



SCHEDULE OF PIERS

PIER NO.	DIA.	DEPTH IN FIRM SOIL	OPTIONAL DIA. (DEPTH IN FIRM SOIL = 6'-0")
P1	16"	6'-0"	16"
P2	16"	8'-0"	20" (6) #5 VERT. REBARS
P3	16"	9'-0"	24" (6) #6 VERT. REBARS
P4 & P12	16"	8'-6"	24" (6) #6 VERT. REBARS
P5 TO P9	16"	6'-0"	16"
P10 & P11	16"	7'-6"	20" (6) #5 VERT. REBARS
P13 TO P17	16"	6'-0"	16"
P18	16"	7'-0"	20" (6) #5 VERT. REBARS
P19 TO P45	16"	6'-0"	16"

LEGEND:
 □ SHEARWALL HOLDOWN PER WEGENER ENGINEERING.

FOUNDATION PLAN

SCALE: 1/4"=1'-0"

FOUNDATION NOTES:

1. THE DESIGN OF FOUNDATION IS BASED UPON THE RECOMMENDATIONS OF SOIL REPORT # 2561.0 DATED APR 24, 2008 PREPARED BY BAUER ASSOCIATES, GEOTECHNICAL CONSULTANTS.
2. THE DESIGN IS BASED UPON THE LOADS PROVIDED BY WEGENER ENGINEERING GROUP SHEET NO 5110.
3. PIERS HAVE BEEN DESIGNED FOR NO BEARING AND 700 PSF SKIN FRICTION.
4. CONCRETE SHALL BE NORMAL WEIGHT WITH f'c = 3000 psi @ 28 DAYS.
5. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.
6. MINIMUM LAP FOR REINFORCEMENT SHALL BE 24" FOR #4 & 30" FOR #5 REBAR.
7. MINIMUM DEPTH OF PIER INTO FIRM SOIL IS 6 FT. TOTAL DEPTH OF PIER TO BE FIELD DETERMINED DEPENDING UPON THE ACTUAL THICKNESS OF WEAK SOIL.
8. OBSERVATION OF SITE PREPARATION, GRADING, PLACEMENT, COMPACTION OF FILL OPERATIONS AND PIER DRILLING AND CONSTRUCTION OPERATION BY THE GEOTECHNICAL ENGINEER.
9. STRUCTURAL OBSERVATION SHALL BE REQUIRED BY THE ENGINEER FOR STRUCTURAL CONFORMANCE TO THE APPROVED PLANS.
10. SPECIAL INSPECTION REQUIRED FOR CONCRETE AND DRILLED PIER FOUNDATION.

NOTE:
 MINIMUM DEPTH IN FIRM SOIL IS SHOWN ABOVE. ACTUAL TOTAL DEPTH OF PIER TO BE FIELD DETERMINED DEPENDING UPON THE DEPTH OF WEAK SOIL ABOVE FIRM SOIL AT EACH PIER.