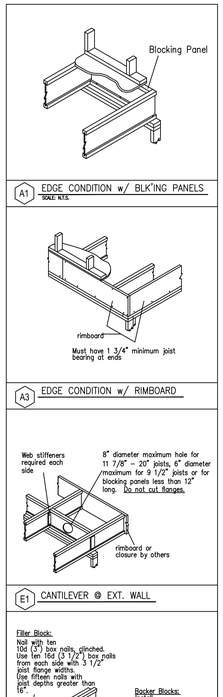
Header Utilization:						
2x4 Wall	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"
Cut from	14'	14'	10'	12'	10'	16'
2x6 Wall	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"
Cut from	14'	14'	10'	12'	10'	16'

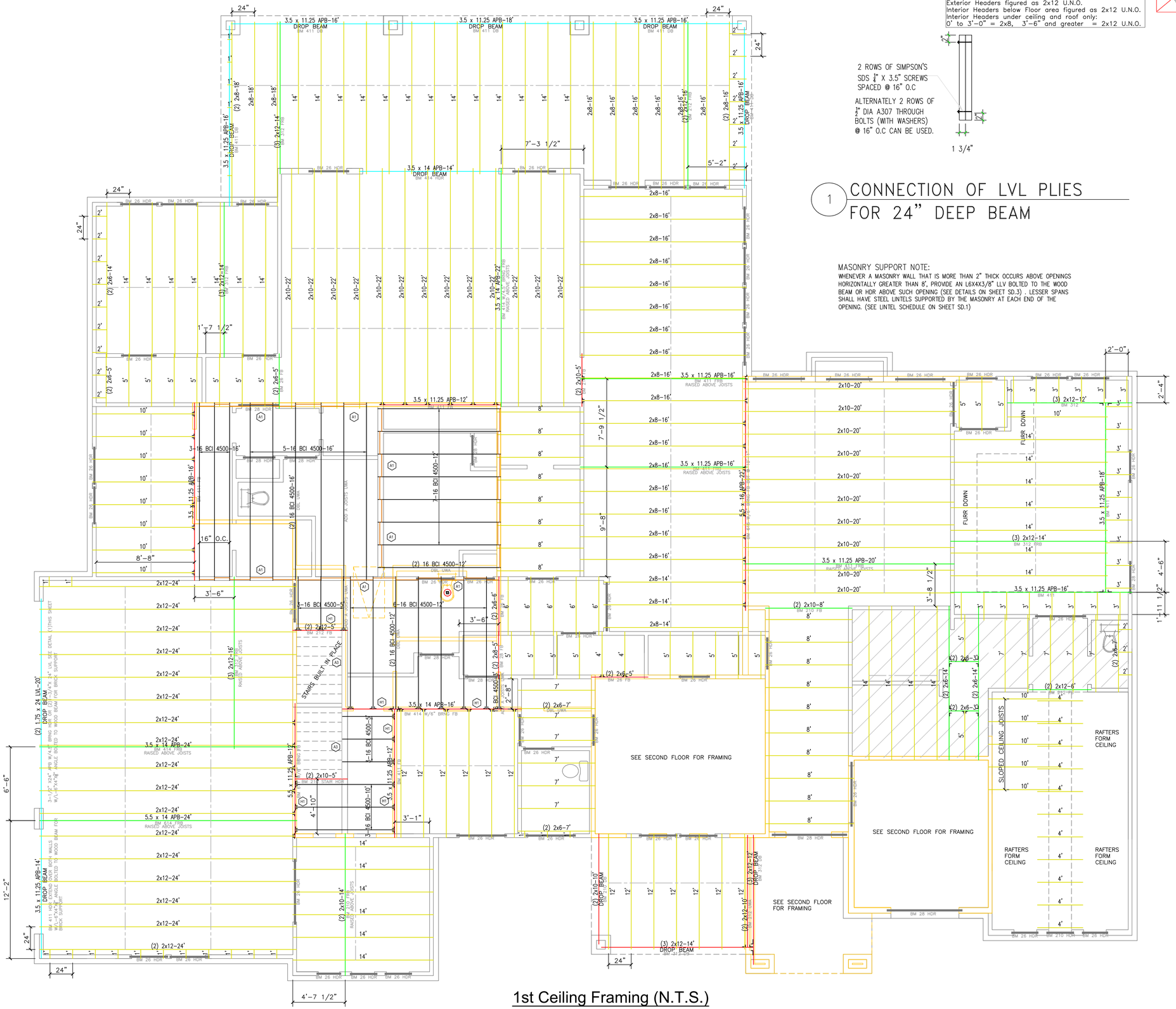
Exterior Headers figured as 2x12 U.N.O.
Interior Headers below Floor area figured as 2x12 U.N.O.
Interior Headers under ceiling and roof only:
0' to 3'-0" = 2x8, 3'-6" and greater = 2x12 U.N.O.

Trophy Estimates Inc.
281-893-3444



1 CONNECTION OF LVL PLIES FOR 24" DEEP BEAM

MASONRY SUPPORT NOTE:
WHENEVER A MASONRY WALL THAT IS MORE THAN 2" THICK OCCURS ABOVE OPENINGS HORIZONTALLY GREATER THAN 8', PROVIDE AN L6X4X3/8" LLV BOLTED TO THE WOOD BEAM OR HDR ABOVE SUCH OPENING (SEE DETAILS ON SHEET SD.3) . LESSER SPANS SHALL HAVE STEEL LINTELS SUPPORTED BY THE MASONRY AT EACH END OF THE OPENING. (SEE LINTEL SCHEDULE ON SHEET SD.1)



1st Ceiling Framing (N.T.S.)

Frame: 1

1st Walls	Description		Qty	Unit
Treated Plate	2 X 4 X 16 #3 SYP Borate Treated		56	Each
Treated Plate	2 X 6 X 16 #3 SYP Borate Treated		12	Each
Sill Sealer	3.5" Sill Sealer (50')		6	Each
Sill Sealer	5.5" Sill Sealer (50')		2	Each
Studs	2 X 8-92 5/8 Stud (8')	Hem-Fir	16	Each
Studs	2 X 4-116 5/8 Stud (10')	Hem-Fir	977	Each
Long Length Studs	2 X 4 X 16' #2 SYP S4S		30	Each
Studs	2 X 6-116 5/8 Stud (10')	Hem-Fir	125	Each
Long Length Studs	2 X 6 X 14' #2 SYP S4S		10	Each
Long Length Studs	2 X 6 X 16' #2 SYP S4S		71	Each
Long Length Studs	2 X 6 X 18' #2 SYP S4S		19	Each
Plate, Pony Walls, Bra-	2 X 4 RL ≥ 12'-16' #3 SPF		7550	LFT
Plate	2 X 6 RL ≥ 12'-16' #2 SYP S4S		790	LFT
Headers	2 X 6 X 10' #2 SYP S4S		27	Each
Headers	2 X 6 X 12' #2 SYP S4S		6	Each
Headers	2 X 6 X 14' #2 SYP S4S		5	Each
Headers	2 X 6 X 16' #2 SYP S4S		1	Each
Headers	2 X 8 X 10' #2 SYP S4S		5	Each
Headers	2 X 8 X 14' #2 SYP S4S		7	Each
Headers	2 X 10 X 12' #2 SYP S4S		1	Each
Headers	2 X 12 X 14' #2 SYP S4S		1	Each
Header Filler	4 X 8 X 7/16" OSB		7	Each
Engineered Header	1.75 x 24 LVL	2	20'-0"	Each
Engineered Header	3.5 x 11.25 APB	1	14'-0"	Each
Engineered Header	3.5 x 11.25 APB	4	16'-0"	Each
Engineered Header	3.5 x 11.25 APB	1	18'-0"	Each
Engineered Header	3.5 x 14 APB	1	14'-0"	Each

1st to 2nd Floor Stairs	Description	Qty	Unit
Stair Runners	2 X 12 X 10' #2 SYP S4S	6	Each
Stair Runners	2 X 12 X 12' #2 SYP S4S	6	Each
Stair Risers	2 X 6 X 8' #2 SYP S4S	9	Each
Stair Treads	2 X 12 X 8' #2 SYP S4S	9	Each

2nd Floor Joists	Description	Qty	Unit
Floor Joist/ Beams / R	2 X 12 X 10' #2 SYP S4S	3	Each
Floor Joist/ Beams / R	2 X 12 X 12' #2 SYP S4S	3	Each
Floor Joist/ Beams / R	2 X 12 X 14' #2 SYP S4S	3	Each
Blocking	16 BCI 4500	34	2'-0"
Floor Joist	16 BCI 4500	2	8'-0"
Floor Joist	16 BCI 4500	1	8'-0"
Floor Joist	16 BCI 4500	6	9'-0"
Floor Joist	16 BCI 4500	3	10'-0"
Floor Joist	16 BCI 4500	17	12'-0"
Floor Joist	16 BCI 4500	10	16'-0"
Engineered Beams	3.5 x 11.25 APB	2	12'-0"
Engineered Beams	3.5 x 11.25 APB	1	16'-0"
Engineered Beams	3.5 x 14 APB	1	16'-0"
Engineered Beams	5.5 x 11.25 APB	1	12'-0"
Engineered Beams	5.5 x 16 APB	1	22'-0"
Rim Board	1-1/8 x 16" x 12' BCI Rimboard		2	Each
Metal Connector	Simpson Coil Strap CS16 (150')		1	Each
Metal Connector	(1) 2x12 Joist Hanger LUS210		12	Each
Metal Connector	(1) 2x6 Joist Hanger LUS26		31	Each
Metal Connector	(2) 2x12 HU210-2		2	Each
Metal Connector	(2) 2x6 Joist Hanger HU26-2		4	Each
Metal Connector	(3) 2x12 Joist Hanger HU210-3		1	Each
Metal Connector	16" BCI 4500 IUS1.88/16		19	Each
Metal Connector	16" Dbl. BCI 4500 MIU3.56/16		1	Each
Metal Connector	3.5 x 11.25 HGUS410		3	Each

1st Ceiling	9 2 SYP 24" O.C.	Description	Qty	Unit
Ceiling Joists		2 X 6 X 8' #2 SYP S4S	21	Each
Ceiling Joists		2 X 6 X 10' #2 SYP S4S	28	Each
Ceiling Joists		2 X 6 X 12' #2 SYP S4S	31	Each
Ceiling Joists		2 X 6 X 14' #2 SYP S4S	52	Each
Ceiling Joists/Strongbc		2 X 6 X 16' #2 SYP S4S	20	Each
Ceiling Joists		2 X 8 X 10' #2 SYP S4S	1	Each
Ceiling Joists		2 X 8 X 14' #2 SYP S4S	3	Each
Ceiling Joists		2 X 8 X 16' #2 SYP S4S	25	Each
Ceiling Joists		2 X 8 X 18' #2 SYP S4S	4	Each
Ceiling Joists		2 X 10 X 8' #2 SYP S4S	2	Each
Ceiling Joists		2 X 10 X 10' #2 SYP S4S	1	Each
Ceiling Joists		2 X 10 X 14' #2 SYP S4S	2	Each
Ceiling Joists		2 X 10 X 20' #2 SYP S4S	10	Each
Ceiling Joists		2 X 10 X 22' #2 SYP S4S	13	Each
Ceiling Joists		2 X 12 X 24' #2 SYP S4S	18	Each
Furring / Gables		2 X 4 RL ≥ 12'-16' #3 SPF	690	LFT
Ceiling Beams		2 X 12 X 10' #2 SYP S4S	4	Each
Ceiling Beams		2 X 12 X 14' #2 SYP S4S	9	Each
Ceiling Beams		2 X 12 X 16' #2 SYP S4S	5	Each
Engineered Beams		3.5 x 11.25 APB	3	16'-0"
Engineered Beams		3.5 x 11.25 APB	1	18'-0"
Engineered Beams		3.5 x 11.25 APB	1	20'-0"
Engineered Beams		3.5 x 14 APB	1	22'-0"
Engineered Beams		3.5 x 14 APB	1	24'-0"
Engineered Beams		5.5 x 14 APB	1	24'-0"

Display Theme
Engineered Header
Rafter
Beam
Floor Joist
Roof Bracing Beam
Ceiling Joist

Rafters: 2x6 #2 SYP 24" O.C. UNO
Ceiling Joists: 2x6 #2 SYP 24" O.C. UNO
Floor Joists: 16" BCI 4500 24" O.C. UNO

Builder: CUSTOM HOME BUILDER
Address: 1234 TIGER DRIVE
City: HOUSTON, TX

Please take note of the fact that this drawing is an opinion of the estimator. Before preceding with construction all items should always be confirmed by the builder.