

ARCHITECTURAL ROOF SHINGLES  
ZIP-SYSTEM 3/8" SHEATHING  
2x10 RAFTERS @ 24" o.c.

RIGID VENT BATTLE  
R-49 SPF INSULATION  
BETWEEN RAFTERS

DRIP EDGE  
1x4 & 1x8 FASCIA  
12" SOFFIT o.h.  
WITH CONT.  
STEP VENT (TYP.)

FIBER-CEMENT SHINGLE SIDING  
ZIP-SYSTEM 1/2" SHEATHING  
2x6 STUDS @ 16" o.c.  
R-20 SPF INSUL.  
(NO ROOF)  
1/2" DRYWALL

CONT. RIDGE VENT AT PEAK (TYP.)  
1 3/4" x 9 1/2" LVL RIDGE  
NON-STRUCTURAL

NOTE: PEAK OF NEW  
ROOF TO MATCH HEIGHT  
AT PEAK OF EXIST. ROOF

NOTE: ALL JOINTS, SEAMS, AND PENETRATIONS AT  
THE BUILDING THERMAL ENVELOPE SHALL BE  
CAULKED OR SEALED TO LIMIT INFILTRATION.

MECHANICAL VENTILATION BY WHOLE HOUSE AIR-  
TO-AIR HEAT EXCHANGER LOCATED IN  
CONDITIONED SPACE - OR - BY PROGRAMMABLE  
BATH FAN LOCATED AT BATHROOM.

1x3 STRAPPING @ 16" o.c.  
1/2" DRYWALL

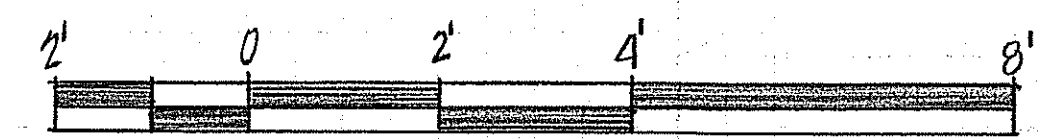
2x8 EXPOSED COLLAR TIES @ 48" o.c.

MASTER BEDROOM

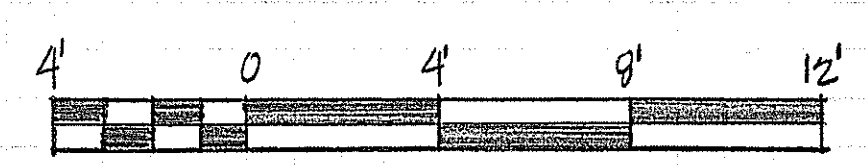
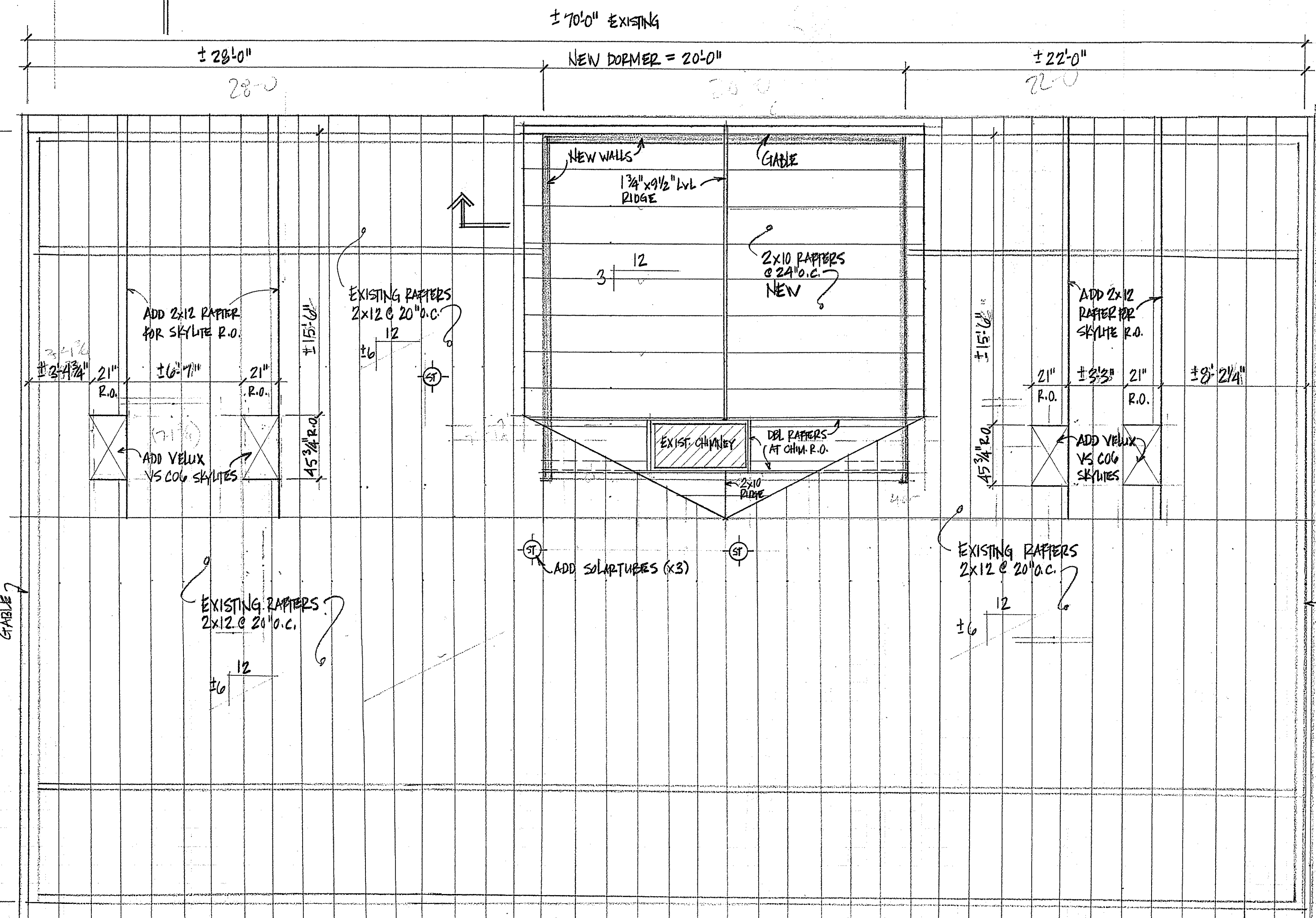
EXISTING FLOOR SYSTEM  
2x10 JOISTS @ 16" o.c.

WALL SECTION AT NEW DORMER

SCALE: 1/2" = 1'-0"



GRAPHIC SCALE  
1/2" = 1'-0"



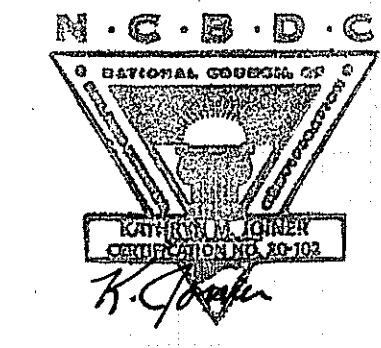
GRAPHIC SCALE  
1/4" = 1'-0"

ROOF NOTES:

- 1) DESIGN LOAD: GROUND SNOW LOAD = SIXTY PSF.
- 2) INSTALL WATERPROOF MEMBRANE AT VALLEYS AND ALONG EAVES.
- 3) ROOF OVERHANGS = +/- 6" GABLE AND 12" SOFFIT.
- 4) SEE BUILDING SECTIONS SHEETS 4 & 5 FOR ADDITIONAL INFORMATION.

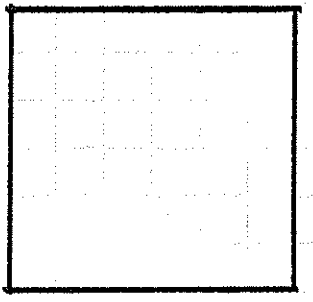
ROOF FRAMING PLAN

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



NOTE: THE BUILDING CONTRACTOR IS RESPONSIBLE FOR ENSURING  
STRUCTURAL INTEGRITY AND CODE COMPLIANCE.

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NEW GLOUCESTER, MAINE  
(207) 838-0528

PROJECT:  
**BYRNES RENOVATION**  
45 BROOKSIDE ROAD  
PORTLAND, MAINE

TITLE:  
WALL SECTION AT DORMER &  
ROOF FRAMING PLAN

DATE: 5-24-14

DR. BY: KMJ

SCALE: AS SHOWN

JOB#: D-423

SHEET:  
5 OF 5