

GENERAL NOTES

1. DESIGN SPECIFICATIONS. THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, ELEVENTH EDITION AS AMENDED BY THE AASHTO AND AASHTO INTERIM SPECIFICATIONS FOR BRIDGES.

2. CONSTRUCTION SPECIFICATIONS. STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, 1977 EDITION, EXCEPT AS SUPPLEMENTED OR AMENDED BY THE PLANS AND/OR SPECIAL PROVISIONS.

3. WELDING SPECIFICATIONS. WELDING SHALL CONFORM TO THE AASHTO STRUCTURAL WELDING CODE AS MODIFIED BY AASHTO STANDARD SPECIFICATIONS FOR WELDING OF STRUCTURAL STEEL HIGHWAY BRIDGES, SECOND EDITION, 1977 AND THE SPECIAL PROVISIONS.

4. STRUCTURAL METALWORK. ALL STRUCTURAL METALWORK SHALL BE HIGH STRENGTH. LOW ALLOY A572-50S NO. 50, UNLESS OTHERWISE NOTED. MATERIAL MARKED A-36 SHALL BE STRUCTURAL CARBON STEEL ASTM-A36, AND GALVANIZED OR PAINTED AS SPECIFIED. MATERIAL MARKED A-514 SHALL BE HIGH YIELD STRENGTH, QUENCHED AND TEMPERED ALLOY STEEL PLATE SUITABLE FOR WELDING, WITH WEATHERING PROPERTIES SIMILAR TO THAT OF A514. ALL WELDS SHALL BE MADE BY MANUAL, METAL-ARC WELDING. ALL METAL ARC WELDING OR SUBMERGED-ARC WELDING SHALL BE FULL PENETRATION WELD, UNLESS OTHERWISE NOTED. ALL BOLTED CONNECTIONS SHALL BE MADE WITH HIGH TENSILE STRENGTH BOLTS CONFORMING TO ASTM DESIGNATION A325 (TYPE 3) UNLESS OTHERWISE SHOWN. BOLTED CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER HIGH STRENGTH BOLTS. ONE WASHER WILL BE REQUIRED BENEATH THE TURNING ELEMENT. WASHERS AND NUTS USED WITH THESE BOLTS SHALL HAVE CORROSIVE RESISTANT CHARACTERISTICS. ASSOCIATED BOLTED CONNECTIONS ARE DESIGNED AS FRICTION TYPE. ALL BOLT HOLES SHALL BE 1/8" LARGER THAN THE NOMINAL DIAMETER OF THE BOLTS UNLESS OTHERWISE SHOWN. ALL STEEL SHALL BE SO POSITIONED ON THE MEMBERS AS TO PLACE THE DIRECTION OF FINISH ROLLING PARALLEL TO THE DIRECTION OF PRIMARY STRESS. INTERMEDIATE AND ENDING DIAPHRAGMS, STIFFENERS, GUSSET PLATES AND GIRDER ENDS SHALL BE SET NORMAL TO FORWARD FACE AT SHOP ASSEMBLY. GUSSET ENDS SHALL BE BUILT TANGENT TO THE LEG OF THE GUSSET BEAMS AT FINAL DEADLOAD POSITION, BUT NOT BEFORE FINISHING. ALL ENTRANT CUTS SHALL BE TO MINIMUM CORNER RADIUS.

5. CRITICAL MEMBERS. CRITICAL MEMBERS WHICH ARE NOT DESIGNATED AS STRUCTURAL MEMBERS SHALL MEET THE REQUIREMENTS OF CRITICAL MEMBERS AS SPECIFIED IN SECTION 5.1. CRITICAL MEMBERS INCLUDE: 1. THE ENTIRE DECK PLATE AND THE DECK RIBS. 2. THE ENTIRE WEB AND FLANGE OF THE FLOORBEAMS, INTERMEDIATE AND ENDING DIAPHRAGMS. 3. THE ENTIRE TENSION FLANGE, AS DESIGNATED ON THE PLANS, OF THE MAIN BOX GIRDER. 4. THE OTHER TENSION FLANGES AND THE ATTACHING INDIVIDUAL STIFFENERS ON THE TOWER LEGS FROM THE MAIN BOX GIRDER. 5. THE ENTIRE TOWER LEGS FOR THE REMAINING TIERS AND THE ENTIRE TOWER LEGS AND THE ATTACHING INDIVIDUAL STIFFENERS.

6. SHOP ASSEMBLY. THE FIELD CONNECTIONS OF MAIN MEMBERS OF CONTINUOUS BEAM SPANS, TOWERS, TRUSSES, PLATE GIRDERS AND RIGID FRAMES SHALL BE ASSEMBLED IN THE SHOP WITH MILLED ENDS OF COMPRESSION MEMBERS IN FULL BEARING, AND THEN SHALL HAVE THEIR SUB-SIZE HOLES REAMED TO SPECIFIED SIZE FOR DEAD LOAD STEEL AND WEARING SURFACE WHILE THE CONNECTIONS ARE ASSEMBLED. ASSEMBLY SHALL BE PROGRESSIVE TIERS OR GIRDER ASSEMBLY.

7. HOLES FOR HIGH STRENGTH BOLTS. ALL HOLES WILL BE DRILLED FULL SIZE WITH ALL THICKNESSES OF MATERIAL ASSEMBLED IN PROPER POSITION, OR SUBDRILLED HOLES TO BE EDMED WHILE ASSEMBLED OR TO A STEEL TEMPERATURE. FOR A DETAIL OF DRILLING, REFER TO "DETAIL OF DRILLING PROCEDURE".

8. WELD PROFILES. UNLESS OTHERWISE SPECIFIED, BUTT JOINTS BETWEEN PARTS SUBJECT TO TENSILE STRESS, WHETHER JOINTING PARTS OF EQUAL OR UNEQUAL WIDTH OR THICKNESSES, SHALL BE REQUIRED TO BE FLUSH, OR FINISHED TO A SMOOTH TRANSITION AS SHOWN ON THE SHOP DRAWINGS.

9. WELDING SYMBOL EXPLANATION. WELDING SYMBOLS ARE PER CURRENT A.S.T.M. A 2.4. "SYMBOLS FOR WELDING AND NONDESTRUCTIVE TESTING".

10. EDGE PLANING. ALL CURVES OXYGEN CUT EDGES OF MAIN STEEL CARRYING MEMBERS, EXCEPT BEARINGS STIFFENERS AND GIRDER ENDS SHALL HAVE A 1/8" INCH (3.2MM) RADIUS OR EQUIVALENT FLAT SURFACE AT A SUITABLE ANGLE.

11. MATCH MARKING. CONNECTING PARTS ASSEMBLED IN THE SHOP FOR THE PURPOSE OF REAMING HOLES IN FIELD CONNECTIONS SHALL BE MATCH-MARKED WITH STEEL STENCILS. FOR A DIAGRAM SHOWING SUCH MARKS, REFER TO "PIECE AND MATCH MARKS PROCEDURE".

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13. FABRICATION TOLERANCES. SHALL CONFORM TO THE SPECIAL PROVISIONS, THE STANDARD SPECIFICATIONS AND THE AASHTO STANDARD SPECIFICATIONS FOR WELDING.

14. PLACEMENT OF BOLT. WELDED BOLTS ARE USED IN A VERTICAL POSITION. THE NUTS SHALL BE INSTALLED ON THE UNDERSIDE WHENEVER POSSIBLE. WELDED BOLTS ARE USED IN A HORIZONTAL POSITION. THE NUT SHALL BE INSTALLED ON THE OUTSIDE FACE EXPOSED TO WEAR. A WASHER SHALL ALWAYS BE USED UNDER THE TURNING ELEMENT OF THE BOLTED CONNECTION.

15. SHOP PAINTING. FOR DETAILS OF PAINT SYSTEM, SEE "PAINTING IDENTIFICATION". ALL METAL SURFACES TO BE BUILT CLEANED SHALL BE BUILT CLEANED AFTER FABRICATION IN ACCORDANCE WITH STEEL STRUCTURAL PAINTING COUNCIL SPECIFICATION SP-6. ALL PAINTING SHALL BE IN ACCORDANCE WITH SECTION 811 EXCEPT THAT THE COATING SHALL BE AN APPROVED INORGANIC ZINC PRIMER AND TOP COAT SYSTEM CONFORMING TO SUBSECTION 1006.03 AS MANUFACTURED BY MOBIL CHEMICAL COMPANY OR EXXON CHEMICAL COMPANY (SEE SPECIAL PROVISIONS).

16. GALVANIZING. WHERE GALVANIZING IS CALLED FOR ON THE SHOP DRAWINGS, PARTS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH SUBSECTION 411.16 OF THE STANDARD SPECIFICATIONS.

17. NOTE. ONE (1) RIB OF EACH GROUP OF 36 RIBS WITH AN 18" WIDE DECK PLATE A DISTANCE OF 1'-0" SHALL BE EXTENDED AT EACH FIELD STRIKE FOR THE PURPOSE OF TESTING THE RIB TO DECK PLATE FILLET WELD. THE 18" WIDE EXTENDED PLATE MAY BE WELDED TO THE DECK PLATE.

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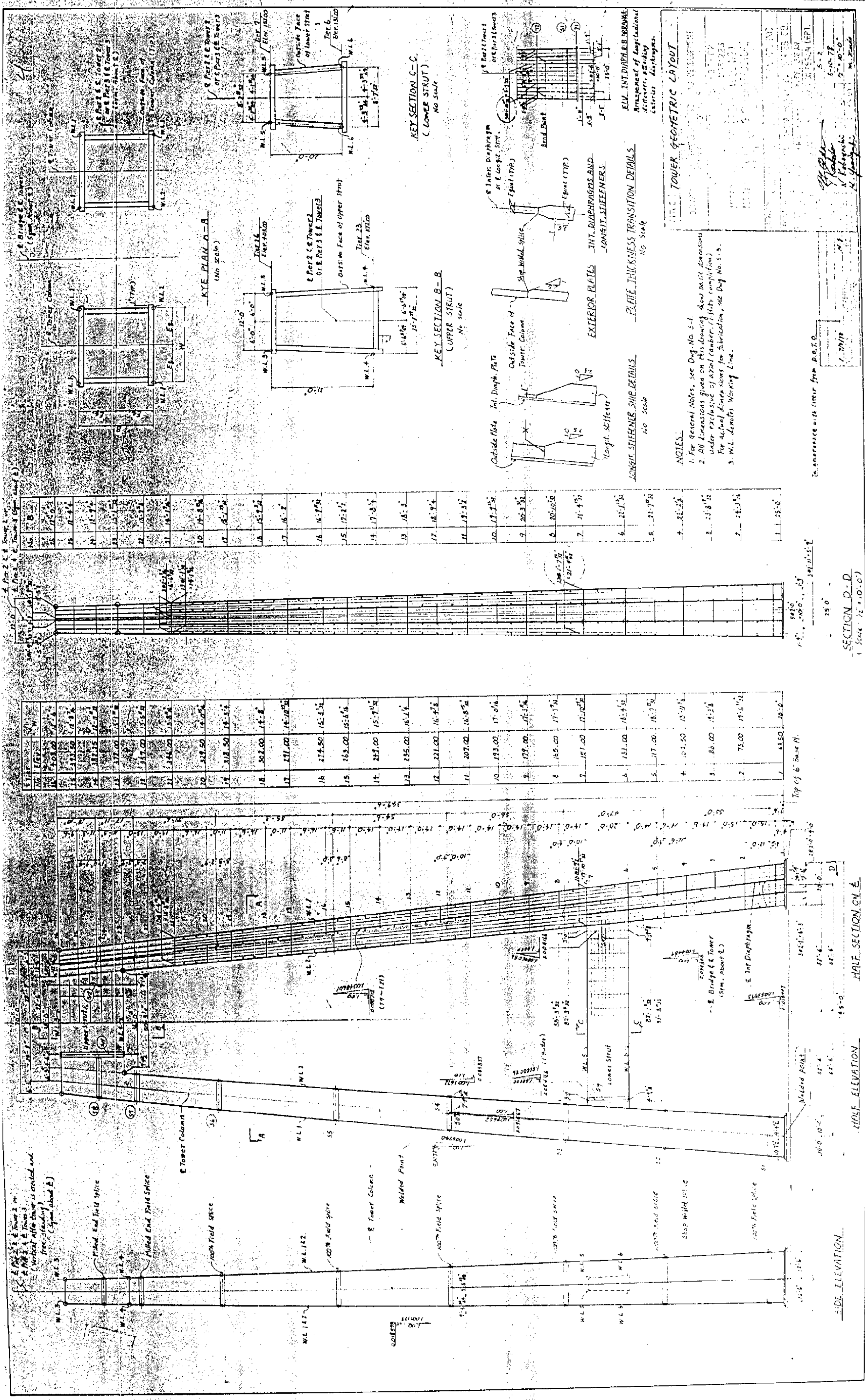
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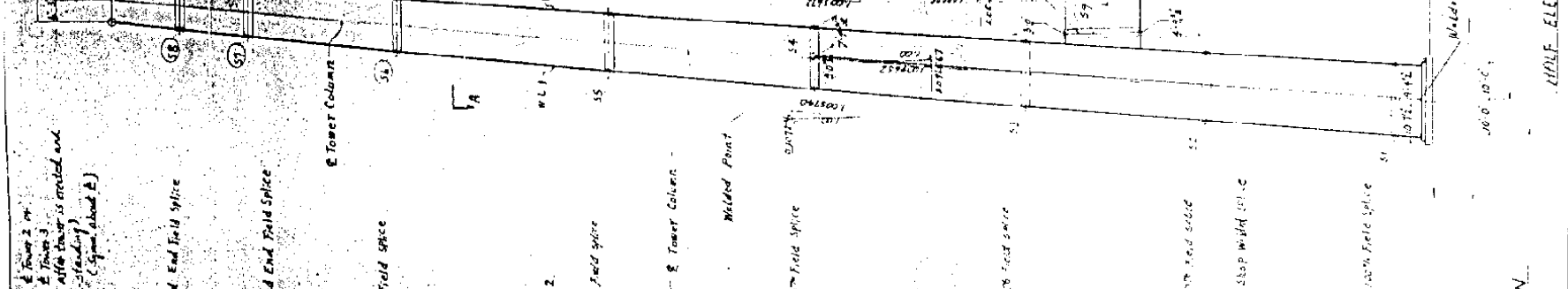
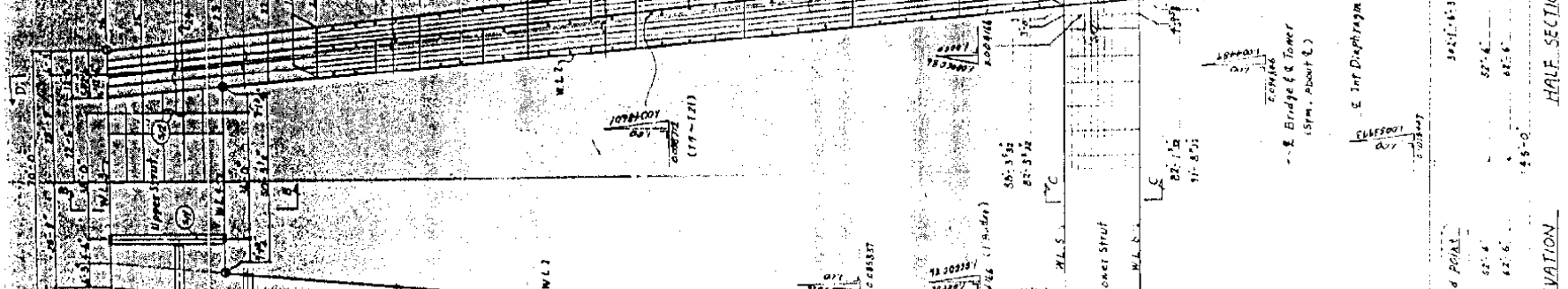
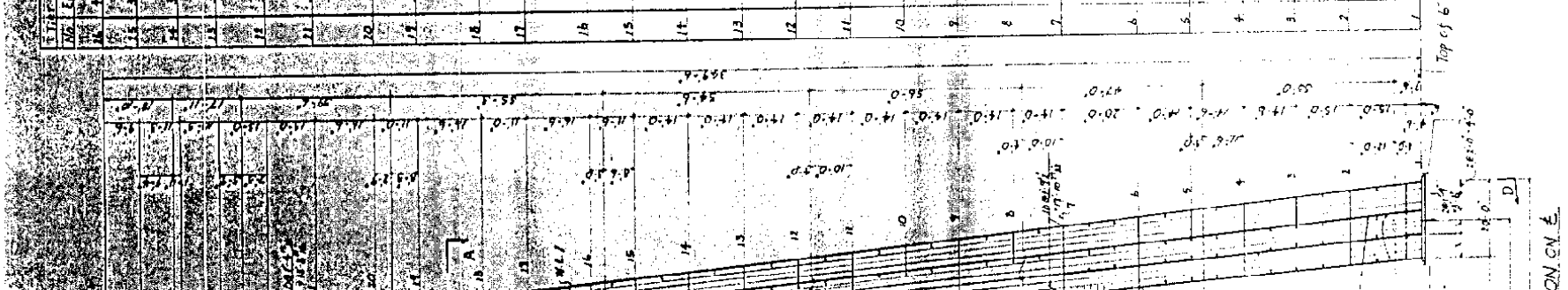
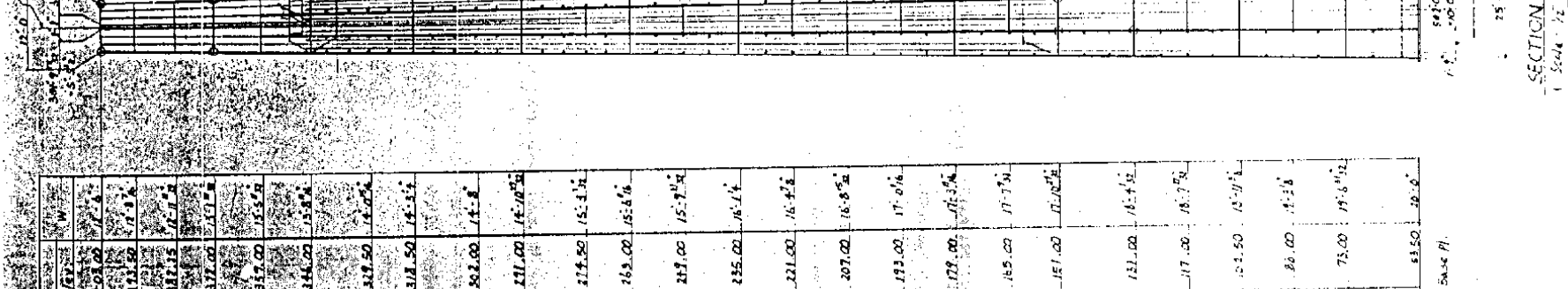
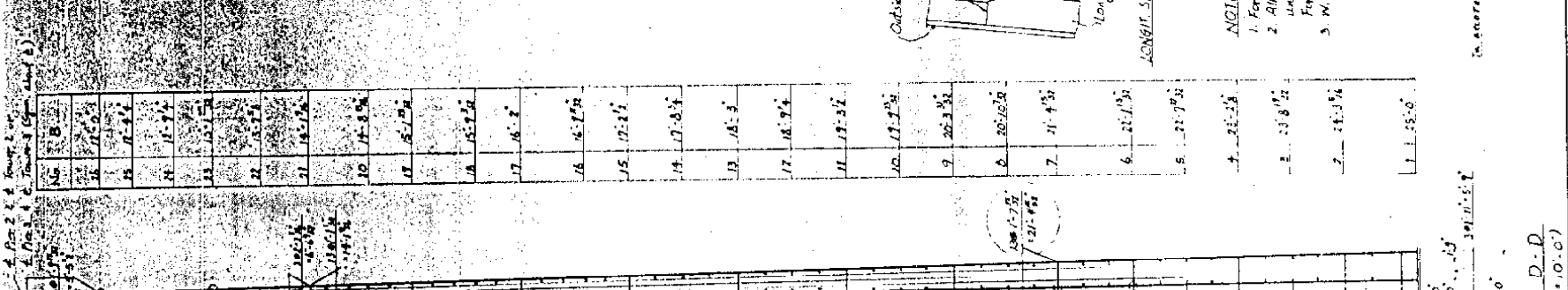
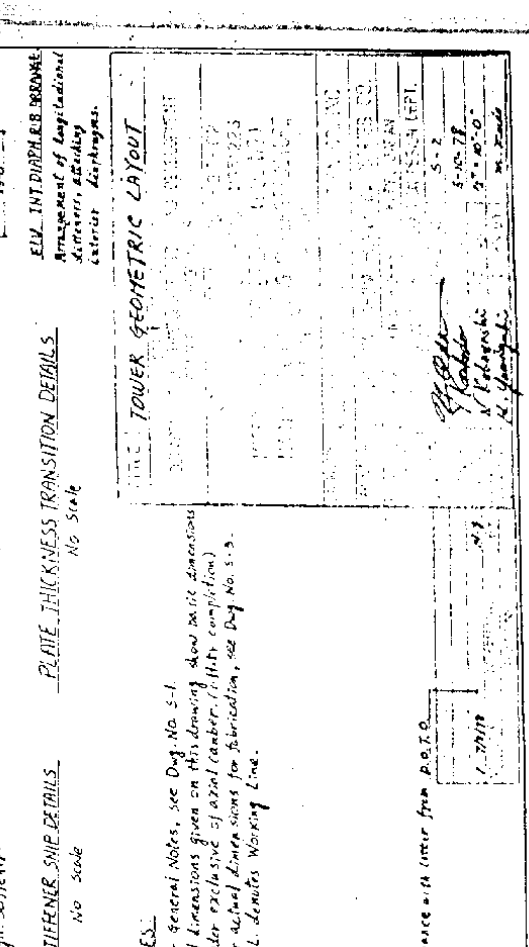
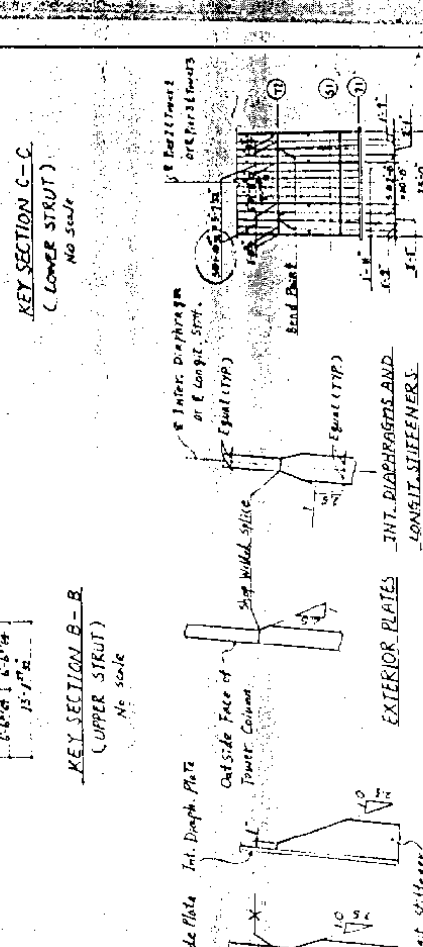
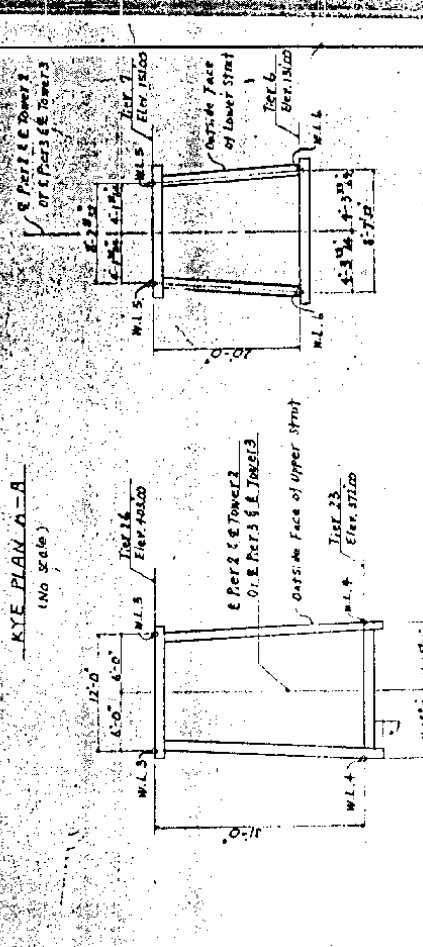
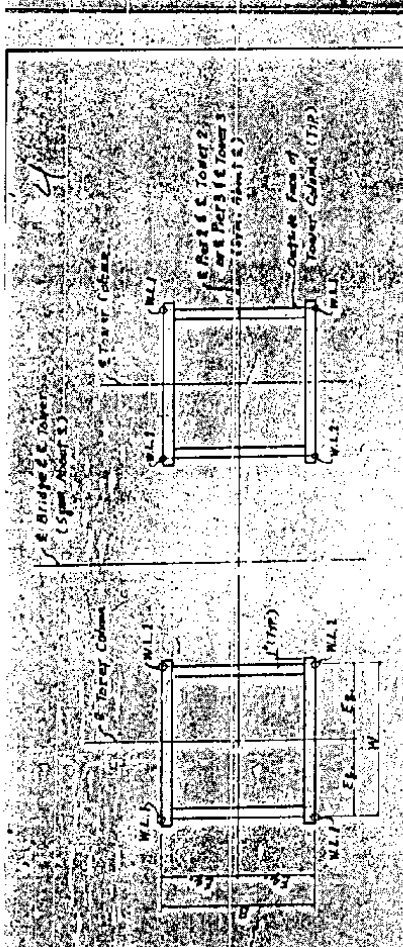
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GENERAL NOTES table with columns for item, description, and date.



STATION	W	D	THICKNESS
1	63.50	10.00	1/2"
2	75.00	15.00	1/2"
3	80.00	15.50	1/2"
4	101.50	15.00	1/2"
5	117.00	18.75	1/2"
6	123.00	18.50	1/2"
7	141.00	17.50	1/2"
8	145.00	17.50	1/2"
9	177.00	17.50	1/2"
10	193.00	17.00	1/2"
11	207.00	16.80	1/2"
12	221.00	16.40	1/2"
13	235.00	16.10	1/2"
14	251.00	15.70	1/2"
15	263.00	15.60	1/2"
16	274.50	15.30	1/2"
17	281.00	14.80	1/2"
18	282.00	14.80	1/2"
19	318.50	14.50	1/2"
20	318.50	14.00	1/2"
21	346.00	13.50	1/2"
22	347.00	13.50	1/2"
23	377.00	13.00	1/2"
24	377.50	13.00	1/2"
25	403.00	12.50	1/2"
26	403.00	12.50	1/2"
27	420.00	12.00	1/2"
28	420.00	12.00	1/2"
29	450.00	11.50	1/2"
30	450.00	11.50	1/2"



NOTES:

1. For general notes, see Dwg. No. S-1.
2. All dimensions given on this drawing show metric dimensions under exclusive of final member. (With completion)
3. For actual dimensions for fabrication, see Dwg. No. S-3.
4. W.L. denotes Working Line.

TOURER GEOMETRIC LAYOUT

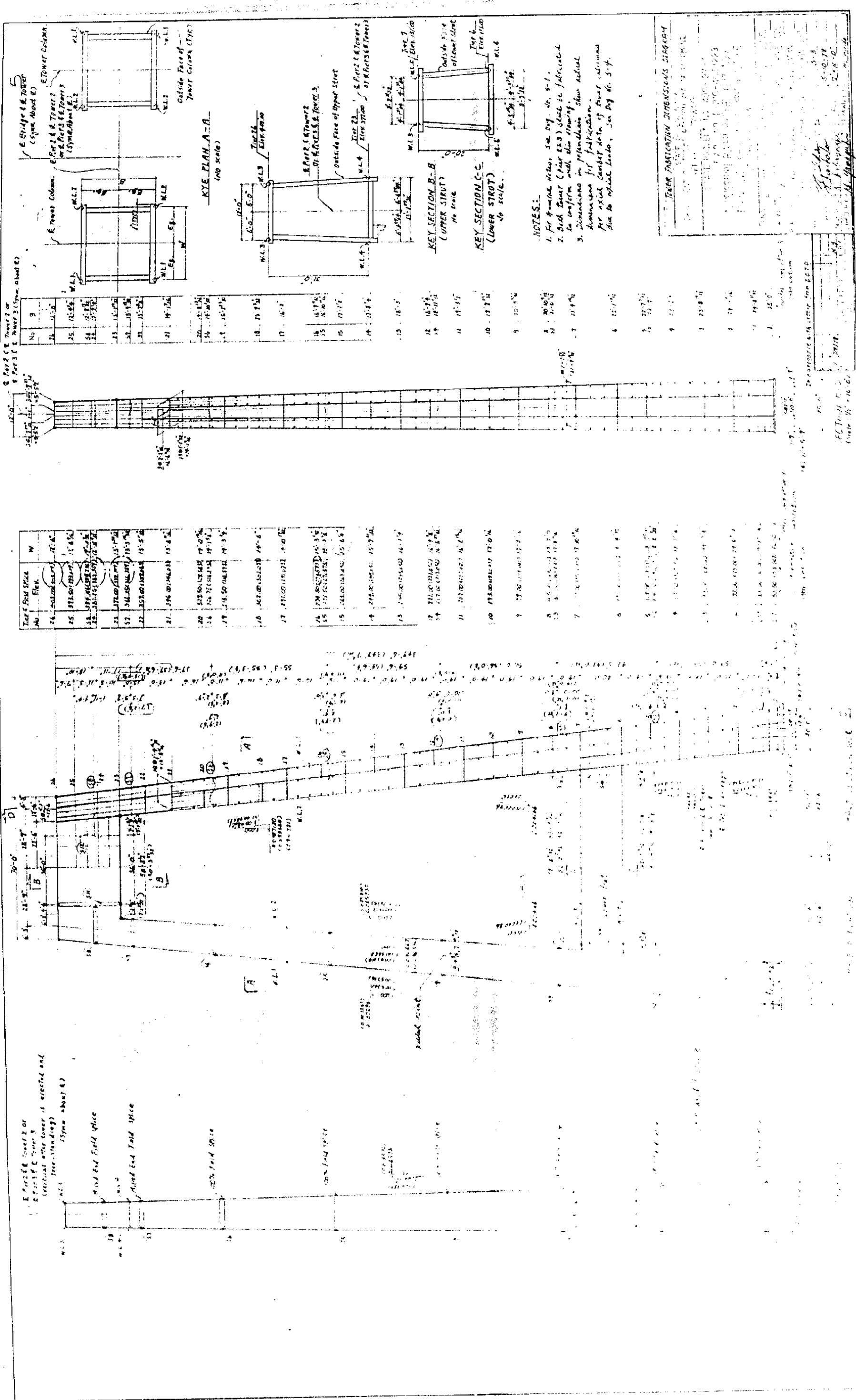
LONGIT. STIFFENER SHIP DETAILS No scale

PLATE THICKNESS TRANSITION DETAILS No scale

INT. DIAPHRAGM BROWNE
Arrangement of longitudinal stiffeners according exterior markings.

ANODES:

Scale: 1/2" = 1'-0"



Per 2 & 3 Tower 2 or 3
 Per 2 & 3 Tower 3 (Spec. about E)

Steel Beam Size	W	W
24	12.0	12.0
25	12.5	12.5
26	13.0	13.0
27	13.5	13.5
28	14.0	14.0
29	14.5	14.5
30	15.0	15.0
31	15.5	15.5
32	16.0	16.0
33	16.5	16.5
34	17.0	17.0
35	17.5	17.5
36	18.0	18.0
37	18.5	18.5
38	19.0	19.0
39	19.5	19.5
40	20.0	20.0
41	20.5	20.5
42	21.0	21.0
43	21.5	21.5
44	22.0	22.0
45	22.5	22.5
46	23.0	23.0
47	23.5	23.5
48	24.0	24.0
49	24.5	24.5
50	25.0	25.0
51	25.5	25.5
52	26.0	26.0
53	26.5	26.5
54	27.0	27.0
55	27.5	27.5
56	28.0	28.0
57	28.5	28.5
58	29.0	29.0
59	29.5	29.5
60	30.0	30.0
61	30.5	30.5
62	31.0	31.0
63	31.5	31.5
64	32.0	32.0
65	32.5	32.5
66	33.0	33.0
67	33.5	33.5
68	34.0	34.0
69	34.5	34.5
70	35.0	35.0
71	35.5	35.5
72	36.0	36.0
73	36.5	36.5
74	37.0	37.0
75	37.5	37.5
76	38.0	38.0
77	38.5	38.5
78	39.0	39.0
79	39.5	39.5
80	40.0	40.0
81	40.5	40.5
82	41.0	41.0
83	41.5	41.5
84	42.0	42.0
85	42.5	42.5
86	43.0	43.0
87	43.5	43.5
88	44.0	44.0
89	44.5	44.5
90	45.0	45.0
91	45.5	45.5
92	46.0	46.0
93	46.5	46.5
94	47.0	47.0
95	47.5	47.5
96	48.0	48.0
97	48.5	48.5
98	49.0	49.0
99	49.5	49.5
100	50.0	50.0

KEY PLAN A-B
 (NO SCALE)

KEY SECTION B-B
 (UPPER STRUT)
 No scale

KEY SECTION C-C
 (LOWER STRUT)
 No scale

NOTES:
 1. For 9' and 10' towers, see Def. No. 5-1.
 2. Steel tower (Type 23) shall be fabricated to conform with the drawing shown actual dimensions in parentheses show actual dimensions for fabrication.
 3. For actual lumber data of tower columns, see Def. No. 5-4.

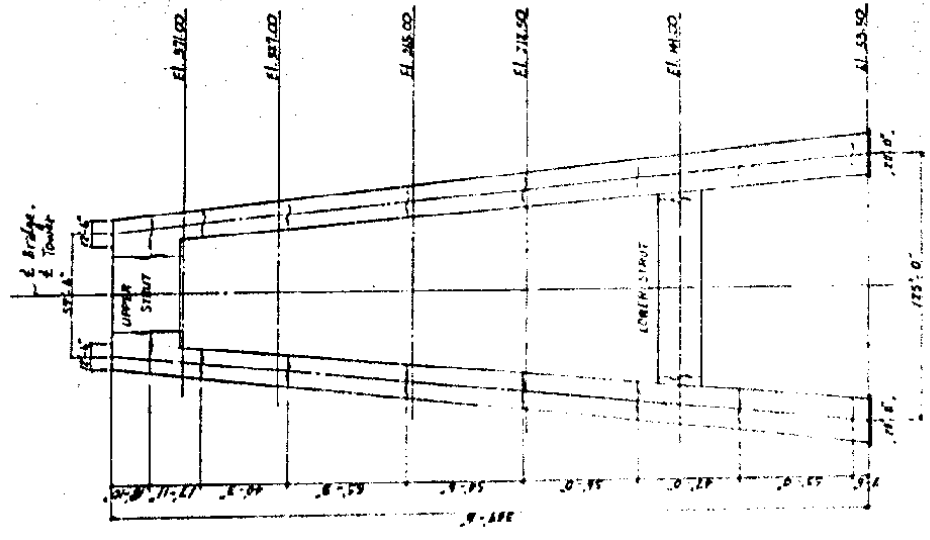
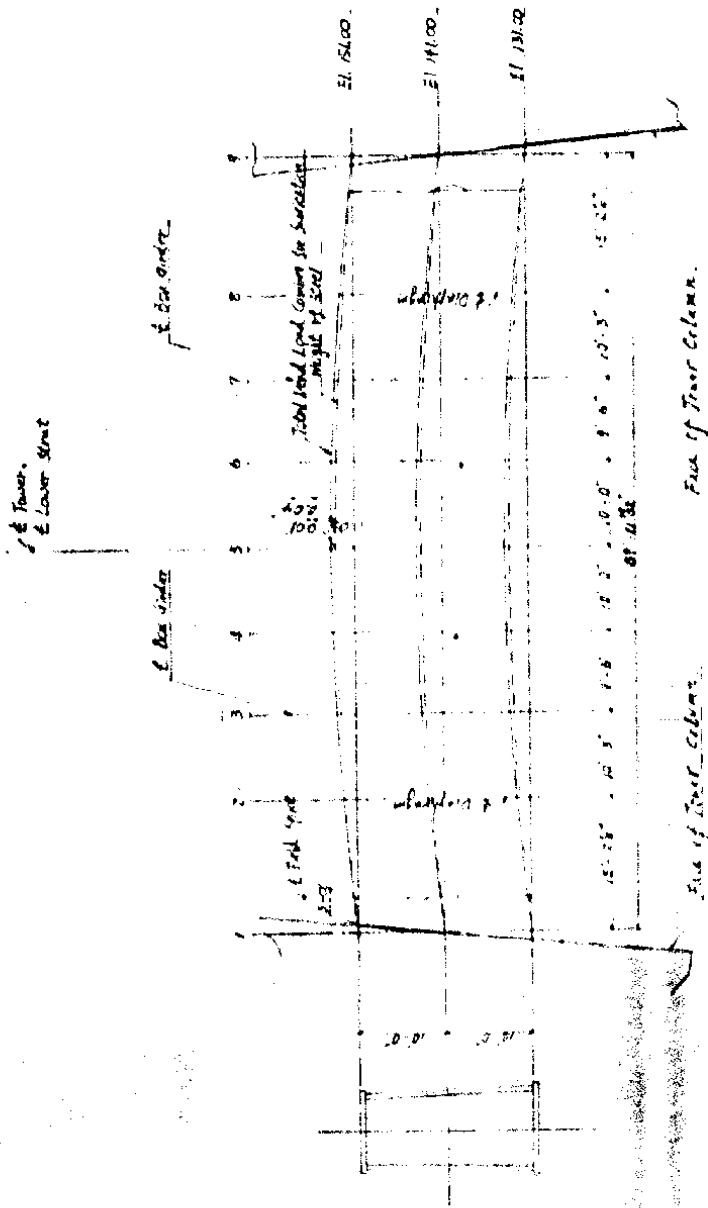
STEEL FABRICATION DIMENSIONS DIAGRAM

Part	Material	Dimensions
1	Steel	...
2	Steel	...
3	Steel	...
4	Steel	...
5	Steel	...
6	Steel	...
7	Steel	...
8	Steel	...
9	Steel	...
10	Steel	...
11	Steel	...
12	Steel	...
13	Steel	...
14	Steel	...
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96	Steel	...
97	Steel	...
98	Steel	...
99	Steel	...
100	Steel	...

2. CAMBER DATA OF TOWER COLUMNS FOR TOWER 2 & 3
(Actual Camber of Tower Columns See to Actual Loads)

Location of Section	Camber in feet per ft. of height of steel	Height of steel	Total Camber
Section at El. 471.00	0.08	0.02	0.11
Section at El. 477.00	0.07	0.01	0.08
Section at El. 483.00	0.06	0.01	0.07
Section at El. 489.00	0.05	0.01	0.06
Section at El. 495.00	0.04	0.00	0.04
Section at El. 501.00	0.03	0.00	0.03
Section at El. 507.00	0.02	0.00	0.02
Section at El. 513.00	0.01	0.00	0.01

CAMBER DIAGRAM FOR LOWER STRUT (NO SCALE)



KEY ELEV.

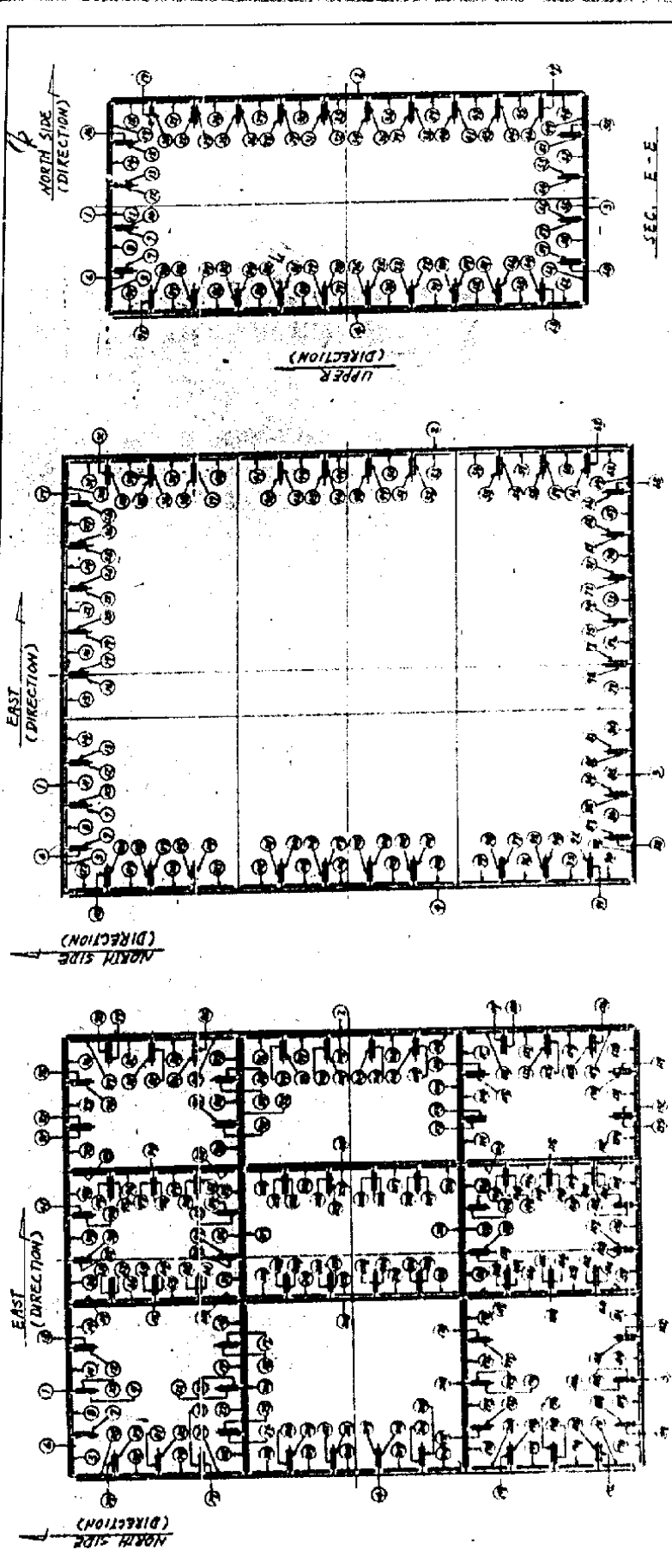
NOTES:

1. For general NDBs, see Day No. 5-1.
2. Lower strut of both tower (Towers) shall be fabricated to conform with this drawing.

Location of Section	1	2	3	4	5	6	7	8	9
Face of Tower Column	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'
Face of Lower Strut	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'	175.0'

to be checked in accordance with

TITLE	LOWER STRUT CENTER DIAGRAM
PROJECT	ST. LOUIS BRIDGE
DESIGN	DESIGN
DATE	SEP. 10, 1911
DESIGNED BY	W. H. BAKER
CHECKED BY	W. H. BAKER
APPROVED BY	W. H. BAKER
SCALE	AS SHOWN
NO.	10



SEC. C-C

SEC. D-D

SEC. E-E

255W	255E	255N	255S
255W	255E	255N	255S
255W	255E	255N	255S
255W	255E	255N	255S

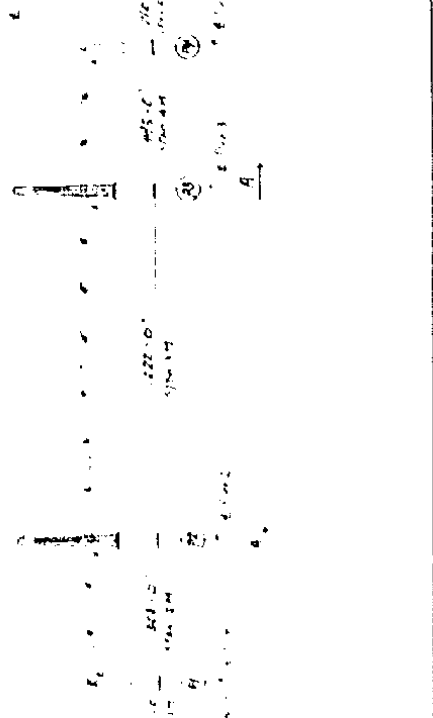
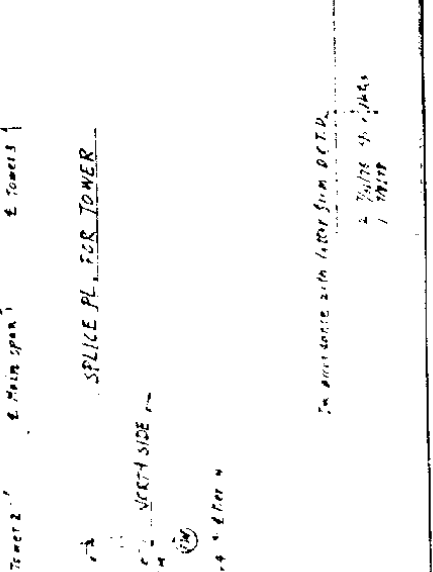
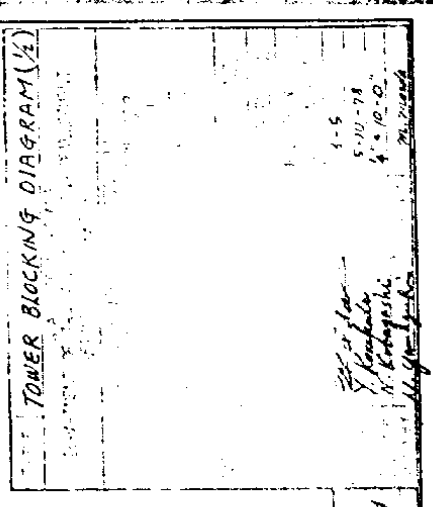
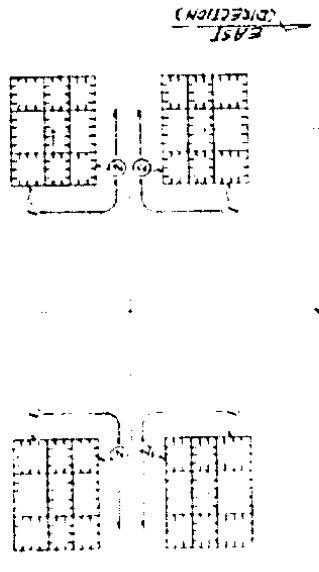
257	2510	359	3510
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251W	251E	251N	251S
251W	251E	251N	251S
251W	251E	251N	251S
251W	251E	251N	251S

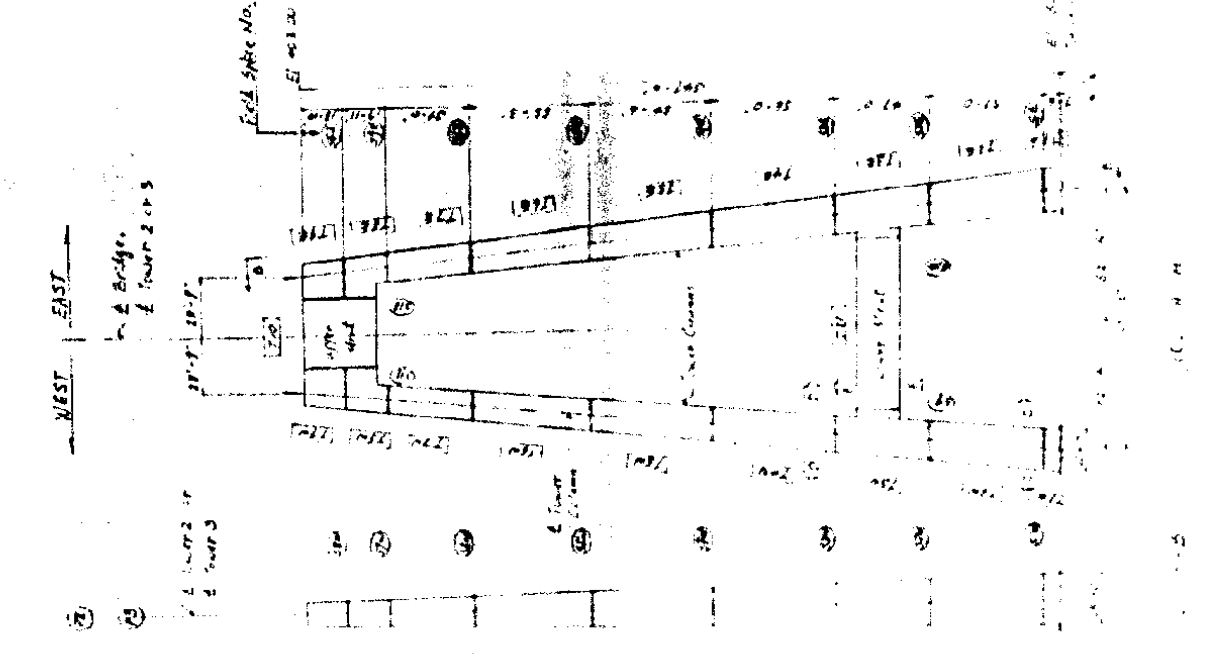
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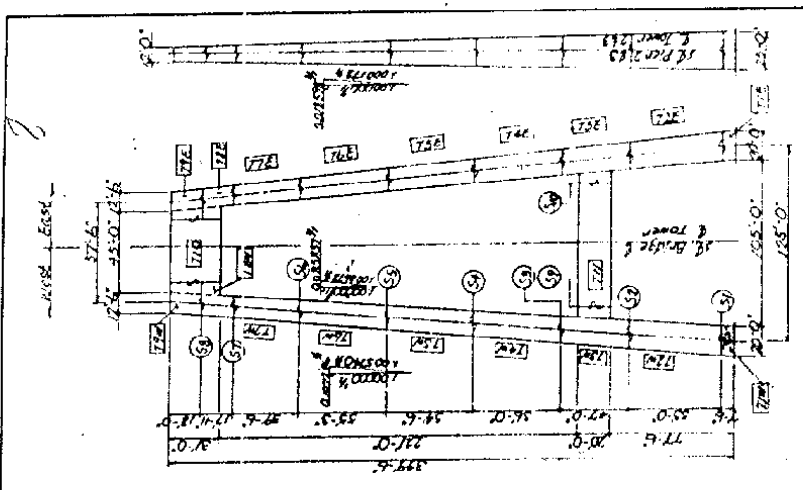
- 1. Block Number is followings.
Example: 2 TIE STILE
Denote Tower Number.
- 2. Fit metal marks, See page and Match Marks Procedure.
- 3. For field splice (see sec. 251W, 251E, 251N, 251S) see TOWER BLOCKING DIAGRAM (2).

Examples of sign:
Face No: 2
Field splice No: 51W
Tower No: Tower 2



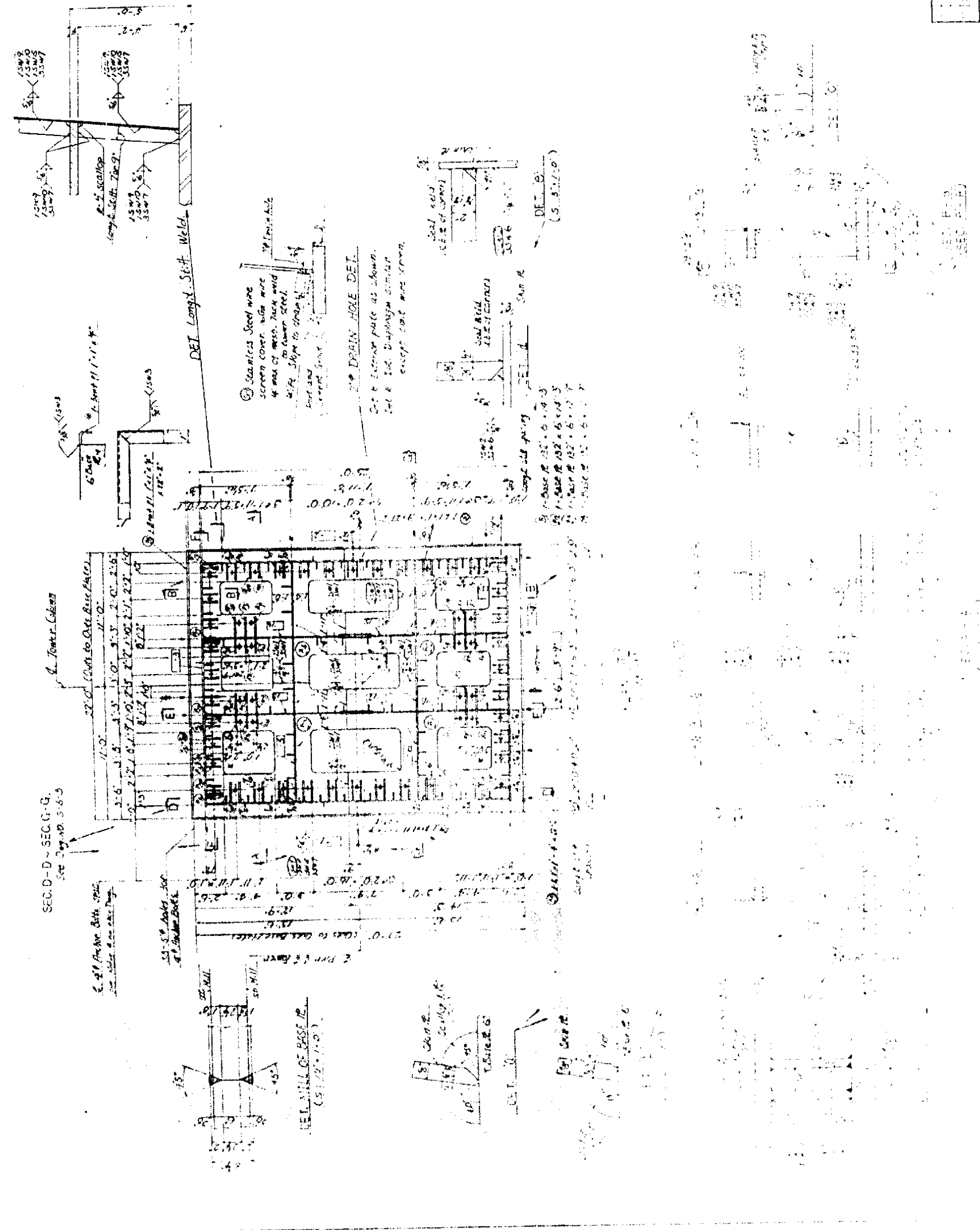
TOWER BLOCKING DIAGRAM (TOWER 2, 3, 5)
(SCALE: 1/8" = 10'-0")



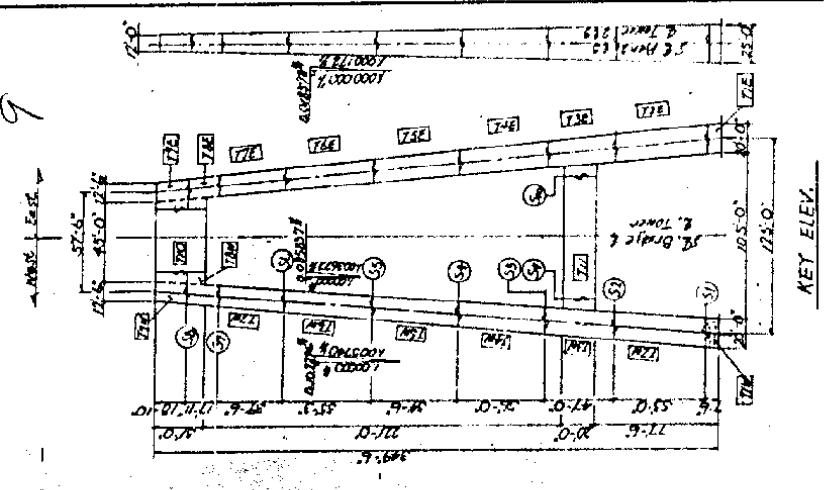


- KEY ELEV.**
1. For General Notes, see Day No. 5-1.
 2. * Denotes dimensions which adjusted to site survey results of the location and condition of Anchor bolts in per 2.
 3. For in per 3 actual dimensions will be shown after site survey.
 4. Base plate shall be finished to be flat and level.
 5. This drawing shows base side block of tower in per 2 and per 3, but except the location and condition of anchor bolts in per 3.
 6. For each side block, symmetrical about center line of tower unless noted.
 7. All dimensions given on this sheet show actual dimensions for fabrication.
 8. Locations of Anchor bolts holes for Tower 3, see Ref. No. S-76, S-77, S-78, S-79, S-80, S-81, and S-82.
 9. For tower details, see Day No. 5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-10, 5-11, 5-12, 5-13, 5-14, 5-15, 5-16, 5-17, 5-18, 5-19, 5-20, 5-21, and 5-22.
 10. All clips shall be 1/2" cut and all staybolts shall be 1/2" nutbolts unless noted.
 11. Substitution of shapes. (A Denotes substituted shape)
 12. Original shape of substituted shape
 13. 1/2" x 1/2" x 1/2" x 1/2" x 1/2"
 14. 1/2" x 1/2" x 1/2" x 1/2" x 1/2"
1. Work this sheet with Day No. 5-6, 5-7, and 5-8-3.
2. The welding procedure shall be applied as per Spec.

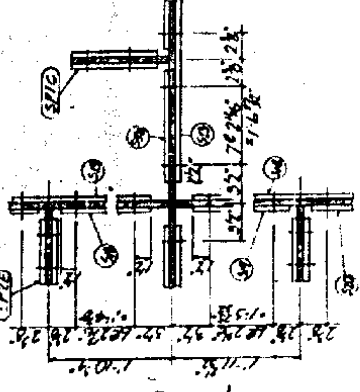
TITLE	TOWER T7 (25)
STATE OF LOUISIANA	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
	OFFICE OF HIGHWAYS
STATE PROJECT NO.	750-37-06
F&P NO.	1-37-405/223
	MISSISSIPPI RIVER BRIDGE (TULUMING)
	MAIN POWER CROSSING STRUCTURE
	ST. CHARLES, LA.
DESIGNED BY	WILLIAMS ENGINEERING CONSULTING CO., INC.
CHECKED BY	WILLIAMS ENGINEERING CONSULTING CO., INC.
DATE	7-1-57
SCALE	AS SHOWN
BY	WILLIAMS ENGINEERING CONSULTING CO., INC.



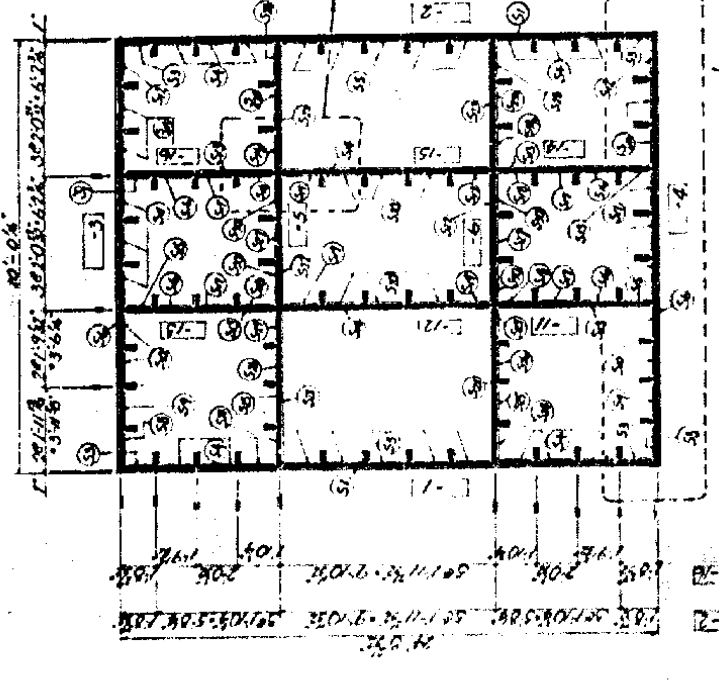
9



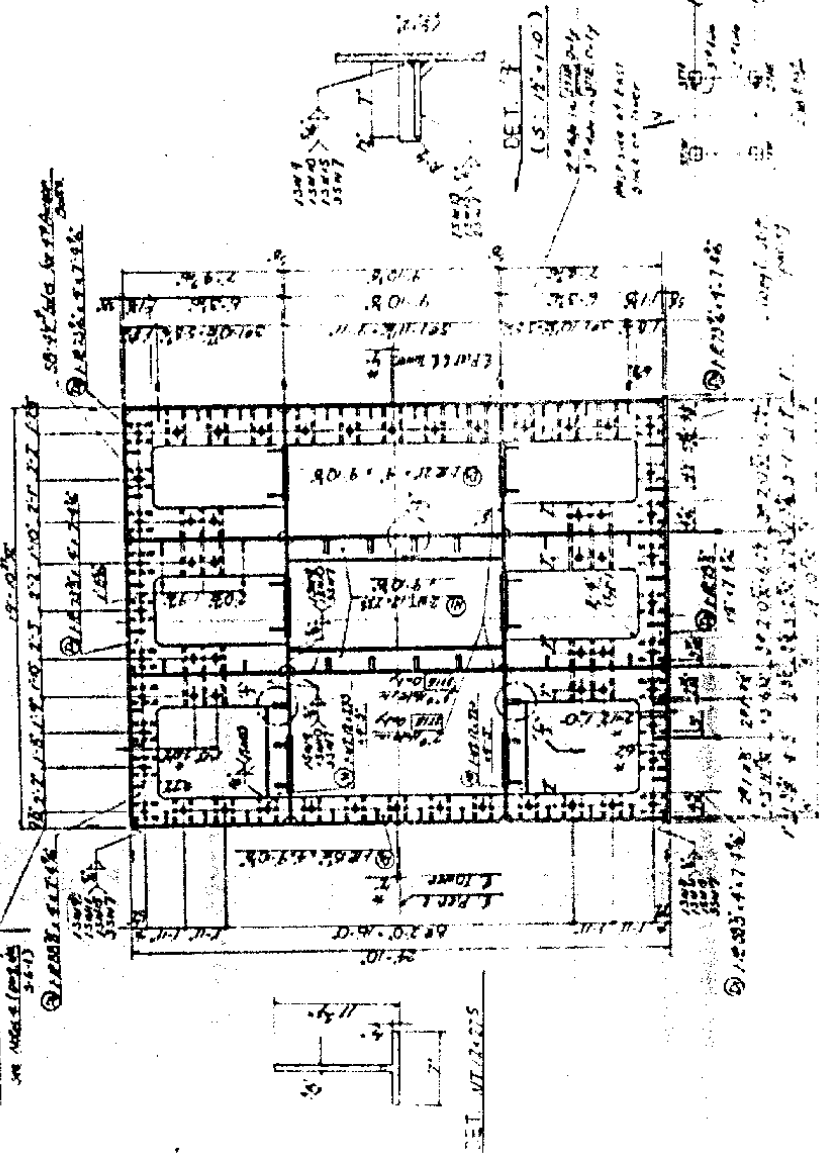
NOTES:
 1. For General Notes, see Div. No. 5-1.
 2. For additional Notes, see Div. No. 5-1.
 3. Black with Div. No. 5-6-1 and 5-6-3.
 4. One welding procedure to be applied at the time.



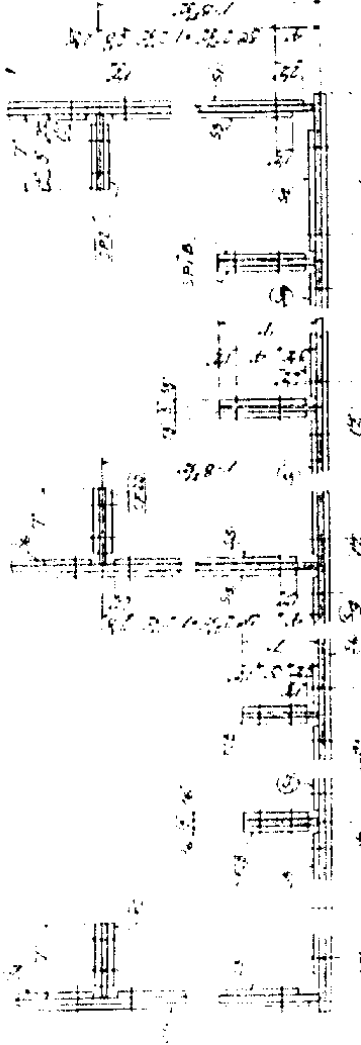
DETAIL OF FIELD SPLICE
 (S: 1/2" = 1'-0")



PLAN FIELD SPL.
 (S: 1/8" = 1'-0")

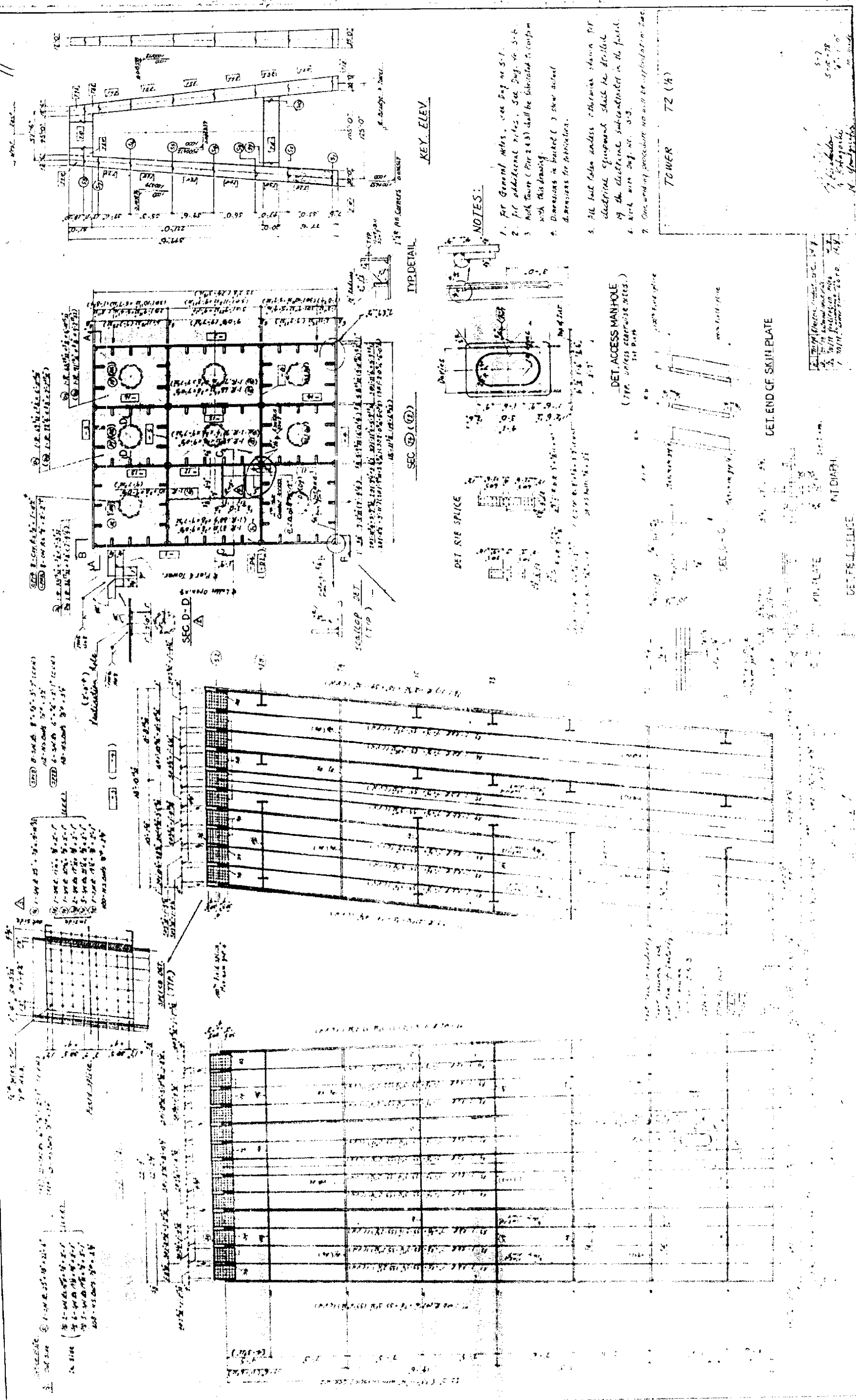


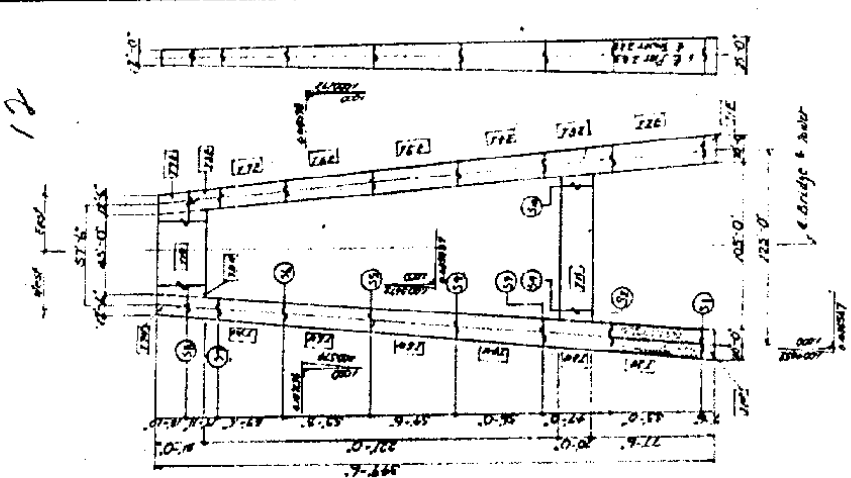
PLAN EL. 5300



DETAIL OF FIELD SPLICE
 (S: 1/2" = 1'-0")

TITLE	TOWER 71 (3/3)
STATE	LOUISIANA
DEPARTMENT	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
OFFICE	OFFICE OF HIGHWAYS
STATE PROJECT NO.	350-37-02
F.A.P. NO.	1-310-4051223
PROJECT	MISSISSIPPI RIVER BRIDGE (ELLING)
STRUCTURE	MAIN RIVER CROSSING SUPERSTRUCTURE
DESIGNER	ST. CHARLES, MISSOURI
CONTRACTOR	WILLIAMS ENGINEERS CORPORATION CO., INC.
FABRICATOR	ISHIKAWAJIMA HARRIMA HEAVY INDUSTRIES CO.
STATE OF	MISSISSIPPI
DESIGNER	BRIDGES DESIGN GROUP
PRODUCTION	PRODUCTION DESIGN DEPT.
MANAGER	J. L. ...
CHIEF	J. ...
IN CHARGE	J. ...
SCALE	1/8" = 1'-0"
DATE	9-1-78
DRAWN BY	J. ...
CHECKED BY	J. ...





KEY ELEV.

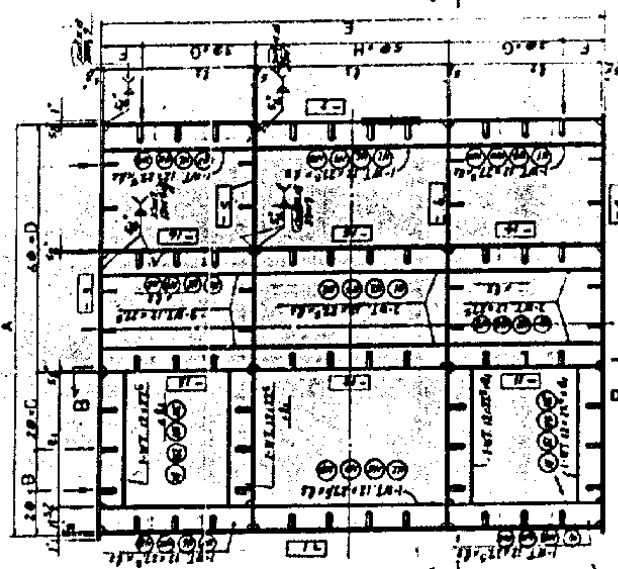
NOTES:

1. For General Notes, See Div. No. 5-1.
2. For additional notes, See Div. No. 5-1.
3. All work (Per 215) shall be subjected to conform with this drawing.
4. Work with Div. No. 5-7.
5. One welding procedure no. will be applied at one time.
6. Dimensions in brackets show actual dimensions for fabrication.

TOWER T2 (21)

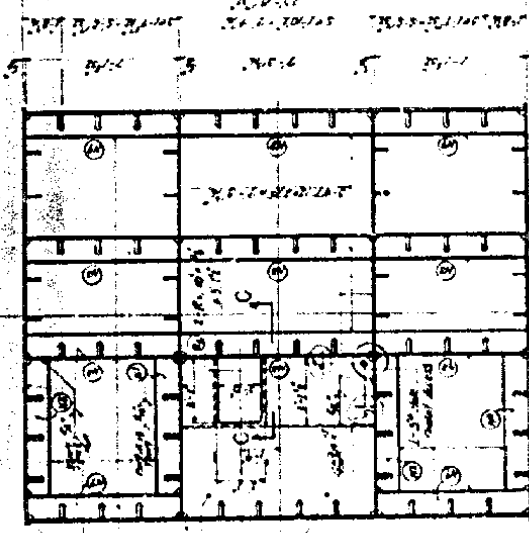
5-8
5-10-73
N. J. ...

5-8
5-10-73
N. J. ...



SECTION 73

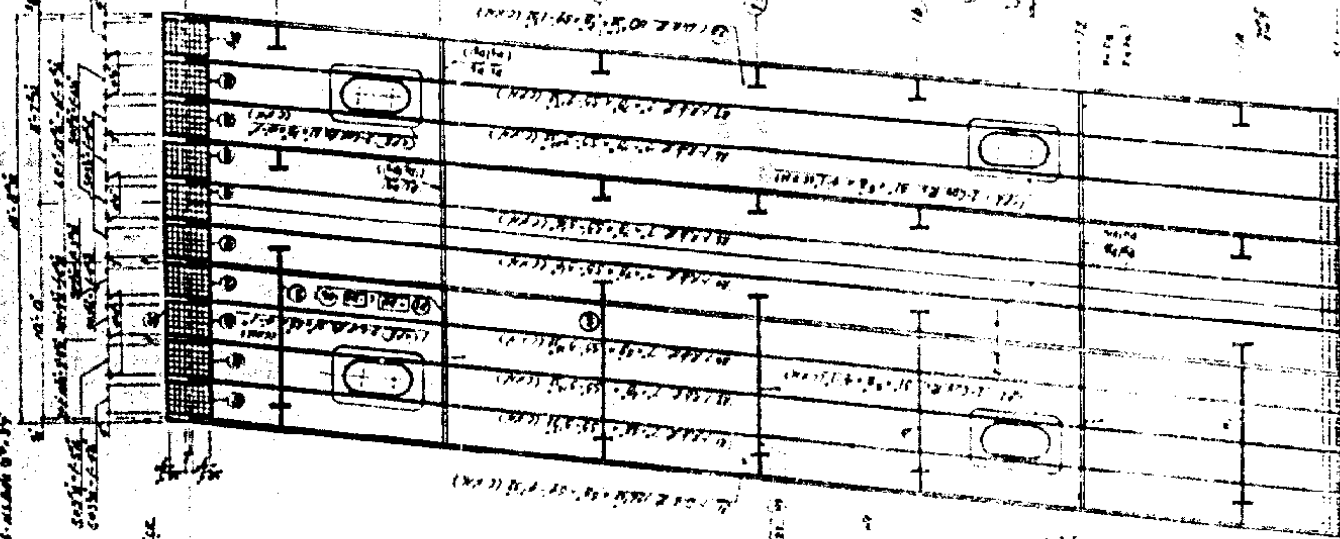
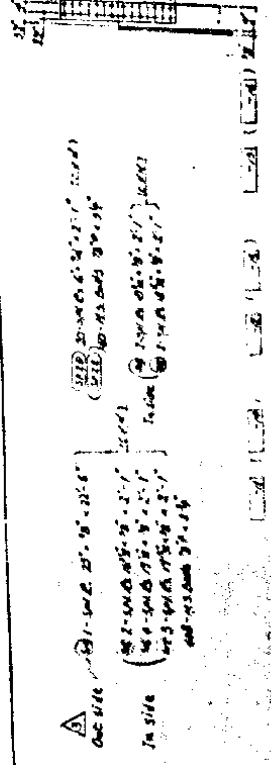
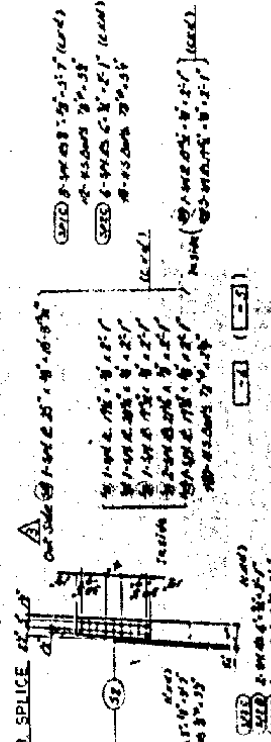
DIMENSION TABLE	
LETTER	DESCRIPTION
A	27'-6"
B	27'-0"
C	27'-0"
D	27'-0"
E	27'-0"
F	27'-0"
G	27'-0"
H	27'-0"



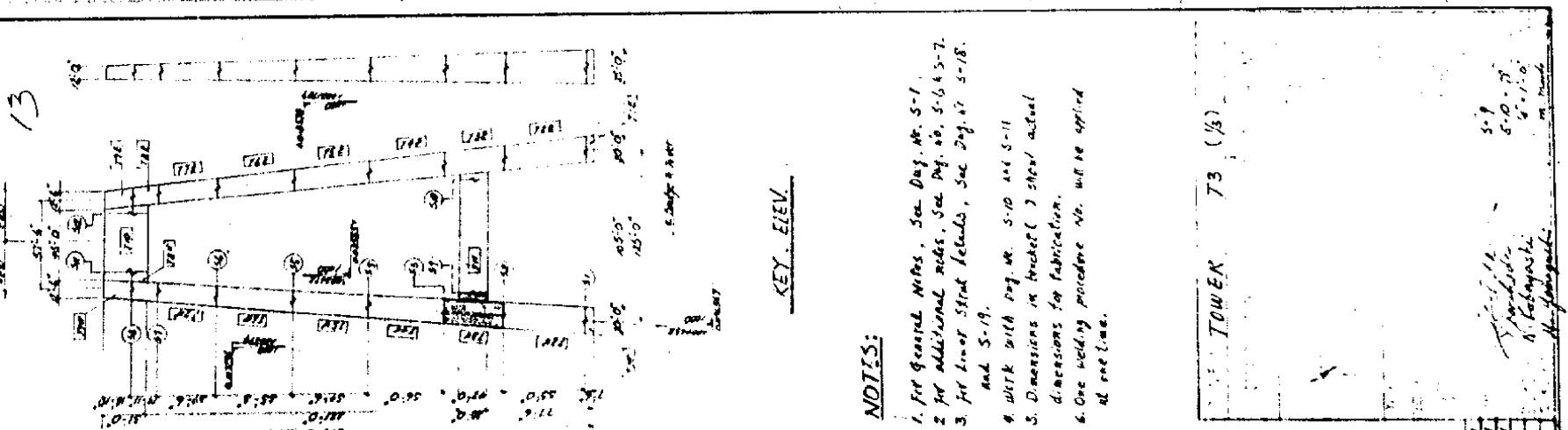
SECTION 73

5-8
5-10-73
N. J. ...

5-8
5-10-73
N. J. ...



SECTION 73

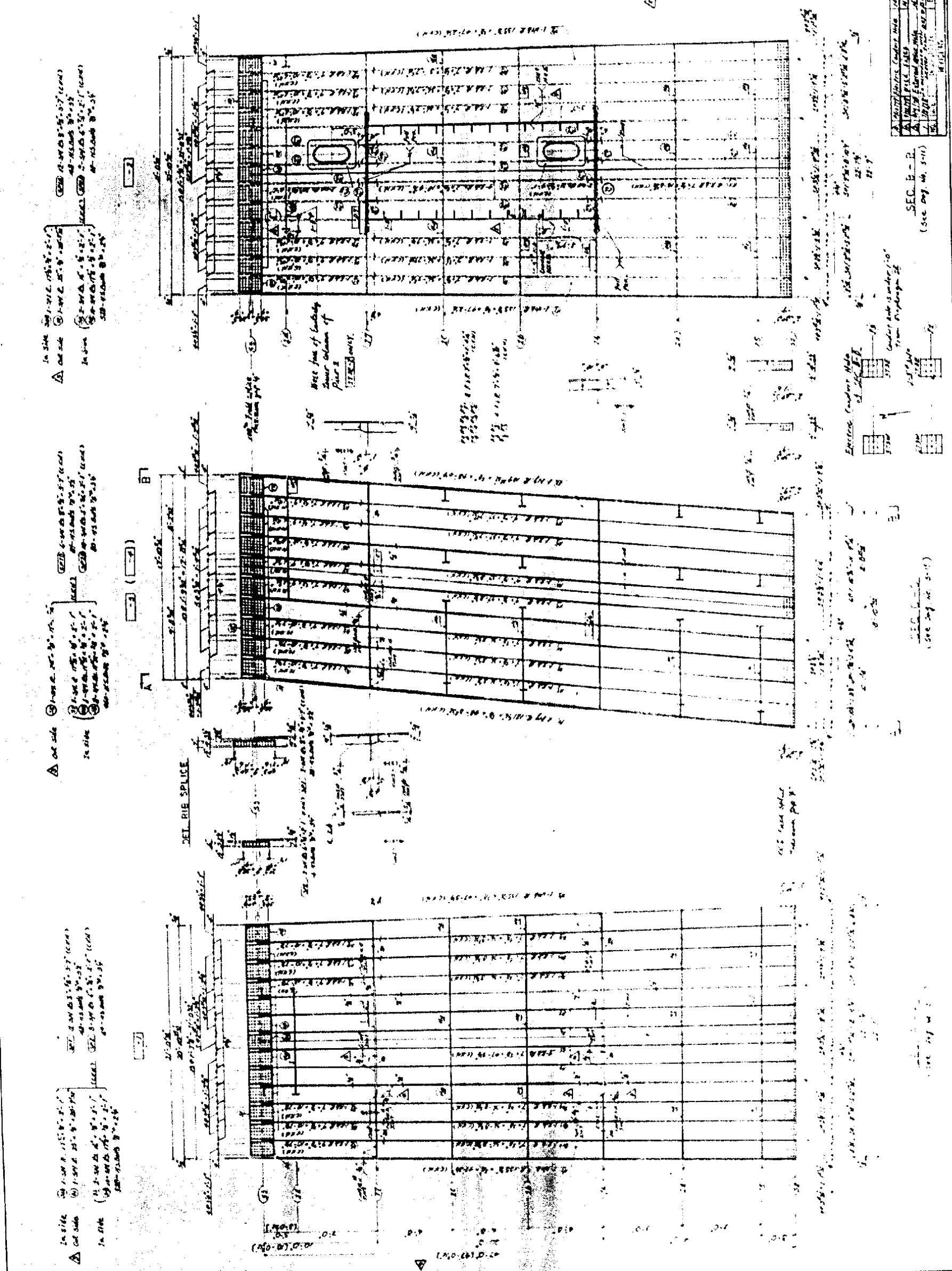


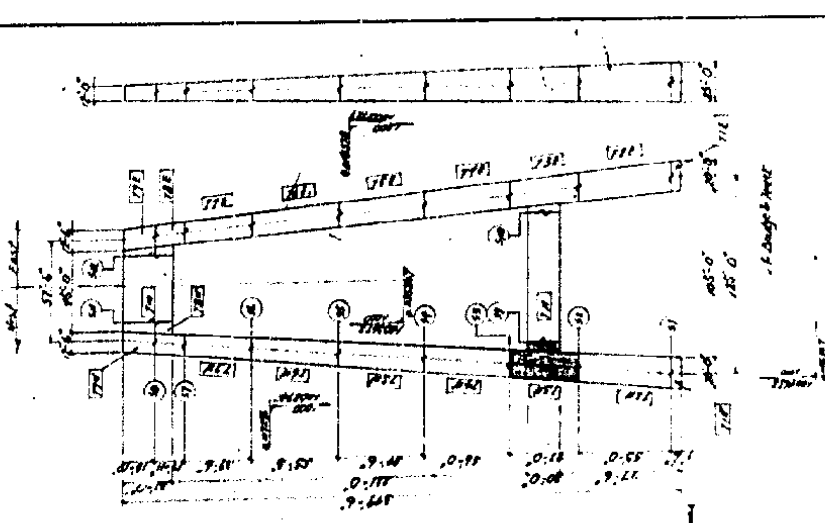
- NOTES:**
1. For General Notes, See Day No. 5-1
 2. For additional notes, See Day No. 5-6A-5-7
 3. For lower steel details, See Day No. 5-18 and 5-19.
 4. Work with Day No. 5-10 and 5-11
 5. Dimensions in brackets () show actual dimensions for fabrication.
 6. One welding procedure No. will be applied at rectline.

TOWER 73 (1/2)

APPROXIMATE QUANTITY	14.1
UNIT PRICE	14.1
TOTAL ESTIMATED COST	200.00
REMARKS	

SEC. B - P.
(see day no. 5-11)





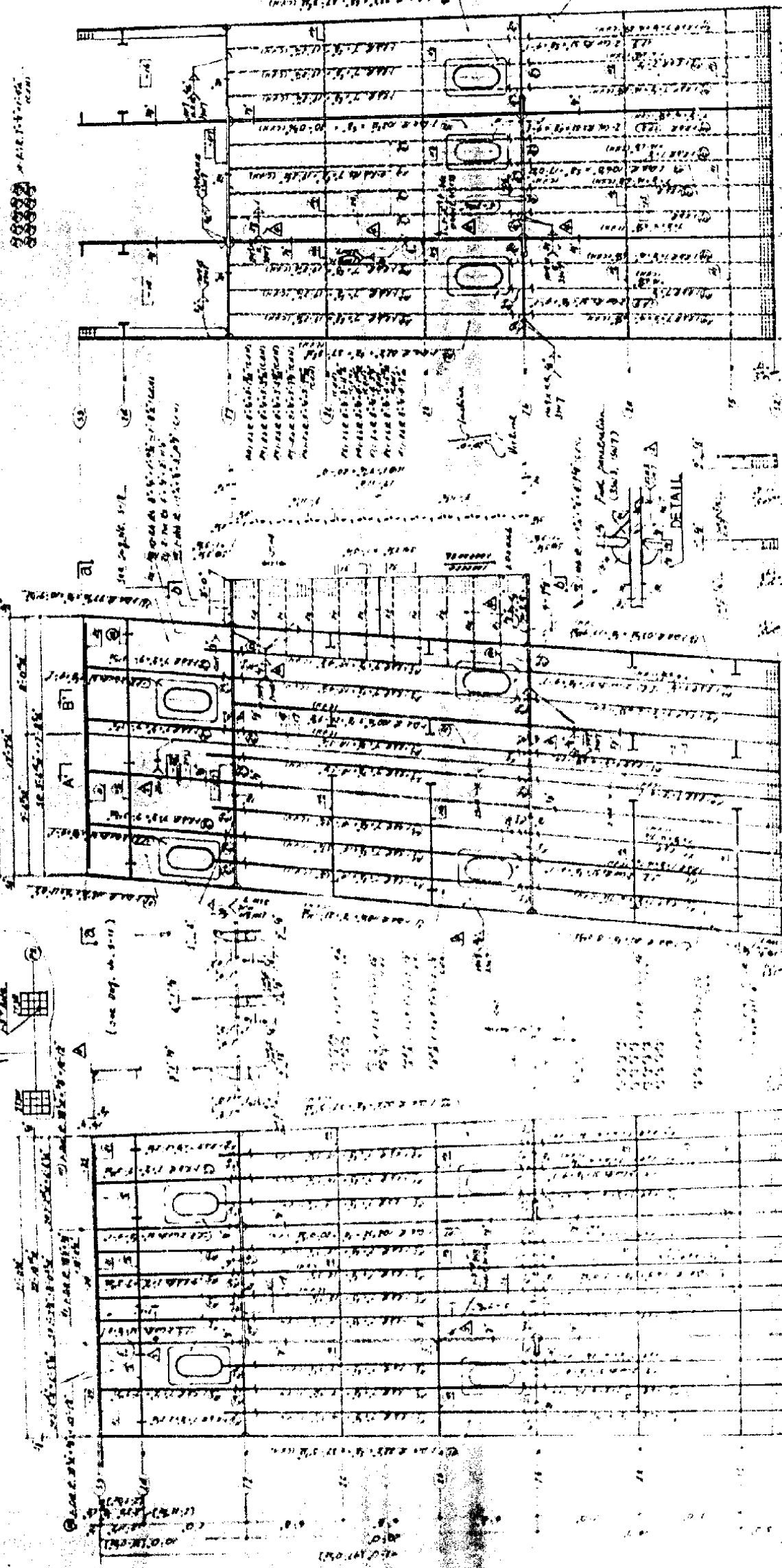
KEY ELEV.

NOTES:

1. For General Notes, See Det. No. S-1
2. For additional Notes, See Det. No. S-6457
3. For Lower Steel Details, See Det. No. S-18 and S-19.
4. W.I.R. with Det. No. S-9, and S-11.
5. Dimensions in bracket () show actual dimensions for fabrication.
6. One welding procedure No. will be applied of the tower.

TOWER T3 (25)

DATE	5-10-77
BY	...
CHECKED	...
APPROVED	...

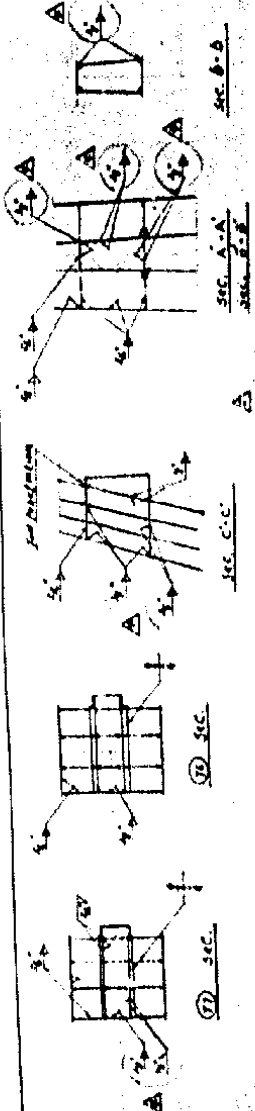


1	W.I.R.	...
2	...	...
3	...	...
4	...	...
5	...	...

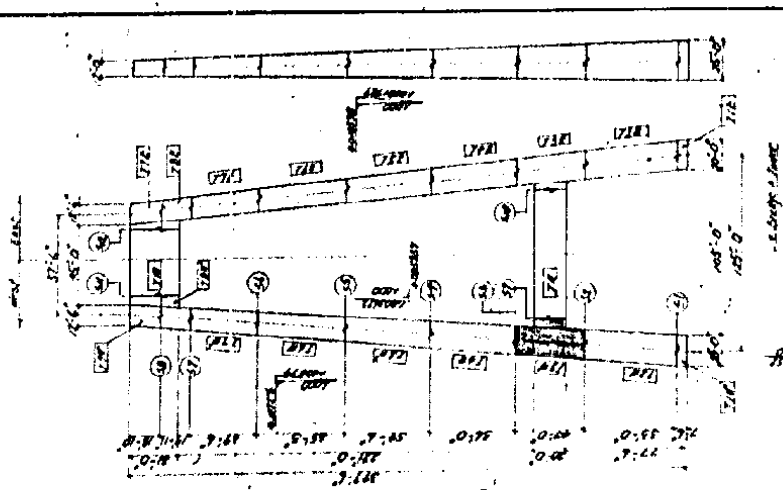
SEC. B-B
(See Det. No. S-11)



DET. COMPLETE S.E.E.T.



1/4" COMB. AREA B.W. EXACTLY OVER CENTER OF L.S.C. (SEE DET. S-11)



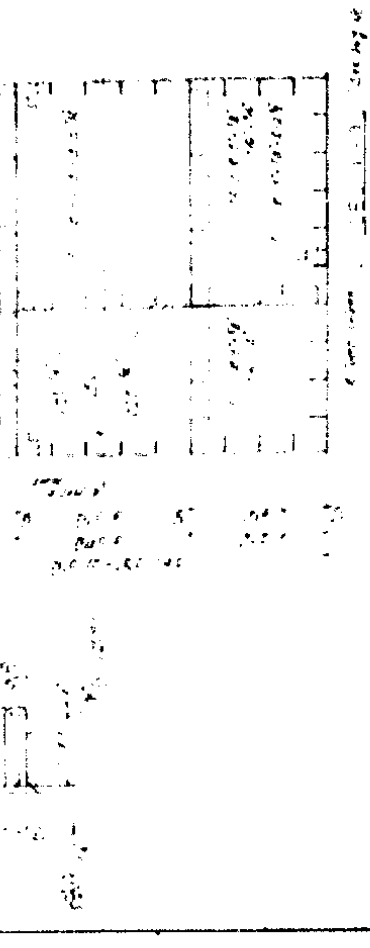
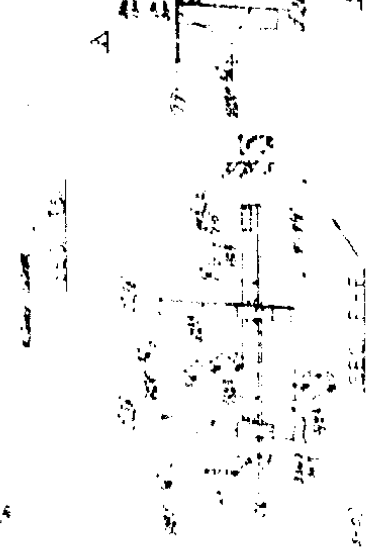
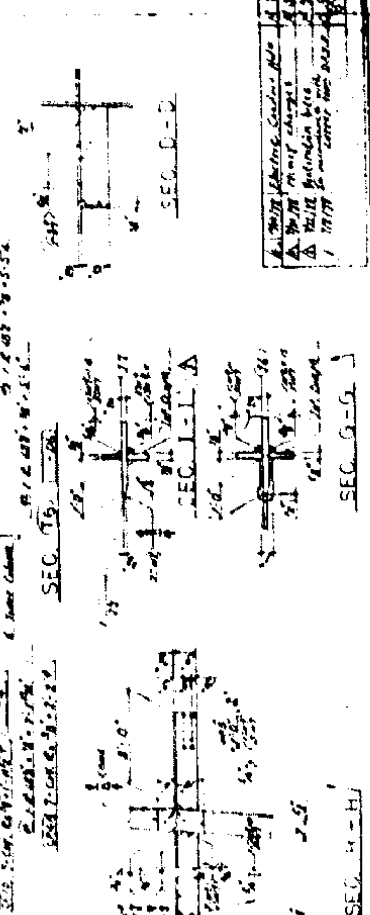
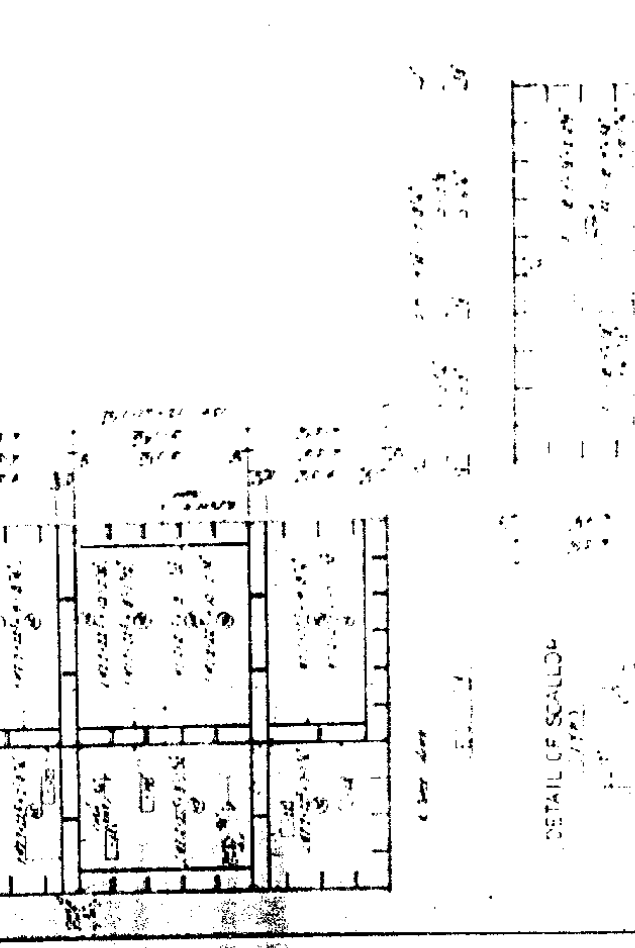
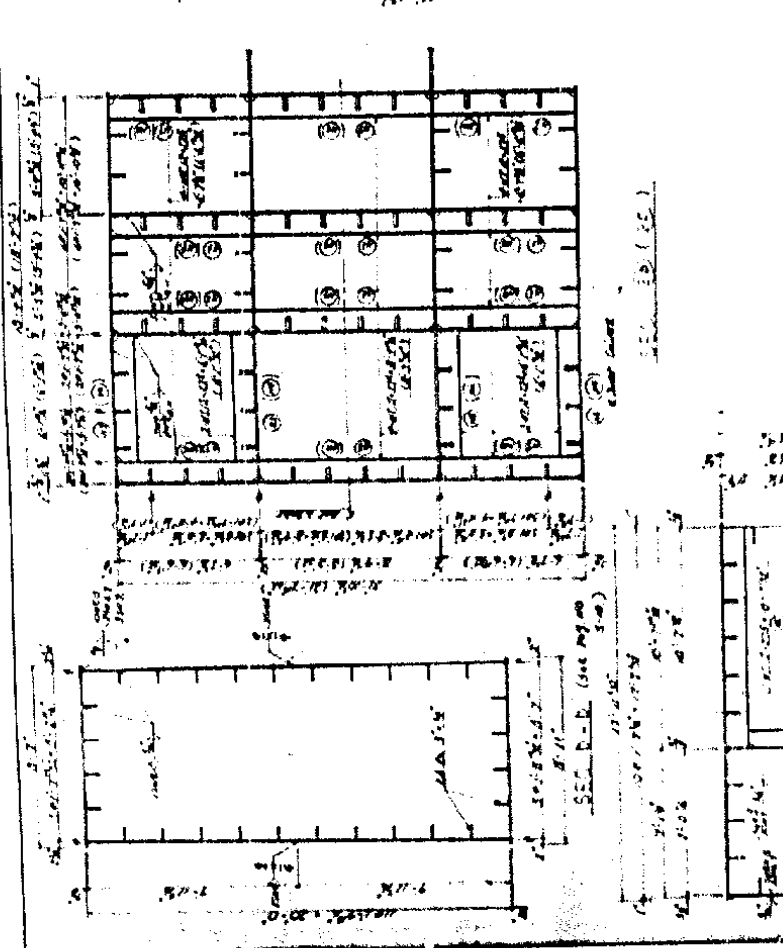
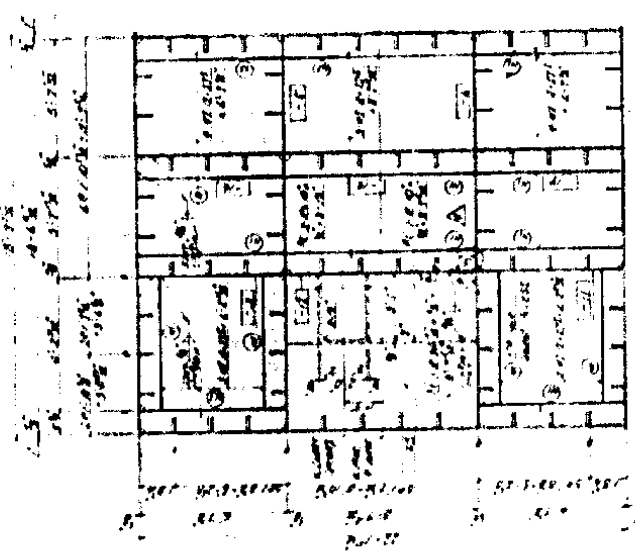
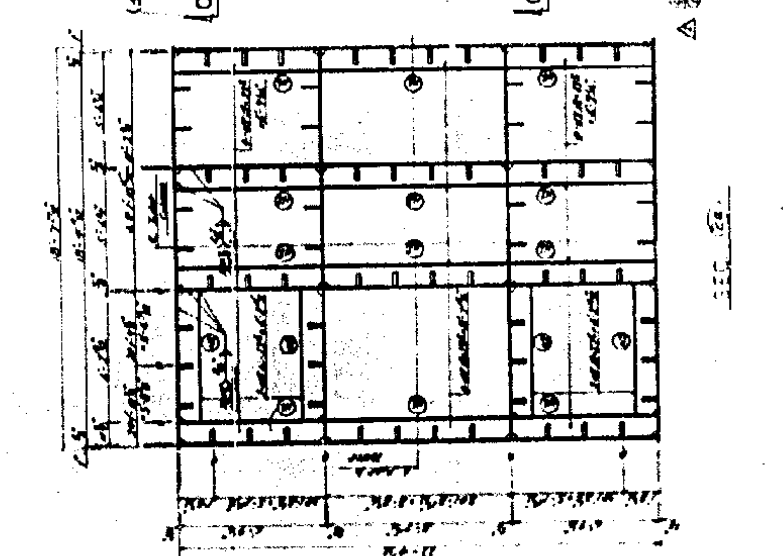
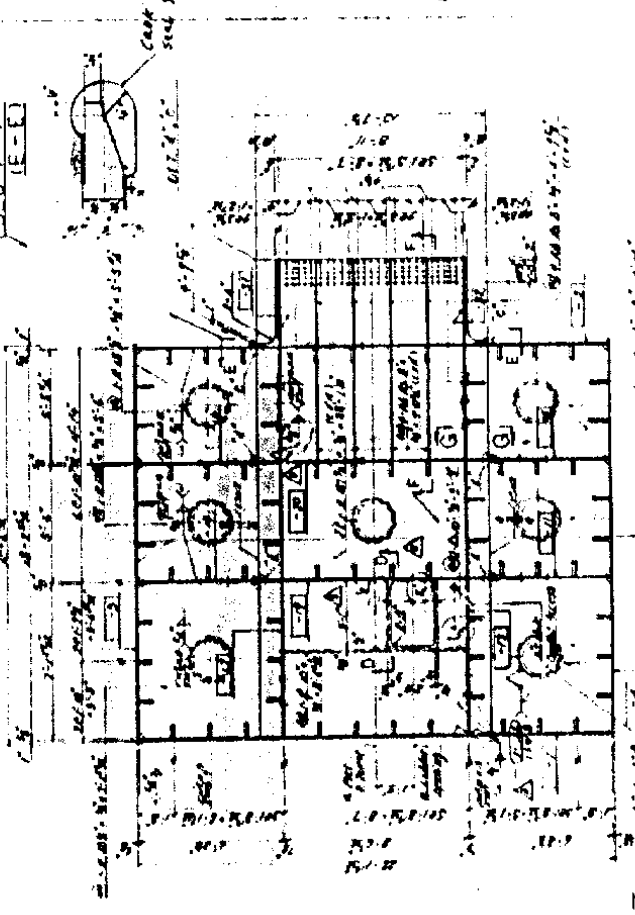
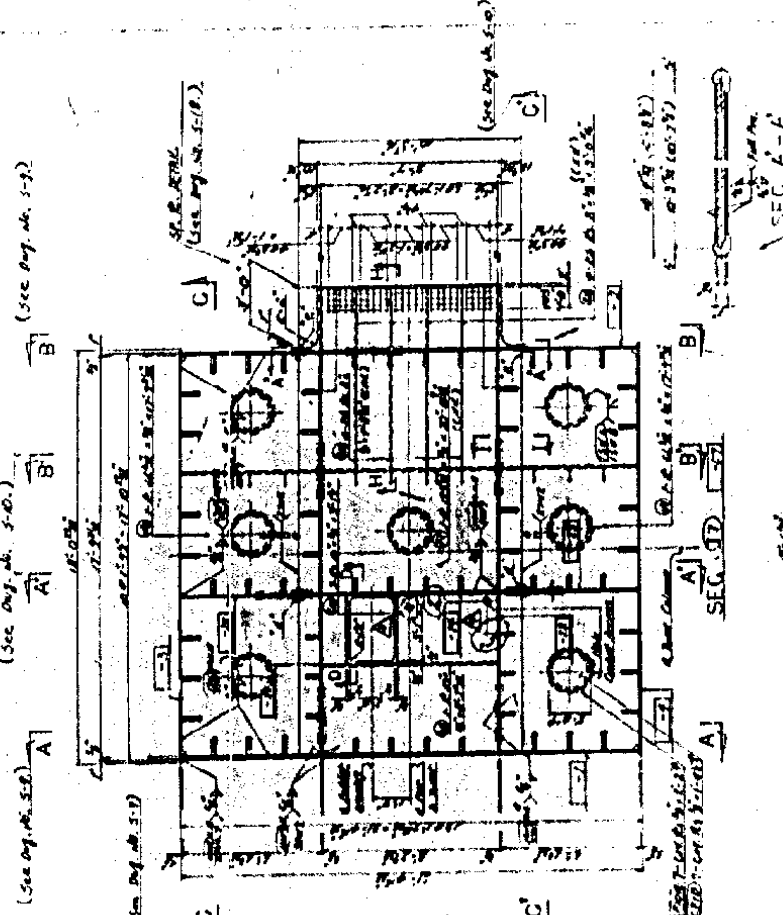
NOTES:

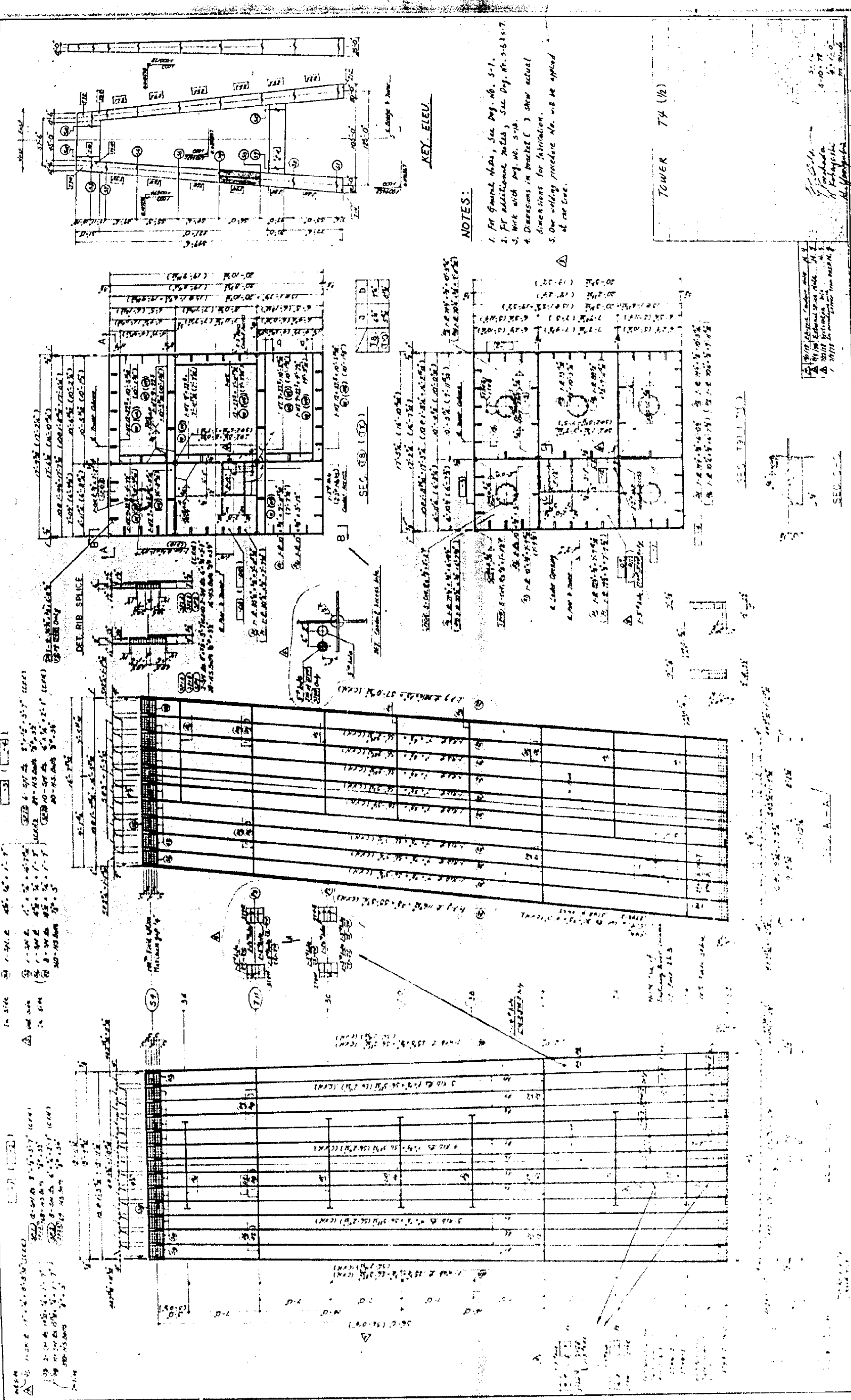
1. Fit general notes, See Proj. No. S-1.
2. Fit additional notes, See Proj. No. S-1.
3. Fit tower steel details, See Proj. No. S-1, and S-19.
4. Work with Proj. No. S-1 and S-10.
5. One welding procedure No. will be applied at one time.

75 (38)

TOWER
PROJECT
DATE
SCALE
BY
CHECKED
APPROVED
DATE

5-11
5-10-71
5-10-71
5-10-71





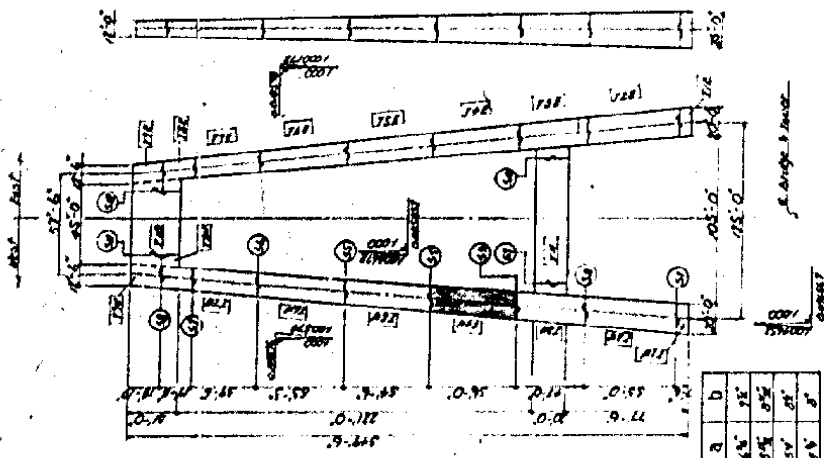
NOTES:

1. Fit frame first, see Proj. No. 5-1.
2. For additional notes, see Proj. No. 5-615-7.
3. Work with Proj. No. 5-10.
4. Dimensions in brackets () show actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

KEY ELEV.

TOWER 74 (1/2)

1. 1/2" dia. rivets
 2. 1/2" dia. rivets
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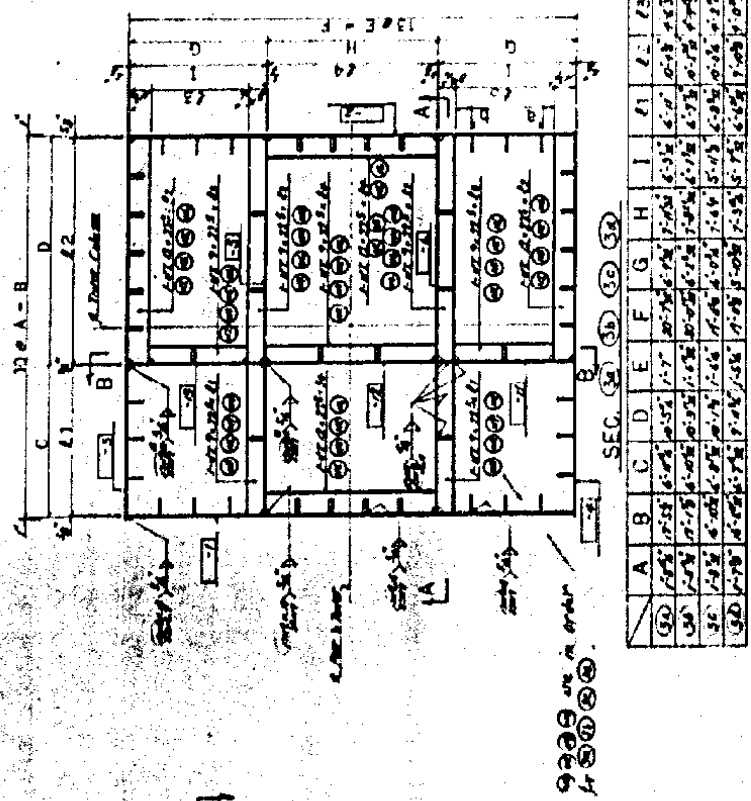
KEY ELEV.

NOTES:

1. Fit General Notes, See Proj. No. S-1.
2. For additional notes, See Proj. No. S-1.
3. All work with Proj. No. S-1.
4. Dimensions in brackets () show actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

TOWER 74 (34)

1. 1/2" Plate
 2. 1/2" Plate
 3. 1/2" Plate
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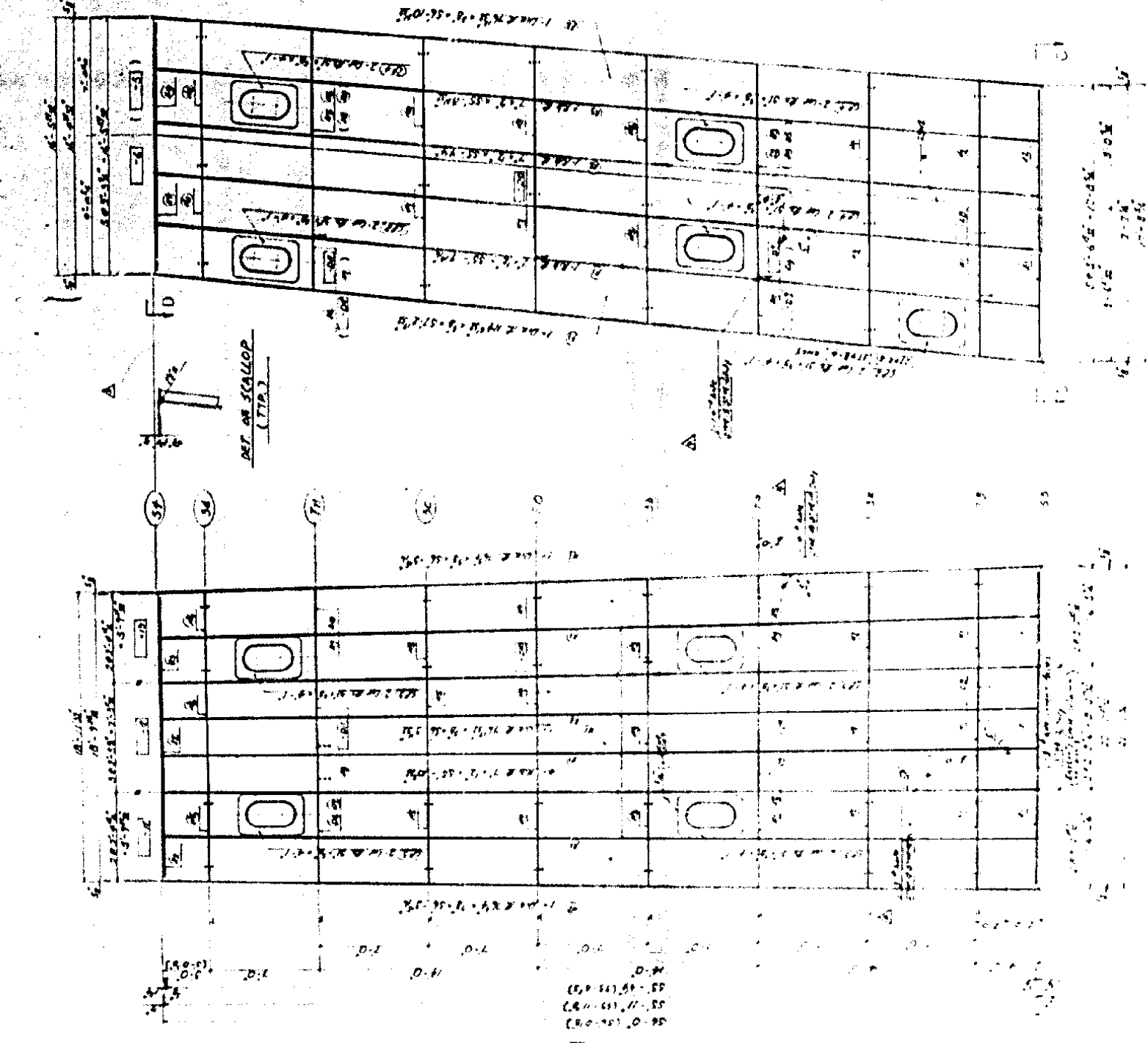
KEY ELEV.

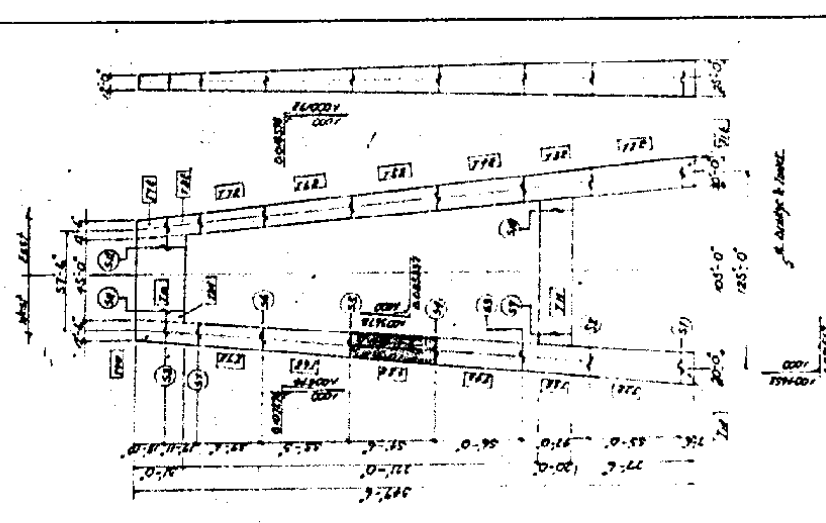
NOTES:

1. Fit General Notes, See Proj. No. S-1.
2. For additional notes, See Proj. No. S-1.
3. All work with Proj. No. S-1.
4. Dimensions in brackets () show actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

TOWER 74 (34)

1. 1/2" Plate
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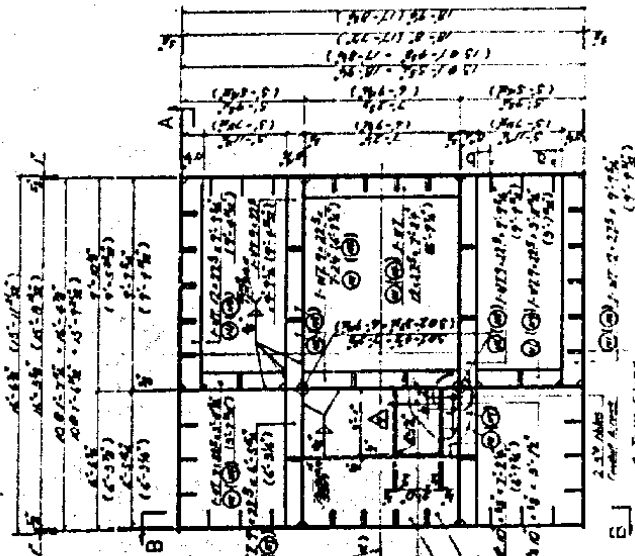
KEY. ELEV.

NOTES:

1. Fit General Notes, See Dwg. No. S-1.
2. Fit additional notes, See Dwg. No. S-1.
3. Work with Dwg. No. S-1.
4. Dimensions in brackets () show actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

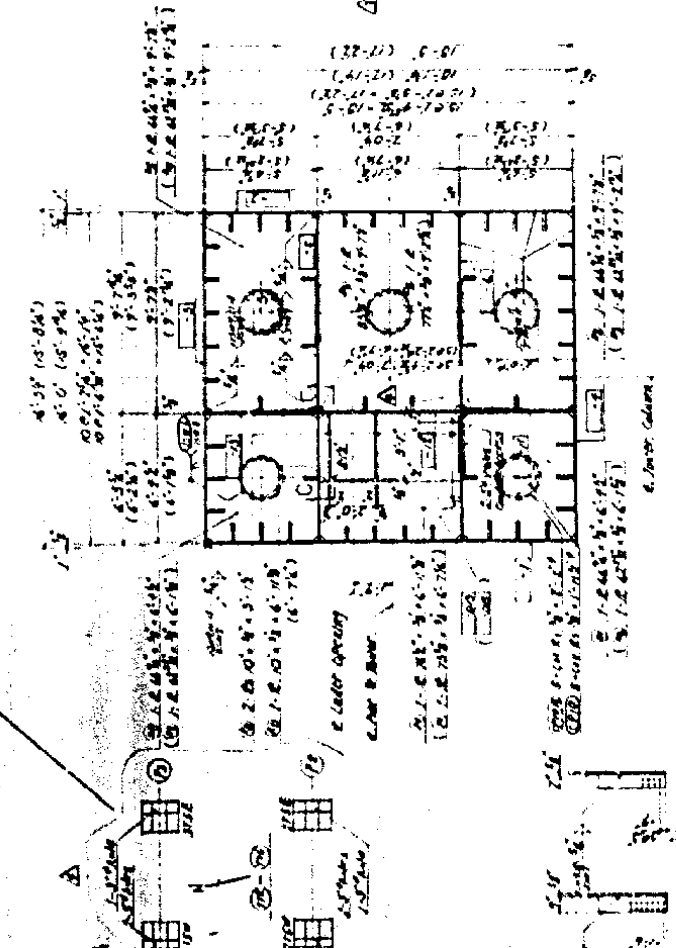
TOWER 75 (1/4)

DATE	BY	CHECKED
5-10-77	W. K. ...	...



A	B	C	D
17A	17B	17C	17D

SEC. 110 (1/4)



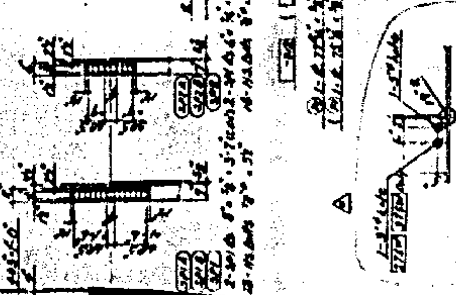
SEC. 110 (1/4)



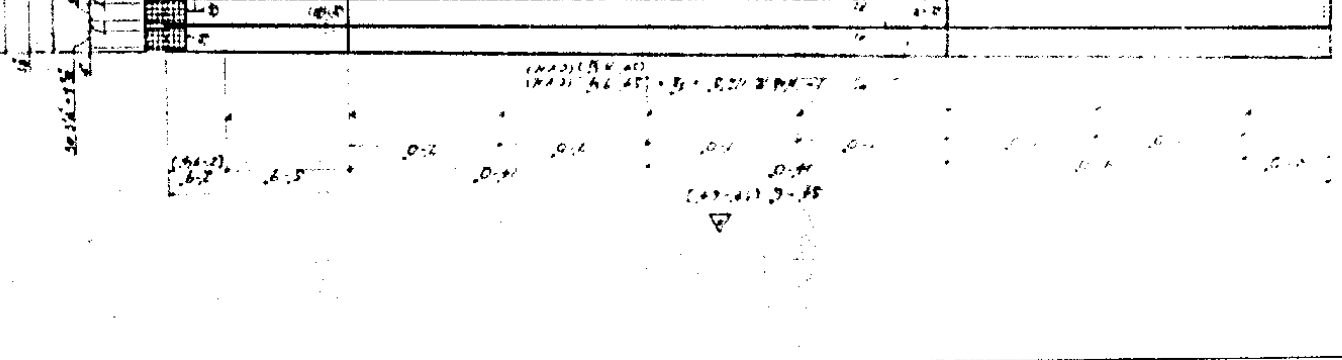
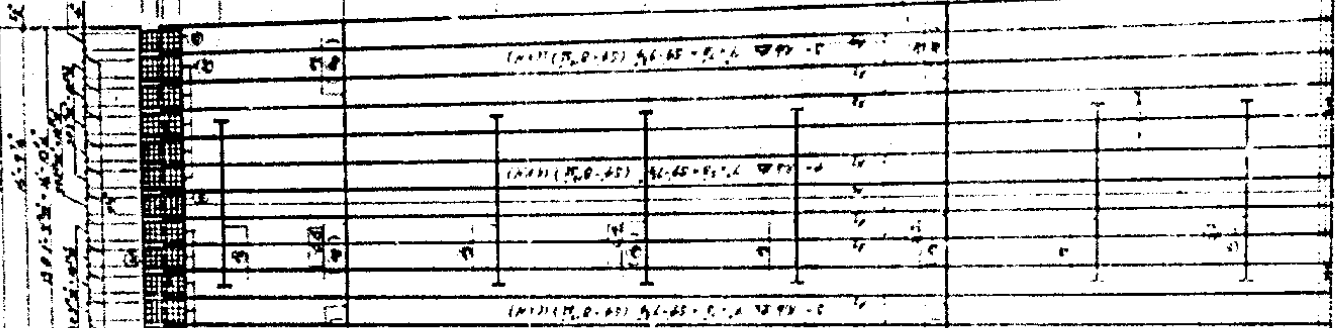
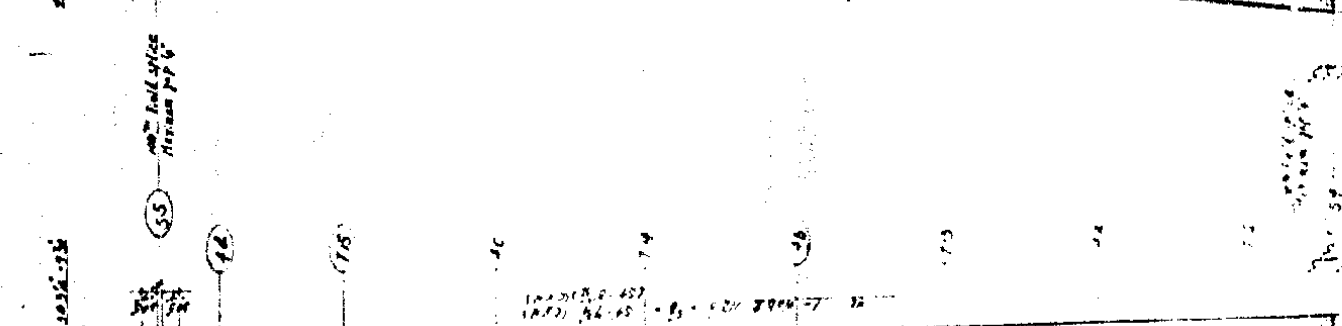
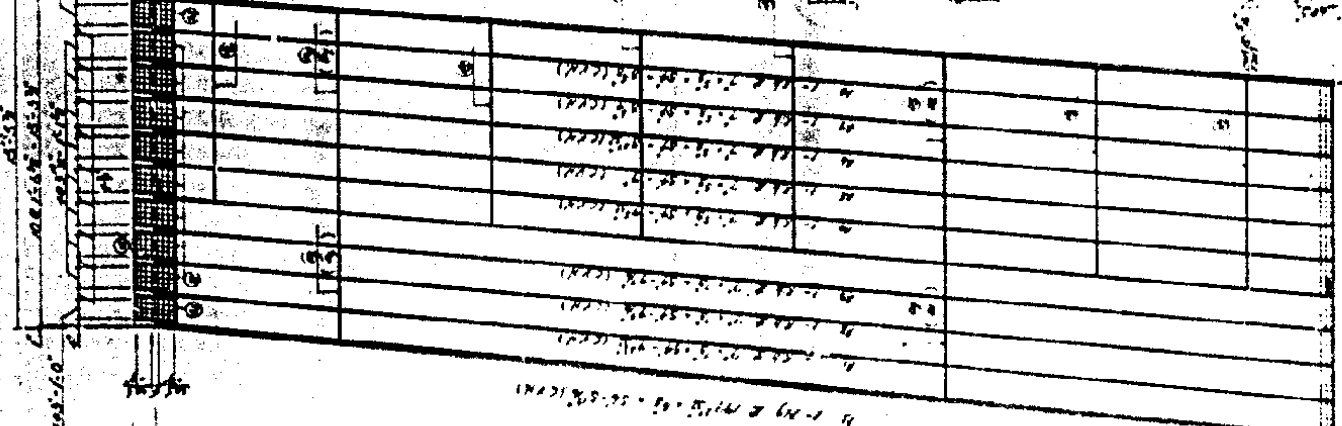
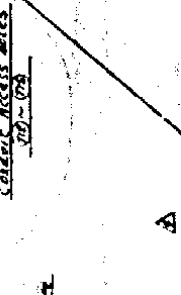
DATE	BY	CHECKED
5-10-77	W. K. ...	...

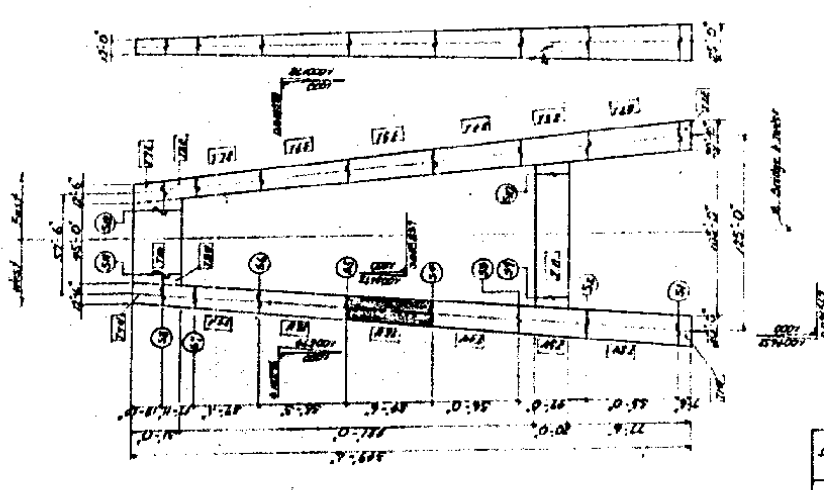
- ① 1-3/4" x 25'-0" x 1/2" (1000)
- ② 2-3/4" x 25'-0" x 1/2" (1000)
- ③ 3-3/4" x 25'-0" x 1/2" (1000)
- ④ 4-3/4" x 25'-0" x 1/2" (1000)
- ⑤ 5-3/4" x 25'-0" x 1/2" (1000)
- ⑥ 6-3/4" x 25'-0" x 1/2" (1000)
- ⑦ 7-3/4" x 25'-0" x 1/2" (1000)
- ⑧ 8-3/4" x 25'-0" x 1/2" (1000)
- ⑨ 9-3/4" x 25'-0" x 1/2" (1000)
- ⑩ 10-3/4" x 25'-0" x 1/2" (1000)
- ⑪ 11-3/4" x 25'-0" x 1/2" (1000)
- ⑫ 12-3/4" x 25'-0" x 1/2" (1000)
- ⑬ 13-3/4" x 25'-0" x 1/2" (1000)
- ⑭ 14-3/4" x 25'-0" x 1/2" (1000)
- ⑮ 15-3/4" x 25'-0" x 1/2" (1000)
- ⑯ 16-3/4" x 25'-0" x 1/2" (1000)
- ⑰ 17-3/4" x 25'-0" x 1/2" (1000)
- ⑱ 18-3/4" x 25'-0" x 1/2" (1000)
- ⑲ 19-3/4" x 25'-0" x 1/2" (1000)
- ⑳ 20-3/4" x 25'-0" x 1/2" (1000)
- ㉑ 21-3/4" x 25'-0" x 1/2" (1000)
- ㉒ 22-3/4" x 25'-0" x 1/2" (1000)
- ㉓ 23-3/4" x 25'-0" x 1/2" (1000)
- ㉔ 24-3/4" x 25'-0" x 1/2" (1000)
- ㉕ 25-3/4" x 25'-0" x 1/2" (1000)

DET. RIB SPLICE



CONCRETE ACCESS RIBS





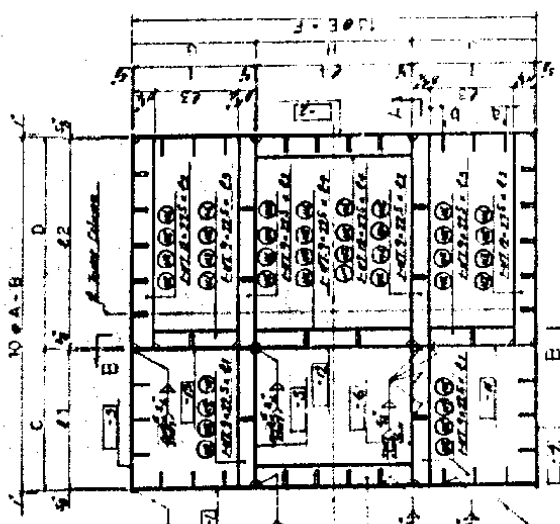
KEY ELEV.

NOTES:

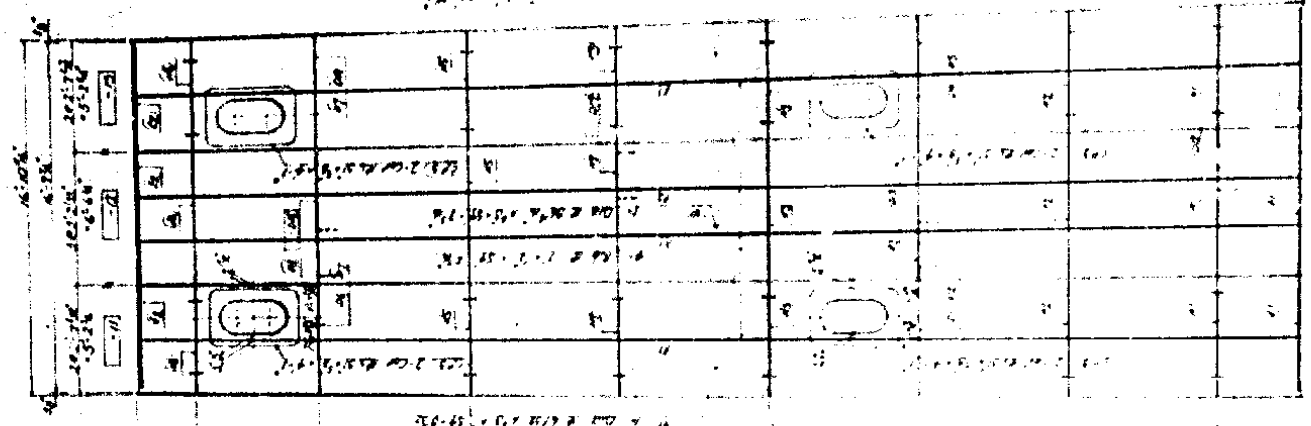
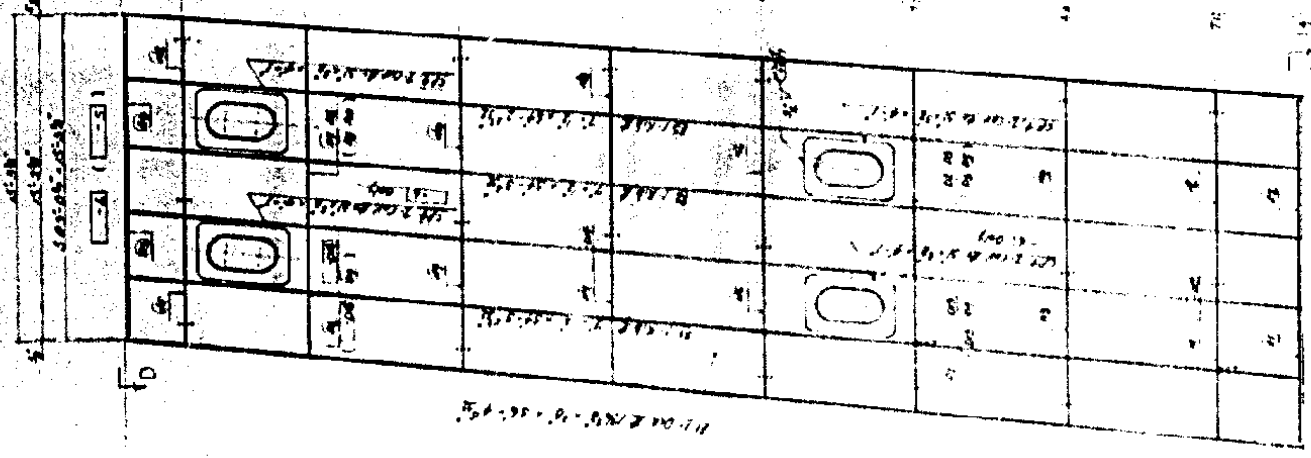
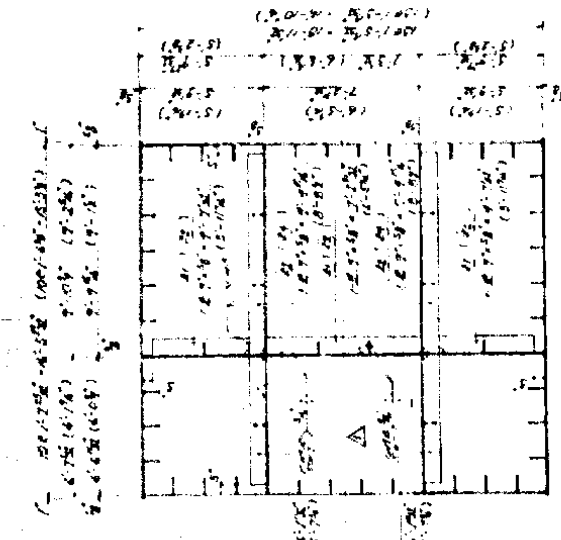
1. For General Notes, See Page No. 5-1
2. For additional notes, See Draw. 5-1-157.
3. Work with Ref. No. 5-14.
4. Dimensions in brackets are actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

TOWER 75 (92)

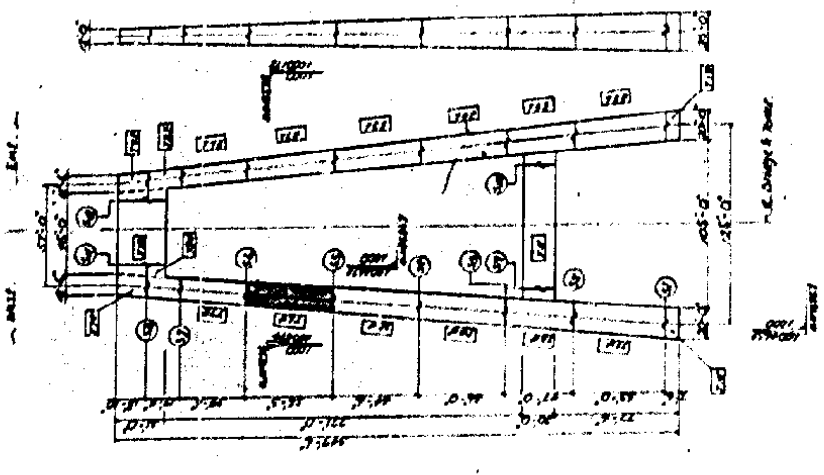
5-1-157
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 5-1-157
 5-1-157



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
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26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
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2. accordance with letter from B.O.I.D.
 3. 100% test and certificate may
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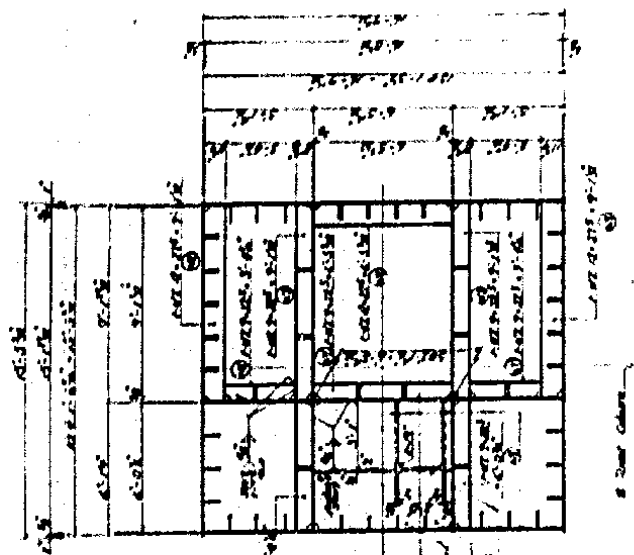


KEY ELEV.

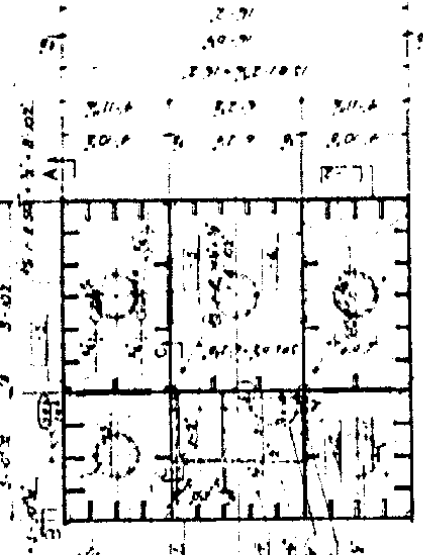
NOTES:

1. Fit General Notes, See Proj. No. S-1.
2. Fit additional notes, See Proj. No. S-68-57.
3. Work with Proj. No. S-17.
4. Dimensions in brackets show actual dimensions for fabrication.
5. See welding procedure No. will be applied at one time.

TITLE	TOWER T6 (1/2)
DESIGNER	...
CHECKED	...
DATE	...
PROJECT NO.	...
SCALE	...
BY	...
CHECKED BY	...
DATE	...
PROJECT NO.	...
SCALE	...
BY	...
CHECKED BY	...
DATE	...

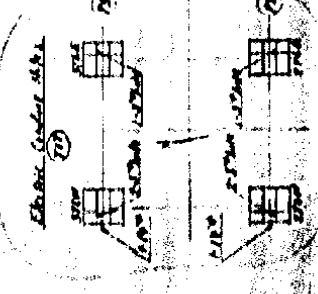
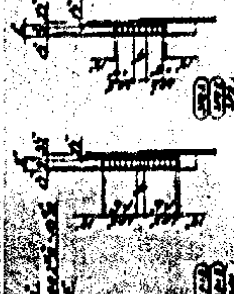


SEC. 12



SEC. 13

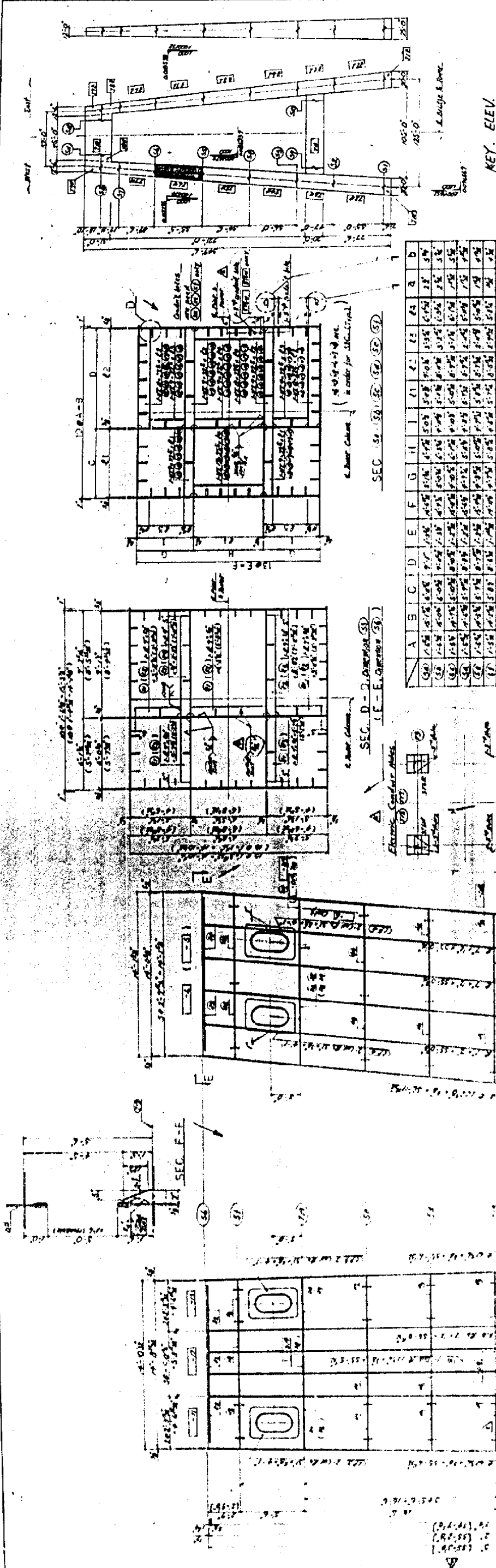
DEL RIB SPLICE



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KEY. ELEV.

NOTES:

1. For General Notes, See Proj. No. 5-1.
2. For additional Notes, See Proj. No. 5-1-1.
3. Work with Proj. No. 5-1-1b.
4. Dimensions in brackets () show actual dimensions for fabrication.
5. One welding procedure No. will be applied at one time.

TOWER 76 (2/2)

DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT

MISSISSIPPI STATE UNIVERSITY

ARCHITECTURAL DEPARTMENT

1000 UNIVERSITY BLVD. N. STATION 10

MOBILE, ALA. 36688

DATE: 5-17-77

BY: [Signature]

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