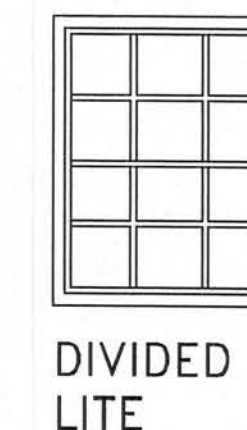


## WINDOWS

### WOOD WINDOW CHART

| SIZE | NUMBER | SINGLE    |
|------|--------|-----------|
| 1750 |        | 19" x 60" |
| 1760 |        | 19" x 72" |
| 2024 |        | 24" x 28" |
| 2030 |        | 24" x 36" |
| 2038 |        | 24" x 44" |
| 2050 |        | 24" x 60" |
| 2060 |        | 24" x 72" |
| 2070 |        | 24" x 84" |
| 2830 |        | 32" x 44" |
| 2840 |        | 32" x 48" |
| 2844 |        | 32" x 52" |
| 2850 |        | 32" x 60" |
| 2860 |        | 32" x 72" |
| 2870 |        | 32" x 84" |
| 3024 |        | 36" x 28" |
| 3030 |        | 36" x 36" |
| 3038 |        | 36" x 44" |
| 3040 |        | 36" x 48" |
| 3050 | 2      | 36" x 60" |
| 3060 |        | 36" x 72" |
| 3070 |        | 36" x 84" |
| 3830 |        | 44" x 36" |
| 3840 |        | 44" x 48" |
| 3844 |        | 44" x 52" |
| 3850 |        | 44" x 60" |
| 3860 |        | 44" x 72" |
| 3870 |        | 44" x 84" |
| 4030 |        | 48" x 36" |
| 4040 |        | 48" x 48" |
| 4044 |        | 48" x 52" |
| 4050 |        | 48" x 60" |
| 4060 |        | 48" x 60" |
| 4070 |        | 48" x 84" |

NOTE: SIZES SHOWN ARE 3/4" LARGER THAN ACTUAL WINDOW



## CODES & DESIGN LOADS

FLORIDA F.B.C. 2004

JURISDICTION: Ocala, FL, Columbia County FL  
PROJECT NAME: CARTERS GARAGE/DWG 908 SW BLUFF DRIVE  
PROJECT ADDRESS: HIGH SPRINGS, FL FT WHITE, FL  
ARCHITECT/ENGINEER:  
TYPE OF CONSTRUCTION: WOOD  
BUILDING DESIGN: CLOSED  
BUILDING CODE: FLORIDA BUILDING CODE - 2004 RESIDENTIAL  
PLUMBING CODE: FLORIDA PLUMBING CODE - 2004 RESIDENTIAL  
MECHANICAL CODE: FLORIDA MECH. & GAS CODE - 2004 RESIDENTIAL  
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - 2002  
SSFD CODE: 10-99  
ASCE CODE: N/A  
CONSTRUCTION TYPE: VB  
ALLOWABLE NO. OF FLOORS: TWO (2)  
WIND VELOCITY: 110 (M.P.H.) (3 SECOND GUST)  
FLOOR L.L.: 40 (P.S.F.) FLOOR D.L.: 10 (P.S.F.)  
ROOF L.L.: 20 (P.S.F.) ROOF D.L.: 6+4 B.C. + T.C. (P.S.F.)  
OCCUPANCY TYPE: R-3 IMPORTANCE FACTOR 1.0  
EXPOSURE: B  
INTERNAL PRESSURE COEFFICIENT +/- 0.18  
MEAN BUILDING HEIGHT 15 FT.  
OVERHANG 1' 11-6"  
IMPACT RESISTANT ASSEMBLY NO  
SHUTTERS NO

These plans were designed using standard construction practices in Ocala, FL (Marion County). They conform to the 2004 Florida Building Code Residential and the 2002 National Electric Code and the 2004 life safety code (NFPA). Due to variations in local codes and geological conditions, revisions may be required to these plans. It is the builders responsibility to make the necessary revisions to ensure code compliance and structural integrity. Southern Graphics & Design, Inc. assumes no liability for any changes made to these plans.

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Southern Graphics & Design Building Designer:

RICH DOWNS

DESIGN WIND LOADS FOR WINDOWS AND DOORS (PSF)

| MEAN ROOF HEIGHT (H <sub>0</sub> ) | 30 FEET               |
|------------------------------------|-----------------------|
| BASIC WIND SPEED                   | 10 MPH                |
| SIZE OF WINDOW OR DOOR (SQ FT)     | POS. NEG. POS. NEG.   |
| 10                                 | 21.8 -23.6 21.3 -29.1 |
| 20                                 | 20.8 -22.6 20.8 -27.2 |
| 50                                 | 19.5 -21.3 19.5 -24.6 |
| 100                                | 18.5 -20.4 18.5 -22.6 |

DESIGN WIND LOADS FOR GARAGE DOORS ARE FOR 10 MPH WIND SPEED AND CONFORM TO THE 2004 FLORIDA BUILDING CODE RES. TABLE R501.2(2), PAGE 5.4

### BUILDING TOTAL SQUARE FEET

GARAGE: 720

STORAGE (2nd FLOOR) 265

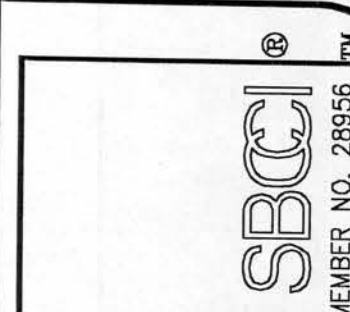
TOTAL: 985

## BUILDERS NOTES:

- \* 9'-0" FRAME PLATE HEIGHT UNLESS NOTED
- \* 2"x4" INTERIOR WOOD CONSTRUCTION UNLESS NOTED.
- \* ALL ANGLED WALLS ARE SET AT 45 DEGREES UNLESS NOTED
- \* OWNER/BUILDER RESERVES THE RIGHT TO ALTER NON-BEARING INTERIOR WALLS DURING CONSTRUCTION.
- \* VERIFY ALL ROUGH OPENINGS WITH DOOR AND WINDOW MANUFACTURER
- \* ASSUMED SOIL BEARING CAPACITY 2 KSF.
- \* CONCRETE TO BE 2500 MIN. PSI. @ 28 DAYS
- \* REINFORCING STEEL TO BE GRADE 40 OR BETTER
- \* CONTRACTOR/OWNER TO REVIEW FLOOR PLANS AND CHECK DIMENSIONS PRIOR TO CONSTRUCTION. SOUTHERN GRAPHICS & DESIGN ASSUMES NO RESPONSIBILITY FOR DESIGN, STRUCTURAL, OF ENGINEERING DEFECTS. CONTRACTOR ASSUMES ALL LIABILITIES

## SYMBOL LEGEND

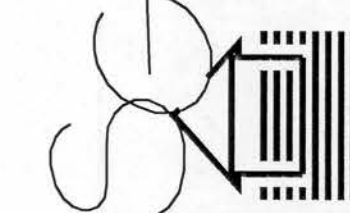
- ELECTRICAL/HVAC
- EXTERIOR ELECTRICAL PETER
  - ELECTRICAL PANEL BOX (POWER SUPPLY)
  - H.V.A.C. AIR HANDLER
- APPLIANCES
- RANGE W/ MICROWAVE
  - REFRIGERATOR
  - HASHER
  - DRYER
- WINDOWS
- EXTERIOR WOOD WINDOW
  - EXTERIOR MASONRY WINDOW
  - MEDICINE CABINET 8' 48" AFF
- DOORS
- INTERIOR LOUVERED 8'-TOLD DOOR
  - INTERIOR OR EXTERIOR HINGE TYPE DOOR
- PLUMBING
- W.H. WATER HEATER
  - STD. TOILET
  - DBL. KIT. SINK
  - BATH ROOM VANITY/SINK
  - 60" TUB W/ SHOWER
  - EXTERIOR ROSE BEEB 8' 16" AFF
  - HASHER BOX 8' 36" AFF



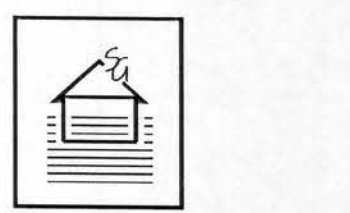
## REVISIONS

THE CARTER GARAGE

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FAX (352)624-3843



FILE NAME: CARTER.DWG  
SCALE: 1/4" = 1'-0"  
DATE: 2/3/06



## SHEET INDEX

1. FLOOR PLAN
2. FOUNDATION
3. ELECTRICAL
4. ROOF PLAN
5. ELEVATIONS
6. HVAC
7. DETAILS

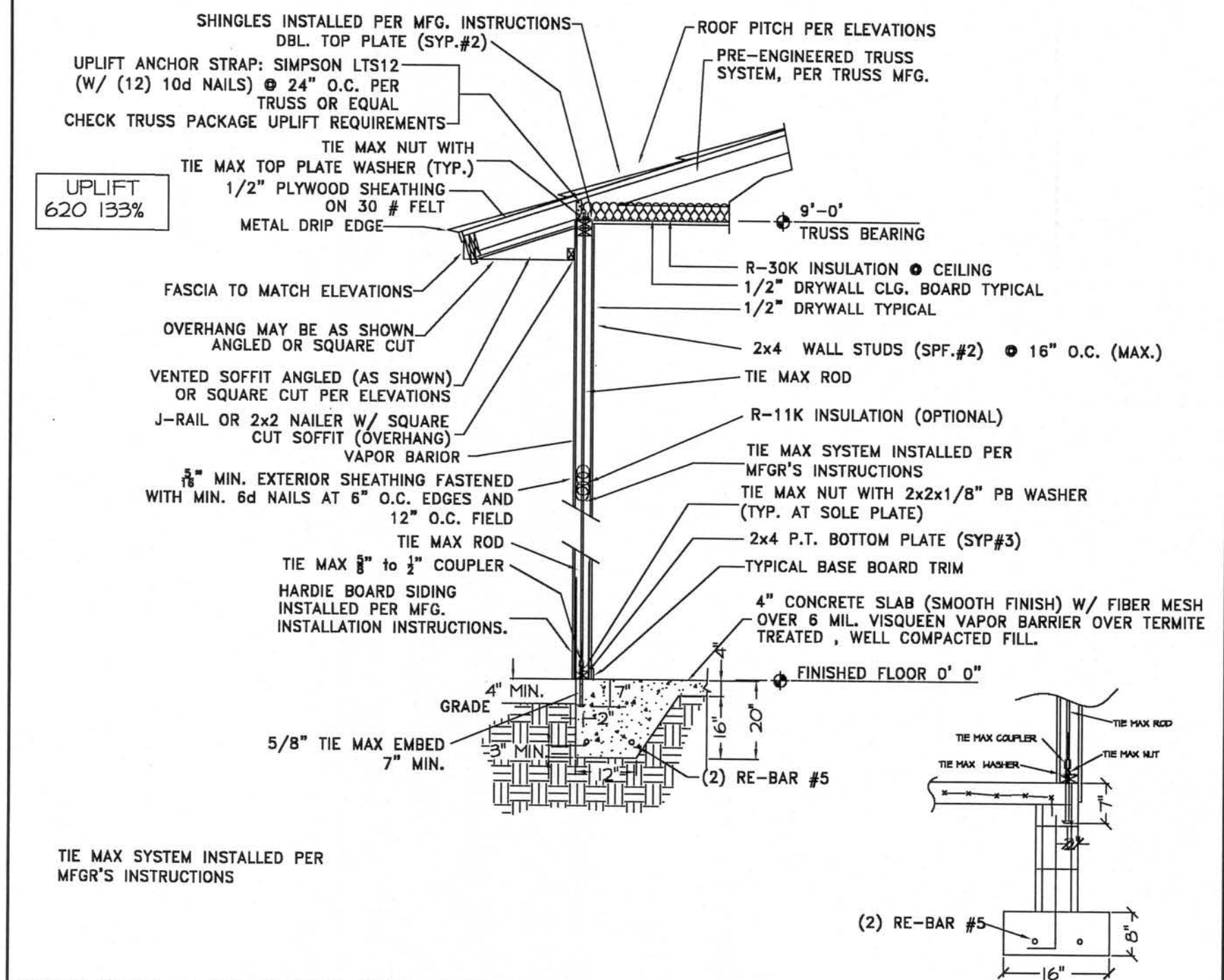
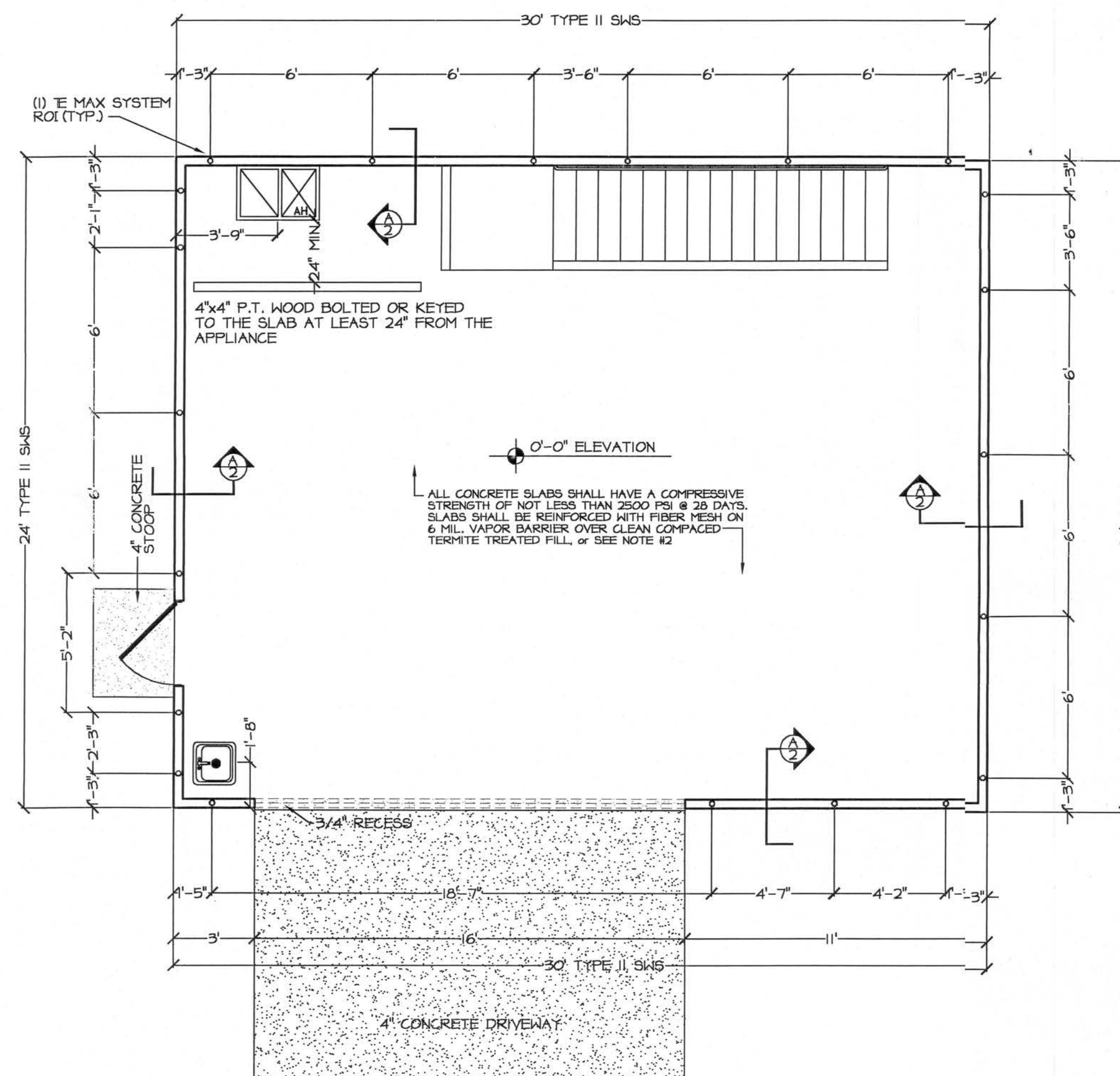
SHEET 1 OF 7

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2/8/06

FLOOR PLAN  
1/4" = 1'-0"





## WALL SECTION

## FOUNDATION NOTES:

- NOTES:
- ALL LUMBER TO BE SYP or SPF#3 MINIMUM, M.C. of 19% EXTERIOR LUMBER TO BE PRESSURE TREATED.
  - 4" CONCRETE SLAB REINFORCED W/ 6"x 6" - #10-10 WIRE MESH OVER 6mm VISQUEEN ON CLEAN COMPACTED TERMITES TREATED FILL.
  - CONCRETE FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 2500 PSI @ 28 DAYS. REINFORCED FOOTINGS WITH #5 REBARS AS INDICATED, ALL BARS SHALL BE DEFORMED AND SHALL CONFORM TO A-615, GR-40, AND BE CLEAN AND FREE FROM RUST AND SCALE. SPLICES SHALL OVERLAP 25" MINIMUM.
  - EXTEND SLAB 1 1/2" AND RECESS 3/4" FOR SLIDING GLASS DOOR TRACKS.
  - MISSING DOWEL, PREDRILL HOLE TO MIN. 8" DEPTH, CLEAN HOLE WITH AIR COMPRESSOR FILL HOLE 1/2 TO 2/3 RDS FULL, STARTING FROM BOTTOM OF HOLE TO PREVENT AIR POCKETS, DOWEL MUST BE CLEAN AND OIL FREE, SLOWLY TURN UNTIL THE DOWEL CONTACTS THE BOTTOM OF THE HOLE AT FOOTING ALLOW 24 HOUR CURE TIME. USE ONLY HIGH STRENGTH EPOXY

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FOUNDATION  
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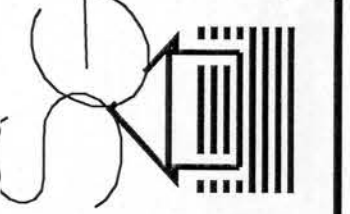
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REVISIONS

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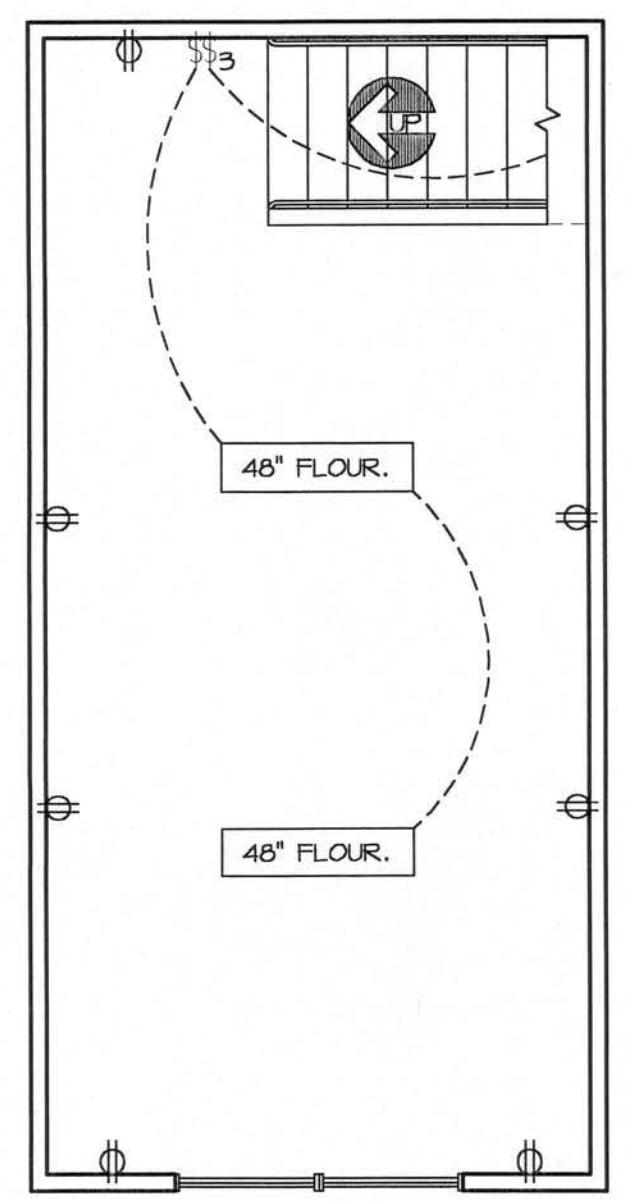
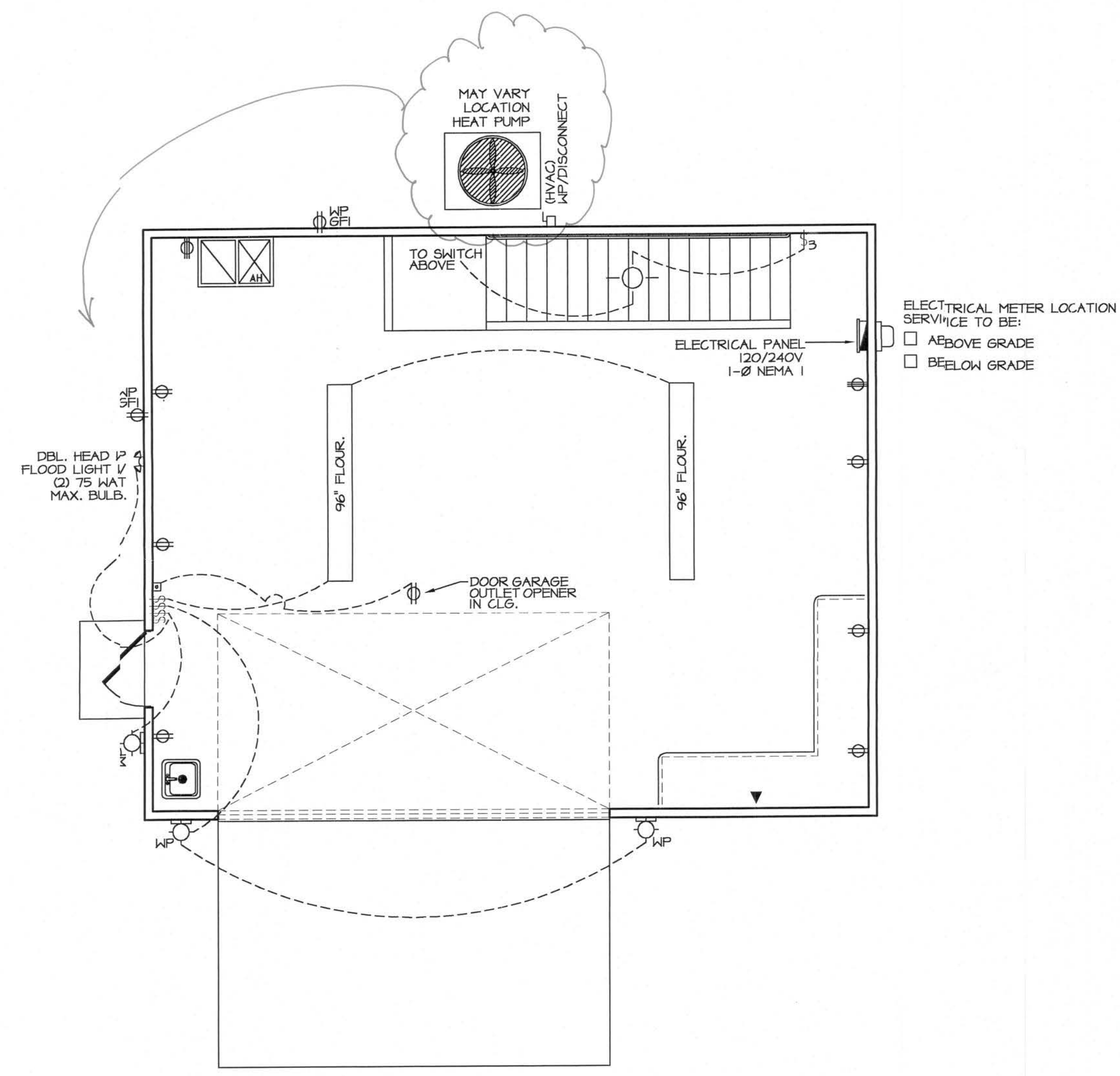


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SHEET 2 OF 7





| ELECTRICAL LEGEND |  |
|-------------------|--|
| SYMBOL            | DESCRIPTION  |
| ⌚                 | SINGLE POLE SWITCH                                       |
| ⌚                 | 3 WAY SWITCH   |
| ⌚                 | DUPLEX OUTLET  |
| ⌚                 | 220 VOLT OUTLET  |
| ⌚ GFI             | DUPLEX OUTLET W/GROUND FAULT INTERRUPTER                 |
| ⌚ GFI/WP          | DUPLEX OUTLET W/GROUND FAULT INTERRUPTER (WEATHER PROOF) |
| ⌚                 | FLOOR MOUNTED RECEPT                                     |
| ⌚                 | GARBAGE DISPOSAL   |
| ⌚                 | DOOR BELL OR GARAGE DOOR OPENER                          |
| ⌚                 | TELEVISION CABLE OUTLET                                  |
| ⌚                 | CEILING EXHAUST FAN                                      |
| ⌚                 | SMOKE DETECTOR   |
| ⌚                 | JUNCTION BOX   |
| ⌚                 | THERMOSTAT   |
| ⌚                 | TELEPHONE JACK   |
| ⌚                 | SECURITY FLOOD LIGHT (MOTION SENSOR OPTIONAL)            |
| ⌚                 | ELECTRICAL PANEL BOX, NEMA 1                             |
| ⌚                 | DOOR CHIME   |
| ⌚                 | POWER DISCONNECT   |
| ⌚                 | CEILING LIGHT FIXTURE                                    |
| ⌚                 | CEILING LIGHT FIXTURE W/EXHAUST FAN                      |
| ⌚                 | RECESSED CAN LIGHT FIXTURE                               |
| ⌚                 | WALL MOUNTED LIGHT FIXTURE                               |
| ⌚                 | SURFACED MOUNT FLUORESCENT LIGHT FIXTURE                 |
| ⌚                 | WATER HEATER   |
| ⌚                 | CEILING J-BOX W/SUPPORT MEMBER FOR CEILING FAN           |
| ⌚                 | DOUBLE FLOOR RECEPT                                      |

ELECTRICAL NOTES: N.E.C. 2002


- ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRIC CODE (N.E.C.).
- WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY THE N.E.C. SECTION 410-8(g).
- WHEN WATERHEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- H.V.A.C. EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE H.V.A.C. EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
- PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE N.E.C. BY LOCAL ELECTRICAL CONSULTANT.
- THE MAIN ELECTRICAL PANEL FEEDER IS DESIGNED AND INSTALLED BY OTHERS, AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- THE OWNER/CONTRACTOR RESERVES THE RIGHT TO ALTER ELECTRICAL PLAN DURING CONSTRUCTION, SUBJECT TO LOCAL JURISDICTION APPROVAL.
- NEC 210-12 Arc fault circuit interrupter protection will be required on all branch circuits that supply 120volt, single phase 15 & 20 ampere receptacle outlets installed in dwelling unit bedrooms.

\* ELECTRICAL CONTRACTOR TO PROVIDE RISER DIAGRAM, PANEL SCHEDULE, AND PANEL WIRE SIZE.


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WJ 2/8/06

ELECTRICAL  
1/4" = 1'-0"



MEMBER NO. 28955

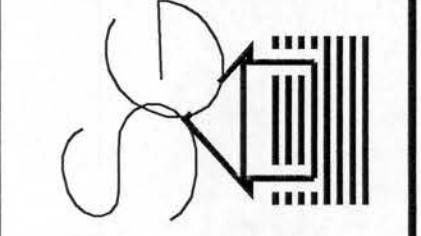


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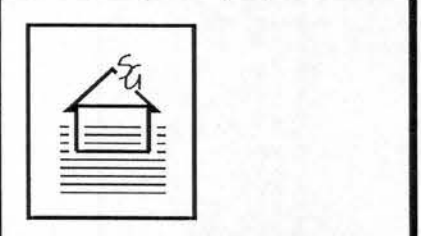
REVISIONS

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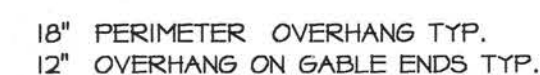
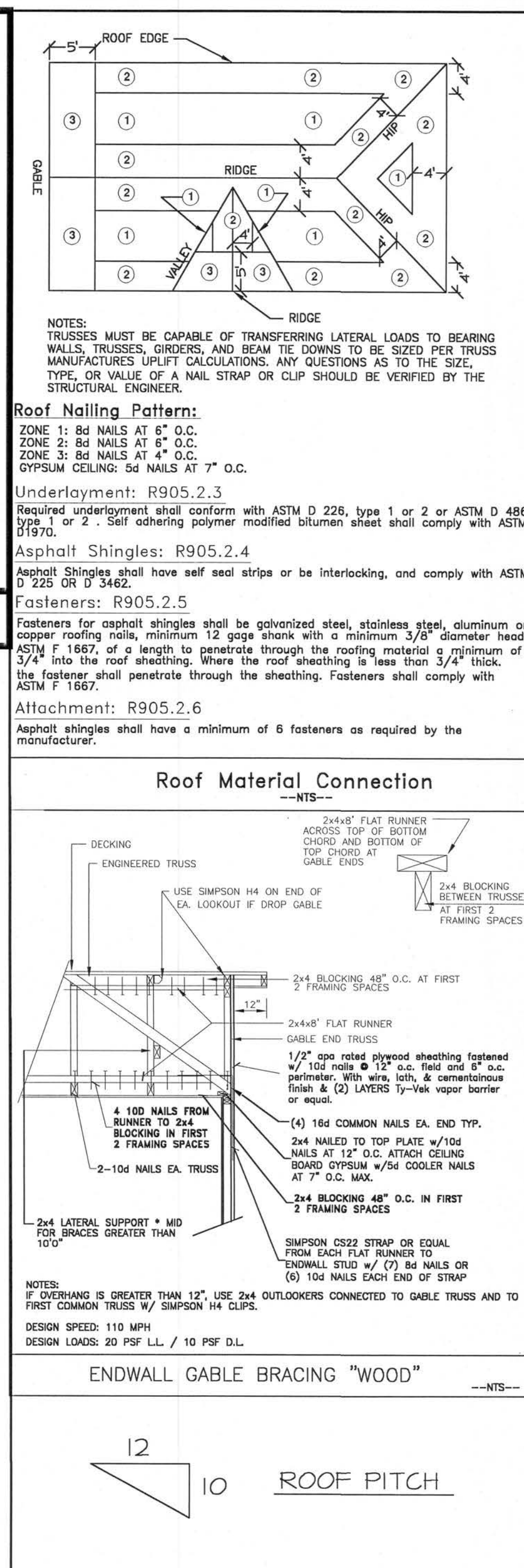
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ROOF PLAN

$\frac{1}{4}'' = 1'-0''$

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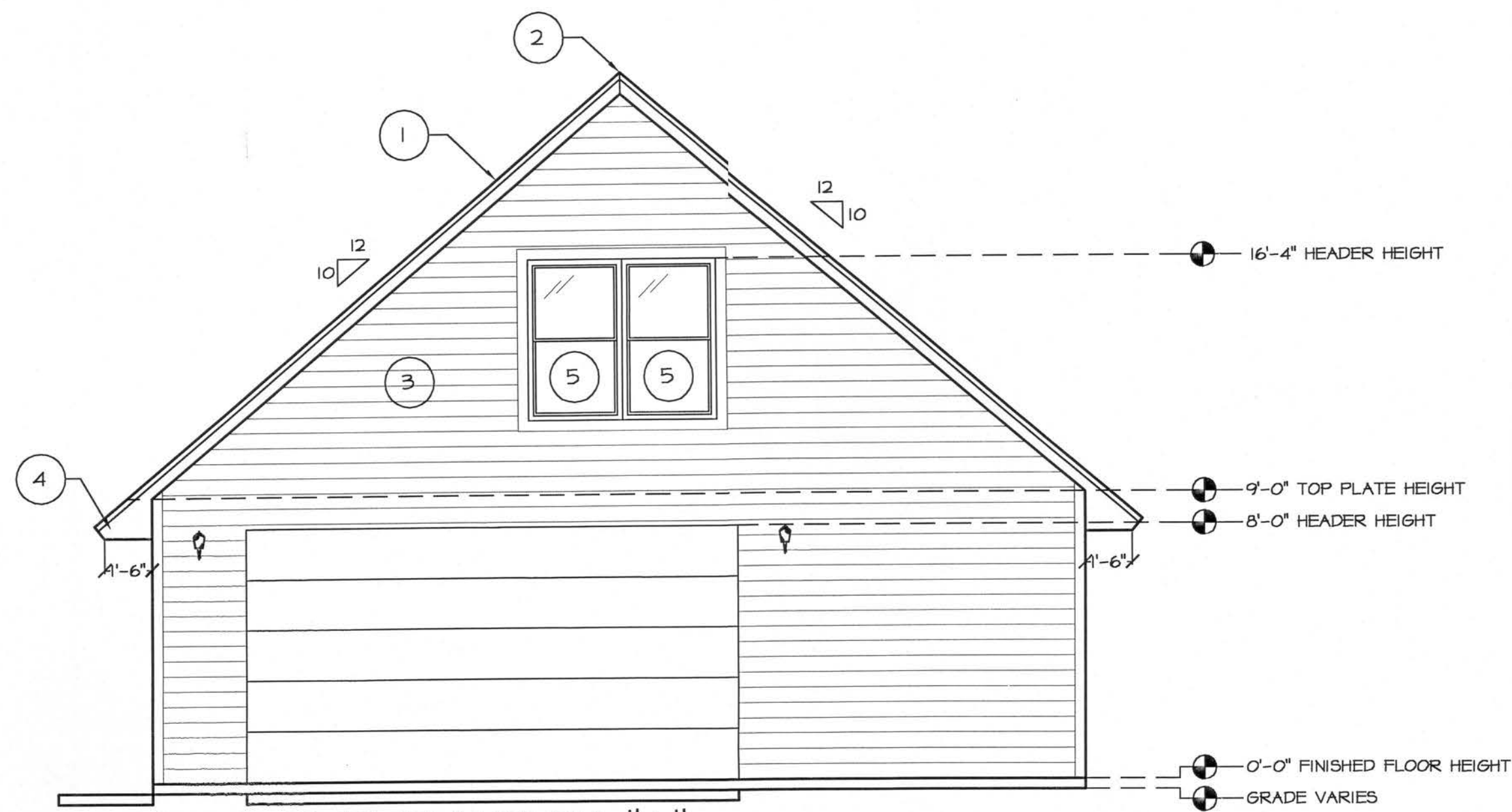
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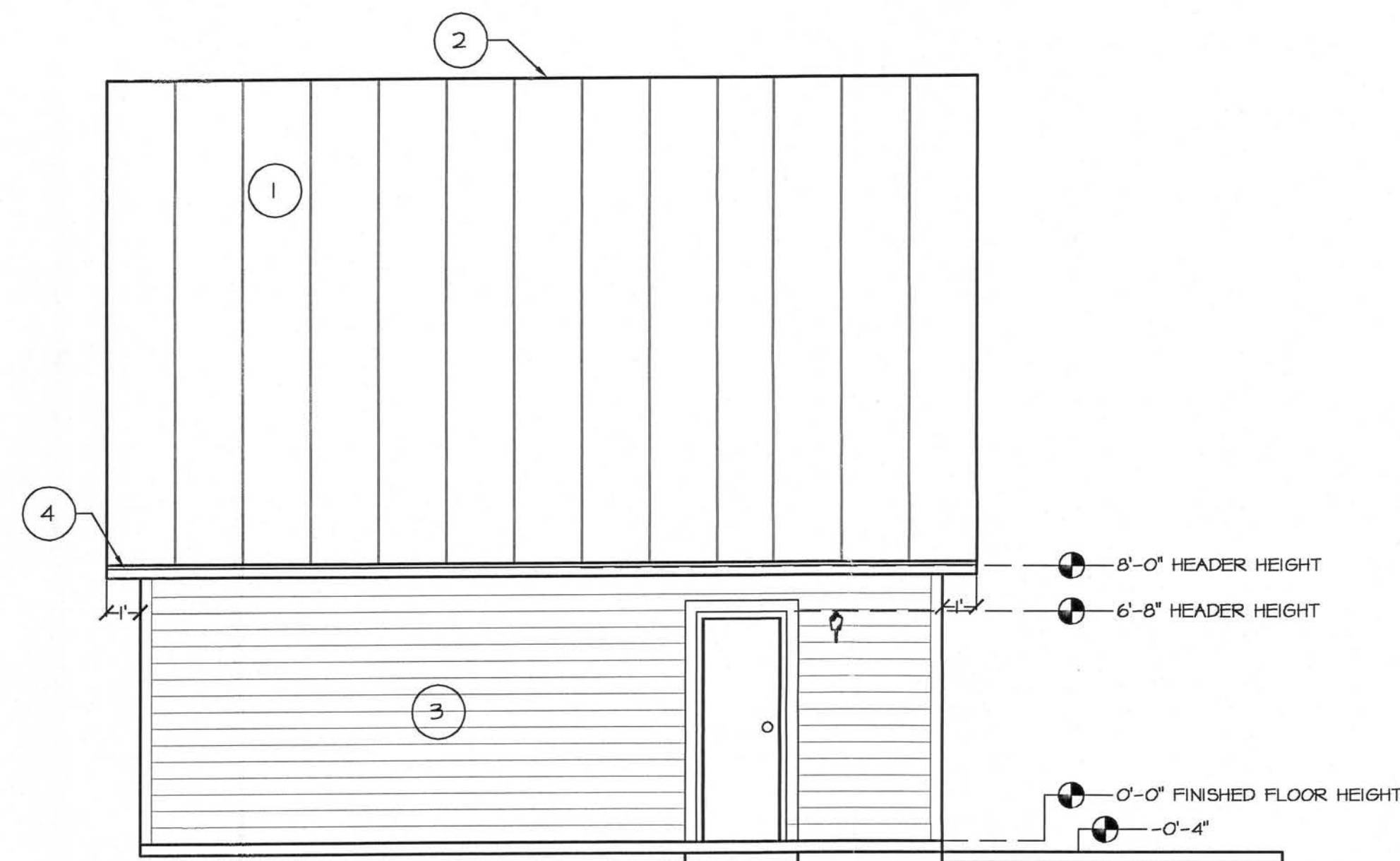
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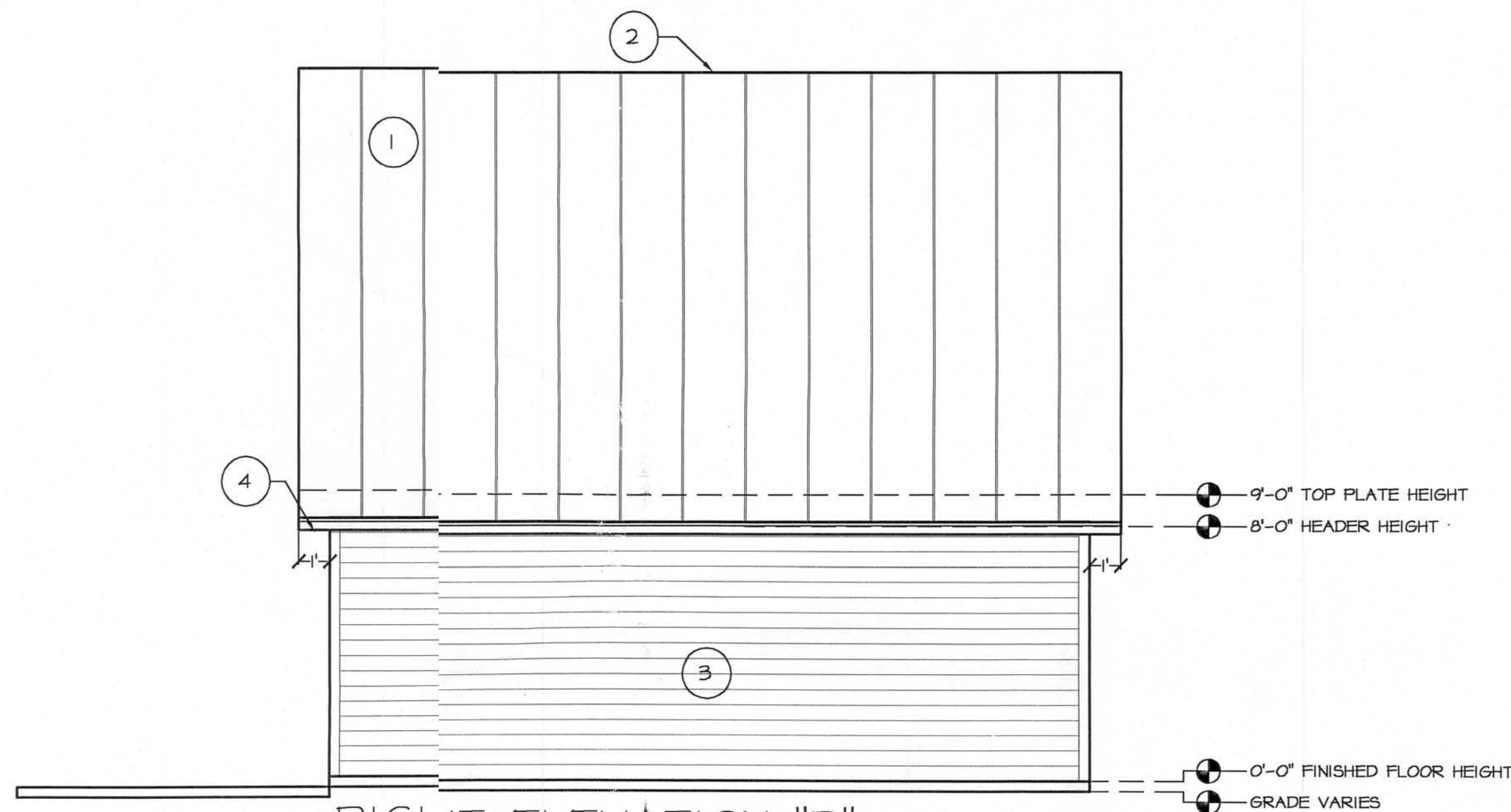
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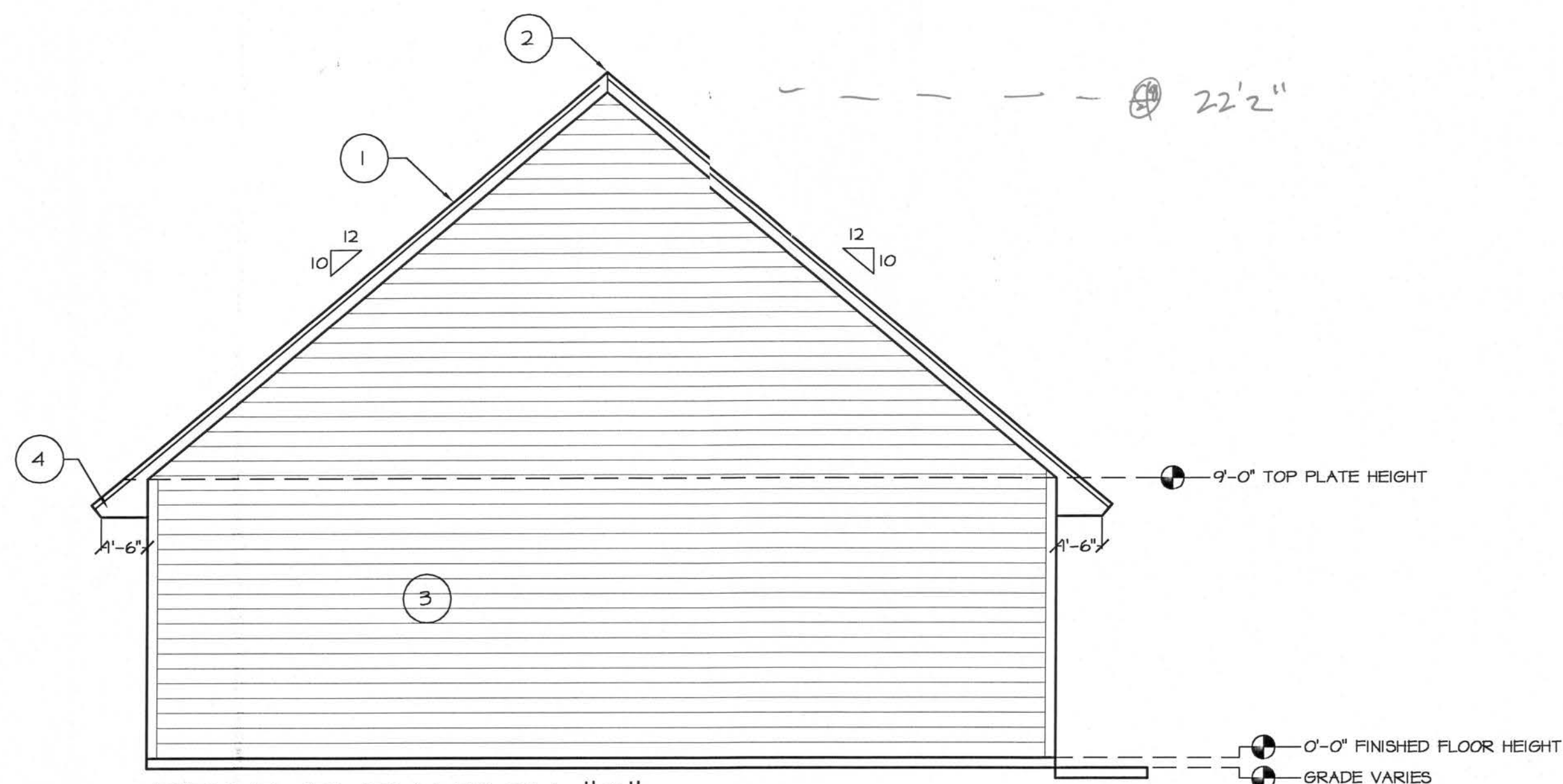
FRONT ELEVATION "A"



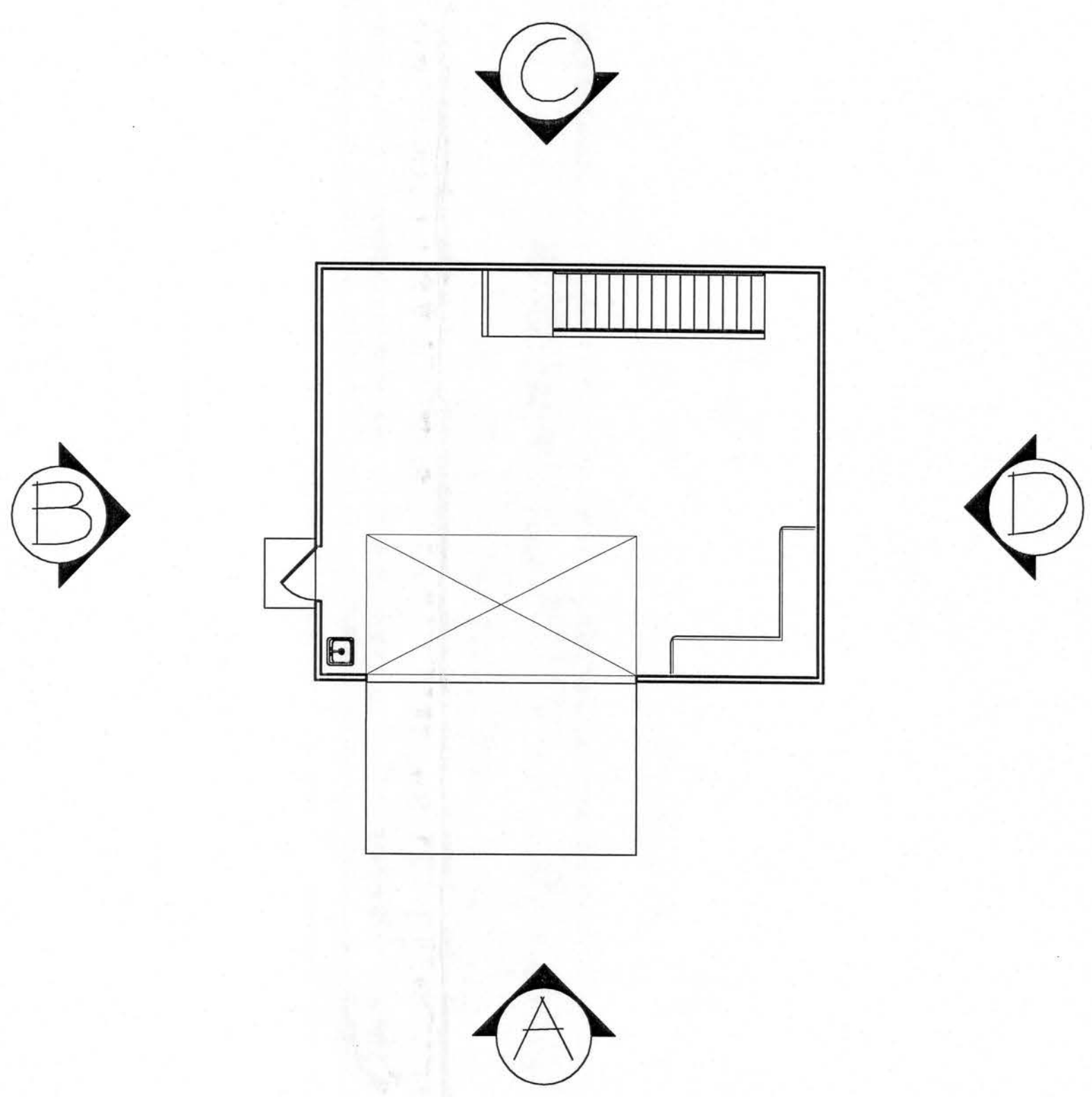
LEFT ELEVATION "B"



RIGHT ELEVATION "D"



REAR ELEVATION "C"



EXTERIOR FINISH NOTES

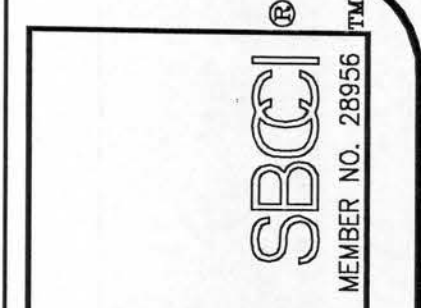
1. 29 GA. MIN. METAL ROOFING OVER 30# FELT ON 1/2" PLYWOOD SHEATHING
2. CONTINUOUS RIDGE VENT
3. HARDIE BOARD SIDING
4. ALUMINUM SOFFIT/FACIA
5. INSULATED WINDOW

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Fax: 941-355-1672



ELEVATIONS

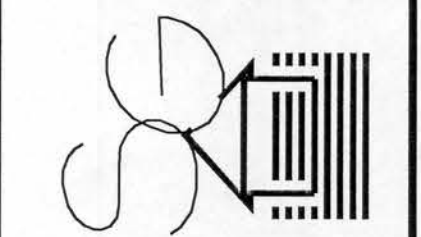
3/16" = 1'-0"



REVISIONS

THE CARTER GARAGE

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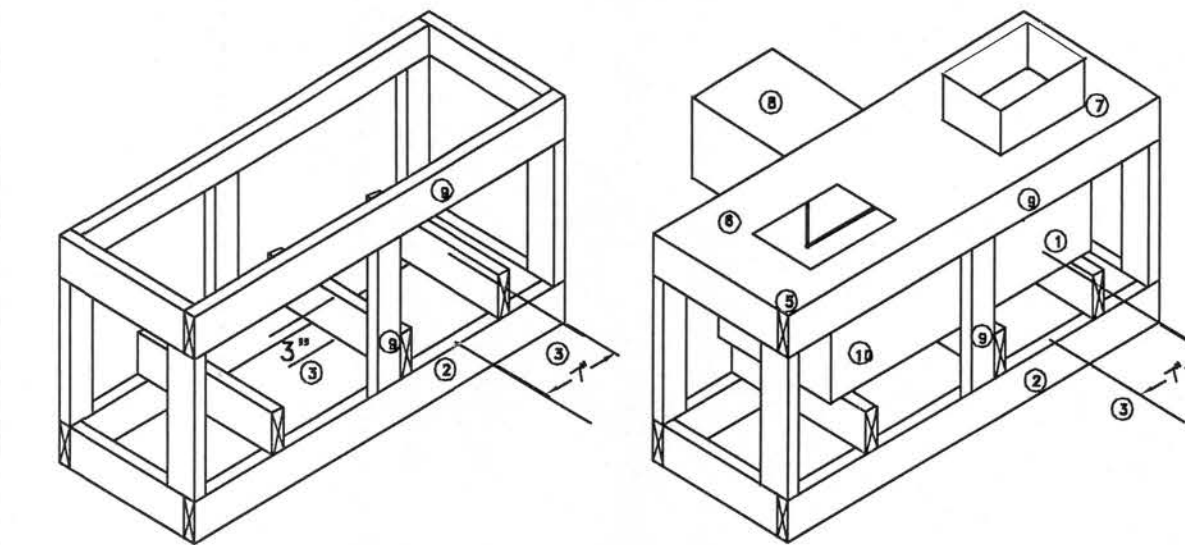
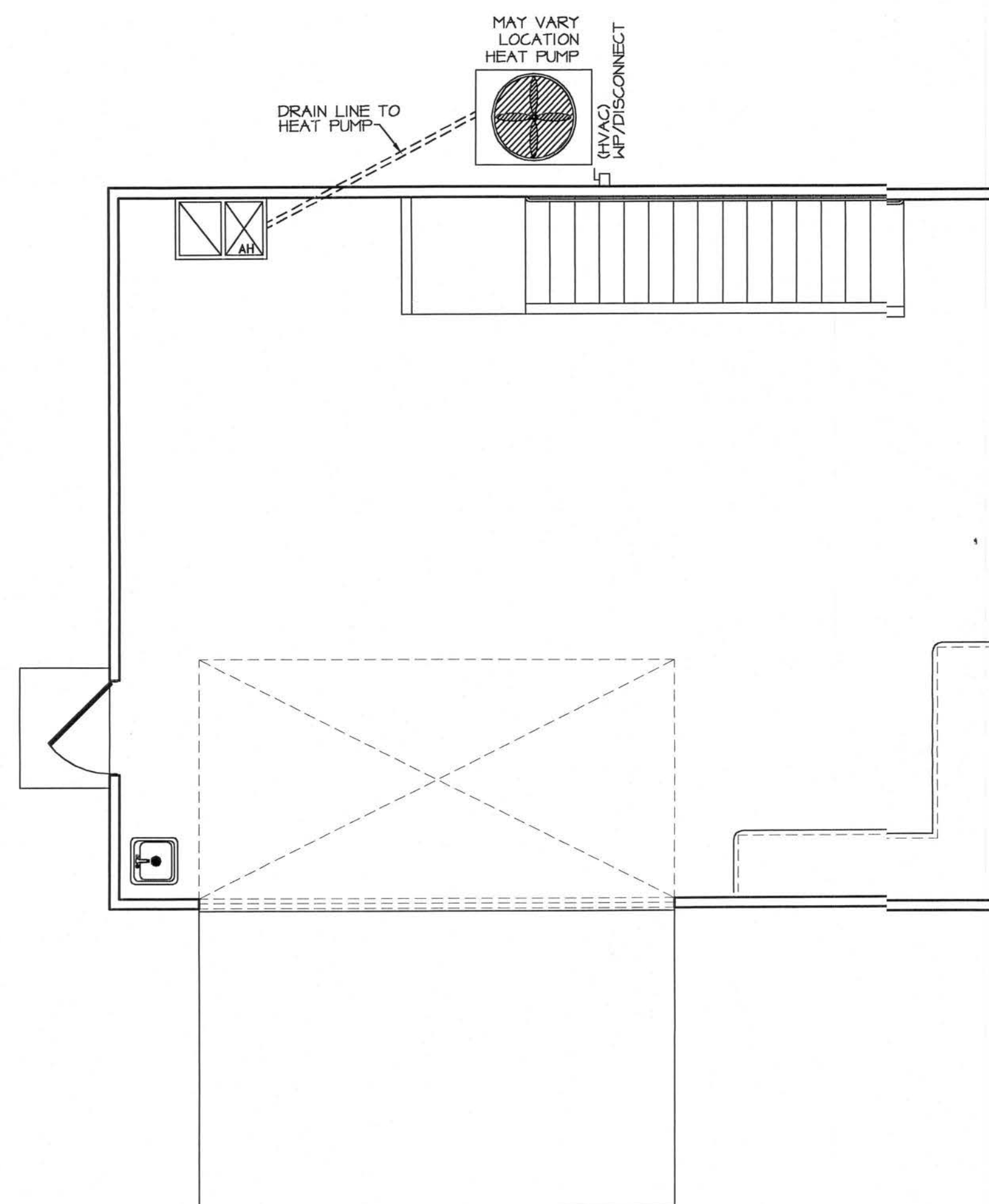
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1. A DUCT SECTION WITHIN THE PLATFORM IS NOW MANDATORY. IF SHEET METAL, IT MUST BE SEALED ACCORDING TO THE ENGRY CODE SECTION 904.6 (a)1. IF DUCT BOARD, IT MUST BE CONSTRUCTED, ERECTED, AND SEALED ACCORDING TO TMA STANDARDS.
2. PRESSURE TREATED 2x4 SET ON EDGE.
3. SEVEN INCH (7") CLEARANCE BELOW DUCT FOR REFRIGERANT LINES.
4. ONE AND ONE-HALF (1 1/2") MINIMUM CLEARANCE FOR REFRIGERANT AND CONDENSATE LINES.
5. WOOD PANEL LID IN FIRM CONTACT WITH THE DUCT SECTION.
6. OPENING ON THE WOOD PANEL LID DIRECTLY BELOW THE AIR HANDLER INLET. THE WOOD PANEL IS SEALED TO THE AIR BARRIER (FOIL CLADDING) OF THE DUCT SECTION USING MASTIC.
7. METAL FITTING OR BRANCH DUCT PASSING THROUGH THE LID AND SEALED TO THE DUCT SECTION.
8. THROUGH-WALL RETURN, IF USED, MUST BE JOINED TO THE DUCT SECTION ACCORDING TO TMA STANDARDS, AND SEALED TO THE SHEATHING OF THR INTERIOR WALL USING MASTIC.
9. FRONT RAIL AND CENTER SUPPORT. IF THROUGH-WALL RETURN IS USED, FASTEN THIS RAIL AND SUPPORT AFTER THE DUCT SECTION IS IN PLACE.
10. SHEET METAL BELOW AIR HANDLER INLET TO MEET NFPA 90B SECTION 2-2.1.3.
11. F.B.C. 2004 SECTION R309.1.1 Duct penetration. Ducts in the garage and ducts penetrating the walls or ceilings separation the dwelling from the garage shall be constructed of a minimum NO. 26 gage (.48mm) sheet steel or other approved metal and shall have no openings into the garage.

| AIR HANDLER PLATFORM SIZE CHART |         |        |       |                   |                |
|---------------------------------|---------|--------|-------|-------------------|----------------|
| SIZE (TON)                      | WIDTH   | HEIGHT | DEPTH | REMOTE RETURN AIR | NON REMOTE R/A |
| 2                               | 30"     | 34"    | 30"   |                   | XX             |
| 2                               | 42"-48" | 34"    | 30"   | XX                |                |
| 2 1/2 TO 3                      | 56"     | 34"    | 30"   | XX                |                |
| 2 1/2 TO 3                      | 56"     | 34"    | 30"   |                   | XX             |
| 3 1/2 TO 4                      | 60"     | 34"    | 30"   | XX                |                |
| 3 1/2 TO 4                      | 60"     | 34"    | 30"   |                   | XX             |
| 4 1/2 TO 5                      | 62"     | 34"    | 30"   | XX                |                |
| 4 1/2 TO 5                      | 62"     | 34"    | 30"   |                   | XX             |

NOTE: PROVIDE 144" OF RETURN AIR FOR ONE (1)TON OF AIR (MINIMUM)

#### AIR HANDLER SUPPORT PLATFORM CONSTRUCTION

--NTS--

#### H.V.A.C. SYSTEM NOTES

INTERIOR DOORS MAY BE CUT 2" MIN. TO 2 1/2" MAX. FROM FINISHED FLOOR FOR RETURN AIR.

CEILING REGISTERS & DUCT SIZE SHALL BE CALCULATED AND DESIGNED BY A CERTIFIED MECHANICAL ENGINEER OR A LICENSED H.V.A.C. CONTRACTOR.

REFER TO 2004 F.B.C.

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HVAC PLAN  
1/4" = 1'-0"

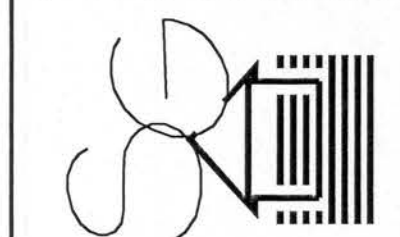
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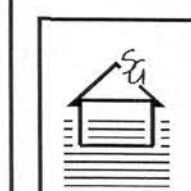
#### REVISIONS

THE CARTER GARAGE

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DATE:  
2/3/06



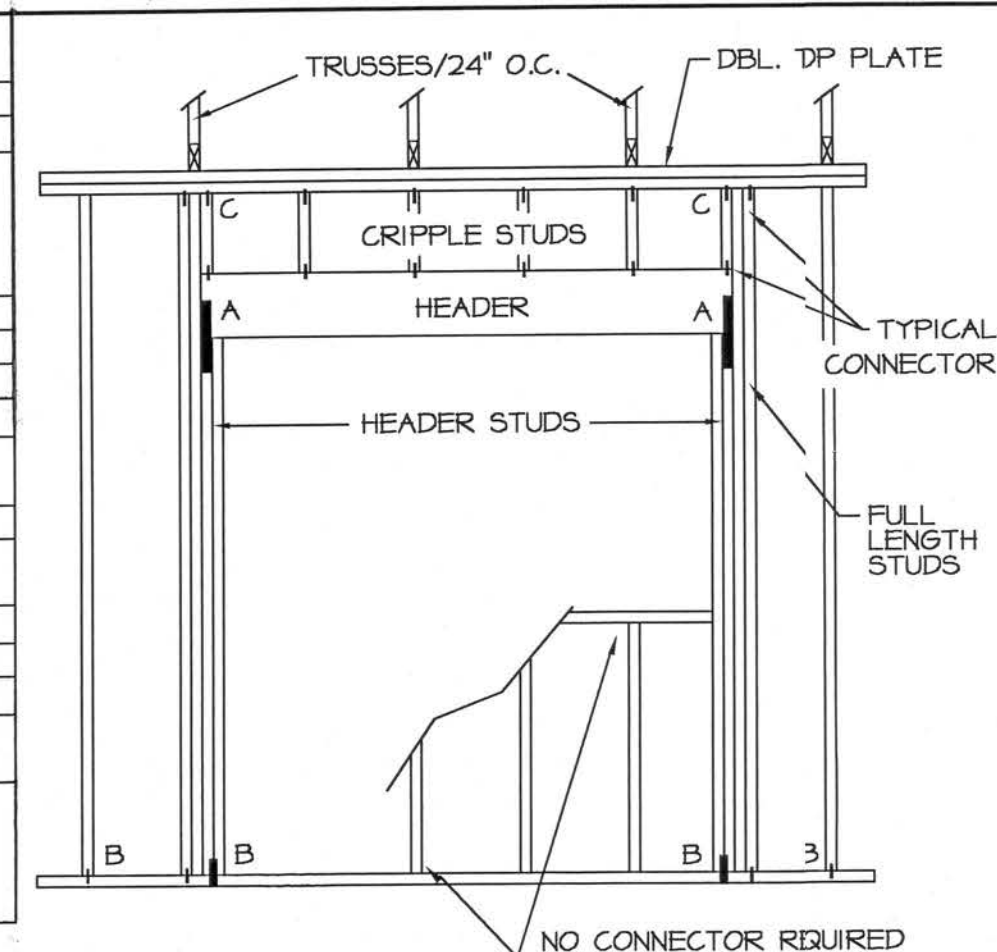
#### SHEET INDEX

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SHEET 7 OF 7



| STRAP LOC.   | FASTENERS   | UPLIFT |
|--|-------------|--------|
|  | 10d1½ nails |        |
| 2x4 AND 2x6 WALL   |             |        |
| SIMPSON MSTA (flat strap)  |             |        |
| A  | 10          | 760    |
| A  | 14          | 1065   |
| A  | 16          | 1215   |
| A  | 18          | 1370   |
| 2x4 WALL   |             |        |
| SIMPSON SP4  |             |        |
| B/C  | 6           | 735    |
| SIMPSON SP4H   |             |        |
| B/C  | 10          | 1240   |
| B/C  | 12          | 1360   |
| 2x6 WALL   |             |        |
| STRAP LOC.   | FASTENERS   | UPLIFT |
|  | 10d1½ nails |        |
| SIMPSON SP6  |             |        |
| B/C  | 6           | 735    |
| SIMPSON SP6H   |             |        |
| B/C  | 10          | 1240   |
| B/C  | 12          | 1360   |
| ALL CONNECTORS MAY BE ADJUSTED OR SUBSTITUTED WITH EQUAL OR GREATER CONNECTORS |             |        |

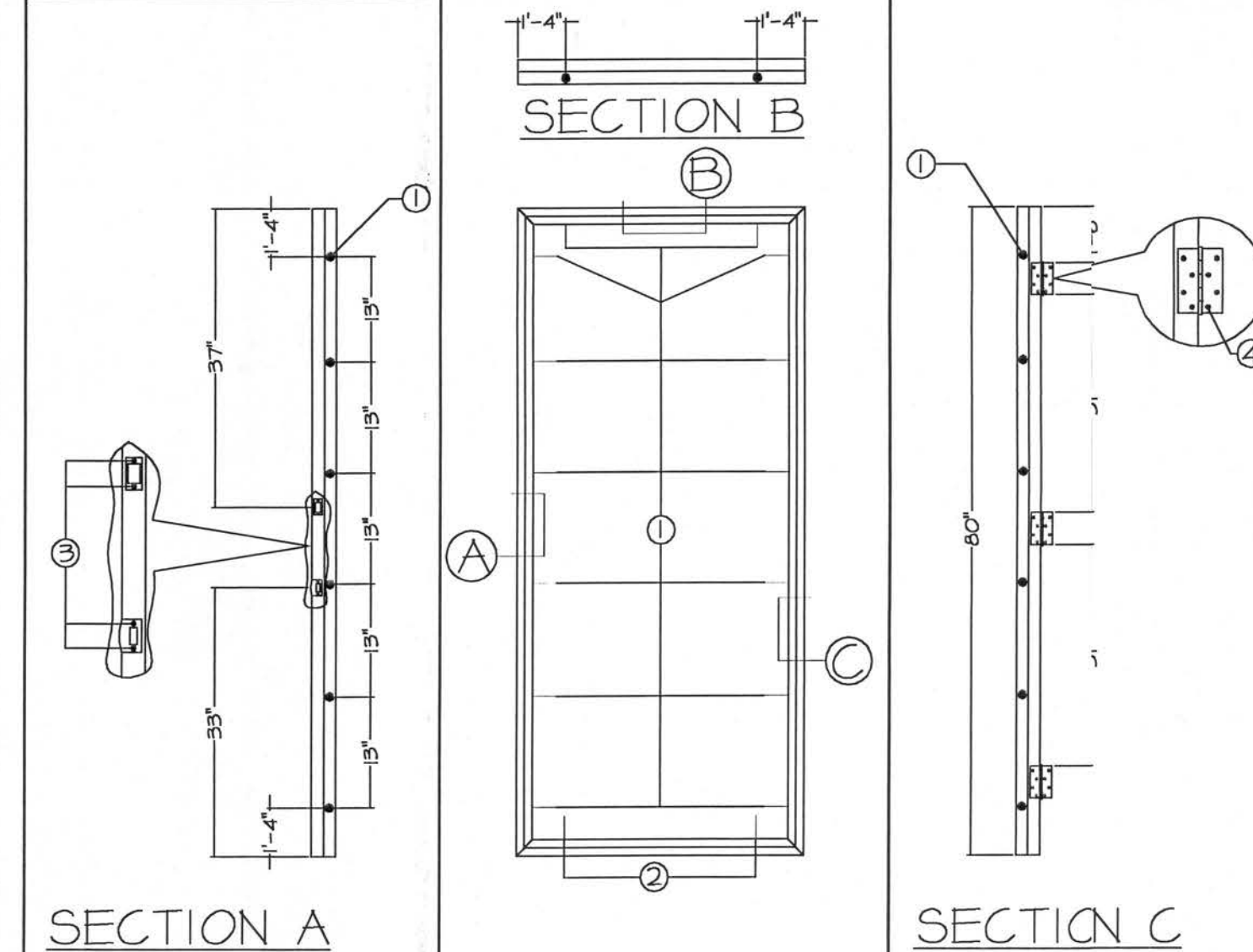


1. THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS SUPPORTED BY A SUITABLE FRAMING ANCHOR.
2. IF 60 BOLT OR PRO BOLT OR TIE MAX ANCHOR SYSTEM IS INSTALLED, CONNECTORS INDICATED IN THIS DETAIL ARE NOT REQUIRED.

| MAXIMUM HEADER SPAN (FEET) |    |    |     |     |     |   |
|----------------------------|----|----|-----|-----|-----|---|
| 3'                         | 6' | 9' | 12' | 15' | 18' |   |
| 1                          | 1  | 2  | 2   | 2   | 2   | 2 |

| UNSUPPORTED WALL HEIGHT | STUD SPACING | NUMBER OF FULL LENGTH STUDS AT EACH END OF HEAR |   |   |   |   |   |
|-------------------------|--------------|---|---|---|---|---|---|
| 10' OR LESS             | 12 INCHES    | 2   | 2 | 3 | 3 | 3 | 3 |
|                         | 16 INCHES    | 2   | 2 | 3 | 3 | 3 | 3 |
|                         | 24 INCHES    | 1   | 2 | 2 | 2 | 2 | 2 |
| GREATER THAN 10'        | 12 INCHES    | 2   | 2 | 3 | 4 | 5 | 5 |
|                         | 16 INCHES    | 2   | 2 | 3 | 3 | 4 | 4 |
|                         | 24 INCHES    | 1   | 2 | 2 | 2 | 3 | 3 |

#### MINIMUM WALL & HEADER STUD REQUIREMENTS



#### NOTES

1. #8 x 2 1/2" PFH WOOD SCREWS
2. #6" TAPCON (ITW) OR #6" (ELCO) 2 1/2" L.G. (DOOR ONLY)
3. #10 x 2" PFH WOOD SCREWS
4. #9 x 1" F.H. WOOD SCREWS

#### WINDOW/DOOR INSTALLATION DETAIL

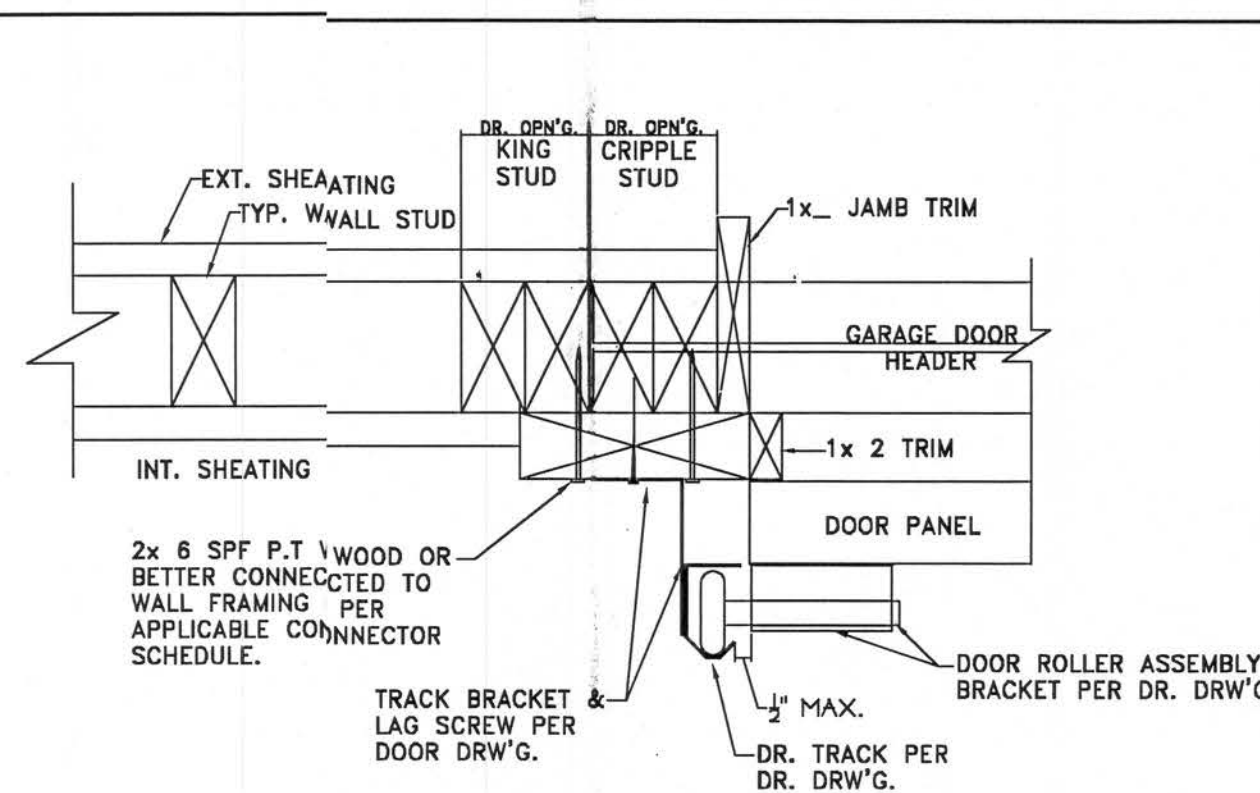
#### WOOD CONSTRUCTION CHART

| WOOD CONSTRUCTION      |                      | QUANT. OF NAILS PER JAMB ** |                             |                        |
|------------------------|----------------------|-----------------------------|-----------------------------|------------------------|
| TOTAL DOOR LOAD (LBS.) | LOAD PER JAMB (LBS.) | SYP SPECIFIC GRA.=0.55      | DOUG.FIR SPECIFIC GRA.=0.48 | SPF SPECIFIC GRA.=0.42 |
| 1000                   | 500                  | 5                           | 7                           | 10                     |
| 1250                   | 625                  | 7                           | 9                           | 12                     |
| 1500                   | 750                  | 8                           | 11                          | 15                     |
| 1750                   | 875                  | 9                           | 13                          | 17                     |
| 2000                   | 1000                 | 10                          | 14                          | 20                     |
| 2250                   | 1125                 | 11                          | 16                          | 22                     |
| 2500                   | 1250                 | 13                          | 18                          | 24                     |
| 2750                   | 1375                 | 14                          | 20                          | 27                     |
| 3000                   | 1500                 | 15                          | 21                          | 30                     |
| 3250                   | 1625                 | 17                          | 23                          | 32                     |
| 3500                   | 1750                 | 18                          | 25                          | 34                     |
| 3750                   | 1875                 | 19                          | 26                          | 36                     |
| 4000                   | 2000                 | 20                          | 28                          | 38                     |
| 4250                   | 2125                 | 22                          | 30                          | 41                     |
| 4500                   | 2250                 | 23                          | 32                          | 44                     |
| 4750                   | 2375                 | 24                          | 33                          | 46                     |
| 5000                   | 2500                 | 25                          | 35                          | 48                     |

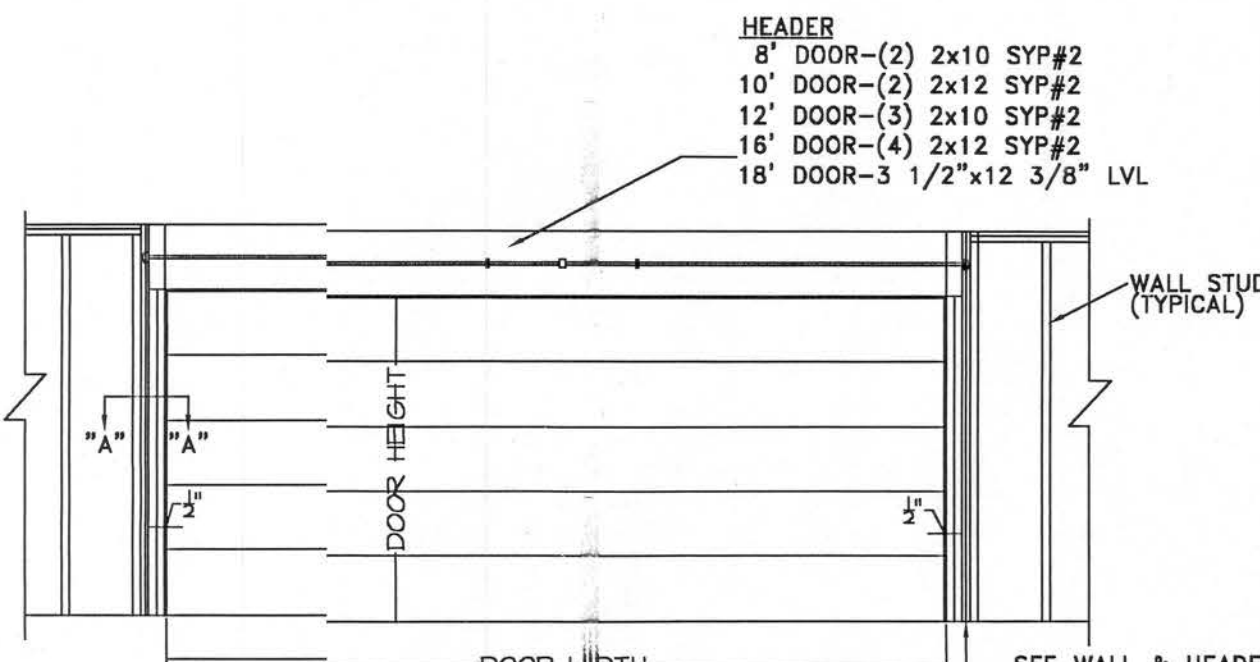
- \*\*--BASED ON 16d x 2 1/2" LONG THREADED, HARDENED NAIL ASSUMING 2" MIN. PENETRATION.
1. ANCHORS T BE EVENLY SPACED BETWEEN THE HEADER AND THE FLOOR.
  2. PREDRILL NAIL HOLES TO PREVENT SPLITTING
  3. CHART IS BASED ON 8'-0" MAX. DOOR HEIGHT

| WOOD CONSTRUCTION      |                      | QUANT. OF NAILS PER JAMB ** |                             |                        |
|------------------------|----------------------|-----------------------------|-----------------------------|------------------------|
| TOTAL DOOR LOAD (LBS.) | LOAD PER JAMB (LBS.) | SYP SPECIFIC GRA.=0.55      | DOUG.FIR SPECIFIC GRA.=0.48 | SPF SPECIFIC GRA.=0.42 |
| 1000                   | 500                  | 3                           | 3                           | 3                      |
| 1250                   | 625                  | 3                           | 3                           | 3                      |
| 1500                   | 750                  | 3                           | 3                           | 3                      |
| 1750                   | 875                  | 3                           | 3                           | 3                      |
| 2000                   | 1000                 | 3                           | 3                           | 3                      |
| 2250                   | 1125                 | 3                           | 3                           | 3                      |
| 2500                   | 1250                 | 3                           | 3                           | 3                      |
| 2750                   | 1375                 | 3                           | 3                           | 3                      |
| 3000                   | 1500                 | 3                           | 3                           | 3                      |
| 3250                   | 1625                 | 3                           | 3                           | 4                      |
| 3500                   | 1750                 | 3                           | 3                           | 4                      |
| 3750                   | 1875                 | 3                           | 3                           | 4                      |
| 4000                   | 2000                 | 3                           | 3                           | 4                      |
| 4250                   | 2125                 | 3                           | 4                           | 5                      |
| 4500                   | 2250                 | 3                           | 4                           | 5                      |
| 4750                   | 2375                 | 4                           | 4                           | 5                      |
| 5000                   | 2500                 | 4                           | 4                           | 5                      |
| 5250                   | 2625                 | 4                           | 4                           | 5                      |
| 5500                   | 2750                 | 4                           | 5                           | 6                      |
| 5750                   | 2875                 | 4                           | 5                           | 6                      |
| 6000                   | 3000                 | 4                           | 5                           | 6                      |
| 6250                   | 3125                 | 4                           | 5                           | 6                      |
| 6500                   | 3250                 | 4                           | 5                           | 6                      |
| 6750                   | 3375                 | 5                           | 6                           | 7                      |
| 7000                   | 3500                 | 5                           | 6                           | 7                      |
| 7250                   | 3625                 | 5                           | 6                           | 7                      |
| 7500                   | 3750                 | 5                           | 6                           | 7                      |

- \*\*--BASED ON 3/8" DIA. LAG SCREW ASSUMING 2" MIN. PENETRATION SEASONED WOOD, DRY USE.
1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND THE FLOOR.
  2. CHART IS BASED ON 8'-0" MAX. DOOR HEIGHT.



#### JAMB FASTENER DETAIL SECTION AA



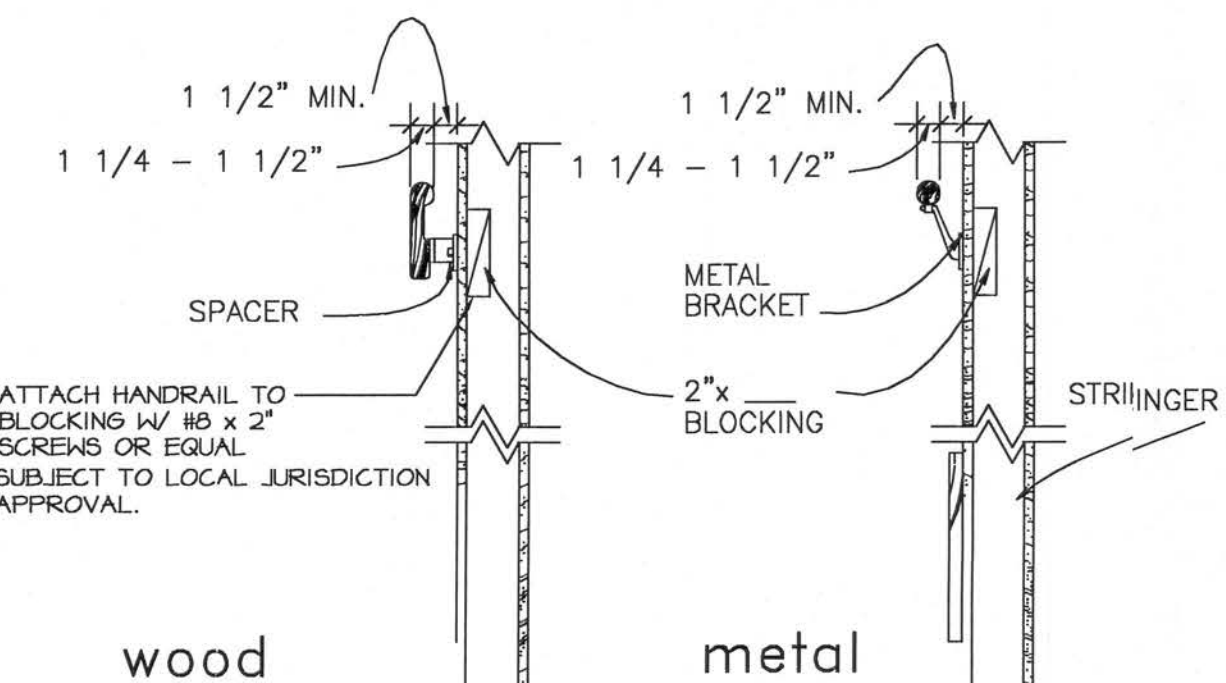
- ELEVATION NOTES
1. SPACE BETWEEN INSIDE OF VERTICAL TRACK AND END OF DOOR IS 1 1/2" MAX.
  2. SEE WALL & HEADER STUD CHART.

#### GARAGE DOOR (TYPICAL) -NTS-

#### GARAGE DOOR BUCK CONNECTION DETAIL

##### STAIR CASE HANDRAIL CONNECTION

- Stairways shall be equipped with hand rails located not less than 34 inches nor more than 38 inches above the leading edge of a tread.
  - Stairways shall have handrails on each side.
  - Gripping surfaces shall be continuous, without interruption by newel post or other obstructions.
- All work shall comply with Section 1007.5 (handrails) of the Florida building Code 2004



-NTS-

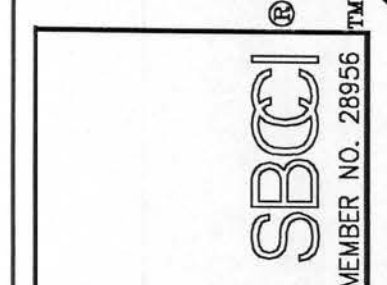
HEADER SPANS FOR EXTERIOR BEARING WALLS (FOR DOUGLAS FIR-LARCH, HEM-FIR, SOUTHERN PINE, AND SPRUCE-PINE-FIR)

HEADERS SUPPORTING ROOF AND CEILING ONLY

| HDR. SIZE | 20 PSF ROOF LIVE LOAD MAX. SPAN BUILDING WIDTH (FEET) |        |         |
|-----------|---|--------|---------|
|           | 20  | 28     | 36      |
| 2-2x4     | 3'-6"   | 3'-2"  | 2'-10"  |
| 2-2x6     | 5'-5"   | 4'-8"  | 4'-2"   |
| 2-2x8     | 6'-10"  | 5'-11" | 5'-4"   |
| 2-2x10    | 8'-5"   | 7'-3"  | 6'-6"   |
| 2-2x12    | 9'-9"   | 8'-5"  | 7'-6"   |
| 3-2x8     | 8'-4"   | 7'-5"  | 6'-8"   |
| 3-2x10    | 10'-6"  | 9'-1"  | 8'-2"   |
| 3-2x12    | 12'-2"  | 10'-7" | 9'-5"   |
| 4-2x8     | 9'-2"   | 8'-4"  | 7'-8"   |
| 4-2x10    | 11'-8"  | 10'-6" | 9'-5"   |
| 4-2x12    | 14'-1"  | 12'-2" | 10'-11" |

- NOTES:
1. SEE STUD CHART FOR REQUIRED STUDS AT EACH END OF OPENING.
  2. BUILDING WIDTH IS MEASURED PERPENDICULAR TO RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS MAY BE INTERPOLATED.

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#### REVISIONS

THE CARTER GARAGE

DRAWING PREPARED BY:  
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FAX (352)624-3843

FILE NAME: CARTER.DWG  
SCALE: 1/4"=1'-0"  
DATE: 2/3/06



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