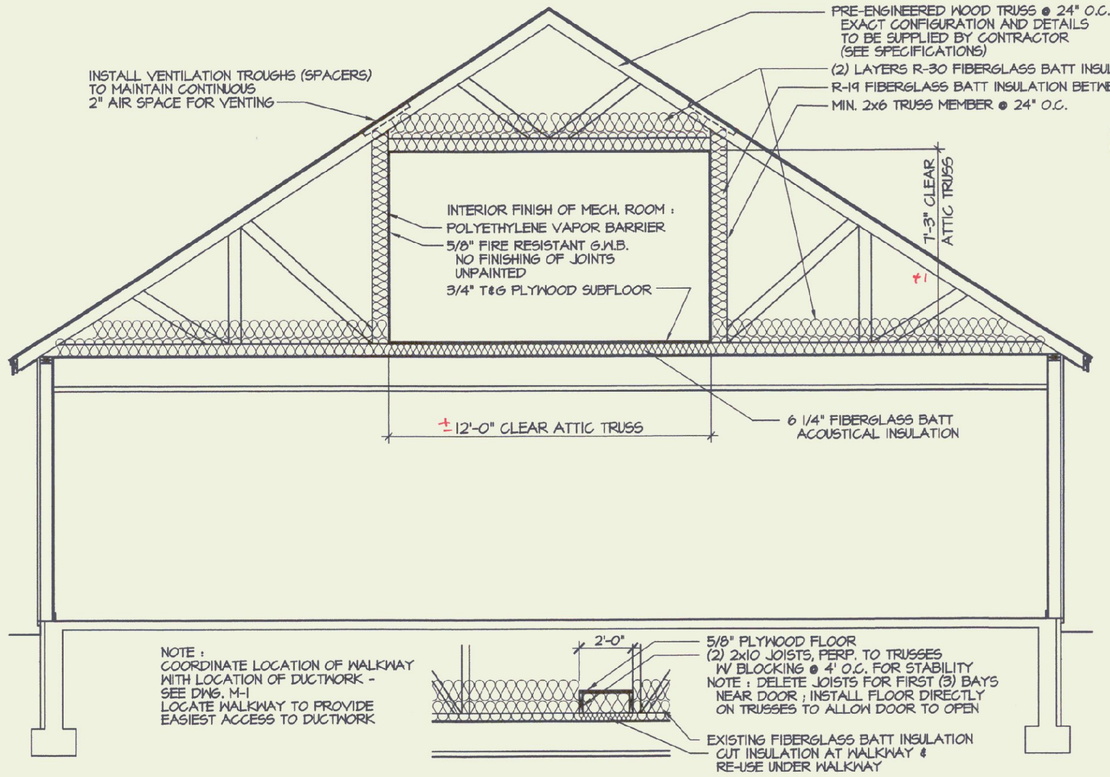


Design Loading for Trusses :
(see specifications)

1. Design trusses to withstand design loads without deflections greater than the following:
   a. Vertical deflection of 1/240 of span due to total load.
   b. Horizontal deflection at reactions of 1-1/4 inches.

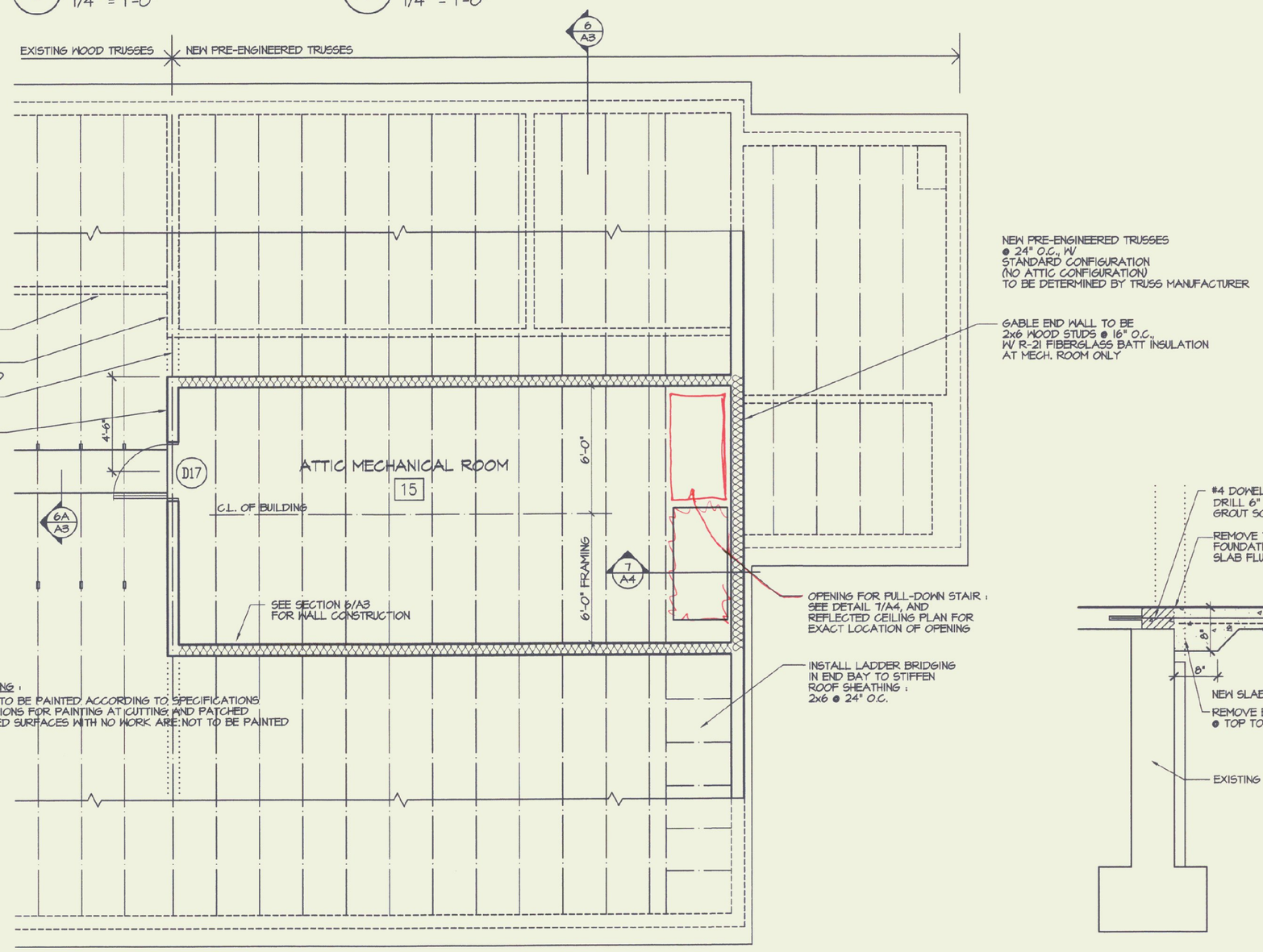
2. Design trusses for the following design loads:

   a. Dead loads: Roof and floor sheathing, 2.5 psf.
   b. Dead loads: Joists and trusses, 5 psf.
   c. Dead loads: Ceiling, 4 psf.
   d. Dead loads: Roofing, 5 psf.
   e. Mechanical equipment loads:
      1) AHU-1 264 lbs. Floor mounted
      2) AHU-2 232 lbs. Floor mounted
      3) DS-1 75 lbs. Floor mounted
      4) DS-2 75 lbs. Ceiling hung
      5) RF-1 160 lbs. Ceiling hung
      6) RF-2 160 lbs. Ceiling hung
   f. Live loads: Roof snow load 50 psf plus drifts.
   g. Live loads: Attic floor, 20 psf.
   h. Wind load, 80 mph wind speed, exposure B, on overall building, 20 psf.
   i. Wind load: Uplift on roof trusses 0 psf.
   j. Wind load: Components within salient corners, 20 psf.
   k. Wind load: Components beyond salient corners, 16 psf.
   l. Salient corner or edge includes the first 10 feet of wall or roof from corners, ridges, eaves and rakes.

NOTE : COORDINATE LOCATION OF WALKWAY WITH LOCATION OF DUCTWORK - SEE DWG. M-1 LOCATE WALKWAY TO PROVIDE EASIEST ACCESS TO DUCTWORK

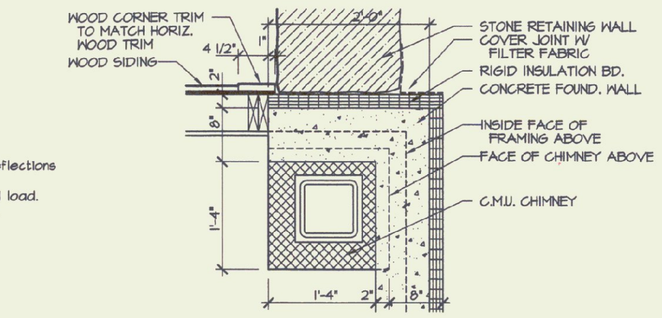
6 ATTIC SECTION
1/4" = 1'-0"

6A WALKWAY SECTION
1/4" = 1'-0"

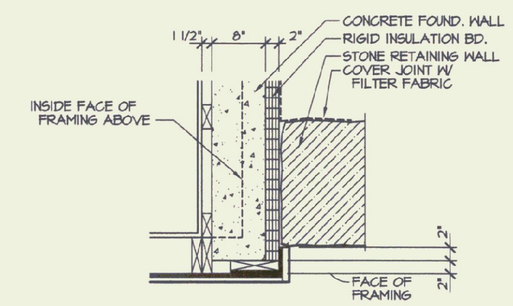


INTERIOR PAINTING :
ALL NEW WORK TO BE PAINTED ACCORDING TO SPECIFICATIONS
SEE SPECIFICATIONS FOR PAINTING AT CUTTING AND PATCHED EXISTING PAINTED SURFACES WITH NO WORK ARE NOT TO BE PAINTED

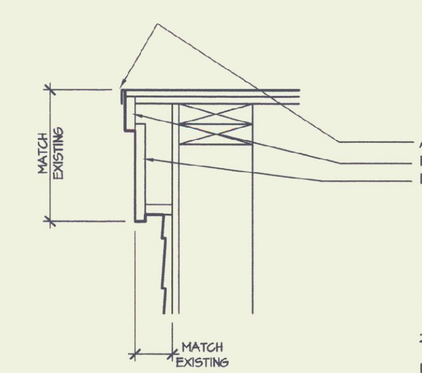
5 ATTIC PLAN
1/4" = 1'-0"



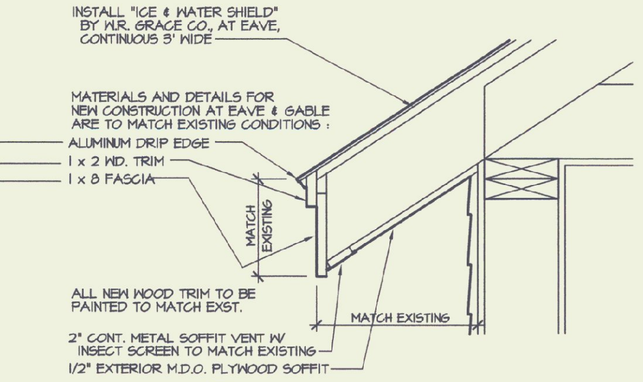
8 DETAIL @ N.W. CORNER
3/4" = 1'-0"



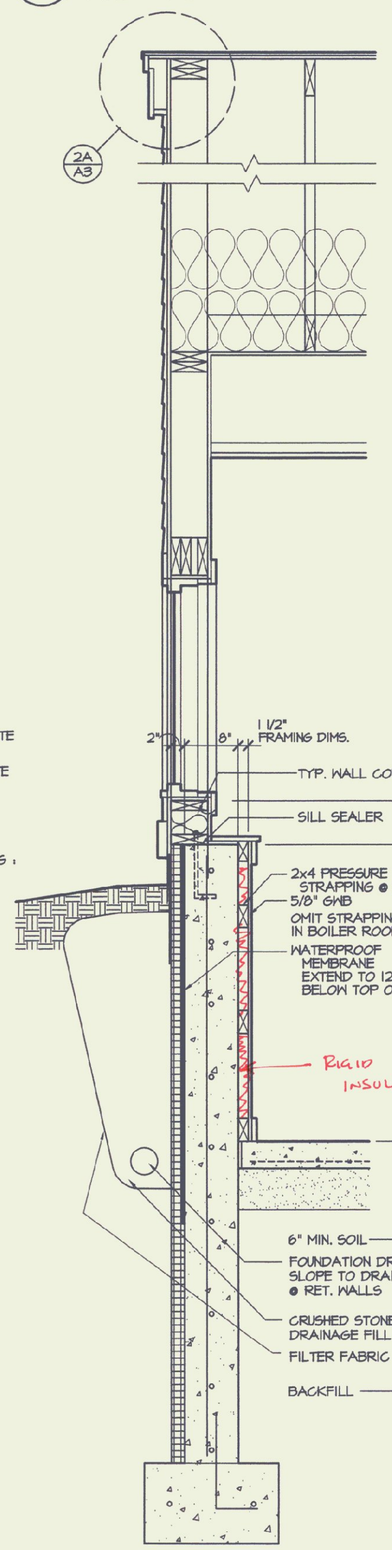
7 DETAIL @ N.E. CORNER
3/4" = 1'-0"



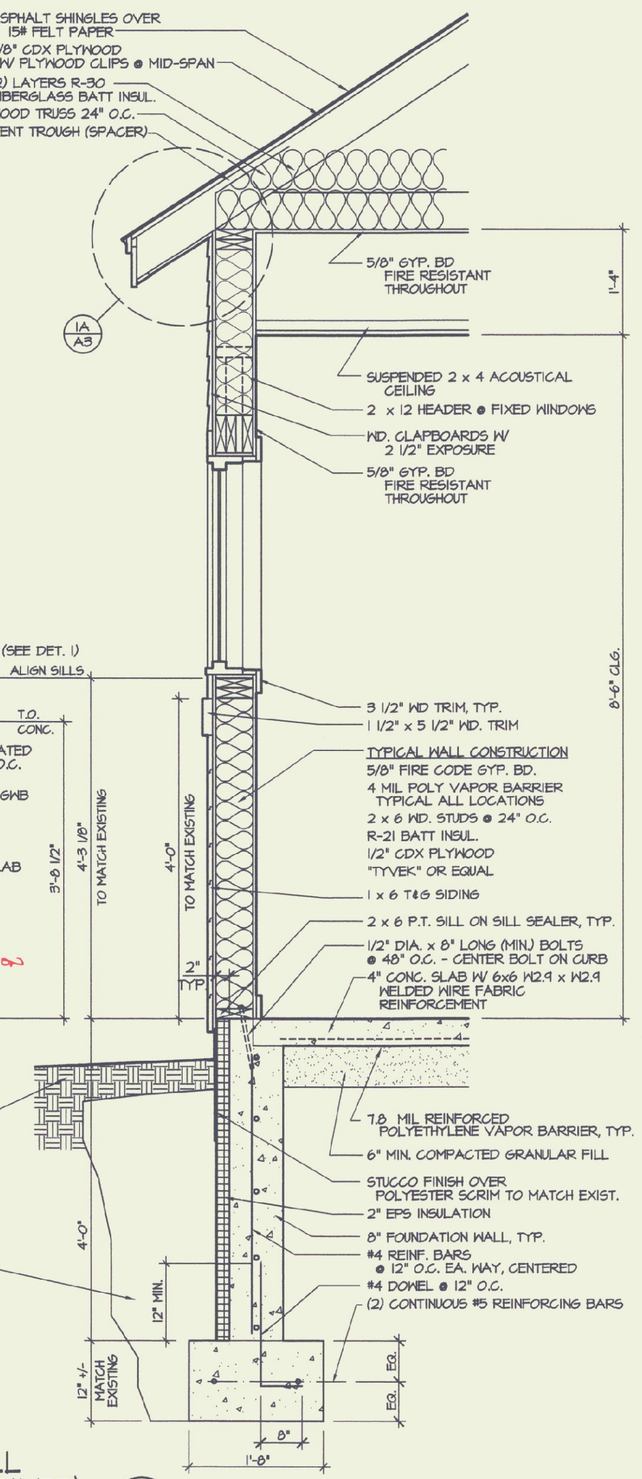
2A TYP. GABLE DETAIL
1 1/2" = 1'-0"



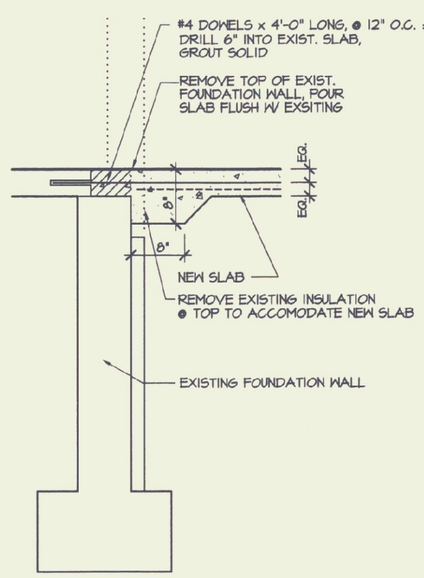
1A TYPICAL EAVE DETAIL
1 1/2" = 1'-0"



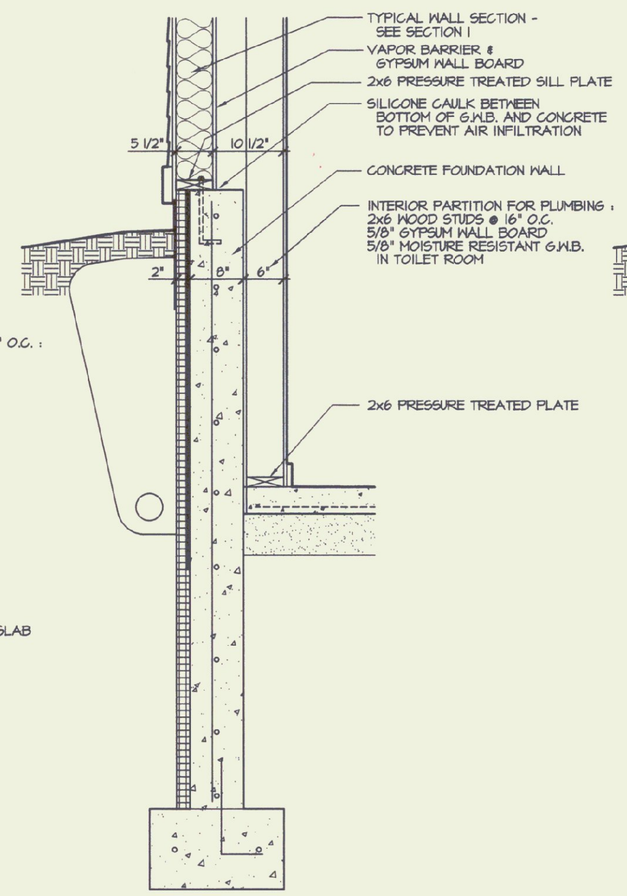
SECTION @ N. WALL
(SIM @ E. WALL TOILET)
3/4" = 1'-0"



1 TYPICAL WALL SECTION
3/4" = 1'-0"



4 SLAB @ EXIST./NEW
3/4" = 1'-0"



3 SECTION @ TOILET ROOM
3/4" = 1'-0"

ERTEL ASSOCIATES ARCHITECTS
15 CENTRAL STREET WOODSTOCK, VERMONT 05091

DEPARTMENT OF MOTOR VEHICLES

RUTLAND, VERMONT

AS-BUILT / /

WALL SECTIONS, ATTIC PLAN

N ACT. N NOM.

JOB #:
CADD #: DMV/A2-1
BY: SPM/CAD

SCALE : AS NOTED
DATE: MAY 2000
REVISIONS:

A3