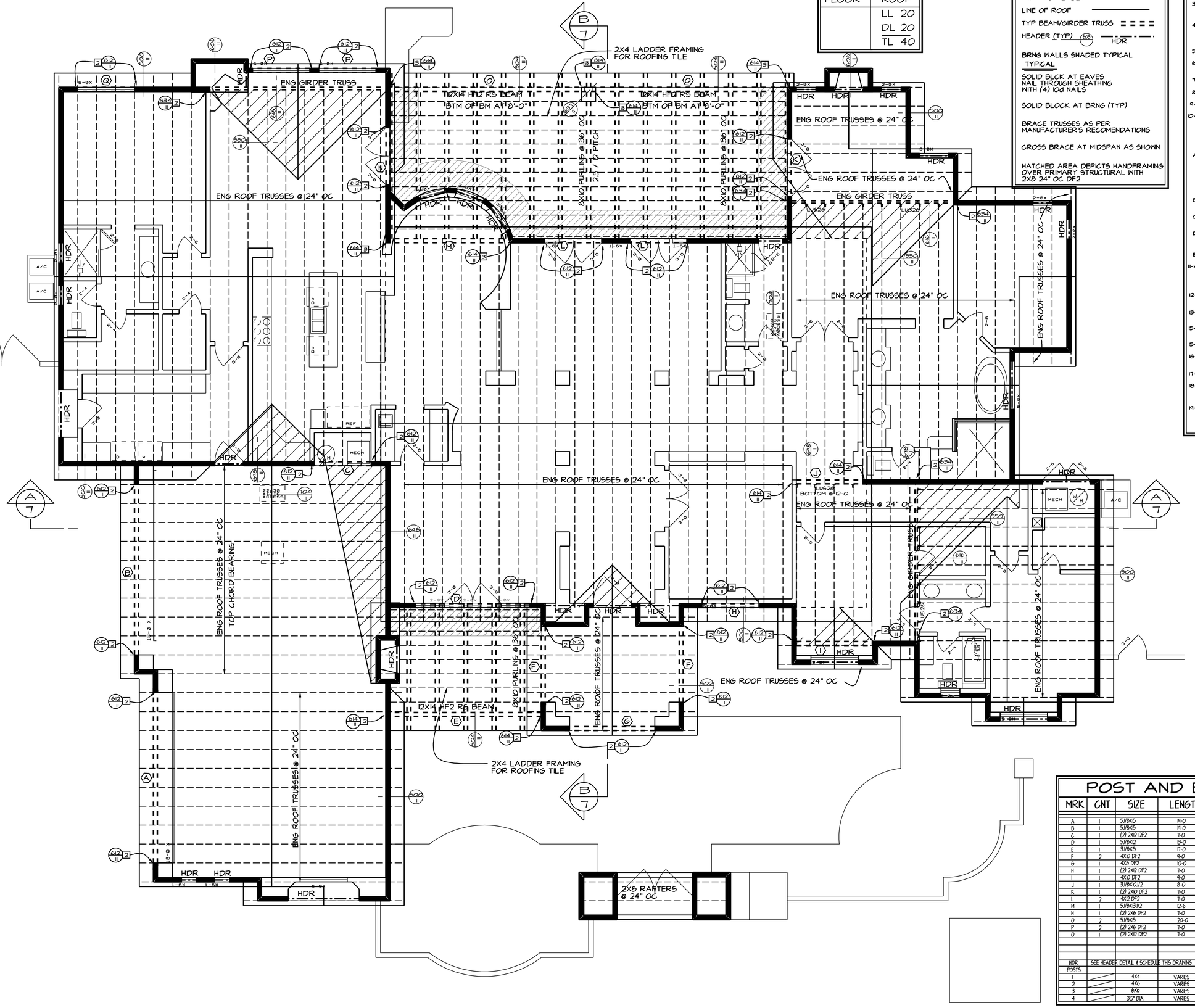


DESIGN LOADS	
FLOOR	ROOF
	LL 20
	DL 20
	TL 40

BEAM ⬡
POST □
FRAMING MEMBER - - - - - -
LINE OF ROOF ——————
TYP BEAM/GIRDER TRUSS = = = =
HEADER (TYP) (603) HDR

BRNG WALLS SHADED TYPICAL

SOLID BLCK AT EAVES
NAIL THROUGH SHEATHING
WITH (4) 10d NAILS

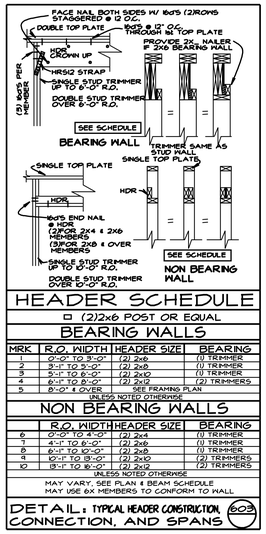
SOLID BLOCK AT BRNG (TYP)

BRACE TRUSSES AS PER
MANUFACTURER'S RECOMENDATIONS

CROSS BRACE AT MIDSPAN AS SHOWN

HATCHED AREA DEPICTS HANDFRAMING OVER PRIMARY STRUCTURAL WITH 2X8 24" OC DF2

NOTES:
1-PROVIDE 1/2" MIN CLEARANCE BETWEEN TOP PLATE OF INTERIOR PARTITIONS AND BOTTOM CORD OF TRUSSES
2-NAILING SCHEDULE TO COMPLY WITH IRC TABLE NO. 602.3(1).
3-AITC CERTIFICATE OF COMPLIANCE FOR ALL GLUE LAMINATED BEAMS TO BE SUBMITTED TO BUILDING INSPECTOR PRIOR TO ERECTION IF REQUIRED
4-DESIGN AND DETAILS OF FABRICATED ROOF TRUSSES TO BE SIGNED BY A STATE LICENSED ENGINEER AND APPROVED BY COUNTY AND/OR CITY BUILDING CODES DIVISION PRIOR TO INSTALLATION. (IRC R802.10.1)
5-ALL PLYWOOD USED IN EXPOSED EAVE LOCATIONS TO BE EXTERIOR GRADE
6-TRUSS LAYOUT TO PROVIDE 2'-2" X 30" MIN. ATTIC ACCESS IF MECHANICAL EQUIPMENT IS LOCATED WITHIN ATTIC. SECTION IRC M1305.1.3
7-PRESSURE TREATED OR EQUAL SILL PLATE WOOD TO CONC CONNECTIONS
8-WEATHER RESISTIVE BARRIER UNDER STUCCO SYSTEMS.
9-DOUBLE JOIST UNDER PARALLEL PARTITIONS IRC R502.4.
10-FIREBLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE FIRE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE. FIREBLOCKING SHALL BE PROVIED IN WOOD-FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS: (IRC R602.8)
A-AT CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS, AND AT 10'-0 INTERVALS BOTH VERTICAL AND HORIZONTAL. BATTS OR BLANKETS OF MINERAL OR GLASS FIBER OR OTHER APPROVED NON-RIGID MATERALS SHALL BE ALLOWED AS FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL ROWS OF STUDS OR STAGGERED STUDS.
B-AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, & COVE CLGS.
C-IN CONCEALED SPACES BETWEEN STAIR STRINGERS, AT THE TOP AND BOTTOM OF THE RUN, ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH R314.8
D-AT OPENINGS AROUND VENTS, PIPES, DUCTS AT CLG & FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION.
E-FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES. SEE SECTION R1001.8
11-WOOD STUD WALLS SHALL BE CAPPED WITH A DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS. END JOINTS IN TOP PLATES SHALL BE OFFSET AT LEAST 24". IRC R602.3.2
12-A THERMAL BARRIER OVER THE FOAM BOARD EXPOSED IN THE ATTIC AREAS. (GYPSUM BOARD, MINERAL FIBER WOOL, ETC.)
13-ROOF SHEATHING (UNDER OVER-FRAMING) SHALL EXTEND TO ENDS OF RAFTERS OR TRUSSES AND BE INTERMEDIATE AND/OR BOUNDARY NAILED.
15-PROVIDE MAXIMUM BLOCKED 22"X48" ACCESS VENTILATION OPENING. BOUNDARY NAIL PLYWOOD EDGES
15-PROVIDE 2X8 (MIN) VALLEY PLATES WHERE ROOF SHAPES ARE BUILT-UP OFF OF ROOF DECKING.
16-PROVIDE BLOCKING AT RIDGES, HIPS, & VALLEYS FOR BOUNDARY EDGE NAILING OF ROOF SHEATHING IRC R802.3
17-PROVIDE ALL CEILING JOIST AS PER IRC TABLES No. R802.4(1), R802.4(2)
18-PREFABICATED WOOD TRUSSES TO BE PROVIDED BY AN APPROVED FABRICATOR. TRUSS DIAGRAMS TO BE PROVIDED TO THE CITY INSPECTOR AT THE FRAMING INSPECTION.
19-IF SOLID SHEATHING IS USED ON LOWER TRUSSES PROVIDE OPENINGS FOR ACCESS AND VENTILATION. IF SOLID SHEATHING IS NOT USED ON LOWER TRUSSES PROVIDE DETAILS FOR BRACING OF TOP CHORD OF LOWER TRUSSES.



HEADER SCHEDULE

□ (2)2x6 POST OR EQUAL

BEARING WALLS

MRK	R.O. WIDTH	HEADER SIZE	BEARING
1	0'-0" TO 3'-0"	(2) 2x6	(1) TRIMMER
2	3'-1" TO 5'-0"	(2) 2x8	(1) TRIMMER
3	5'-1" TO 6'-0"	(2) 2x10	(1) TRIMMER
4	6'-1" TO 8'-0"	(2) 2x12	(2) TRIMMERS
5	8'-0" & OVER	SEE FRAMING PLAN	

UNLESS NOTED OTHERWISE

NON BEARING WALLS

	R.O. WIDTH	HEADER SIZE	BEARING
6	0'-0" TO 4'-0"	(2) 2x4	(1) TRIMMER
7	4'-1" TO 6'-0"	(2) 2x6	(1) TRIMMER
8	6'-1" TO 10'-0"	(2) 2x8	(1) TRIMMER
9	10'-1" TO 13'-0"	(2) 2x10	(2) TRIMMERS
10	13'-1" TO 16'-0"	(2) 2x12	(2) TRIMMERS

UNLESS NOTED OTHERWISE

MAY VARY, SEE PLAN & BEAM SCHEDULE
MAY USE 6X MEMBERS TO CONFORM TO WALL

DETAIL: TYPICAL HEADER CONSTRUCTION, CONNECTION, AND SPANS (603)

POST AND BEAM SCHEDULE

MRK	CNT	SIZE	LENGTH	TYPE	REMARKS
A	1	5 1/8X5	9'-0	GLU-LAM	
B	1	5 1/8X5	9'-0	GLU-LAM	
C	1	(2) 2X12 DF2	7'-0	BUILT-UP	
D	1	5 1/8X12	15'-0	GLU-LAM	
E	1	3 1/8X5	11'-0	GLU-LAM	FOR EXTERIOR WET USE
F	2	4X10 DF2	9'-0	SOLID LUMBER	FOR EXTERIOR WET USE
G	1	4X8 DF2	10'-0	SOLID LUMBER	FOR EXTERIOR WET USE
H	1	(2) 2X12 DF2	7'-0	BUILT-UP	
I	1	4X10 DF2	9'-0	SOLID LUMBER	
J	1	3 1/8X10 1/2	8'-0	GLU-LAM	BOTTOM @ 12'-0
K	1	(2) 2X10 DF2	7'-0	BUILT-UP	
L	2	4X12 DF2	7'-0	SOLID LUMBER	
M	1	5 1/8X13 1/2	12'-6	GLU-LAM	
N	1	(2) 2X6 DF2	7'-0	BUILT-UP	
O	2	5 1/8X15	20'-0	GLU-LAM	FOR EXTERIOR WET USE
P	2	(2) 2X6 DF2	7'-0	BUILT-UP	
Q	1	(2) 2X12 DF2	7'-0	BUILT-UP	
HDR	SEE HEADER DETAIL & SCHEDULE THIS DRAWING				
POSTS					
1		4X4	VARIES	FIR	OR BUILT UP 2X
2		4X6	VARIES	FIR	OR BUILT UP 2X
3		6X6	VARIES	FIR	OR BUILT UP 2X
4		3.5" DIA	VARIES	STEEL COL	

ROOF STRUCTURAL

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

8 OF 11

ALL WORK PERFORMED ON THIS PLAN SHALL COMPLY WITH ALL CODES, LAWS, ORDINANCES, RULES AND REGULATIONS GOVERNING THE WORK OF THE VARIOUS TRADES INVOLVED. THESE PLANS ARE DRAWN TO SCALE, BUT DIMENSIONS GOVERN OVER SCALE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND NOTIFY THE DESIGNER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. THESE PLANS REMAIN THE PROPERTY OF THE DESIGNER AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF THE DESIGNER.

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DATE: 11.06.12		
1	REVISED	
2	REVISED	
3	REVISED	
		IRC