



FOUNDATION/LOWER SHEAR PLAN
1/4" = 1'-0"



KEYNOTES

- 12" DEEP. FOOTING DOWEL INTO (E) W/#4 @ 12" O.C.
- STEEL POST ANCHOR PLATE, SEE DTL 9/S5
- SEE DTLs 7/S5 AND 8/S5 FOR HOLD-DOWN AND ANCHOR BOLT RETROFIT REQUIREMENTS, TYP AT (E) FOOTINGS
- REMOVE (E) PIER, PLACE (N) PRECAST PIER (EMBED IN (N) FTG) AND POST TO SUPPORT (E) GIRDER
- INTERIOR FTG, SEE DTL 6/S5
- VERIFY (E) FTG AT LEAST 1'-0" WIDE
- VERIFY (N) POST BEARS ON (E) GIRDER

NOTES

- ALL REINFORCEMENT SHALL BE GRADE 40 UON.
- ALL REINFORCEMENT SHALL BE PLACED IN CONFORMANCE W/ ACI REQUIREMENTS.
- PROVIDE 1-#4 REBAR TOP & BOTTOM OF ALL FOOTINGS, 2 BARS MINIMUM.
- USE 2500 PSI CONCRETE, 5 SACK MIX, 1 1/2" MAX AGGREGATE SIZE.
- ALL POSTS ARE 4x4 DF#2 MIN, TYP UON.
- ALL FRAMING LUMBER IN DIRECT CONTACT W/ CONCRETE AND WITHIN 6" OF FINISH GRADE (EARTH) SHALL BE PRESSURE TREATED DF-L.
- USE CBSO POST BASE @ ALL POST CONNECTIONS TO FOUNDATION UON.
- PROVIDE 1/2" DIA X 14" ANCHOR BOLTS @ 6'-0"OC MAXIMUM AT ALL PERIMETER WALLS W/3"x3"x0.229" PLATE WASHERS, UON.
- ALL HARDWARE SHALL BE SIMPSON STRONG-TIE AND SHALL BE INSTALLED PER MFR'S RECOMMENDATIONS. EMBEDDED HARDWARE SHALL BE INSPECTED IN PLACE PRIOR TO FOUNDATION INSPECTION. SEE DETAIL 7/S-1 FOR HOLD-DOWN INSTALLATION DETAIL.
- REPRESENTS SIMPSON HOLD-DOWN. PROVIDE 2-2X W/SPS EDGE NAILING TO STUD NAIL STUD TO STUD W/8D @ 6"OC. SEE DETAIL 7/S1
- DEEPEEN FOOTINGS AS REQUIRED AT HOLD-DOWNS PER 7/S1
- ALL HOLD-DOWNS ARE TO BE FASTENED IN PLACE PRIOR TO INSPECTION.
- SEE SHEET S1 FOR TYPICAL DETAILS AND GENERAL NOTES
- ALL LUMBER USED @ EXTERIOR APPLICATIONS OR EXPOSED TO THE ELEMENTS SHALL BE PRESSURE TREATED DOUG FIR #2 OR REDWOOD #2, OR PAINTED W/ A WOOD PRESERVING PAINT.
- ALL FASTENERS EXPOSED TO THE ELEMENTS SHALL BE OF A CORROSION RESISTANT TYPE.



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Project Information:

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FOOTING SCHEDULE

MARK	FOOTING
(A)	24 INCHES X 24 INCHES
(B)	30 INCHES X 30 INCHES

NOTES: ALL FOOTINGS SHALL BE MINIMUM 12 INCHES DEEP W/#4 AT 12 INCHES EA WAY 3" CLEAR FROM BOTTOM OF FOOTING

SHEAR WALL SCHEDULE

WK	SHEATHING	EDGE NAILING	ANCHOR BOLTS	SILL NAILING	ROOF SHEAR TRANSFER	SHEAR TRANSFER NAILING	CAPACITY
(A)	3/8" STRUCTURAL SHEATH'G (OSB)	8d @ 6" OC	5/8" @ 48" OC	16d @ 6" OC	H1 @ 24" OC	16d @ 6" OC	260 #/FT.
(B)	3/8" STRUCTURAL SHEATH'G (OSB)	8d @ 4" OC	5/8" @ 48" OC	16d @ 4" OC	H1 @ 24" OC	16d @ 4" OC	380 #/FT.
(C)	3/8" STRUCTURAL SHEATH'G (OSB)	8d @ 3" OC	5/8" @ 30" OC	16d @ 3" OC	H1 @ 24" OC	16d @ 3" OC	490 #/FT.
(D)	3/8" STRUCTURAL SHEATH'G (OSB), 2 SIDES	8d @ 2" OC	5/8" @ 12" OC	16d @ 2" OC	H1 @ 24" OC	16d @ 2" OC	1128 #/FT.

- NOTES:
- SEE PLANS FOR LOCATION AND SHEAR TRANSFER DETAILS FOR APPLICATION
 - PROVIDE 3X MIN. FOUNDATION SILL AND PANEL JOINT MEMBERS FOR SHEAR WALL TYPES "C" AND "G"

Sheet Title:

FOUNDATION/LOWER SHEAR PLAN

REVISIONS

BY

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Plan No.:

Job: 09-001

Sheet No.:

Dr: BJN

Date: 1/27/09

Sc: AS NOTED

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