TASHJIAN TOWERS CORPORATION

2024 Catalog

TASHJIAN TOWERS CORPORATION
2765 S. Temperance Avenue, Fowler, Ca 93625
Office: (559) 834-4300 Fax: (559) 834-4377
Email: tashjian@msn.com Web: www.tashtowers.com

Table of Contents

Introduction

Since 2001, Tashjian Towers has designed and manufactured towers for the communication industry. The corporate objective has remained to provide professionally engineered high quality towers to our customers with their budgets and schedule.

Tashjian Towers began engineering and manufacturing towers for the amateur radio operators and has since developed its business to include towers for the much larger market of telecommunications. This catalog covers engineering service, manufactured products and construction service available from Tashjian Towers Corporation.

How to use this Catalog

The purpose of this catalog is to provide our customers with a detailed list of the services and products which Tashjian Towers can provide. The catalog is separated into different divisions, engineering, stack towers, self-supporting towers, tower trailers, poles, crank up towers and accessories. All parts are identified by part numbers and all part number are cross-referenced to the price list. From the catalog, the customer will be able to determine the towers capacity and price. The delivery time for your tower is available by placing a call to Tashjian Towers Sales Department.

The customer may select a standard tower kit for some of the Tashjian Towers models. For each of the standard tower kits, Tashjian Towers has assigned a part number. The part number may be used to cross-reference between the catalog information and the price list. For each standard tower kit, a detailed bill of material can be provided. For many of standard tower kits, the maximum allowable projected area which the tower will hold at the top is given for an 100 MPH wind as defined by ANSI EIA RS 222 Rev H for Exposure C, Topo 1, Class 2. These projected areas shown are for budgetary purposes and does not include areas of ladders, cables, antenna mounts, cable ladders, platforms, or any other appurtenances. In the event there may be a question of compliance in the design of a standard catalog tower to state, local, building regulations, or building codes, blueprints and engineering design calculations for your particular site can be supplied at a moderate charge.

History of Towers at Tashjian Towers

Tashjian Towers Corporation has three divisions to the business. The primary focus is to provide professional engineered towers. The manufacturing division is the second division, which makes the towers. The third division is the construction division which installs foundation and erects towers.
Karl Tashjian, owner of Tashjian Towers, worked at Tri-Ex Tower Corporation from 1985 to 2000. While at Tri-Ex, Karl was the engineer of record for hundreds of towers and worked on tower designs for the various tower models shown in this catalog.

In 1997, International Tower Inc. was formed from Tri-Ex Towers and S&G Communication. ITI specialized in tall towers for the broadcast industry. While at ITI, the engineering group engineered and designed several candelabrum towers approximately 2,000 feet tall, an 1860' tower with a 10' face width in Louisiana, a 1,000 foot tall candelabrum in downtown Atlanta guyed at 35%, along with many other tall heavy towers.

In January of 2000, Spectra Site Broadcast group purchased International Tower Inc. Spectra Site closed the engineering offices at the Tri-Ex plant in Visalia in October of 2000, at which time Karl began consulting full time. The old Tri-Ex Towers Corporation was dissolved in California, so Karl incorporated as Tri-Ex Towers Corporation in California in Jan. 2002. In Jan. 2003, the name of the corporation was changed to Tashjian Towers Corporation.

In 2010, Tashjian Towers built a 21,000 square foot factory with an additional 2,400 square foot engineering office on 2 acres in Fowler, California.

Tashjian Towers Corporation Commercial Tower Division

Tashjian Towers Corporation commercial tower business is organized into eight distinct groups. The groups are Sales, Engineering, Production Control, Fabrication, Weld, Paint, Assembly, and Quality Control. All Tashjian Towers are made in Fowler, California, USA. When a customer calls in to place an order, the sales personnel can determine the delivery date for your product. If the project requires Tashjian Towers to size the tower for the customer, sales will take the required data and forward onto the engineering department for design review. The custom tower design requires from 3 to 5 days to complete, depending on specifications provided by the customer. Sales will send a written quotation via email with scheduled delivery dates. I

When the sales department receives a purchase order or verbal notice to proceed, a sales order is written and passed on to the production control department. The production control department will request the drawing package from the engineering department. When production control logs the sales order, a scheduled ship date will be set. The customer will be advised of this ship date if different from our quotation. The production control department will purchase the raw material and purchase parts required to fill the order. The raw material used in Tashjian Towers meets various standards including American Standard Testing, and Measurement, ASTM, standards. The leg material ofself-supporting tower is 50 KSI and the crank up and Stack towers use high strength steel with a minimum yield of 70,000 psi. Brace material conforms to ASTM A36. Production control will issue work orders to the shop to complete the sales order.

The fabrication and weld departments convert the raw material into the black tower. The fabrication department cuts, torches, mills, turns, punches, drills, grinds, etc. the raw material per the drawings while welding uses the GMAW process.

Tashjian Towers is particularly proud of the quality of the welding from our weld department. All welders at Tashjian Towers Corporation have American Welding Society, AWS, certification for each process performed at Tashjian Towers. All weld procedures used by Tashjian Towers are qualified by AWS.

After welding, the black towers are shipped to the galvanizer. Tashjian Towers transports the towers to galvanizers who are members of the Hot Dipped Galvanizer Associations. All galvanize conforms to ASTM standard A-123.

The galvanized towers are packaged for shipment by the assembly department. On request, towers can be painted or powder coated by Tashjian Towers. FAA factory applied paint is available on request.

Quality Control at Tashjian Towers is staffed to meet the requirements of Accreditation Criteria for Fabricator Inspection Programs for Structural Steel per AC172. At all phases of manufacture, quality control checks are made to assure adherence to drawings and specifications. Shipment of towers is accomplished by one of two methods. The first and most common method of shipment is for Tashjian Towers to prepay the freight and bill the customer. The second method is cash on delivery. Larger shipments are sent on dedicated trucks while smaller loads are shipped on common carrier.

TASHJIAN TOWERS CORPORATION

ENGINEERING SERVICES

Tashjian Towers specializes in tower Engineering, Inspection, Mapping, Documentation, Analysis, Co-Location, Foundation Design and Geotechnical services. For your review, we have enclosed a partial list of our services along with associated costs.

Tower Analysis:

It is assumed that the owner provides all available information. The scope of this work consists of a feasibility study for the installation of customer specific equipment on existing towers. The scope of work includes providing four sets of tower elevations drawings, four sets of tower calculations for the complete tower including the foundation, and four copies of the tower report summarizing the tower findings and recommendations. The report includes tower overstresses if found but does not include the details of the modification to correct these overstresses. Once the owner decides to proceed with the modification, structural calculations are prepare, modification drawings are created, and an estimate of the steel require to modify the tower is produced. The above documentation will be sealed if the tower site is within the one of the states our engineers are licensed: California, Oregon, Arizona, Nevada, Washington, Utah, Texas, Idaho, New Mexico, and Alaska.

Up to 100'	**Pole, Self-Support and Guyed Towers**	**$2,500**
100' to 200'	**Pole, Self-Support and Guyed Towers**	**$3,200**
200' plus	**Self-Support and Guyed Towers**	**$3,800 & up**

Tower Inspection, Tower Mapping, and Tower Condition Assessment Report: $3,500 plus Travel

The scope of work for inspection, mapping, and documentation includes the measuring of member sizes, documenting the antenna sizes, antenna elevation, antenna line sizes and location on tower, guy geometry, visual inspection of the tower, photos of the tower, and field report. The client receives a copy of the field inspection notes and photos if requested. The scope includes conducting field investigation and collecting engineering data. Fee may vary depending on distance to site.

Tower Foundation Plans (Standard Plans): $1,520 per Tower

Soils report is to be provided by owner or the foundation design will be based on normal soil. The scope of work includes providing four sets of calculations and drawings for the tower foundations including optimizing the size for the tower; reinforcement bars location, size, and weight: anchor bolt locations, in conformance with a customer provided soils report. These standard foundation plans are for standard tower foundations types such as pads, drill and bell foundations, pad to pier, and straight piers.

Custom Tower Foundation Design (Rock Anchor, Water, Others): $3,000

The scope of work includes providing four sets of tower foundation plans for custom tower foundation where rock, water, or other soil conditions other than normal soil conditions exists.

Tower Design: $135 per hour

The design team has many years of experience in designing and modifying towers. The typical design cyclical includes layout, design review, fabrication details, submittal of sealed drawing package, and construction drawing package. The design team has completed a wide range of towers including custom crank up towers, self-supporting towers to 400', guy tower to 2000', tower trailer units, roof top mounts, stealth designs including water tanks, pine and palm trees, and windmill towers, custom equipment platforms, and custom antenna mounts.
As a tower manufacturer, our design team is aware of the requirements of owners, fabricators, and contractors. Our drawing package are used for obtaining building permits, construction bid walks, construction documents, owners records, fabricator details including weld design, and managers who want their projects on time. We are experience in weld design, galvanized structures, and their effect on warping structures. The design work is done using Cadkey or Solidworks cad software. Autocad formats and electronic files can be provided on completion. Full size prints are available on request while 11 x 17 is the normal format.

Tower Site Plans: $3,500 per site plus all expenses

The scope of work includes taking survey information, customer supplied data, zoning information and creating a site plan showing all existing and proposed structures. An elevation drawing of the tower is shown on the site plan. Typically these plans are used

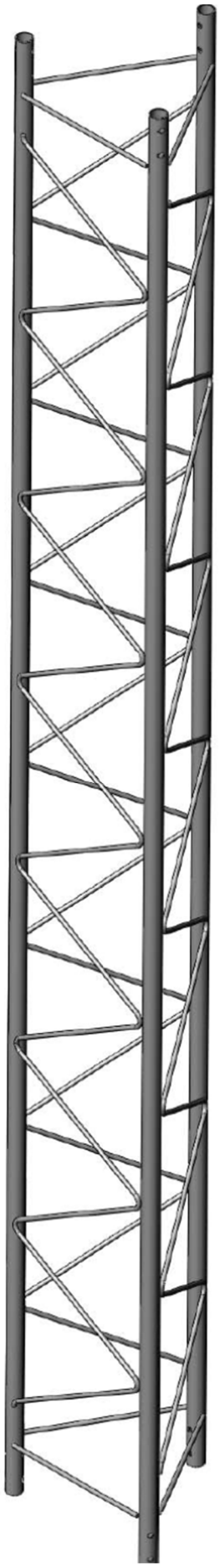
Soils Engineering- Customers scope of work for Geotechnical Services: $7,500 Each

This includes all items described in the typical geotechnical specifications. For your information, the price includes two borings, one direct shear test, one consolidation test, five each moisture samples, one chemical analysis, resistivity testing and sieve analysis. The resistivity test adds approximately $1,500 to the cost above. Four copies of the report will be provided.

Please note the above work does not include rock conditions, four-wheel access, or other abnormal soil conditions. Normal access is assumed in the above pricing.
Other engineering services available are lease exhibits, tower expert at zoning hearings, public works counter service in central California, minor electrical plans, communication building design, communication equipment slab design, review of manufactures drawings and sealing of plans, and tower specification writing. Fees may vary depending on complexities.
Thank you for the opportunity to be of service.

Respectfully,
Karl K. Tashjian
Owner, Tashjian Towers, RCE

Guyed and Stacked T-Towers



T-15

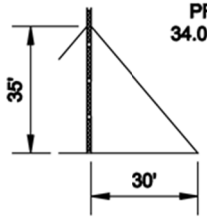
TECHNICAL DATA SHEET

- General purpose communications tower. (VHF, UHF, Microwave, and Two Way)
- Available in heights from 10 ft. to 140 ft. (Always refer to exact installation data)
- Designed and fabricated for the tough jobs which call for low cost and brute strength.
- Utilizes superior “W” bracing configuration. Resists clockwise and counter-clockwise torsional loads.
- General Dimensions:
  Face Width: 13 7/8"
  Side Rails: 1 1/4" O.D. x .120" Wall
  Bracing: 5/16" solid rod
- Greater strength and loading capabilities unheard of in the economical tower class.
- Compare construction details and you will see the big advantage of the model T-15
- Design eliminates special top and base sections

Construction: built in precision jigs and electrically welded by certified personnel.
Finish: hot dip galvanized after Fabrication.
Weight: 50 lb. (per section)
Joints: splice tube inserts. No jamming during installation.

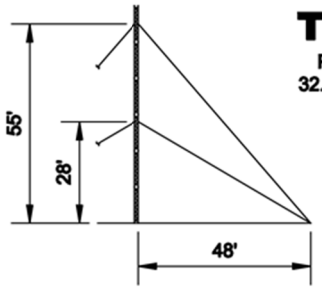
40' TOWER

PROJ. AREA
34.0 SQ. FT. MAX



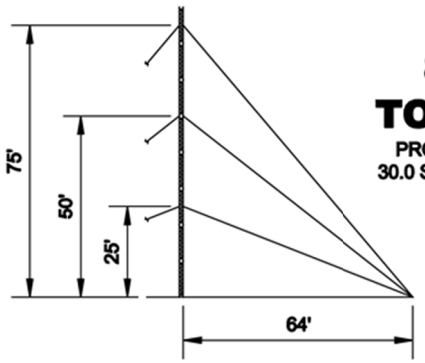
60' TOWER

PROJ. AREA
32.0 SQ. FT. MAX



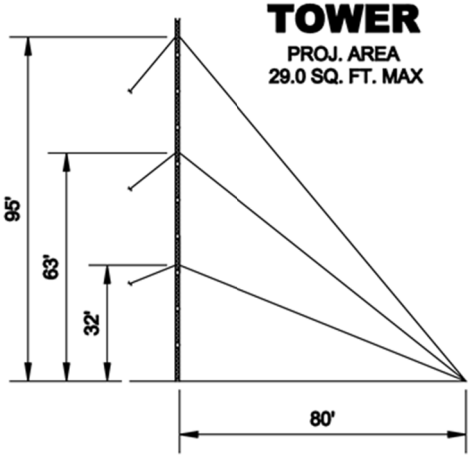
80' TOWER

PROJ. AREA
30.0 SQ. FT. MAX



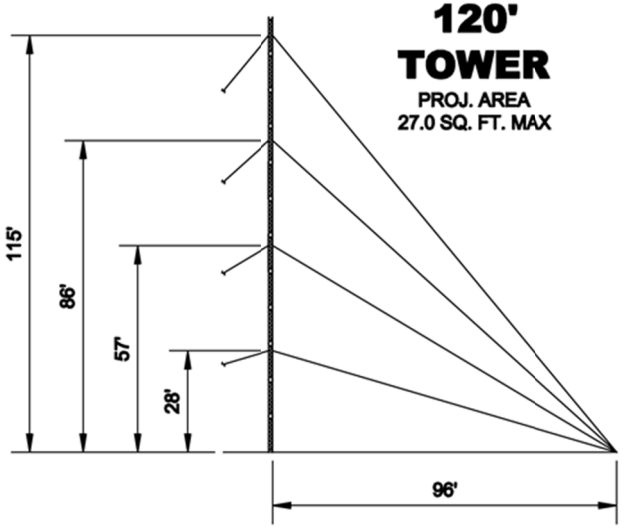
100' TOWER

PROJ. AREA
29.0 SQ. FT. MAX



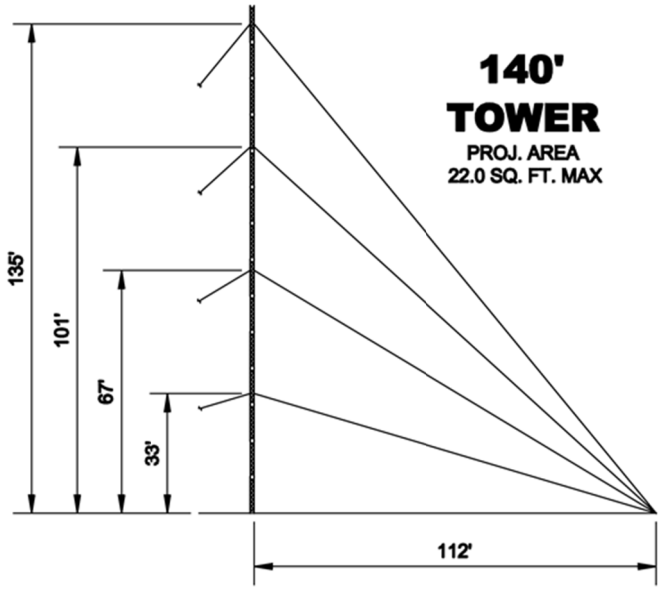
120' TOWER

PROJ. AREA
27.0 SQ. FT. MAX



140' TOWER

PROJ. AREA
22.0 SQ. FT. MAX

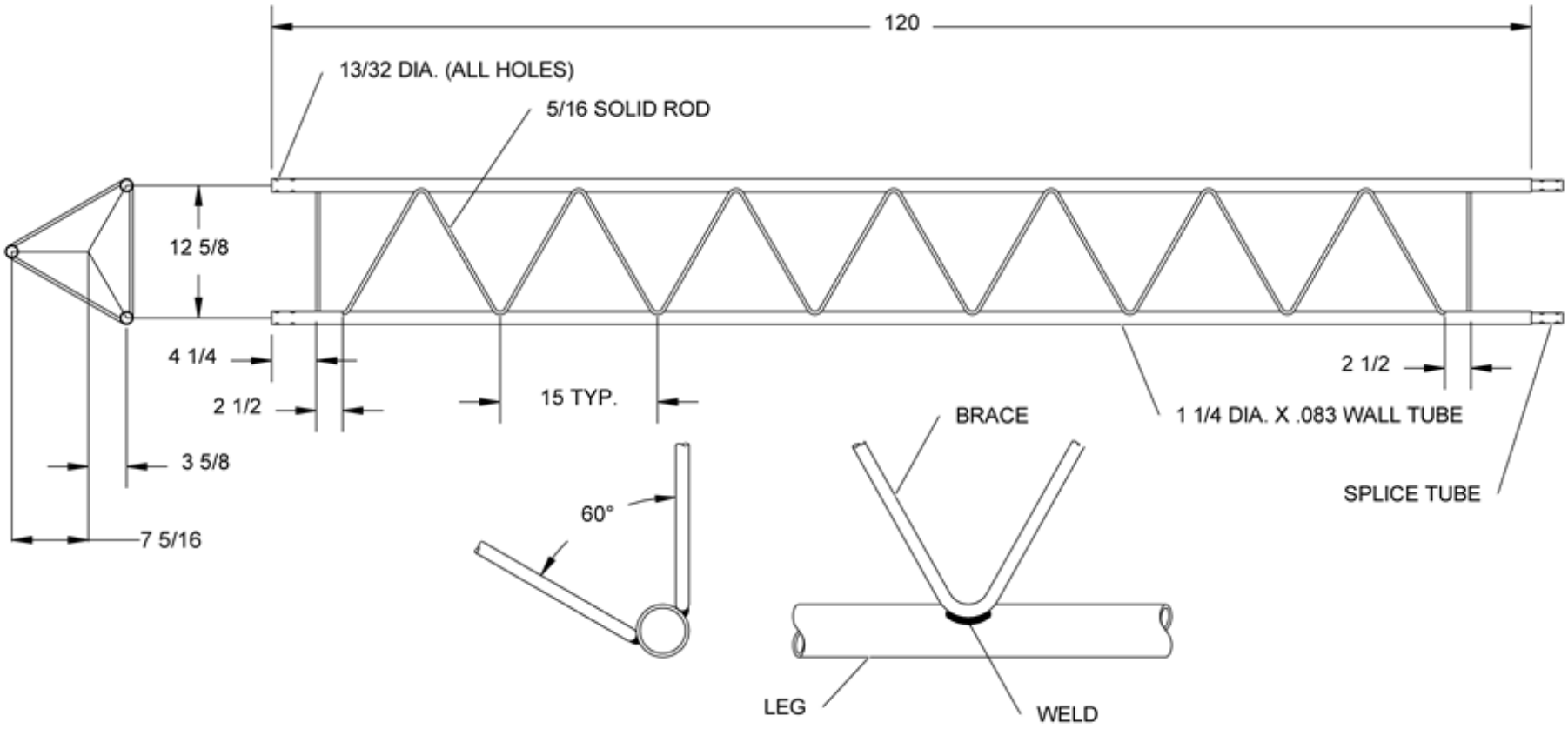


TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-15 GUYED TOWER

SPECIFICATIONS

CABLE	3/16" EHS
CABLE PRETENSION	400 lbs.
WIND SPEED	85 MPH
ICE	NONE



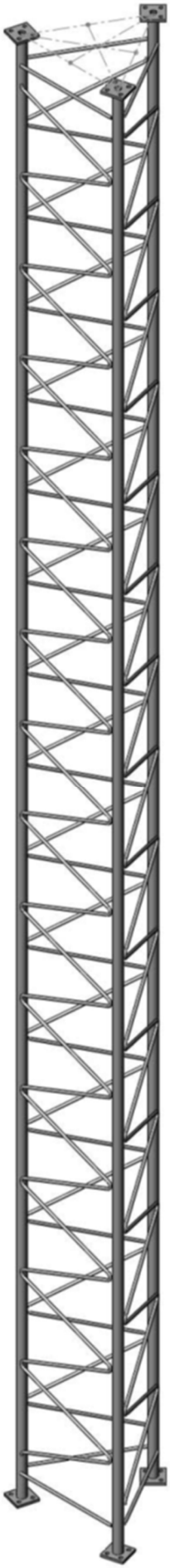
BRACE CONNECTION DETAIL

TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-15 SECTION

SPECIFICATIONS

SECTION NO.	T-15
C TO C OF LEGS	12 5/8"
SECTION LENGTH	120"
WEIGHT OF SECTION	55 lbs
LEG SIZE	1 1/4" X .083" HREW TUBE
LEG CROSS SECTION AREA	.3043 SQ. IN.
KL/R OF LEG	29
RADIUS OF GY	5.13"
MOMENT CAPACITY W/ 1/3 INCREASE	7.39 K/FT
Fy LEGS	50 KSI
Fy BRACE	36 KSI
BOLTS	3/8 X 1 3/4 A305 GALV.

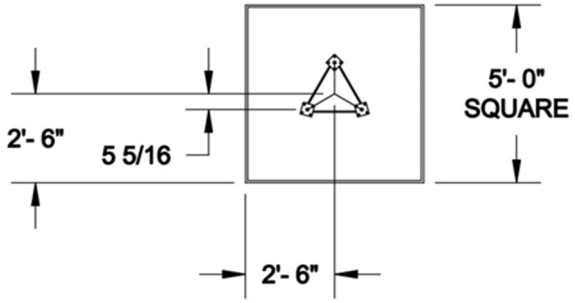


T-20

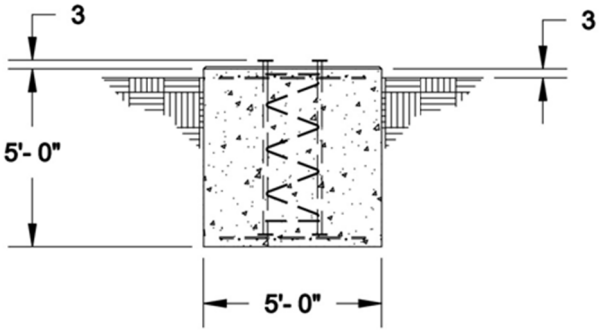
TECHNICAL DATA SHEET

- Available in heights from 10 ft. to 220 ft.
- Utilizes superior “W” bracing configuration which resists torsional loads.
- General Dimensions:
  Face Width: 19 13/16"
  Legs: 1 1/2” x .120" wall
  Bracing:7/16" Solid Rod
- Applications: Antenna radiator – insulated base available.
- Microwave support, VHF-UHF transmitting, antenna support and tropo Scatter Systems.
- Designed for truly difficult and demanding jobs.

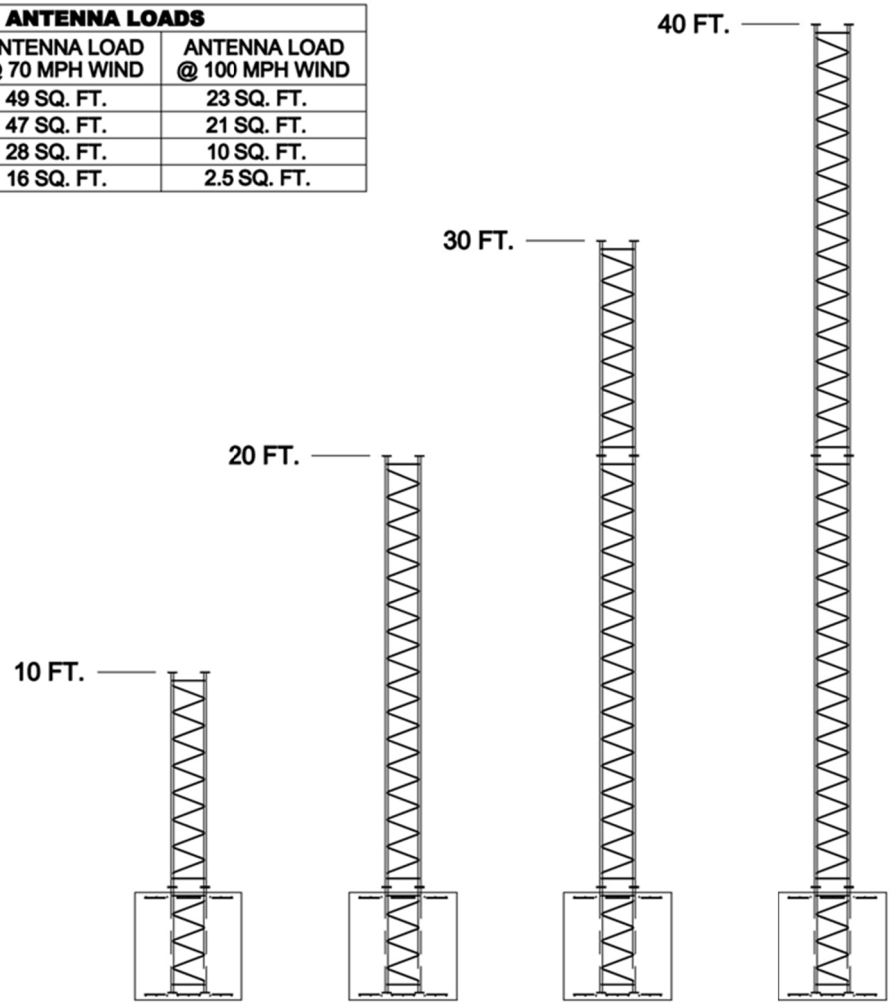
CONSTRUCTION: Built in precision jigs and electrically welded by certified personnel.
FINISH: Hot dipped galvanized after fabrication.
WEIGHT: 205 lbs. (20 ft. section), 107 lbs. (10 ft. section)
JOINTS: Square heavy duty easily aligned flanges.



ANTENNA LOADS		
TOWER HEIGHT	ANTENNA LOAD @ 70 MPH WIND	ANTENNA LOAD @ 100 MPH WIND
10 FT.	49 SQ. FT.	23 SQ. FT.
20 FT.	47 SQ. FT.	21 SQ. FT.
30 FT.	28 SQ. FT.	10 SQ. FT.
40 FT.	16 SQ. FT.	2.5 SQ. FT.



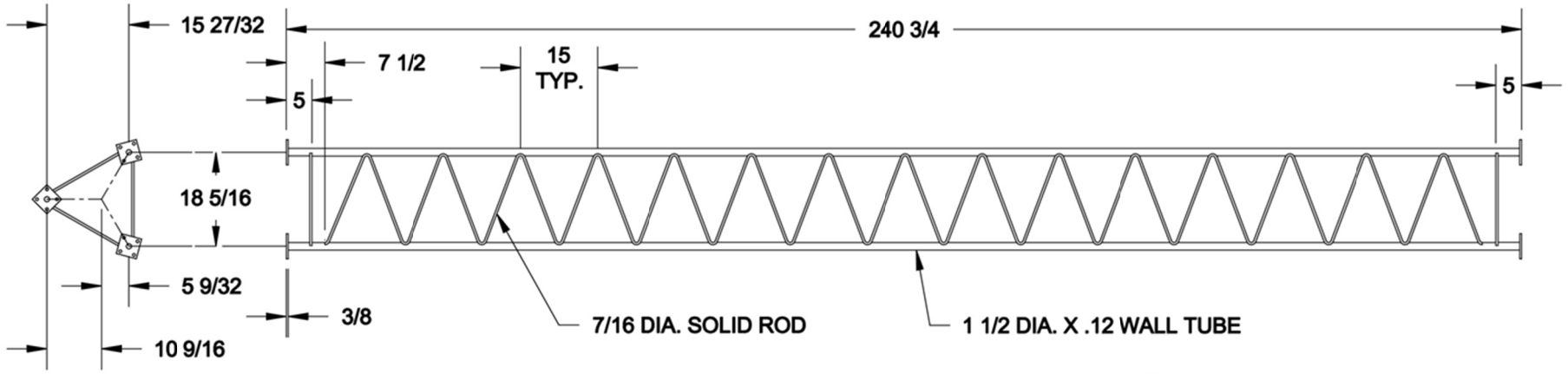
FOUNDATION

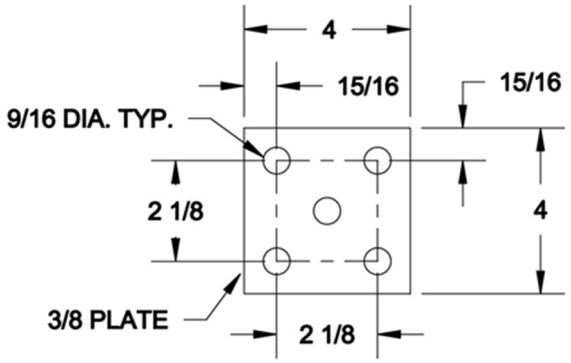


ELEVATIONS

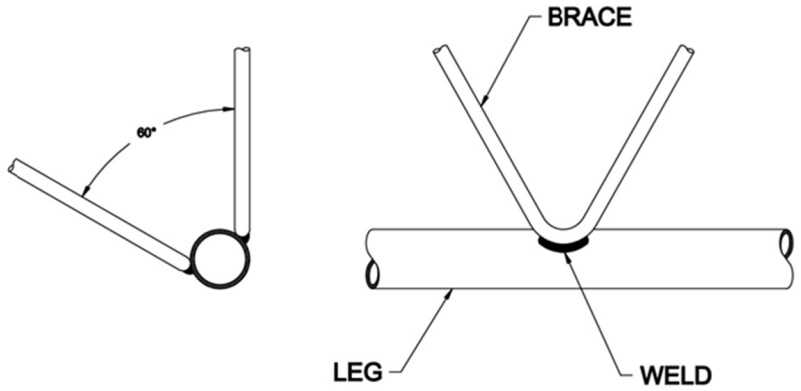
TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-20 ELEVATION & FOOTING





FLANGE DETAIL



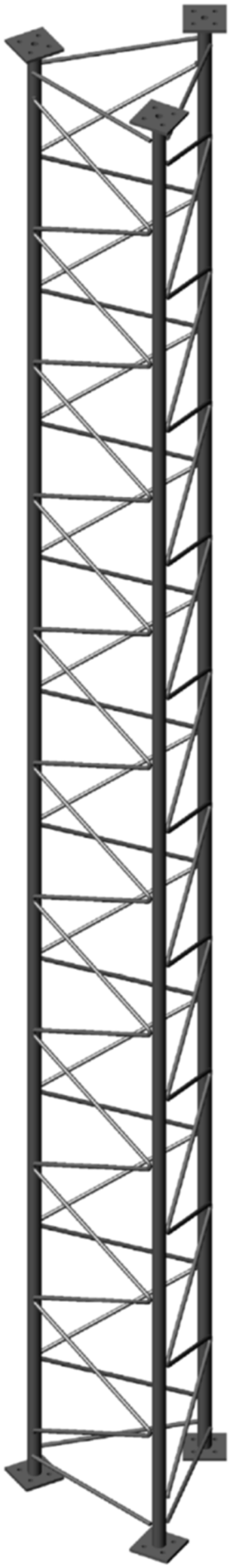
BRACE CONNECTION DETAIL

TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-20 SECTION

SPECIFICATIONS

SECTION NO.	T-20
C TO C OF LEGS	18 5/16"
SECTION LENGTH	240 3/4"
WEIGHT OF SECTION	205 lbs
LEG SIZE	1 1/2" X .12" HREW TUBE
LEG CROSS SECTION AREA	.5202 SQ. IN.
KL/R OF LEG	24.5
RADIUS OF GY	7.5"
MOMENT CAPACITY W/ 1/3 INCREASE	18.66 K/FT
Fy LEGS	50 KSI
Fy BRACE	36 KSI
BOLTS	1/2 X 1 3/4 A325 GALV.



T-26

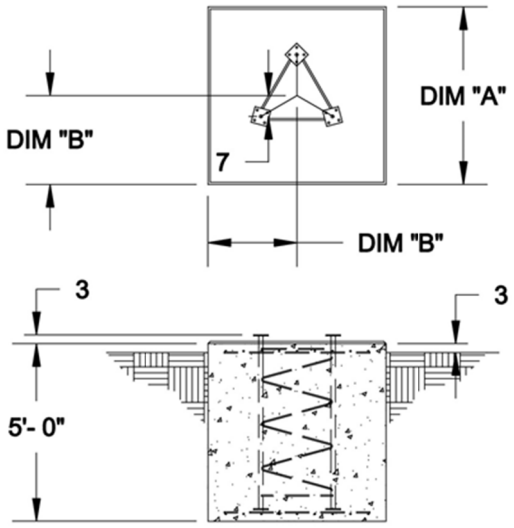
TECHNICAL DATA SHEET

- Available in heights from 10 ft. to 600 ft. (To 400 feet with excellent Rigidity).
- Utilizes superior “W” bracing configuration which resists torsional clockwise and counter-clockwise loads.
- General dimensions:
  Face Width: 26 5/16”
  Legs: 2" x Variable wall thickness
  Bracing: 5/8" solid rod
- Applications: antenna radiator - insulated base available, high rigidity Microwave Support, VHF-UHF transmitting, antenna support and Tropo Scatter Systems.
- Designed for truly difficult and demanding jobs.

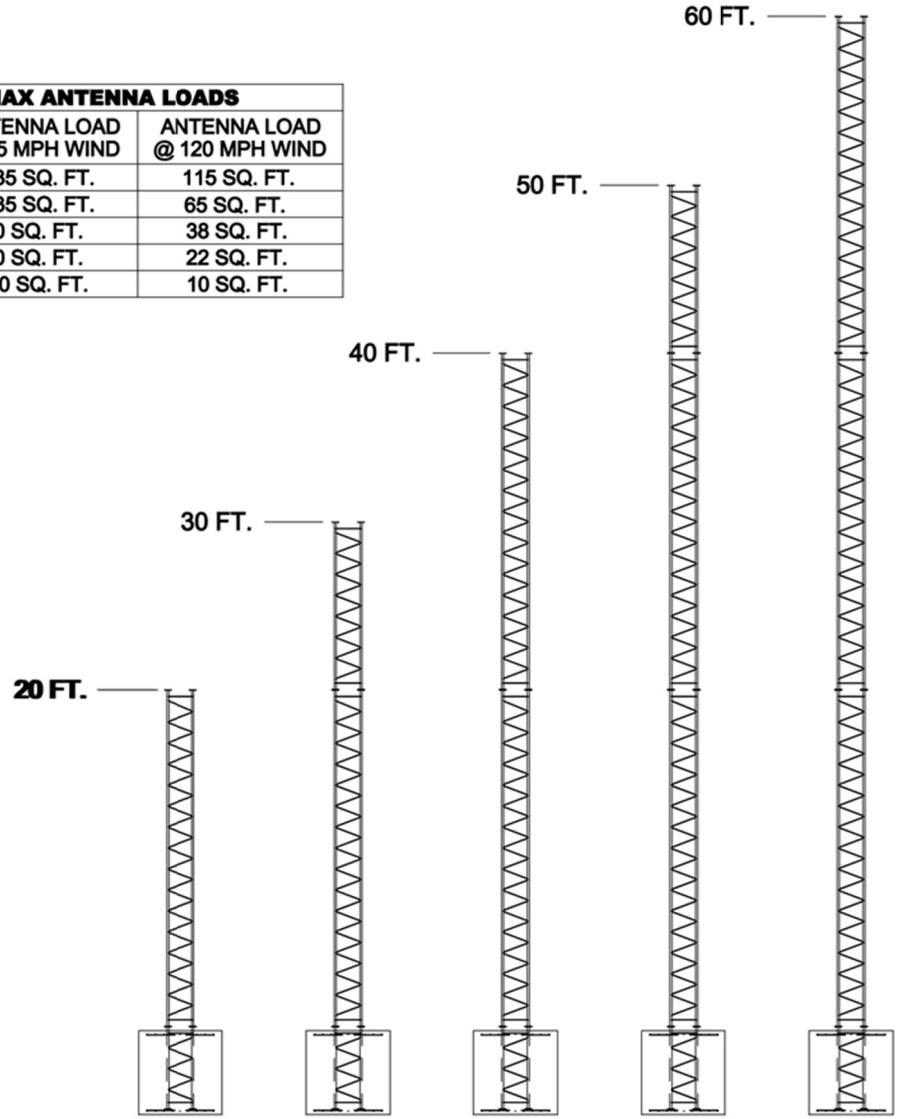
Construction: Built in precision jigs and electrically welded by certified personnel.
Finish: hot dip galvanized after fabrication.
Weight: 400 lbs. Average (20 ft. section) 200 lbs. Average (10 ft. section)
Joints: square heavy duty easily aligned flanges.

CONCRETE SPECIFICATION			
BASE NO.	DIM "A"	DIM "B"	CONCRETE REQ'D
1	5'- 9"	2'- 10 1/2"	6.2 CU. YDS.
2	6'- 6"	3'- 3"	7.9 CU. YDS.
3	7'- 0"	3'- 6"	9.1 CU. YDS.

MAX ANTENNA LOADS		
TOWER HEIGHT	ANTENNA LOAD @ 85 MPH WIND	ANTENNA LOAD @ 120 MPH WIND
20 FT.	235 SQ. FT.	115 SQ. FT.
30 FT.	135 SQ. FT.	65 SQ. FT.
40 FT.	90 SQ. FT.	38 SQ. FT.
50 FT.	60 SQ. FT.	22 SQ. FT.
60 FT.	40 SQ. FT.	10 SQ. FT.



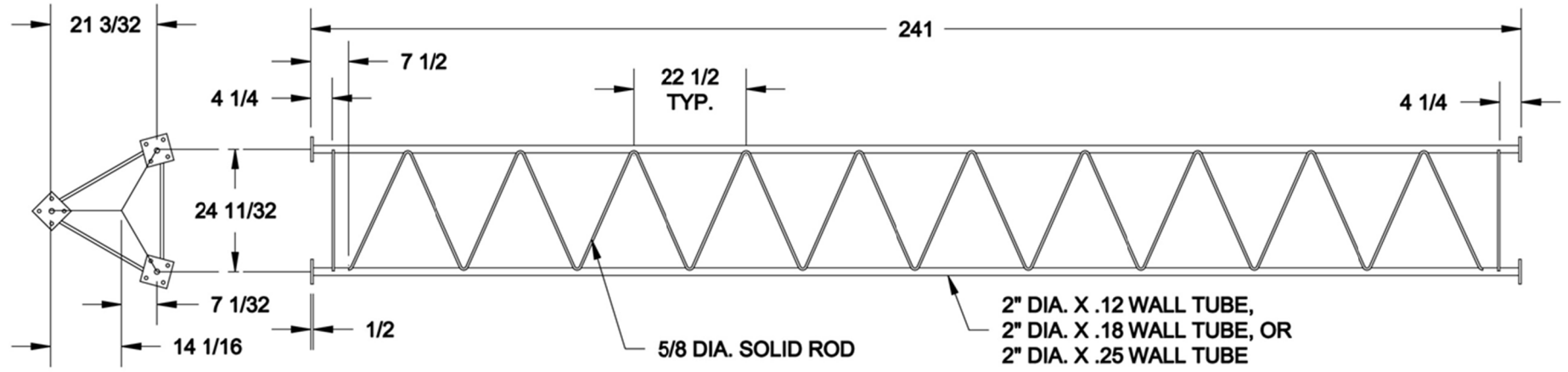
FOUNDATION

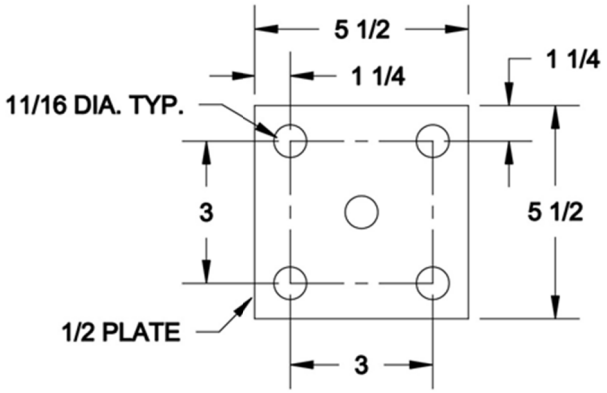


ELEVATIONS

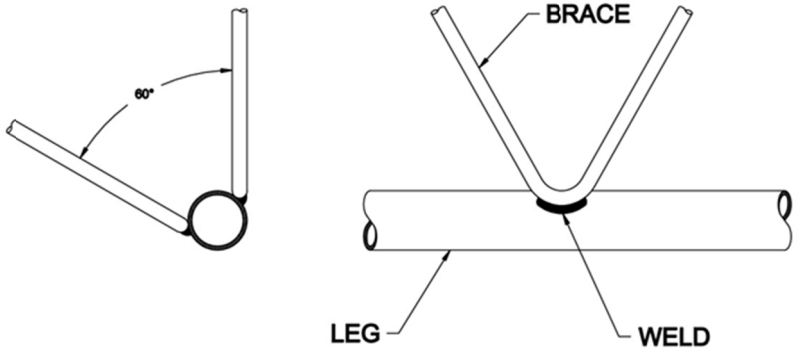
TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-26 ELEVATION & FOOTING





FLANGE DETAIL



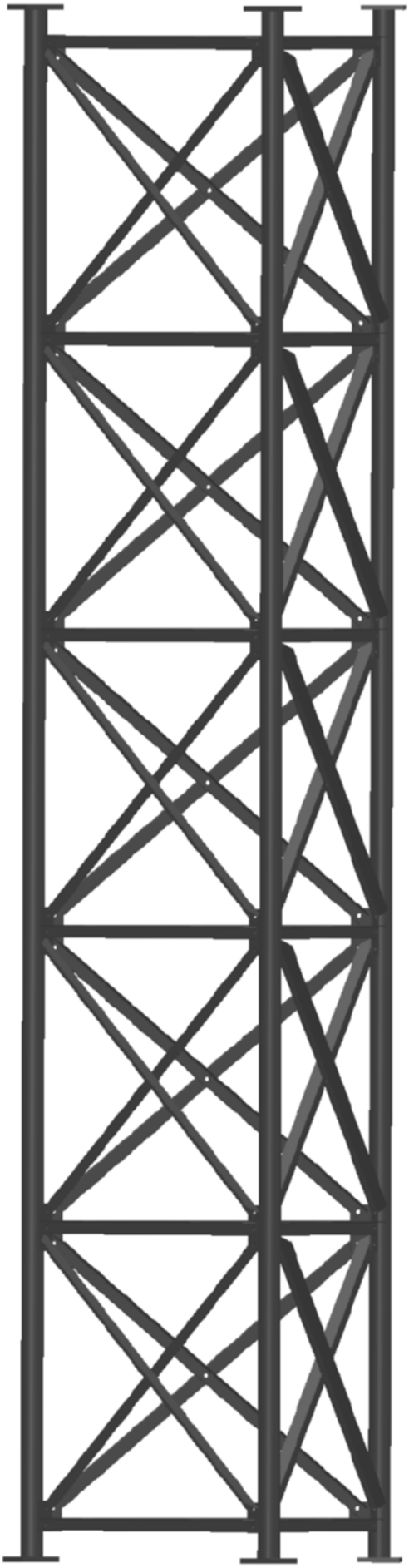
BRACE CONNECTION DETAIL

TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-26 SECTION

SPECIFICATIONS

SECTION NO.	T-26
C TO C OF LEGS	24 11/32"
SECTION LENGTH	241"
WEIGHT OF SECTION	320 lbs
LEG SIZE	2" X .12" HREW TUBE
LEG CROSS SECTION AREA	.7087 SQ. IN.
KL/R OF LEG	27.0
RADIUS OF GY	9.5"
MOMENT CAPACITY W/ 1/3 INCREASE	33.43 K/FT
Fy LEGS	50 KSI
Fy BRACE	36 KSI
BOLTS	5/8 X 2 A325 GALV.



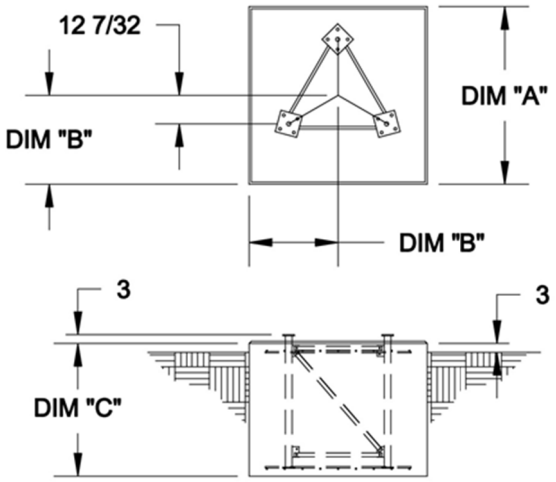
T-36

TECHNICAL DATA SHEET

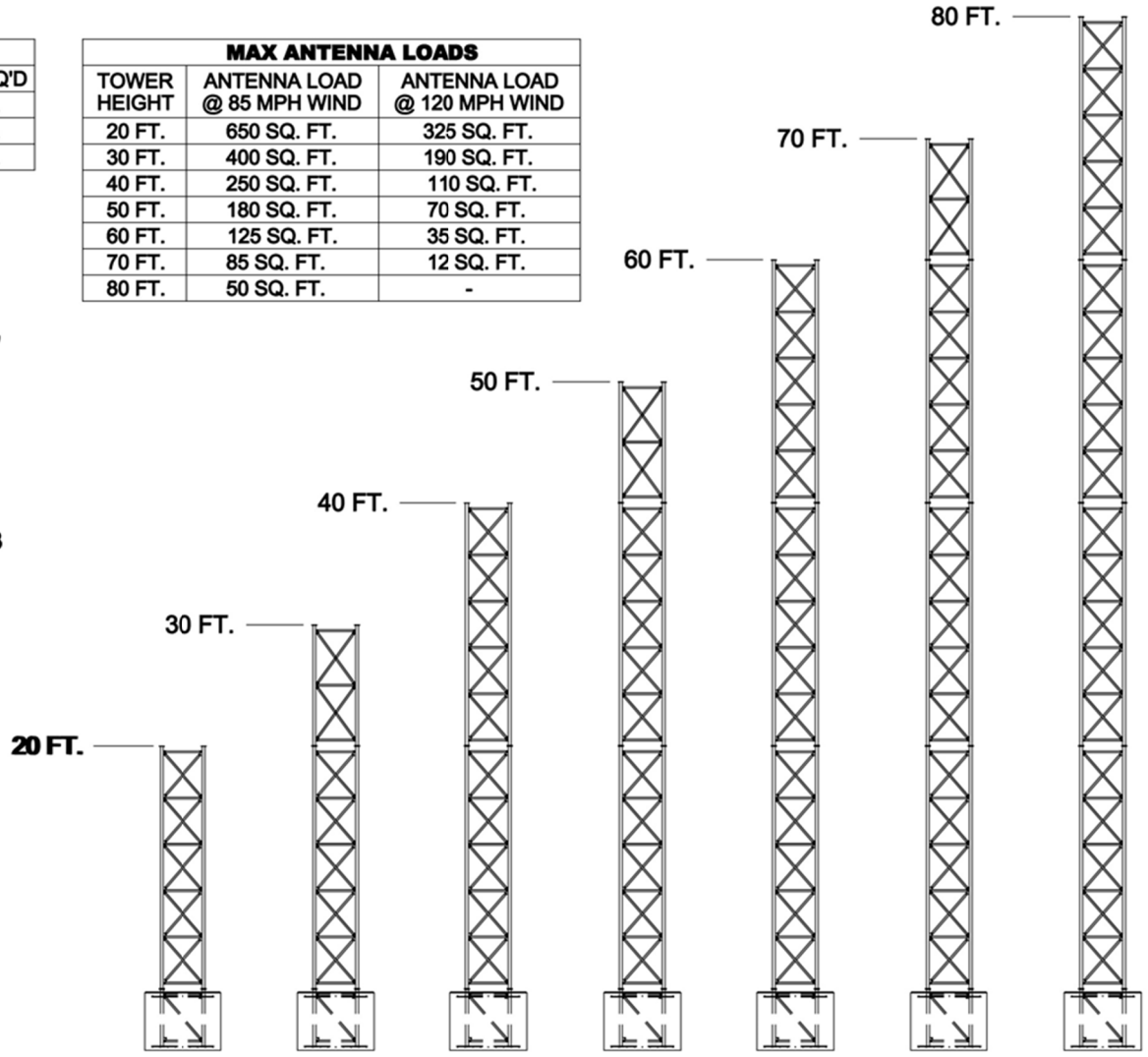
- Designed specifically for microwave and heavy duty communications installations.
- Construction: the T-36 Series Tower is constructed in an equilateral triangle with tubular steel legs and cross bracing.
- The cross section size is 42 3/8" on leg centers. Diameter of leg sections varies from 2" to 2 1/2” to meet installation requirements. Cross bracing is bolted to legs.
- Finish: all tower components are completely hot dipped galvanized after fabrication.
- Applications: designed for large guy communications uses; microwave, CATV, AM-FM Broadcast.
- Also for self-supporting installations up to 80 feet.

CONCRETE SPECIFICATION				
BASE NO.	DIM "A"	DIM "B"	DIM "C"	CONCRETE REQ'D
1	7'- 6"	3'- 9"	4'- 9"	10.0 CU. YDS.
2	9'- 0"	4'- 6"	4'- 9"	14.5 CU. YDS.
3	10'- 0"	5'- 0"	5'- 0"	19.0 CU. YDS.

MAX ANTENNA LOADS		
TOWER HEIGHT	ANTENNA LOAD @ 85 MPH WIND	ANTENNA LOAD @ 120 MPH WIND
20 FT.	650 SQ. FT.	325 SQ. FT.
30 FT.	400 SQ. FT.	190 SQ. FT.
40 FT.	250 SQ. FT.	110 SQ. FT.
50 FT.	180 SQ. FT.	70 SQ. FT.
60 FT.	125 SQ. FT.	35 SQ. FT.
70 FT.	85 SQ. FT.	12 SQ. FT.
80 FT.	50 SQ. FT.	-



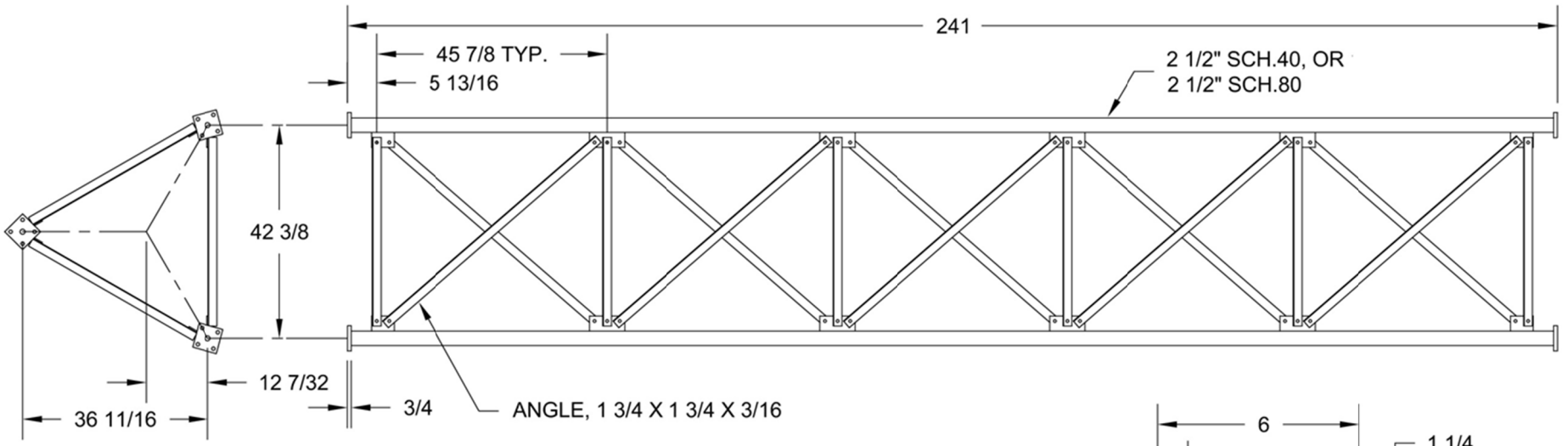
FOUNDATION

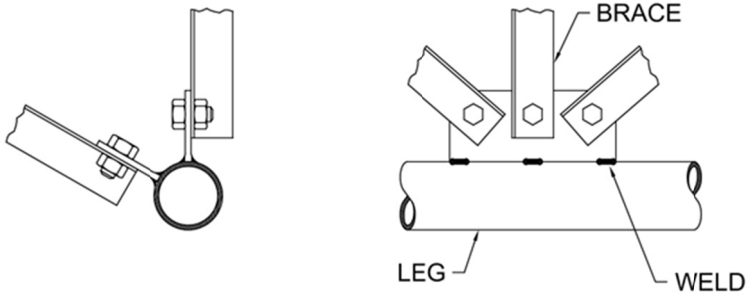


ELEVATIONS

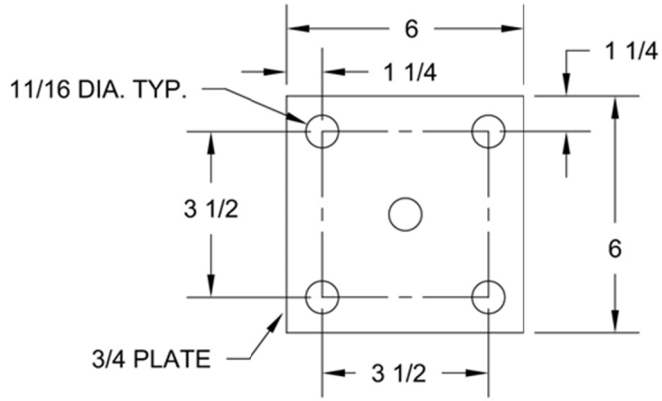
TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-36 ELEVATION & FOOTING





BRACE CONNECTION DETAIL



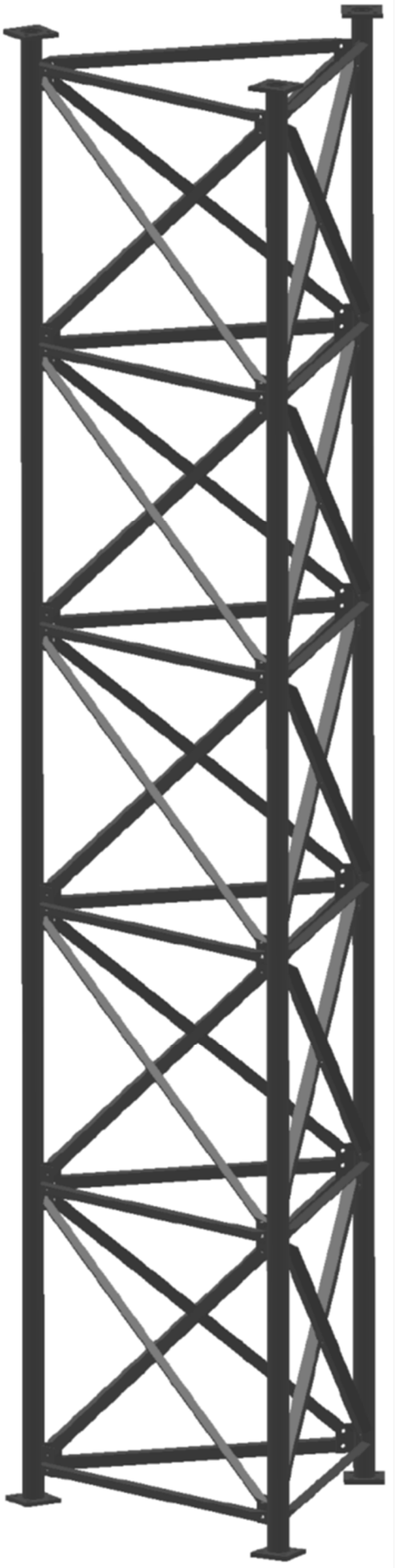
FLANGE DETAIL

TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-36 SECTION

SPECIFICATIONS

SECTION NO.	T-36
C TO C OF LEGS	42 3/8"
SECTION LENGTH	241"
WEIGHT OF SECTION	400 lbs
LEG SIZE	2" SCH.40 PIPE
LEG CROSS SECTION AREA	1.075 SQ. IN.
KL/R OF LEG	51.9
RADIUS OF GY	17.32"
MOMENT CAPACITY W/ 1/3 INCREASE	79.6 K/FT
Fy LEGS	50 KSI
Fy BRACE	36 KSI
BRACE BOLTS	1/2 X 1 1/2 A325 GALV.
FLANGE BOLTS	5/8 X 2 A325 GALV.



T-48

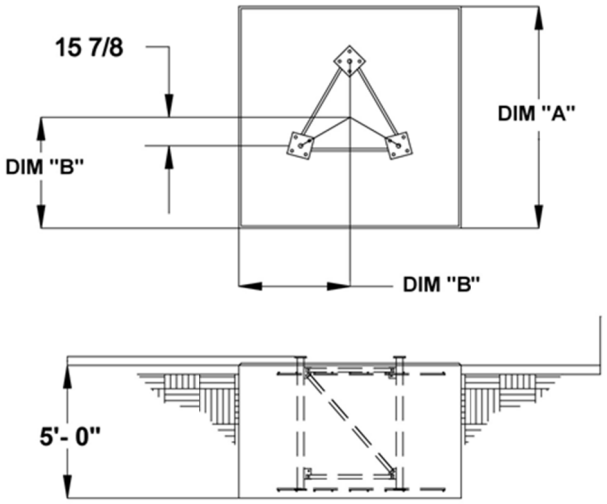
TECHNICAL DATA SHEET

- Designed specifically for microwave and heavy duty communications installations.
- Construction: the T-48 Series Tower is constructed in an equilateral triangle with tubular steel legs and cross bracing.
- The cross section size is 55" on leg centers. Diameter of leg sections varies from 2 1/2" to 3 1/2” to meet installation requirements. Cross bracing is bolted to legs.
- Finish: All Tower Components are completely hot dipped galvanized after fabrication.
- Applications: Designed for large guy communications uses; microwave, CATV, AM-FM Broadcast.
- Also for self-supporting installations up to 100 feet.
- Models: T-48 is the standard Tower Section

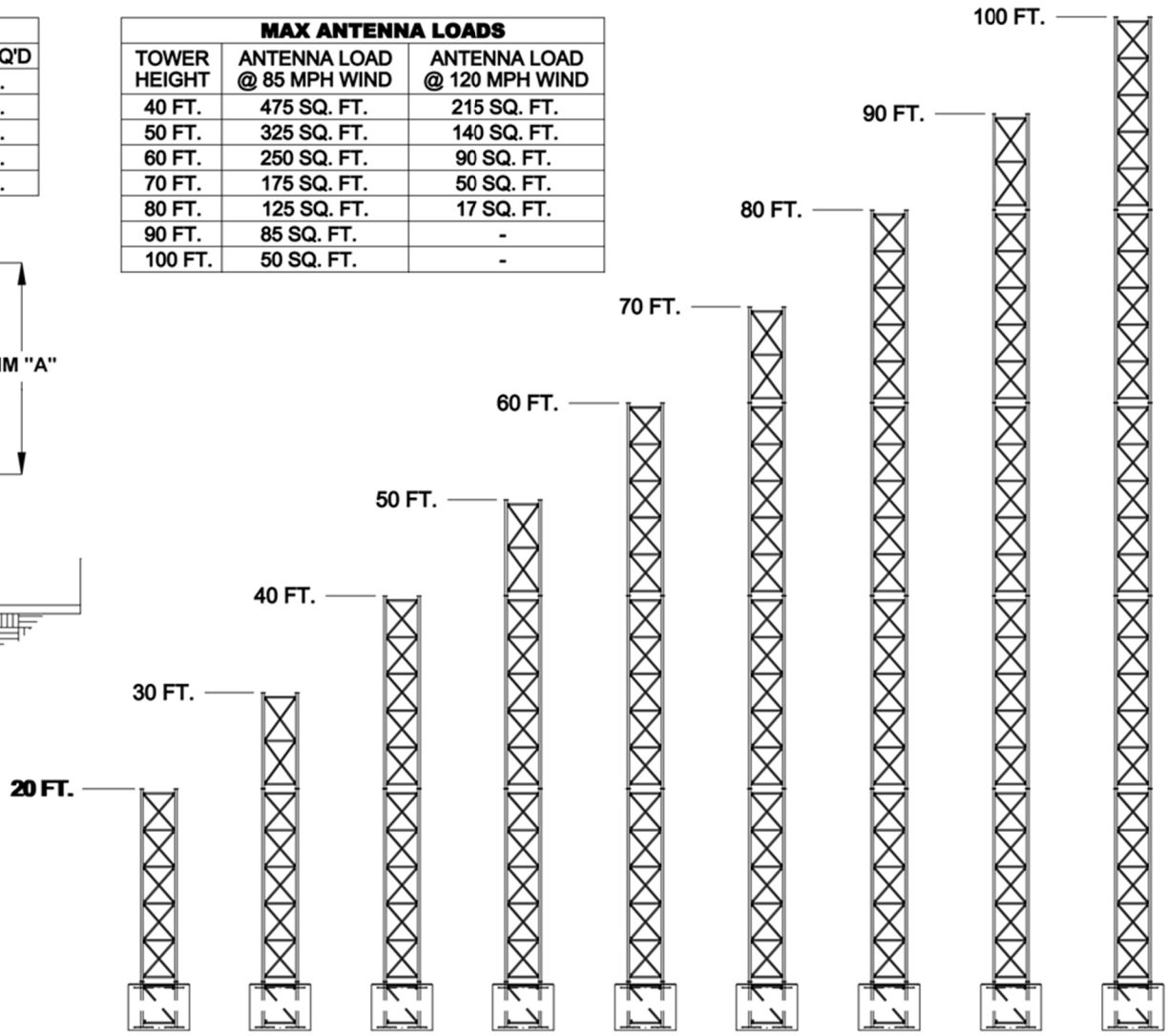
T-48X Utilizes X-Bracing (as required basis)

CONCRETE SPECIFICATION			
BASE NO.	DIM "A"	DIM "B"	CONCRETE REQ'D
1	9'- 9"	4'-10 1/2"	18.0 CU. YDS.
2	9'- 6"	4'- 9"	17.5 CU. YDS.
3	11'- 0"	5'- 6"	22.5 CU. YDS.
4	10'- 6"	5'- 3"	20.5 CU. YDS.
5	12'- 0"	6'- 0"	26.8 CU. YDS.

MAX ANTENNA LOADS		
TOWER HEIGHT	ANTENNA LOAD @ 85 MPH WIND	ANTENNA LOAD @ 120 MPH WIND
40 FT.	475 SQ. FT.	215 SQ. FT.
50 FT.	325 SQ. FT.	140 SQ. FT.
60 FT.	250 SQ. FT.	90 SQ. FT.
70 FT.	175 SQ. FT.	50 SQ. FT.
80 FT.	125 SQ. FT.	17 SQ. FT.
90 FT.	85 SQ. FT.	-
100 FT.	50 SQ. FT.	-



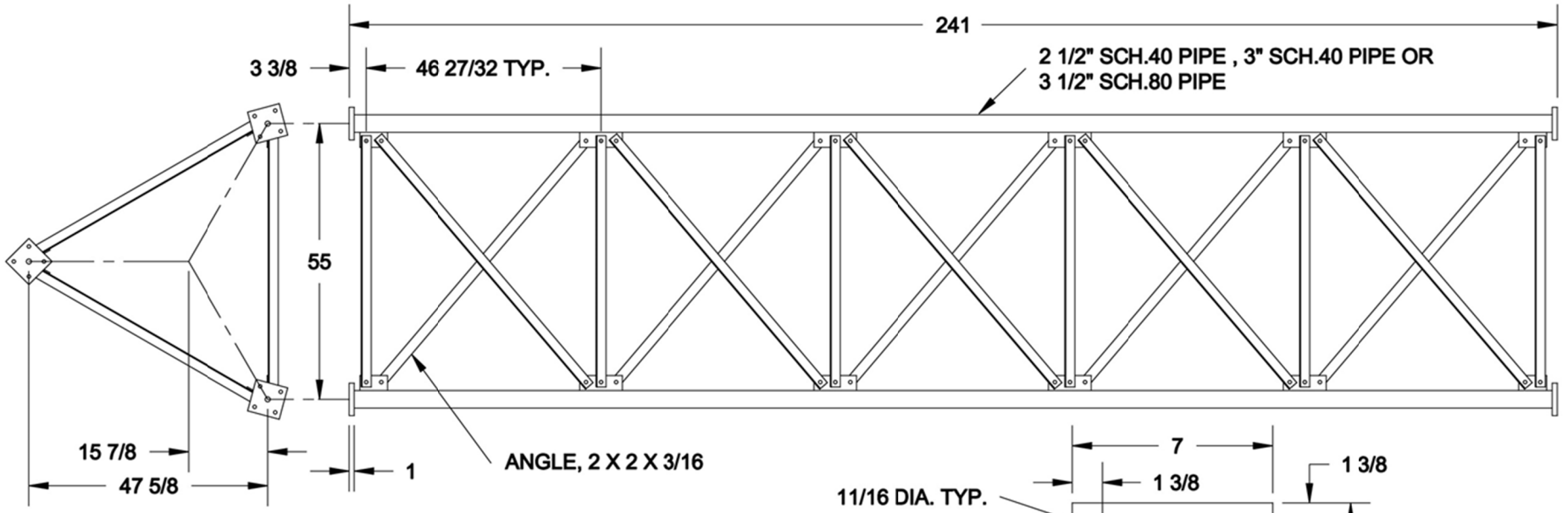
FOUNDATION

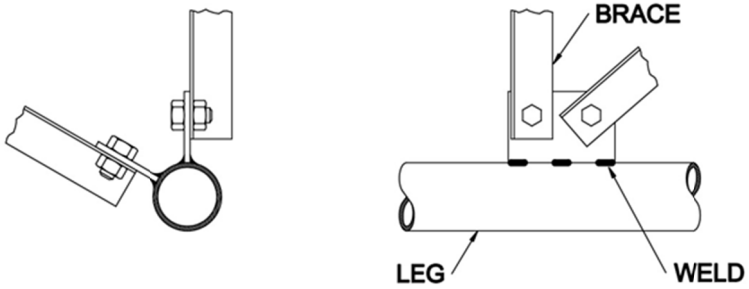


ELEVATIONS

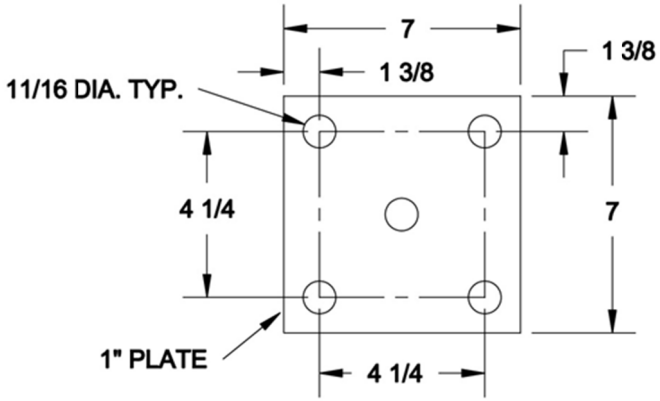
TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-48 ELEVATION & FOOTING





BRACE CONNECTION DETAIL



FLANGE DETAIL

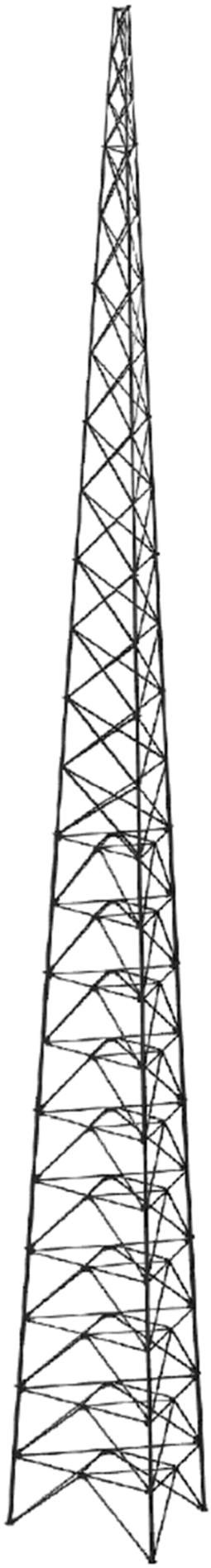
TASHJIAN TOWERS CORPORATION
2765 S Temperance Ave
Fowler, CA 93625
Phone: 559-834-4300
Fax: 559-834-4377
Web: tashtowers.com

MODEL T-48 SECTION

SPECIFICATIONS

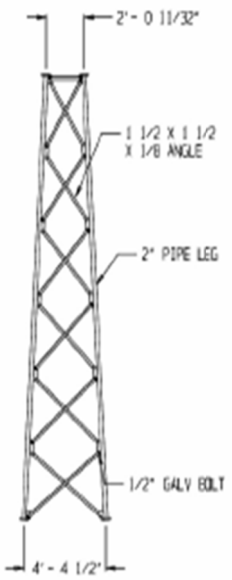
SECTION NO.	T-48
C TO C OF LEGS	55"
SECTION LENGTH	241"
WEIGHT OF SECTION	605 lbs
LEG SIZE	2 1/2" SCH.40 PIPE
LEG CROSS SECTION AREA	1.70 SQ. IN.
KL/R OF LEG	43.16
RADIUS OF GY	22.47
MOMENT CAPACITY W/ 1/3 INCREASE	169.6 K/FT
Fy LEGS	50 KSI
Fy BRACE	36 KSI
BRACE BOLTS	5/8 X 1 1/2 A325 GALV.
FLANGE BOLTS	5/8 X 3 A325 GALV.

Self-Supporting Towers

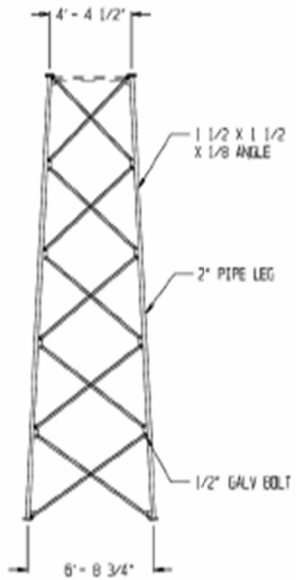


TKD Series

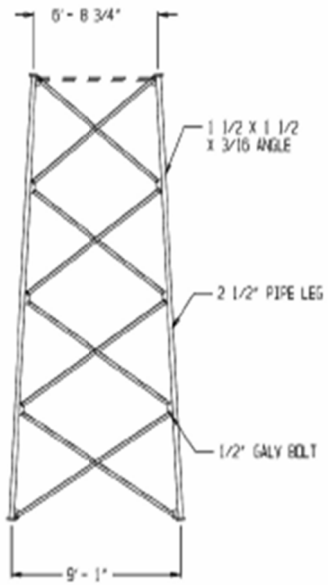
- Designed specifically for VHF/UHF, various microwave and heavy duty communications installations.
- Construction: The TKD Series Tower is constructed in a tubular steel leg configuration. The use of angle or pipe bracing is dependent on required tower sections. The face width and leg size at the base varies depending on section required.
- Finish: All tower components are completely hot dipped galvanized after fabrication.
- Standard TKD series tower heights range from 40 feet to 200 feet.
- Our Engineering staff is ready to develop any custom design for your specific need. Contact our sales representative.



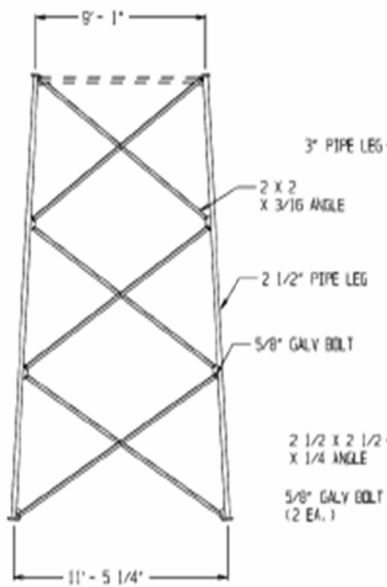
TKD-301



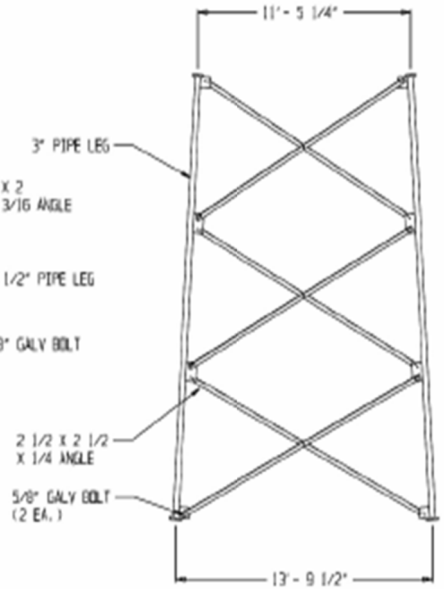
TKD-302



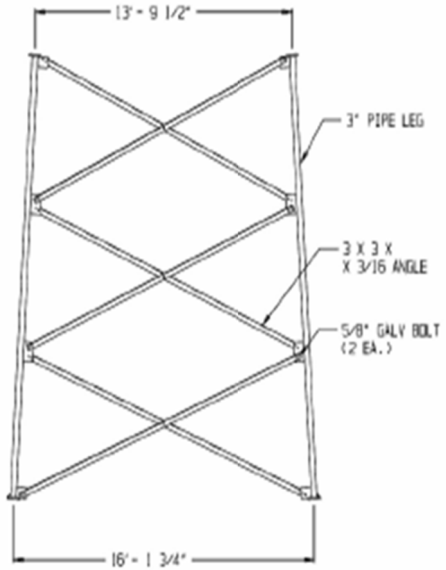
TKD-303



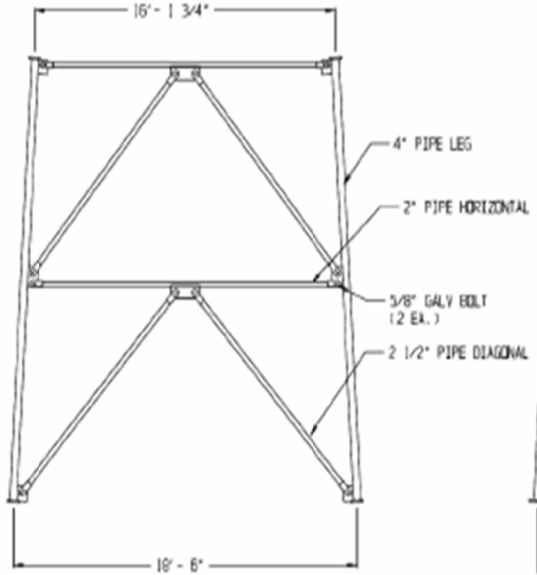
TKD-304



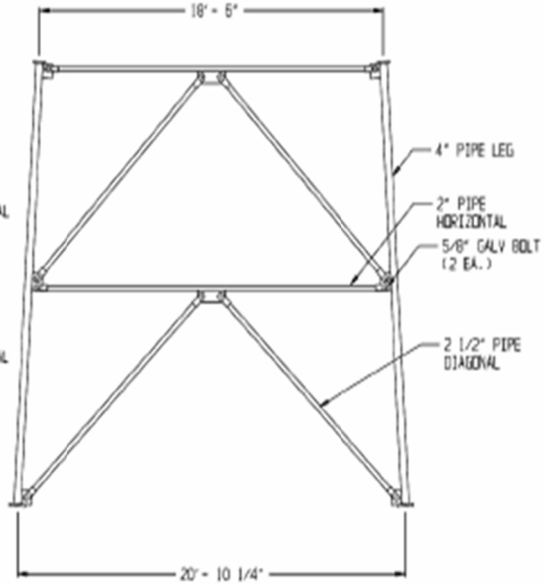
TKD-305



TKD-306



TKD-307



TKD-308

NOTES:

1. ALL SECTIONS ARE 20 FEET IN LENGTH.
2. ALL DIMENSIONS SHOWN ARE FROM LEG CENTER LINES.
3. MATERIALS CONFORM TO ASTM A53 GRADE B OR PIPE AND ASTM A36 FOR SHAPES AND PLATES.
4. BOLTS CONFORM TO ASTM A325 OR EQUAL.
5. GALVANIZING CONFORMS TO ASTM A123.
6. DUE TO CONCENTRATED LOADING THE BRACE AND LEGS SIZES MAY VARY.
7. SECTIONS ARE EITHER TRIANGULAR OR SQUARE.

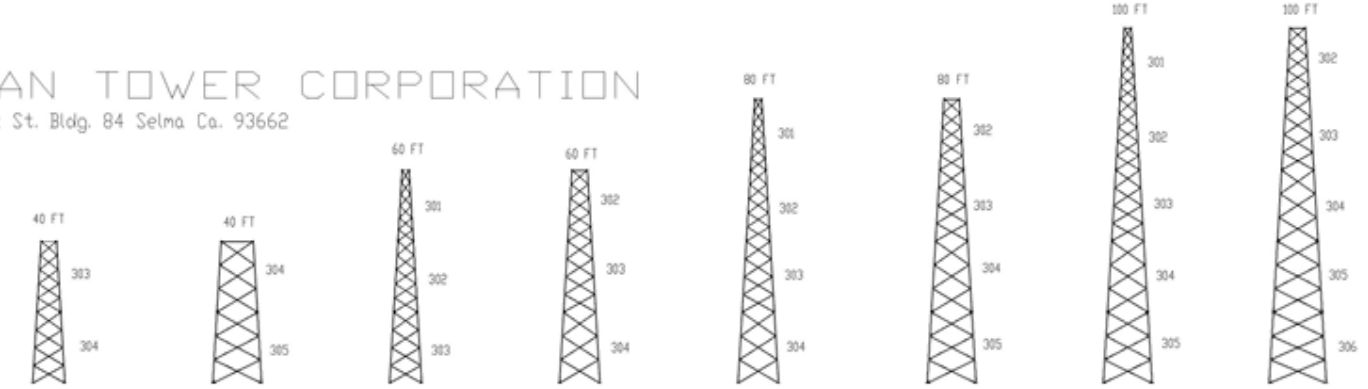
TASHJIAN TOWER CORPORATION
2785 S Temperance Ave, Fowler, CA 93625

TITLE: TKD SERIES SECTIONS

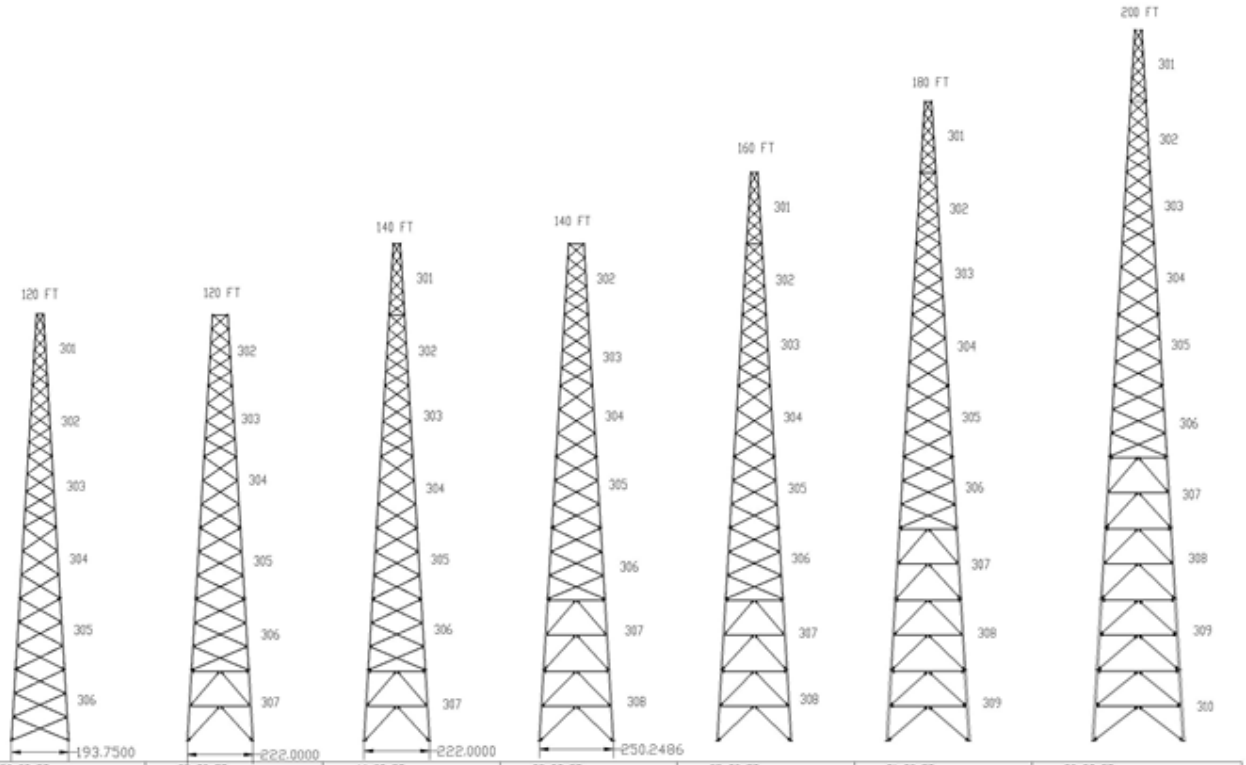
SIZE	CAGE CODE	DRAWING NO.	REV.
D		S-1	
SCALE NONE			SHEET - OF -

TASHJIAN TOWER CORPORATION

1775 Park St. Bldg. 84 Selma Ca. 93662



100 MPH	UBC	238 SQ FT	285 SQ FT	86 SQ FT	129 SQ FT	70 SQ FT	107 SQ FT	63 SQ FT	102 SQ FT
	EIA	354 SQ FT	450 SQ FT	147 SQ FT	214 SQ FT	128 SQ FT	196 SQ FT	117 SQ FT	190 SQ FT
70 MPH	UBC	570 SQ FT	678 SQ FT	209 SQ FT	310 SQ FT	196 SQ FT	283 SQ FT	189 SQ FT	270 SQ FT
	EIA	805 SQ FT	1000 SQ FT	347 SQ FT	470 SQ FT	320 SQ FT	459 SQ FT	300 SQ FT	422 SQ FT
PART NUMBER		TKD-304-40 FT	TKD-305-40 FT	TKD-303-60 FT	TKD-304-60 FT	TKD-304-80 FT	TKD-305-80 FT	TKD-305-100 FT	TKD-306-100 FT



100 MPH	UBC	58 SQ FT	92 SQ FT	44 SQ FT	82 SQ FT	35 SQ FT	31 SQ FT	28 SQ FT
	EIA	107 SQ FT	178 SQ FT	88 SQ FT	173 SQ FT	83 SQ FT	77 SQ FT	70 SQ FT
70 MPH	UBC	168 SQ FT	248 SQ FT	162 SQ FT	240 SQ FT	150 SQ FT	141 SQ FT	132 SQ FT
	EIA	285 SQ FT	407 SQ FT	269 SQ FT	392 SQ FT	256 SQ FT	243 SQ FT	225 SQ FT
PART NUMBER		TKD-306-120 FT	TKD-307-120 FT	TKD-307-140 FT	TKD-308-140 FT	TKD-308-160 FT	TKD-309-180 FT	TKD-310-200 FT

NOTE:

1. WIND LOAD FIGURES ARE AN APPROXIMATION AND FOR INFORMATION PURPOSES ONLY. SPECIFIC DETAILS CONCERNING DEFLECTION AND TORQUE NEED TO BE CALCULATED BY A REGISTERED ENGINEER.
2. THE NUMBERS LISTED DIRECTLY BELOW EACH TOWER HEIGHT INDICATE THE MAXIMUM ALLOWABLE ANTENNA AREA IN SQUARE FEET THAT CAN BE MOUNTED AT THE TOWER APEX.
3. THE EXTREME LEFT MARGIN INDICATES THE VARIOUS WIND SPEED USING UBC AND LATEST EIA CODES.

TASHJIAN TOWER CORPORATION
1775 Park St. Bldg. 84 Selma Ca. 93662

TITLE: TYPICAL TKD TOWERS

SIZE	CAGE CODE	DRAWING NO.	REV.
D		S-1	

SCALE: NONE SHEET 1 OF 1

TKD Self Supporting Tower

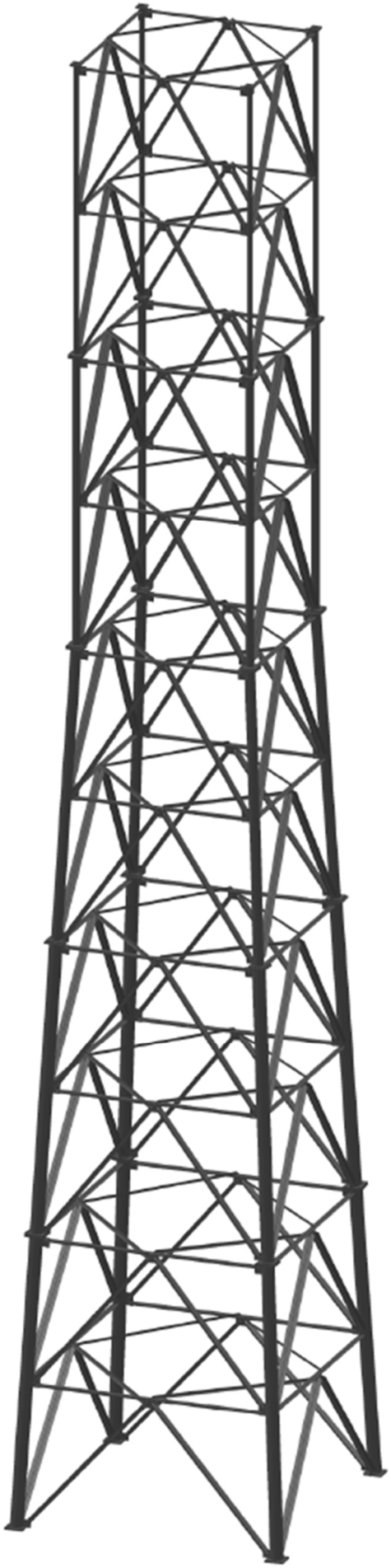
Light and Medium Tower

No.	*Description*	*Part No.*	*Quantities Required for the Following Different Height*							
			40 ft (L)	**40 ft (M)**	**60 ft (L)**	**60 ft (M)**	**80 ft (L)**	**80 ft (M)**	**100 ft (L)**	**100 ft (M)**
	If Wind Speed = 100 mph per UBC	*Ant. Area =>*	*238 sq ft*	*285 sq ft*	*86 sq ft*	*129 sq ft*	*70 sq ft*	*107 sq ft*	*63 sq ft*	*102 sq ft*
	If Wind Speed = 100 mph per EIA	*Ant. Area =>*	*354 sq ft*	*450 sq ft*	*147 sq ft*	*214 sq ft*	*128 sq ft*	*196 sq ft*	*117 sq ft*	*190 sq ft*
	If Wind Speed = 70 mph per UBC	*Ant. Area =>*	*570 sq ft*	*678 sq ft*	*209 sq ft*	*310 sq ft*	*196 sq ft*	*283 sq ft*	*189 sq ft*	*270 sq ft*
	If Wind Speed = 70 mph per EIA	*Ant. Area =>*	*805 sq ft*	*1000 sq ft*	*347 sq ft*	*490 sq ft*	*320 sq ft*	*459 sq ft*	*300 sq ft*	*422 sq ft*
1	TKD-301, 20' Section Assy	150-30100	*0*	*0*	*1*	*0*	*1*	*0*	*1*	*0*
2	TKD-302, 20' Section Assy	150-30200	*0*	*0*	*0*	*1*	*0*	*1*	*0*	*1*
3	TKD-302XX, 20' Section Assy	150-30267	*0*	*0*	*1*	*0*	*1*	*0*	*1*	*0*
4	TKD-303, 20' Section Assy	150-30300	*1*	*0*	*1*	*1*	*1*	*1*	*1*	*1*
5	TKD-304, 20' Section Assy	150-30400	*0*	*1*	*0*	*0*	*0*	*0*	*0*	*0*
6	TKD-304X, 20' Section Assy	150-30430	*1*	*0*	*0*	*1*	*1*	*1*	*1*	*1*
7	TKD-305, 20' Section Assy	150-30500	*0*	*1*	*0*	*0*	*0*	*1*	*1*	*1*
8	TKD-306X, 20' Section Assy	150-30647	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1*
9	TKD-307, 20' Section Assy	150-30700	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
10	TKD-308X, 20' Section Assy	150-30801	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
11	TKD-309, 20' Section Assy	150-30900	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
12	TKD-310, 20' Section Assy	160-31006-1	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
13	TKD-301-304, Top Cap Assy	200-00415	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
14	Anchor Bolt Kit #1 (3/4" x 48")	150-35010	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
15	Anchor Bolt Kit #2 (1.0" x 48")	150-35046	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
16	BGK #3, Base Grounding Kit	968-30000	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
	Tower Part Number		*150-85019*	*150-85020*	*150-85021*	*150-85022*	*150-85023*	*150-85024*	*150-85025*	*150-85026*
	Tower Weight		*2463*	*2945*	*2556*	*3151*	*3839*	*4761*	*5449*	*7041*

TKD Self Supporting Tower

Light and Medium Tower

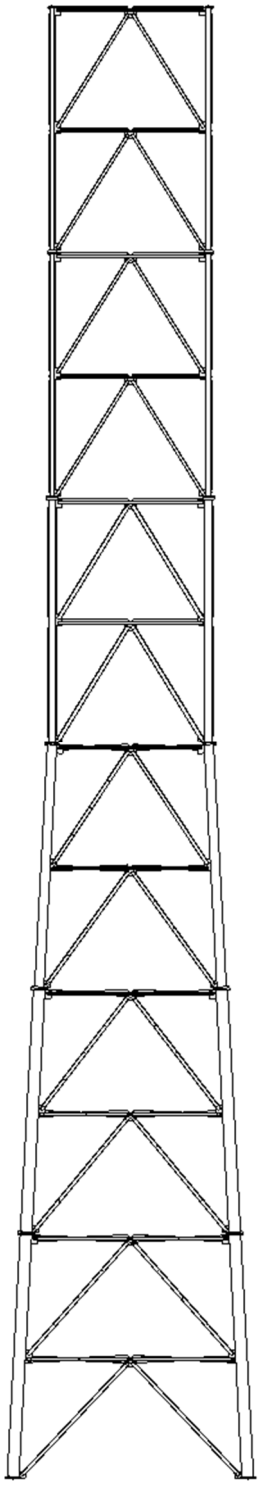
No.	*Description*	*Part No.*	*Quantities Required for the Following Different Height*						
			120 ft (L)	**120 ft (M)**	**140 ft (L)**	**140 ft (M)**	**160 ft**	**180 ft**	**200 ft**
	If Wind Speed = 100 mph per UBC	*Ant. Area =>*	*50 sq ft*	*92 sq ft*	*44 sq ft*	*82 sq ft*	*35 sq ft*	*31 sq ft*	*28 sq ft*
	If Wind Speed = 100 mph per EIA	*Ant. Area =>*	*107 sq ft*	*178 sq ft*	*88 sq ft*	*173 sq ft*	*83 sq ft*	*77 sq ft*	*70 sq ft*
	If Wind Speed = 70 mph per UBC	*Ant. Area =>*	*168 sq ft*	*248 sq ft*	*162 sq ft*	*240 sq ft*	*150 sq ft*	*141 sq ft*	*132 sq ft*
	If Wind Speed = 70 mph per EIA	*Ant. Area =>*	*285 sq ft*	*407 sq ft*	*269 sq ft*	*392 sq ft*	*256 sq ft*	*243 sq ft*	*225 sq ft*
1	TKD-301, 20’ Section Assy	150-30100	*1*	*0*	*1*	*0*	*1*	*1*	*1*
2	TKD-302, 20’ Section Assy	150-30200	*0*	*1*	*0*	*1*	*0*	*0*	*0*
3	TKD-302XX, 20’ Section Assy	150-30267	*1*	*0*	*1*	*1*	*1*	*1*	*1*
4	TKD-303, 20’ Section Assy	150-30300	*1*	*1*	*1*	*1*	*1*	*1*	*1*
5	TKD-304, 20’ Section Assy	150-30400	*0*	*0*	*0*	*0*	*0*	*0*	*0*
6	TKD-304X, 20’ Section Assy	150-30430	*1*	*1*	*1*	*1*	*1*	*1*	*1*
7	TKD-305, 20’ Section Assy	150-30500	*1*	*1*	*1*	*1*	*1*	*1*	*1*
8	TKD-306X, 20’ Section Assy	150-30647	*1*	*1*	*1*	*1*	*1*	*1*	*1*
9	TKD-307, 20’ Section Assy	150-30700	*0*	*1*	*1*	*1*	*1*	*1*	*1*
10	TKD-308X, 20’ Section Assy	150-30801	*0*	*0*	*0*	*1*	*1*	*1*	*1*
11	TKD-309, 20’ Section Assy	150-30900	*0*	*0*	*0*	*0*	*0*	*1*	*1*
12	TKD-310, 20’ Section Assy	160-31006-1	*0*	*0*	*0*	*0*	*0*	*0*	*1*
13	TKD-301-304, Top Cap Assy	200-00415	*3*	*3*	*3*	*3*	*3*	*3*	*3*
14	Anchor Bolt Kit #1 (3/4” x 48”)	150-35010	*1*	*1*	*1*	*1*	*0*	*0*	*0*
15	Anchor Bolt Kit #2 (1.0” x 48”)	150-35046	*0*	*0*	*0*	*0*	*1*	*1*	*1*
16	BGK #3, Base Grounding Kit	968-30000	*1*	*1*	*1*	*1*	*1*	*1*	*1*
18	**Tower Part Number**		*150-85027*	*150-85028*	*150-85029*	*150-85030*	*150-85031*	*150-85032*	*150-85033*
19	**Tower Weight**		*7729*	*9539*	*10227*	*13391*	*13319*	*17587*	*22066*



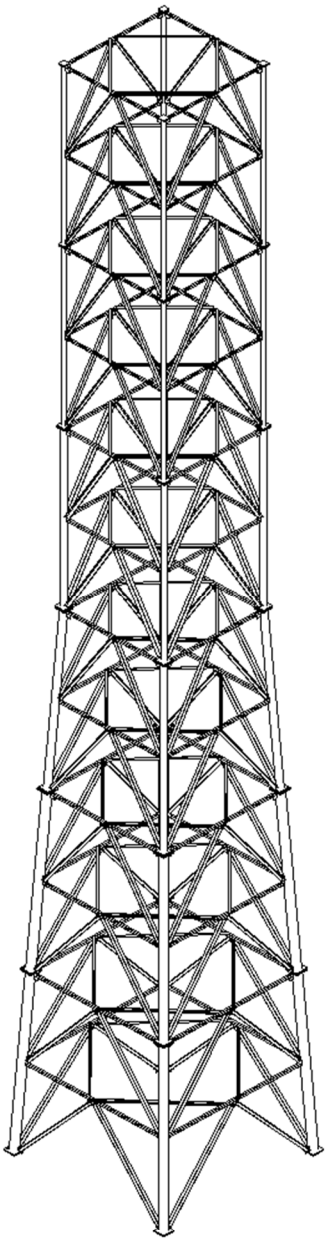
K-Series Towers

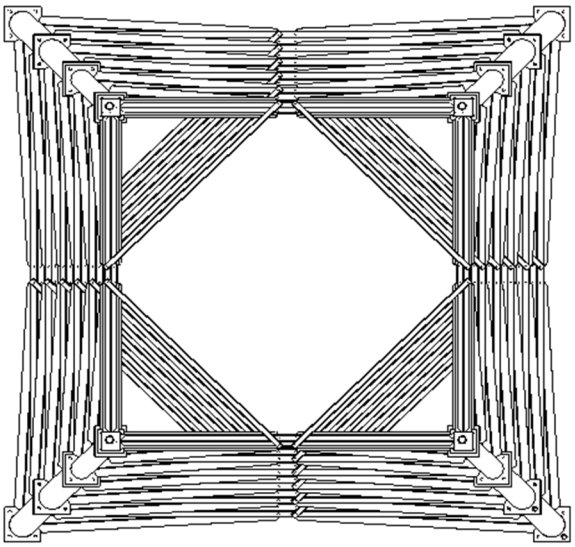
- Construction: The K-Series Towers are constructed with pipe legs angle braces, 3 or 4 sided.
- Finish: All tower components are completely hot dipped galvanized after fabrication.
- Standard K series tower heights are 80’, 100’ or 120’.
- Our Engineering staff is ready to develop any custom design for your specific need. Contact our sales representative.

K-Series Towers



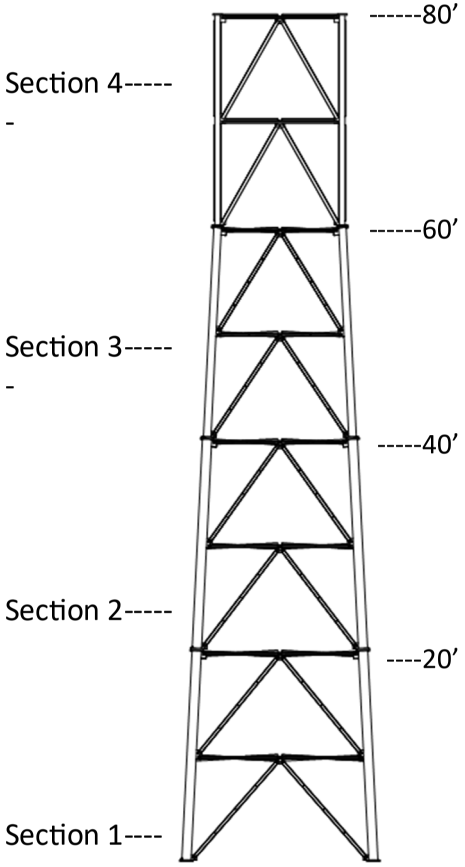
Elevation View
(K-120 Shown)



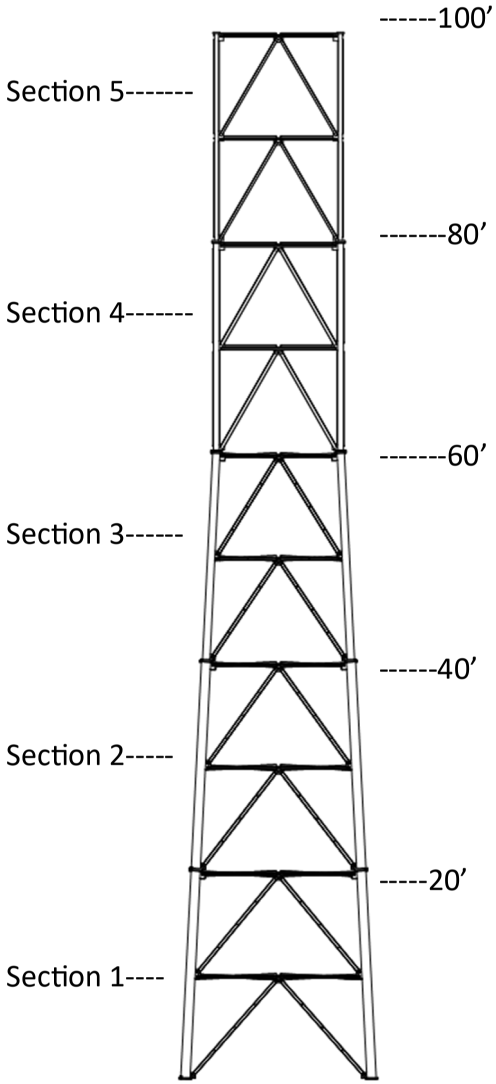


Plan View

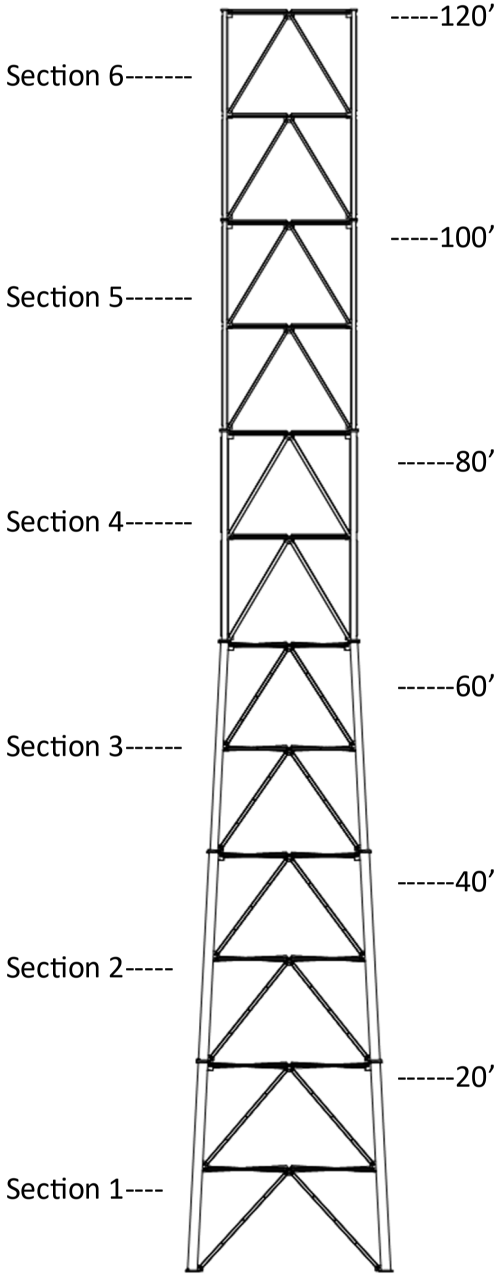
K-Series Towers



K-80



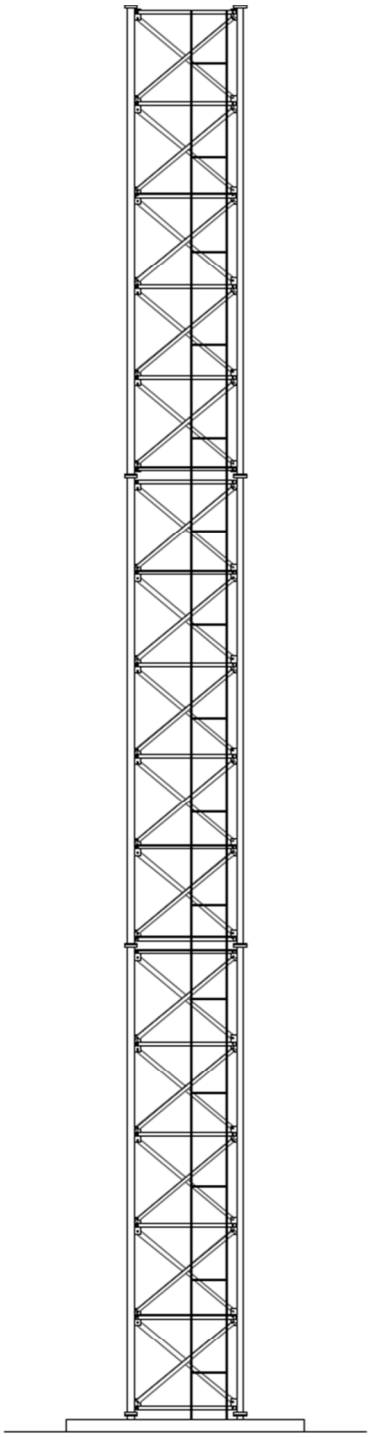
K-100



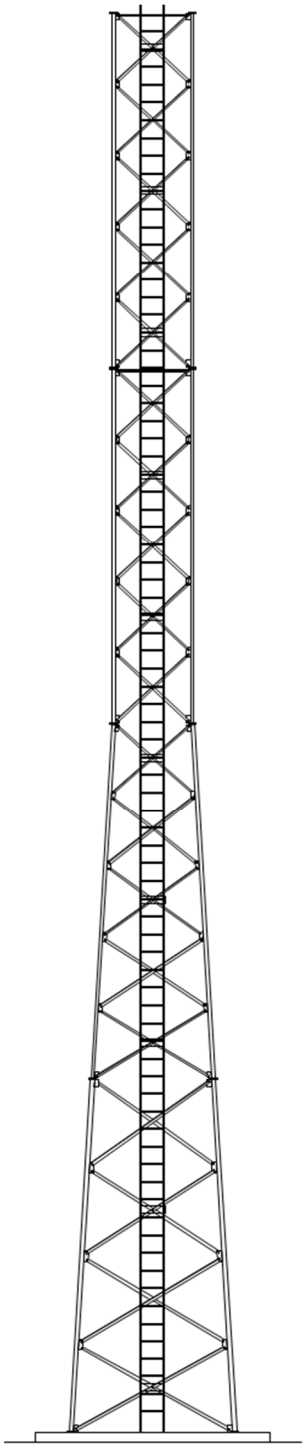
K-120

Guyed and Self-Supporting Tower Accessories

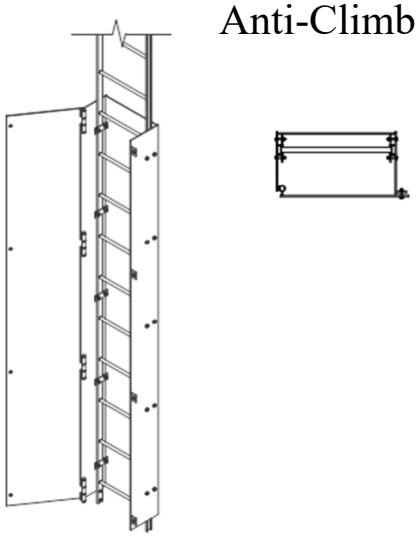
Waveguide Ladder



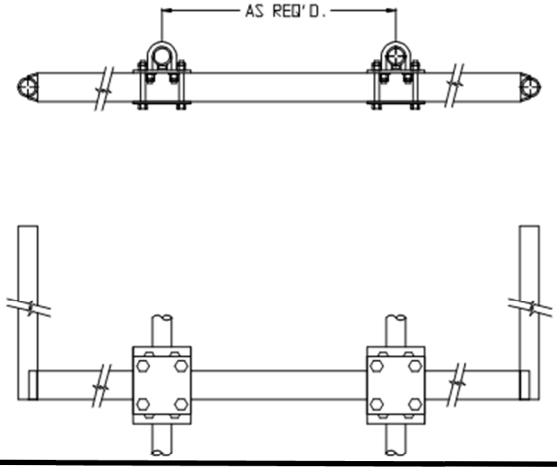
Climb Ladder

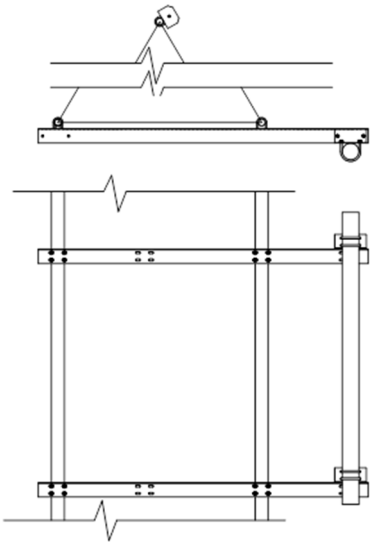


Anti-Climb



Side Arm Antenna Mount





Dish Mount

Price List

Guy and Self-Supporting Towers and Accessories

2024 Tower Price List

Description	Part No.	Weight (lb)	Price
MODEL T-15 SECTIONS			
T-15 Standard 10’ Sections	115-00301	52	$237.00
T-15 Top Plate	115-00303	10	$110.00
T-15 Flat Base	115-00304	18	$130.00
T-15 Concrete Base	115-00305	20	$138.00
T-15 Tapered Base Mount	115-00324	46	$375.00
T-15 Tilt Base	115-00422	27	$495.00
T-15 Mast Anchor Plate	115-00307	7	$150.00
T-15 CDR Plate	115-00308	6	$150.00
T-15 Guy Bracket	115-00325	8	$180.00
T-15 Guy Bracket w/ Torque Bar	115-00326	14	$195.00
T-15 Torque Arm Assembly	115-00311	46	$276.00
T-15 2" Dish Mount	115-00327	26	$159.00
T-15 4" Dish Mount	115-00375	48	$329.00
T-15 Erection Fixture	115-00312	40	$511.00
MODEL T-20 SECTIONS			
T-20-120, 5’ Section	220-00338	64	$352.00
T-20-120, 10’ Section	220-00504	112	$547.00
T-20-120, 20’ Section	220-00503	207	$926.00
T-20-180, 20’ Section Heavy	220-00505	313	$1,336.00
T-20-180, 20’ Section Heavy	220-00577	335	$1,461.00
T-20 Concrete Base Mount	220-00516	60	$385.00
T-20 Flat Base Mount	220-00513	75	$310.00
T-20 Tapered Base Mount	220-00323	122	$839.00
T-20 Top Cap	220-00512	2	$18.00
T-20 Top 1/2” Plate	220-00517	42	$200.00
T-20 Beacon 3/8” Plate	220-00305	39	$174.00
T-20 Mast Anchor Plate	220-00306	18	$150.00
T-20 Guy Bracket	220-00308	33	$193.00
T-20 Guy Bracket w/Torque Bars	220-00511	41	$270.00
T-20 Torque Arm Assembly	220-00310	89	$401.00
T-20 Mast Flange	220-00528	18	$92.00
T-20 Dish Mount	220-00312	102	$455.00

Tower Price List

Description	Part No.	Weight (lb)	Price
MODEL T-20 GUY TOWER KITS			
T-20 40’ Guy Tower Kit	220-00554	622	$3,389.00
T-20 50’ Guy Tower Kit	220-00555	734	$3,889.00
T-20 60’ Guy Tower Kit	220-00556	862	$4,716.00
T-20 70’ Guy Tower Kit	220-00557	974	$5,241.00
T-20 80’ Guy Tower Kit	220-00558	1069	$5,650.00
T-20 90’ Guy Tower Kit	220-00559	1181	$6,159.00
T-20 100’ Guy Tower Kit	220-00560	1378	$7,362.00
T-20 110’ Guy Tower Kit	220-00561	1490	$7,887.00
T-20 120’ Guy Tower Kit	220-00562	1585	$8,321.00
T-20 130’ Guy Tower Kit	220-00563	1697	$8,830.00
T-20 140’ Guy Tower Kit	220-00564	1825	$9,798.00
T-20 150’ Guy Tower Kit	220-00565	1937	$10,349.00
T-20 160’ Guy Tower Kit	220-00566	2032	$10,766.00
T-20 170’ Guy Tower Kit	220-00567	2177	$11,918.00
T-20 180’ Guy Tower Kit	220-00568	2272	$12,328.00
T-20 190’ Guy Tower Kit	220-00569	2384	$12,902.00
T-20 200’ Guy Tower Kit	220-00570	2479	$13,328.00
T-20 210’ Guy Tower Kit	220-00571	2678	$15,089.00
T-20 220’ Guy Tower Kit	220-00572	2773	$15,524.00
MODEL T-20 SELF SUPPORTING TOWER KITS			
T-20 10’ Self Supporting Tower Kit	220-00574	171	$855.00
T-20 20’ Self Supporting Tower Kit	220-00547	266	$1,330.00
T-20 30’ Self Supporting Tower Kit	220-00575	450	$2,278.00
T-20 40’ Self Supporting Tower Kit	220-00548	550	$2,750.00
MODEL T-26 SECTIONS			
T-26 10’ Section .120 Wall	226-00404	191	$778.00
T-26 20’ Section .120 Wall	226-00402	337	$1,450.00
T-26 20’ Section .120 Wall(G)	226-00359	340	$1,612.00
T-26 10’ Section .180 Wall	226-00403	228	$1,146.00
T-26 20’ Section .180 Wall	226-00401	411	$2,068.00
T-26 10’ Section .250 Wall	226-00406	261	$1,426.00
T-26 20’ Section .250 Wall	226-00405	477	$2,677.00
T-26 Concrete Base	226-00307	117	$657.00
T-26 Flat Base Mount	226-00426	156	$442.00
T-26 Tapered Base Mount	226-00322	210	$985.00
T-26 Top Plate	226-00311	64	$234.00
T-26 Top Cap	226-00308	4	$18.00
T-26 Beacon Plate	226-00418	64	$234.00
T-26 Guy Bracket	226-00317	35	$167.00
T-26 Guy Bracket w/Torque Bars	226-00319	50	$243.00
T-26 Torque Arm Assembly	226-00408	109	$477.00
T-26 5’ Standard Mast Flange	226-00409	18	$143.00
T-26 Dish Mount	226-00414	113	$482.00

Tower Price List

Description	Part No.	Weight (lb)	Price
MODEL T-26-250 SELF SUPPORTING TOWER KITS			
T-26-250 20’ Self Supporting Tower Kit	226-00510	488	$3,096.00
T-26-250 30’ Self Supporting Tower Kit	226-00511	679	$4,061.00
T-26-250 40’ Self Supporting Tower Kit	226-00512	825	$5,251.00
T-26-250 50’ Self Supporting Tower Kit	226-00513	1016	$6,239.00
T-26-250 60’ Self Supporting Tower Kit	226-00514	1162	$7,012.00
MODEL T-36 SECTIONS			
T-36 Standard 9’ Section	236-00402	215	$919.00
T-36X, X-Braced 9’ Section	236-00418	262	$1,009.00
T-36H, Heavy Duty 9’ Section	236-00404	296	$1,364.00
T-36HX, Heavy Duty, X-Braced 9’Section	236-00432	317	$1,364.00
T-36EHX, Extra Heavy Duty X-Braced 9’ Section	236-00433	373	$1,108.00
T-36 EH, Extra Heavy Duty 9’ Section	236-00407	348	$1,547.00
T-36EHX, Extra Heavy Duty, X-Braced 9’ Section	236-00433	373	$1,616.00
T-36 Standard 20’ Section	236-00401	425	$1,829.00
T-36 X-Braced 20’ Section	236-00411	510	$2,193.00
T-36H, Heavy Duty, 20’ Section	236-00401-2	607	$2,610.00
T-36HX, Heavy Duty, X-Braced 20’ Section	236-00412	632	$2,718.00
T-36EH, Extra Heavy Duty 20’ Section	236-00401-3	722	$3,105.00
T-36EHX, Extra Heavy X-Braced 20’ Section	236-00415	744	$3,199.00
T-36EHX(G), Extra Heavy X-Braced 20’ Section	236-00424	758	$3,227.00
T-36 Concrete Base	236-00422	193	$830.00
T-36 Tapered Base Mount	236-00314	404	$1,737.00
T-36 Top Caps	236-00315	5	$25.00
T-36 Top Plate	236-00438	40	$301.00
T-36 Beacon Plate	236-00434	32	$259.00
T-36 Guy Bracket	236-00306	90	$387.00
T-36 Torque Arm Assembly	236-00427	447	$1,922.00
T-36 Dish Mount	236-00322	168	$722.00
T-36 5’ Mast Flange	236-00426	21	$191.00

Tower Price List

Description	Part No.	Weight (lbs)	Price
MODEL T-36 HEAVY SELF SUPPORTING TOWER KITS			
T-36 20’ Heavy Self Supporting Tower Kit	236-00521	998	$4,366.00
T-36 30’ Heavy Self Supporting Tower Kit	236-00522	1296	$5,669.00
T-36 40’ Heavy Self Supporting Tower Kit	236-00523	1643	$7,187.00
T-36 50’ Heavy Self Supporting Tower Kit	236-00524	2054	$8,835.00
T-36 60’ Heavy Self Supporting Tower Kit	236-00525	2401	$10,326.00
T-36 70’ Heavy Self Supporting Tower Kit	236-00526	2624	$11,285.00
MODEL T-48 SECTIONS			
T-48 Standard 9’ Section	248-00402	338	$1,454.00
T-48X, X-Braced 9’ Section	248-00409	377	$1,649.00
T-48H, Heavy Duty 9’ Section	248-00404	387	$1,721.00
T-48HX, Heavy Duty X-Braced 9’ Section	248-00411	426	$1,832.00
T-48EH, Extra Heavy Duty 9’ Section	248-00407	462	$2,021.00
T-48EHX, Extra Heavy X-Braced 9’ Section	248-00413	500	$2,239.00
T-48 Standard 20’ Section	248-00401	668	$2,873.00
T-48X, X-Braced 20’ Section	248-00408	763	$3,281.00
T-48H, Heavy Duty 20’ Section	248-00403	778	$7,531.00
T-48HX, Heavy Duty, X-Braced 20’ Section	248-00410	874	$3,759.00
T-48EH, Extra Heavy Duty 20’ Section	248-00406	943	$4,194.00
T-48EHX, Extra Heavy Duty, X-Braced 20’ Section	248-00412	1039	$4,377.00
T-48EHX,(G),Extra Heavy Duty, X-Braced 20’ Section	248-00418	1048	$4,478.00
T-48 Concrete Base	248-00405	253	$1,180.00
T-48 Tapered Base Mount	248-00313	619	$2,708.00
T-48 Top Cap	248-00417	7	$34.00
T-48 Top Plate	248-00431	36	$259.00
T-48 Guy Bracket	248-00428	104	$482.00
T-48 Torque Arm Assembly	248-00420	657	$3,352.00
T-48 Dish Mount	248-00309	184	$791.00
T-48 5’ Mast Flange	248-00416	25	$202.00

Tower Price List

Description	Part No.	Weight (lb)	Price
MODEL T-48 HEAVY SELF SUPPORTING TOWER KITS			
T-48 20’ Heavy Self Supporting Tower Kit	248-00478	972	$4,860.00
T-48 30’ Heavy Self Supporting Tower Kit	248-00479	1555	$7,775.00
T-48 40’ Heavy Self Supporting Tower Kit	248-00480	1941	$9,700.00
T-48 50’ Heavy Self Supporting Tower Kit	248-00481	2603	$13,020.00
T-48 60’ Heavy Self Supporting Tower Kit	248-00482	2989	$15,160.00
T-48 70’ Heavy Self Supporting Tower Kit	248-00483	3477	$17,500.00
T-48 80’ Heavy Self Supporting Tower Kit	248-00484	3863	$19,500.00
T-48 90’ Heavy Self Supporting Tower Kit	248-00485	4477	$22,500.00
TKD-301 SECTIONS			
TKD-301 Standard Section	150-30100	526	$2,109.00
TKD-302 SECTIONS			
TKD-302X Standard Section Heavy	150-30255	733	$3,110.00
TKD-302SN 10’ Straight & Narrow Section	150-30230	354	$1,765.00
TKD-302SN 20’ Straight & Narrow Section	150-30273-01	644	$2,583.00

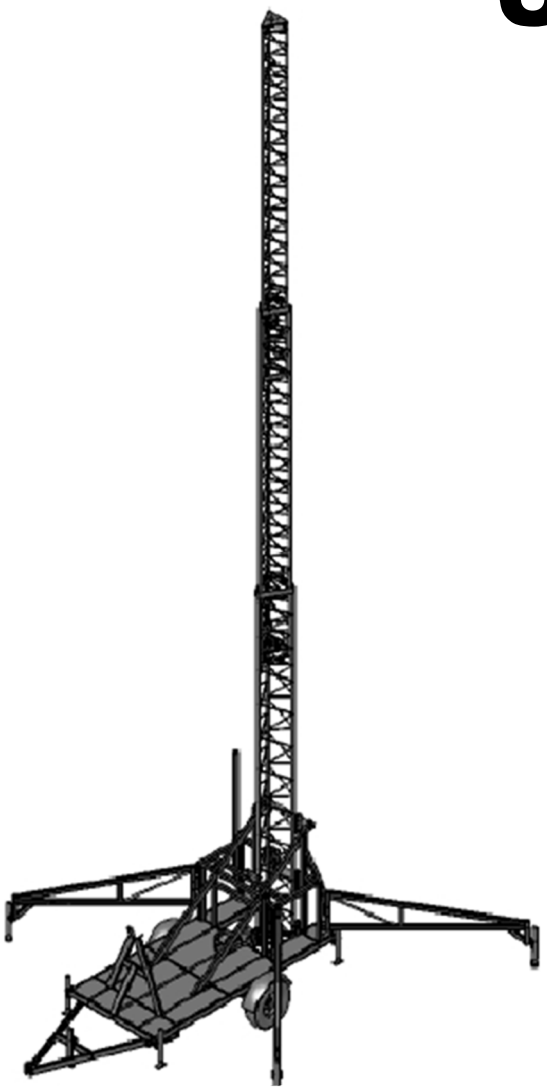
Tower Price List

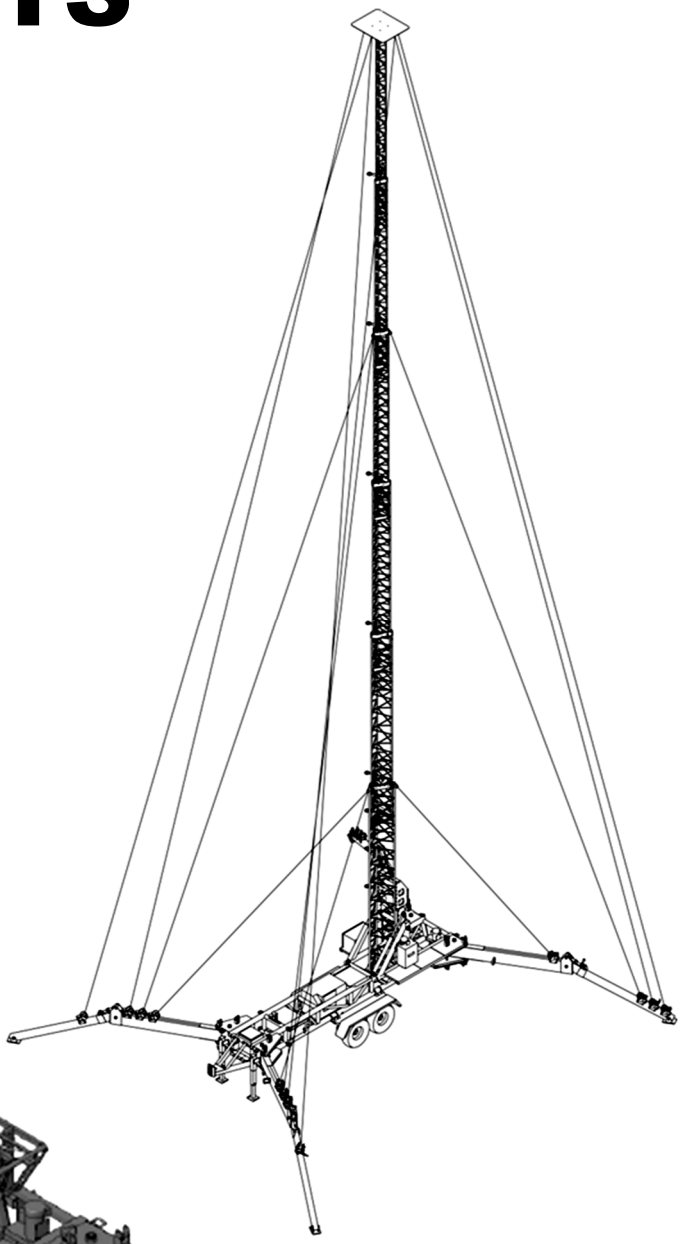
Description	Part No.	Weight (lb)	Price
TKD-303 SECTIONS			
TKD-303 Standard Section	150-30300	1020	$4,090.00
TKD-304 SECTIONS			
TKD-304X Standard Section Heavy	150-30430	1283	$7,015.00
TKD-304X Bottom Section Heavy	150-30416	1283	$7,015.00
TKD-304SN 10’ Straight & Narrow Section	150-30472	730	$2,927.00
TKD-304SN 20’ Straight & Narrow Section	150-30481	1180	$4,732.00
TKD-305 SECTIONS			
TKD-305 Standard Section	150-30500	1610	$6,455.00
TKD-305 Bottom Section	150-30515	1610	$6,455.00
TKD-305X Standard Section Heavy	150-30552	1875	$7,518.00
TKD-306 SECTIONS			
TKD-306X Standard Section Heavy	150-30647	2280	$9,142.00
TKD-307 SECTIONS			
TKD-307X Standard Section Heavy	150-30723	2762	$11,074.00
TKD-308 SECTIONS			
TKD-308X Standard Section Heavy	150-30801	3002	$12,036.00
TKD-309 SECTIONS			
TKD-309X Standard Section Heavy	150-30901	4830	$18,663.00
TKD-310 SECTIONS			
TKD-10X Standard Section Heavy	150-31006-2	5068	$19,590.00
MODEL TKD-401 SECTIONS			
TKD-401 Standard Section	150-30147	701	$3,067.00
TKD-402 SECTIONS			
TKD-402 Standard Section	150-30262	917	$4,011.00
TKD-402SN 10’ Section	150-30280	472	$2,237.00
TKD-402SN 20’ Section	150-30277	859	$4,007.00

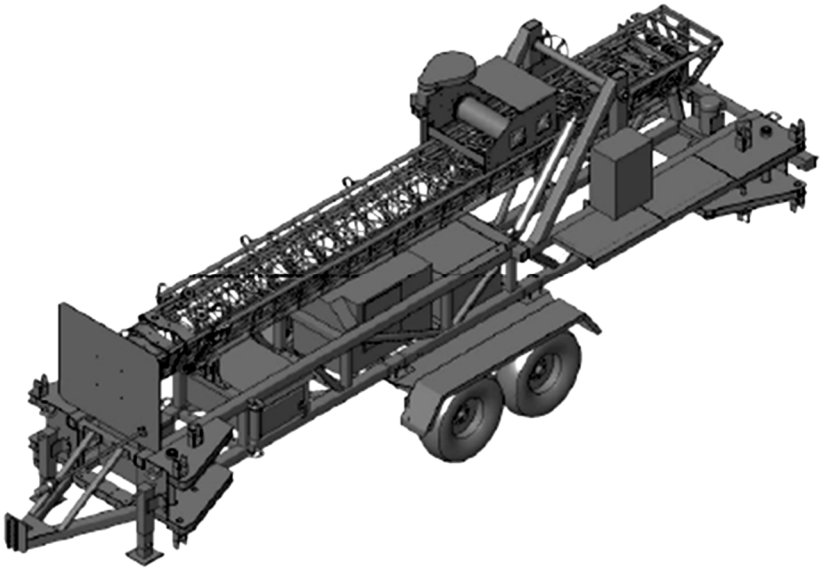
Tower Price List

Description	Part No.	Weight (lb)	Price
TKD-403 SECTIONS			
TKD-403 Standard Section	150-30364	1360	$7,016.00
TKD-403SN 10’ Section	150-30342	649	$5,835.00
TKD-403SN 20’ Section	150-30332	1224	$5,503.00
TKD-404 SECTIONS			
TKD-404X Standard Section Heavy	150-30461	1711	$7,359.00
TKD-405 SECTIONS			
TKD-405X Standard Section Heavy	150-30557	2500	$10,680.00
TKD-406 SECTIONS			
TKD-406X Standard Section Heavy	150-30651	3040	$12,633.00
TKD-407 SECTIONS			
TKD-407X Standard Section Heavy	150-30729	3683	$15,304.00
TKD-408 SECTIONS			
TKD-408X Standard Section Heavy	150-30729-2	4003	$16,040.00
TKD-409 SECTIONS			
TKD-409X Standard Section Heavy	150-30729-3	6440	$24,883.00
TKD-410 SECTIONS			
TKD-410X Standard Section Heavy	150-30729-4	6757	$27,092.00
MODEL TKD SELF SUPPORTING TOWER KITS			
TKD-303(L) 40’ Self Supporting Tower Kit	150-85019	2463	$11,132.00
TKD-304(M) 40’ Self Supporting Tower Kit	150-85020	2945	$13,311.00
TKD-303(L) 60’ Self Supporting Tower Kit	150-85021	2556	$11,552.00
TKD-304X(M) 60’ Self Supporting Tower Kit	150-85022	3151	$14,242.00
TKD-304X(L) 80’ Self Supporting Tower Kit	150-85023	3839	$17,351.00
TKD-305(M) 80’ Self Supporting Tower Kit	150-85024	4761	$21,519.00
TKD-305(L) 100’ Self Supporting Tower Kit	150-85025	5449	$24,231.00
TKD-306X(M) 100’ Self Supporting Tower Kit	150-85026	7041	$31,311.00
TKD-306X(L) 120’ Self Supporting Tower Kit	150-85027	7729	$34,370.00
TKD-307(M) 120’ Self Supporting Tower Kit	150-85028	9539	$42,418.00
TKD-307(L) 140’ Self Supporting Tower Kit	150-85029	10227	$44,882.00
TKD-308X(M) 140’ Self Supporting Tower Kit	150-85030	13391	$58,573.00
TKD-308X(L) 160’ Self Supporting Tower Kit	150-85031	13319	$59,227.00
TKD-309 180’ Self Supporting Tower Kit	150-85032	17587	$78,208.00
TKD-310 200’ Self Supporting Tower Kit	150-85033	22066	$110,000.00

TASHJIAN TOWERS
TOWER/TRAILER
UNITS







CT-33 TOWER TRAILER UNIT

TOWER TYPE: Self-supporting, extendable, manual crank-up tower.

SPECIFICATIONS:

TOWER HEIGHT: Extended 33 feet. Retracted 13 feet.

TOWER SUPPORT: Self-supporting, with guys for pointing accuracy.

WIND LOADING: Engineering analysis indicates the tower will support 20 square feet of projected area at winds of 85 MPH 3 second gust wind per ANSI/TIA EIA RS 222 Rev G.

DEAD LOAD: The maximum dead load is 300 lbs.

SECTIONS: The tower is made from 4 each 10 foot welded sections #5, #6, #7 and #8.

DESCRIPTION:

Tower is complete with 40:1 gearbox, drum and hoisting cables, and an upright tilt winch. The tower is designed to extend the tower telescopic sections uniformly.

The tower has pulley frames on two faces. The lifting cable is 1/4 x 7 x 19 aircraft cable. Because of high strength tubing and the bracing of solid rod, this design is considered to be the strongest engineering configuration for towers, yet saves weight, resists torsion load and reduces wind resistance, allowing more useful load to be installed on the tower.

TRAILER TYPE: Single axle equipped with a system of stabilizing and leveling.

SPECIFICATIONS:

TRAILER SIZE: 7'-5" wide x 17'-7" long

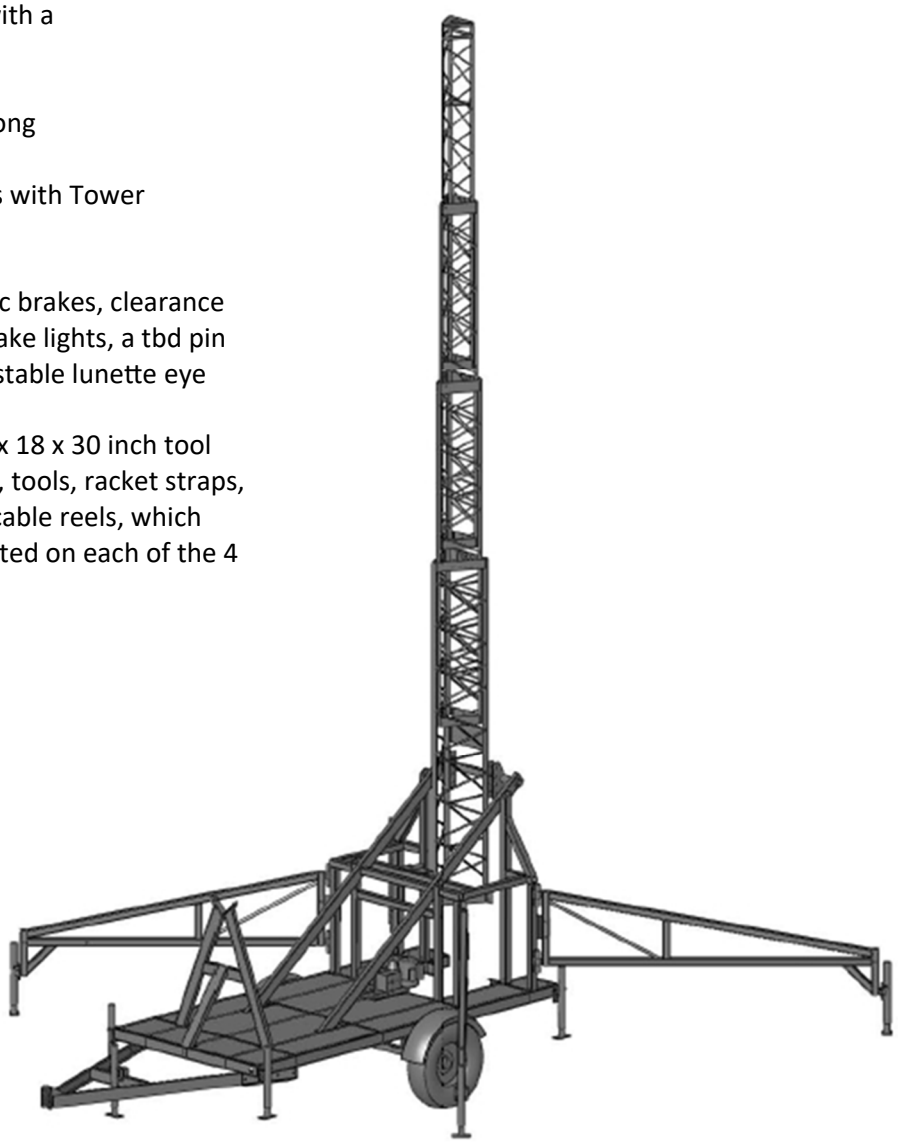
TRAILER CAPACITY: 6,000lbs

GROSS VEHICLE WEIGHT: 2,250 lbs with Tower

DESCRIPTION:

The single axle trailer has electric brakes, clearance lights, tail lights, turn signals, brake lights, a tbd pin connection to tow vehicle, adjustable lunette eye attachment ring.

The trailer is equipped with an 18 x 18 x 30 inch tool storage box for the storage of pins, tools, racket straps, and other items. There are 4 guy cable reels, which store the guy cables and are mounted on each of the 4 outriggers.



CT-50 TOWER TRAILER UNIT

TOWER TYPE: Self-supporting, extendable, manual crank-up tower.

SPECIFICATIONS:

TOWER HEIGHT: Extended 55 feet. Retracted 21 feet.
TOWER SUPPORT: Self-supporting, with guys for pointing accuracy.
WIND LOADING: Engineering analysis indicates the tower will support 20 sq ft of projected area at winds of 85
MPH 3 second gust wind per ANSI/TIA EIA RS 222 Rev G.
DEAD LOAD: The maximum dead load is 300 lbs.
SECTIONS: The tower is made from 3 each 20 foot welded sections #6, #7 and #8.

DESCRIPTION:

Tower is complete with 40:1 gearbox, drum and hoisting cables, and an upright tilt winch. The tower is designed to extend the tower telescopic sections uniformly.
The tower has pulley frames on two faces. The lifting cable is 1/4 x 7 x 19 aircraft cable. Because of high strength tubing and the bracing of solid rod, this design is considered to be the strongest engineering configuration for towers, yet saves weight, resists torsion load and reduces wind resistance, allowing more useful load to be installed on the tower.

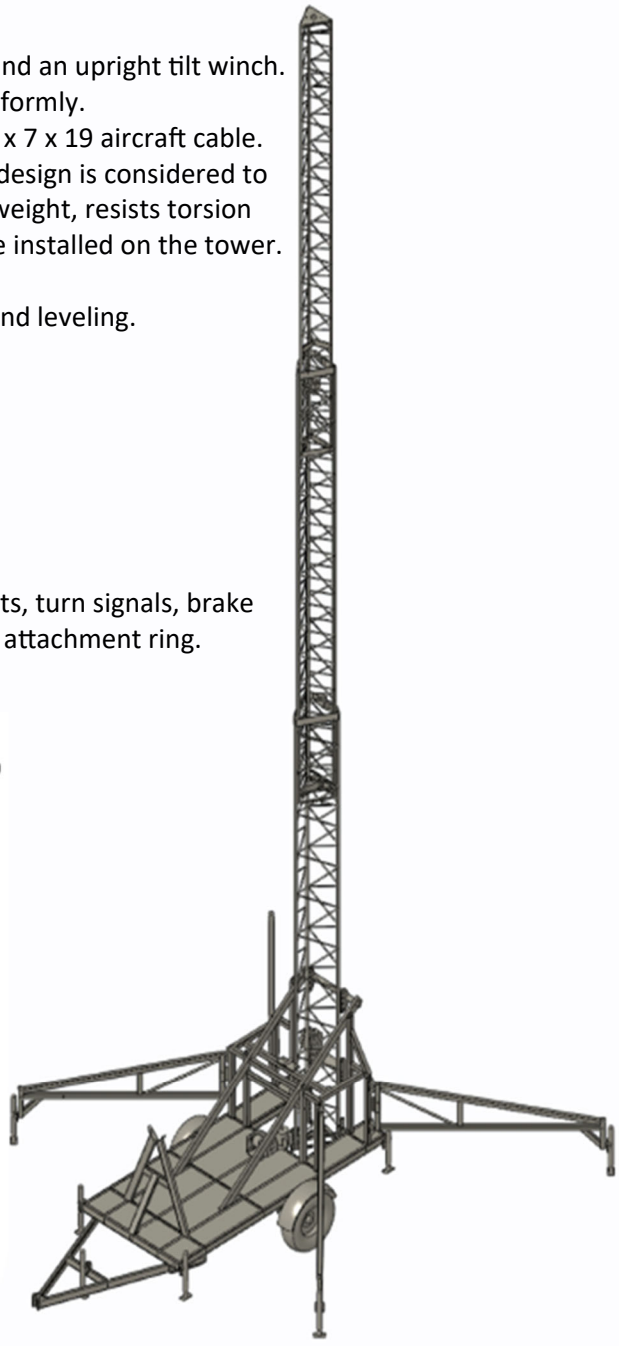
TRAILER TYPE: Single axle equipped with a system of stabilizing and leveling.

SPECIFICATIONS:

TRAILER SIZE: 7'-5" wide x 17'-7" long
TRAILER CAPACITY: 6,000lbs
GROSS VEHICLE WEIGHT: 3,000 lbs with Tower

DESCRIPTION:

The single axle trailer has electric brakes, clearance lights, tail lights, turn signals, brake lights, a tbd pin connection to tow vehicle, adjustable lunette eye attachment ring.
The trailer is equipped with an 18 x 18 x 30 inch tool storage box for the storage of pins, tools, racket straps, and other items. There are 4 guy cable reels, which store the guy cables and are mounted on each of the 4 outriggers.



CT-70 TOWER TRAILER UNIT

TOWER TYPE: Self-supporting, extendable, manual crank-up tower.

SPECIFICATIONS:

TOWER HEIGHT: Extended 69 feet (70 feet from the ground). Retracted 25'-6".
TOWER SUPPORT: Trailer mounted tower with (1) top level of guy cables.
WIND LOADING: Engineering analysis indicates the tower will support 17 square feet of projected area at winds of 85 MPH 3 second gust wind per ANSI/TIA EIA RS 222 Rev G.
DEAD LOAD: The maximum dead load is 500 lbs.
GROSS VEHICLE WEIGHT: 3,500 lbs with tower
SECTIONS: The tower is made from 4 each 20 foot welded sections #5, #6, #7 and #8.

DESCRIPTION:

Tower is complete with 40:1 gearbox, drum and hoisting cables, and an upright tilt winch. The tower is designed to extend the tower telescopic sections uniformly. The tower has pulley frames on two faces. The lifting cable is 1/4 x 7 x 19 aircraft cable. Because of high strength tubing and the bracing of solid rod, this design is considered to be the strongest engineering configuration for towers, yet saves weight, resists torsion load and reduces wind resistance, allowing more useful load to be installed on the tower.

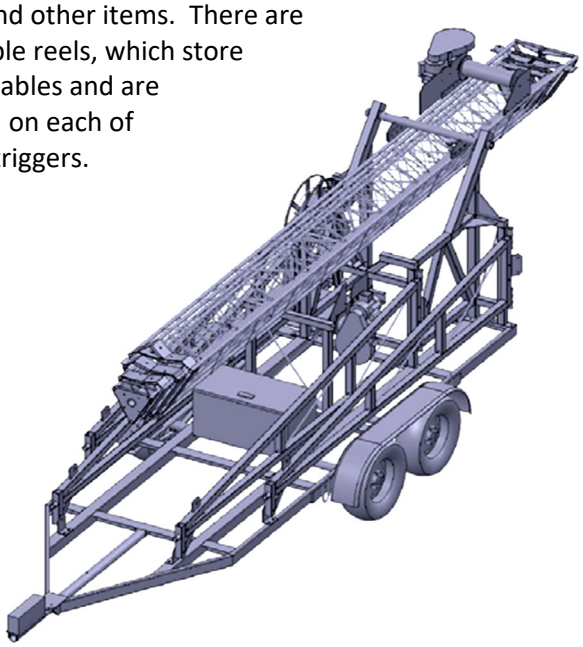
TRAILER TYPE: Single axle equipped with a system of stabilizing and leveling.

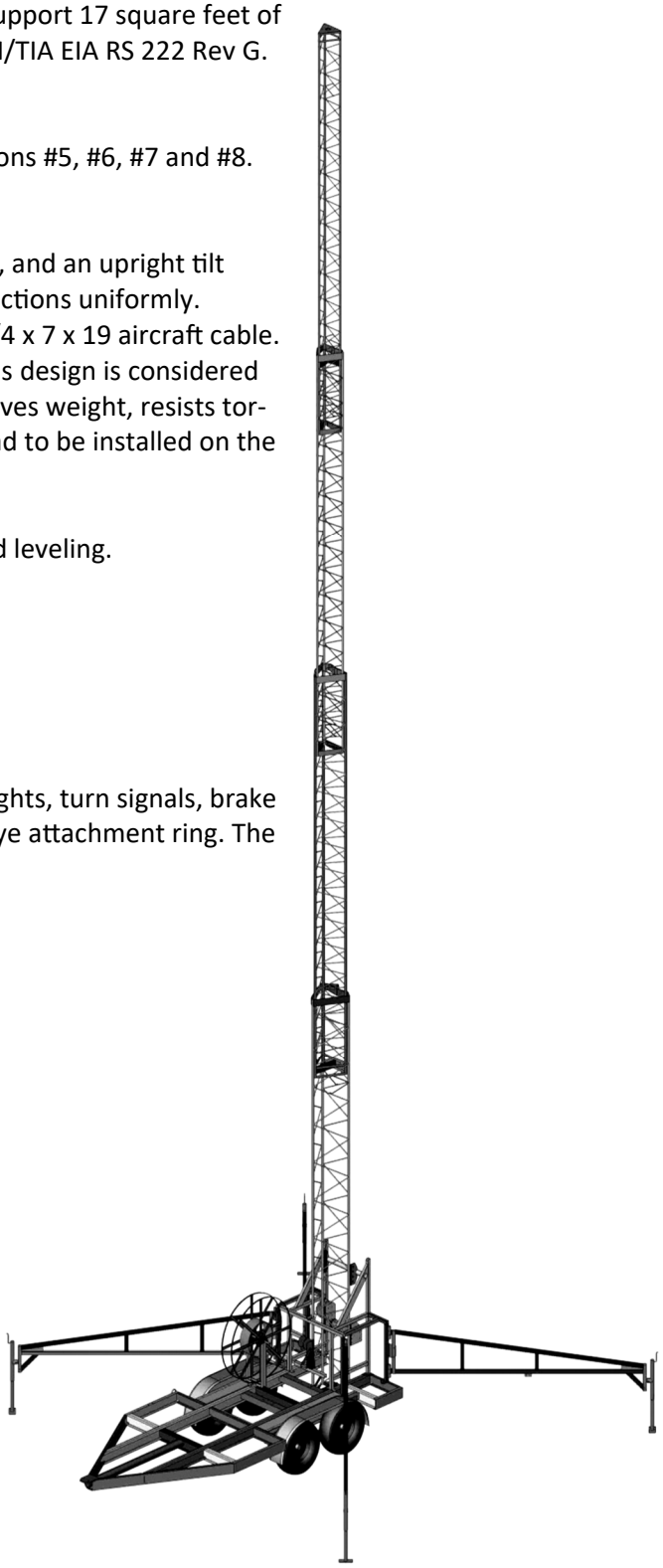
SPECIFICATIONS:

TRAILER SIZE: 7'-5" wide x 17'-7" long
TRAILER CAPACITY: 6,000 lbs

DESCRIPTION:

The single axle trailer has electric brakes, clearance lights, tail lights, turn signals, brake lights, a tbd pin connection to tow vehicle, adjustable lunette eye attachment ring. The trailer is equipped with an 18 x 18 x 30 inch tool storage box for the storage of pins, tools, racket straps, and other items. There are 4 guy cable reels, which store the guy cables and are mounted on each of the 4 outriggers.





CT-85 TOWER TRAILER UNIT

TYPE: Tower, Guyed, Extendable, Motorized.

SPECIFICATIONS:

TOWER HEIGHT: Extended 84’ (85’ from the ground). Retracted 26 feet.

TOWER SUPPORT: Trailer mounted tower with (1) top level of Guy Cables.

WIND LOADING: Engineering analysis indicates the tower will support 17 square feet of projected area at the wind speed of 85 mph with 3-second gust per the EIA RS 222 Rev. G.

DEAD LOAD: The maximum dead load is 500 lbs.

WEIGHT: The tower & trailer GVWR 6,200 pounds.

SECTIONS: The tower is made from 5 each 20-foot sections #5, #6, #7, #8, #9.

DESCRIPTION:

The DX-86 Tower is designed to be mounted on a tilting frame. The frame is mounted to a TRA-9 trailer. The tower is raised and lowered with a cable system. The tower is extended with a lift cable driven onto a drum with a 3/4hp electric motor and gearbox. The electrical system has an electric
control box and limit switches. The 3/4 hp motor and controls are wired 110 VAC.

The tower is equipped with top guy loops on the #5 section for the attachments of (4) guy cables. The guy cables are guyed to the (4) trailer mounted outriggers, each with a turnbuckle for adjustment.

The tower is mounted horizontal on a frame. It is tilted to the vertical position by cable pulley arrangement driven onto a drum with a 3/4 hp electric motor and gearbox.

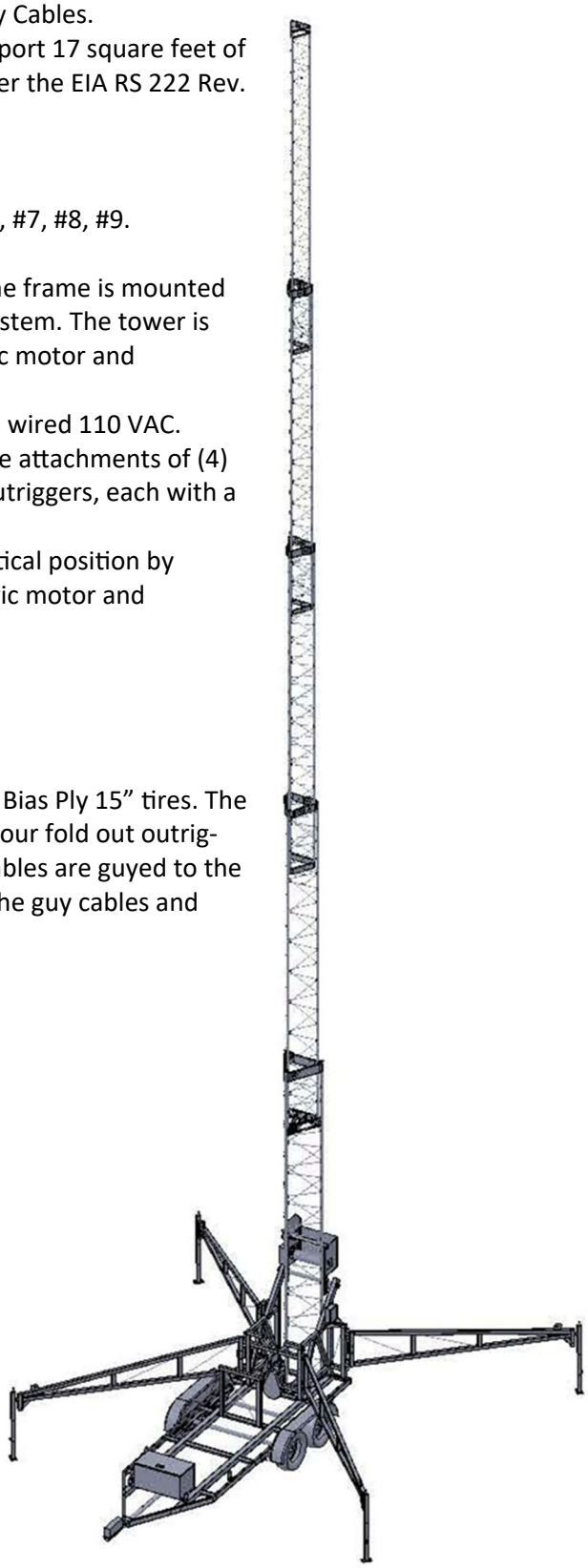
TRAILER TYPE: Tandem axle trailer with hydraulic surge brakes

SPECIFICATIONS:

FRAME SIZE: 7’-4” wide x 20’-0”

DESCRIPTION:

The trailer is equipped with tandem 6000 lbs capacity axles and 4 Bias Ply 15” tires. The front axle has hydraulic surge brakes. The trailer has a front jack and four fold out outriggers with jacks to provide a stabilizing and leveling system. The guy cables are guyed to the end of the outriggers. There is a front mounted storage box to store the guy cables and other accessories during transport.



CT-100 TOWER TRAILER UNIT

TYPE: Tower, Guyed, Extendable, Motorized.

SPECIFICATIONS:

TOWER HEIGHT: Extended 101’ (100’ from the ground). Retracted 27 feet.
TOWER SUPPORT: Trailer mounted tower with (1) top level of guy cables.
WIND LOADING: Engineering analysis indicates the tower will support 17 square feet of projected area at the wind speed of 85 mph with 3- second gust per the EIA RS 222 Rev. G.
DEAD LOAD: The maximum dead load is 500 lbs.
WEIGHT: The tower & trailer GVWR 6,200 pounds.
SECTIONS: The tower is made from 6 each 20-foot sections #4,#5, #6, #7, #8, #9.

DESCRIPTION:

The DX-100 Tower is designed to be mounted on a tilting frame. The frame is mounted to a TRA-9 trailer. The tower is raised and lowered with a cable system. The tower is extended with a lift cable driven onto a drum with a 3/4hp electric motor and gearbox. The electrical system has an electric control box and limit switches. The 3/4 hp motor and controls are wired 110 VAC.

The tower is equipped with top guy loops on the #5 section for the attachments of (4) guy cables. The guy cables are guyed to the (4) trailer mounted outriggers, each with a turnbuckle for adjustment. The tower is mounted horizontal on a frame. It is tilted to the vertical position by cable pulley arrangement driven onto a drum with a 3/4 hp electric motor and gearbox.

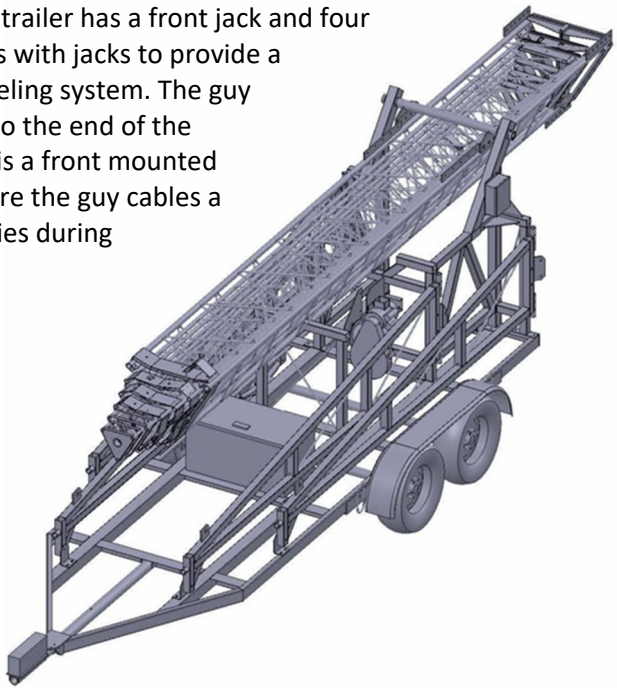
TRAILER TYPE: Tandem axle trailer with hydraulic surge brakes

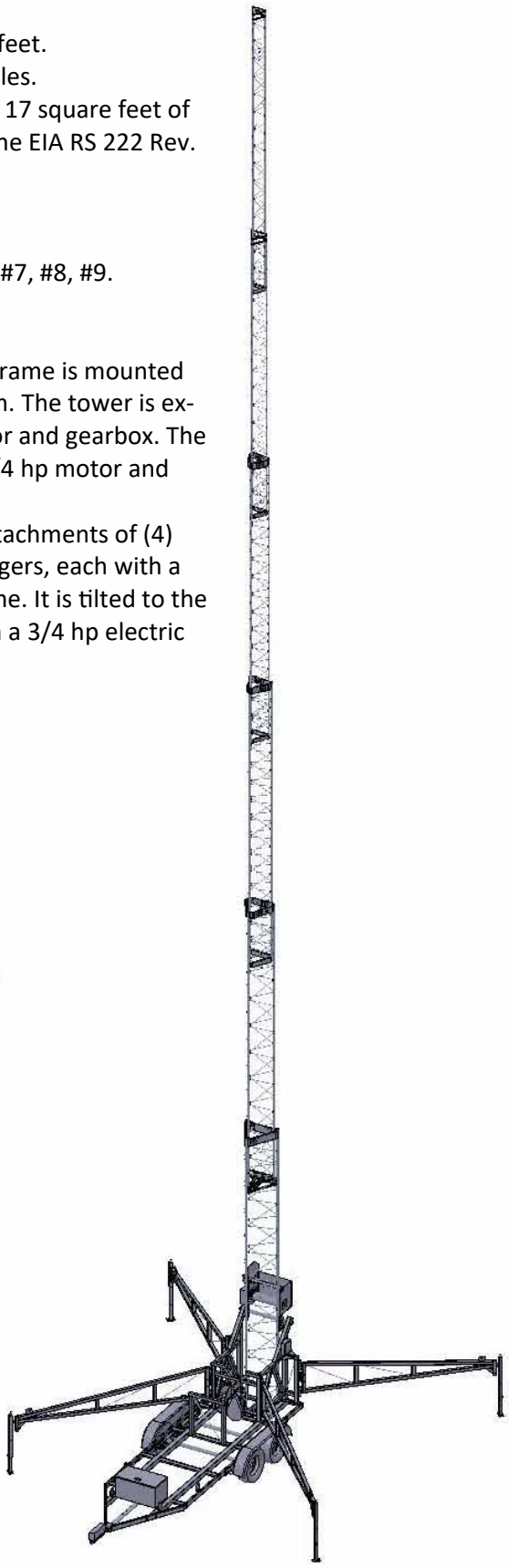
SPECIFICATIONS:

FRAME SIZE: 7’-4” wide x 20’-0”

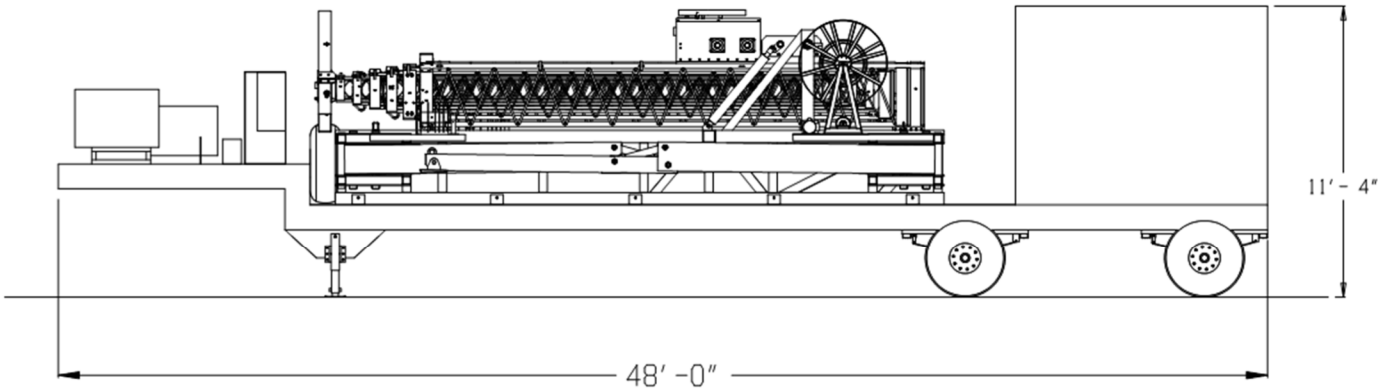
DESCRIPTION:

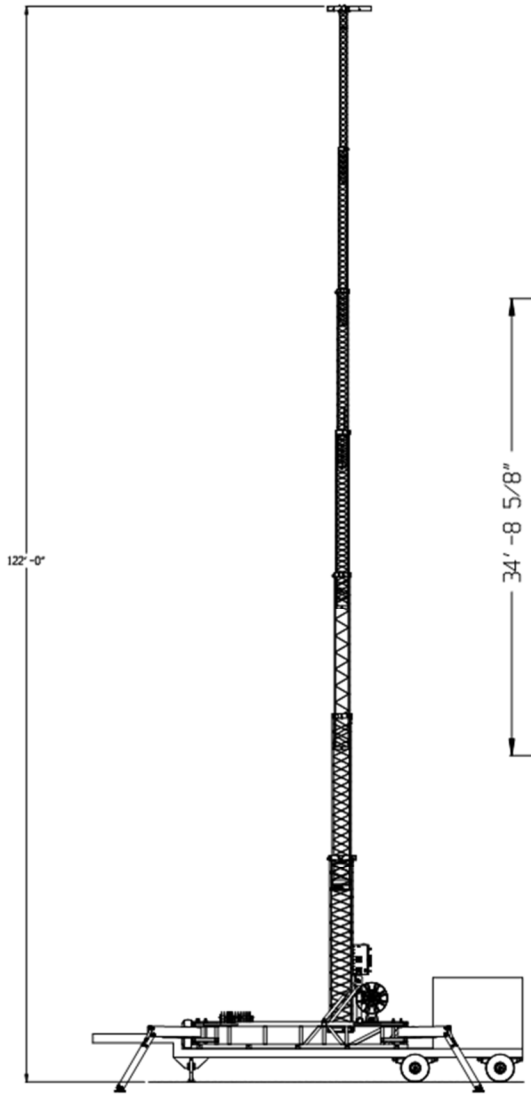
The trailer is equipped with tandem 6000 lbs capacity axles and 4 Bias Ply 15” tires. The front axle has hydraulic surge brakes. The trailer has a front jack and four fold out outriggers with jacks to provide a stabilizing and leveling system. The guy cables are guyed to the end of the outriggers. There is a front mounted storage box to store the guy cables a nd other accessories during transport.

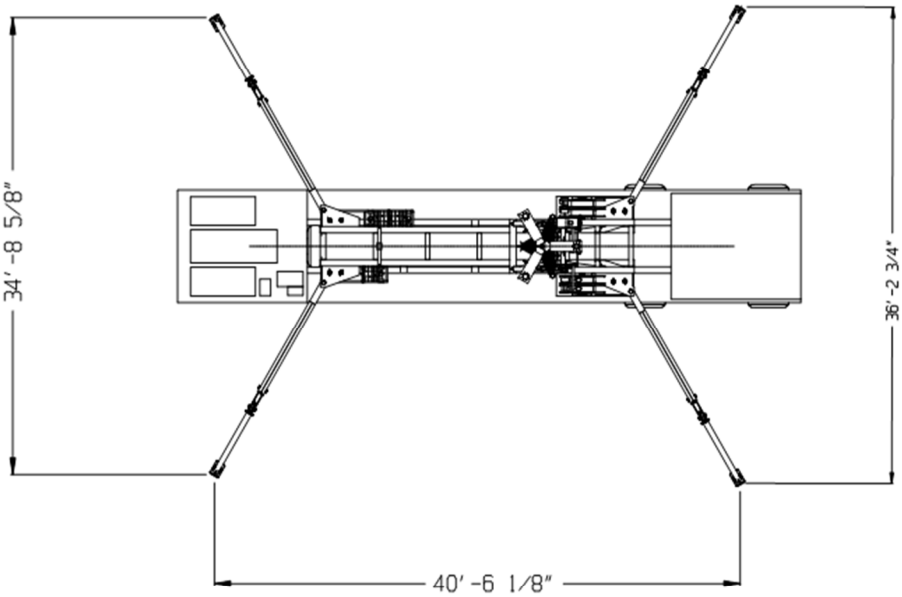




CT114 TOWER TRAILER UNIT
AB-1309 REPLACEMENT







TRAILER

TYPE: Drop deck trailer as manufactured by Great Dane.

SPECIFICATIONS:

TRAILER SIZE: 102" wide x 48’ long and 3’-9" high
WEIGHT: The tower & trailer GVWR without building 32,000 pounds.

DESCRIPTION:

The trailer is equipped with (2) Onan diesel generators, fuel tank, automatic transfer switch for the generators, battery pack, (8) storage boxes for the storage.

SUSPENSION:
Model of Suspension - Hendrickson AANT 23K
Bogie Location -90’’ Fixed from Rear
Dump Valve - Hose Coupler Activated (Automatic) Dump Valve

AXLES:
Axle Type - Hendrickson Tapered Spindle Standard Wall
Brake Size - 16.50’’ x 7.00’’
Brake Actuators - Great Dane Standard 2.5’’ Stroke
Brake Lining - Furnished With Suspension
Brake Shoe Type - Hendrickson Extended Service
Brake Adjusters - Great Dane Standard Automatic 5.50’’

BRAKES/MUDFLAPS:
Anti-Lock Brakes - Wabco 2S/1M Easy Stop
Optional Diagnostic Cable - None
Brake Valves - Sealco
Air-Tank Drain Valve - Manual
Mudflaps - Great Dane, Smooth Black with Logo
Mudflap Mounting Location - On Rear Frame

TIRES/WHEELS/H and D:
Rim/Disc Wheel Size - 22.5’’ X 8.25’’
Hub/Wheel and Drum - Great Dane Hub Piloted Universal 10 Stud Hub with Outboard Cast Drums
Brake Drum Balancing - None-Standard
Wheel Type - 22.5’’ Steel Disc Wheel, Hub Piloted, 5HH
Wheel Stud Options - Long Studs for Future Alum Wheels
Tire Size - 11R 22.5
Tire Brand - Bridgestone R195F (G)

DX7114 TOWER

TYPE: Tower, Guyed, Extendable, Motorized.

SPECIFICATIONS:

TOWER HEIGHT: Extended 116 feet. Retracted 25 feet.

TOWER SUPPORT: Trailer mounted tower with (4) levels of Guy Cables.
The tower is designed to be a guyed tower.

WIND LOADING: Engineering analysis indicates the tower will support 40 square feet of projected area at winds of 105 MPH with 3-second gust per the EIA RS 222 Rev. G.

DEAD LOAD: The maximum dead load is 700 lbs.

WEIGHT: The tower & trailer GVWR without building 32,000 pounds.

SECTIONS: The tower is made from 7 each 20-foot sections; #4, #5, #6, #7, #8, #9 and #10.

DESCRIPTION:

The DX7114 Tower is designed to be mounted on a frame. The frame is mounted to a step deck trailer. The tower is raised and lowered with a cable system. The dual lift cable is driven onto a drum with a 3 hp electric motor and gearbox. The 3 HP electric motor comes with an electric control box and a limit switch wired for 230 Volt single phase 50 hertz power.
The tower is equipped with a top torque arm bolted to the #4 section with attachments for (6) guy cables. The torque arm is capable of holding antennas and rotators. There are three loops on the #10, #8 and #6 sections for attaching three cables to each level. In total there will be three guy cables to the #10 section at 20', three guy cables to the #8 section at 52 feet, three guy cables to the #6 section at 84 feet and 6 guy cables to the top of the tower at 116 feet.
The tower is mounted horizontal on a frame. It is raised to the vertical position by (2) hydraulic cylinders powered by a hydraulic power unit. The power unit has a 2 HP single phase, 50 hertz motor, a reservoir, and 4 gal per minute pump.

FRAME

TYPE: Welded Space Frame for stabilizing and leveling tower to be attached to a drop deck trailer.

SPECIFICATIONS:

Frame SIZE: 7'-6" wide x 24'-6" long and 7'-10" high

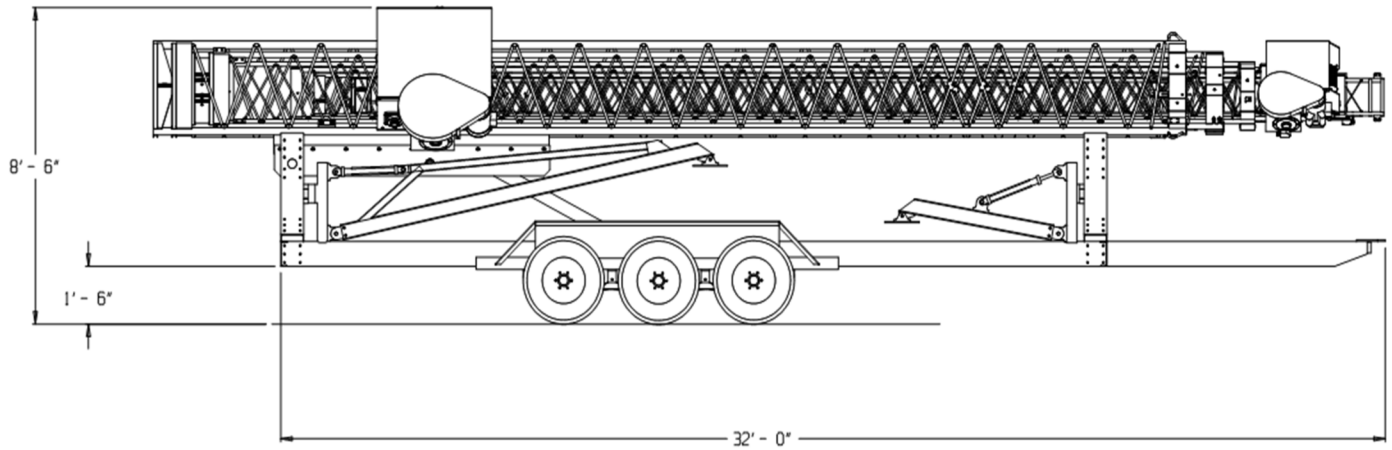
Frame Weight with tower: 16,000 lbs

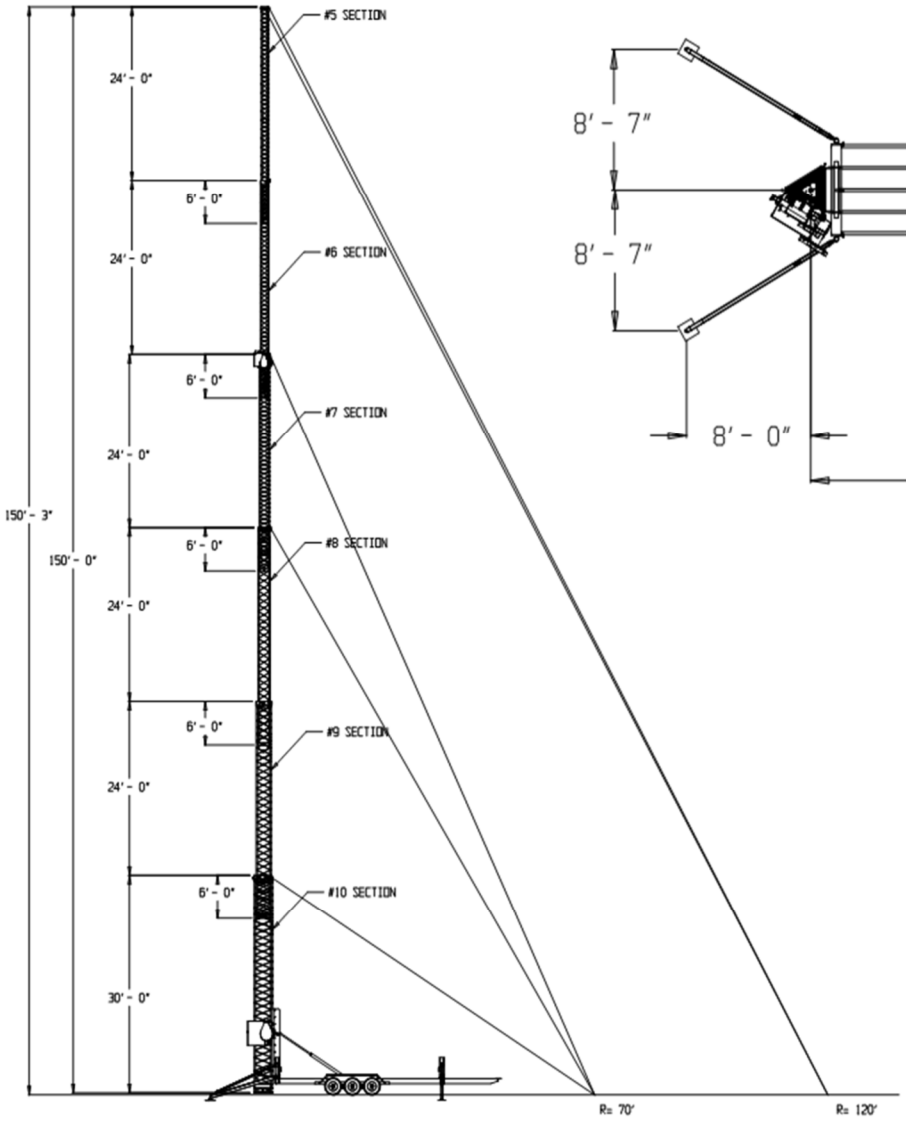
Frame Weight without Tower: 11,000 lbs without Tower

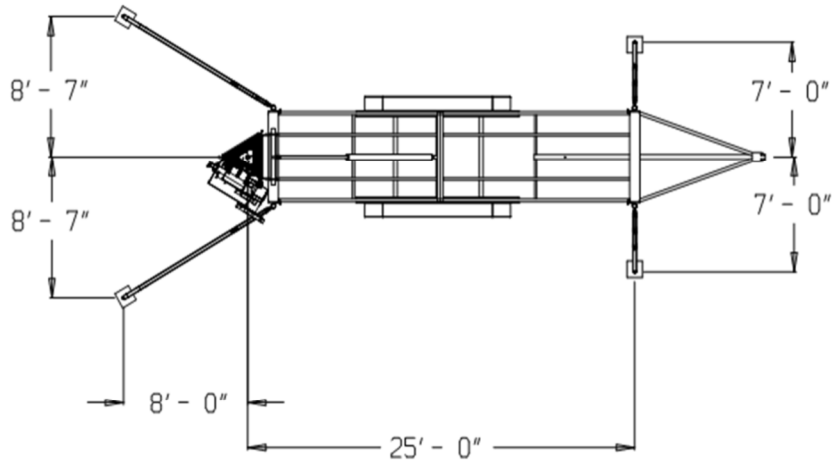
DESCRIPTION:

The frame is equipped with 4 each coax reel, 3 each guy cable reels and 4 each outriggers/ jacks, which fold out from the frame to provide a stabilizing and leveling system. The outriggers level the trailer with a hydraulic cylinder on each outrigger. The hydraulic cylinders are controlled individually by a hydraulic spool valve with solenoid controls directed by toggle switches located in the main control box. The guy cables can be short guyed to the end of the rear outriggers and front of the trailer.

CT-150 TOWER TRAILER UNIT







TRAILER

TYPE: Drop deck trailer as manufactured by Great Dane.

SPECIFICATIONS:

Trailer Size: 102" wide x 48’ long and 3’-9" high
WEIGHT: The tower & trailer GVWR without building 32,000 pounds.

DESCRIPTION:

The trailer is equipped with (2) Onan diesel generators, fuel tank, automatic transfer switch for the generators, battery pack, (8) storage boxes for the storage.

Suspensions

Model of Suspension - Hendrickson AANT 23K
Bogie Location -90” Fixed from Rear
Dump Valve - Hose Coupler Activated (Automatic) Dump Valve

Axles

Axle Type - Hendrickson Tapered Spindle Standard Wall
Brake Size - 16.50” x 7.00”
Brake Actuators - Great Dane Standard 2.5” Stroke
Brake Lining - Furnished With Suspension
Brake Shoe Type - Hendrickson Extended Service
Brake Adjusters - Great Dane Standard Automatic 5.50”

Brakes/Mudflaps

Anti-Lock Brakes - Wabco 2S/1M Easy Stop
Optional Diagnostic Cable - None
Brake Valves - Sealco
Air-Tank Drain Valve - Manual
Mudflaps - Great Dane, Smooth Black with Logo
Mudflap Mounting Location - On Rear Frame

Tires/Wheels/H and D

Rim/Disc Wheel Size - 22.5” X 8.25”
Hub/Wheel And Drum - Great Dane hub piloted universal 10 stud hub with outboard cast drums
Brake Drum Balancing - None-Standard
Wheel Type - 22.5” Steel Disc Wheel, Hub Piloted, 5HH
Wheel Stud Options - Long Studs for Future Alum Wheels
Tire Size - 11R 22.5

DX6150 TOWER

TYPE: Tower, Guyed, Extendable, Motorized.

SPECIFICATIONS:

TOWER HEIGHT: Extended 150 feet. Retracted 36 feet.

TOWER SUPPORT: Skid mounted tower with (4) levels of guy cables.
The tower is designed to be a guyed tower.

WIND LOADING: Engineering analysis indicates the tower will support 90 square feet of projected area at winds of 85 MPH with 3-second gust per the EIA 222 Rev. G.

DEAD LOAD: The maximum dead load is 750 lbs.

WEIGHT: The tower & trailer GVWR 32,000 pounds.

SECTIONS: The tower is made from 6 each 30-foot sections: #5, #6, #7, #8, #9, and #10.

DESCRIPTION:

The DX6150 Tower is designed to be mounted on a frame. The frame is mounted to a step deck trailer.
The tower is raised and lowered with a cable system. The dual lift cable is driven onto a drum with a 3hp electric motor and gearbox. The 3hp electric motor comes with an electric control box and a limit switch wired for 230 Volt single phase 60 hertz power.
The tower is equipped with a top torque arm bolted to the #5 section with attachments for (6) guy cables. The torque arm is capable of holding antennas and rotators. There are three loops on the #10, #8 and #6 sections for attaching three cables to each level. In total there will be three guy cables to the #10 section at 30', three guy cables to the #8 section at 78 feet, three guy cables to the #6 section at 126 feet and 6 guy cables to the top of the tower at 150 feet.
The tower is mounted horizontal on a frame. It is raised to the vertical position by (2) hydraulic cylinders powered by a hydraulic power unit. The power unit has a 2 HP single phase, 60 hertz motor, a reservoir, and 4 gal per minute pump.

FRAME

TYPE: Welded Space Frame for stabilizing and leveling tower to be attached to a drop deck trailer.

SPECIFICATIONS:

Frame Size: 7'-6" wide x 24'-6" long and 7'-10" high

Frame Weight with tower: 16,000 lbs

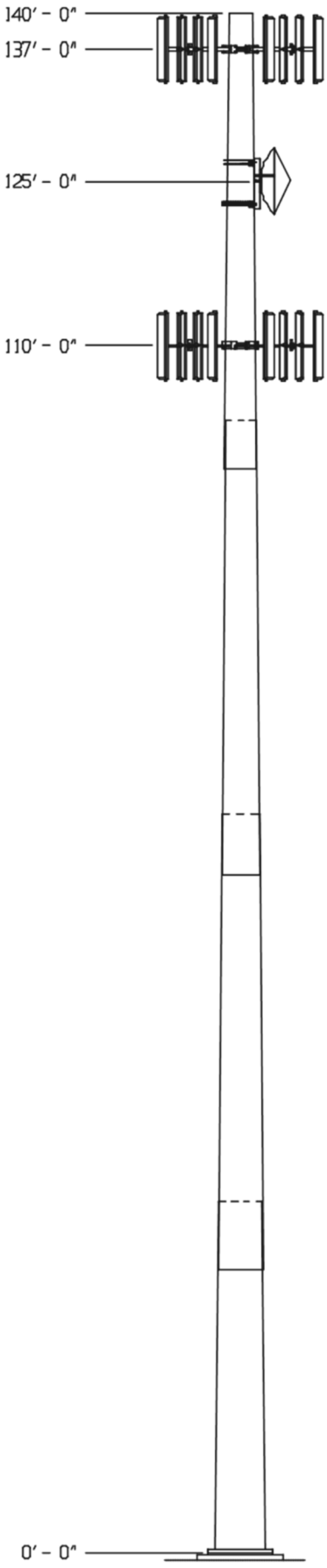
Frame Weight without Tower: 11,000 lbs without Tower

DESCRIPTION:

The frame is equipped with 4 each coax reel, 3 each guy cable reels and 4 each outriggers/ jacks, which fold out from the frame to provide a stabilizing and leveling system. The outriggers level the trailer with a hydraulic cylinder on each outrigger. The hydraulic cylinders are controlled individually by a hydraulic spool valve with solenoid controls directed by toggle switches located in the main control box. The guy cables can be short guyed to the end of the rear outriggers and front of the trailer.

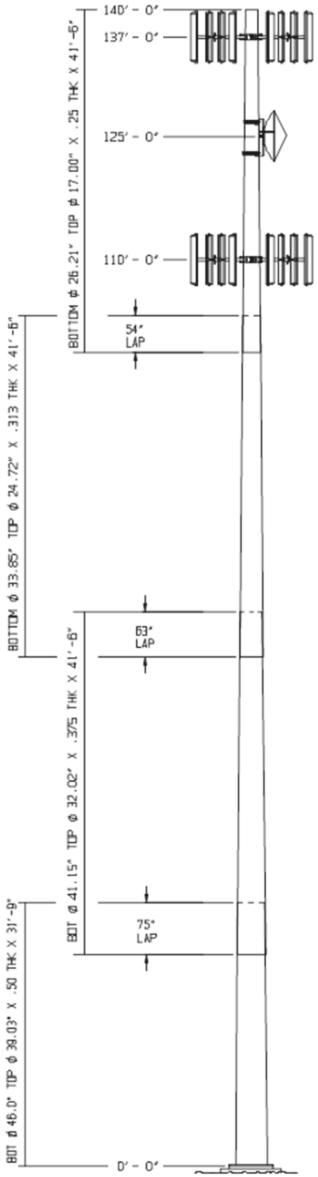
Tower Trailer and Accessories Price List

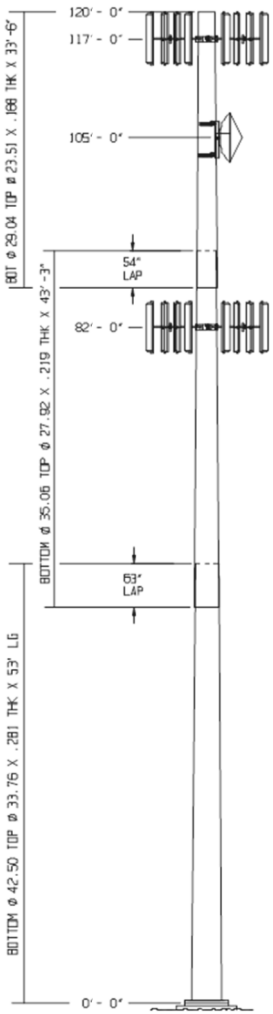
Description	Part No.	Price
TOWER TRAILERS		
CT-25 Manual 25' Tower Trailer Unit, Single Axle, MW-25	500-0066	$15,660.00
CT-33 Manual 33' Tower Trailer unit Single Axle, MW 33	500-0068	$23,000.00
CT-51 Manual 51' Tower Trailer unit Single Axle, W-51	500-0069	$23,760.00
CT-70A Electric 70' Tower Trailer unit Single Axle, LM-470	500-0072	$40,000.00
CT-85 Commercial Tower on Trailer, LM-585	500-0085	$60,000.00
CT-100 Commercial Tower on Trailer, DX-100	500-1000	Call
CT-114 114' Crank up tower, AB-1309 replacement, DX-114	500-1140	Call
Grasshopper 86' crank up tower on Skid	495-0000	Call
Used AB 1309 Quick Erect 117' Crank Up Tower Trailer	500-0101	Call
TOWER TRAILER ACCESSORIES		
Tool Box, 15 x 16 x 48 Galvanized	500-0016	$1,250.00
Tool Box, 1936 White Undermount Box	500-0018	$950.00
CT-85 Tool Kit	500-0034	$1,250.00
3.5 KW Generator	500-0106	$4,158.00
Three Arm Mount	700-045	$2,900.00
Spare Tire and MOUNT	500-0042	$1,200.00
Manual Co Ax Reel	500-00527	$1,500.00
Electric Co Ax Reel for Trailer	500-00529	$4,000.00

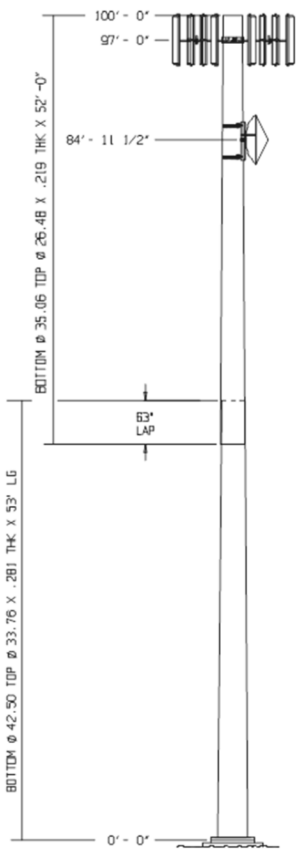


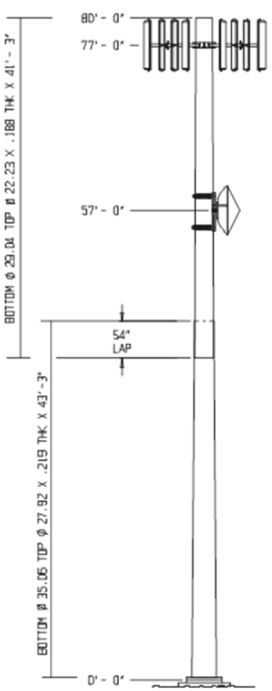
TASHJIAN TOWERS MONOPOLES

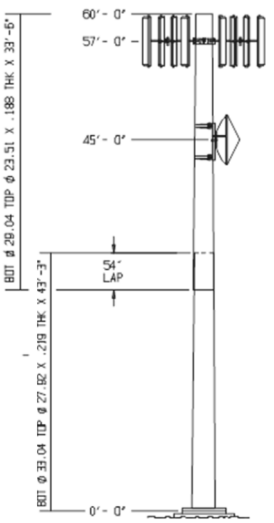
- The monopole is available as a standard product in heights of 20', 40', 60', 80', 100', 120' and 140'.
- Maximum antenna loads which can be applied at the top of each model are determined by analysis.
- Monopoles have an omnidirectional radiation pattern in the horizontal plane.
- Monopoles are often preferred for aesthetic reasons.
- Monopoles are frequently customized to meet specific customer needs.
- Efficient design, compact size and fast installation.

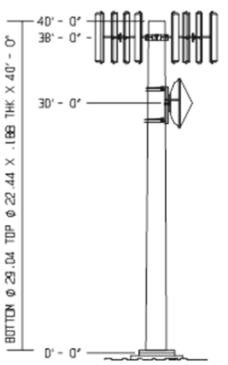








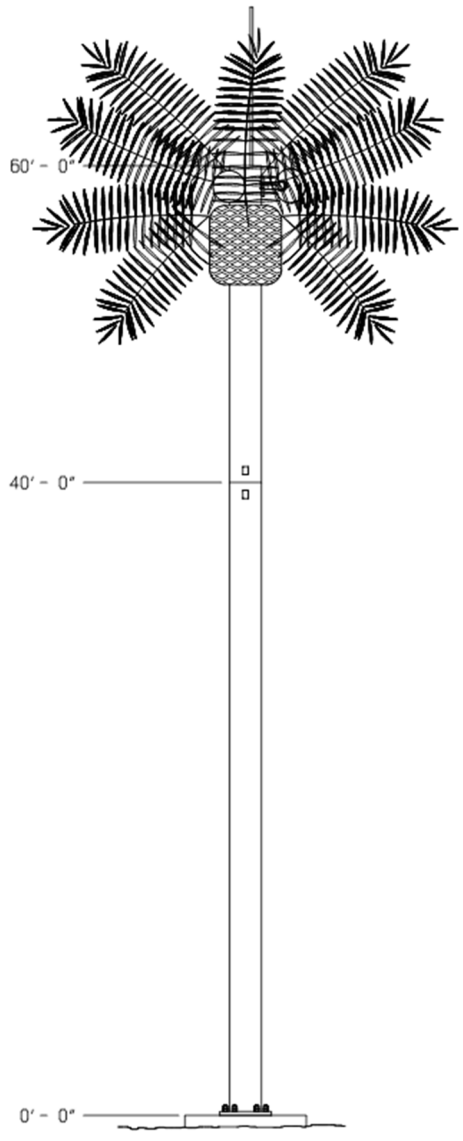




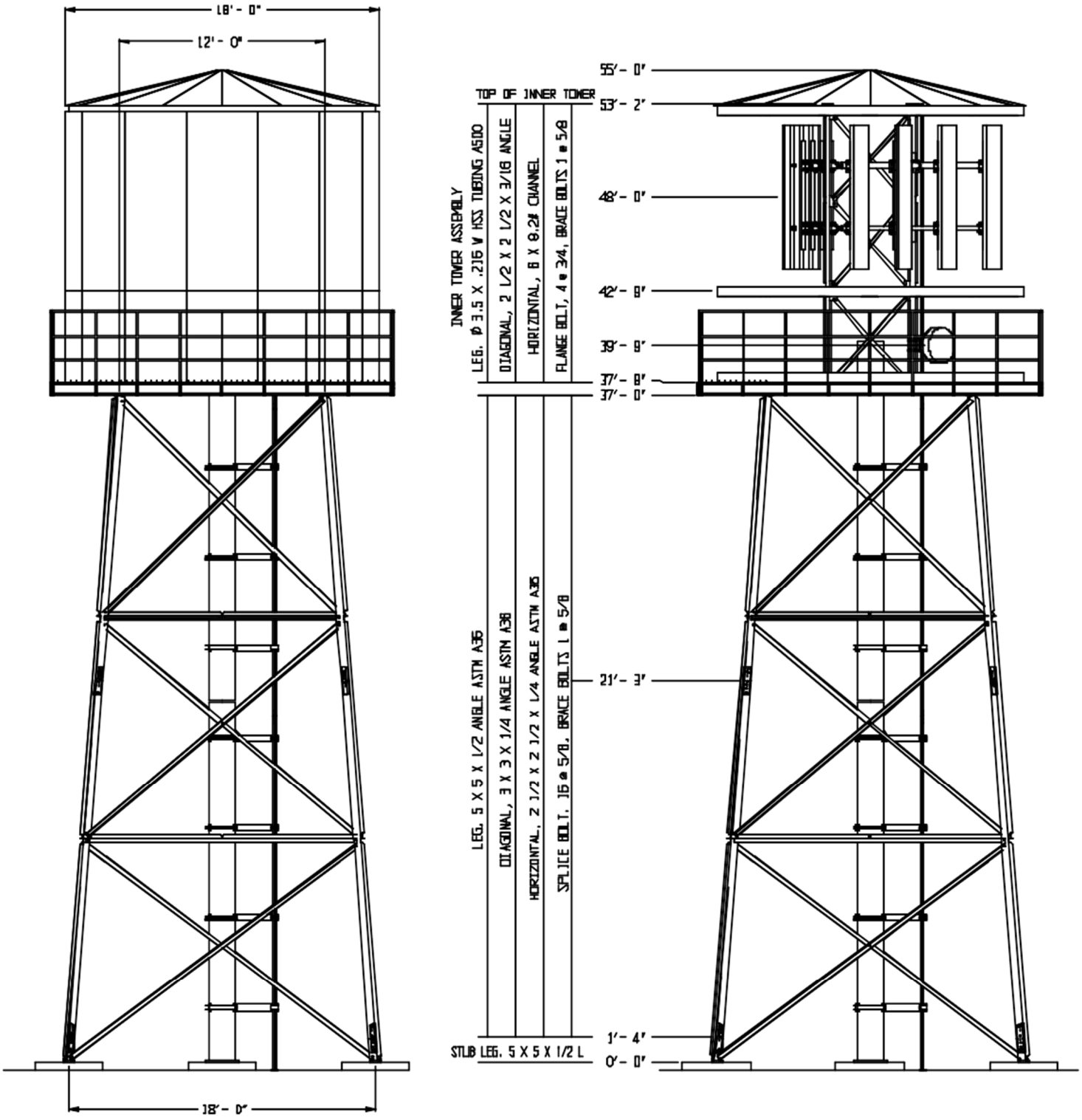
PART NO.		TASHJIAN TOWER CORPORATION 2765 S. TEMPERANCE AVENUE, FOWLER, CALIF. 93625
APPROVALS	DATE	
DRAWN	01/28/15	TITLE: 140'-40' TAPERED 18 SIDED MONOPOLE ELEVATIONS
CHECKED		
ENG APPD		SIZE: D; CAGE CODE; DRAWING NO.: S-1; REV.
DO NOT SCALE DRAWING		SCALE NONE; SHEET 1 OF

Stealth Towers and Poles

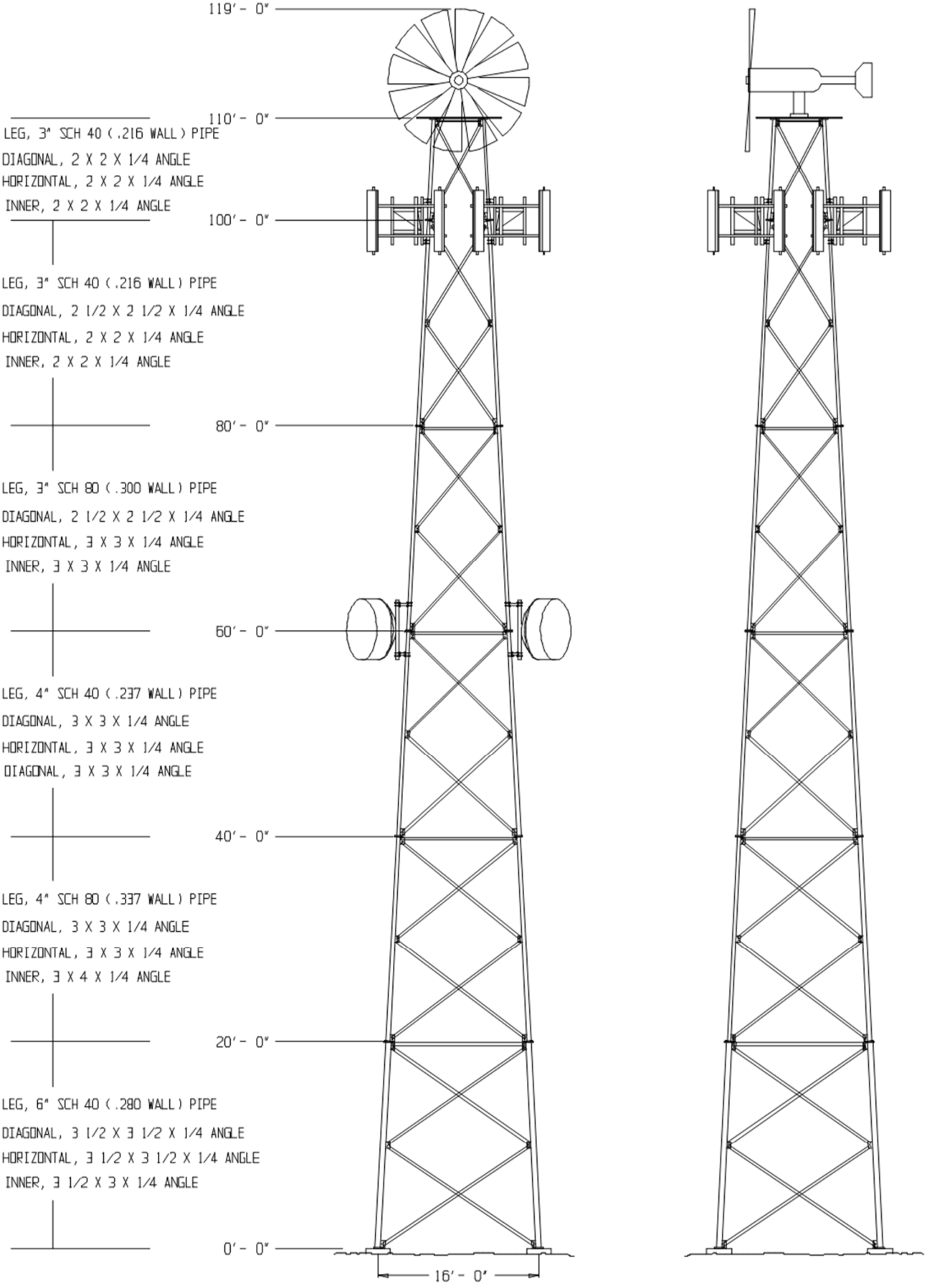
With the increased interest in aesthetics, Tashjian Towers can design, manufacture, and construct a stealth towers and poles in the form of trees, windmills, water tanks, and towers disguised as common structures such as a steeples, to help conceal its presence. Call today for more information.



Water Tank Tower



Windmill Tower



Construction

CONSTRUCTION SERVICES

Tashjian Towers is a licensed C51 Contractor in the State of California. We offer turnkey installation of the towers we produce. We can provide sites surveys, foundation construction, tower erection, antenna and line installations, buildings, building foundation, setting buildings, and fencing. By offering turnkey installations, we can reduce the risk for the tower owner.

Also, we can send our construction crews to map towers for our engineering department. As our crew members are knowledgeable about tower manufacturing, our tower mappings are comprehensive.

Tashjian Towers construction services can provide and set up mobile tower trailers for rental in most California locations.

Rough Order of Magnitude Construction Costs (mobilization not included)

Foundations

Tower	Foundation	Cubic Yards	Price
WT-51	2.5 x 2.5 x 5.5	1.3	$1,900
LM-470	3.5 x 3.5 x 7.5	3.4	2,700
T-20	5 x 5 x 5	4.6	4,300
T-26	7 x 7 x 5	9.1	6,300
T-36	9 x 9 x 5	15	9,500
T-48	11 x11 x 5	22	12,900
TKD-301	8 x 8 x 4	9.5	6,000
TKD-302	10x10x 4	14.8	9,500
TKD-303	12x12x 4	21.3	12,900
TKD-304	14x14x4	29	Call
TKD-305	16x16x4	40	Call
TKD-306	18x18x4	48	Call

Erection

LM-470	2,300
T-20 40’	2,700
T-26 60’	3,900
T-48 80’	7,500
TKD/26-80’-303	9,900
TKD-120’-306X	Call
TKD-180’-309	Call