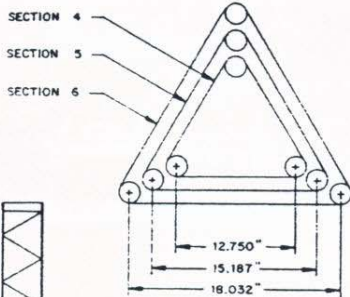
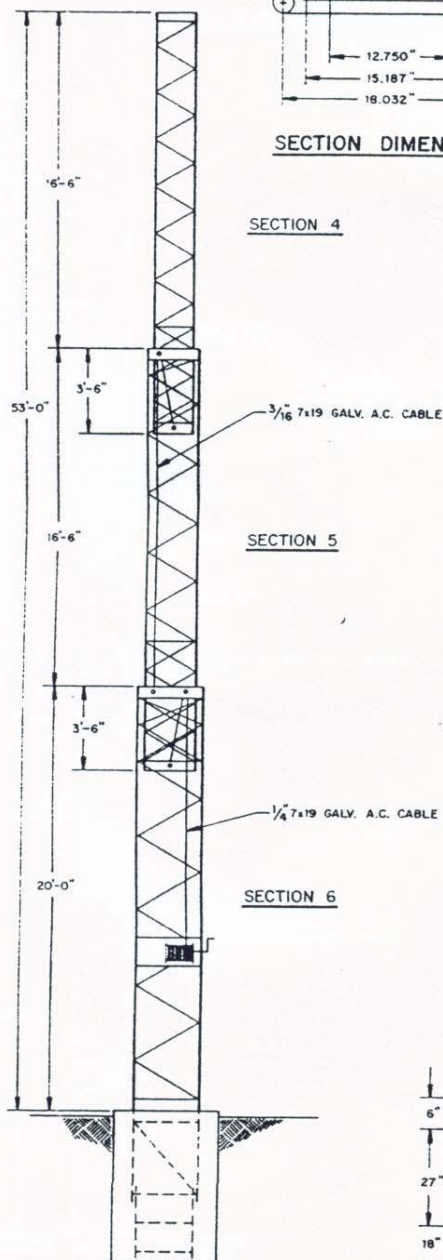


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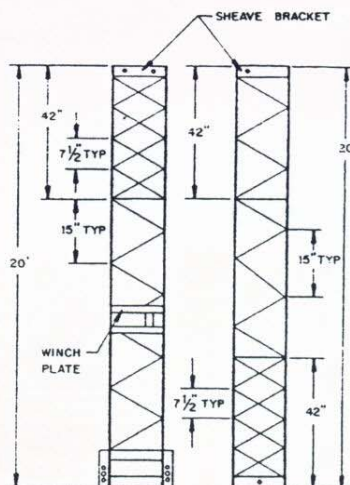
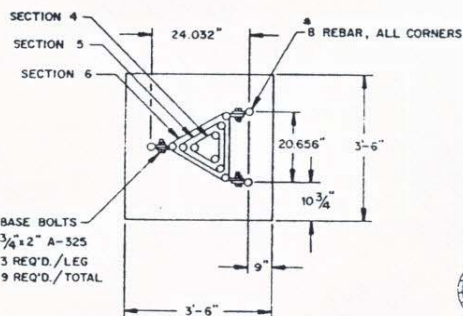


SECTION DIMENSIONS

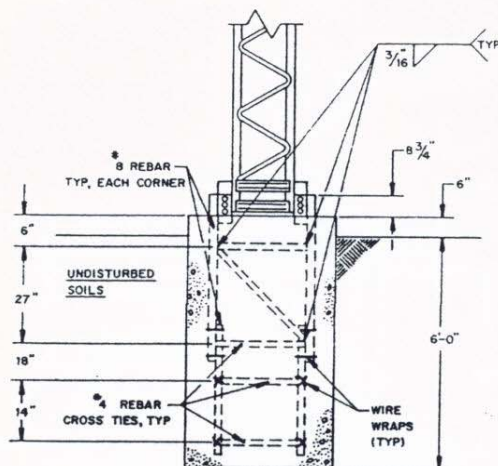
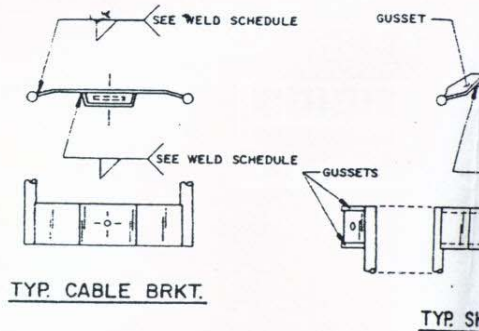
SECTION 4



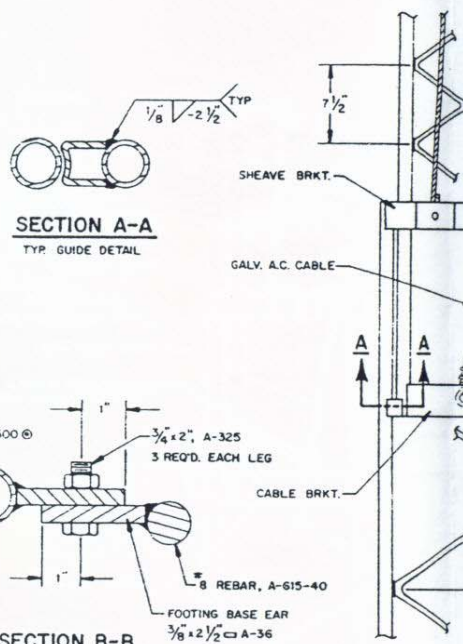
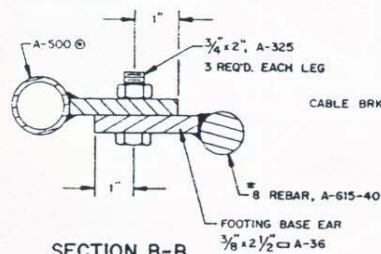
TOWER ELEVATION

SECT. 6 SECT. 4 & 5
BRACE CONFIGURATION

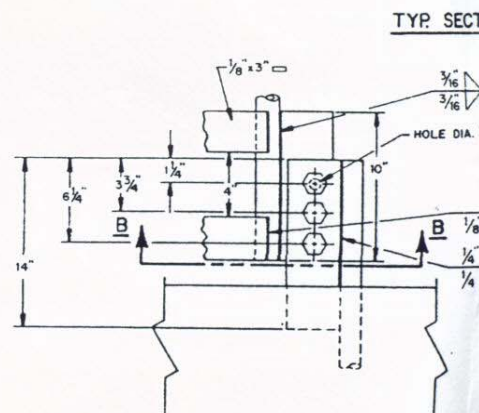
TOP VIEW

ELEVATION VIEW
FOUNDATION DETAIL

TYP. CABLE BRKT.

SECTION A-A
TYP. GUIDE DETAIL

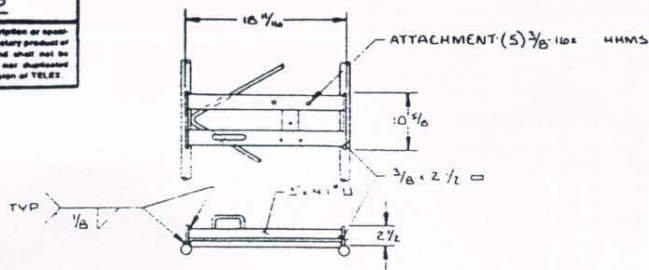
SECTION B-B



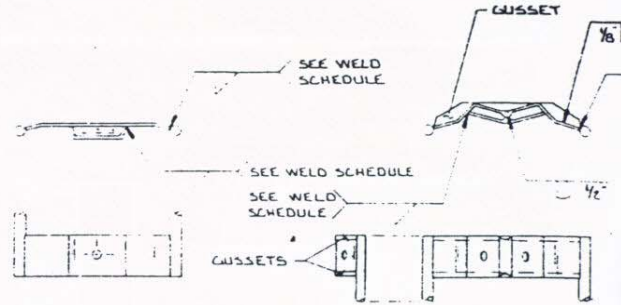
BASE CONNECTION DETAIL

130-2

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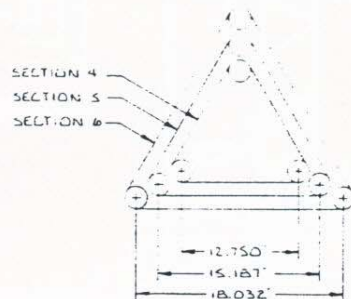


WINCH MOUNTING DETAIL

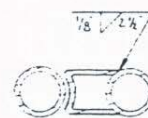


TYP. CABLE BRACKET

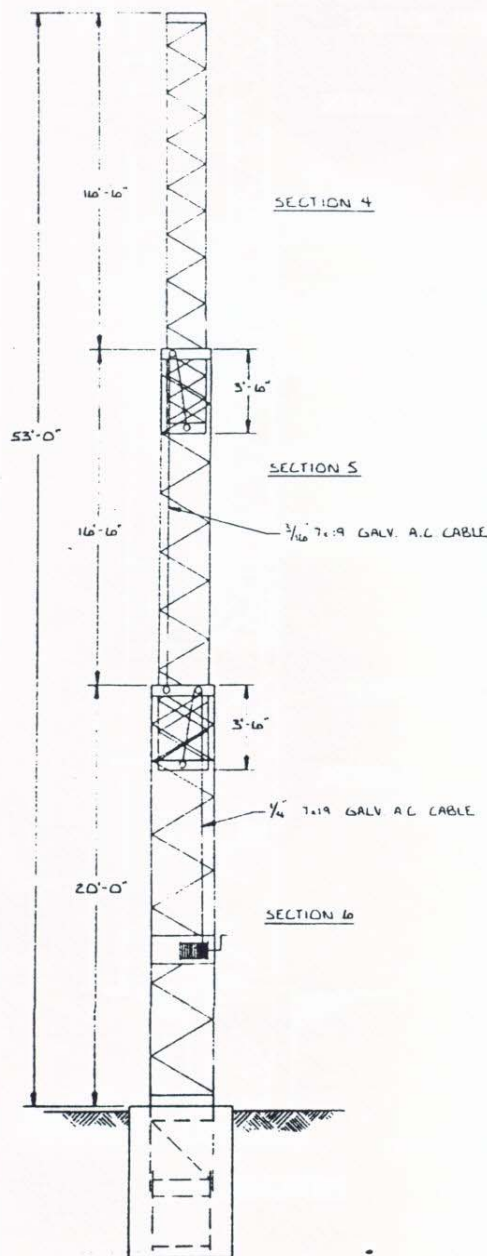
TYP. SHEAVE BRACKET



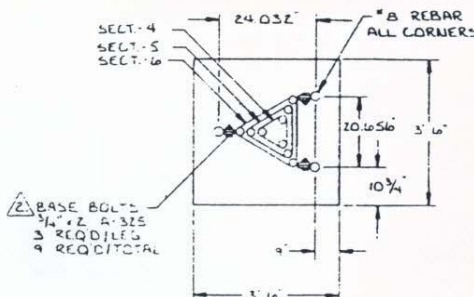
SECTION DIMENSIONS



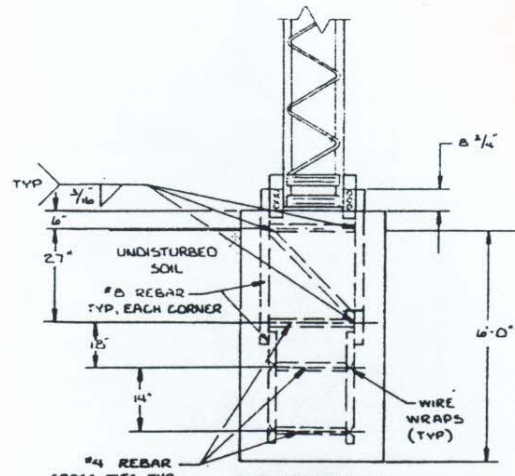
SECTION A-A
GUIDE DETAIL TYP



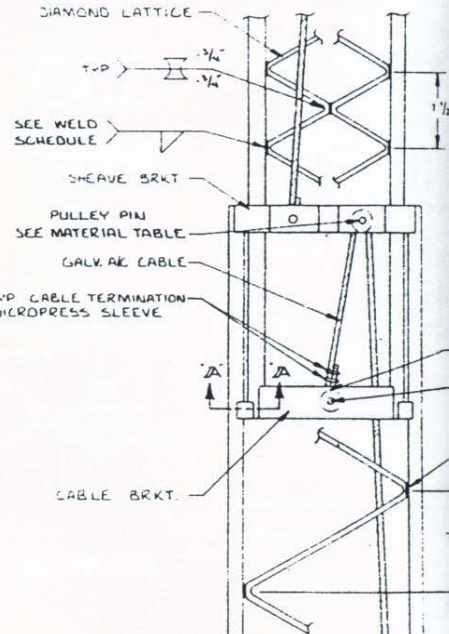
TOWER ELEVATION



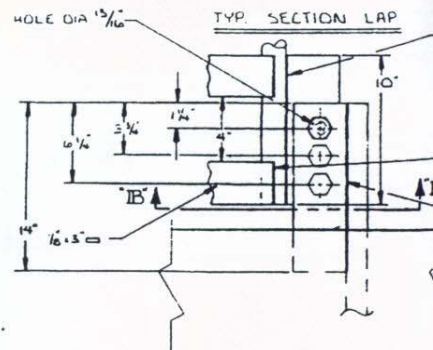
TOP VIEW

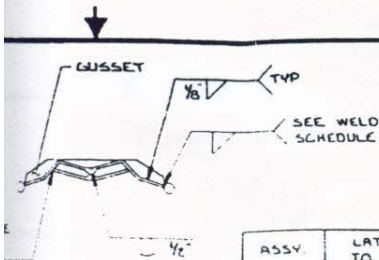


ELEVATION VIEW
FOUNDATION DETAIL



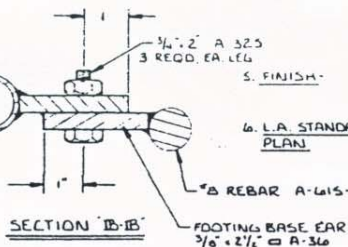
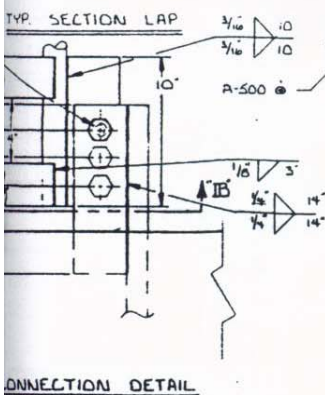
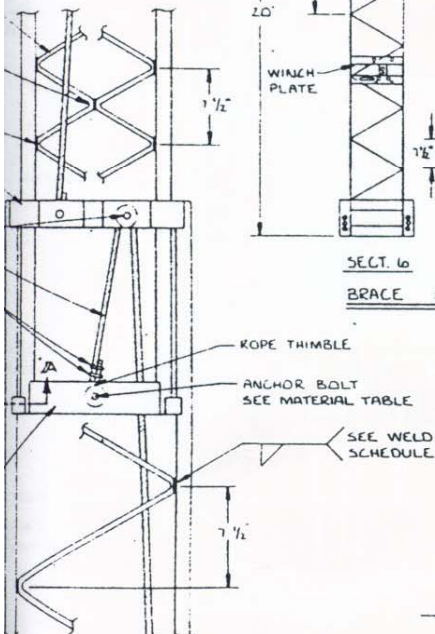
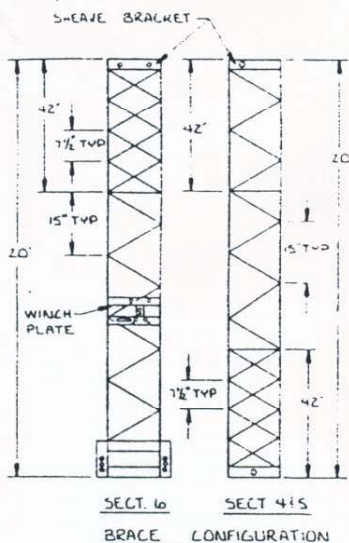
BASE CONNECTION DETAIL





ASSY.	LATTICE TO LEG	END BRACES/BRACKETS TO LEG
SECT. 4	3/16" - 1"	1/8" - 3"
SECT. 5	3/16" - 1"	1/8" - 3"
SECT. 6	3/16" - 1 1/4"	1/8" - 3"

WELD SCHEDULE



ITEM	SPECIFICATIONS	SECTION #4	SECTION #5	SECTION #6
SECTION LEGS	ASTM A-500 X	1" O.D. x 3.95" W	1 1/4" O.D. x 1.20" W	1.50" O.D. x 1.34" W
DIAG. A-1, N6	ASTM A-36	3/16" DIA	3/16" DIA	1/2" DIA
END BRACING/BRACK	ASTM A-570-36	1/8" x 3" BOTH	1/8" x 3" BOTH	1/8" x 3" / 3/16" x 3"
BRACE EARS-TOWER	ASTM A-36	—	—	3/16" x 2 1/2"
BRACE EARS-FOUND.	ASTM A-36	—	—	3/16" x 2 1/2"
FOUND. REINFORCEMENT	ASTM A-615-40	—	—	#4 REBAR - SEE DETAIL
ATTACH BOLTS-FOUND	ASTM A-325	—	—	3/4" x 2" A-325 (9 REQD.)
RAISING CABLES	A/C 7.19 GALV	3/16" DIA 4700 LB BR. STR	3/16" DIA 7000 LB BR. STR	—
CABLE HARDWARE	1015 CRS PULLEY PIN 370. 1015 CRS HITCH	3/8" x 3/8"	3/8" DIA / 1/2" x 1/2"	1/2" DIA 1/2" x 1/2"
WINCH	2500 LB. MIN. RATE LOAD. AUTO. LOCKING BRAKE, 15:1 RATIO, 10:1 MECH. ADVANT.			

* CERTIFICATION TO 45,000 PSI YIELD

MATERIAL TABLE

NOTES

- GENERAL -
 - TOWER DESIGNED IN ACCORDANCE WITH LABC.
 - TOWER MANUFACTURED BY TELEX/HY-GAIN, LOS ANGELES APPROVED FABRICATOR, LICENSE NO. 1095.
- MATERIALS - ALL MATERIALS SHALL BE STRUCTURAL GRADE STEEL, CERTIFIED FOR CONFORMANCE TO THE SPECIFICATIONS AND REQUIREMENTS AS LISTED IN THE MATERIALS TABLE AND AS NOTED IN THE DETAIL NOTES OF THIS DRAWING. FOUNDATION BASE BOLTS SHALL BE A-325 AND TIGHTENED & INSPECTED BY LICENSED DEPUTY STEEL INSPECTOR APPROVED BY CITY OF L.A.
- WELDING - ALL TOWER WELDS SHALL BE IN ACCORDANCE WITH THE AWS D11.102.1 WELDING CODES AND LOS ANGELES RGA 3-77, AND SHALL BE PERFORMED IN THE LICENSED FABRICATOR'S SHOP (LICENSE 1095) BY WELDERS CERTIFIED IN ACCORDANCE WITH THE PROVISIONS AND REQUIREMENTS OF THIS LICENSE. ELECTRODE SPECIFICATIONS ARE:
 - TOWER STRUCTURE WELDS - E70-S2 OR EQUIVALENT.
 - FOOTING REINFORCEMENT STRUCTURE WELDS - E7015, OR EQUIVALENT.
- FOUNDATION - FOUNDATION CONSISTS OF SINGLE REINFORCED CONCRETE FOOTING. THE DESIGN HEREIN SPECIFIED IS FOR THE FOLLOWING COMPACT SOILS: GRAVEL, SILTY OR CLAYEY GRAVEL, WELL GRADED SAND, LEAN CLAY. INSTALLATIONS IN SOILS OF LESSER CAPACITY, OR LOOSE OR SOFT CHARACTERISTICS WILL REQUIRE ALTERNATE DESIGNS SPECIFIC FOR THE SITE CONDITIONS.
 - CONCRETE QUANTITY - 3' x 10'
 - MIX LESS THAN 7.0 GAL. OF WATER PER SACK, MINUS 5 SACKS PER YD.
 - STRENGTH - 2500 PSI, MINIMUM 28 DAYS.
 FOOTING STEEL REINFORCEMENT SHALL BE AS SPECIFIED IN THE FOOTING DETAIL AND SHALL BE POSITIONED AS SHOWN IN THE DETAIL. EARTH EXCAVATION FOR THE FOOTING SHALL BE ACCOMPLISHED SO AS TO LEAVE SOIL IMMEDIATELY ADJACENT TO THE FOOTING UNDISTURBED.
- FINISH - THE TOWER SHALL BE HOT DIP GALVANIZED PER ASTM A-123 AFTER FABRICATION.
- L.A. STANDARD PLAN -
 - L.A. CITY STANDARD PLAN NO. MISC. #415
 - STANDARD PLAN APPROVAL IS FOR STRUCTURAL ONLY. FIRE DEPT., ZONING PUBLIC WORKS & BUILDING AND SAFETY APPROVAL MAY BE NECESSARY PRIOR TO ISSUANCE OF A BUILDING PERMIT.
 - LOCATION OF TOWER MUST COMPLY WITH ALL L.A. CITY ZONING ORDINANCES.



HG-54HD

871152

QTY.	DESCRIPTION	ITEM	PART NO.	SPECIFICATION
	TOLERANCES UNLESS OTHERWISE SPECIFIED	DATE 16 JUNE 82		TELEX/HY-GAIN
	FRACTION —	DR BY BEK		TELEX COMMUNICATIONS INC. LOS ANGELES, USA
	DECIMAL —	CHK BY		TITLE
	ANGLE —	APPD. THE 9/1/82		PROD. 130-2 TOWER INSTALLATION; SPECS. FOR LOS ANGELES BUILDING CODE
	MATL.	PROD.		SIZE CODE IDENT DWG. NO.
NEXT ASSY.	USED ON	CONTRACT		D 57010 130-2
APPLICATION				SCALE ~ SHEET 1 OF 1