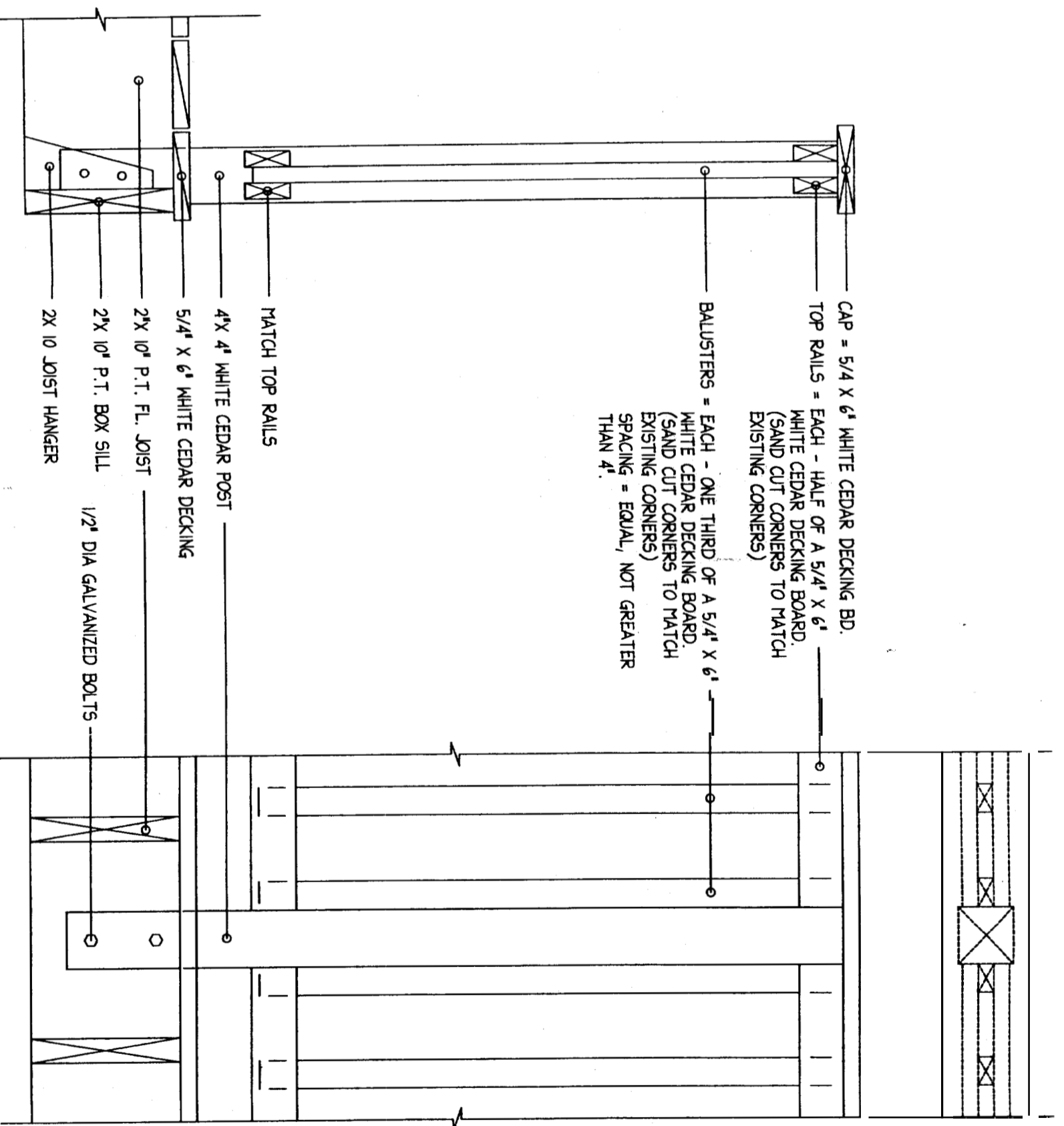


2nd Floor



CAP = 5/4 X 6" WHITE CEDAR DECKING BD.

TOP RAILS = EACH - HALF OF A 5/4" X 6" WHITE CEDAR DECKING BOARD. (SAND CUT CORNERS TO MATCH EXISTING CORNERS)

BALUSTERS = EACH - ONE THIRD OF A 5/4" X 6" WHITE CEDAR DECKING BOARD. (SAND CUT CORNERS TO MATCH EXISTING CORNERS) SPACING = EQUAL, NOT GREATER THAN 4"

MATCH TOP RAILS

4" X 4" WHITE CEDAR POST

5/4" X 6" WHITE CEDAR DECKING

2" X 10" P.T. FL. JOIST

2" X 10" P.T. BOX SILL

2X 10 JOIST HANGER

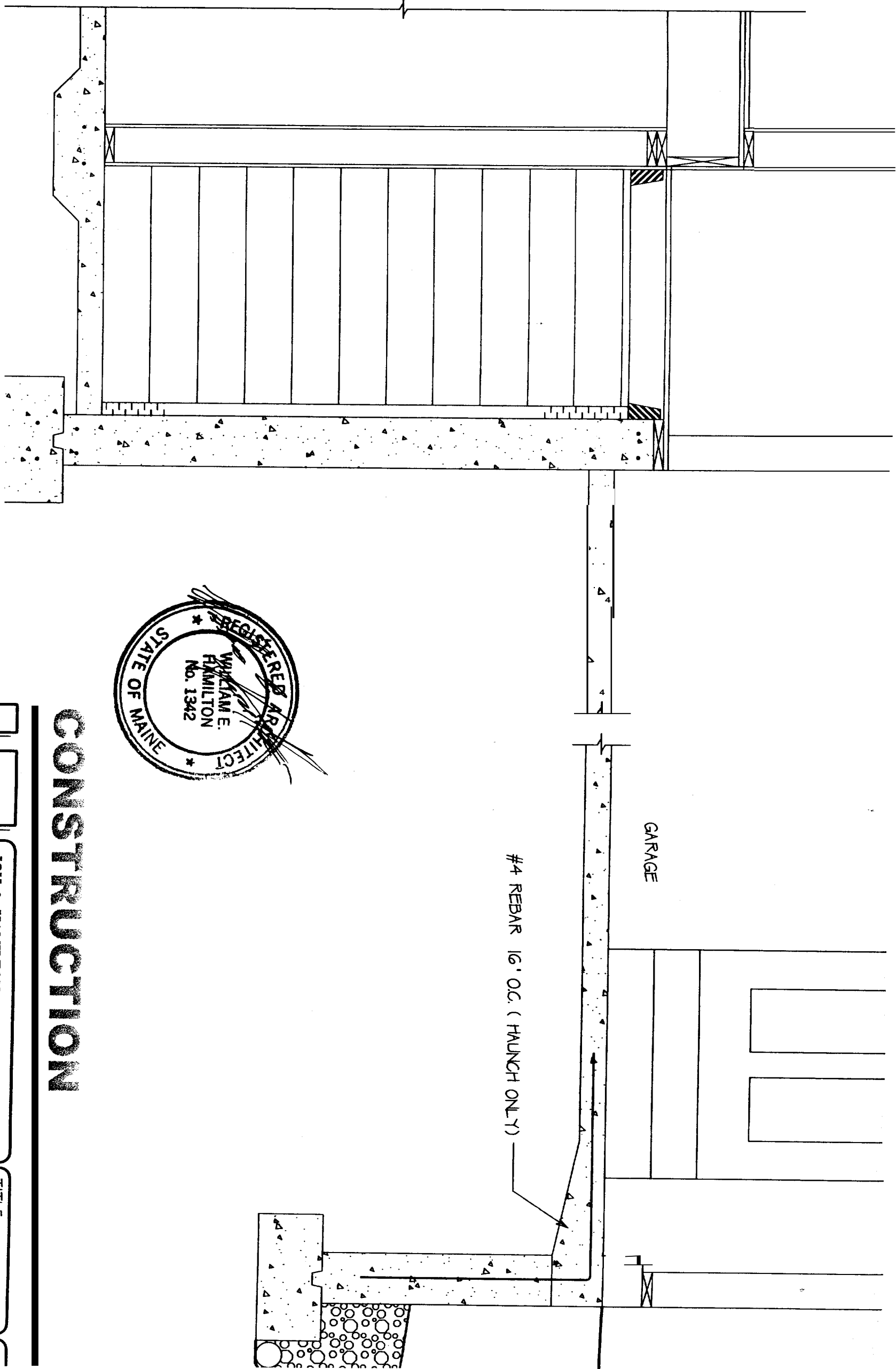
1/2" DIA GALVANIZED BOLTS

3  
A4

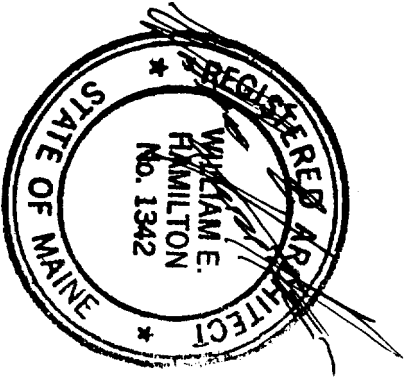
BACK DECK RAILING

SCALE 1-1/2"

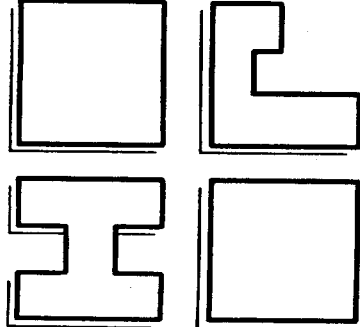
1st Floor



SECTION THROUGH GARAGE & BASEMENT STAIR  
SCALE 3/4"=1'



# CONSTRUCTION

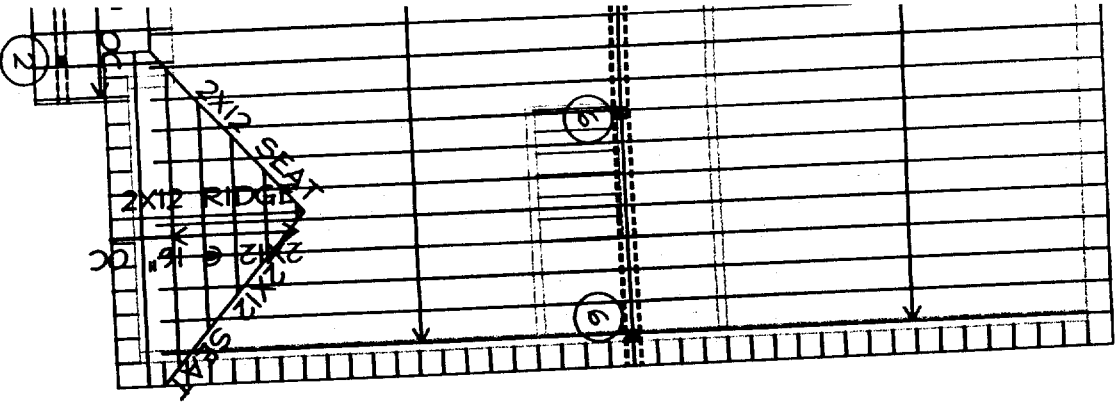


JOY & HAMILTON ARCHITECTS, INC.  
 820 MAIN STREET  
 SANFORD, ME 04073  
 (207) 324-8987

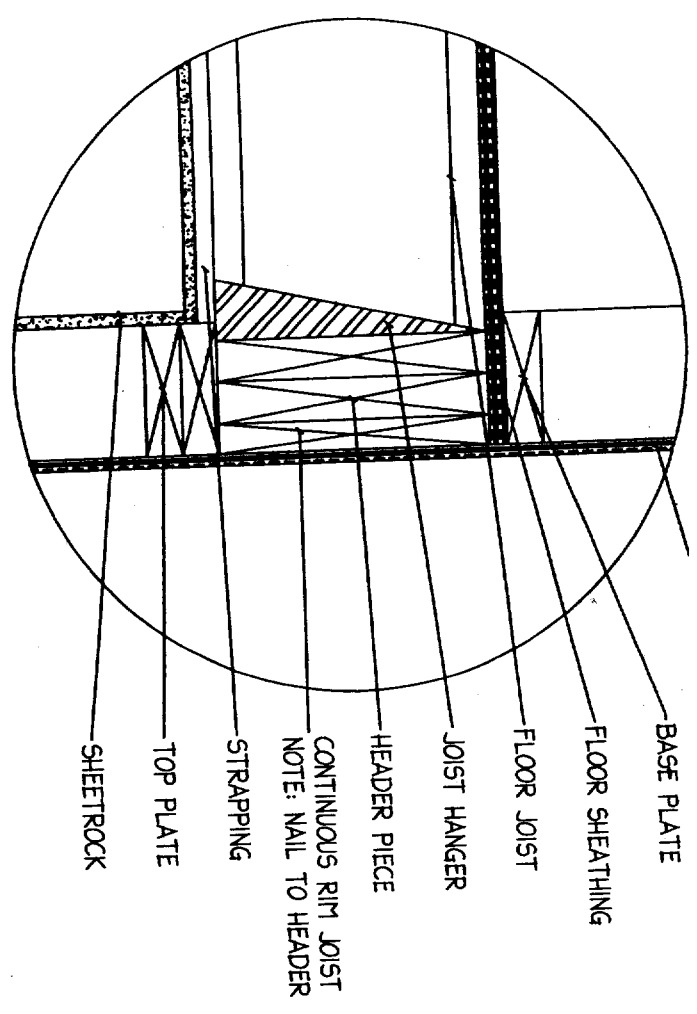
323 COURT STREET  
 AUBURN, ME 042  
 (207) 782-1212

DIPHIPO RESIDENCE  
 TIDE MILL ROAD  
 PORTLAND MAINE

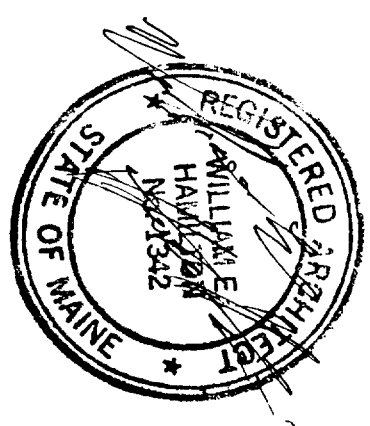
TITLE	DETAIL SECTION
Date	4/18/06
Scale	AS NOTED
Drawn	GLR
Checked	MEH
Revisions	
revision2	
revision3	



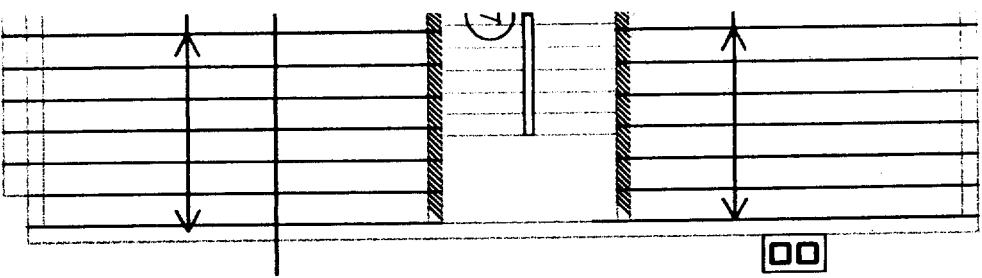
- (A) DOUBLE 1-3/4" X 11-7/8" LVL
- (B) TRIPLE 2X10 PT
- (C) DOUBLE 2X12 #2SPFS
- (D) DOUBLE 1-3/4" X 11-1/4" LVL
- (E) DOUBLE 3-1/2" X 18" LVL
- (F) TRIPLE 1-3/4" X 11-1/4" LVL
- (G) SINGLE 5-1/2"X18"
- (H) W10X26 36ksi STEEL BEAM
- (J) DOUBLE 2X8 0T
- (K) 3-1/2" X 14" LVL
- (L) TRIPLE 2X12 PT
- (1) DOUBLE STUD COLUMN
- (2) 4X4 PT COLUMN
- (3) TRIPLE STUD COLUMN
- (4) 3-1/2" X 3-1/2" PARALLAM COLUMN
- (5) 3-1/2" X 5-1/2" PARALLAM COLUMN
- (6) 5-1/2" X 5-1/2" PARALLAM COLUMN
- (7) 3-1/2" CONCRETE FILLED LALLY COLUMN



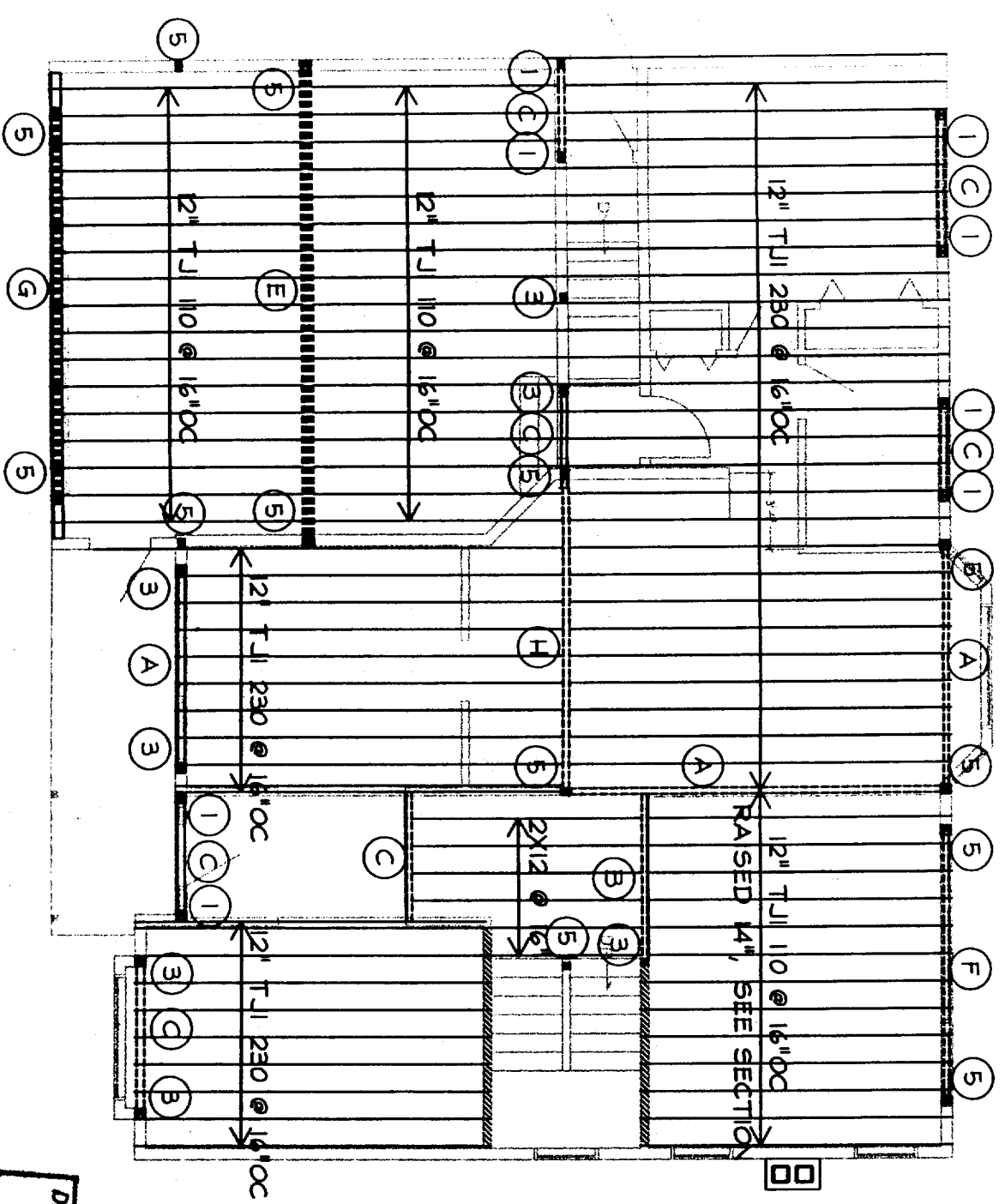
TYPICAL EXTERIOR WALL HEADER



	<b>JOY &amp; HAMILTON ARCHITECTS, INC.</b> 820 MAIN STREET SANFORD, ME. 04073 (207) 324-8987	323 COURT STREET AUBURN, ME 04210 (207) 782-1212	<b>TITLE</b> <b>STRUCTURAL</b>	<b>SHEET</b> 
	<b>DIPHILOPO RESIDENCE</b> TIDE MILL ROAD PORTLAND MAINE	Date 03/16/06	Scale 1/8" = 1'-0"	Drawn JMP
	Revisions			815

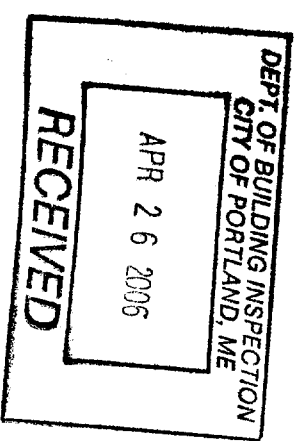


THESE TWO JOISTS SHALL BE 12" TJI 230



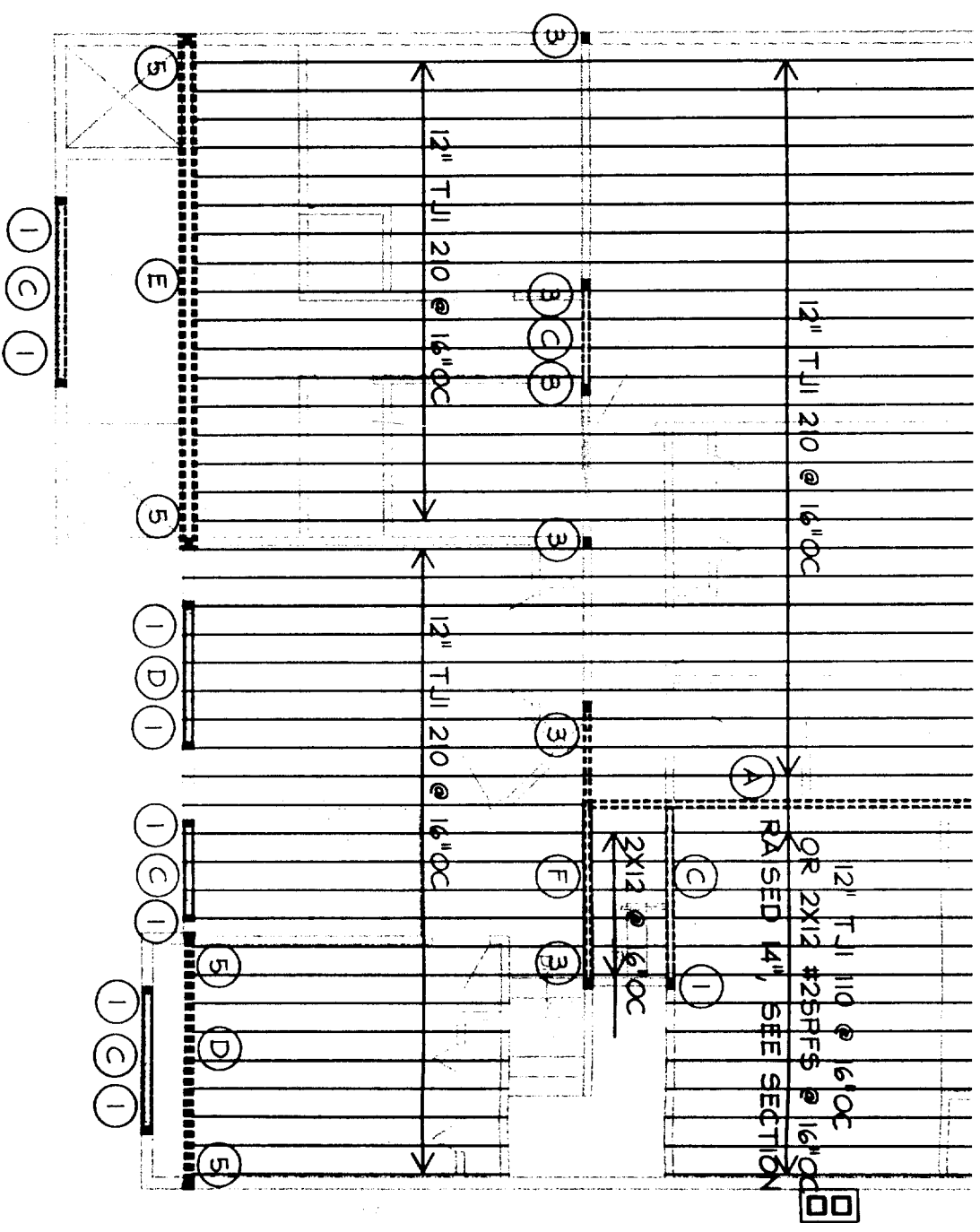
SECOND FLOOR NOTES:

- 1) SECOND FLOOR LIVE LOAD: 40psf
- 2) SECOND FLOOR DEAD LOAD: 10psf
- 3) MINIMUM FLOOR SHEATHING: 5/8" T&G APA 40/20 STRUCTURAL RATED
- 4) NAIL FLOOR SHEATHING WITH #10 @ 8" OC EDGES AND 12" FIELD
- 5) EXTERIOR WALLS SHALL BE 2X6 @ 16" ON CENTER
- 6) BEARING WALLS (LOCATED BELOW, SHOWN SHADED) SHALL BE 2X6 @ 16" OC
- 7) MINIMUM EXTERIOR & BEARING WALL SHEATHING SHALL BE 1/2" CDX APA 24/16 RATED
- 8) NAIL WALL SHEATHING WITH #8 @ 6" OC EDGES AND 10" OC FIELD
- 9) DOUBLE JOIST AT OPENING (FOYER)
- 10) SINGLE SPAN MAY BE REPLACED BY TWO SPANS OF DOUBLE 1-3/4"x11" - 152
- 11) USE USP# THF712 JOIST HANGERS AT ALL TJI10/BEAM CONNECTIONS
- 12) USE USP# THF2318 JOIST HANGERS AT ALL TJI230/BEAM CONNECTIONS
- 13) USE APPROPRIATE USP# EPC1 OR PCM COLUMN CAP AT ALL BEAMS 6' OR LONGER
- 14) USE APPROPRIATE USP# D BASE AT ALL COLUMNS WHICH SUPPORT A BEAM 6' OR LONGER



SECOND FLOOR FRAMING PLAN

AN



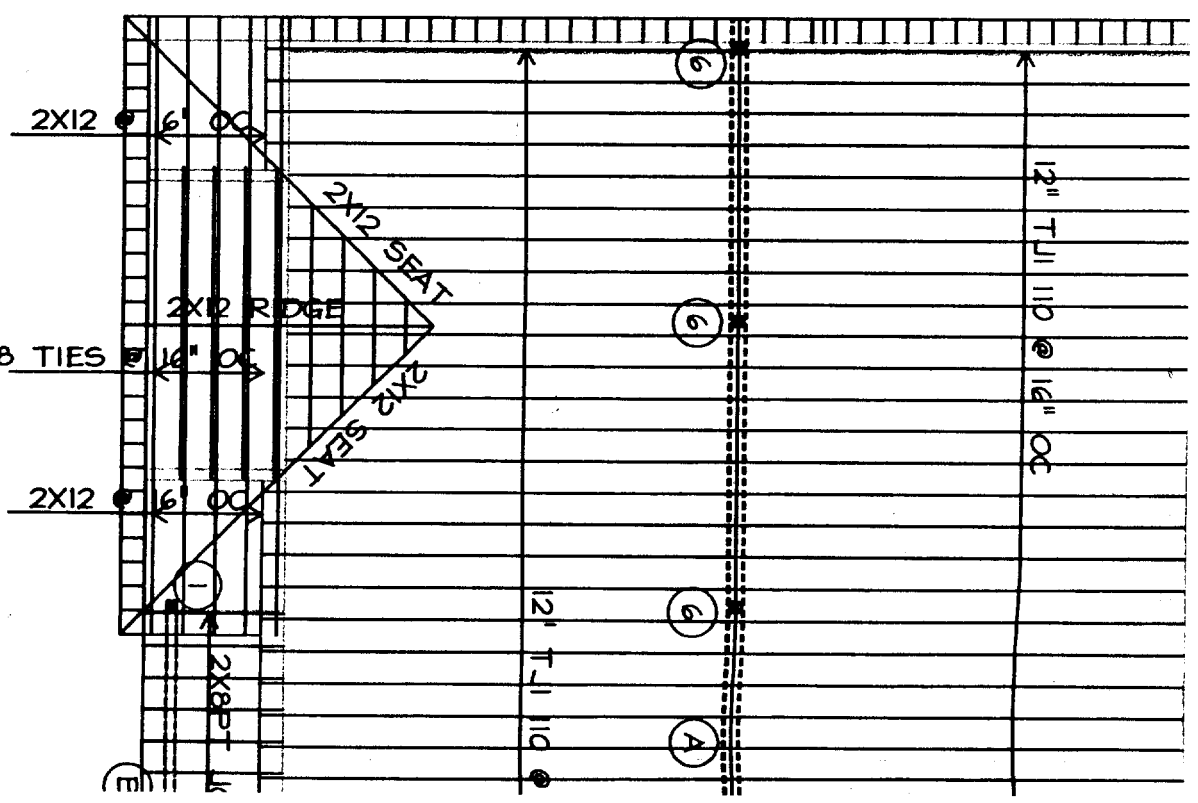
**ATTIC FLOOR NOTES:**

- 1) ATTIC FLOOR LIVE LOAD: 30psf
- 2) ATTIC FLOOR DEAD LOAD: 10psf
- 3) MINIMUM FLOOR SHEATHING: 5/8" T&G APA 40/20 STRUCTURAL RATED
- 4) NAIL FLOOR SHEATHING WITH #10 @ 8" OC EDGES AND 12" FIELD
- 5) EXTERIOR WALLS SHALL BE 2X6 @ 16" ON CENTER
- 6) TYP. COLUMN IS DOUBLE STUD UNLESS NOTED OTHERWISE (ALL FLOORS)
- 7) MINIMUM EXTERIOR WALL SHEATHING SHALL BE 1/2" CDX APA 24/16 RATED
- 8) NAIL WALL SHEATHING WITH #8 @ 6" OC EDGES AND 10" OC FIELD
- 9) USE USP# THF7112 JOIST HANGER AT ALL TJI110/BEAM CONNECTION
- 10) USE USP# THF2318 JOIST HANGER AT ALL TJI230/BEAM CONNECTION
- 11) USE APPROPRIATE USP# EPCM OR PCM COLUMN CAP AT ALL BEAMS 6' OR LONGER
- 12) USE APPROPRIATE USP# D BASE AT ALL COLUMNS WHICH SUPPORT A BEAM 6' OR LONGER

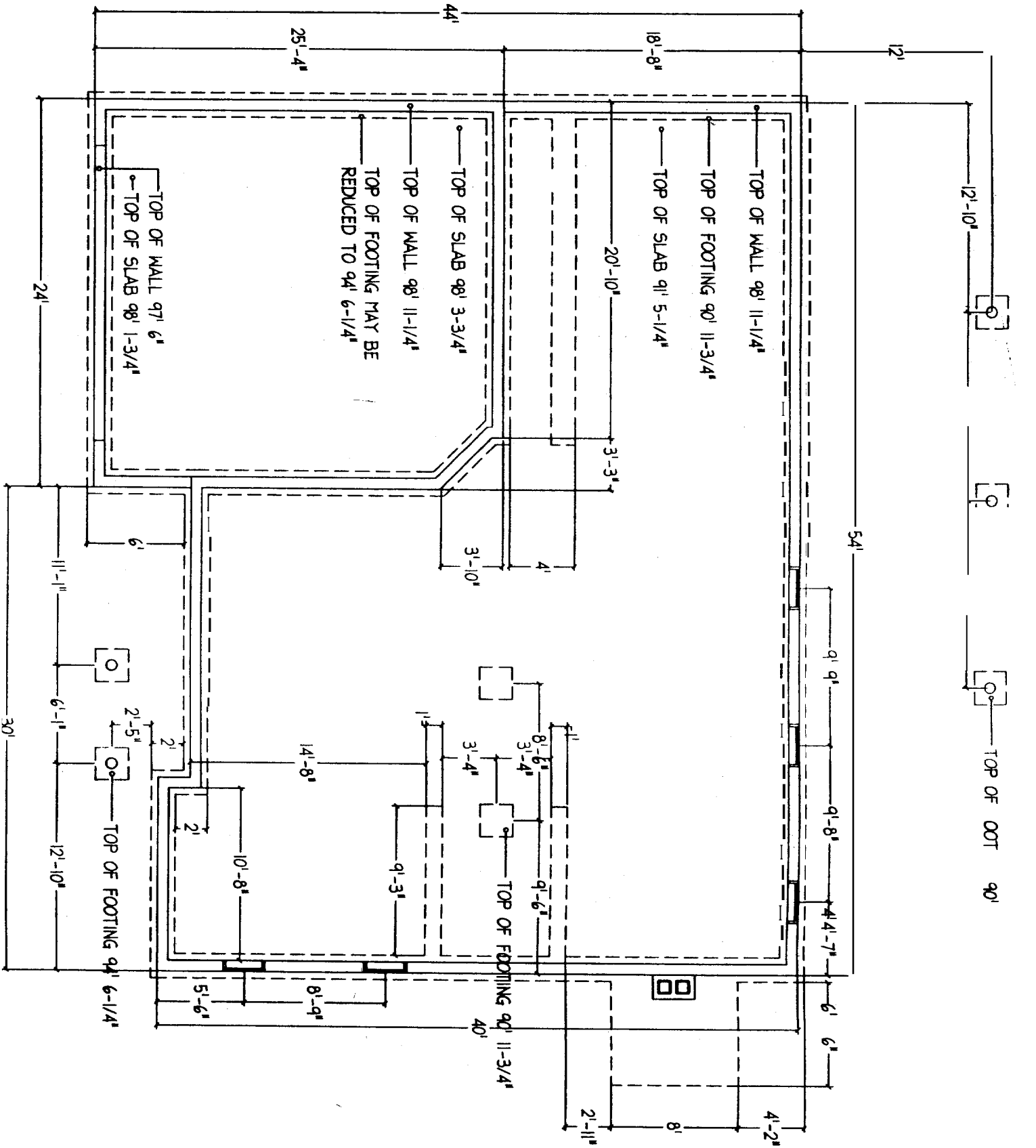
**ATTIC FLOOR FRAMING PLAN**

**ROOF FRAMING NOTES:**

- 1) ROOF SNOW LOAD: 4PPSF
- 2) ROOF DEAD LOAD: 10psf
- 3) WIND LOAD BASED UPON 90mph EXPOSURE 'B'
- 4) MINIMUM ROOF SHEATHING: 5/8" T&G APA 40/20 STRUCTURAL RATE
- 5) NAIL SHEATHING WITH #8 @ 6" OC EDGES AND 8" FIELD
- 6) ALL DIMENSION LUMBER SHALL BE #2 SPFS
- 7) USE USP# TRP175 CONNECTOR @ THE BASE OF EACH ROOF RAFTER
- 8) USE USP# LSH179 HANGER @ THE TOP OF EACH ROOF RAFTER
- 9) USE APPROPRIATE USP# PCM OR EPCM COLUMN CAP AT EACH COL
- 10) USE APPROPRIATE USP# D COLUMN BASE AT THE BASE OF EACH
- 11) USE USP TRIPLE ZINC COATING ON ALL EXTERIOR HARDWARE



**ROOF FRAMING**

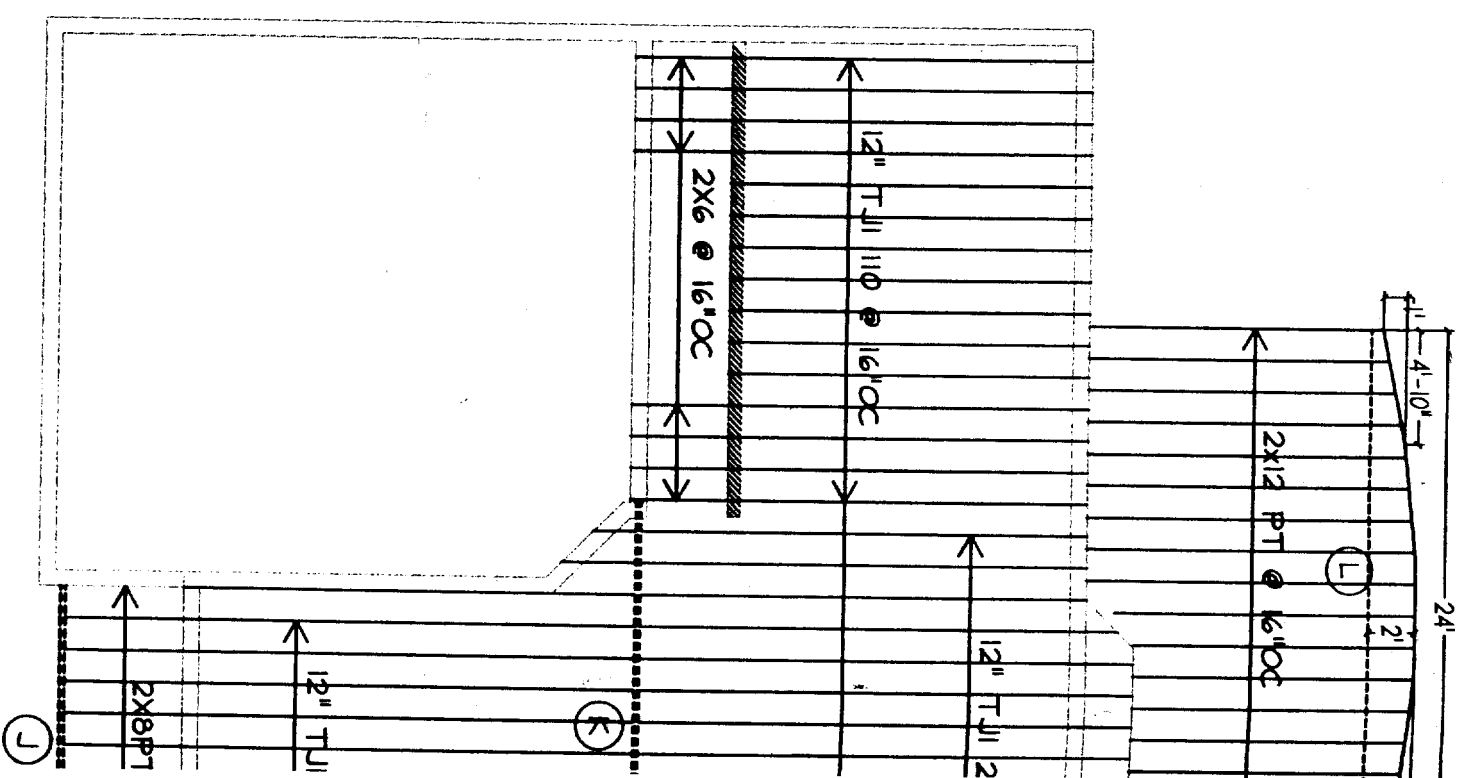


**BASEMENT NOTES:**

- 1) ALL STRIP FOOTINGS SHALL BE 2500psi, 20"x10", WITH TWO #4 REBAR, UNLESS NOTED OTHERWISE
- 2) ALL SPREAD FOOTINGS SHALL BE 2500psi, 24"x24"x10" WITH TWO #4 REBAR EACH WAY
- 3) CHIMNEY FOOTING SHALL HAVE #4 REBAR AT 12" OC EACH WAY, 2' FROM BOTTOM
- 4) ALL FOOTINGS SHALL BE MINIMUM 4'-6" BELOW FINISH GRADE
- 5) EXTERIOR PIERS SHALL BE 3000psi, 8" ROUND WITH TWO #4 REBAR EXTENDING 6" INTO FOOTING WITH 12" ELL
- 6) ALL WALLS SHALL BE 3000psi, 8" WIDE, WITH TWO #4 REBAR T#B
- 7) ALL SLABS SHALL BE 3000psi, 4" THICK, WITH 6x6, 10x10 W/M
- 8) ANCHOR BOLTS SHALL BE 1/2" PLACED 6" ON CENTER FOR ALL EXTERIOR AND INTERIOR BEARING WALLS
- 9) ALL WOOD IN CONTACT WITH CONCRETE SHALL BE ROT RESISTANT AT LEAST 6" ABOVE GARAGE SLAB

**FIRST FLOOR NOTES:**

- 1) FIRST FLOOR LIVE LOAD: 40psf
- 2) FIRST FLOOR DEAD LOAD: 10psf
- 3) MINIMUM FLOOR SHEATHING: 5/8" T&G APA 40/20 STRUCTURAL R
- 4) NAIL FLOOR SHEATHING WITH #10 @ 8" OC EDGES AND 12" FIELD
- 5) EXTERIOR WALLS SHALL BE 2X6 @ 16" ON CENTER
- 6) BEARING WALLS (LOCATED BELOW, SHOWN SHADED) SHALL BE 2
- 7) MINIMUM EXTERIOR & BEARING WALL SHEATHING SHALL BE 1/2" C
- 8) NAIL WALL SHEATHING WITH #8 @ 6" OC EDGES AND 10" OC FIELD
- 9) USE APPROPRIATE USP# KLCC COLUMN CAP AT LALLY COLUMNS
- 10) USE APPROPRIATE USP# PAU COLUMN BASE FOR PORCH BEAM/P
- 11) USE TWO USP# PBC66TZ AT EACH PORCH BEAM/RIM CONNECTION
- 12) USE USP# THF1712 JOIST HANGER AT ALL TJ110/BEAM CONNECTI
- 13) USE USP# THF2318 JOIST HANGER AT ALL TJ230/BEAM CONNECTI
- 14) USE USP# H126 HANGERS AT BASEMENT STAIR FRAMING



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P I D C T E I N D E D