

VIEW Z-Z (SAME ALL FOUR SIDES)
SCALE=10:1

HORIZONTAL & DIAGONAL BRACE DATA

BRACE MEMBER IDENTIFICATION	QUANTITY	MINIMUM OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	BRACE ANGLE	MINIMUM CROSS SECTION SQ. CM.	HOLE CENTER TO HOLE CENTER DIMENSION
Horizontal H-AB1	2	102	6	18.1	7783.58	
Horizontal H-AB2	2	102	6	18.1	6828.27	
Horizontal H-AB3	2	102	6	18.1	5973.17	
Horizontal H-AB4	6	102	6	18.1	5790.00	
Horizontal H-BC	8	102	6	18.1	5870.00	
Horizontal H-CD	8	76	6	13.2	5870.00	
Horizontal H-DE	8	76	6	13.2	5870.00	
Horizontal H-EF	8	76	5	11.2	5870.00	
Horizontal H-FG	8	76	5	11.2	5870.00	
Horizontal H-GH	8	76	5	11.2	5870.00	
Diagonal D-AB1	4	102	6	18.1	9232.68	
Diagonal D-AB2	4	102	6	18.1	7388.22	
Diagonal D-AB3	8	102	6	18.1	6936.61	
Diagonal D-BC	8	102	6	18.1	7762.94	
Diagonal D-CD	8	76	6	13.2	7762.94	
Diagonal D-DE	8	76	6	13.2	7762.94	
Diagonal D-EF	8	76	5	11.2	7762.94	
Diagonal D-FG	8	76	5	11.2	7762.94	
Diagonal D-GH	8	76	5	11.2	7762.94	

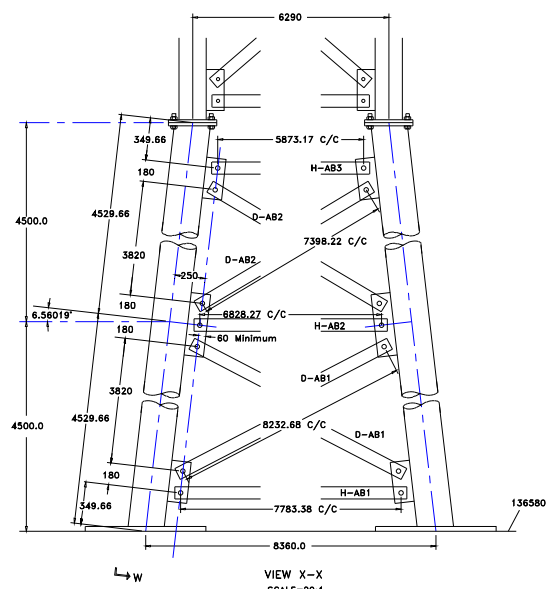
COLUMN & BRACE PLATE DATA

COLUMN IDENTIFICATION	QUANTITY	MINIMUM OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	COLUMN LENGTH	COLUMN WEIGHT	BRACE PLATE THICKNESS	BRACE BOLT DIAMETER
AB	4	298	8	5735	1588.6	20	42
BC	4	225	8	5750	1185.2	20	36
CD	4	225	6	5755	995.5	20	36
DE	4	152	8	5760	784.5	20	30
EF	4	152	6	5765	604.7	15	30
FG	4	152	5	5770	507.8	15	24
GH	4	152	4	5770	409.0	15	24

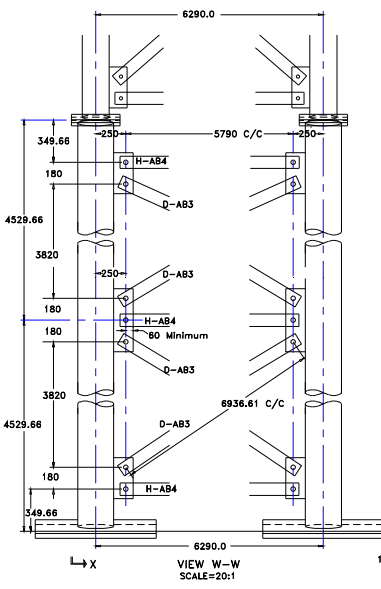
BASEPLATE DATA

BASEPLATE IDENTIFICATION	QUANTITY	BASEPLATE THICKNESS	HOLE PATTERN C/C	BASEPLATE OUTSIDE DIMENSION	BASEPLATE BOLT DIAMETER	BASEPLATE BOLT LENGTH
A	4	40	L	1000	36	100
B	8	25	310	400	30	80
C	8	25	220	310	24	80
D	8	20	220	310	24	80
E	8	20	200	280	20	70
F	8	15	170	250	16	50
G	8	15	170	250	16	50
H	4	15	170	250	16	16

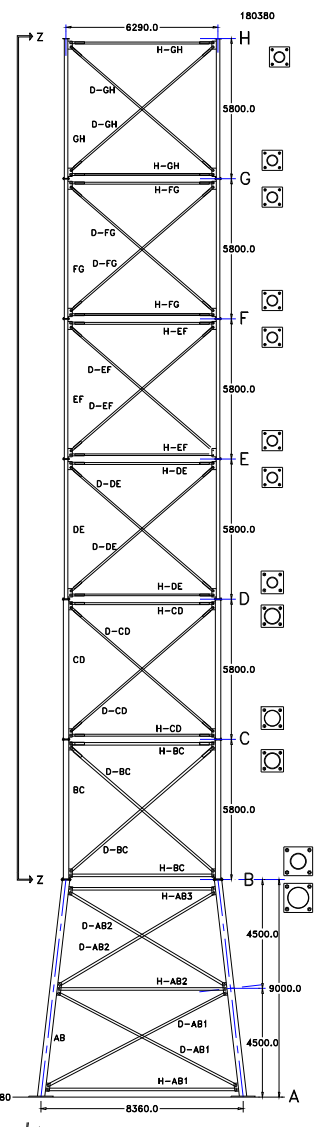
GENERAL NOTES:
 All horizontal and diagonal braces have angle ends
 Attach all diagonal braces where they cross with heavy "U" bolts
 All fasteners for Support Tower must have minimum tensile/shear strength of 3500 kgs./sq.meter
 All component interfaces to be continuously welded to match strength of lesser component



VIEW X-X
SCALE=20:1



VIEW W-W
SCALE=20:1



ELEVATION VIEW
SCALE=100:1
BASEPLATE SCALE = 3X

REVISION	DATE	DESCRIPTION

KIEV-ATLANTIC UKRAINE FARM CENTER

LEG SUPPORT TOWER FOR BUCKET ELEVATORS E1-E2-E3

San Diego, California
619-552-8230

SCALE: AS SHOWN	JOB REF: 4528
DATE: 27 JAN 96	CAD FILE: 95457
SHT NO: ONE OF ONE	DRN BY: LED
DWG NO: D96-901	REV: 0