

BRADY
ADDITION PLANS
COLUMBIA COUNTY, FL

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M.C. G.M.
2-9-14

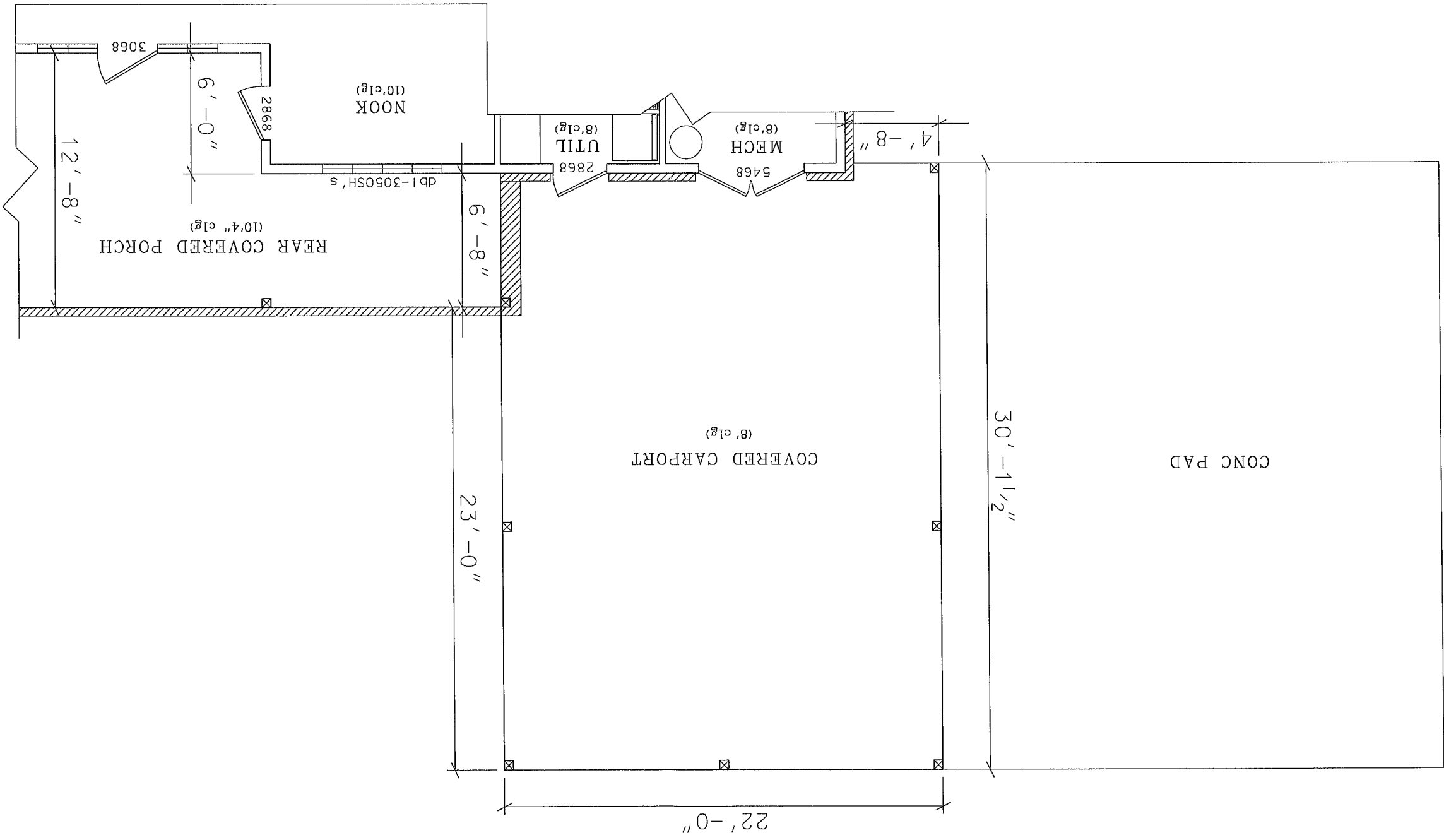
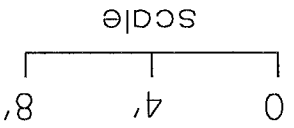
BRADY ADDITION PLANS
COLUMBIA COUNTY, FLORIDA

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071



FLOOR PLAN

(existing)



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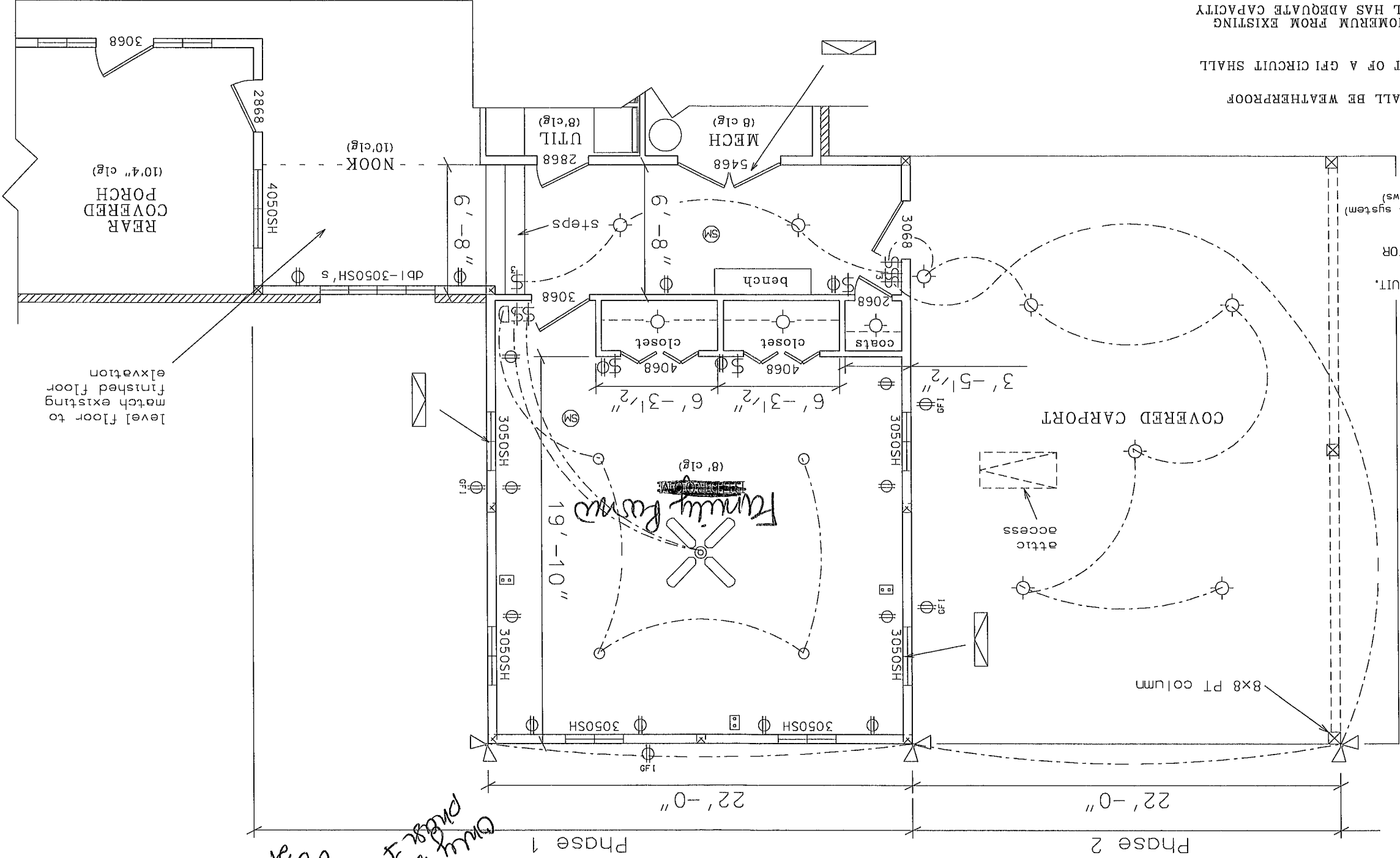


ELECTRICAL LEGEND

- ⊗ - CEILING FAN w LIGHTS
- ⊕ - LIGHT FIXTURE
- \$ - SINGLE POLE SWITCH
- § - THREE-WAY SWITCH
- D - DIMMER SWITCH
- - RECESSED CAN LIGHT FIXTURE
- ▽ - SECURITY LIGHT
- ☐ - TELEPHONE AND COAX
- ⊕ - RECEPT.
- ⊕ - GFI RECEPT OR PART OF A GFI CIRCUIT.
- ⊕ - SMOKE & CARBON MONOXID DETECTOR (AC/DC and interconnected)
- ⊕ - AC INTERNAL AIR HANDLER(ductless system) (mounted above doors and windows) (install recept at each location)

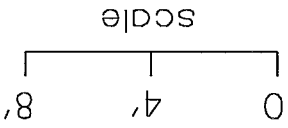
NOTES:

- 1) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF
- 2) ALL RECEPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT
- 3) ALL NEW CIRCUITS SHALL BE HOMERUN FROM EXISTING SERVICE PANEL IN HOME (PANEL HAS ADEQUATE CAPACITY FOR THIS ADDITION)



(proposed)

FLOOR PLAN



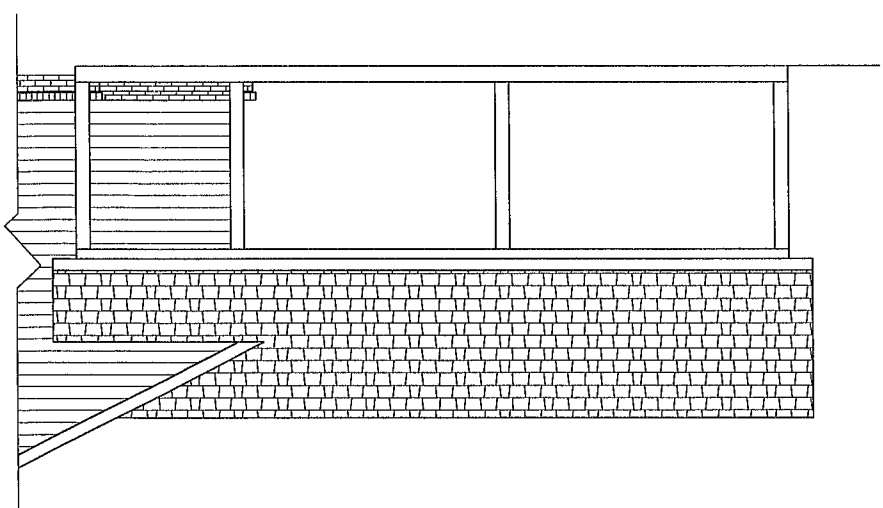
living area addition = 732 sqft
porch area reduction = 80 sqft

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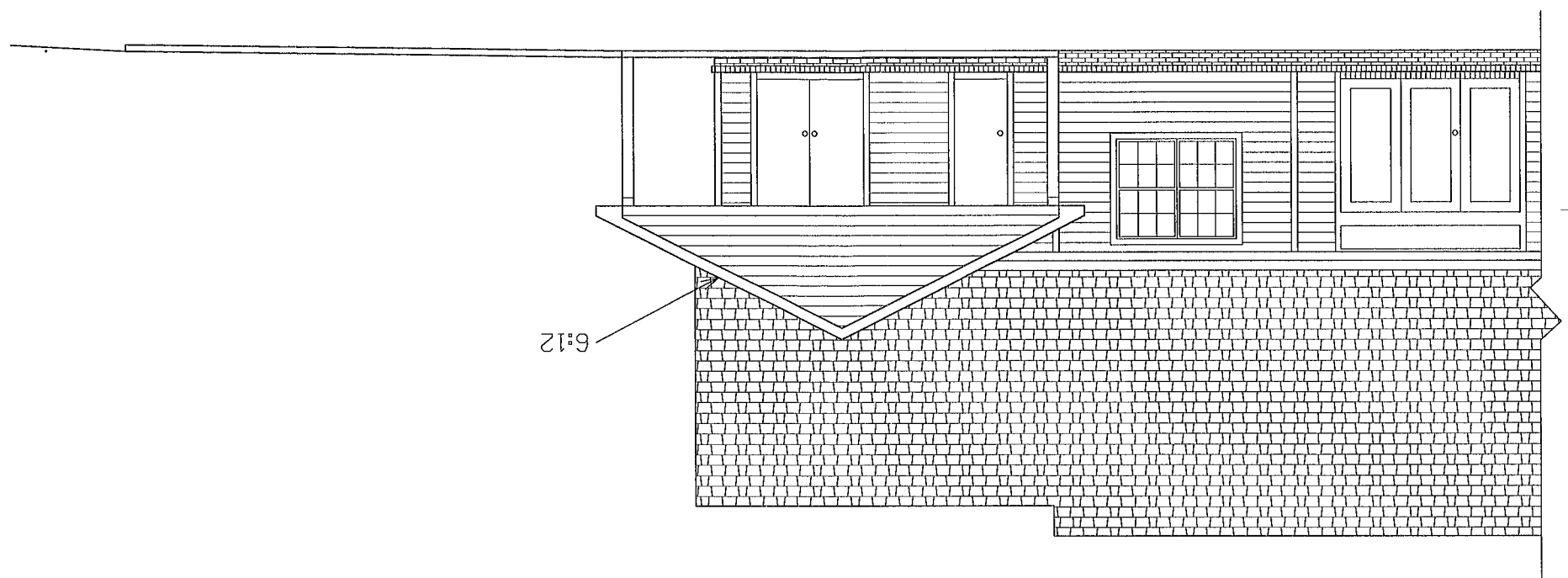
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only build 1 circuit
also
2/18/14

LEFT ELEVATION (existing)

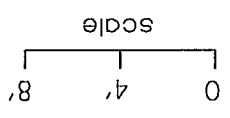


6:12



REAR ELEVATION (existing)

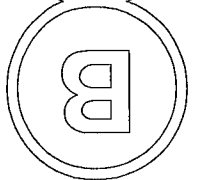
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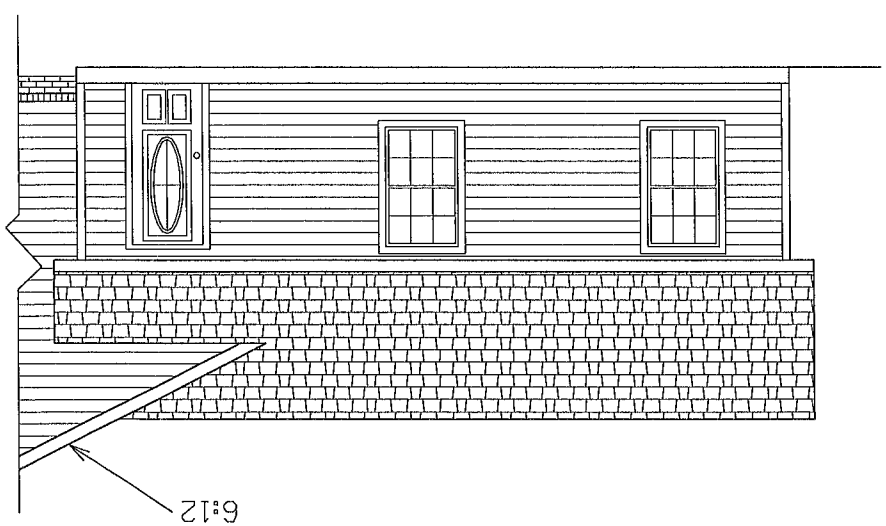


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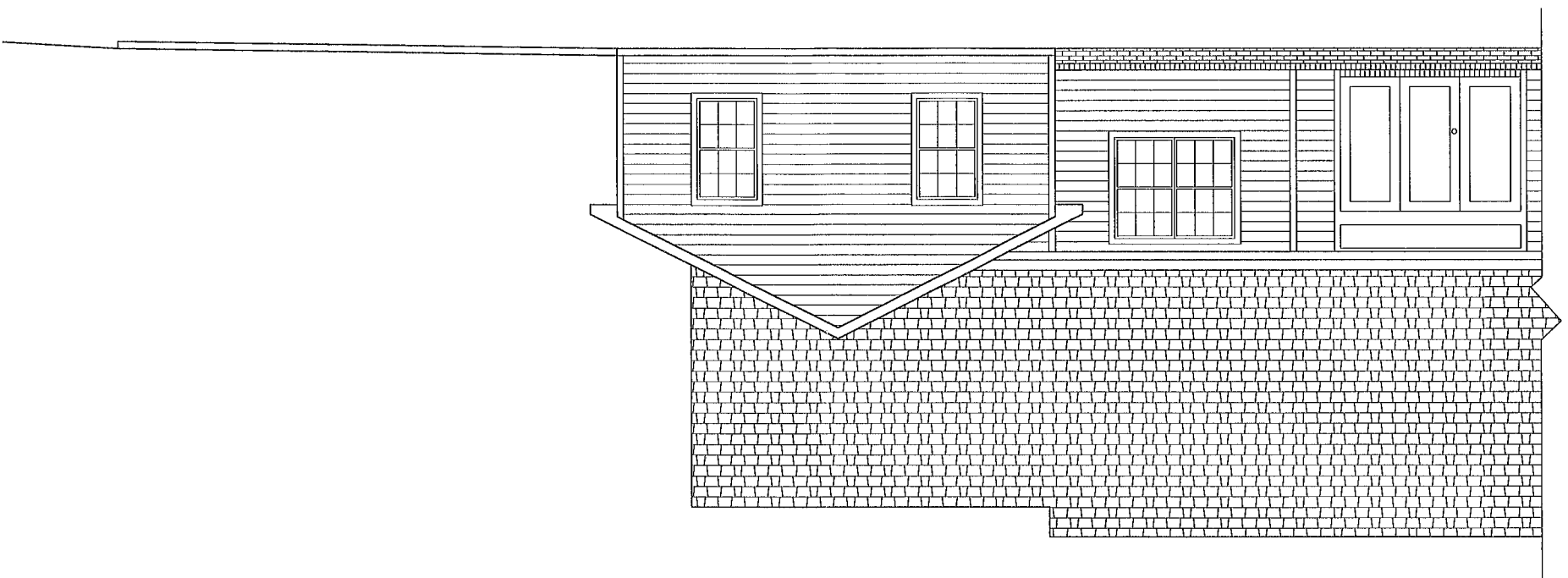
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SHEET
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LEFT ELEVATION (proposed-Phase I)



REAR ELEVATION (proposed-Phase I)

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2-9-14

scale
0 4' 8'

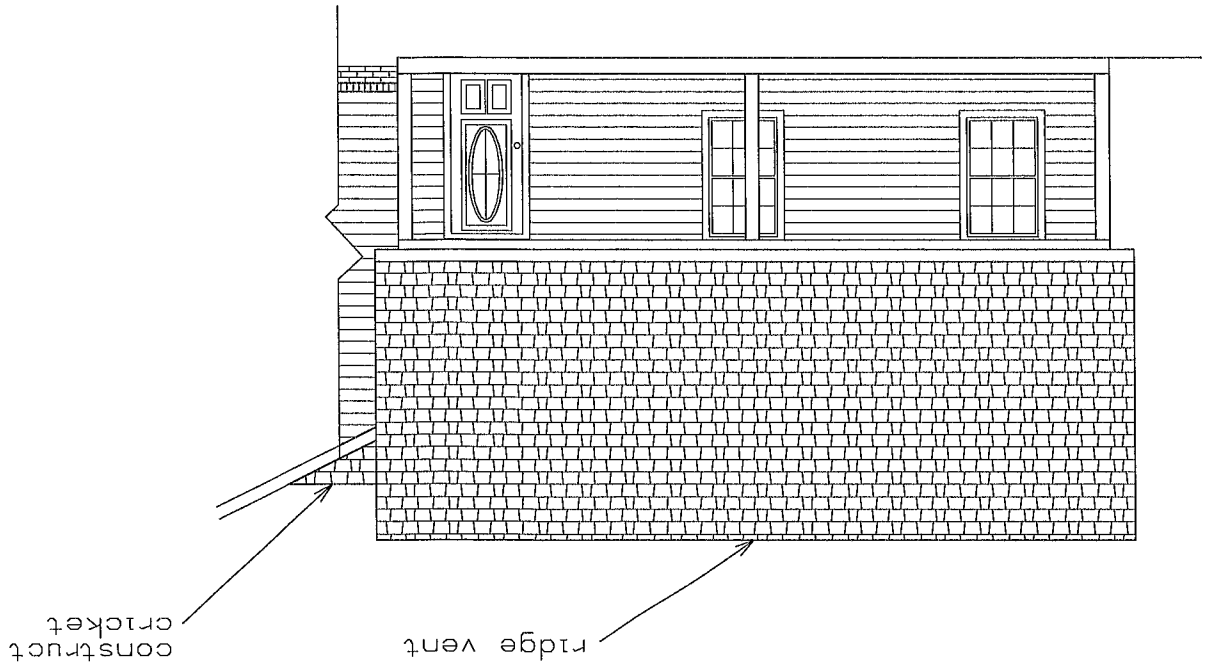
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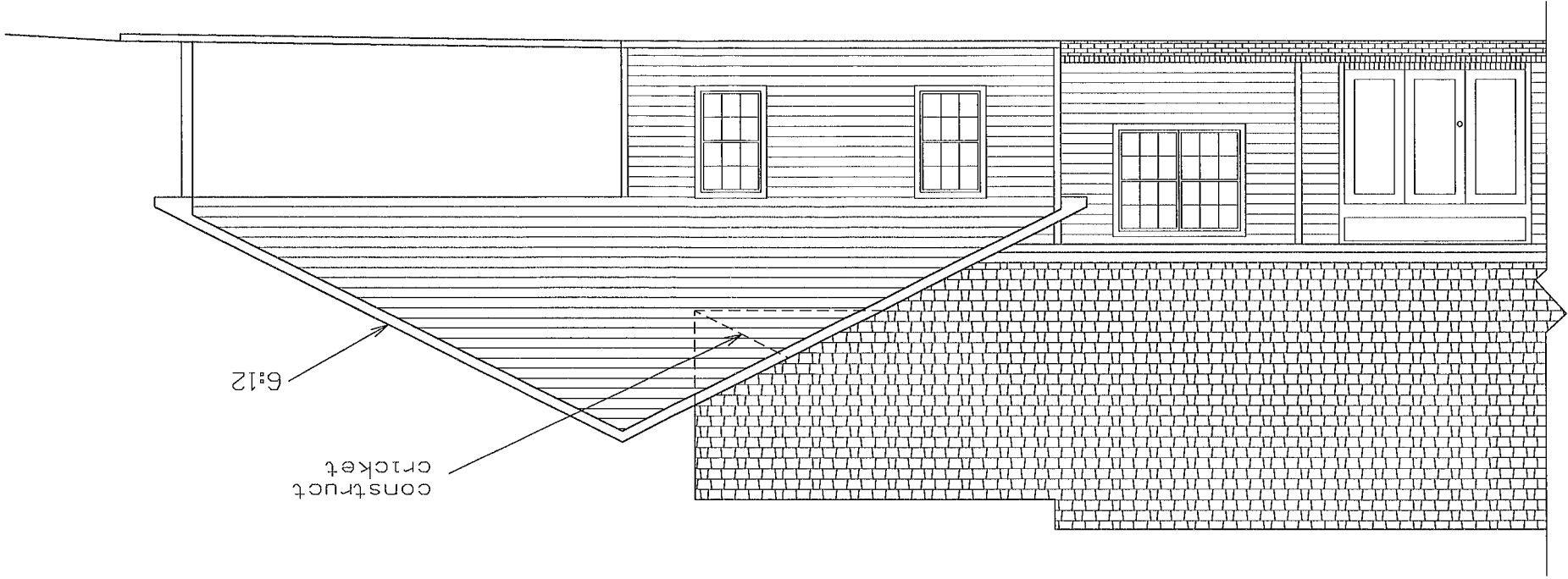
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LEFT ELEVATION (proposed-Phase II)



REAR ELEVATION (proposed-Phase II)



Scale
0 4' 8'

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SHEET
6 OF
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STRAPPING AND ANCHOR REQUIREMENTS

(Designed in accordance with the 2010 FBC)

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 120 mph Vult.

Importance Factor = 1.0

Exposure Category = B

Residential Occupancy = Group R3

Mean Roof Height = 16'

Height and Exposure Adjustment Coefficient = 1.0

Roof Cross Slope = 6:12

Wall Height = 10'

Risk Category = II

Component and Cladding Pressures = Roof(Zone 1=14.9,-23.7, Zone 2=14.9,-41.3, Zone 3=14.9,-61.0), Wall(Zone 4=25.9,-28.1, Zone 5=25.9,-34.7)(units are psf)

WALL STRAP TIES & NAILING PATTERNS:

(See Typical)

SHEATHING:

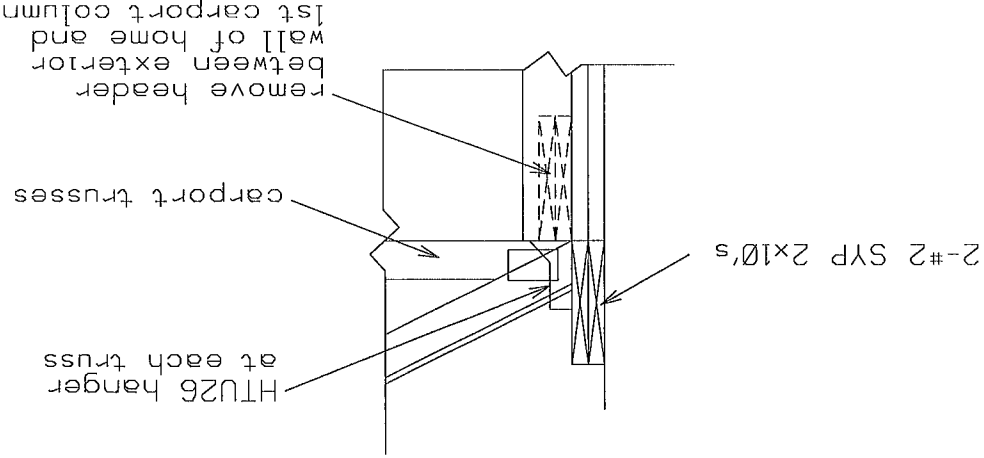
Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

HEADERS:

Where exterior wall between existing Nook and porch is removed install 3-#2 SYP 2x10's between walls connected to walls with Simpson HUC210-3 hangers and connect trusses to header with Simpson H10A clip. Wrap header with rough-cut pine for finish.

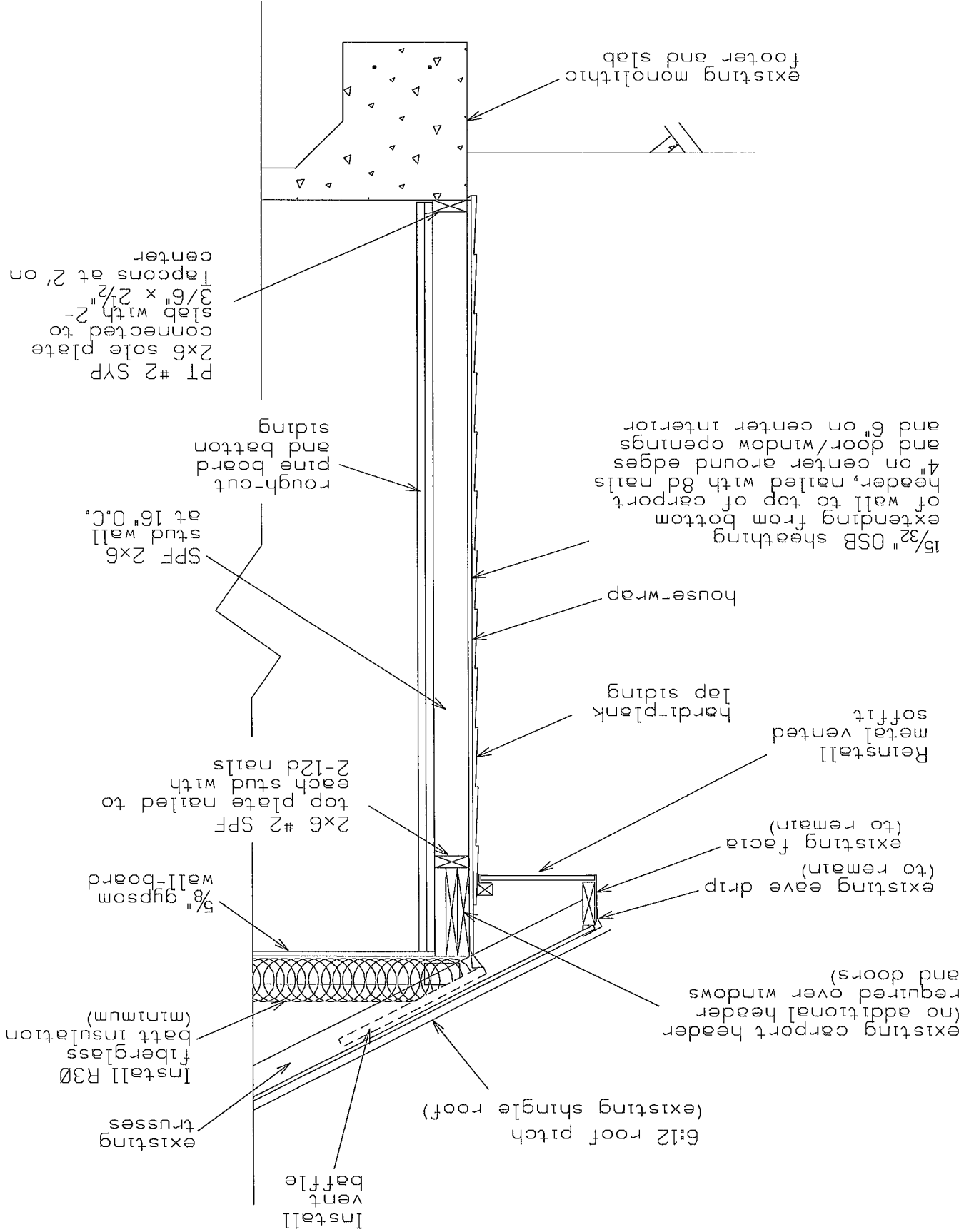
Remove carport header at porch and install header above as shown in detail below. Header shall be framed into new exterior wall and connected to existing wall with Simpson HUC210-2 hanger. Connect carport trusses to new header with Simpson HTU26 hanger.

Install 2x4 shoring wall temporarily under trusses while installing new headers.



HEADER DETAIL AT PORCH(N.T.S.)

mt 5.7.22
2-9-14



PHASE I - WALL TYPICAL(N.T.S.)

Note: Builder shall field verify existing dimensions and roof pitch.
Note: Framing for new Nook area shall be framed similar and PT 1x installed inside of wall prior to pouring leveling concrete

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3'x3'x2'6" deep
concrete footer
w 5-#5 rebar mat
(3000 psi conc.)

8x8 #2 SYP PT column
connected to footer with
Simpson CB88 and to header
with Simpson EC88 for
middle column

4-#2 SYP 2x12's nailed
on center average
with 3-12d nails 10" on

Install metal
eave drip, fascia and
vented soffit
(match existing)

Install 2 Simpson H2.5A
clips at each truss to
header bearing point

Install shingles over felt
(match existing)

15/32" OSB or CDX plywood
nailed with 8d ring-shank
nails 6" on center

PHASE II - TYPICAL(N.T.S.)

Note: Builder shall field verify existing dimensions and roof pitch.

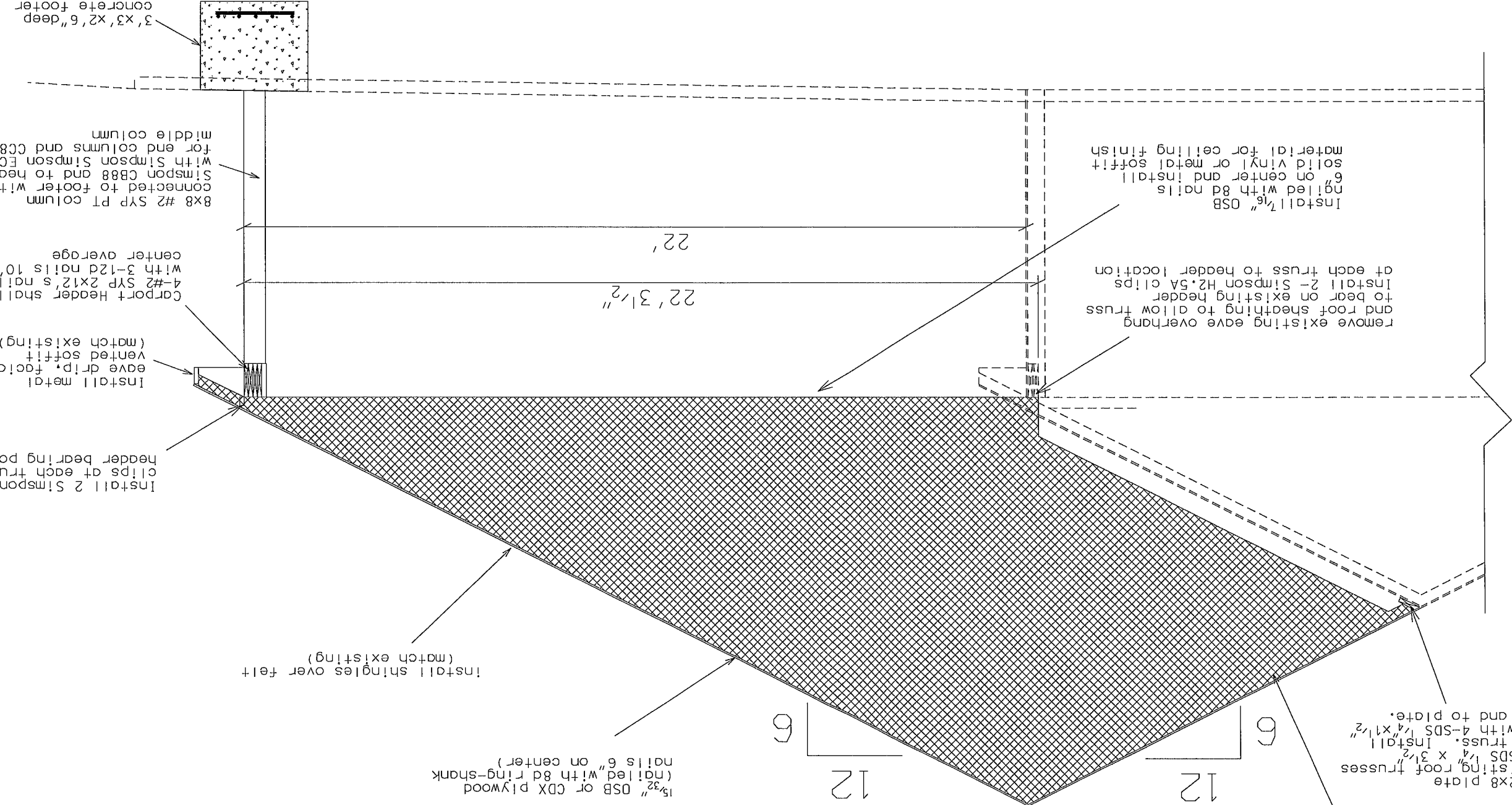
Install 1/6" OSB
nailed with 8d nails
6" on center and install
solid vinyl or metal soffit
material for ceiling finish

remove existing eave overhang
and roof sheathing to allow truss
to bear on existing header
Install 2- Simpson H2.5A clips
at each truss to header location

Install #2 SYP 2x8 plate
connected to existing roof trusses
with 3 Simpson SDS 1/4" x 3 1/2"
screws at each truss. Install
Simpson HGAM10 with 4-SDS 1/4" x 1 1/2"
screws to truss and to plate.

2x pre-engineered
trusses 2' on center

Install ridge vent



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NOTE: Gable end trusses shall be constructed dropped $3\frac{1}{2}$ " for construction of lookouts & overhang with vertical members 2' on center to receive sheathing.

GABLE END BRACING
DETAIL (N.T.S.)

