

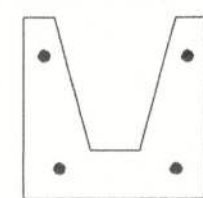
Lintel Concrete Strength = 4000 psi
Fill Concrete Strength = 3000 psi
Steel Strength = Grade 60 (#6), Grade 40 (#2 - #5)

TYPE	TOP BARS	BOTTOM BARS
A	NONE	2-#3
B	NONE	2-#4
C	2-#2	2-#4

DOORWAY HEADER

DOOR SIZE	TYPE	FILLED + BEAM
3'-0"	A	6000+ PLF
5'-0"	B	5689 PLF
6'-0"	C	4262 PLF

FILLED + BEAM = Acting as composite beam with an 8" perimeter beam
1-#5 rebar in lintel, 1-#5 rebar in perimeter beam



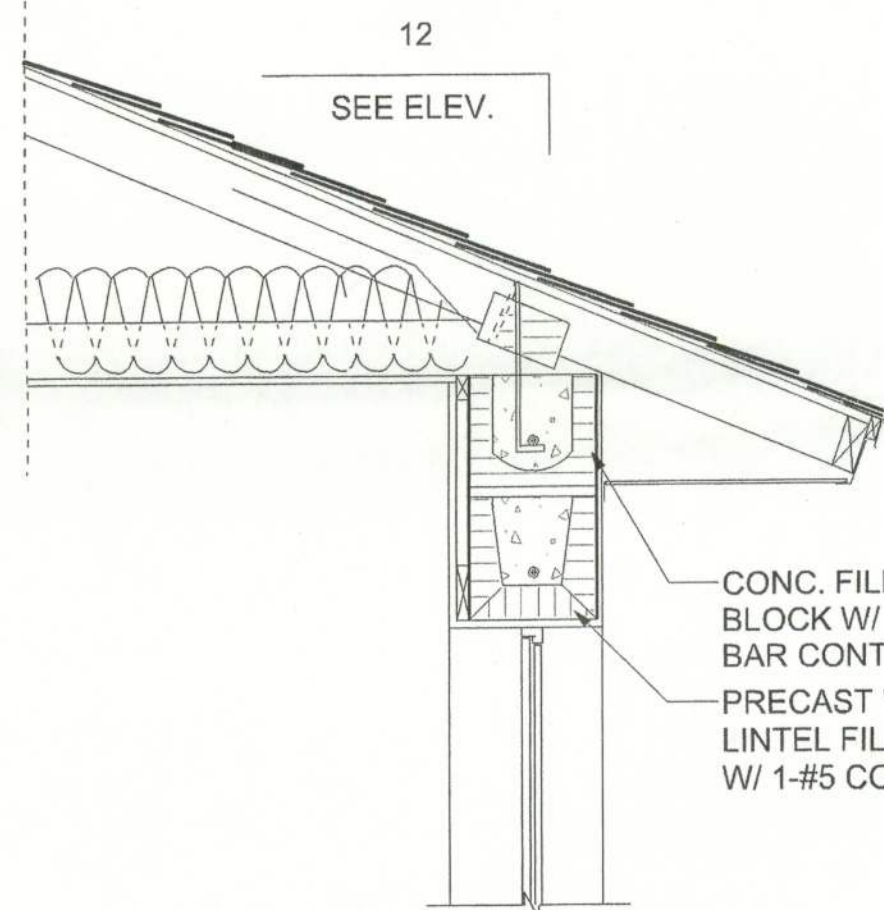
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TYPE	TOP BARS	BOTTOM BARS
A	NONE	2-#3
B	2-#2	2-#4
C	2-#3	2-#4
D	2-#3	2-#5
E	2-#4	2-#6

PRECAST LINTEL OVER OPENINGS

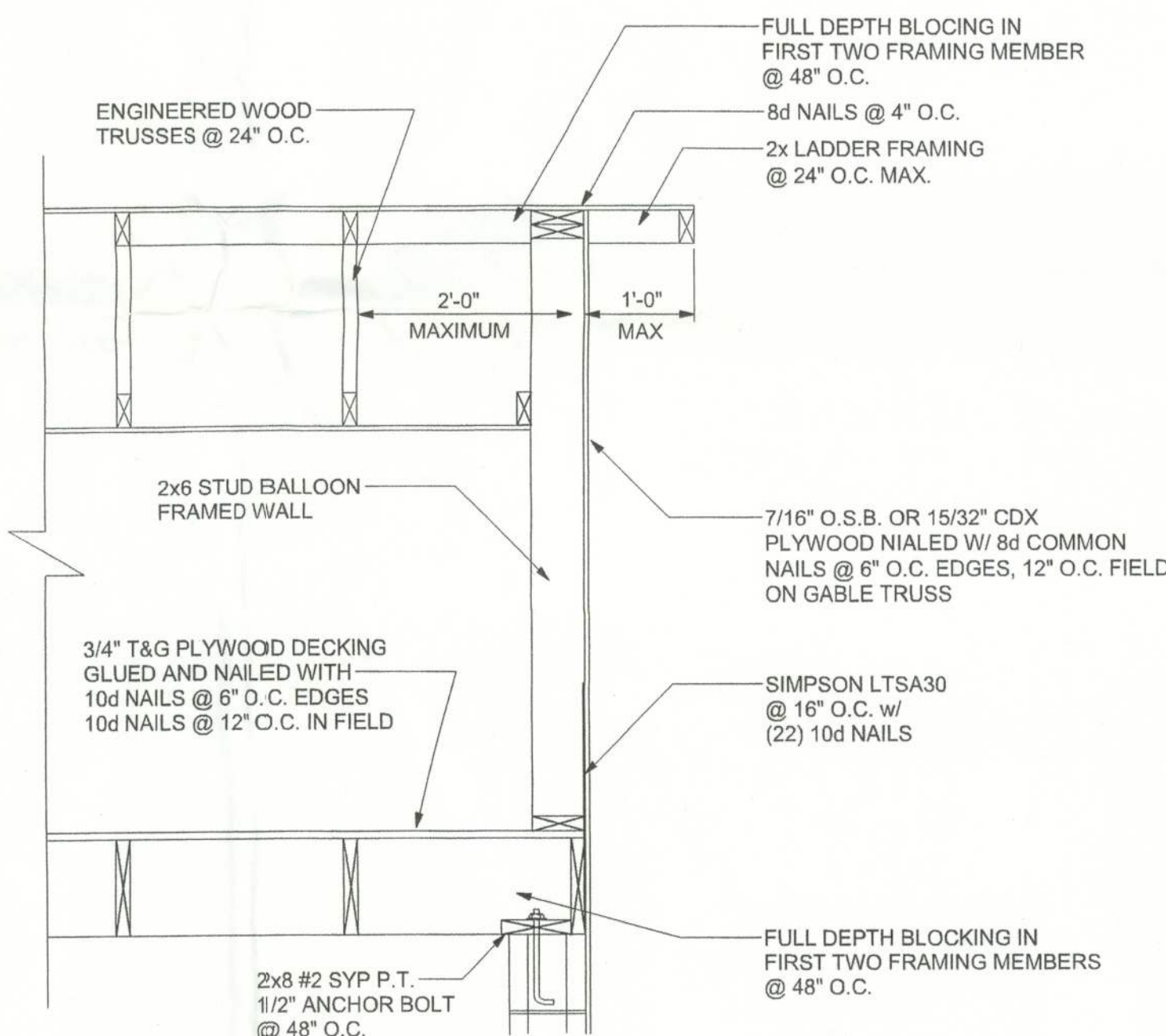
LENGTH	CLEAR SPAN	TYPE	FILLED + BEAM
4'-6"	3'-2"	A	6000+ PLF
7'-6"	6'-2"	B	5663 PLF
12'-0"	10'-8"	D	2181 PLF
17'-4"	16'-0"	E	1366 PLF

FILLED + BEAM = Acting as composite beam with an 8" perimeter beam
1-#5 rebar in lintel, 1-#5 rebar in perimeter beam



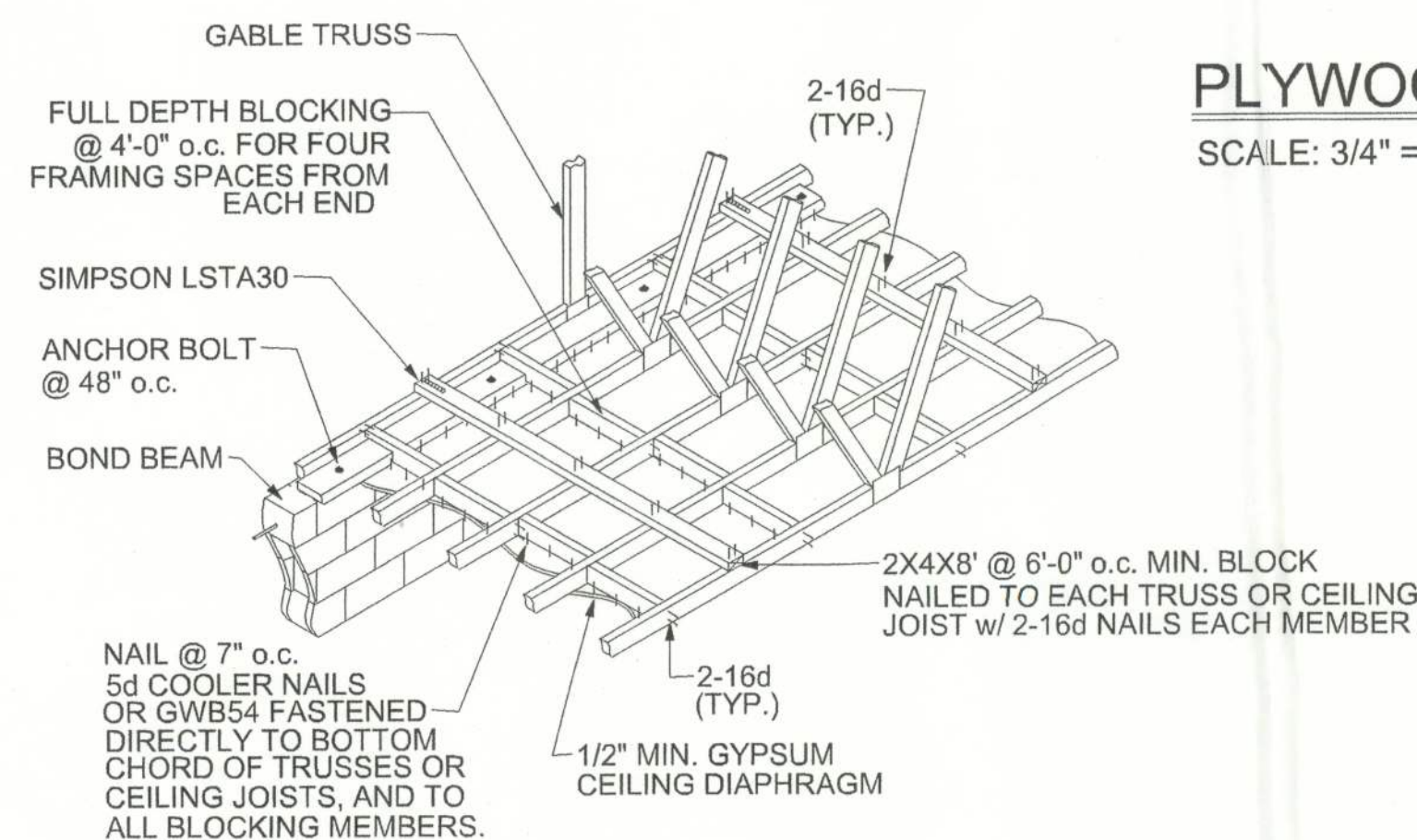
TIE BEAM DETAIL

SCALE: 1" = 1'-0"



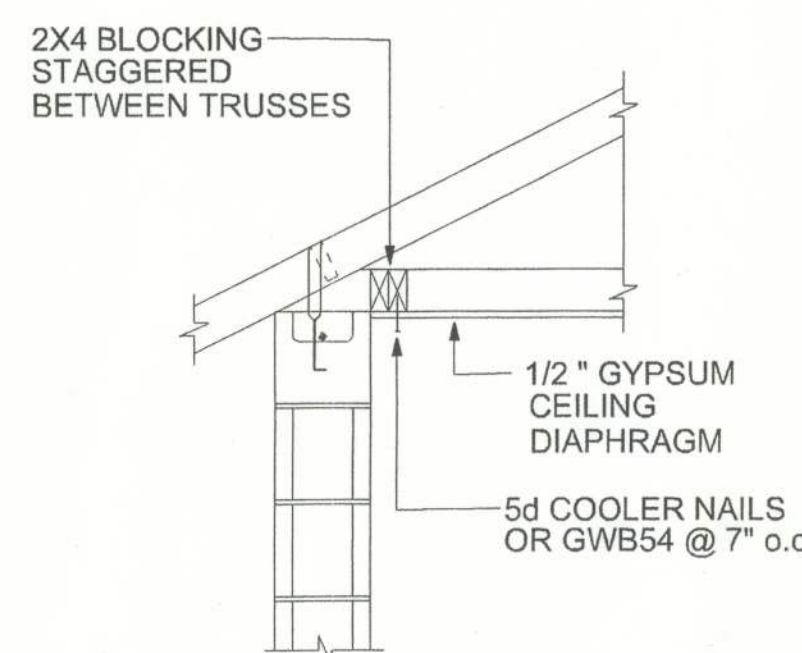
PLYWOOD DIAPHRAGM AT GABLE

SCALE: 3/4" = 1'-0"



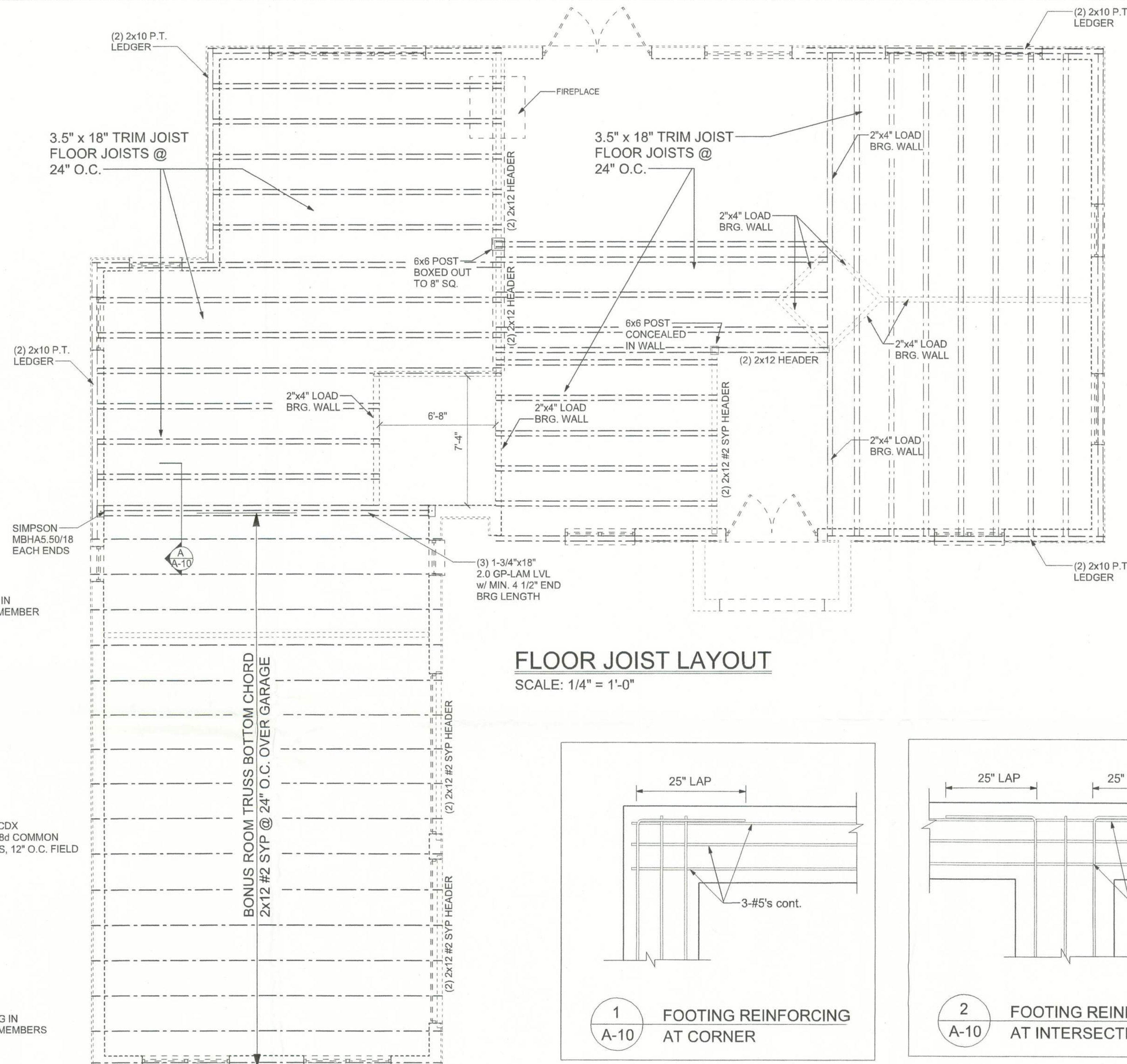
A DIRECT TRUSS TO MASONRY CONNECTION

ENDWALL FOR GYPSUM CEILING DIAPHRAGM



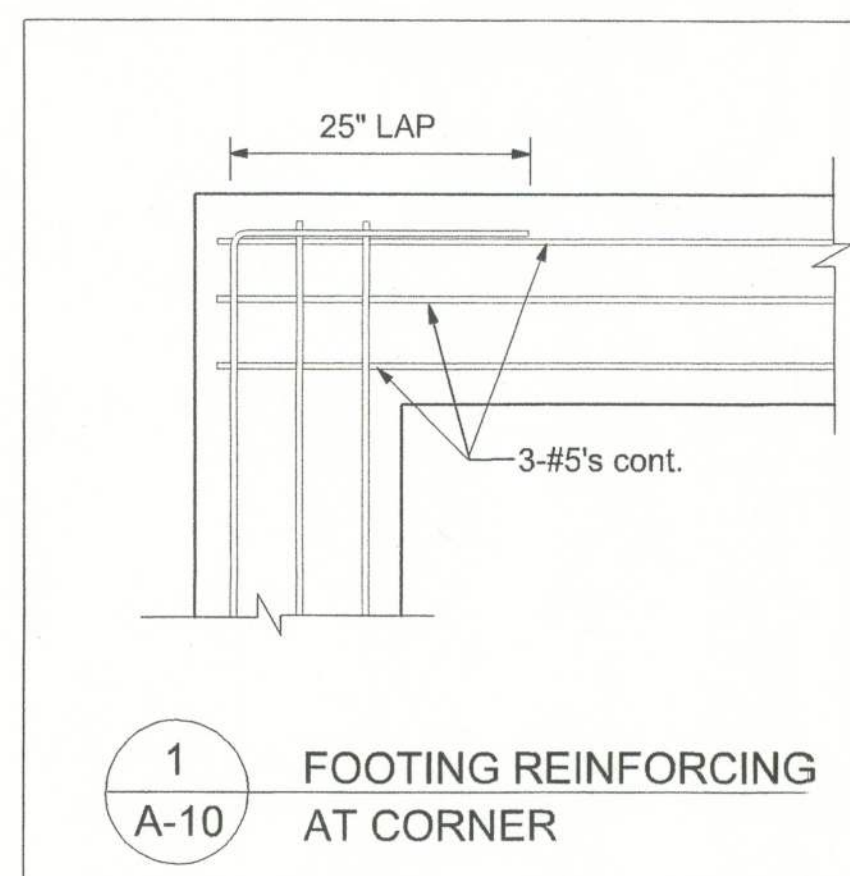
B GYPSUM CEILING DIAPHRAGM

TO SIDEWALL CONNECTION

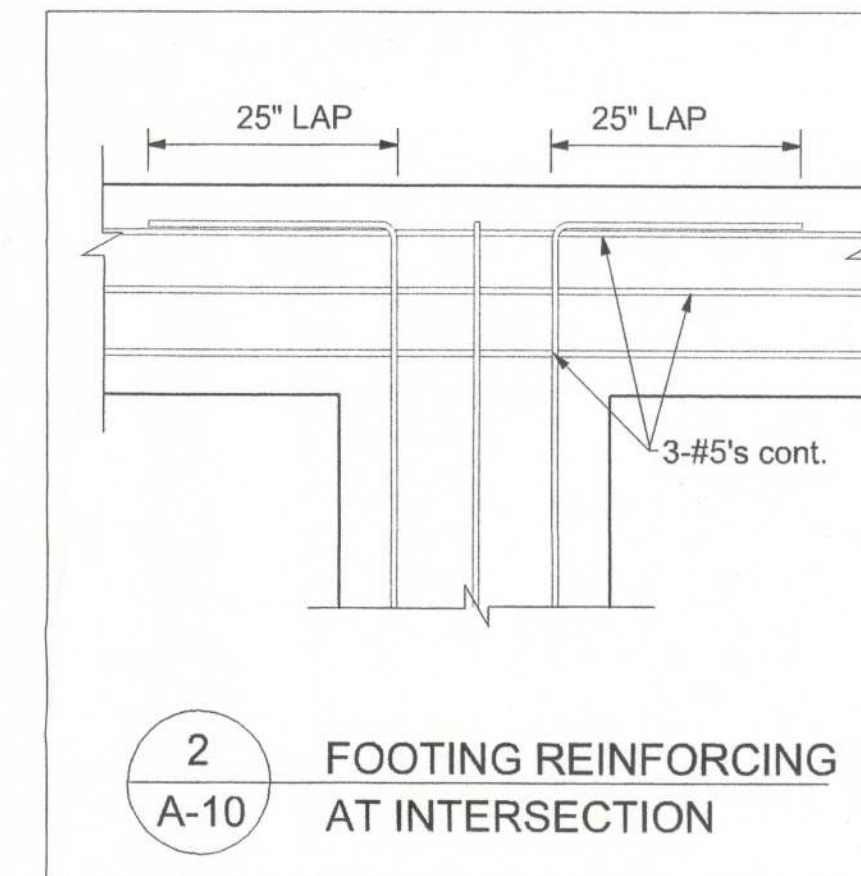


FLOOR JOIST LAYOUT

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



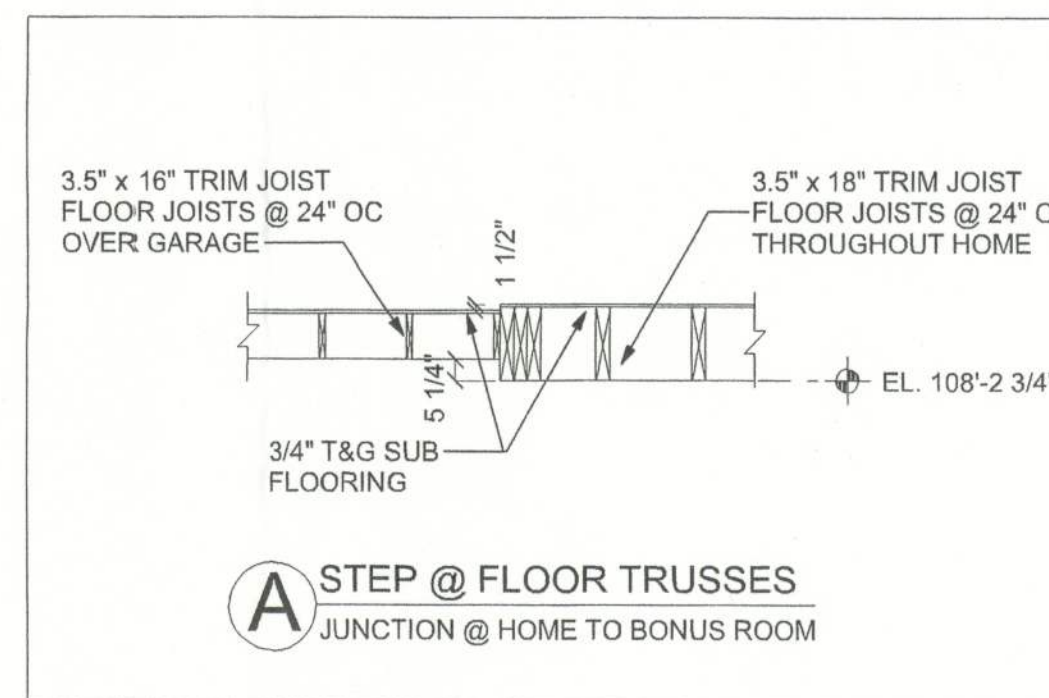
1 FOOTING REINFORCING AT CORNER



2 FOOTING REINFORCING AT INTERSECTION

CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE				
CONNECTOR	1 PLY-TRUSS	2 PLY-TRUSS	EMBEDMENT	UPLIFT PROVIDED
HETA20	10-10d NAILS		5"	1,280 LBS
HETA20		11-16d NAILS	5"	1,890 LBS
	GIRDER TRUSSES		TIE BEAM	
MGT	22-10d NAILS		1-5/8"x10" ANCHOR BOLT	3,965 LBS
LGT2	16-16d SINKER		7- 1/4 x 2 1/4 TITEN	2,150 LBS

NOTE: COMBINE BOTH THE SIMPSON MGT AND LGT2 ON TRUSSES WITH HIGHER UPLIFT

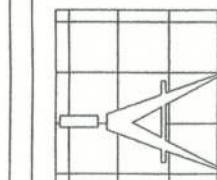


A STEP @ FLOOR TRUSSES JUNCTION @ HOME TO BONUS ROOM

8/18/05

PAUL BROWN RESIDENCE

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209



Freeman
Design Group

DATE
6/21/05

DRAWN BY
J.T.D.

REVISIONS

SHEET
A-10

OF
11

PROJECT NO.

CERTIFICATE OF AUTHORIZATION # 00008701