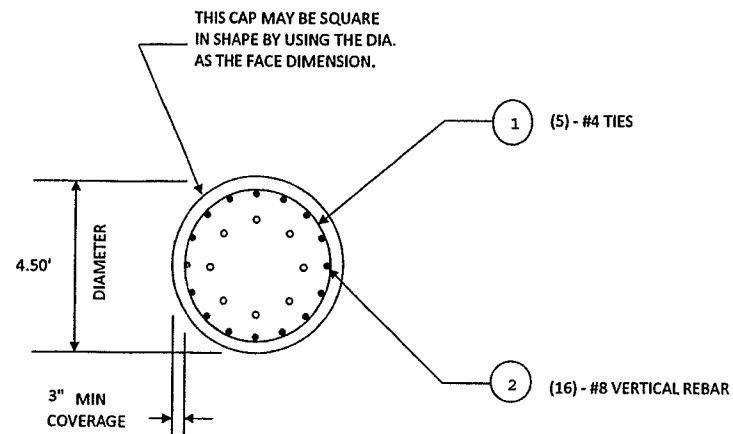
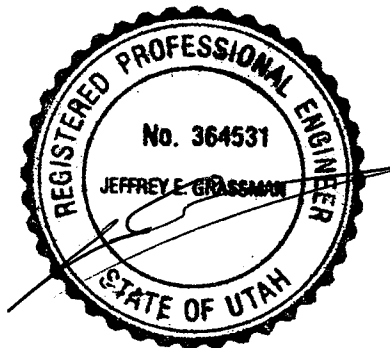


SECTION A-A
No Scale



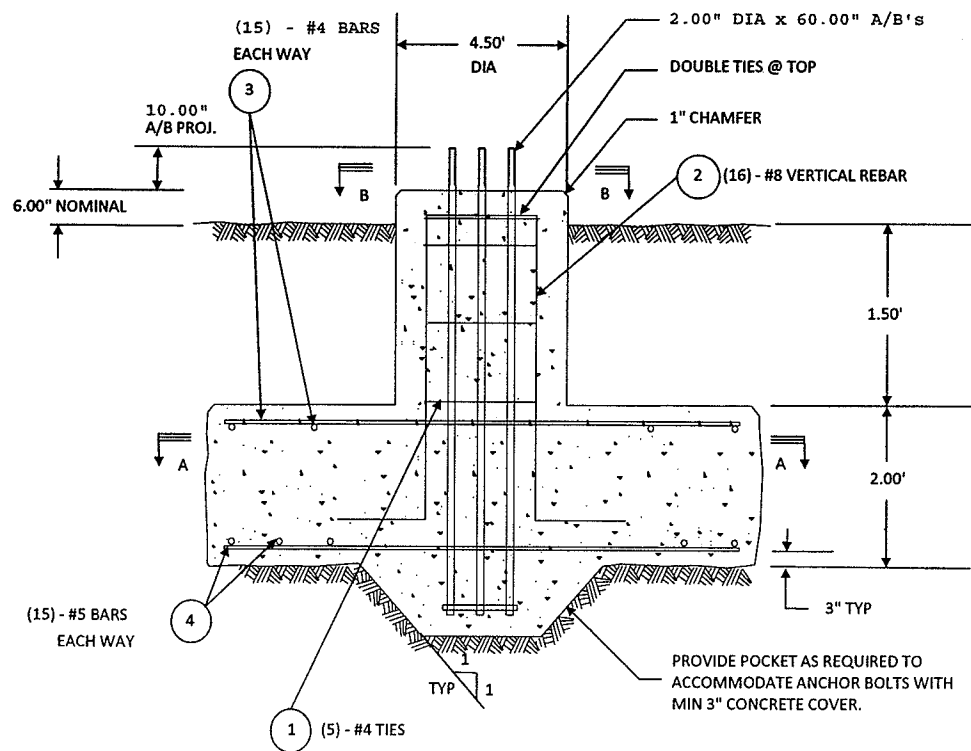
SECTION B-B
No Scale



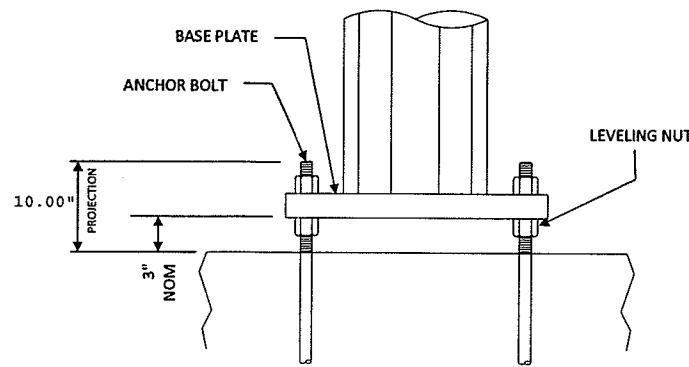
APR 18 2012

GENERAL NOTES: SLAB FOUNDATION

- 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 3000 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.
- Trowel top of foundation smooth.
- 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 ground water was encountered at 11' below grade during boring.
- Foundation design based on vert. bearing pressure of 6000 psf.
- Concrete is assumed to weigh 150 pcf.
- Estimated concrete volume = **16.18 cubic yards total.**
- Design Based on the following loads from installation drawing for order No: 173392-1-1.
Factored Moment = 374 FT-KIPS Overturning Safety Factor = 1.59
Factored Download = 7.8 KIPS Max. Toe Bearing Pressure = 1.23 ksf
Factored Shear = 5.5 KIPS
- Backfill should be compacted to a density of 100 pcf.
- Anchor bolts to be ASTM F1554, Gr. 55 ksi.
- Reference: IGES Project No. 01289-004, dated 3/29/2012.
- Ref Soils Report for installation recommendations.



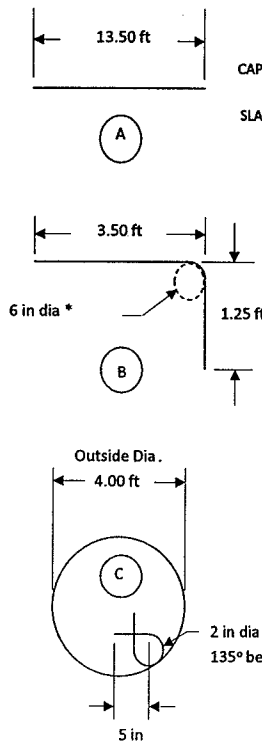
ELEVATION
No Scale



ANCHOR BOLT INSTALLATION
N.T.S.
EXTREME CARE SHOULD BE TAKEN TO ASSURE THAT ALL LEVELING NUTS ARE LEVEL WITH RESPECT TO EACH OTHER PRIOR TO ERECTION OF THE STRUCTURE

**SLAB FOUNDATION TO BEAR AT MINIMUM 3.5FT BELOW GRADE

**SLAB TO BEAR ON MINIMUM 18" OF STRUCTURAL FILL PER GEOTECH REPORT. STRUCTURAL FILL SHOULD EXTEND A MINIMUM OF 2FT BEYOND FOUNDATION EDGE.



REINFORCEMENT STEEL SCHEDULE					
Sym	Type	Rebar Size	Rebar Spacing	Weight (lbs)	Qty
1	C	#4	EQUAL	42	5
2	B	#8	---	203	16
3	A	#4	11.57 in	271	30
4	A	#5	11.57 in	422	30
TOTAL STEEL WEIGHT FOR COMPLETE FOUNDATION INSTALLATION =				938	

Grade 60 Rebar					
Size	Ask #	Wt/ft	10db (in)	d* (in)	d** (in)
#3	11-97203	0.38	3.75	2.25	1.50
#4	11-97204	0.67	5.00	3.00	2.00
#5	11-97205	1.04	6.25	3.75	2.50
#6	11-97200	1.50	7.50	4.50	4.50
#7	11-97207	2.04	8.75	5.25	4.25
#8	11-97208	2.67	10.00	6.00	6.00
#9	11-97209	3.40	11.28	9.50	-
#10	11-97210	4.30	12.70	10.75	-
#11	11-97211	5.31	14.10	12.00	-

* Refers to ACI standard hook detail chart

** Refers to ACI stirrup hook detail chart

Rebar Lap Splice						
Rebar Size	Rebar Grade	Specified Concrete Strength	Overlap (inches)			
			Vert	Bottom Horiz	Top Horiz	
#3	60	3000 psi	15	15	21	
#4	60	3000 psi	20	20	29	
#5	60	3000 psi	26	26	36	
#6	60	3000 psi	33	33	46	
#7	60	3000 psi	45	45	62	
#8	60	3000 psi	59	59	82	
#9	60	3000 psi	74	74	104	
#10	60	3000 psi	95	95	132	
#11	60	3000 psi	116	116	163	

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

Rev	Description	Date	By/Ck	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	valmont MICROFLECT	3575 25TH STREET SE SALEM, OR 97302
				X' - X X/X" - ± 1/8" X"/X" - ± 1/16" X" - ± 3/8" X" - ± 1/16"	By: CWB Check: MF Date: 04/17/12	MAIN (503) 363-9267 FAX (503) 316-2040
S.O. 173392-1-1					SLAB FOUNDATION LAYOUT	Customer CenturyLink
SIZE - B					Dwg No. B-134291	Site Westinghouse, South Ogden, Utah
						Sheet 1 of 1