



MAIN CROSS SECTION:

SCALE: 1/8"=1'
TOP-DOWN VIEW

REQUIRED CONCRETE (BOTH TOWERS)		
MODEL	CUBIC YARDS	CUBIC METERS
22'(6.7M)	7.3	5.6
31'(9.5M)	7.7	5.9
40'(12.2M)	8.0	6.2

NOTES:

- THIS DRAWING IS FOR ILLUSTRATION PURPOSES ONLY.
- DIMENSIONS MUST BE VERIFIED IN SITU BEFORE CONSTRUCTION IS INITIATED.
- ALL MEASUREMENTS ARE IN INCHES UNLESS OTHER MENTIONED.
- ALL STRUCTURAL STEEL OBJECTS MUST BE COVERED WITH SPECIAL STEEL PAINT OXIDE RETARDER.
- RESIDENT ENGINEER IS RESPONSIBLE FOR ENSURING COMPLIANCE OF ALL CODES MENTIONED TO GUARANTEE PRODUCT QUALITY.
- IT'S THE CONTRACTOR RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER.
- CONCRETE STRENGTH 32 MPA
- STEEL STRENGTH 60 KSI
- ADDING A RAPID SETTING ADDITIVE IS RECOMMENDED FOR COLD ZONES.
- STEEL BOLTS AND FASTENERS SIZE AND LENGTH MUST BE DESIGNED FOR SHEAR, PUNCH AND BRACING.
- MAIN REBAR AND STIRRUPS SIZE AND LENGTH MUST BE DESIGNED UNDER ACI 318-2014 PROCEDURE.
- MINIMUM LENGTH OF REBAR BENDING IS #25.
- CLEAR COVER OF CONCRETE IS 3" OR 7.50cm UNDER ACI 318-2014.
- PLATE AND BOLT DETAIL IS ILLUSTRATIVE BY KONEX SUPPLIERS.
- PIPE DIRECTION IS TO BE LOCATED TOWARDS ELECTRICAL PANEL.
- PILE LENGTH WILL BE DETERMINED BY SOIL REPORT OR GEOTECHNICAL ENGINEER.

UNLESS OTHERWISE SPECIFIED, THIS DRAWING CONFORMS TO ASME Y14.3M - 2014 FOR DIMENSIONAL PRACTICES THIRD ANGLE PROJECTION			PROCESS:
			STANDARD DRAWING - IN AUTODESK INVENTOR 3D MODEL NAME: _____ DATE: _____ DRAWN BY: _____ DESIGNER: _____ CHECKER: _____ PART NO.: _____
MATERIAL	DESCRIPTION	TYPICAL PILE FOUNDATION	REV A
SHEET SIZE: MASS	SCALE:		
THICKNESS			SHEET NO. 2 OF 3