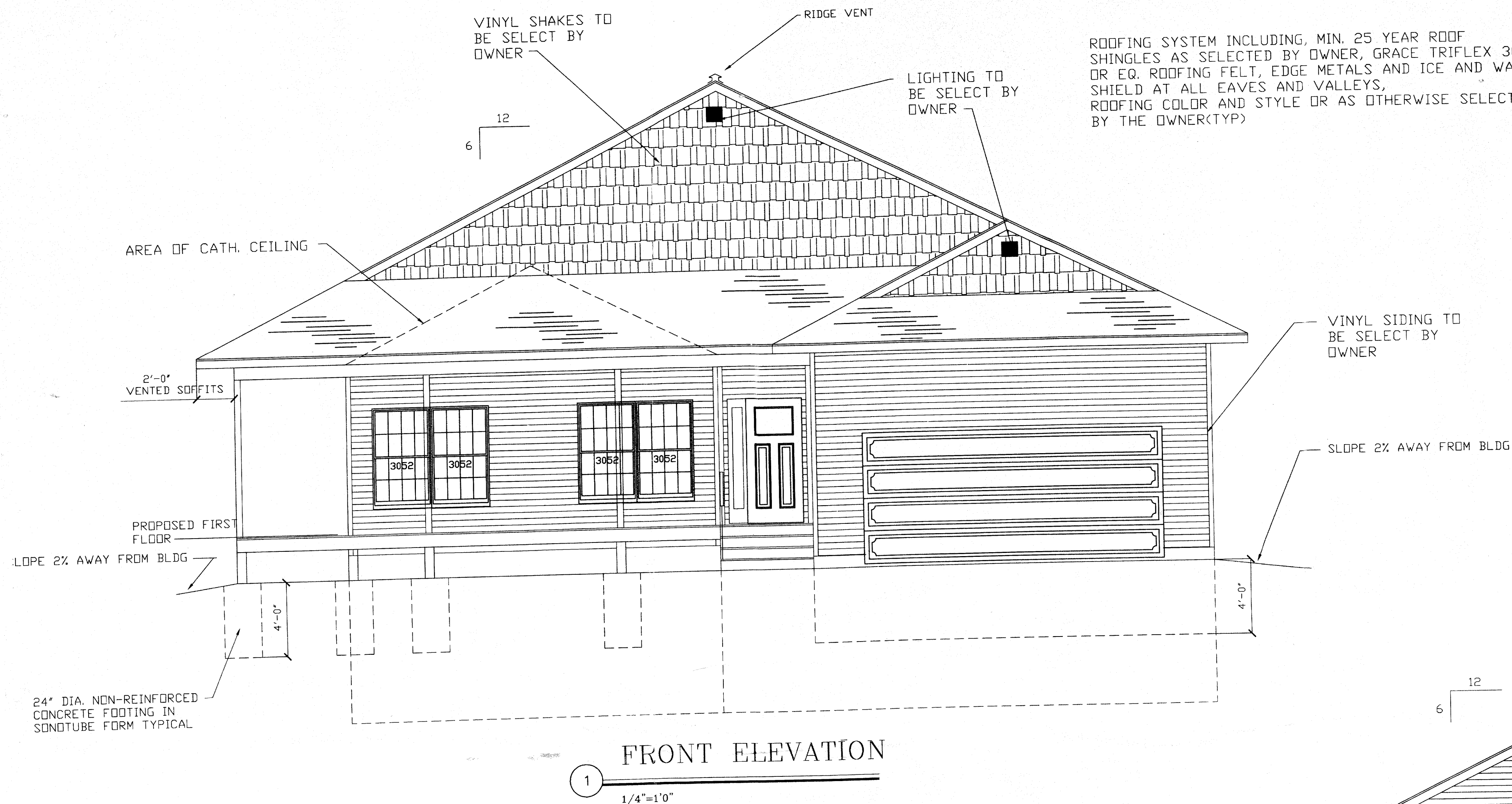


ROOFING SYSTEM INCLUDING, MIN. 25 YEAR ROOF SHINGLES AS SELECTED BY OWNER, GRACE TRIFLEX 30 OR EQ. ROOFING FELT, EDGE METALS AND ICE AND WATER SHIELD AT ALL EAVES AND VALLEYS, ROOFING COLOR AND STYLE OR AS OTHERWISE SELECTED BY THE OWNER(TYP)

DESIGN LOADS:

Roof Loads Live Load 40 Ib/SF of Ground Snow Load
Dead Load 20 Ib/SF
First Floor Loads Live Load 40 Ib/SF
Dead Load 10 Ib/SF

Assumed Soil Compaction #2000psi
Framing Studs to be of Spruce Pine fir #2 Lumber
Rafters and Floor Joist to be of Hem Fir #2



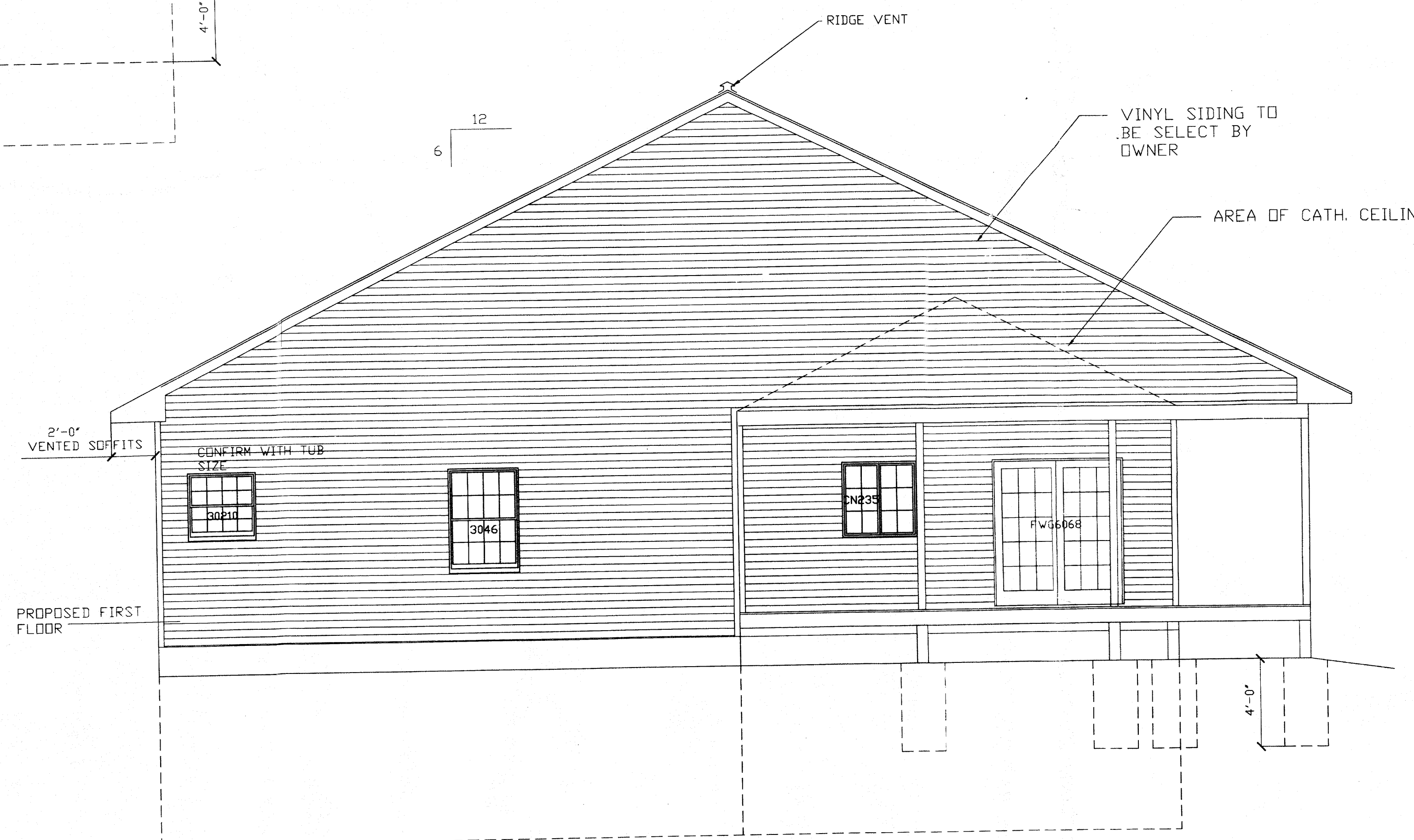
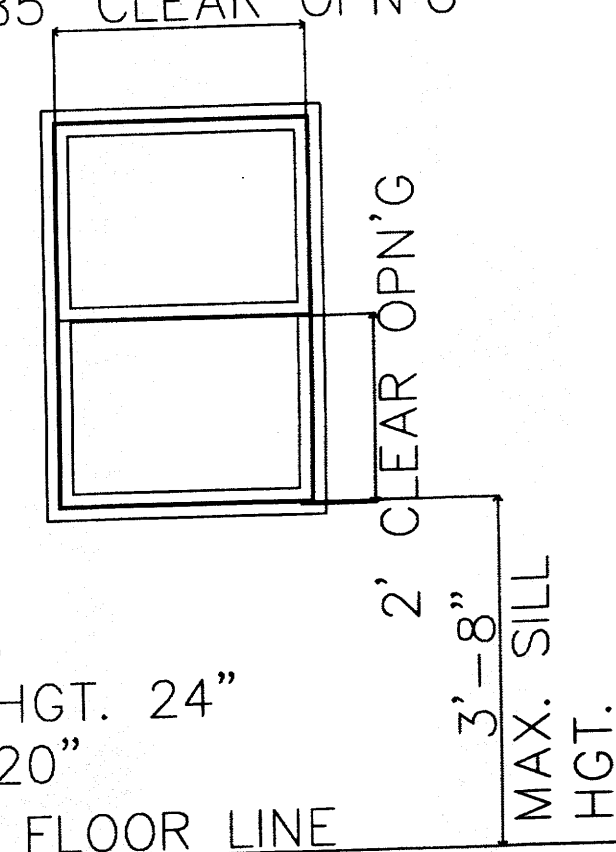
FRONT ELEVATION

1
1/4"=1'0"

ATTIC VENTING NOTE,
PROVIDE SOFFIT AND RIDGE VENTS WITH COMBINED AREA
OF VENTS TO PROVIDE 1 1/2 S.I. OF FREE VENT AREA FOR
EACH 1 S.F. OF BUILDING FOOTPRINT AREA (MIN.) 60% OF
VENTILATION PROVIDES BY SOFFIT VENT. IN ACCORDANCE
WITH THE BOCA BUILDING CODE. (TYPICAL)

MIN. WINDOW SIZE
GLASS AREA: 8%
OF FLOOR AREA IN
ROOM
2.85' CLEAR OPN'G

VENTILATION AREA
4% OF FLOOR AREA
IN ROOM
MIN. CLEAR
OPNG 5.7
SQ. FT. ABOVE
GRADE WINDOWS
OPNG 5 SQ. FT.
AT GRADE WINDOWS
OPN'G MIN. CLEAR HGT. 24"
MIN. CLEAR WIDTH 20"



REAR ELEVATION

1
1/4"=1'0"

WINDOWS - MINIMUM SIZES

Elevations

BOWERMAN RESIDENCE
3181 ROUTE 5@20
TOWN OF HOPEWELL

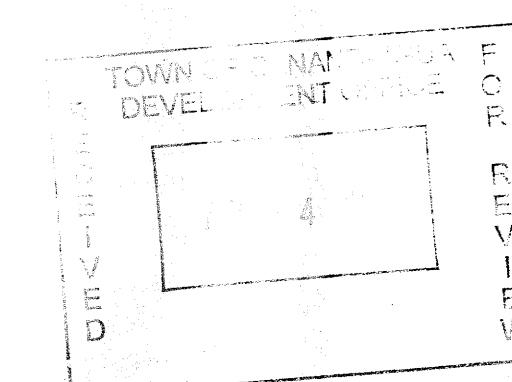
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REVISIONS

JOB #

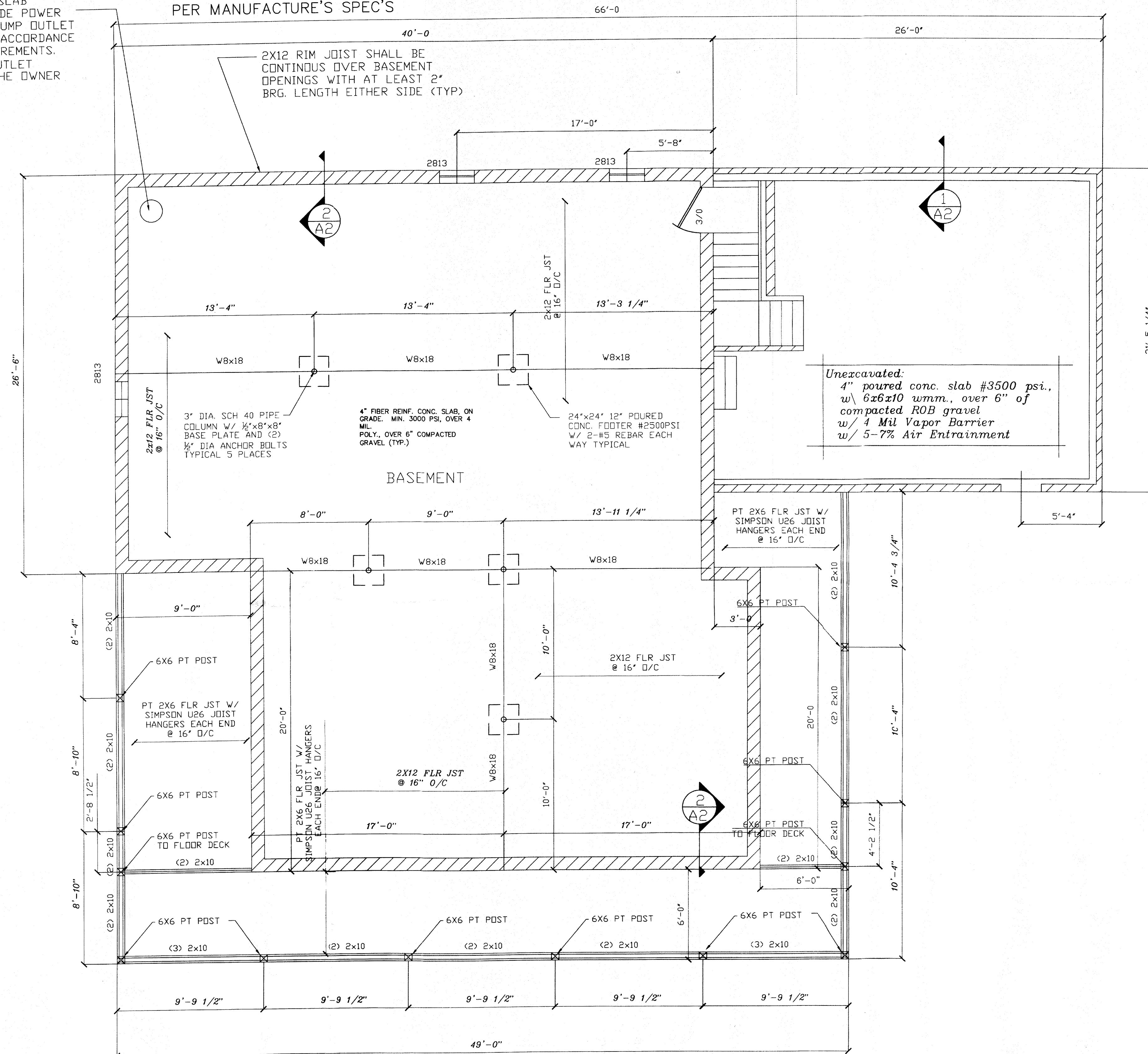
SHEET #

A1



PROVIDE 1'-6"DIA. DRAINAGE CROCK, CONNECT TO 4" UNDERSLAB DRAINAGE TILE, PROVIDE POWER FOR PUMP & EXTEND PUMP OUTLET PIPE TO DAYLIGHT IN ACCORDANCE WITH PUMP MFR. REQUIREMENTS. COORDINATE CROCK, OUTLET AND DAYLIGHT WITH THE OWNER

FLOOR JOIST BLOCKING FOR JOIST PARALLEL TO SUPERIOR WALL PANELS PER MANUFACTURE'S SPEC'S



Unexcavated:
4" poured conc. slab #3500 psi.,
w/ 6x6x10 wmm., over 6" of
compacted ROB gravel
w/ 4 Mil Vapor Barrier
w/ 5-7% Air Entrainment

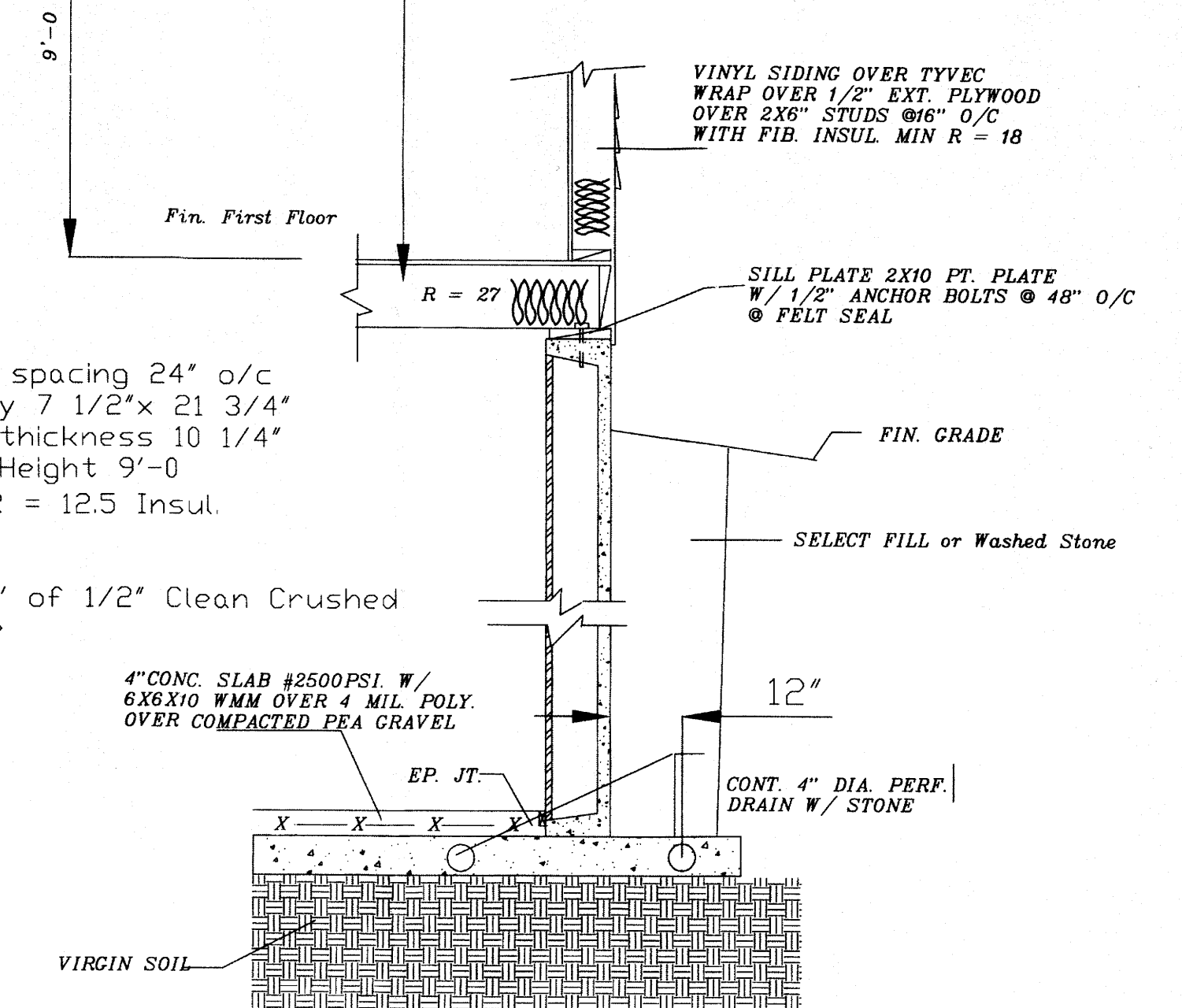
BASEMENT

SUPERIOR WALL FOUNDATION PLAN

1
1/4"=1'0"

MASONRY OPENING SIZES NOTE:
COORDINATE MASONRY OPENING WITH RECOMMENDED WINDOW & DOOR MFR. ATTACHMENT METHODS. PROVIDE A HORIZONTAL M.O. LARGER THAN THE SCHEDULED R.O.'S TO INCORPORATE NOM. 2" PR. TR. WOOD BLKS. AT JAMBS, UNLESS OTHERWISE RECOMMENDED BY WINDOW & DOOR MFRS. (TYP.)

FLOOR COVER'G OVER 3/4" THK T&G PLYWOOD OVER 2x12 FLR JST @ 16" o/c BRIDGED @3RD PTS.

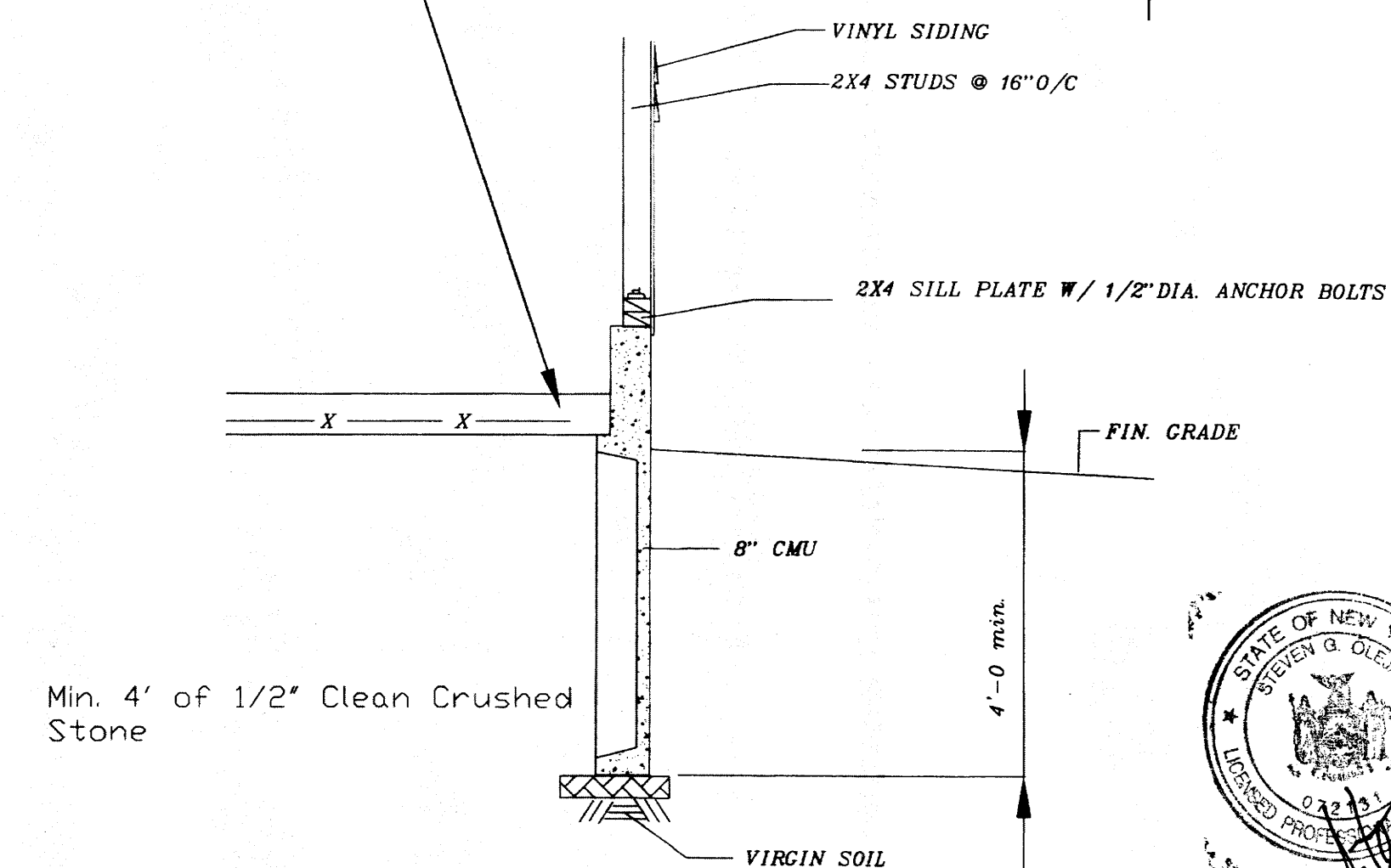


Stud spacing 24" o/c
Cavity 7 1/2"x 21 3/4"
Wall thickness 10 1/4"
Wall Height 9'-0"
Min. R = 12.5 Insul.

Min. 4' of 1/2" Clean Crushed Stone

TYP. SUPERIOR WALL SECTION 1/A2
NTS

Unexcavated:
4" poured conc. slab #3500 psi.,
w/ 6x6x10 wmm., over 6" of
compacted ROB gravel
w/ 4 Mil Vapor Barrier
w/ 5-7% Air Entrainment



Min. 4' of 1/2" Clean Crushed Stone

TYP. SUPERIOR WALL SECTION 2/A2
@ GARAGE
NTS

Elevations

BOWERMAN-RESIDENCE
3181 ROUTE 5@20
TOWN OF HOPEWELL

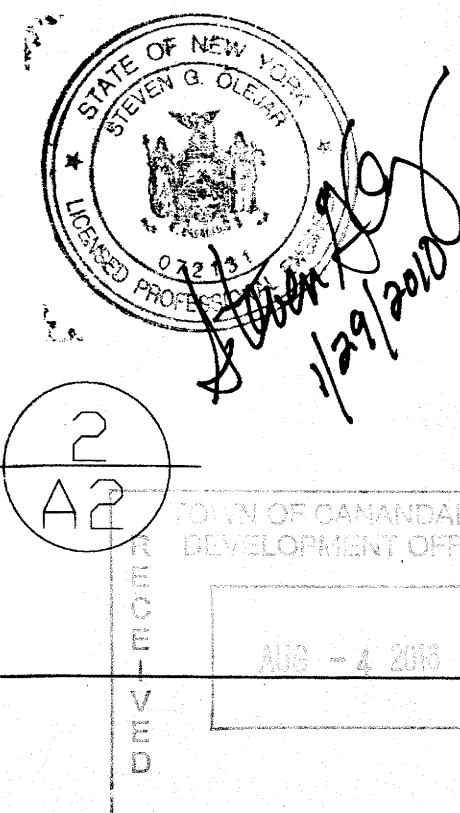
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REVISIONS

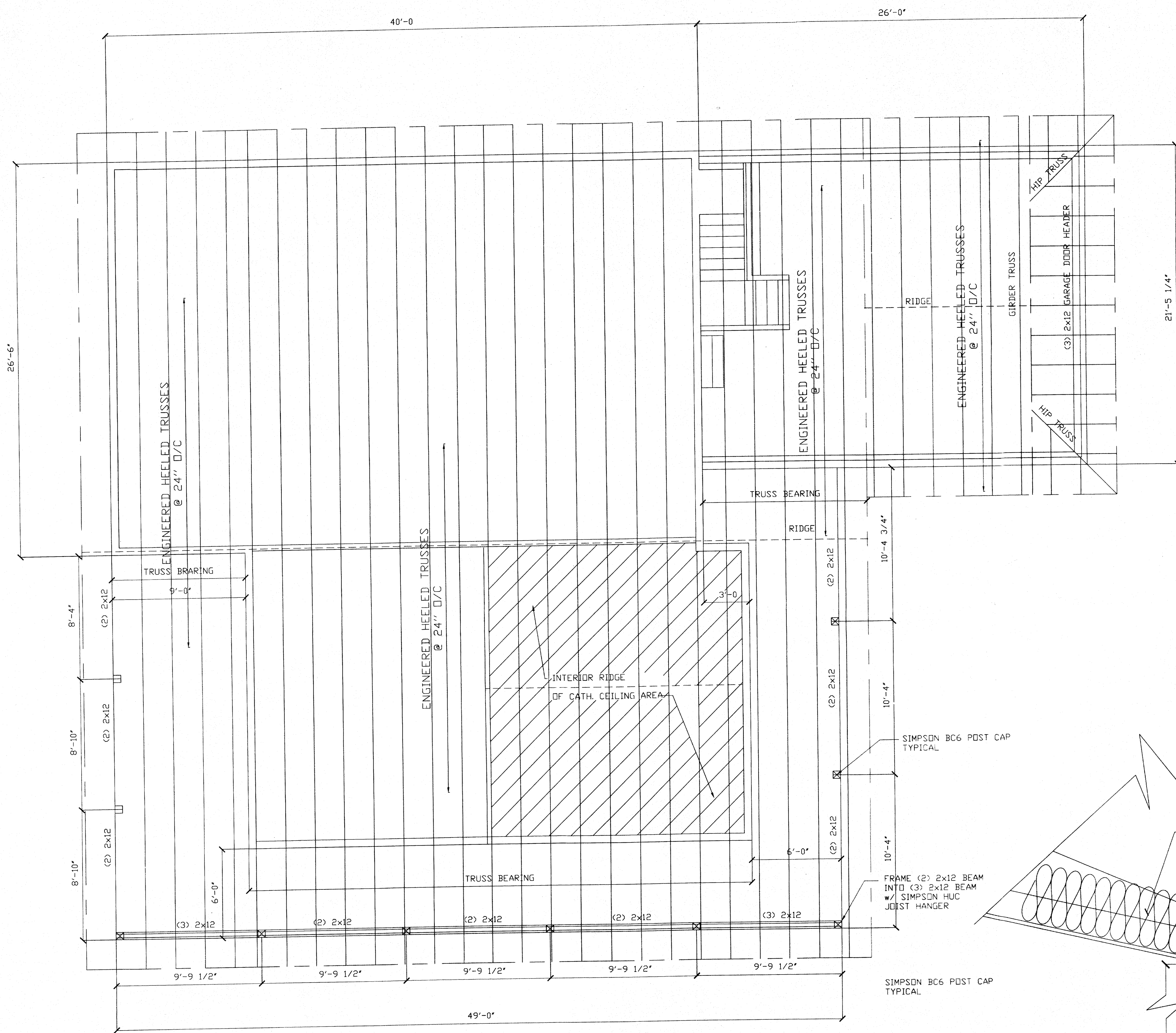
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SHEET #

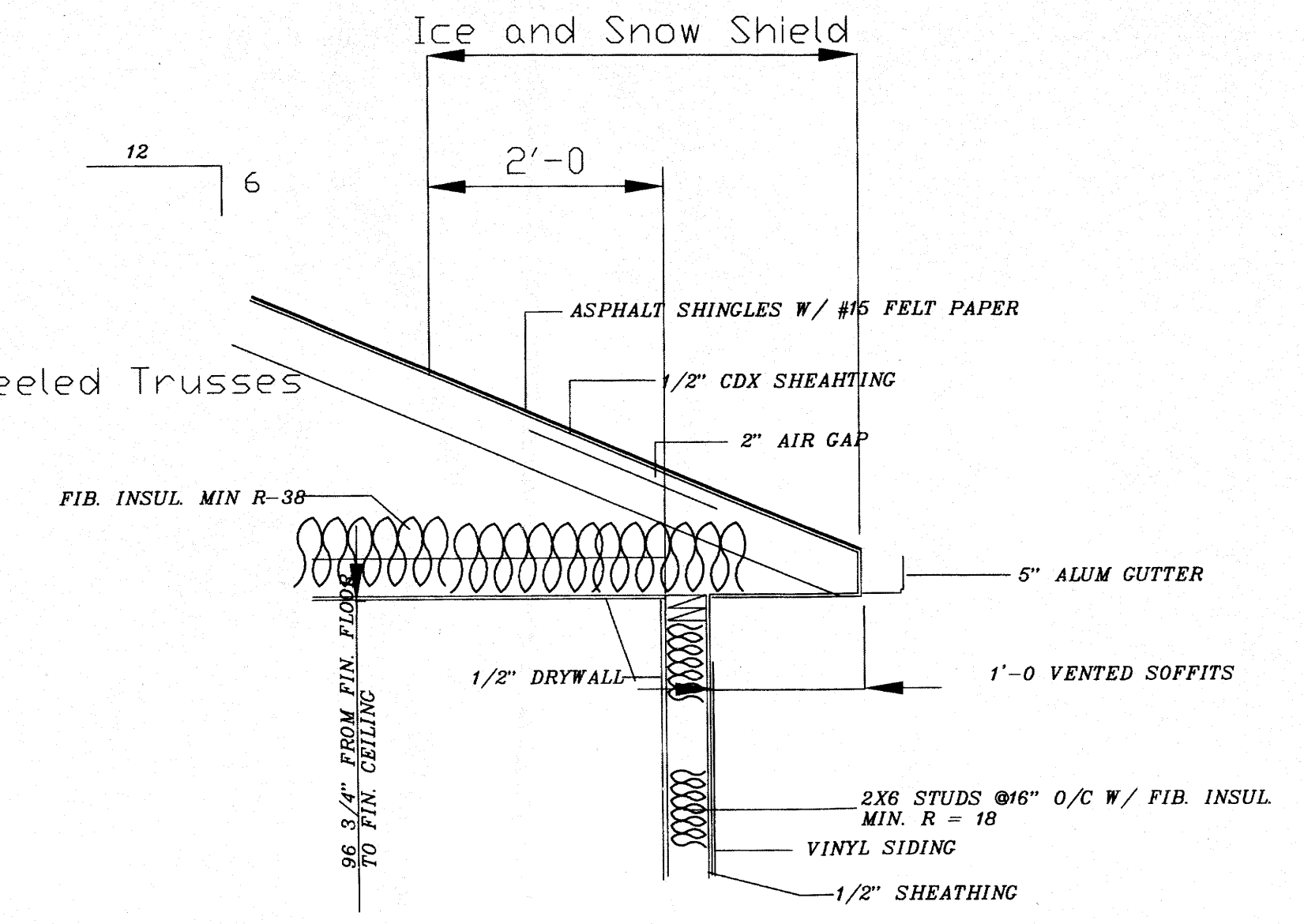
A2



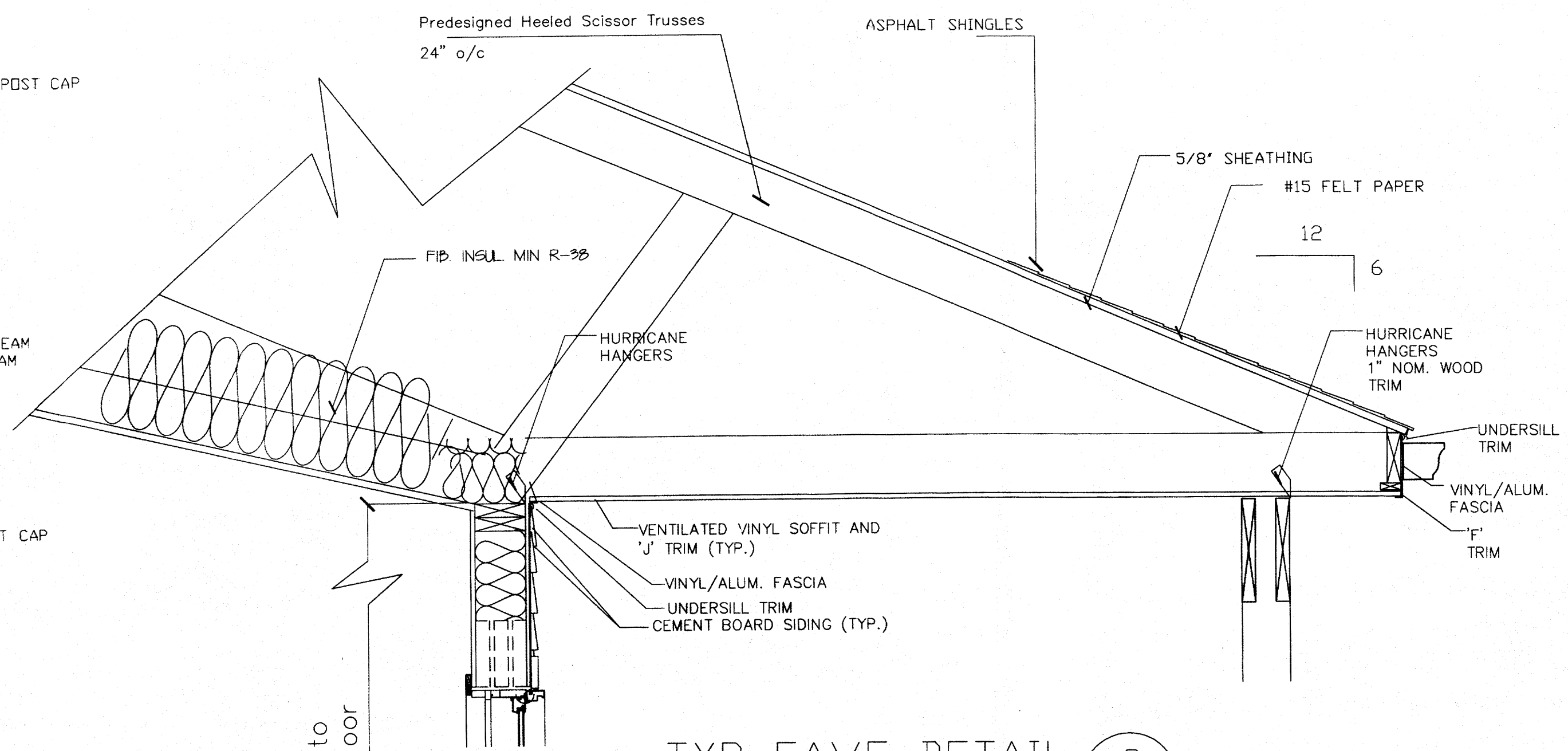
A3



Pre-designed Heeled Trusses
24" o/c



TYP. EAVE DETAIL 4
NTS A4



TYP EAVE DETAIL 3
NTS A4

All Building Trusses shall be designed and certified by a Professional Engineer Licensed in the State of New York, The Manufacture shall submit load calculations, fabrication details and certification for Engineers Approval prior to installation

FOUNDATION PLAN
BOWERMAN RESIDENCE
3181 ROUTE 5@20
TOWN OF HOPEWELL

DATE: 01/10/10
DSGN: —
DRN: —
CHKD: —

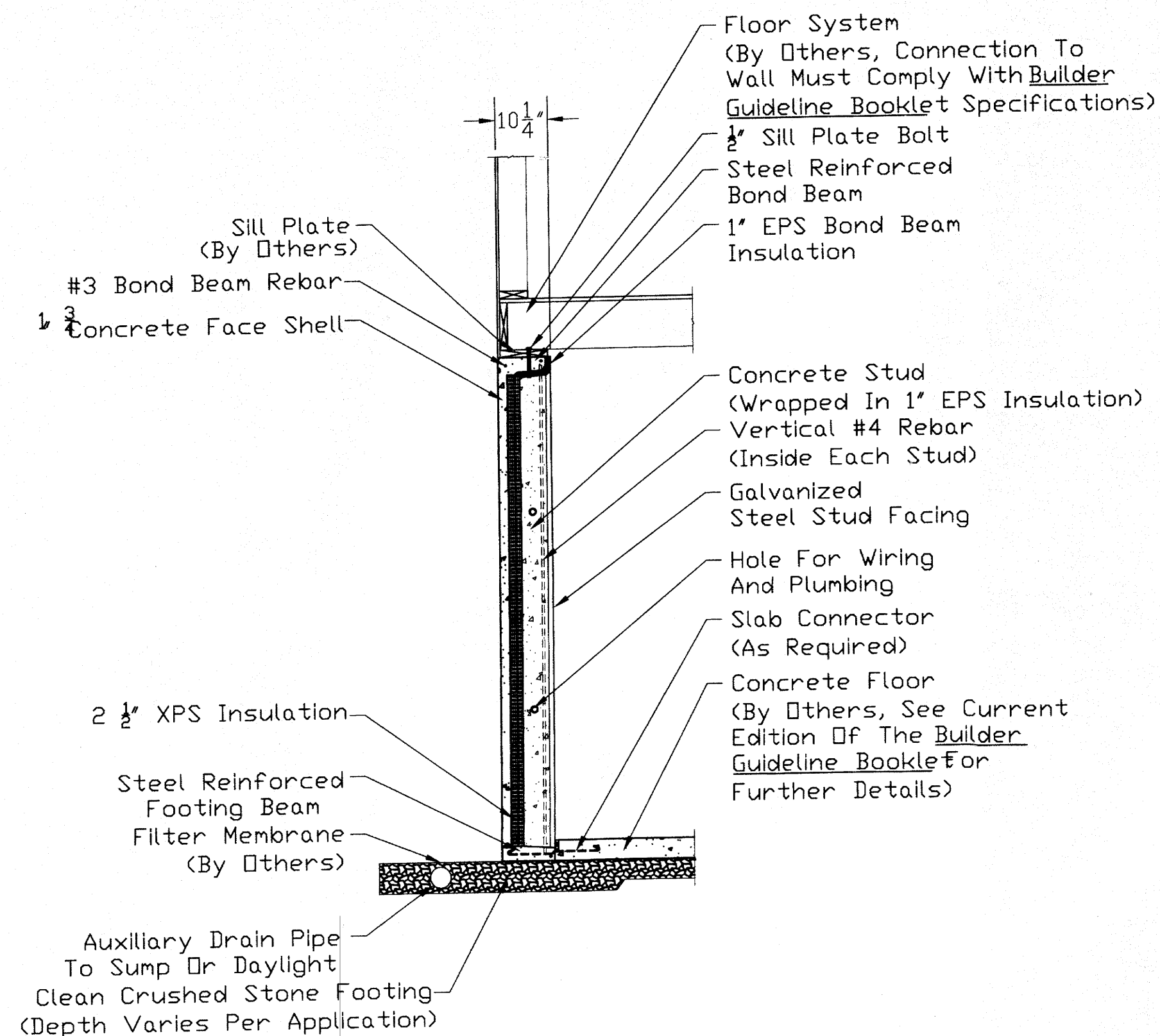
REVISIONS

JOB # —

SHEET #

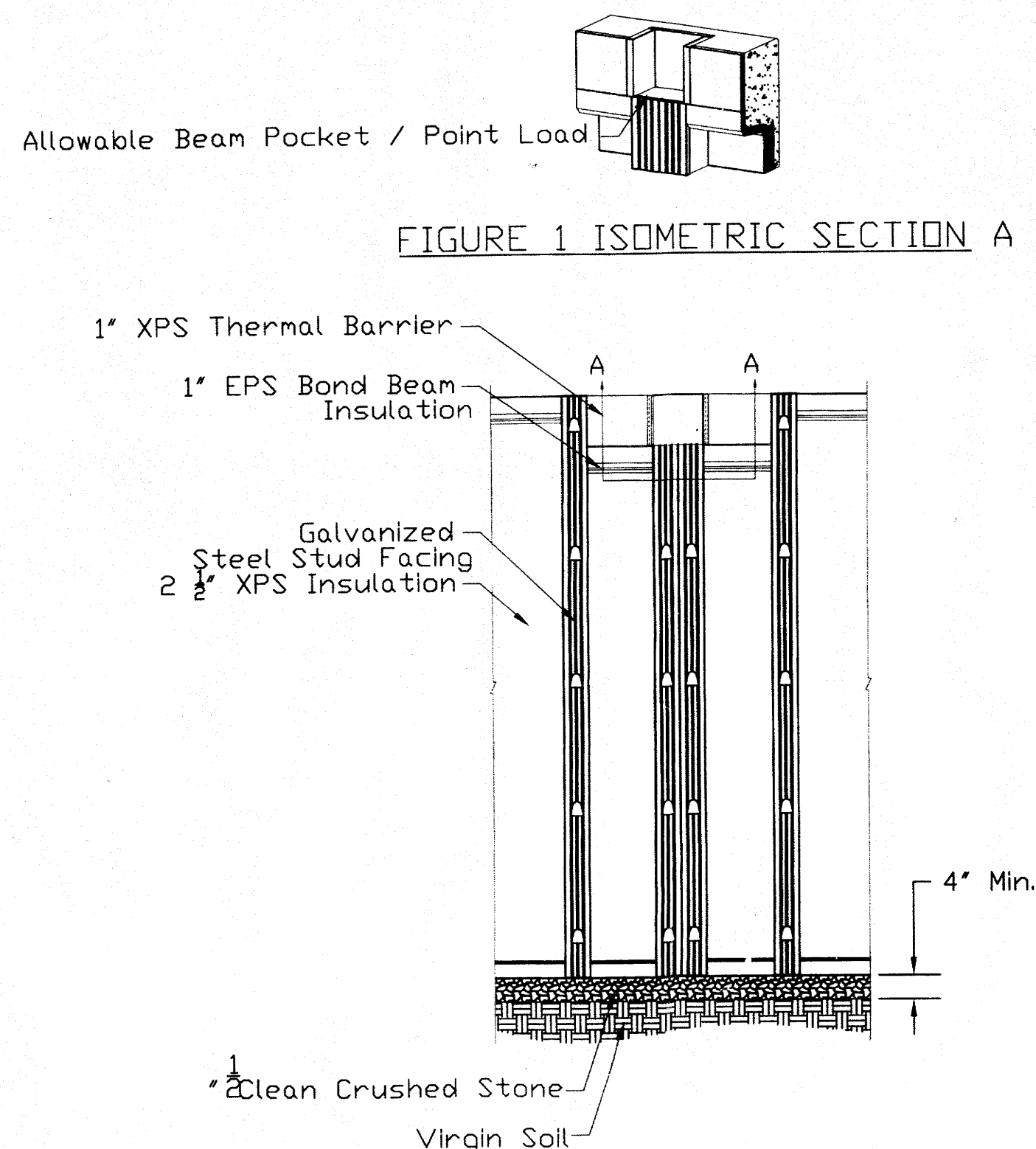
A4





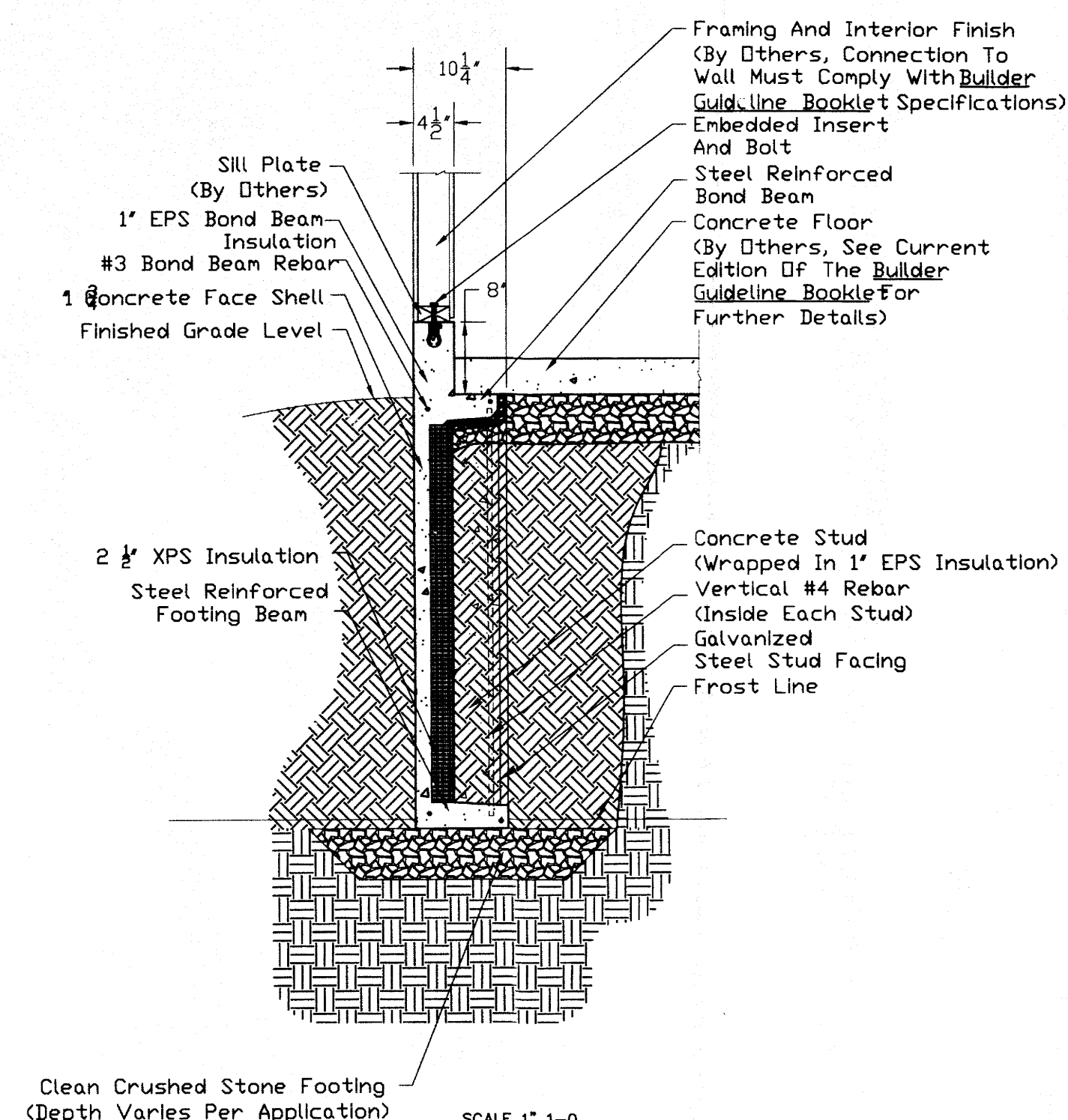
TYPICAL WALL SECTION

SCALE 1/2" 1-0



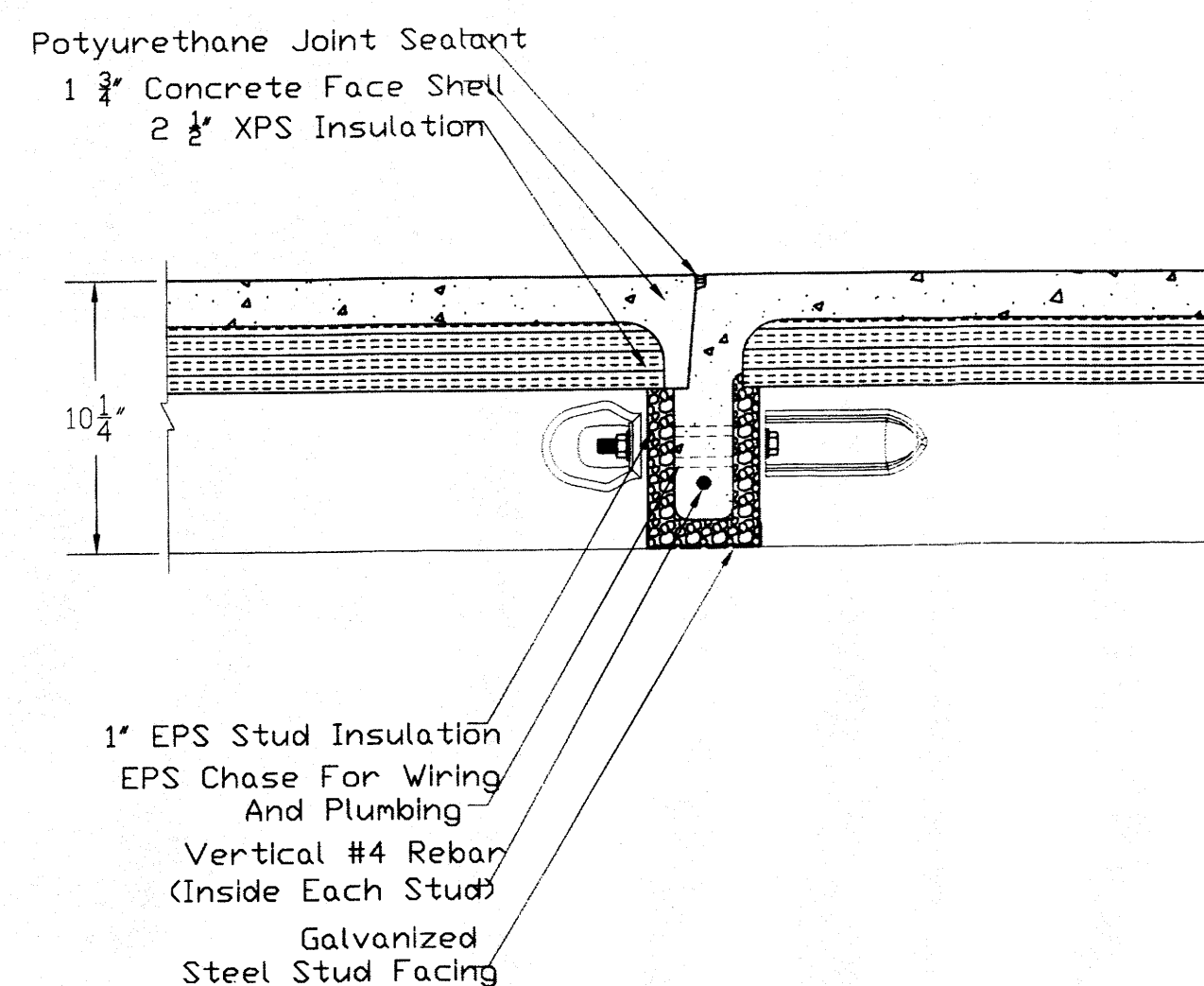
BEAM POCKET SECTION

SCALE 1/2" 1-0



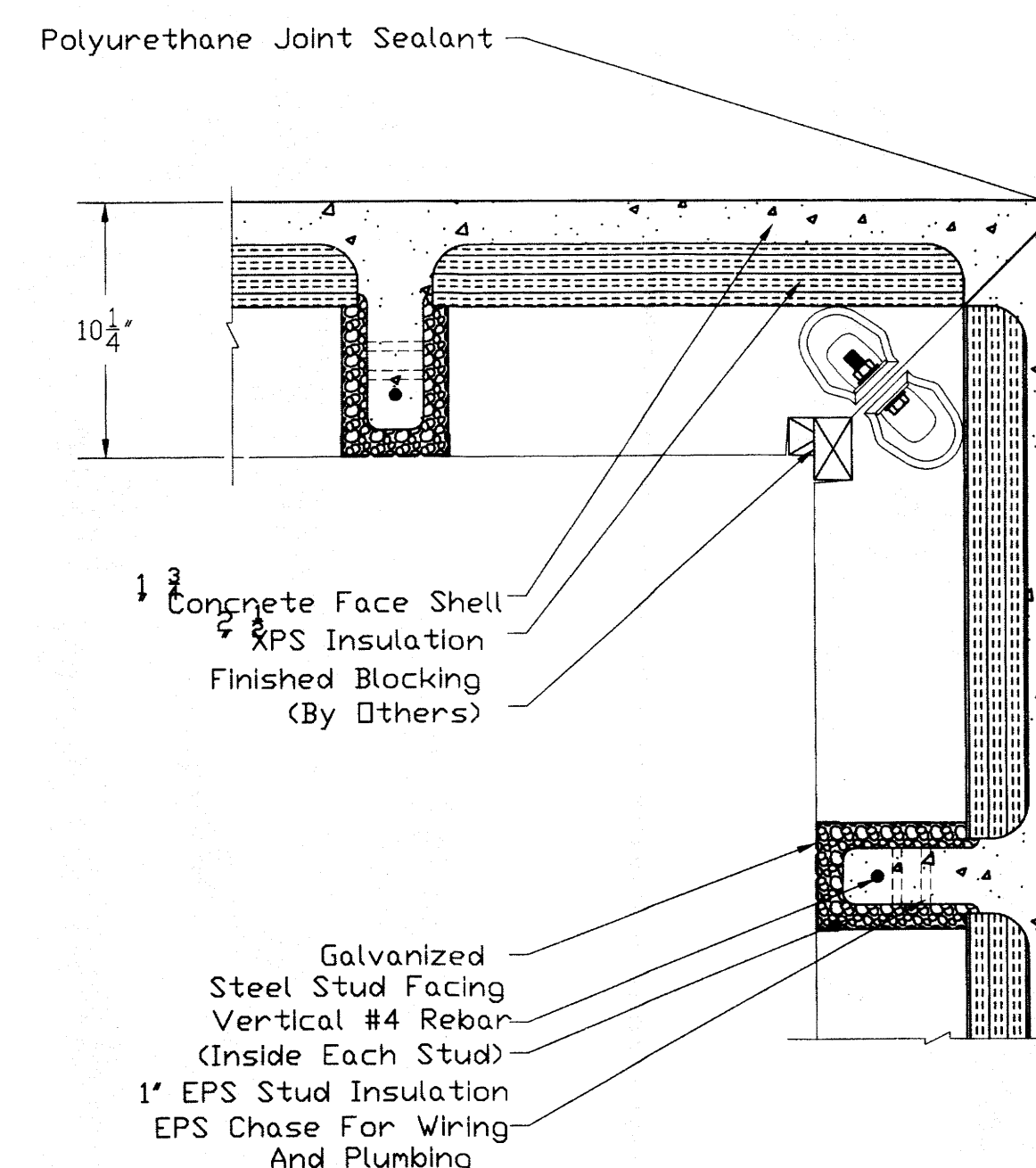
GARAGE FOUNDATION SECTION

SCALE 1" 1-0



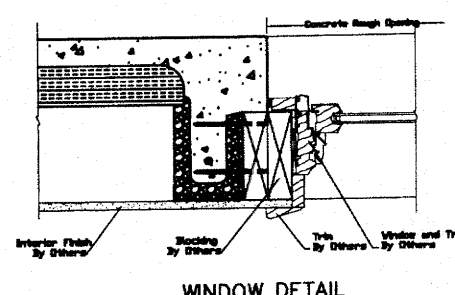
IN WALL PANEL JIONT

SCALE 2" 1-0

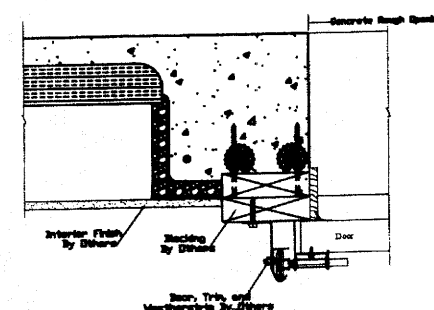


INSIDE 90 DEGREE CORNER

SCALE 2" 1-0



WINDOW DETAIL



DOOR DETAIL

SUPERIOR WALL DETAILS

BOWERMAN RESIDENCE
3181 ROUTE 5020
TOWN OF HOPEWELL

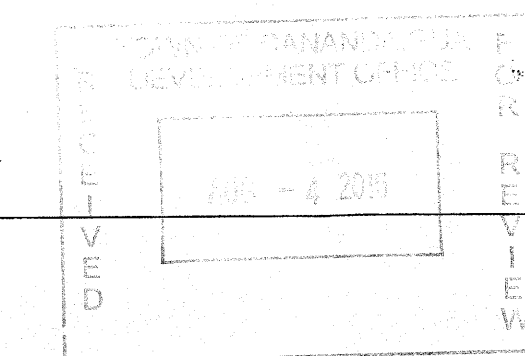
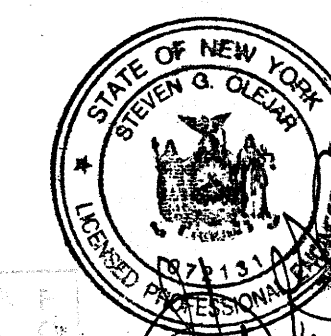
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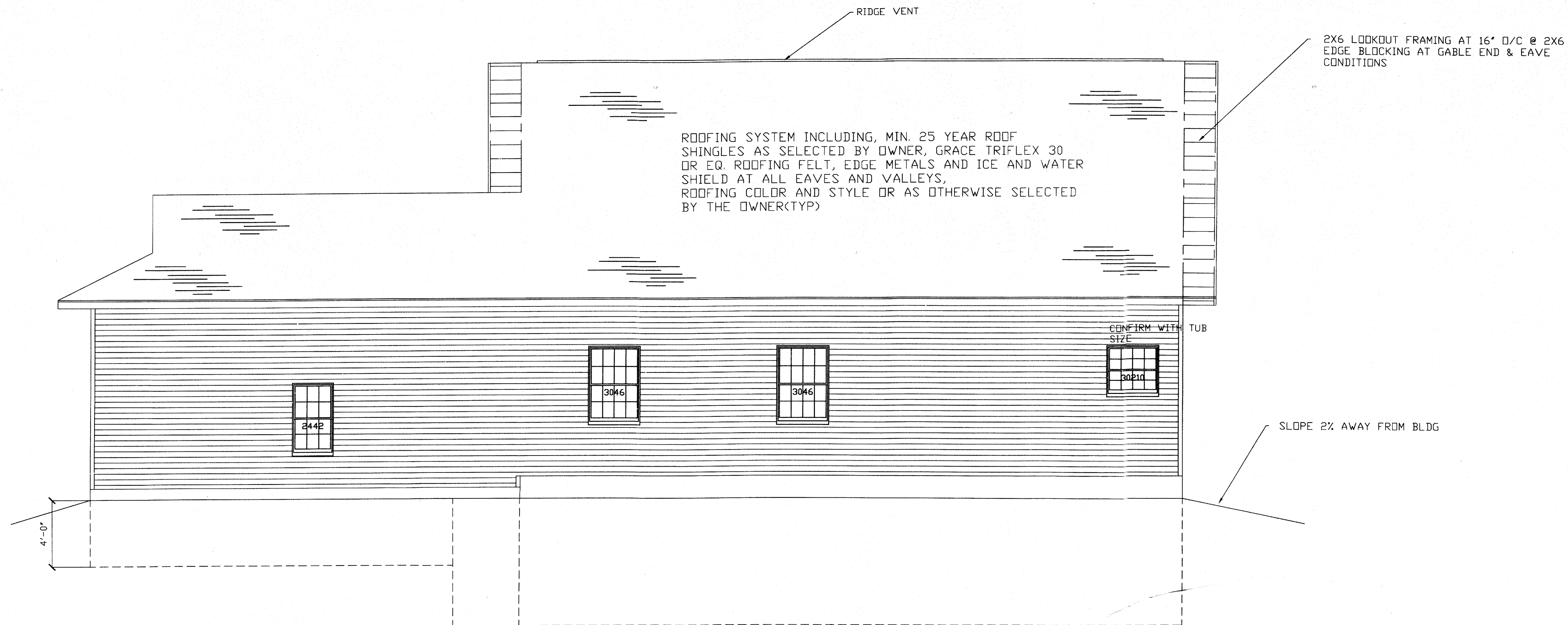
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JOB #

SHEET #

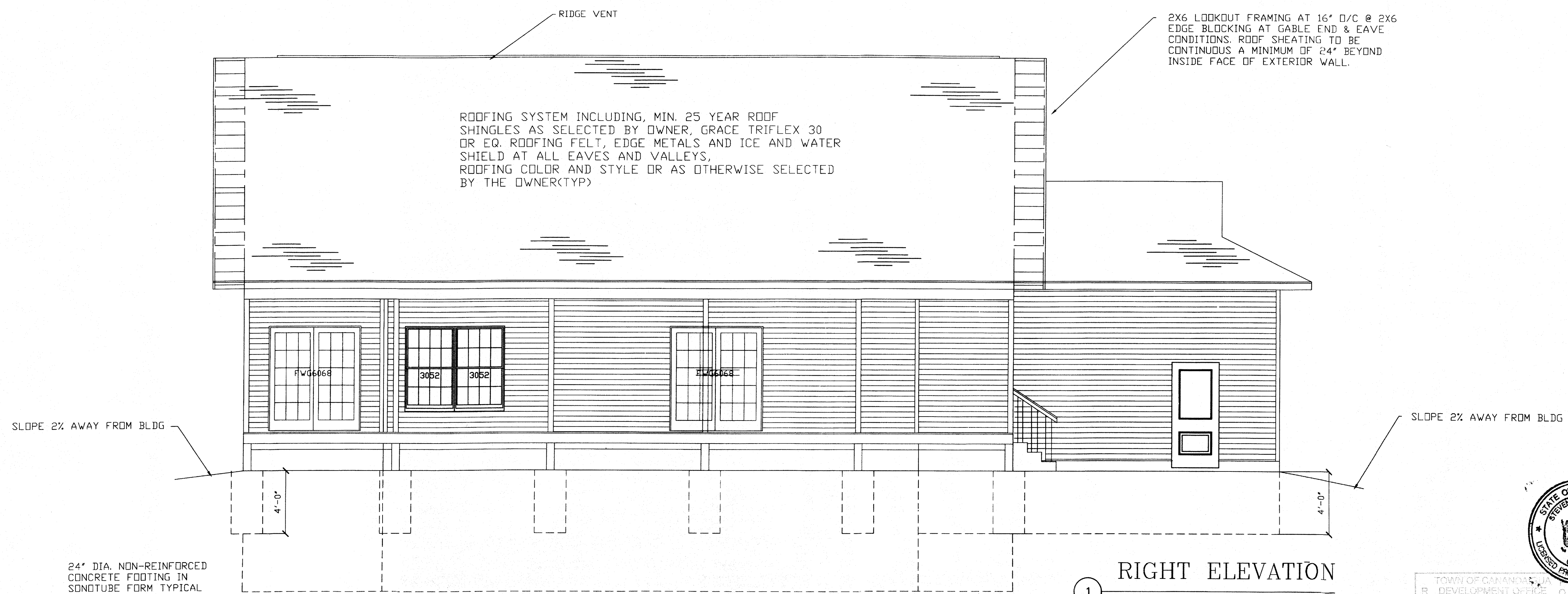
A5





LEFT ELEVATION

1
1/4"=1'0"



RIGHT ELEVATION

1
1/4"=1'0"

24" DIA. NON-REINFORCED
CONCRETE FOOTING IN
SONOTUBE FORM TYPICAL

ELEVATIONS

BOWERMAN RESIDENCE
3181 ROUTE 5@20
TOWN OF HOPEWELL

DATE: — 01/10/10
DSGN: —
DRN: —
CHKD: —

REVISIONS

JOB # —

SHEET #

A6

