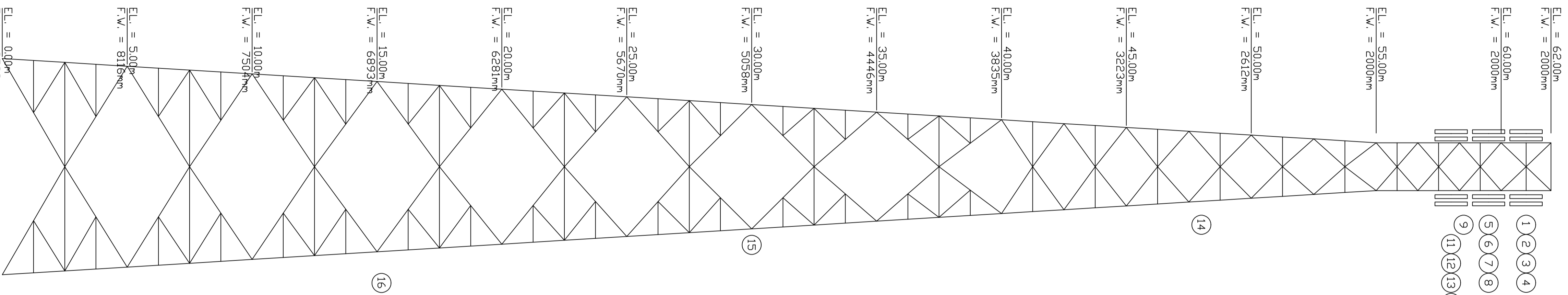
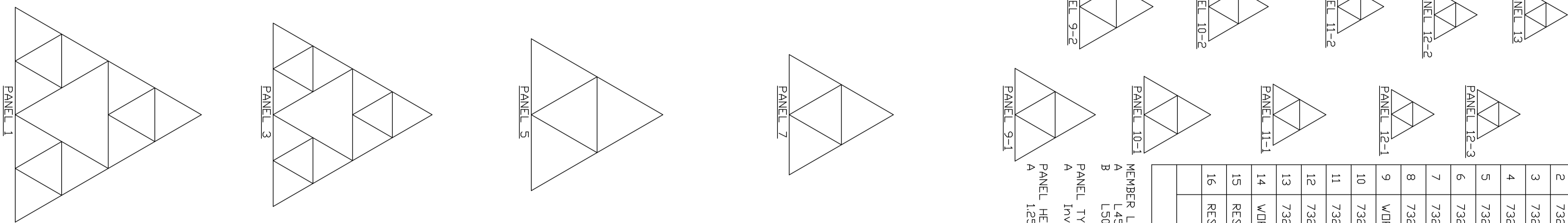


DESIGN SPECIFICATION: ANSII/TIA-222-G-2005 Add.2  
 BASIC WIND SPEED (No Ice): 45.00 m/s  
 BASIC WIND SPEED (With Ice): 22 m/s  
 DESIGN ICE THICKNESS: 10 mm  
 EXPOSURE CATEGORY: C  
 STRUCTURE CLASS: II  
 TOPOGRAPHIC CATEGORY: 1  
 IMPORTANCE FACTOR: 1.00

SECTION NO.																													
SECTION NAME																													
PANEL TYPE	K	A	K	A	K	A	K	A	K	A	K	A	K	A	K	A	K	A	K	A	K	A	X						
PANEL HEIGHT (m)	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	A	A	A	A	A	A	A	A	A	A	1.667	2.000	
LEGS (Q345)	V160X160X16		V160X160X14		V160X160X12				V160X160X10		V140X140X10		V125X125X10		V100X100X10				V100X100X8		V100X100X6		V75X75X6						
DIAGONALS (Q235)	L80x80x6				L75x75x5								L63X63X5				L50x50x5				L50x50x5								
HORIZONTALS (Q235)	L63X63X5	L63X63X5		L63X63X5				L56X56X5		L56X56X5		L56X56X5		L50x50x5		L50x50x5		A	A	A	A	A	A	B	B	L50x50x5			
RED. SecH1 (Q235)	L50x50x5				L45x45x5								L45x45x5				L45x45x5				L45x45x5								
RED. SecD1 (Q235)	L50x50x5				L45x45x5								L45x45x5				L45x45x5				L45x45x5								
INT. HipH1 (Q235)	L63X63X5				L45x45x5								L45x45x5				L45x45x5				L45x45x5								
INT. HipD1 (Q235)	L63X63X5				L56X56X5				L50x50x5				L45x45x5				L45x45x5				L45x45x5								
PlanH1 (Q235)	L75x75x5	L63X63X5		L63X63X5		L56X56X5		L56X56X5		L56X56X5		L50x50x5		L50x50x5		L50x50x5		A	A	A	A	A	A	A	A	L45x45x5			
PlanH2 (Q235)	L50x50x5	L50x50x5		L45x45x5				L45x45x5		L45x45x5		L45x45x5		L45x45x5		L45x45x5		L45x45x5				L45x45x5							



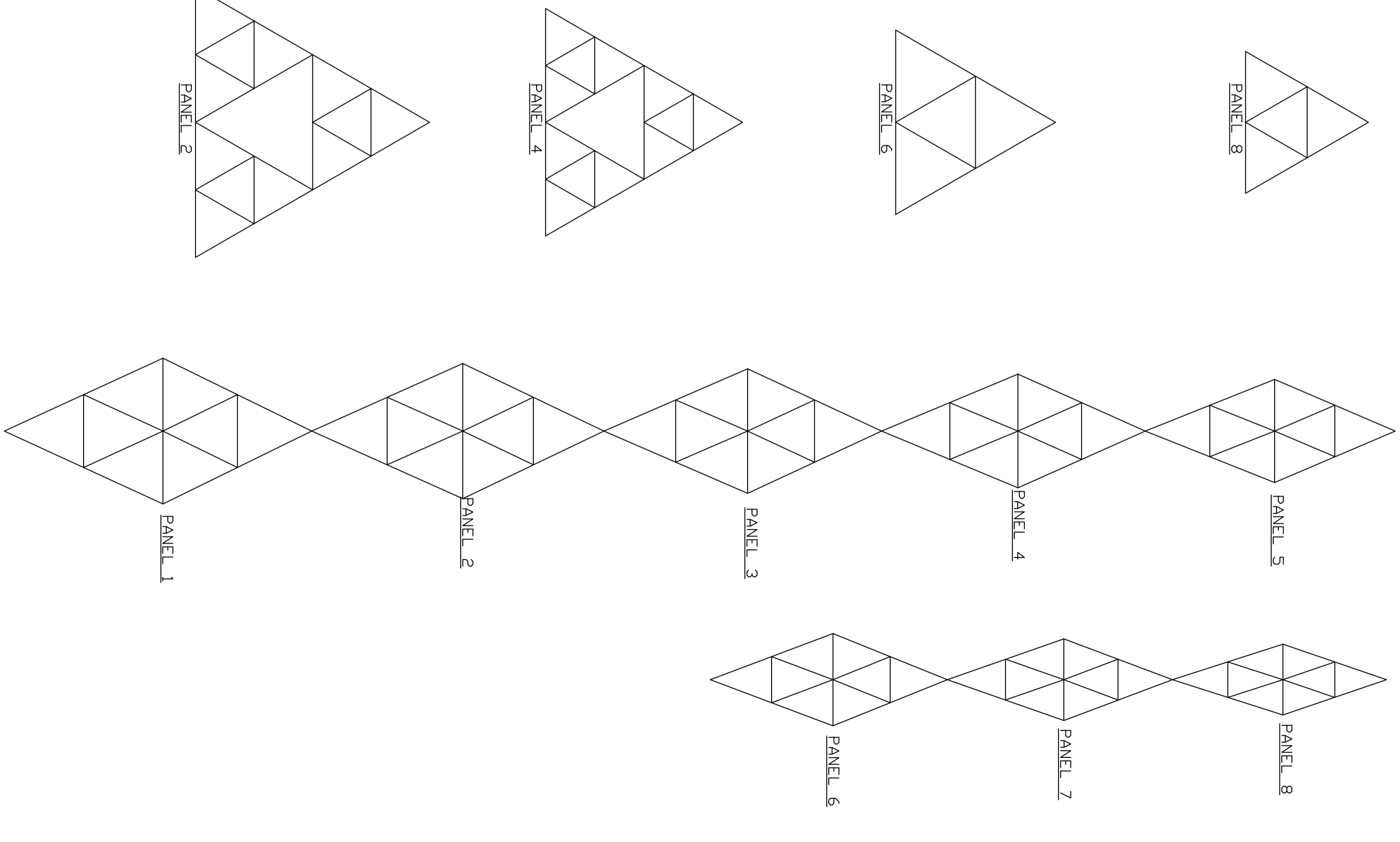
EL. = 0.00m  
 F.W. = 8728mm  
 MAXIMUM BASE REACTIONS:  
 DOWNLOAD (KN): 1165.1  
 UPLIFT (KN): 940.5  
 SHEAR (KN): 156.2



ANTENNA LOADING CHART								
POS	DESCRIPTION	QTY	EL. (m)	Tx LINE	QTY	AZIMUTH	COMMENTS	STATUS
1	732D590VTEWB	1	61.00	LDF7P-S0A	1	0		
2	732D590VTEWB	1	61.00	LDF7P-S0A	1	90		
3	732D590VTEWB	1	61.00	LDF7P-S0A	1	180		
4	732D590VTEWB	1	61.00	LDF7P-S0A	1	270		
5	732D590VTEWB	1	59.50	LDF7P-S0A	1	0		
6	732D590VTEWB	1	59.50	LDF7P-S0A	1	90		
7	732D590VTEWB	1	59.50	LDF7P-S0A	1	180		
8	732D590VTEWB	1	59.50	LDF7P-S0A	1	270		
9	WRK PLAT 1	1	58.50			0		
10	732D590VTEWB	1	58.00	LDF7P-S0A	1	0		
11	732D590VTEWB	1	58.00	LDF7P-S0A	1	90		
12	732D590VTEWB	1	58.00	LDF7P-S0A	1	180		
13	732D590VTEWB	1	58.00	LDF7P-S0A	1	270		
14	WRK PLAT 2	1	48.00			0		
15	REST PLT-1	1	30.00			0		
16	REST PLT-2	1	15.00			0		

STATUS: E-EXISTING, F-FUTURE, P-PROPOSED

MEMBER LEGEND  
 A L45x45x5  
 B L50x50x5  
 PANEL TYPE LEGEND  
 A Inverted K  
 K Panel Height Legend  
 A 1:250



PROJECT TITLE	62m 3 LEGGED TOWER		
CUSTOMER	LEGGED-ALBERTA		
CONTRACT NO.	REV. 1		
DATE	ENGINEER		