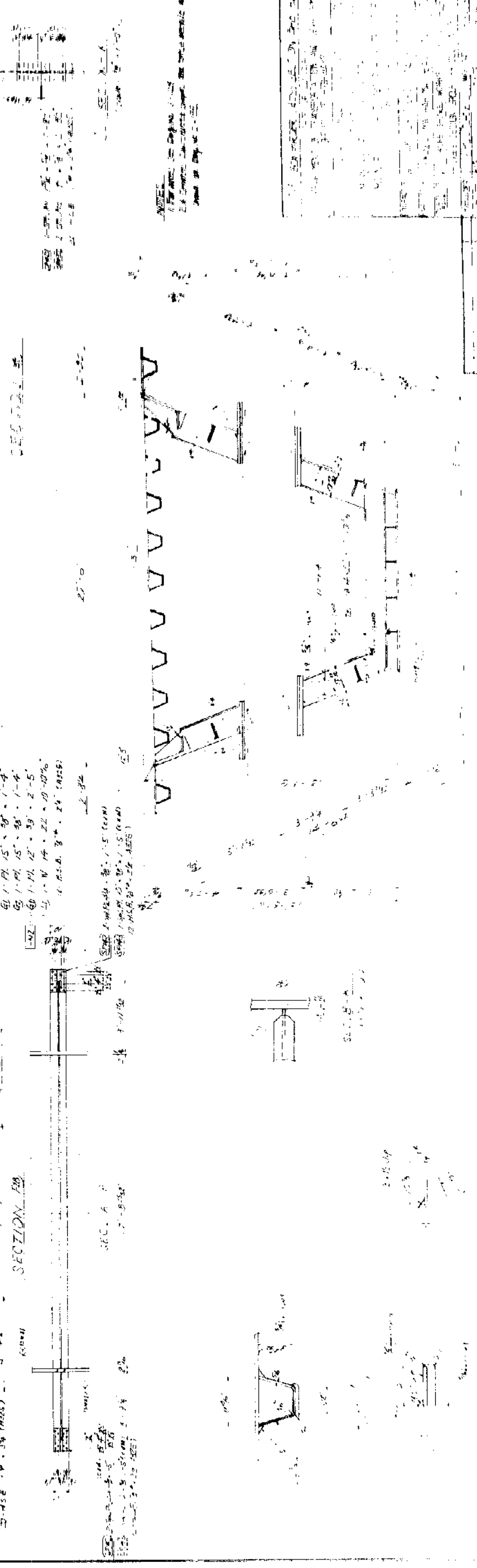
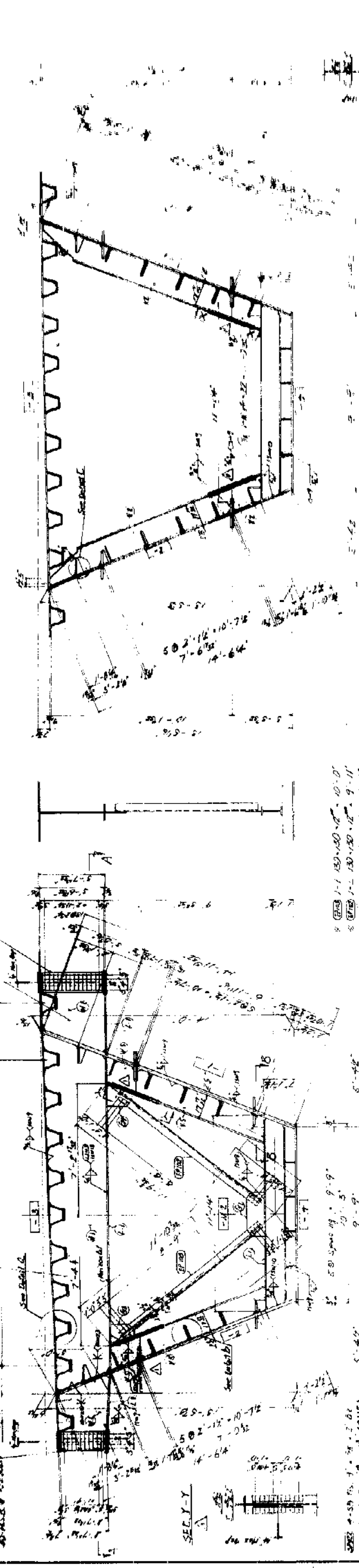


BOX GIRDER W/FR. 840, 888 (3/2)



Rail Girder Cross Section BAA (B2)

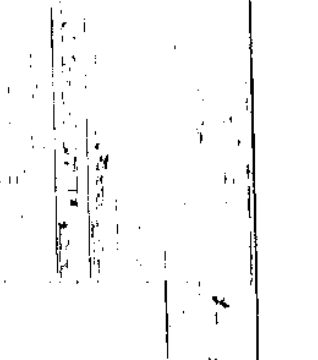
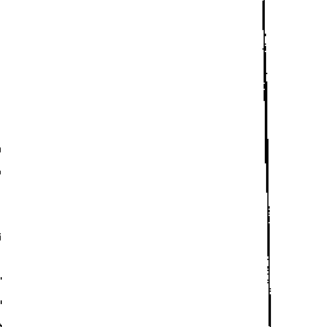
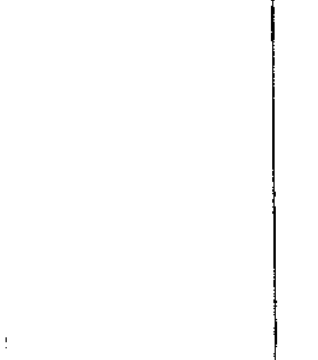
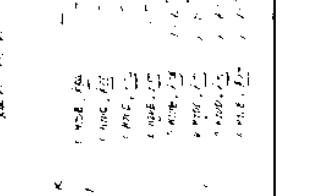
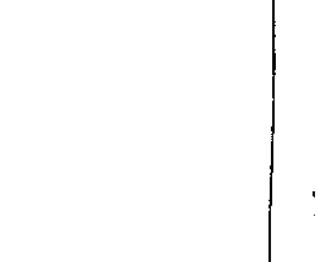
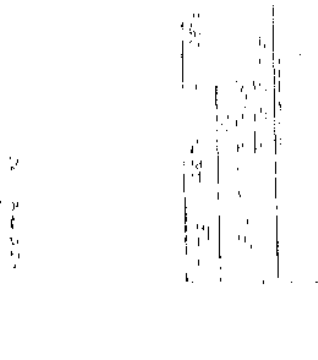
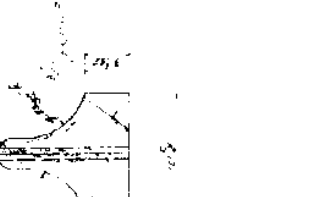
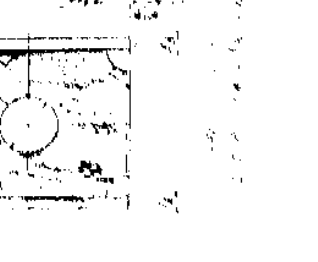
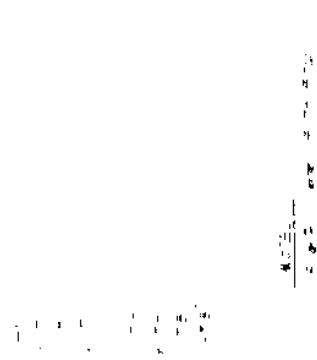
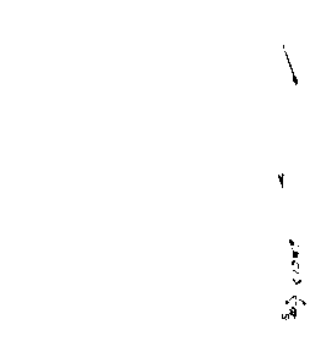
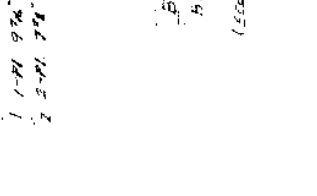
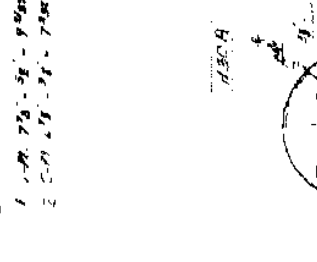
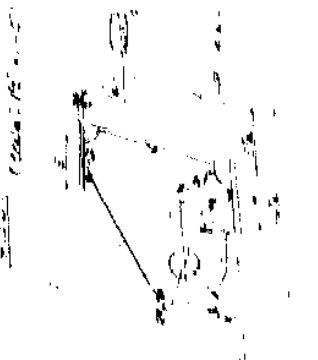
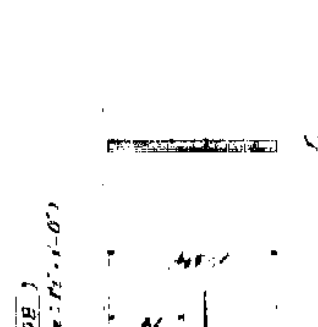
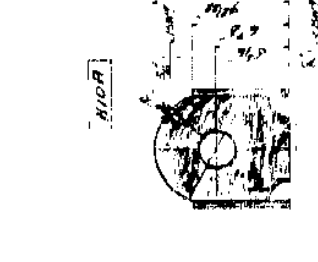
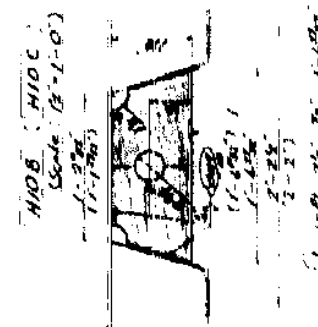
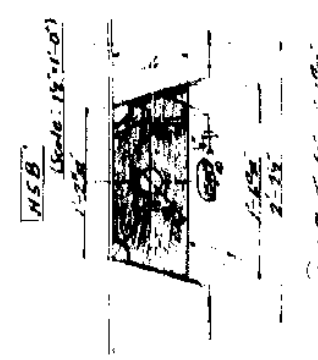
- BABA** --- **220**
BABA --- **220**
BABA --- **220**
① 1-1/2" x 1/4" x 10' - 0" (10' - 0")
② 1-1/2" x 1/4" x 10' - 0" (10' - 0")
③ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
④ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
⑤ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
⑥ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
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㊽ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
㊾ 1-1/2" x 1/4" x 10' - 0" (10' - 0")
㊿ 1-1/2" x 1/4" x 10' - 0" (10' - 0")



SECTION	DESCRIPTION	QUANTITY	UNIT
SECTION A	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION B	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION C	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION D	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION E	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION F	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION G	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION H	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION I	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION J	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION K	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION L	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION M	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION N	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION O	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION P	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION Q	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION R	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION S	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION T	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION U	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION V	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION W	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION X	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION Y	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA
SECTION Z	RAIL GIRDER CROSS SECTION BAA (B2)	1	EA

Δ DETAILS OF RADEYES FOR BN+2CE

(Scale: 2"=1'-0")

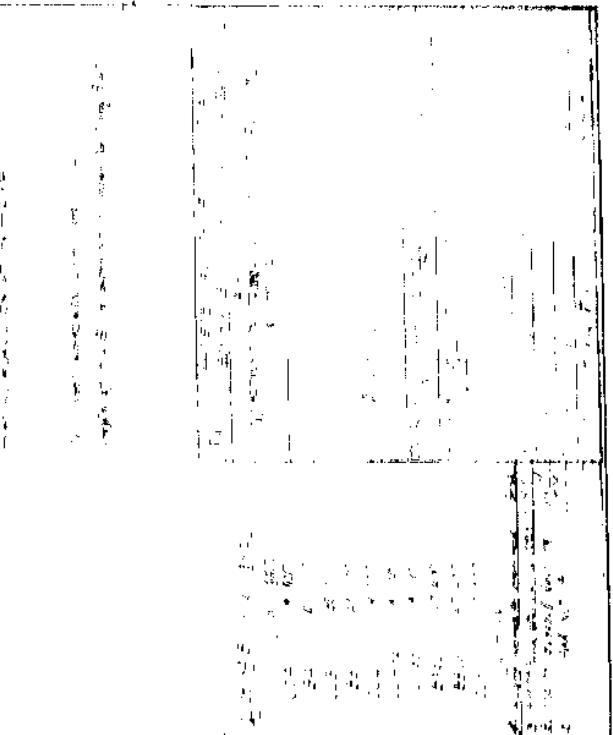
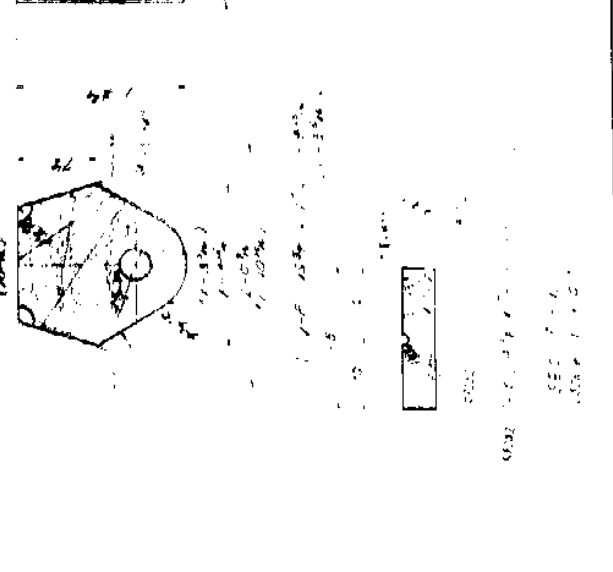
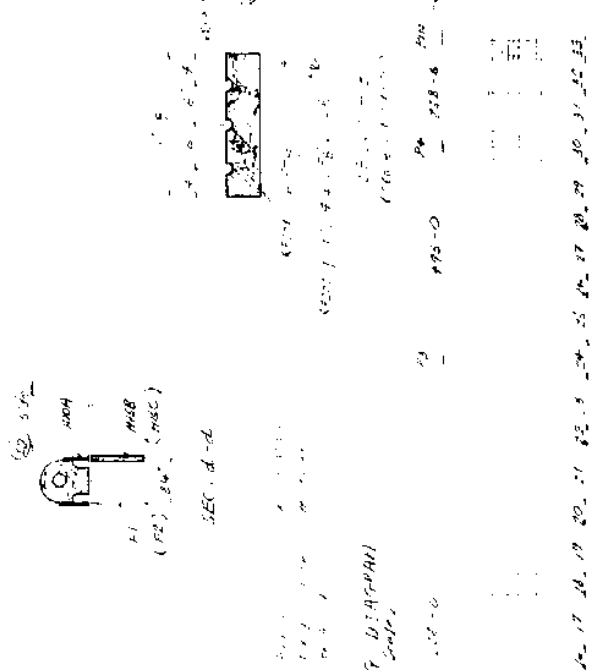
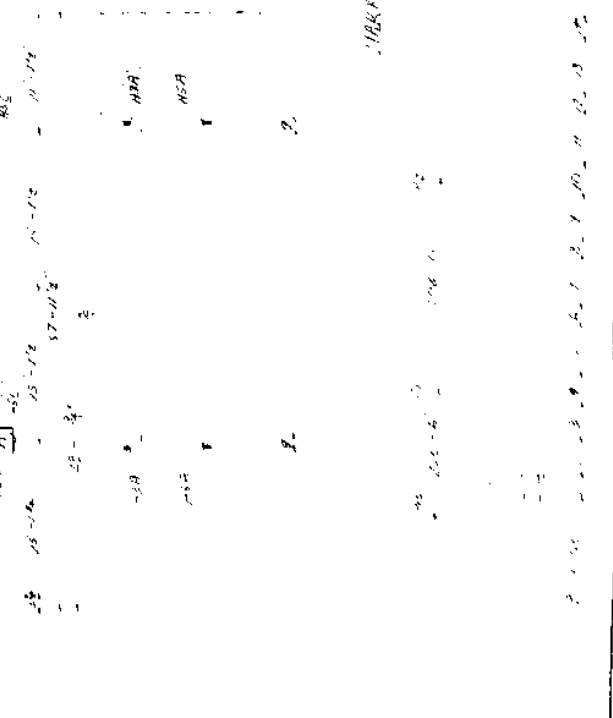
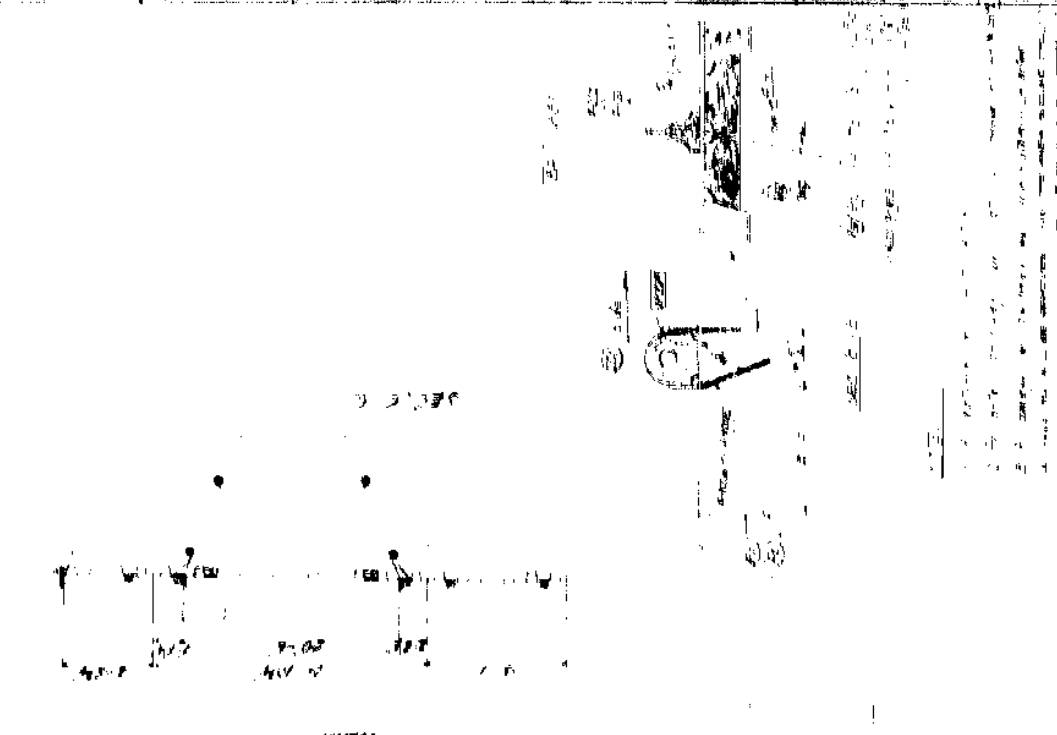
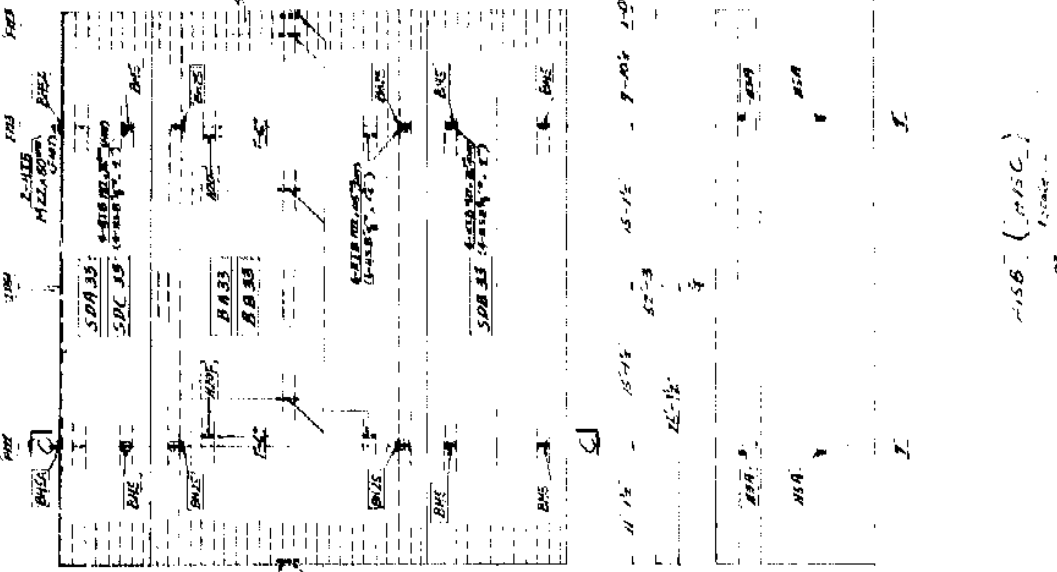
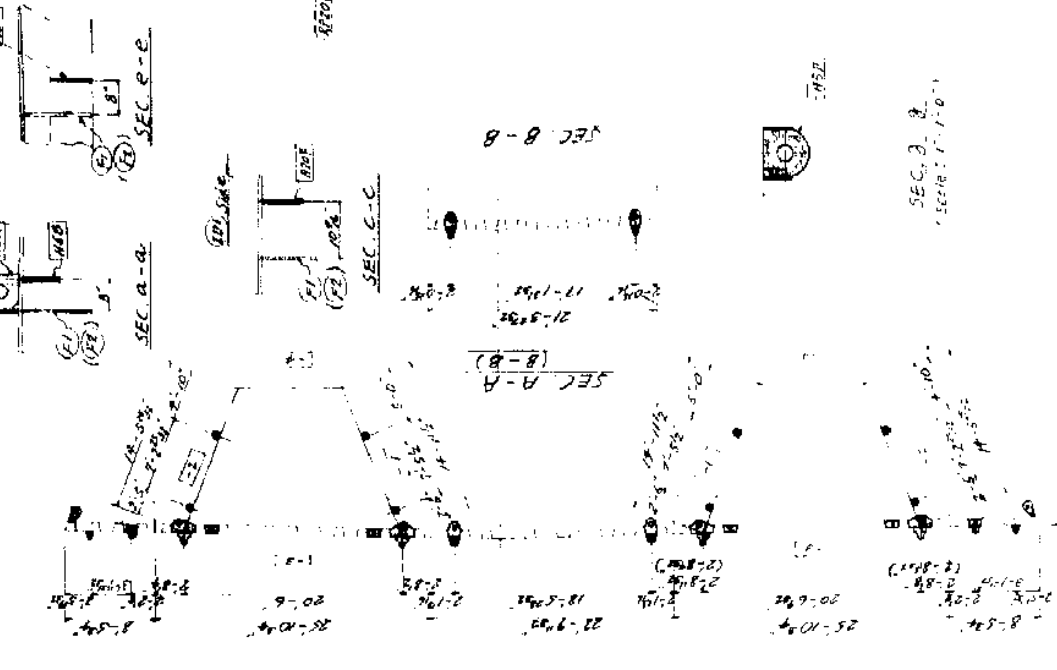
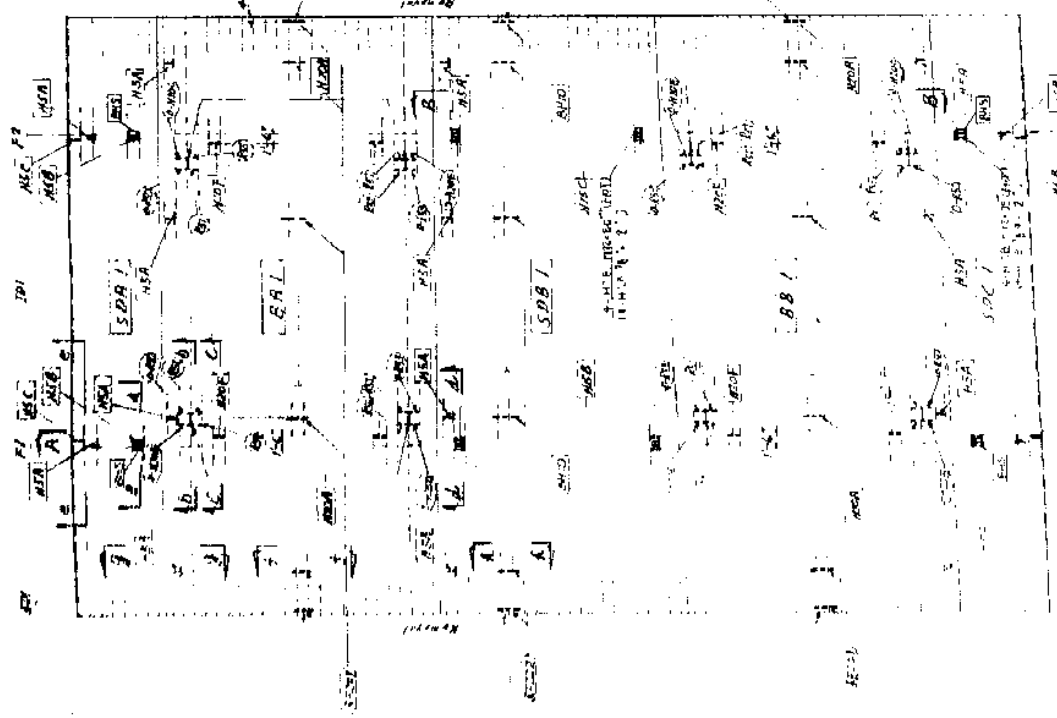


△△ PADEYES AND REINFORCEMENT FOR BOX GIRDER (BLOCK NO.1 AND NO.33)

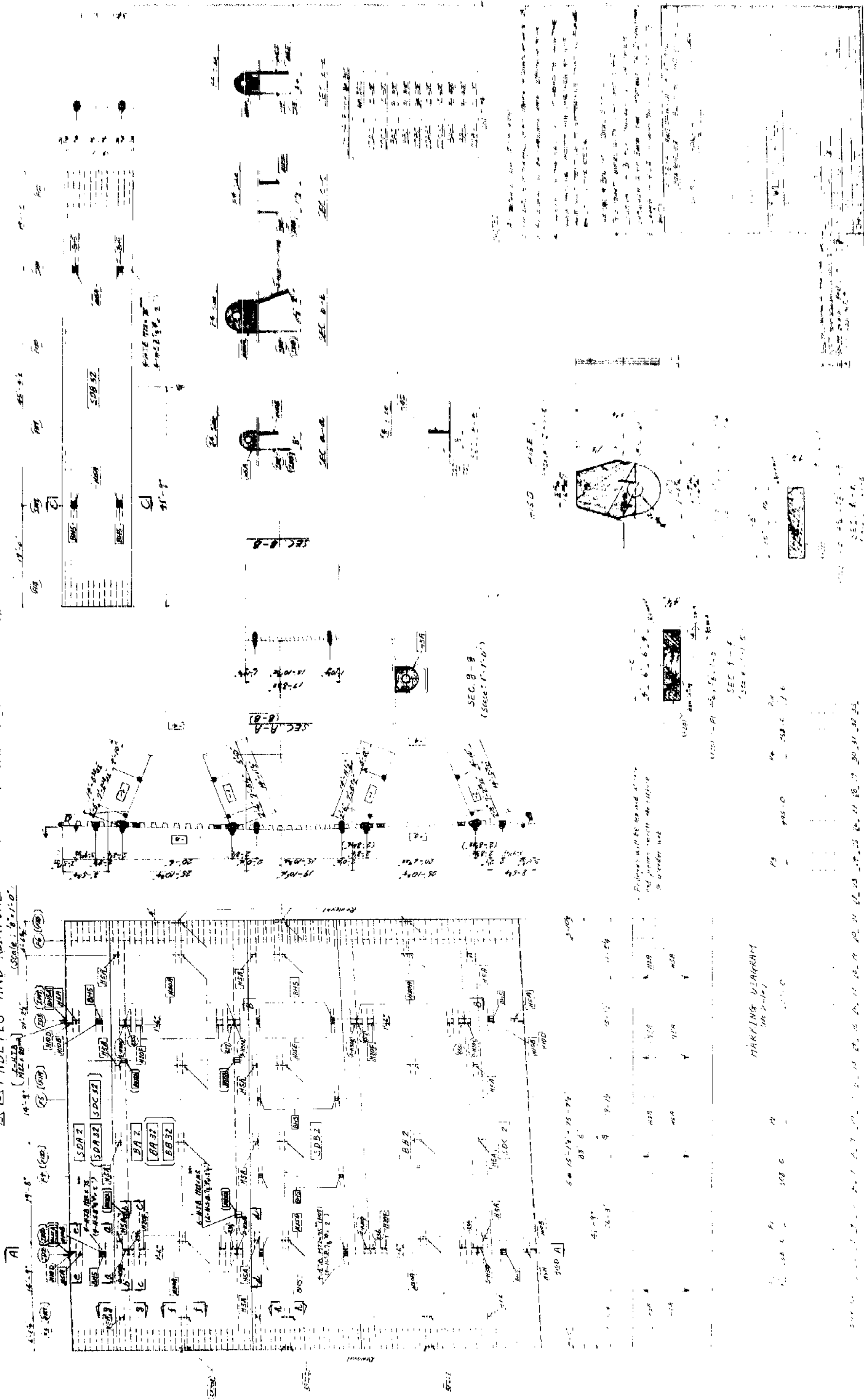
(SCALE: 1/8"=1'-0")

14'-3" 15'-3" 15'-9" 5'-4 1/2"

16'-5" 18'-8" 14'-7" 1'-5"

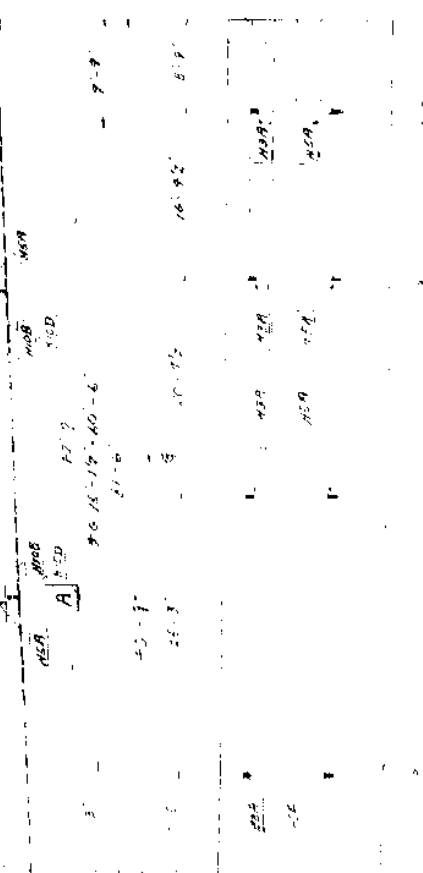
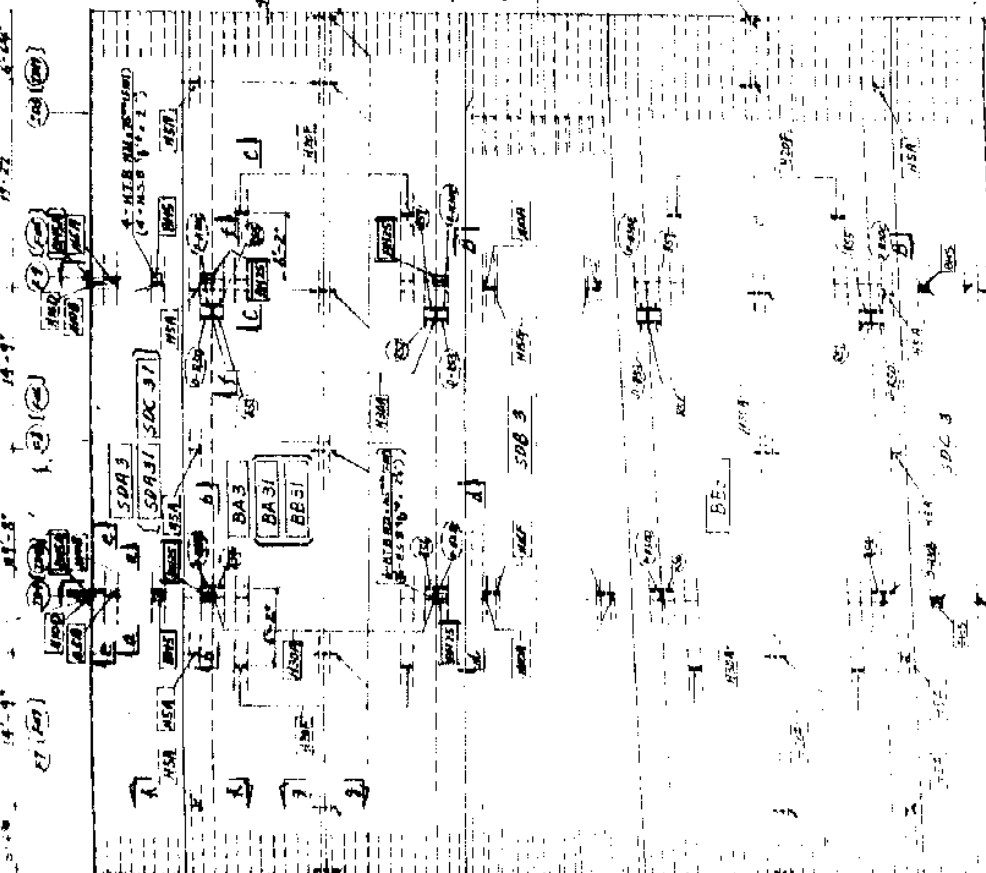


⑤ ② PADEYES AND REINFORCE



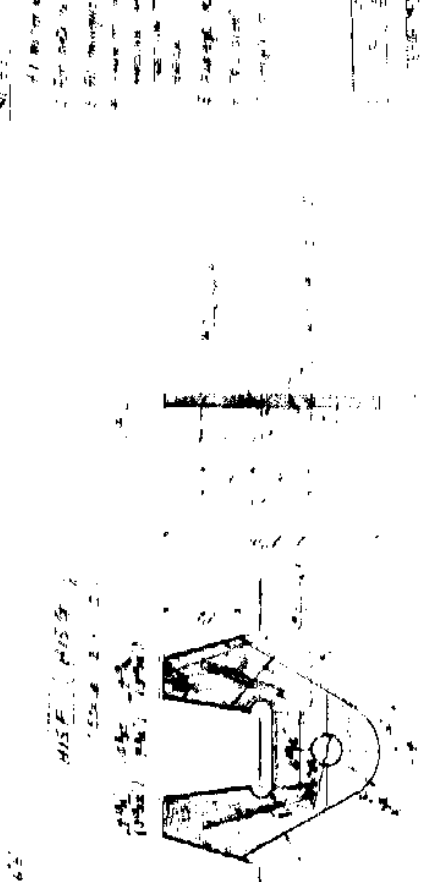
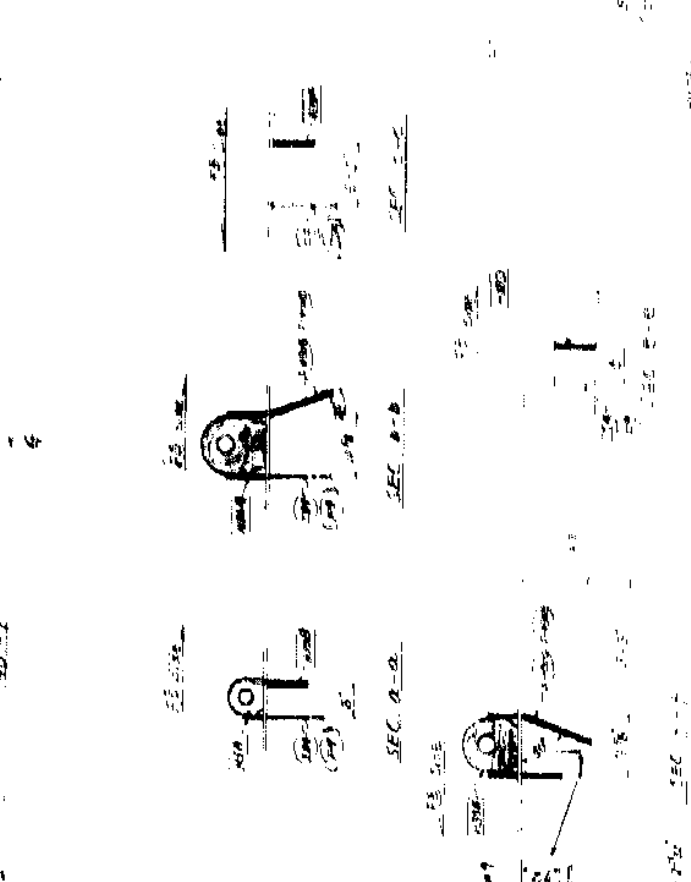
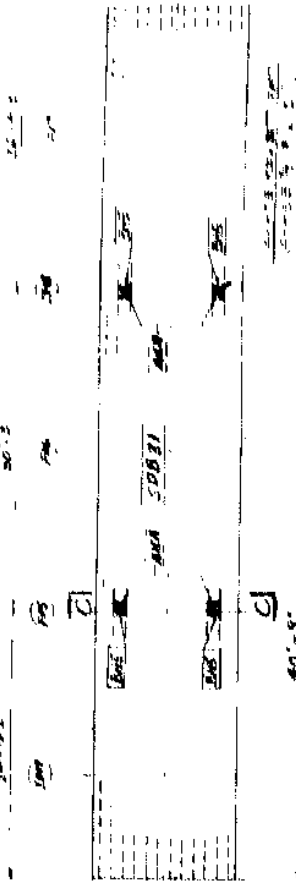
△△△ PADEYES AND REINFORCEMET FOR BOX GIRDER (BLOCK NO. 3 AND NO. 31)

Scale: 1" = 10'-0"



MARKING DIAGRAM (No Scale)

MARKING	NO. OF MARKS	MARKING	NO. OF MARKS
SDA3	1	SDC31	1
SDA31	1	SDC3	1
SDC31	1	SDB3	1
SDC3	1	SDB31	1
SDB3	1	SDC31	1
SDB31	1	SDC3	1
SDC31	1	SDB3	1
SDC3	1	SDB31	1
SDB3	1	SDC31	1
SDB31	1	SDC3	1

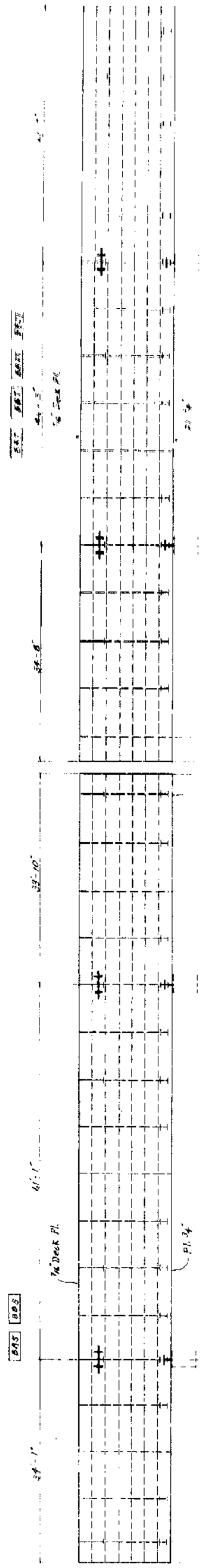
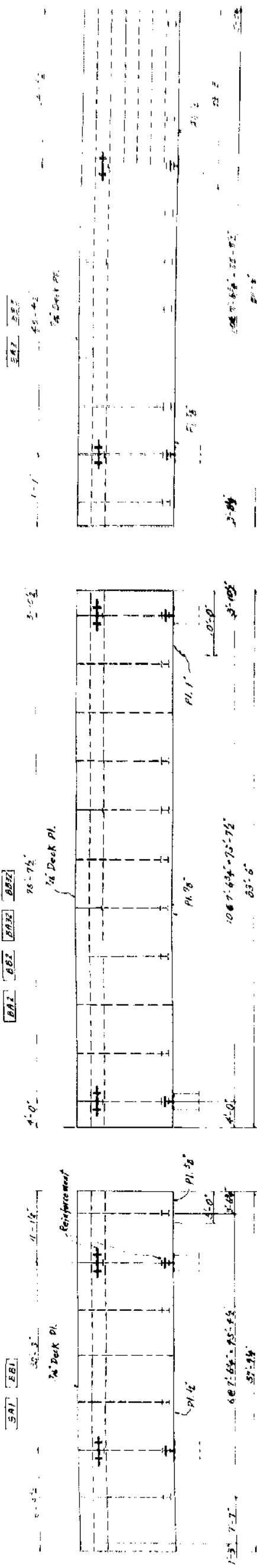


MARKING DIAGRAM (No Scale)

MARKING	NO. OF MARKS	MARKING	NO. OF MARKS
SDA3	1	SDC31	1
SDA31	1	SDC3	1
SDC31	1	SDB3	1
SDC3	1	SDB31	1
SDB3	1	SDC31	1
SDB31	1	SDC3	1
SDC31	1	SDB3	1
SDC3	1	SDB31	1
SDB3	1	SDC31	1
SDB31	1	SDC3	1

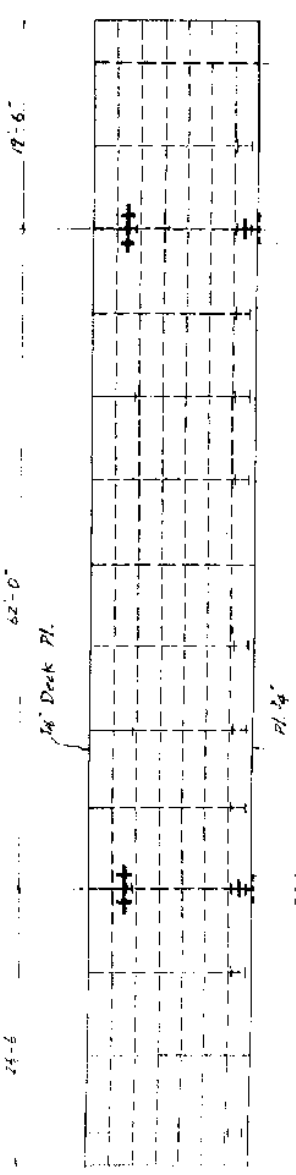
REINFORCEMENT FOR TURNING OVER THE BOX GIRDER (1/3)

(Scale: 1" = 1'-0")



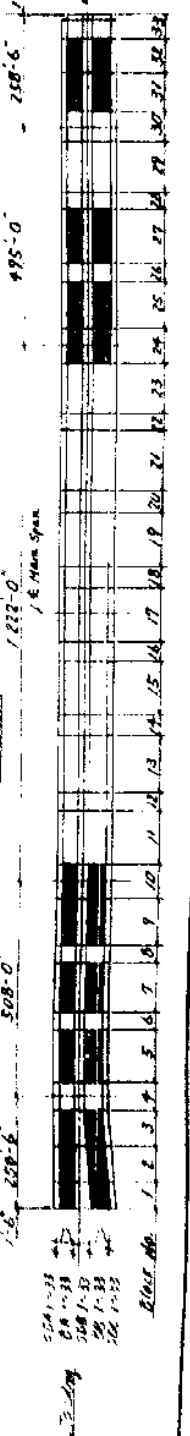
10 #7, 6 #4, 15 #7, 6 #4

BAR, BB, BB, BB



10 #7, 6 #4, 15 #7, 6 #4

BAR, BB, BB, BB



1. Reinforce by using 10 #7 and 6 #4 bars

2. Reinforce by using 10 #7 and 6 #4 bars

3. Reinforce by using 10 #7 and 6 #4 bars

REINFORCEMENT FOR TURNING OVER THE BOX GIRDER

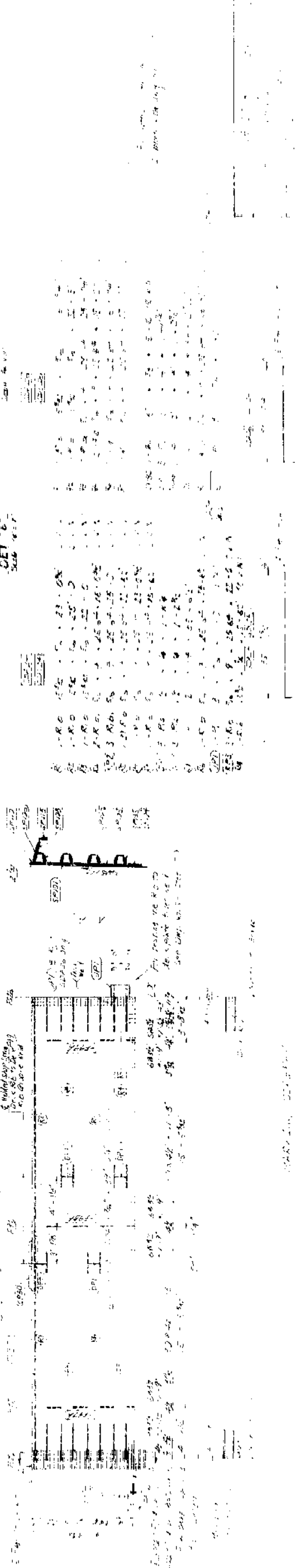
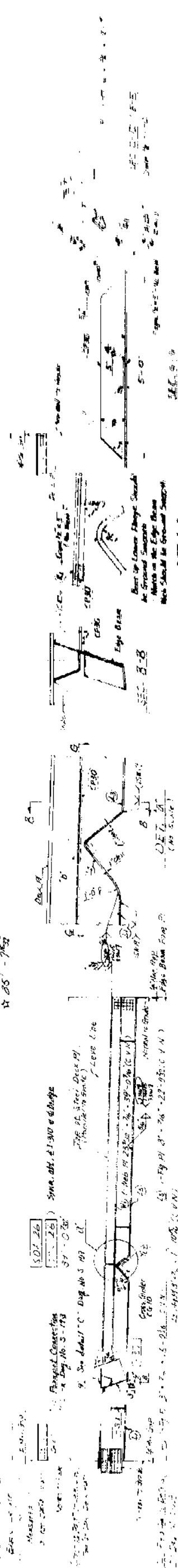
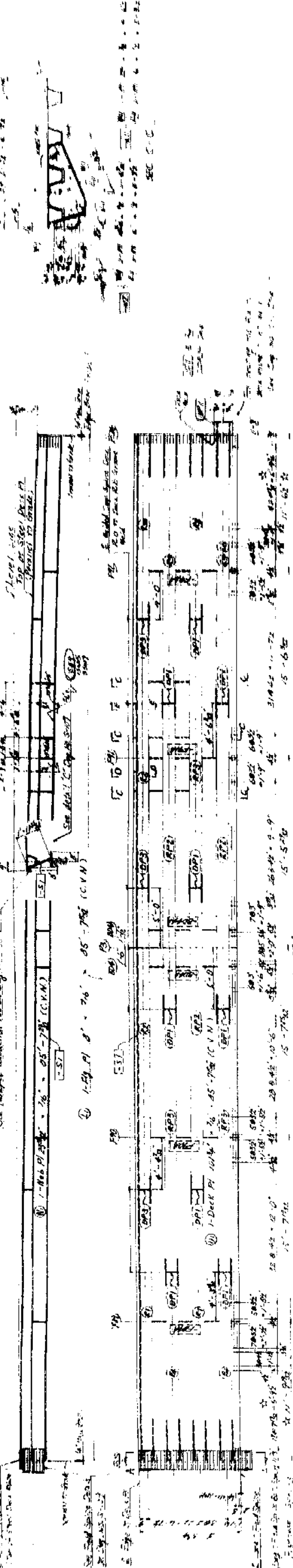
10 #7, 6 #4, 15 #7, 6 #4



SIDE DECK SDA24, SDC24
SCALE: 1/4" = 1'-0" SDA26, SDC26
SPAN: 61' 8.1" TO 61' 8.1"

SDA 24
SDC 24

See Pierhead Connection R/W on Draw No. S-173

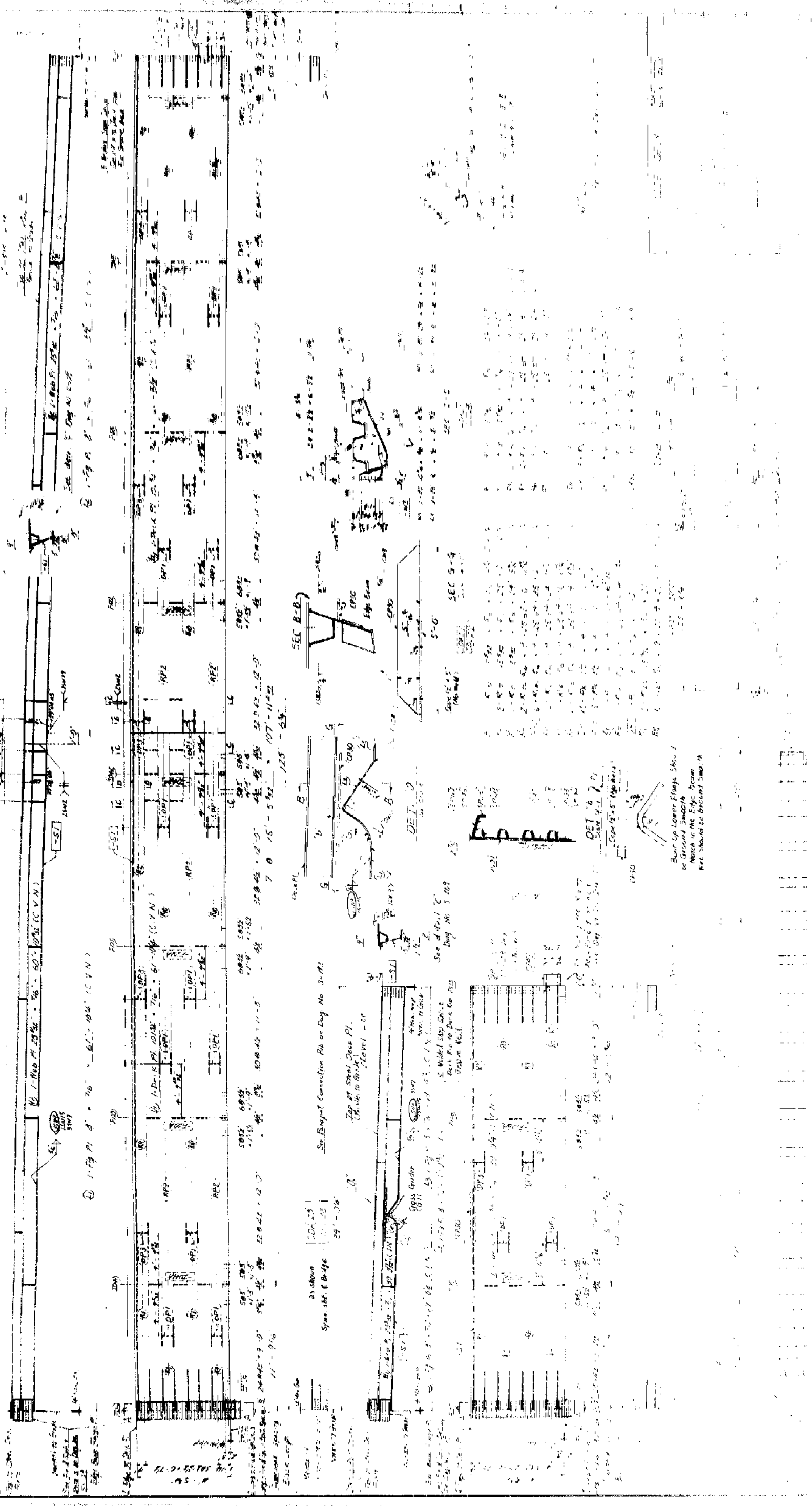


200

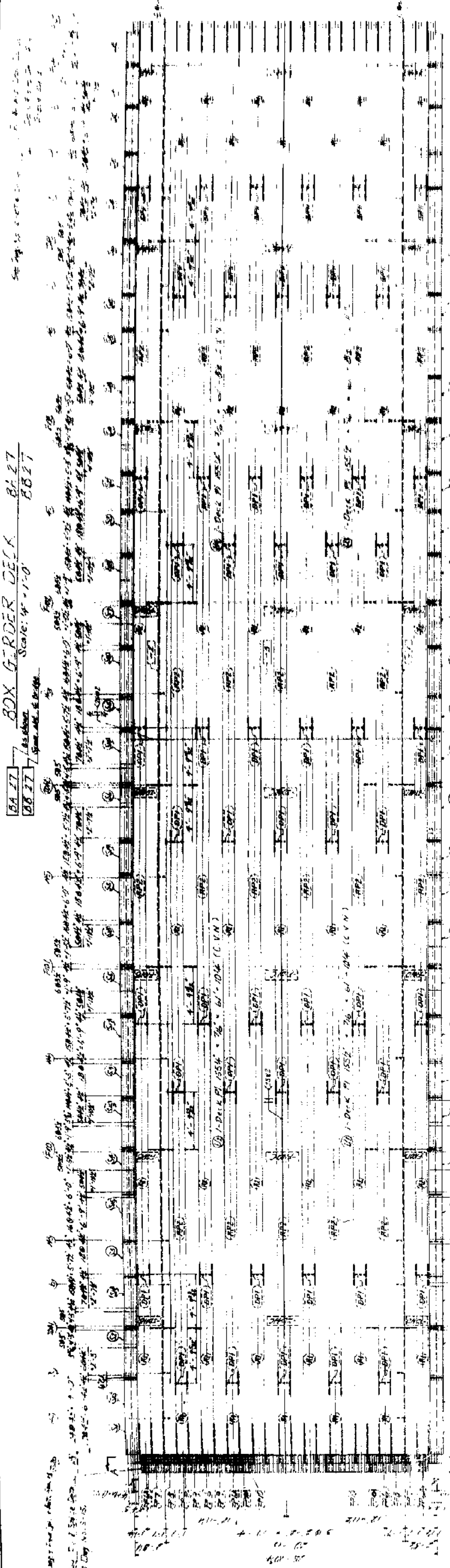
SIDE DECK
S.A. 11-14-10

As shown - SDA 27
Sym. Ht. & Bridge - SDA 27

See Bridge Connection Plan Day No. 1-10



BA 27 BOX GIRDER DECK BA 27
 BB 27 Scale: 1" = 1'-0"

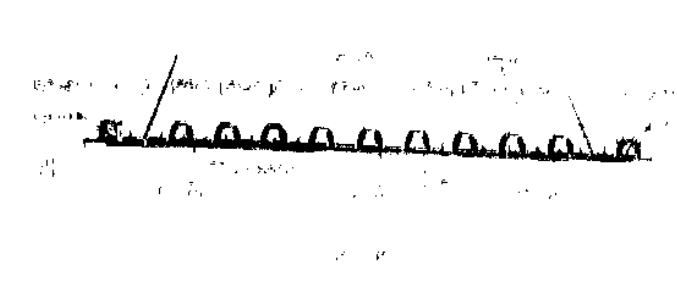


1. Deck PL 554 x 3/8" x 104" (C.V.N.)
 2. Deck PL 554 x 3/8" x 104" (C.V.N.)
 3. Deck PL 554 x 3/8" x 104" (C.V.N.)
 4. Deck PL 554 x 3/8" x 104" (C.V.N.)
 5. Deck PL 554 x 3/8" x 104" (C.V.N.)
 6. Deck PL 554 x 3/8" x 104" (C.V.N.)
 7. Deck PL 554 x 3/8" x 104" (C.V.N.)
 8. Deck PL 554 x 3/8" x 104" (C.V.N.)
 9. Deck PL 554 x 3/8" x 104" (C.V.N.)
 10. Deck PL 554 x 3/8" x 104" (C.V.N.)

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1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10
1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10
1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10
1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10
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1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10

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1-1	2-2	3-3	4-4	5-5	6-6	7-7	8-8	9-9	10-10



1. Deck PL 554 x 3/8" x 104" (C.V.N.)
 2. Deck PL 554 x 3/8" x 104" (C.V.N.)
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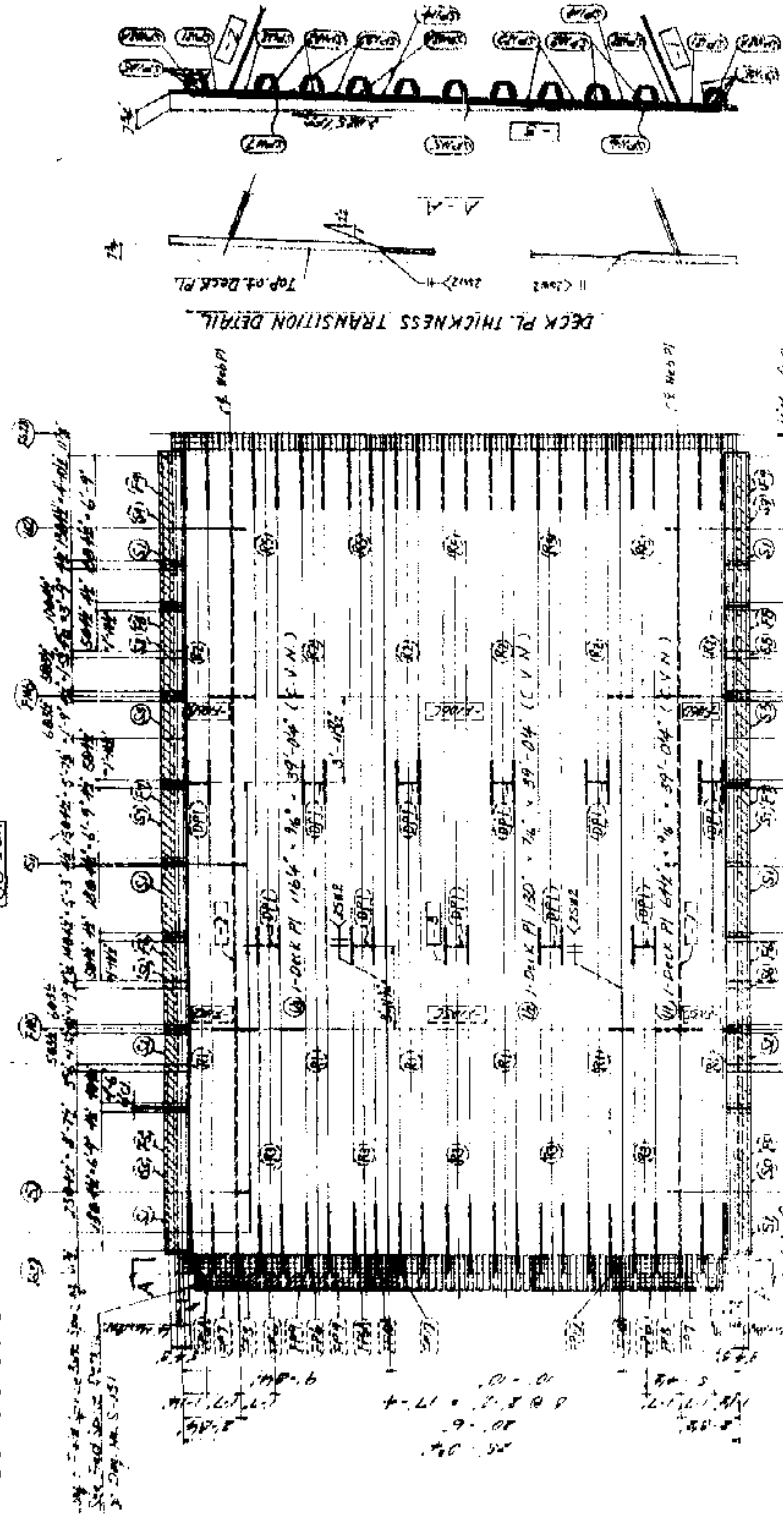


80X GIRDER DECK 8428 8828
SCALE: 1/4" = 1'-0"

1. The United States
 2. is a free country

8A 28A
8B 29A

56 5A



442

1. $\frac{d}{dx} \left(x^2 + 1 \right) = 2x$
 2. $\frac{d}{dx} \left(x^3 - 2x \right) = 3x^2 - 2$
 3. $\frac{d}{dx} \left(x^4 + 5x^2 - 7 \right) = 4x^3 + 10x$
 4. $\frac{d}{dx} \left(x^5 - 3x^2 + 8 \right) = 5x^4 - 6x$
 5. $\frac{d}{dx} \left(x^6 + 4x^3 - 9 \right) = 6x^5 + 12x^2$
 6. $\frac{d}{dx} \left(x^7 - 2x^4 + 1 \right) = 7x^6 - 8x^3$
 7. $\frac{d}{dx} \left(x^8 + 3x^5 - 6 \right) = 8x^7 + 15x^4$
 8. $\frac{d}{dx} \left(x^9 - 5x^6 + 2 \right) = 9x^8 - 30x^5$
 9. $\frac{d}{dx} \left(x^{10} + 7x^7 - 4 \right) = 10x^9 + 49x^6$
 10. $\frac{d}{dx} \left(x^{11} - 9x^8 + 5 \right) = 11x^{10} - 72x^7$

1. 1. The first step in the process of the scientific method is to ask a question.
 2. 2. The second step is to do background research.
 3. 3. The third step is to form a hypothesis.
 4. 4. The fourth step is to test the hypothesis.
 5. 5. The fifth step is to analyze the data and draw a conclusion.
 6. 6. The sixth step is to communicate the results.

DATE	DESCRIPTION	AMOUNT	BALANCE
1-1-19	1-1-19	1-1-19	1-1-19
2-1-19	2-1-19	2-1-19	2-1-19
3-1-19	3-1-19	3-1-19	3-1-19
4-1-19	4-1-19	4-1-19	4-1-19
5-1-19	5-1-19	5-1-19	5-1-19
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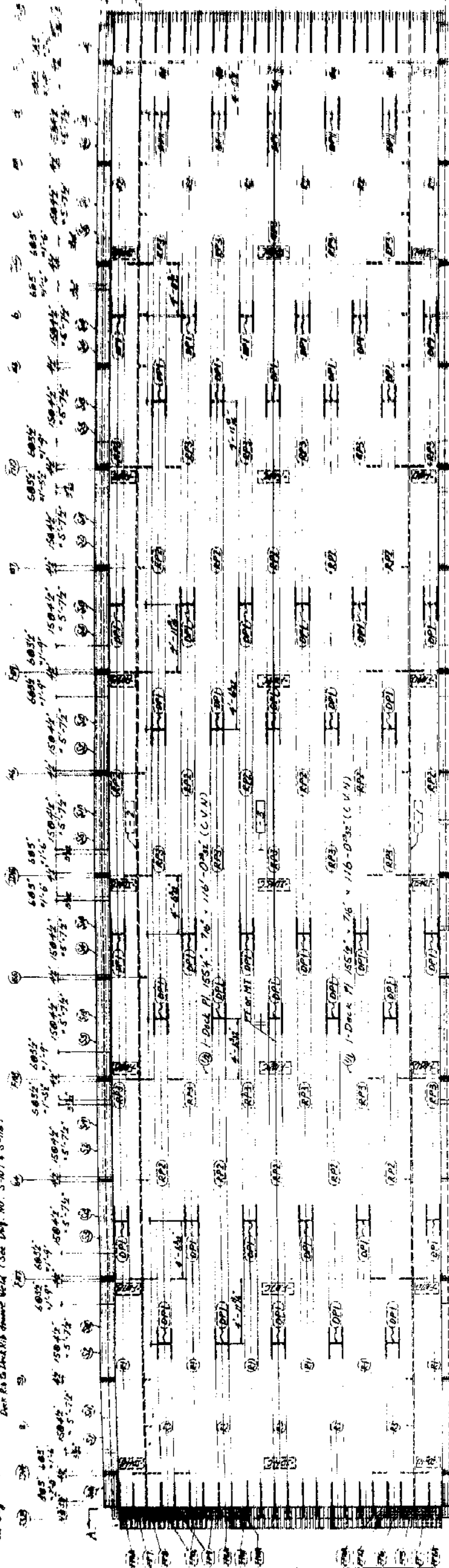
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SHOP DRAWINGS

BOX GIRDER DECK DATA B57

RA 29 - As shown
RB 29 - Same as A, 4 Bridge

See Field Notes B57-6
See Drawing B57-1
- 2' added clear space
Dist. to Rib Center (See Day No. 5-107 & 5-116)



SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D
SECTION E-E
SECTION F-F
SECTION G-G
SECTION H-H

1-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
2-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
3-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
4-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
5-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
6-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
7-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)
8-Deck Pl. 1554" x 76" x 116" - 0.2% (C.V.N.)

SHAPE OF DECK PLATE AND
MEASUREMENT PLANE

Section	Top Flange	Web	Bottom Flange	Reinforcement
A	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
B	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
C	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
D	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
E	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
F	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
G	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)
H	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)	1-20" PL 1554" x 76" x 116" - 0.2% (C.V.N.)

