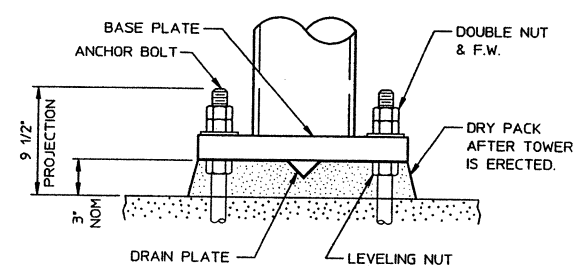
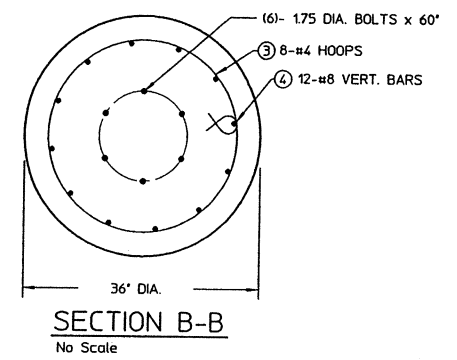
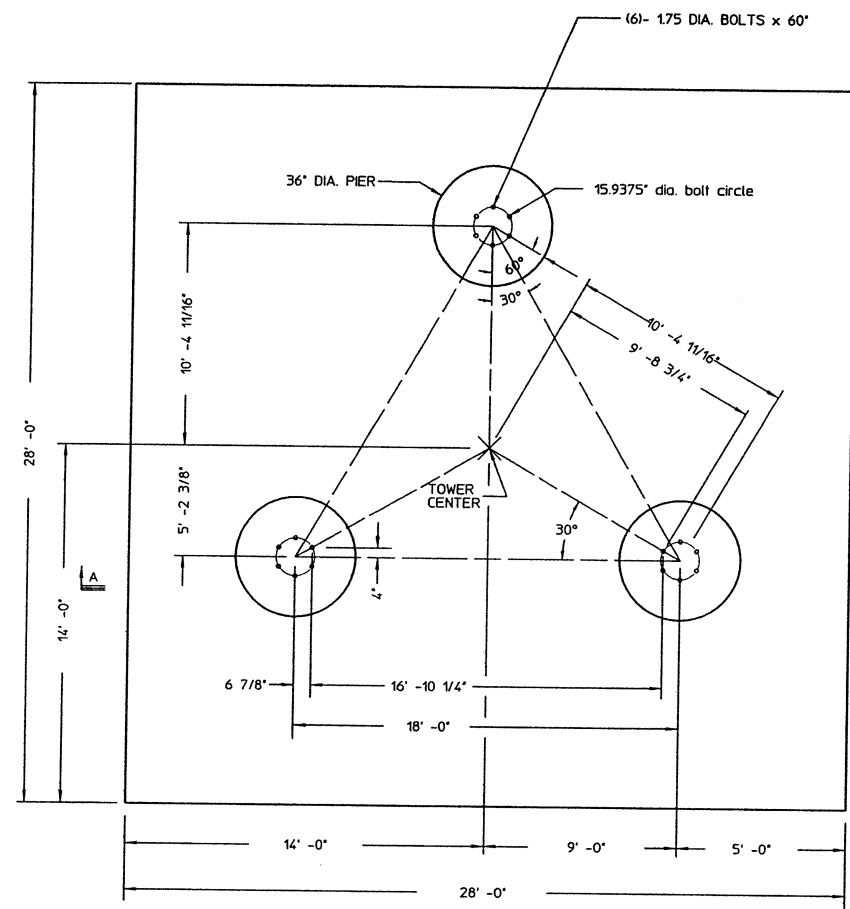


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



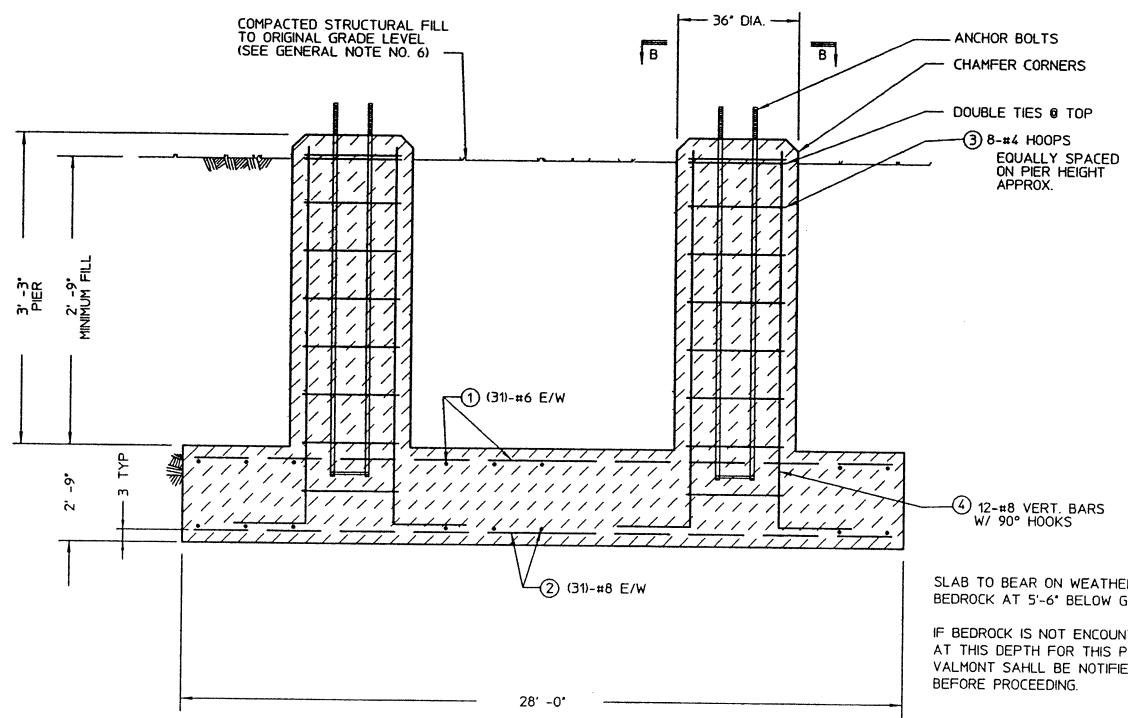
DRAIN PLATE INSTALLATION
NO SCALE
EXTREME CARE SHOULD BE TAKEN TO ASSURE THAT ALL LEVELING NUTS ARE LEVEL WITH RESPECT TO EACH OTHER PRIOR TO ERECTION OF THE TOWER.

GENERAL NOTES: SLAB

- Prior to excavation, check the area for underground facilities.
- All reinforcing shall be deformed bars conforming to ASTM A615 Grade 60 (60,000 psi min. yield) and shall be provided by the foundation contractor.
- All concrete shall have a minimum compressive strength of 3,000 psi @ 28 days. The requirement for the concrete shall be as given in the ACI "Building Code Requirements for Reinforced Concrete", ACI 318, the latest edition.
- Concrete shall be placed against undisturbed soil to the depth indicated on the foundation drawing. The portion above grade shall be formed. If an area is excavated beyond the limits shown, this volume shall be filled with concrete or formed. After the forms are removed, the excess excavation shall be replaced and compacted.
- The tops of pedestals at the same elevation shall be level with each other within 1/4 inch. Trowel tops of pedestals smooth.
- Compact structural fill above buried slab to a minimum of 100 pcf density.
- Dry Packing Procedures: Mix 2 parts sand, one part cement, and add just enough water to allow molding a shape by hand. Restrict the water content to a minimum. (This minimizes the possibility of shrinkage when the mortar, dry-mixed for maximum density and strength, is packed in place.) The packing shall be done by hand, ramming with bars or caulking tools, or a combination thereof.
- Estimated concrete volume = 831 cu. yds.
- Design based on the following factored loads (Per TIA-G):
Overturning Moment = 5722 k-ft. (Overturning Safety Factor = 1.17)
Total Shear = 74.6 kips Max. Toe Bearing Pressure = 2.74 ksf
Total Weight = 265 kips
- Soil information and design parameters are per the Geotechnical Report by Shannon & Wilson, Inc., Project 22-1-02036-001, Dated September 17, 2003. Recommendations in this report shall be followed by the foundation contractor.

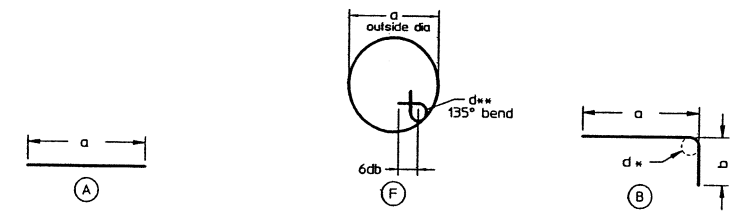
FOUNDATION PLAN
NO SCALE

REINFORCEMENT STEEL SCHEDULE										
Sym	Type	Rebar Size	Rebar Spacing	Dimensions				Weight (lbs)	Qty	
				a	b	c	d (6db)			
1	A	#6	11"	27'-6"				2561	62	
2	A	#8	11"	27'-6"				4552	62	
3	F	#4	EQUAL	2'-6"			2'	3'	139	24
4	B	#8	EQUAL	5'-4"	1'-4"		6'		641	36
TOTAL STEEL WEIGHT FOR COMPLETE FOUNDATION INSTALLATION =								7893		



SECTION A-A
NO SCALE

SLAB TO BEAR ON WEATHERED BEDROCK AT 5'-6" BELOW GRADE.
IF BEDROCK IS NOT ENCOUNTERED AT THIS DEPTH FOR THIS PROJECT VALMONT SAHLL BE NOTIFIED BEFORE PROCEEDING.

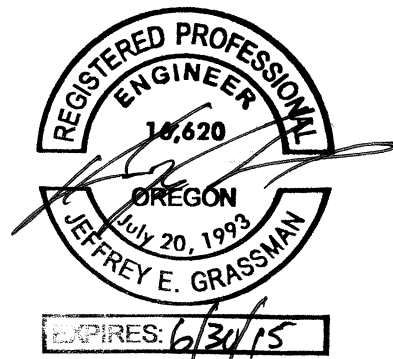


Rebar Lap Splice					ACI 318
Rebar Size	Rebar Grade	Specified Concrete Strength	Overlap (inches)		
			Vert	Bottom Horiz	Top Horiz
#3	60	3000 psi	13	13	17
#4	60	3000 psi	17	17	22
#5	60	3000 psi	22	22	28
#6	60	3000 psi	26	26	33
#7	60	3000 psi	38	38	49
#8	60	3000 psi	43	43	56
#9	60	3000 psi	48	48	63
#10	60	3000 psi	57	57	75
#11	60	3000 psi	71	71	92

Grade 60 Rebar					
Size	ASK #	Wt/ft	10db	d*	d**
#3	11-97203	0.38		2 1/4"	1 1/2"
#4	11-97204	0.67	5"	3"	2"
#5	11-97205	1.04		3 3/4"	2 1/2"
#6	11-97200	1.50		4 1/2"	4 1/2"
#7	11-97207	2.04		5 1/4"	5 1/4"
#8	11-97208	2.67		6"	6"
#9	11-97209	3.40		9 1/2"	
#10	11-97210	4.30		10 3/4"	
#11	11-97211	5.31		12"	

* Refers to ACI standard hook detail chart
** Refers to ACI stirrup hook detail chart

Splicing is an alternative to specified material listed in rebar schedule.



UNLESS OTHERWISE STATED DIMENSIONS ARE IN INCHES		CONTRACT NO.		3575 25TH STREET SE SALEM, OR 97302	
TOLERANCES ON FRACTIONS: 1/16, .XXX, .XXXX		MICROFLECT SALES ORDER 263968		3575 25TH STREET SE SALEM, OR 97302 FAX: (503)316-2040	
DRAWN BY JG		DATE 26AUG14		SLAB FOUNDATION INSTALLATION	
CHECKED BY MF		DATE 26AUG14		ODOT	
				SITE: CABBAGE HILL, OR	
SCALE		SIZE FSCN NO. D 29189		DWG NO. D-139871	
				SHEET 1 OF 1	