



FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
- (a) 6 MIL. POLY. VAPOR BARRIER UNDER ALL SLABS (UON).
 - (b) 4" CRUSHED BASE (COMPACTED THICKNESS).
 - (c) UNDER SLABS (UON).
 - (d) MIN. 95% REL. COMPACTION UNDER ALL FOOTINGS.
 - (e) TO EXISTING FOUNDATION WALLS BE MECHANICALLY W/RAKED.
 - (f) SLOPE FINAL EARTH GRADING AWAY FROM SLAB EDGE OR CONC. STEMWALL. MIN. 60" @ 2% (UON).
 - (g) CONTRACTOR IS REFERRED TO DETAIL SHEETS FOR CONC. CURE TIMES SHALL BE BASED UPON LOCAL TEMPERATURES & CONC. MIXTURES. CONTACT THE BLDG. DEPT. @ SITE JURISDICTION FOR SPECIFICS.
 - (h) FOOTINGS SHALL EXTEND MIN. 12" INTO UNDISTURBED NATURAL GRND. (UON). DO NOT REMOVE ORGANIC MATERIAL FROM FOUNDATION SITE PRIOR TO EXCAVATION.
 - (i) CONCRETE SHALL BE: 2500# DESIGN MIX. (UON).
 - (j) ANCHOR BOLTS SHALL BE: MIN. 1/2"x10" @ 6'-0" C/C (UON).
 - (k) MIN. 2" EA. SILL PLATE. MAX. 1/4" FROM CORNERS, ENDS, AND MIDDLE OF SPANS. SEE PLAN FOR SHEAR WALL NOTES & SCHEDULES. IF APPLICABLE. USE SIMPSON HOLD DOWN CALCS. IF REQUIRED. INTERIOR WALLS ON SLAB FLOORS USE: OAKER #2094# (OR #) POWDER BEARING WALLS. @ 16" C/C.
 - (l) NON-BEARING WALLS: @ 32" C/C.
 - (m) PROVIDE 20' OF #4 REBAR OR BARE #2 COPPER WIRE ENCASED IN FOOTING NEAR MAIN ELECTRICAL PANEL FOR ELECTRICAL GROUNDING. SHALL BE WRAPPED W/ 3/4" THICK LAYER OF FOAM.
 - (n) REBAR SHALL BE BENT & TIED PER CODE: SCHEDULE 40. WIRE IN PLACE. 24" LAPS & SPLICES. BEND ALL HORIZ. BARS 12" AROUND CORNERS.
 - (o) PROVIDE 2" OAKER #2094# (OR #) POLY. VAPOR BARRIER (OR PENY WALL) @ 24" C/C. SEE PUMPING CLEANOUT. STEPPED FOOTINGS. IF REQUIRED. SHALL BE CONSTRUCTED AS PER DETAIL SHTS.

HOLD DOWN SCHEDULE

SYMBOL	MODEL NUMBER	HEIGHT FROM FINISH FLOOR TO POST	ANCHOR TYPE	POST	MINIMUM THICKNESS
U2	U2H10Z	12"	STEEL	STEEL	6"
U3	U3H10Z	12"	STEEL	STEEL	6"
U4	U4H10Z	12"	STEEL	STEEL	6"
U5	U5H10Z	12"	STEEL	STEEL	6"
U6	U6H10Z	12"	STEEL	STEEL	6"
U7	U7H10Z	12"	STEEL	STEEL	6"
U8	U8H10Z	12"	STEEL	STEEL	6"
U9	U9H10Z	12"	STEEL	STEEL	6"
U10	U10H10Z	12"	STEEL	STEEL	6"
U11	U11H10Z	12"	STEEL	STEEL	6"
U12	U12H10Z	12"	STEEL	STEEL	6"
U13	U13H10Z	12"	STEEL	STEEL	6"
U14	U14H10Z	12"	STEEL	STEEL	6"
U15	U15H10Z	12"	STEEL	STEEL	6"
U16	U16H10Z	12"	STEEL	STEEL	6"
U17	U17H10Z	12"	STEEL	STEEL	6"
U18	U18H10Z	12"	STEEL	STEEL	6"
U19	U19H10Z	12"	STEEL	STEEL	6"
U20	U20H10Z	12"	STEEL	STEEL	6"
U21	U21H10Z	12"	STEEL	STEEL	6"
U22	U22H10Z	12"	STEEL	STEEL	6"
U23	U23H10Z	12"	STEEL	STEEL	6"
U24	U24H10Z	12"	STEEL	STEEL	6"
U25	U25H10Z	12"	STEEL	STEEL	6"
U26	U26H10Z	12"	STEEL	STEEL	6"
U27	U27H10Z	12"	STEEL	STEEL	6"
U28	U28H10Z	12"	STEEL	STEEL	6"
U29	U29H10Z	12"	STEEL	STEEL	6"
U30	U30H10Z	12"	STEEL	STEEL	6"
U31	U31H10Z	12"	STEEL	STEEL	6"
U32	U32H10Z	12"	STEEL	STEEL	6"
U33	U33H10Z	12"	STEEL	STEEL	6"
U34	U34H10Z	12"	STEEL	STEEL	6"
U35	U35H10Z	12"	STEEL	STEEL	6"
U36	U36H10Z	12"	STEEL	STEEL	6"
U37	U37H10Z	12"	STEEL	STEEL	6"
U38	U38H10Z	12"	STEEL	STEEL	6"
U39	U39H10Z	12"	STEEL	STEEL	6"
U40	U40H10Z	12"	STEEL	STEEL	6"
U41	U41H10Z	12"	STEEL	STEEL	6"
U42	U42H10Z	12"	STEEL	STEEL	6"
U43	U43H10Z	12"	STEEL	STEEL	6"
U44	U44H10Z	12"	STEEL	STEEL	6"
U45	U45H10Z	12"	STEEL	STEEL	6"
U46	U46H10Z	12"	STEEL	STEEL	6"
U47	U47H10Z	12"	STEEL	STEEL	6"
U48	U48H10Z	12"	STEEL	STEEL	6"
U49	U49H10Z	12"	STEEL	STEEL	6"
U50	U50H10Z	12"	STEEL	STEEL	6"

- NOTES:
1. EDGE WALL SEER WALL SEAMING TO POSTS FASTENED TO HOLD DOWN.
 2. THE MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.
 3. WITH ALL OF THE MANUFACTURERS INSTALLATION RECOMMENDATIONS.
 4. HOLD DOWN HARDWARE SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY OR APPROVED BY ALL CONCRETE ANCHORS.
 5. SIMPSON STRONG-TIE COMPANY SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY.
 6. USE "SIMPSON" BRAND HOLD-DOWN SYSTEMS.
 7. INSTALL STANDARD NUTS, WASHERS AND CONEPLUGS AS REQUIRED.
 8. ALL HOLD-DOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION POUR.
 9. USE COMMON WIRE GAGE WALS FOR ALL WALKED HOLD-DOWN CONNECTIONS.
 10. ALL HOLD-DOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION POUR.
 11. ALL HOLD-DOWNS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION POUR.
 12. USE SIMPSON W/3/4" THICK LAYER OF FOAM.
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FOUNDATION SCHEDULE

SYMBOL	WIDTH	DEPTH	REIN. EACH WAY	MIN. CONC. (psi)	ALLOW. COLL. LOAD (kips)	SEE NOTES BELOW
A	16" x 16"	18"	NONE REQ'D.	44	2250	2.4
B	24" x 24"	18"	2 - #14	44	4000	2.3,4
C	30" x 30"	18"	3 - #14	64	6250	2.3,4
D	36" x 36"	18"	3 - #14	64	9000	2.3,4
E	42" x 42"	18"	4 - #14	64	12500	2.3,4
F	48" x 48"	18"	4 - #14	64	16000	2.3,4
G	54" x 54"	18"	5 - #14	64	20250	2.3,4
H	60" x 60"	18"	5 - #14	64	25000	2.3,4

- NOTES:
1. DESIGN SOIL PRESSURE = 1000. psf
 2. MINIMUM CONCRETE STRENGTH AT 28 DAYS TO BE 2500 PSI.
 3. REIN. STEEL TO CONFORM TO A.S.T.M. A615-44.
 4. DEPTH / THICKNESS OF FOOTING INDICATES MINIMUM DEPTH OF BOTTOM OF FOOTING BELOW NATURAL GRADE.

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<p>FOUNDATION PLAN</p>	<p>PROJECT Name:</p>	<p>MODIFICATIONS</p>	<p>SCALE: 3/16" = 1'-0"</p>