

### STRUCTURAL GENERAL NOTES:

A. CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE/IBC 2018

TRUSS DESIGN LOADING

A. ROOF TRUSSES MUST HAVE A ROOF LOAD RATING OF 42.5 LBS/5' GROUND SNOW LOAD (SNOW LOAD FACTOR OF 0.7)

B. (RISK CATEGORY II) WIND LOAD RATING 25 LBS/5'

C. WIND SPEED RATING OF 115 MPH MINIMUM.

FOUNDATION/PIERS

A. THE BOTTOM OF ALL FOUNDATION PIERS TO BE A MINIMUM OF 3'-0" BELOW FINISHED GRADE.

B. FOUNDATION/PIERS HAVE BEEN DESIGNED FOR AN ASSUMED ALLOWABLE NET SOIL BEARING PRESSURE OF 2000 PSF. SHOULD THE SOIL BEARING PRESSURE BE FOUND TO BE LESS THAN 2000 PSF THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER.

CAST IN PLACE CONCRETE

A. FILL UNDER SLABS SHALL BE COMPAKTED TO A DRY DENSITY OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, STANDARD PROCTOR.

B. CONCRETE SHALL MEET THE FULL COMPRESSIVE STRENGTH AS SPECIFIED AT 28 DAYS. CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 5% ± 1%, WITH MAXIMUM SLUMP OF 4".

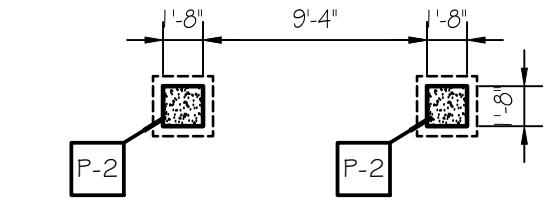
REINFORCING STEEL

A. ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615, GRADE 60.

B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

### SIGN FOUNDATION PLAN

SCALE: 1/8" = 1'-0"



### FOUNDATION SCHEDULE

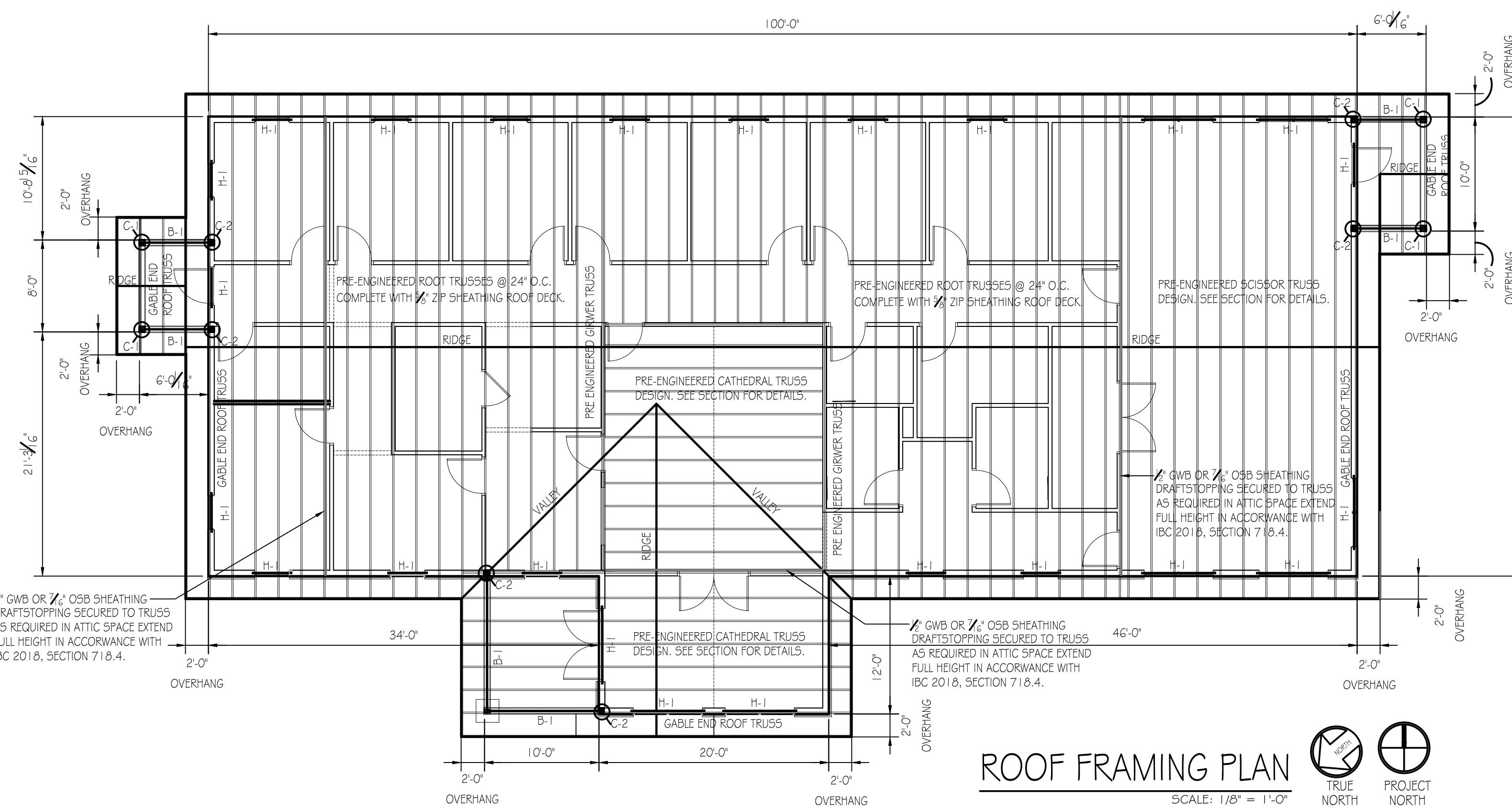
| MARK | FOOTING SIZE<br>WIDTH X THICKNESS | REINFORCING                                       | FOUNDATION WALL SIZE<br>WIDTH X HEIGHT | REINFORCING   | REMARKS  |
|------|-----------------------------------|---|--|---|--|
| F-1  | 2'-0" X 10'                       | (3) #5 CONTINUOUS WITH<br>#5 CROSSWAYS @ 48" O.C. | 10' X 4'-0"                            | #5 REBARS VERTICAL @ 48" O.C. WITH #5<br>REBARS CONTINUOUS HORIZONTAL @ 9" O.C. | PROVIDE 4 1/2" STEP IN TOP OF CONCRETE FOUNDATION WALL.<br>SEE WALL SECTION FOR DETAILS. |
| F-2  | 2'-0" X 10'                       | (3) #5 CONTINUOUS WITH<br>#5 CROSSWAYS @ 48" O.C. | 8' X 4'-0"                             | #5 REBARS VERTICAL @ 48" O.C. WITH #5<br>REBARS CONTINUOUS HORIZONTAL @ 9" O.C. | SEE WALL SECTION FOR DETAILS.  |

### PIER SCHEDULE

| MARK | FOOTING SIZE<br>WIDTH X THICKNESS | REINFORCING                                       | PIER SIZE<br>WIDTH X LENGTH X HEIGHT | REINFORCING                                      | REMARKS                       |
|------|-----------------------------------|---|--------------------------------------|--|-------------------------------|
| P-1  | 2'-0" X 10'                       | (3) #5 CONTINUOUS WITH<br>#5 CROSSWAYS @ 12" O.C. | 1'-4" X 1'-4" X 6'-8"                | (4) #5 VERTICAL DOWELS<br>WITH (7) #3 TIES @ 12" | SEE WALL SECTION FOR DETAILS. |
| P-2  | 2'-6" X 2'-6" X 10'               | (3) #5 CONTINUOUS WITH<br>#5 CROSSWAYS @ 12" O.C. | 1'-8" X 1'-8" X 6'-8"                | (4) #5 VERTICAL DOWELS<br>WITH (7) #3 TIES @ 12" | SEE SIGN SECTION FOR DETAILS. |

### WOOD FRAME SCHEDULE

| MARK | SIZE/DESCRIPTION   | REMARKS                                 |
|------|--|---|
| C-1  | 6x6' PRESSURE TREATED COLUMN   | SEE DETAILS FOR SIMPSON CONNECTORS.     |
| C-2  | (3) 2" X 6" SUPPORT COLUMN, INSTALL FLUSH<br>WITH INSIDE EDGE STUD WALL. | SEE DETAILS FOR ADDITIONAL INFORMATION. |
| B-1  | 5 1/2" X 9 1/2" GLULAM BEAM.   | SEE DETAILS FOR ADDITIONAL INFORMATION. |
| H-1  | (2) 2x10' WOOD HEADER WITH 3" MINIMUM<br>BEARING ON EACH END.            | SEE DETAILS FOR ADDITIONAL INFORMATION. |



PENNSYLVANIA GAME COMMISSION

HOWARD NURSERY HOWARD TOWNSHIP CENTRE COUNTY

NEW 40' x 100' FORESTRY HEADQUARTERS BUILDING

STRUCTURAL DRAWINGS

REVISIONS

PROJECT NO. HN-24-01  
DRAWN BY: M. SPOTTS  
DATE: 10/24/2025  
SHEET NO. S-1

PROFESSIONAL ENGINEER  
REGISTRED  
AUSTIN D. KIEFFER  
PENNSYLVANIA