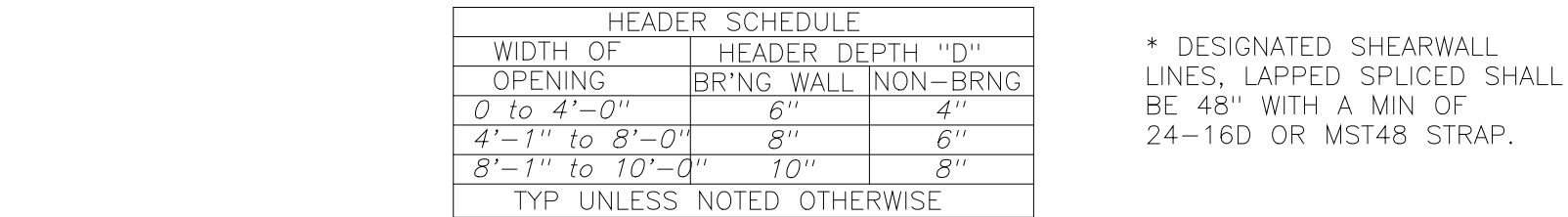


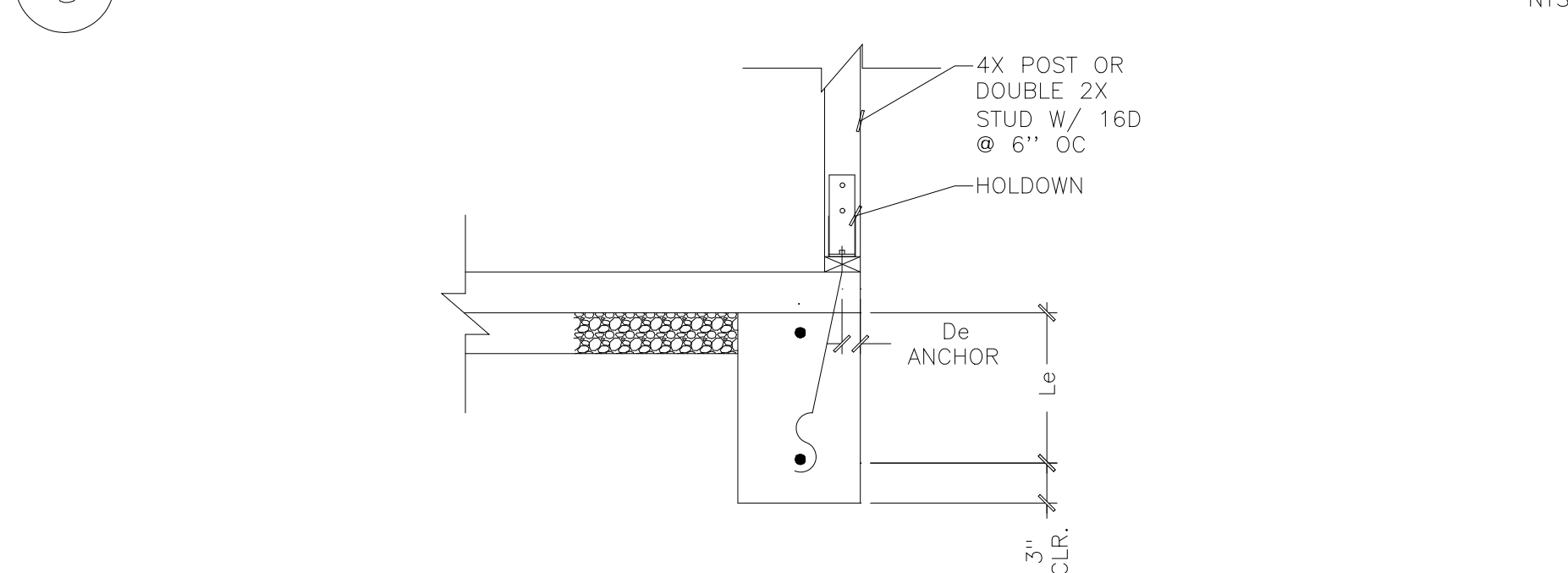
NAIL SIZE	DIAMETER	LENGTH
8d COMMON	.131 IN.	2 1/2 IN.
10d COMMON	.148 IN.	3 IN.
16d COMMON	.162 IN.	3 1/2 IN.



Technical drawing of a rectangular box with a stepped top profile. The drawing shows three circular holes of diameter $D/4$ MAX. The top profile has a $1/2$ inch radius at the corners. The middle section of the top profile is 2 inches high. The total width is labeled "D". The middle section of the top profile is labeled "NO NOTCHES IN MIDDLE 1/3 OF SPAN".

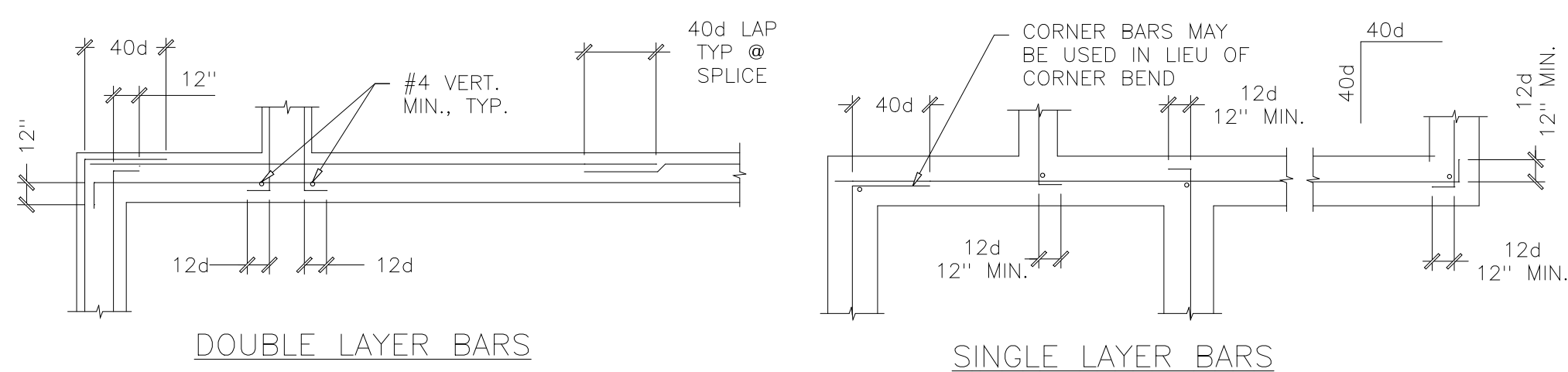
NOTES:

1. PREDRILL CORNERS OF NOTCHES SO AS NOT TO OVER CUT.
2. NOTCHES ON THE ENDS OF JOISTS & HEADERS SHALL NOT EXCEED 1/4 THE JOIST DEPTH.
3. NOTCHES IN THE TOP OF JOISTS SHALL NOT EXCEED 1/10 THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN.
4. NOTCHES ON THE BOTTOM OF JOISTS ALLOWED ONLY WHERE SPECIFICALLY SHOWN ON DRAWINGS.
5. HOLES BORED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM AND SHALL NOT HAVE A DIAMETER LARGER THAN THE DEPTH OF THE JOIST.
6. CUTTING AND NOTCHING OF EXTERIOR WALLS AND BEARING PARTITIONS SHALL NOT EXCEED 25 PERCENT OF THE STUD WIDTH
7. CUTTING AND NOTCHING OF NON-BEARING PARTITIONS SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE PARTITION SHALL NOT EXCEED 40 PERCENT OF THE STUD WIDTH.
8. A BORED HOLE NOT GREATER THAN 40 PERCENT OF THE STUD WIDTH MAY BE BORED IN ANY STUD.
9. BORED HOLES NOT GREATER THAN 60 PERCENT OF THE WIDTH OF ANY STUD ARE PERMITTED IN NON-BEARING PARTITIONS AND ANY WALL WHERE EACH BORED STUD IS DOUBLED, PROVIDED NOT MORE THAN TWO SUCCESSIVE DOUBLE STUDS ARE SO BORED.



HOLDDOWN	ALLOW LOAD	ANCHOR DIA	ANCHOR	EMBEDMENT (l _e)	EMBEDMENT 8" STEM WALL	MIN FTG WIDTH	D _e
PHD2-SDS3	3610	5/8"	SSTB20	17"	—	12"	1 3/4"
PHD5-SDS3	4685	5/8"	SSTB24	21"	—	12"	1 3/4"
PHD6-SDS3	5860	7/8"	SSTB34	29"	—	12"	1 3/4"
HDQ8	6465	7/8"	SSTB34	29"	—	12"	1 3/4"
HHQ11	11445	1"	HEADED A.B.	25"	36"	24"	1 3/4"
HHQ14	14700	1"	HEADED A.B.	25" (8" side cover) (8" end dist)	36"	24"	1 3/4"

2. ANCHOR BOLT SHALL BE INSTALLED PER MFR. RECOMMENDATION.
3. IF TWO POURS, EMBEDMENT SHALL BE IN FIRST POUR.



1. ALL FOUNDATION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2007 CBC.
2. BOTTOMS OF ALL FOUNDATIONS SHALL BE LEVEL. CHANGES IN BOTTOM OF FOUNDATION ELEVATION SHALL BE MADE ACCORDING TO STEPPED FOOTING DETAIL 10.
3. ALL PILE CAPS, GRADE BEAMS, TIE BEAMS & OTHER FOOTINGS SHALL BE FORMED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. FOUNDATIONS MAY BE CAST IN NEAT EXCAVATIONS PROVIDED WRITTEN APPROVAL IS OBTAINED AND FOOTINGS ARE INCREASED 2" IN WIDTH. USE 2x12 PLANK AT EDGE OF EXCAVATION TO PROTECT AGAINST SLUFFING, AS REQUIRED.

1. NOTES AND DETAILS ON TYPICAL SECTIONS SHALL APPLY UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.
2. DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME NATURE AS SHOWN FOR SIMILAR CONDITION.
3. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE 2007 CALIFORNIA CODE, CBC.
4. PROJECT FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER ON ALL STRUCTURAL STEEL, REINFORCING STEEL, GLU- LAMINATED, CONCRETE MIX PROPORTIONS, T.J/S, OPEN WEB TRUSSES, MANUFACTURED JOIST, SHOP DRAWINGS:

CONTRACTOR AGREES THAT SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS AND THAT THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO INFORM THE ENGINEER TO THE EFFECT THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL HE INTENDS TO FURNISH AND INSTALL AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS HE INTENDS TO USE.

5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LIMITS, ETC. ON THE JOB.
6. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER WHERE A CONFLICT OCCURS IN ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR SHALL NOT TO ORDER MATERIAL OR COME BACK TO THE FIELD FOR THE BUILDING OF WHICH IT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED W/ AFFILIATED PARTIES.

IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY W/ THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL O.S.H.A. REQUIREMENTS AS THEY APPLY TO THE PROJECT.

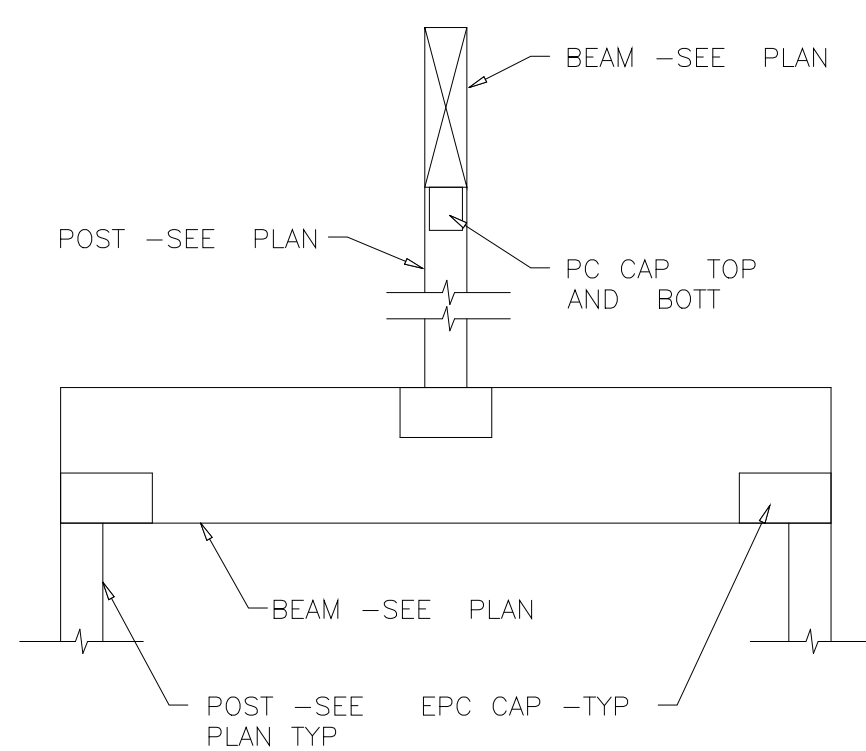
THE ENGINEER DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTORS FAILURE TO COMPLY W/ THESE REQUIREMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED, AND ANY OTHER TEMPORARY SUPPORT WHICH WILL BE NEEDED FOR THE SAFE COMPLETION OF THE PROJECT.

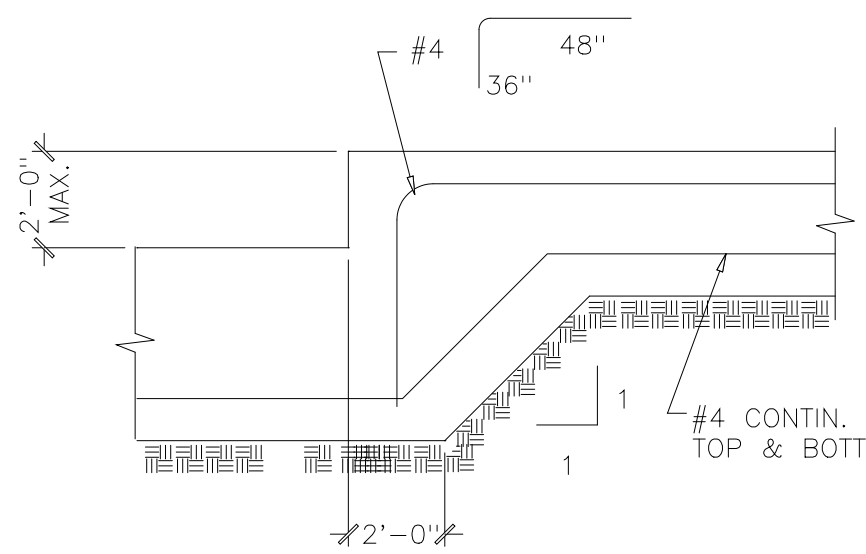
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2007 CALIFORNIA BUILDING CODE (CBC)
LIVE LOADS
    ROOF _____ 20 PSF(REDUCTIBLE), TYP
WIND (Simplified procedure)
    EXPOSURE B
    BASIC WIND SPEED = 85 MPH
    I = 1.0
    FIGURE 6-2 ASCE 7-05
    USE ZONE A = 15 PSF FOR ENTIRE BUILDING
SEISMIC (Simplified Procedure)
    2007 CBC
    OCCUPANCY II
    SITE CLASS D, SEISMIC DESIGN CATEGORY D
    S=0.6/1.3, S1=0.20, Fm=1.15, Fv=1.8, R=6.5
    V=CsgeW/R

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NOTE: USE WHERE POST IS NOT WITHIN WALL UON.



1. STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH, $f'_c = 2,500$ PSI.
2. CONCRETE MIX DESIGN SHALL BE MIN 5 SACK MIX AND PREPARED BY AN INDEPENDENT LABORATORY APPROVED BY THE ENGINEER. SELECTION OF CONCRETE MIX PROPORTIONS SHALL BE PER 2007 CBC SECTION 1905.3 OR 1905.4.
3. CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
4. CONCRETE AGGREGATES SHALL BE 1 1/2" MAX SIZE AND CONFORM TO ASTM C-33. AGGREGATES FOR LIGHTWEIGHT CONC. SHALL CONFORM TO ASTM C-330.
5. REINFORCING STEEL SHALL CONFORM TO ASTM A615 - GRADE 40. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706.
6. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH ACI REQUIREMENTS
7. ALL PREHEATING & WELDING OF REINFORCING BARS SHALL BE DONE IN ACCORDANCE WITH AWS D1.4 LATEST EDITION AND SUBMITTALS CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY. CONTRACTOR SHALL FURNISH TO THE LABORATORY, REBAR MILL CERTIFICATES.
8. REINFORCING STEEL SHALL BE FACRICATED ACCORDING TO "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION."
9. WIRE FABRIC SHALL CONFORM TO ASTM A-185.
10. DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF MAIN BARS AND DENOTE CLEAR COVERAGE. CONCRETE COVERAGE SHALL BE AS FOLLOWS: CONCRETE DEPOSITED AGAINST GROUND (EXCEPT SLABS) - 3". CONCRETE EXPOSED TO GROUND BUT PLACED IN FORMS - 2". SLABS (ON GROUND) - 2" CLEAR FROM TOP UNDO.
11. SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE 48 BAR DIAMETERS & SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'-0" APART. SPICE CONTINUOUS BARS IN SPANDRELS, GRADE BEAMS, ETC., AS FOLLOWS: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE AT SUPPORT, UNLESS NOTED OTHERWISE OTHERWISE. SPLICES IN WFF SHALL BE 1-1/2" MESHES WIDE.
12. CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHEN BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING OR RAKING THE SURFACE TO PRODUCE 1/4" DEEP DEFORMATION
13. REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
14. REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC., TO BE EMBEDDED IN CONCRETE SHALL BE TIED SECURELY IN POSITION BEFORE PLACING CONCRETE.
15. MAXIMUM FREE FALL OF CONCRETE SHALL BE 8'-0".
16. CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODS OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND AND PROJECT CONDITIONS.
17. NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
18. ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
19. DRILL THROUGH STEEL COLUMNS, BEAMS AND PLATES TO PASS CONTINUOUS REINFORCING.
20. ADDITIONAL REINFORCING IN PRECAST OR TILT-UP PANELS REQUIRED FOR LIFTING STRESSES SHALL BE SUPPLIED BY THE CONTRACTOR.
21. PROVIDE 2-#4x4'-0" DIAGONAL REINFORCING AT MID-DEPTH OF SLAB AT ALL REINTRANT CORNERS TYPICAL.

ALL STRUCTURAL WOOD SHALL CONFORM WITH THE FOLLOWING SPECIFICATION: DOUGLAS FIR - COAST REGION - WCLIB GRADING RULES #17 OF #1, EXCEPT 2X4 AND 2X6 WALL STUDS, PLATES, AND BLOCKING MAY BE OF #2. REDWOOD - CALIFORNIA REDWOOD ASSOCIATION GRADING RULES, LATEST EDITION. GLUED LAMINATED BEAMS - STANDARD SPEC. FOR STRUCTURAL GLUED LAMINATED TIMBER AITC #17 LATEST EDITION. SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION OF GLUED-LAMINATED MEMBERS. PLYWOOD - U.S. PRODUCT STANDARD P.S. 2-92 FOR SPLY PLYWOOD STRUCT 1 @ WALLS; CDX @ FLOORS AND ROOF - U.N.O. PRESSURE TREATED DOUGLAS FIR - 2007 CBC SECTION, 2303. ALL WOOD IN DIRECT CONTACT WITH EARTH OR CONCRETE SHALL BE PRESURE TREATED.

BEARING SHEAR WALLS SHALL HAVE DOUBLE TOP PLATES, LAPPED @ WALL & PARTITION INTERSECTION w/ 3-16d NAILS. SPLICE UPPER & LOWER PLATES AS IN DETAIL 1 ON TYP. DETAIL SHEET.

PROVIDE SOLID BLOCK® BTWN JOISTS & RAFTERS AT ALL SUPPORTS.

JOIST BLOCKING AT ALL CEILING LEVELS.

JOISTS UNDER AND PARALLEL TO PARTITIONS SHALL BE DOUBLED AND NAILED TOGETHER.

HOLES FOR BOLTS IN WOOD SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT PLUS 1/16".

HOLES FOR LAG SCREWS SHALL BE FIRST BORED TO THE SAME DIAMETER AND DEPTH AS THE SHANK AND THE REST NO LARGER THAN THE ROOT OF THE THREAD.

LAG SCREWS 7 WOOD SCREWS SHALL BE SCREWED & NOT DRIVEN INTO PLACE. SOAP MAY BE USED TO LUBRICATE THE SCREWS.

SCREWS & LAG SCREWS SHALL BE PROVIDED w/ METAL WASHERS UNDER HEADS & NUTS WHICH BEAR ON WOOD, APPLIES ALSO TO INSERTED EXPANDING FASTENERS, RED HEAD, ETC.

BOLT DIAMETER	MI WASHER	STEEL WASHER
1/2"	2" dia x 1/4"	2"x2"x 3/16"
5/8"	3" dia x 1/4"	3"x3"x 1/4"
3/4"	3 1/2" dia x 5/16"	3 1/2"x3 1/2"x 1/4"
1"	4" dia x 5/16"	3 1/2"x3 1/2"x 1/4"

1. ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED ON INSTALLATION AND RETIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
2. LAY ALL STRUCTURAL PLYWOOD ON ROOF AND FLOORS WITH FACE GRAIN PERPENDICULAR TO SUPPORT UNLESS NOTED OTHERWISE.
3. BLOCK SP JOINTS WITH 2X4 FLAT BLOCKING WHERE NOTED ON ROOF OR FLOOR FRAMING PLANS AND WITH BLOCKING SAME AS STUDS AT WALLS. USE PLYCLIPS AT MIDSPAN OF UNSUPPORTED PLYWOOD EDGES.
4. CONNECTOR HARDWARE MODEL NUMBER ARE THOSE FOR SIMPSON STRONG-TIE COMPANY. EQUIVALENT CONNECTORS WITH ICBO ACCEPTANCE MAY BE SUBSTITUTED. ALL JOIST HANGERS SHALL BE SIMPSON U SERIES UNLESS NOTED OTHERWISE.
5. NOTIFY ENGINEER AFTER WALL, FLOOR, AND ROOF SP NAILING HAS BEEN COMPLETED AND A MINIMUM OF 48 HOURS PRIOR TO CONCRETE SL.
6. UNLESS OTHERWISE NOTED ON THESE PLANS, ALL WOOD CONSTRUCTION SHALL CONFORM TO THE PROVISIONS OF SECTION 2308 OF THE 2007 CBC.

ANCHOR BOLT
BETWEEN
CONSTRUCTION JOINT
CLEAR
CONCRETE
CONTINUOUS
COMPLETE PENETRATION
COUNTERSINK
CONTROL JOINT
DOUGLAS FIR
DEAD LOAD
DITTO
EXISTING
EXPANSION JOINT
EDGE NAILING
FACE OF BLOCK
FACE OF CONCRETE
FINISH FLOOR
FLOOR
FACE OF STUD
FOOTING
GAUGE
GLUE-LAMINATED BEAM
HEADER
HIGH STRENGTH BOLT(A-325)
HEIGHT
JOIST HANGER (SIMPSON)
LIVE LOAD
LAM SCREW
LIGHT WEIGHT
LAMINATED VENEER LUMBER
MANUFACTURER
MALLEABLE IRON
NEW
NOT TO SCALE
OF CENTER
OPPOSITE HAND
PIECE
PARTIAL PENETRATION
PRESSURE TREATED DOUGLAS FIR
REDWOOD
SHEAR CONNECTOR
SELF DRILLING, SELF TAPPING SCREW
STRUCTURAL PLYWOOD EDGE NAILING
STRUCTURAL PLYWOOD SHEATHING
STINGER
STAGGERED
T & B
T & G
TONGUE & GROOVE
TOE NAIL
TOP OF FRAMING
TOP OF STEEL
UNLESS NOTED OTHERWISE
WOOD SCREW
WITH
WITHOUT
WORK POINT
WELDED WIRE FABRIC
CENTERLINE
PLATE
NUMBER OR POUNDS
SQUARE
ROUND OR DIAMETER
CONTINUOUS WOOD IN SECTION
WOOD BLOCKING IN SECTION
END OF WOOD PIECE

SPECIFIC DETAILS AND NOTES ON OTHER
SHEETS SHALL PREVAIL OVER TYPICAL
DETAILS AND NOTES ON THIS SHEET



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GENERAL
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DETAILS & NOTES

REVISIONS	BY	REVISIONS	BY

Plan No.:	Job: 09—00	Sheet No.:
	Dr: DETAILS	S1
Date: 1/27/09	Sc: AS NOTED	

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