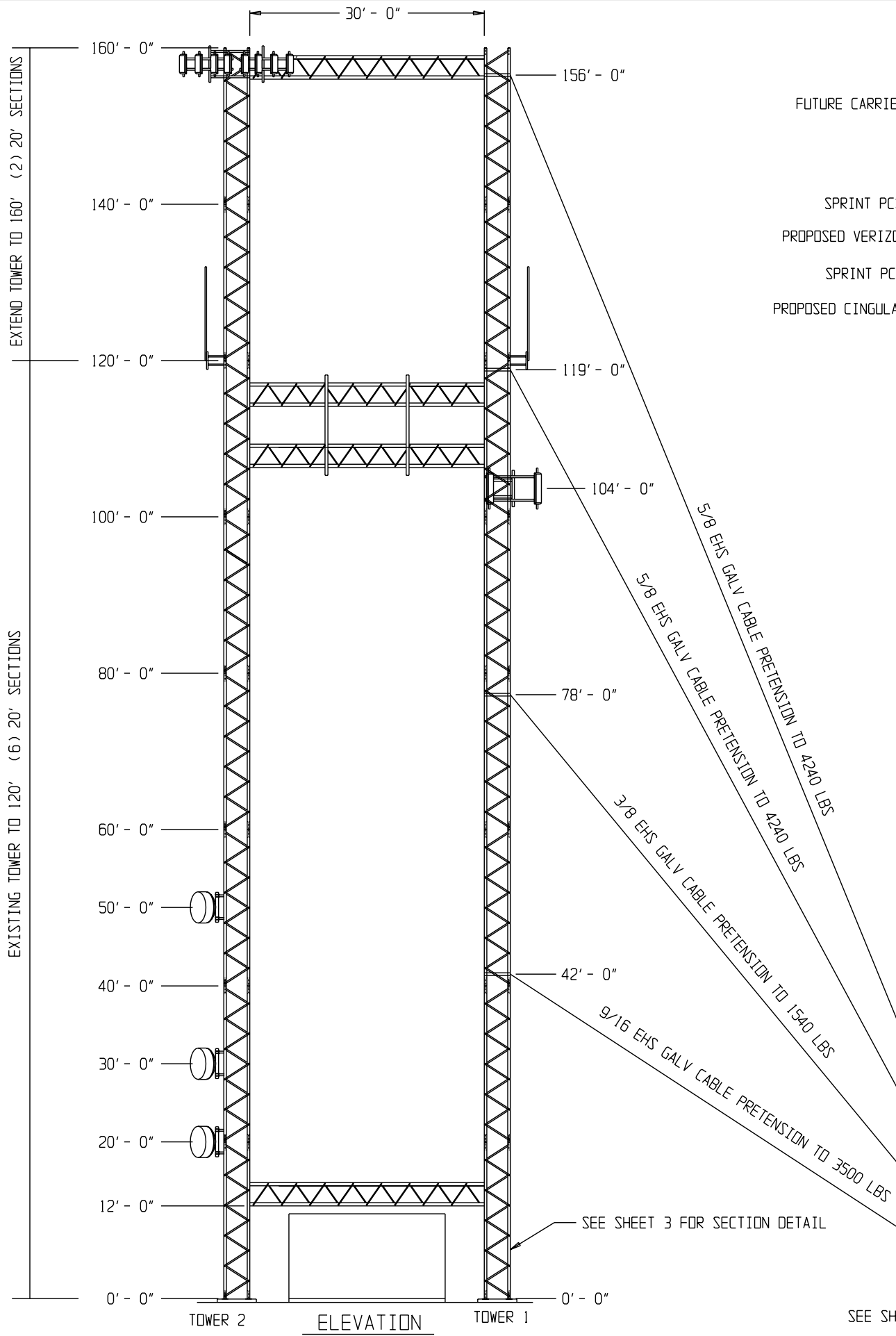
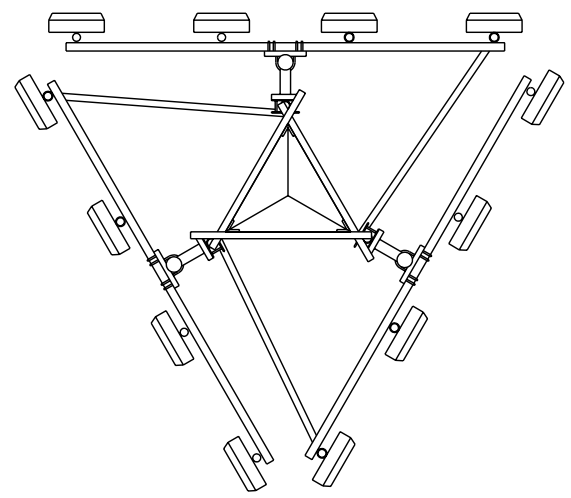


NOTES:
UNLESS OTHERWISE SPECIFIED

1. THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
2. NOTES AND DETAILS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
3. THE DETAILS ON THESE DRAWINGS SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
4. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORMWORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
5. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS, AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
6. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
7. THE TOWER DESIGN DOES NOT INCLUDE STRESSES DUE TO ERECTION AND/OR TRANSPORTATION SINCE ERECTION EQUIPMENT AND METHODS ARE UNKNOWN.
8. TOWER GROUNDING SHALL COMPLY WITH ALL LOCAL AND NATIONAL CODES. GROUNDING TO BE DONE BEFORE ERECTION.
9. THE TOWER IS DESIGNED TO SUPPORT ONLY THE ANTENNAS AS SHOWN ON THE DRAWINGS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR OVERSTRESS CONDITIONS WHICH MAY OCCUR DUE TO DEVIATIONS IN ANTENNA SIZES AND/OR LOCATIONS FROM THOSE SHOWN ON THE DRAWINGS.
10. ALL WORK SHALL COMPLY WITH OSHA SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
11. ALL FACE WIDTHS ARE FROM CENTER LINE OF PIPE.
12. STEEL PIPE CONFORMS TO ASTM A53. PLATES, BAR, AND ANGLE CONFORMS TO ASTM A36. STRUCTURAL TUBING CONFORMS TO ASTM A-513 C1020 DOM TYPE 5. ALL WELDING CONFORMS TO A.W.S. D1.1 LATEST REVISION. ALL GALVANIZING CONFORMS TO ASTM A-123 AND A-153 FOR HARDWARE.
13. THIS PROJECT CONSISTS OF:
 - EXTEND TOWER FROM 120 FT TO 160 FT.
 - FUTURE (12) PANEL ANTENNAS AT THE 160 FT ELEVATION (4 PER SECTOR) WITH (24) RUNS OF 1 5/8" CABLE.



ANTENNA INFORMATION						
ITEM #	ELEVATION	QUANTITY	ANT. TYPE	LOCATION	PROJ'D AREA	LINE SIZE
1 - 12	160'	1 EA.	PANEL ANTENNA	TOWER 2	4.0 SQ FT	24 @ 1 5/8"
13	120'	1 EA.	OMNI WHIP ANTENNA	TOWER 2	2.50 SQ FT	1 @ 7/8"
14	120'	1 EA.	OMNI WHIP ANTENNA	TOWER 1	2.50 SQ FT	1 @ 7/8"
15 - 16	104'	1 EA.	PANEL ANTENNA	TOWER 1	4.0 SQ FT	4 @ 1 5/8"
17	50'	1 EA.	4' HP DISH	TOWER 2	12.57 SQ FT	1 @ EW52
18	30'	1 EA.	4' HP DISH	TOWER 2	12.57 SQ FT	1 @ EW52
19	20'	1 EA.	4' HP DISH	TOWER 2	12.57 SQ FT	1 @ EW52



PLAN VIEW @ 160' ELEVATION

ENGINEER: KARL K. TASHJIAN
2183 S. HIGHLAND AVE.
SANGER CA. 93657
WORK (559) 495-0307
FAX (559) 495-0557
MOBIL (559) 284-9707
RCE #35542

OWNER:
RICHARD GIEBITZ
4182 MAGNOLIA ROAD
FALLON, NV 89406

JOB ADDRESS:
LAHONTAN RESERVOIR
LINCOLN ROAD
LYON COUNTY, NEVADA

TOWER DESIGN LOADING		
WIND LOAD: TIA/EIA-22-F	90 MPH,	EXPOSURE C, NO ICE

PART NO.		TASHJIAN TOWER CORP. 2183 S. HIGHLAND AVE., SANGER CA. 93657		
APPROVALS	DATE	TITLE		
DRAWN TAM	01/17/05	160 FT "H" GUYED TOWER LAHONTAN RESERVIOR		
CHECKED		SIZE	CAGE CODE	DRAWING NO.
ENG. APPD.		D		S-1
		SCALE NONE	SHEET 1 OF 3	