CONSTRUCTION OF A NEW POULTRY BARN AT THE ONTARIO COUNTY FAIRGROUNDS TO BE USED DURING FAIR WEEK EACH YEAR FOR POULTRY EXHIBITS AND ACTIVITIES BY COUNTY 4-HERS. THE NEW BUILDING IS TO TAKE THE PLACE OF A RENTED TENT.

THE BUILDING WILL BE A ONE STORY POLE BARN CONSTRUCTION MEASURING 40'x80'x10' AND HAVING 3' METAL SIDES STARTING AT GROUND LEVEL, WITH THE REMAINING WALL AREA LEFT OPEN TO THE EAVES FOR VENTILATION.

CONSTRUCTION IS TO BE COMPLETED BY ZIMMERMAN CONSTRUCTION USING ESTABLISHED CONSTRUCTION PRACTICES

ONTARIO COUNTY FAIRGROUNDS 2820 COUNTY ROAD 10 CANANDAIGUA, ONTARIO COUNTY, NY 14424 TAX ID NO. 84.00-1-12.000 CONTACT: CASEY KUNES TELEPHONE: 585-727-0948				CANANDAIGUA PLANNING BOARD APPROVAL	ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN
				PLANNING BOARD CHAIRMAN DATE	
	NO.	DATE	DESCRIPTION		PRELIMINARY SITE PLAN
	REVISIONS			ENGINEERING DEPARTMENT DATE	

NOTES

THE PROPOSED BUILDING IS A 3,200 SF, WOOD FRAMED, POST CONSTRUCTED SINGLE STORY BUILDING WITH PRE-ENGINEERED WOOD TRUSSES TO BE USED DURING FAIR WEEK EACH YEAR FOR POULTRY EXHIBITS AND ACTIVITIES BY COUNTY 4-HERS

BUILDING IS TO BE CONSTRUCTED BY ZIMMERMAN CONSTRUCTION USING ESTABLISHED CONSTRUCTION PRACTICES WITH METHODS DESCRIBED AS FOLLOWS:

40'x80'x10' POULTRY BUILDING, 4 PLY 2x6 POSTS, 8' OC ON SIDEWALL, DOUBLE 2x10 HEADER, TRUSSES 4' OC WITH 16" OVERHANG ON SIDEWALL, PAINTED STEEL ROOFING AND SIDING FASTENED WITH SCREWS, CHOICE OF COLOR. 3' METAL AROUND BOTTOM ON SIDEWALL- ABOVE THAT WILL BE OPEN, NO DOORS OR WINDOWS. 2x8 PRESSURE TREATED AROUND BOTTOM. 4' CONCRETE FLOOR.

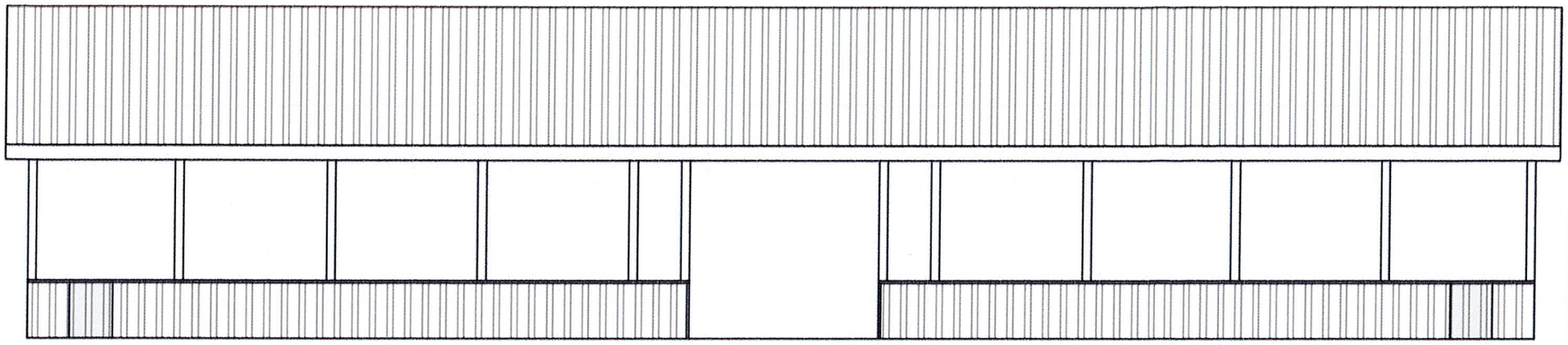
ROOF GUTTERS WILL DRAIN TO THE SOUTH AND EAST INTO GRASS ON THE PREEXISTING PERVIOUS SOIL WITH NATURAL DRAINGE

SEQUENCE OF CONSTRUCTION

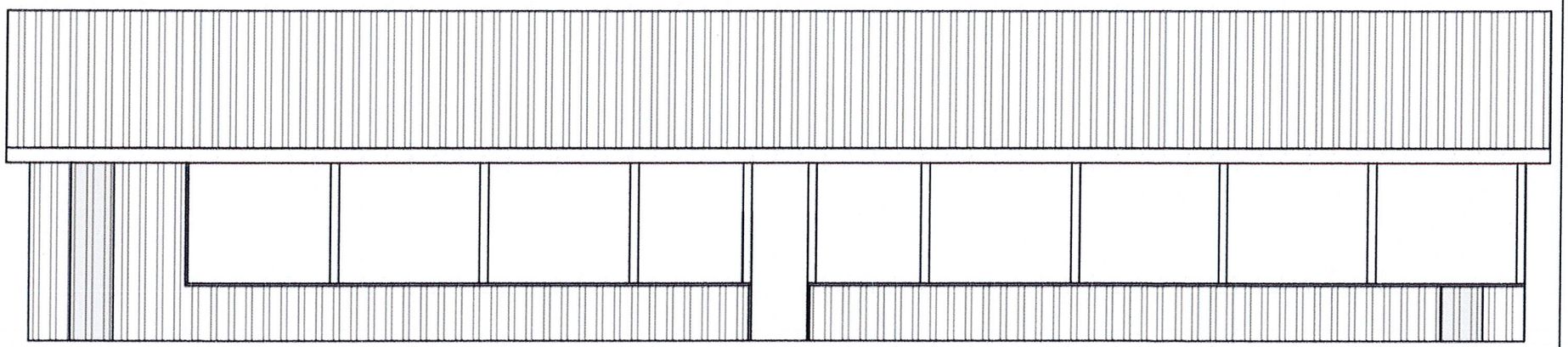
1. ESTABLISH THE LIMIT OF DISTURBANCE FOR THE PROPOSED SITE CLEARING AND GRADING- CONTRACTOR TO LIMIT AREA TO LESS THAN 1 ACRE
2. ESTABLISH THE LOCATION FOR THE EROSION AND SEDIMENTATION CONTROL MEASURES- PREPARE AREA FOR THEIR INSTALLATION
3. INSTALL SILT FENCE AS REQUIRED IN THE EROSION CONTROL PLAN
4. BEGIN CLEARING AND GRADING FOR THE CONSTRUCTION AT THE SITE
5. STOCKPILE TOPSOIL IN ACCORDANCE WITH EROSION CONTROL PLAN. TOPSOIL IS TO BE DIRECT LOADED AND TRANSPORTED TO A STOCKPILE FOR LATER USE.
6. PLACE STONE/MILLINGS BASE FOR NEW BUILDING
7. INSTALL POSTS FOR NEW BUILDING
8. POUR CONCRETE SLAB FOR NEW BUILDING
9. FRAME AND CONSTRUCT BUILDING
10. PLACE TOPSOIL AND COMPLETE FINAL GRADING
11. PLACE SEED AND MULCH IN DISTURBED AREAS
12. WHEN ALL DISTURBED AREAS ARE STABLE AND UPON APPROVAL FROM THE TOWN, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES
13. PROJECT TO BE COMPLETED IN 3-6 MONTHS FROM PERMIT ISSUE

ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
SEQUENCE OF CONSTRUCTION AND GENERAL NOTES	Not to Scale

WEST SIDE

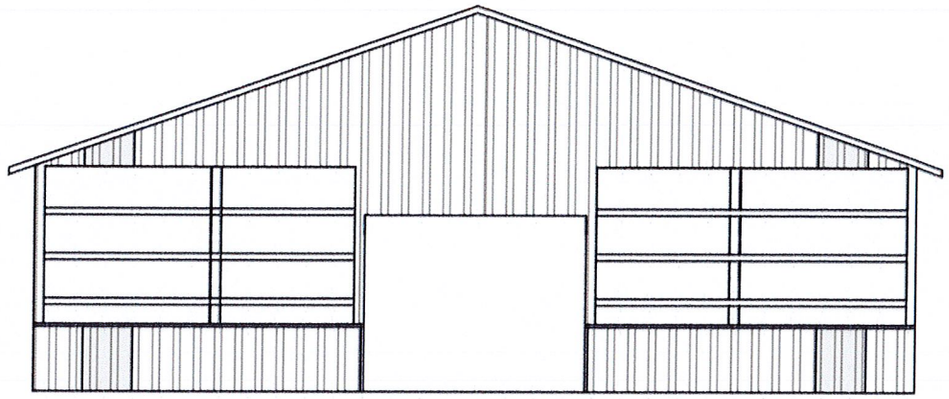


EAST SIDE

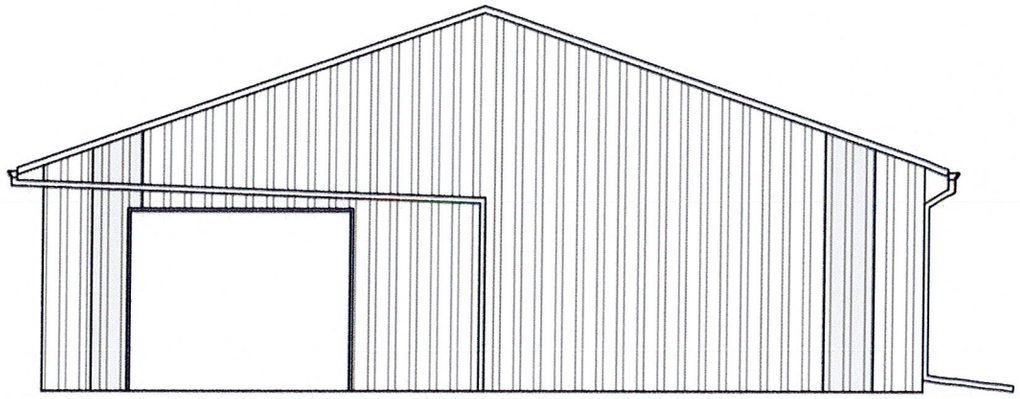


ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
Elevation View of Sides	Not to Scale

NORTH END

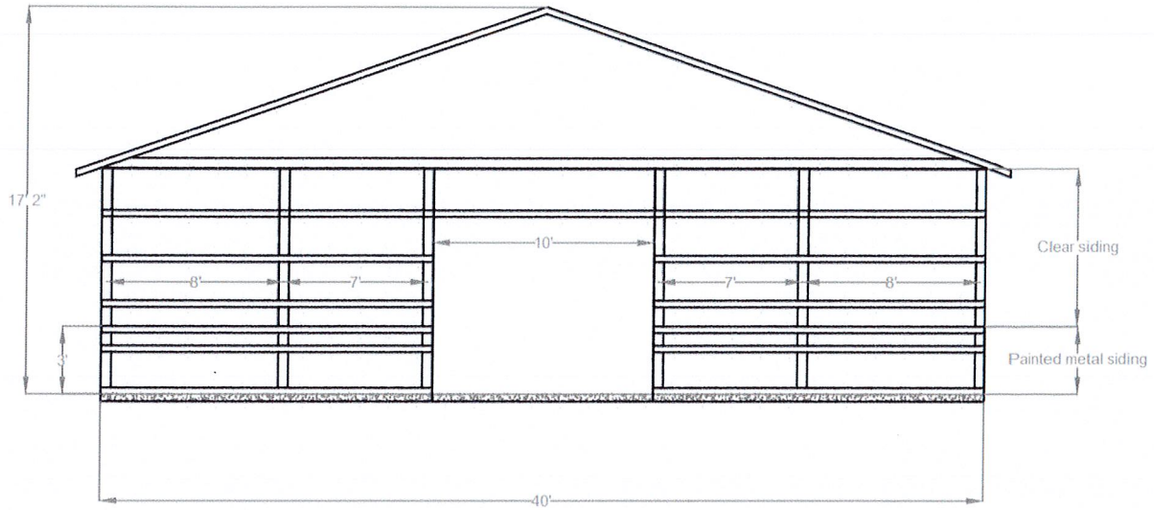


SOUTH END

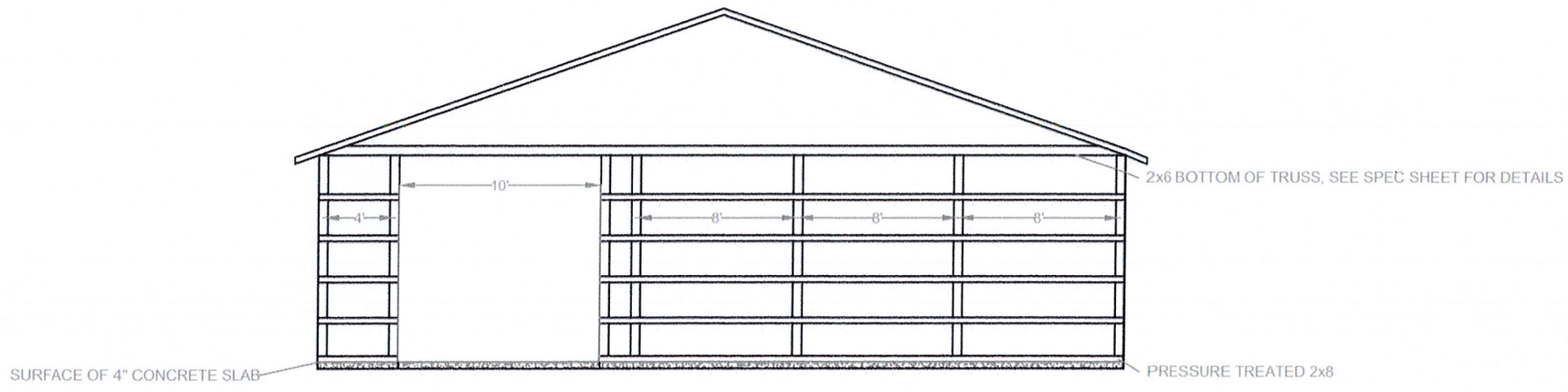


ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
Elevation View of Ends	Not to Scale

NORTH END

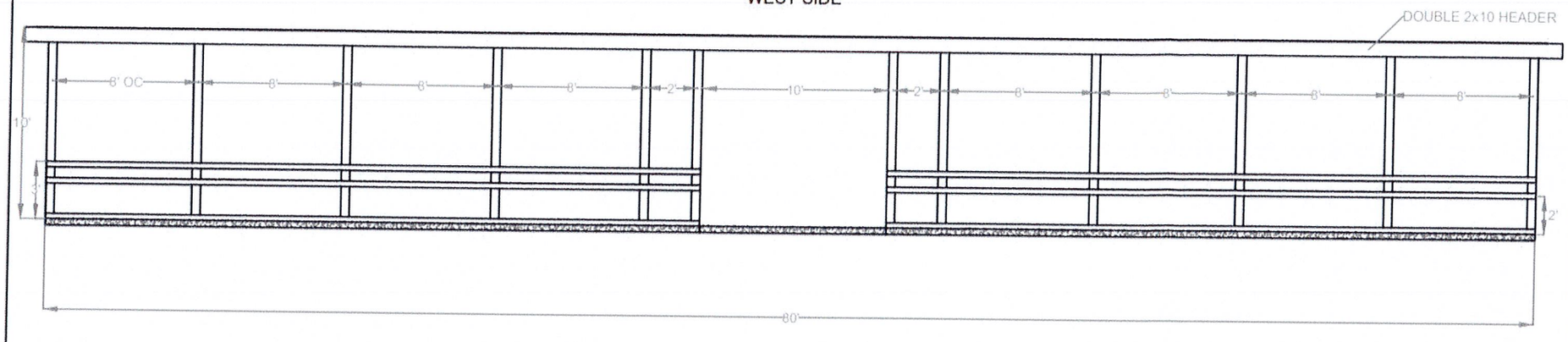


SOUTH END

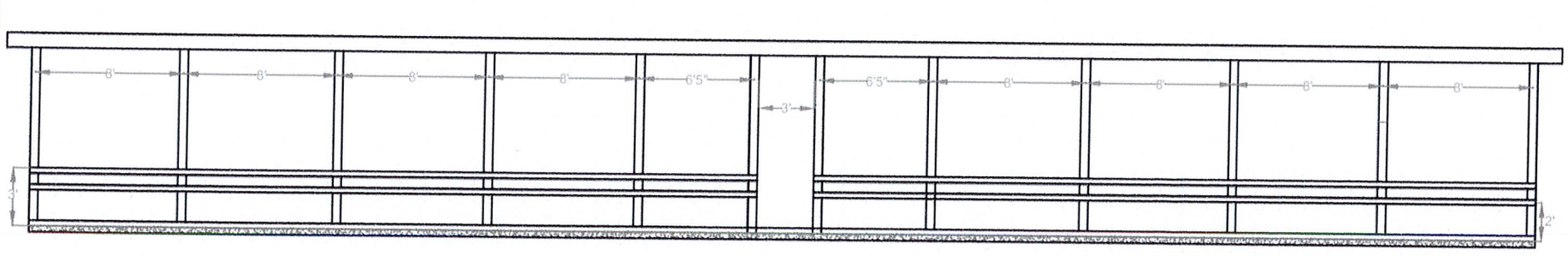


ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
Construction Detail of Ends	Not to Scale

WEST SIDE



EAST SIDE



NOTES:

ALL GIRTS ARE 2x4 24"OC UNLESS OTHERWISE SPECIFIED

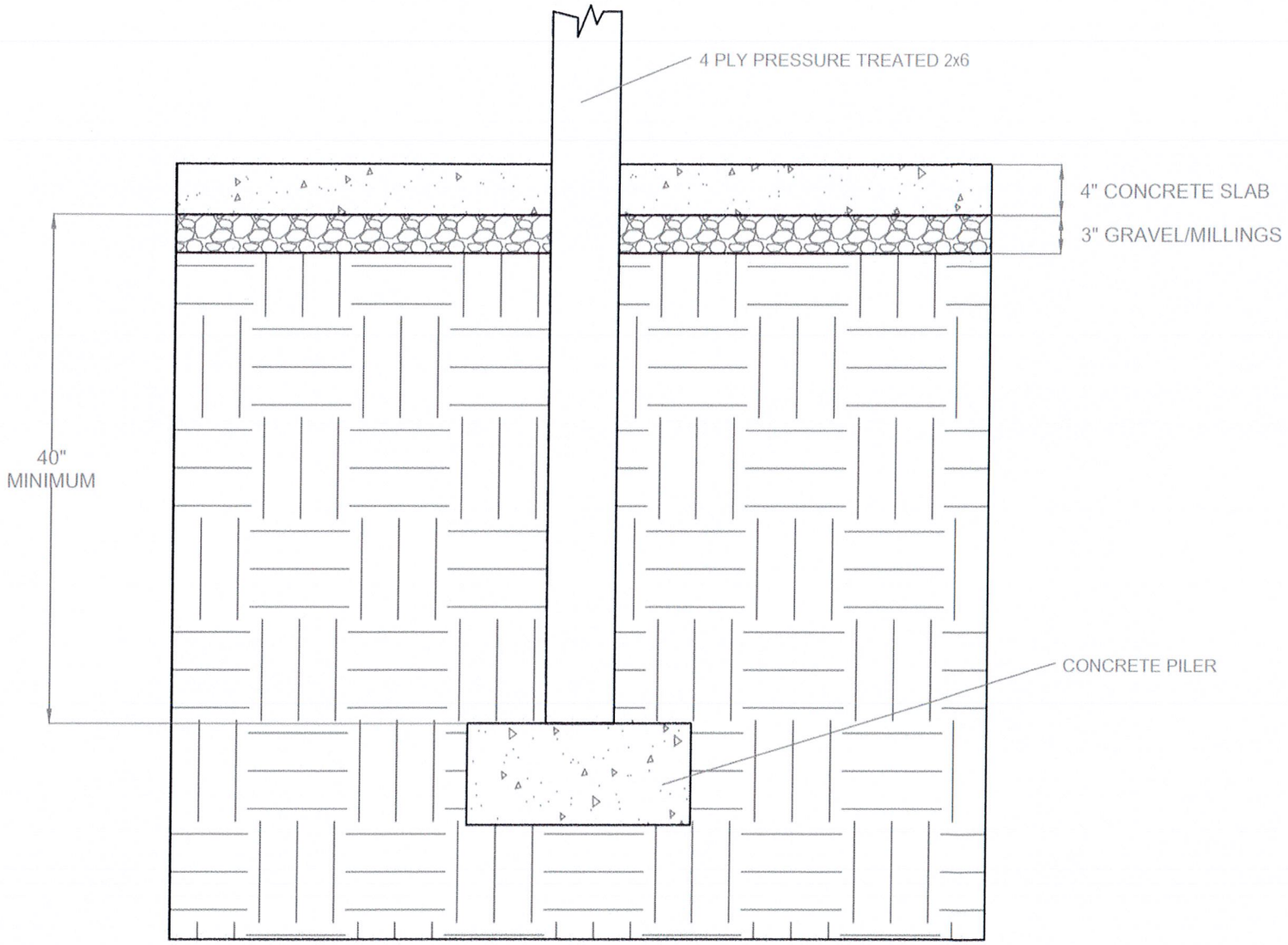
ALL POSTS ARE TO BE PRESSURE TREATED 4 PLY 2x6 AND WILL EXTEND UNDERGROUND 40" TO A CONCRETE PILER

SIDEWALLS AND NORTH END WILL HAVE BOTTOM 3' COVERED BY PAINTED METAL SIDING,
GABLE OF NORTH WALL AND ENTIRETY OF SOUTH WALL WILL BE COVERED WITH PAINTED METAL SIDING.

ROOF WILL BE PAINTED METAL

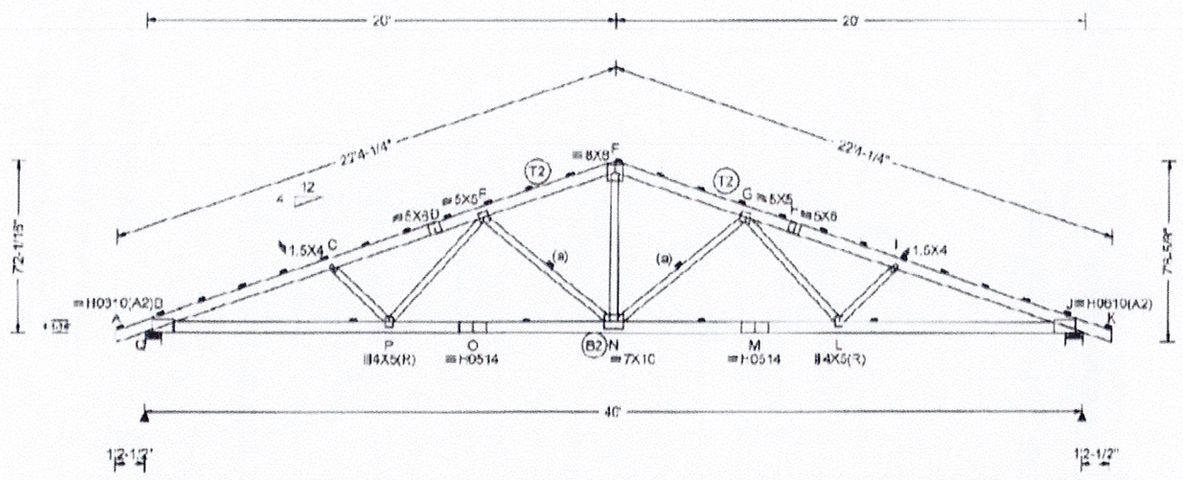
TRUSSES WILL BE 4' OC

ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
Construction Detail of Sides	Not to Scale



ONTARIO CO. AGRICULTURAL SOCIETY POULTRY BARN	
Post Detail	Not to Scale

Job Number:	10405	Ply: 1	SEQN: 346312 CCMN	Cust R JRef 10405 T	
Customer Info:	Alvin H. Zimmerman - Ontario Fair Ground	Qty: 21	FROM:	DrwNo:	
Truss Label:	45A-Common-40412	Wgt: 250.6 lbs		... / ... 04/14/2021	



OH LEFT RAKE = 1'3-5/16" OH RIGHT RAKE = 1'3-5/16"

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ R
Q	3797	/-	/-	/1130	/650	/297
J	3797	/-	/-	/1130	/650	/-

Wind reactions based on MWFRS
Q Brg Width = 8.5 Min Req = 3.1
J Brg Width = 8.5 Min Req = 3.1
Bearings Q & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	F - G	1866	-5781
B - C	2541	-8979	G - H	2372	-7967
C - D	2363	-8187	H - I	2364	-8187
D - E	2371	-7967	I - J	2540	-8979
E - F	1866	-5781	J - K	64	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	8367	-2301	N - M	6771	-1793
P - O	6771	-1846	M - L	6771	-1793
O - N	6771	-1846	L - J	8367	-2257

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - P	500	-1148	N - G	676	-2438
P - E	1342	-324	G - L	1342	-324
E - N	676	-2438	L - I	500	-1148
F - N	2658	-764			

Loading Criteria (psf)
TCLL: 34.65
TCDL: 5.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 44.65
NCBCLL: 0.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 48.0"

Wind Criteria
Wind Std: ASCE 7-16 Speed: 115 mph
Enclosure: Closed Risk Category: II
TCDL: 3.0 psf BCDL: 3.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria
(Pg,Pf in PSF)
Pg: 45.0 Ct: 1.1
Pf: 34.6
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Fac: No
FT/RT:10(0)/5(0)
Plate Type:
HS, WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#

VERT(LL):	0.601	N	793	240	Max TC CSI:	0.927
VERT(CL):	0.778	N	614	180	Max BC CSI:	0.995
HCR2(LL):	0.182	L	-	-	Max Web CSI:	0.652
HCR2(TL):	0.235	L	-	-	Creep Factor: 2.0	

VIEW Ver: 19.02.02B.0122.16

Lumber
Top chord: 2x6 SP 2400f-2.0E;
T2 2x6 SPF 1650f-1.5E;
Bot chord: 2x6 SP 2400f-2.0E;
B2 2x6 SPF 1650f-1.5E;
Webs: 2x4 SPF #1/#2;

Bracing
(a) Continuous lateral restraint, equally spaced on member.

Loading
Truss designed for unbalanced snow loads.

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows.

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	-1.21	20.00
TC	24	20.00	41.21
BC	102	0.15	39.85

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

"WARNING" READ AND FOLLOW ALL NOTES ON THIS DRAWING
"IMPORTANT" FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

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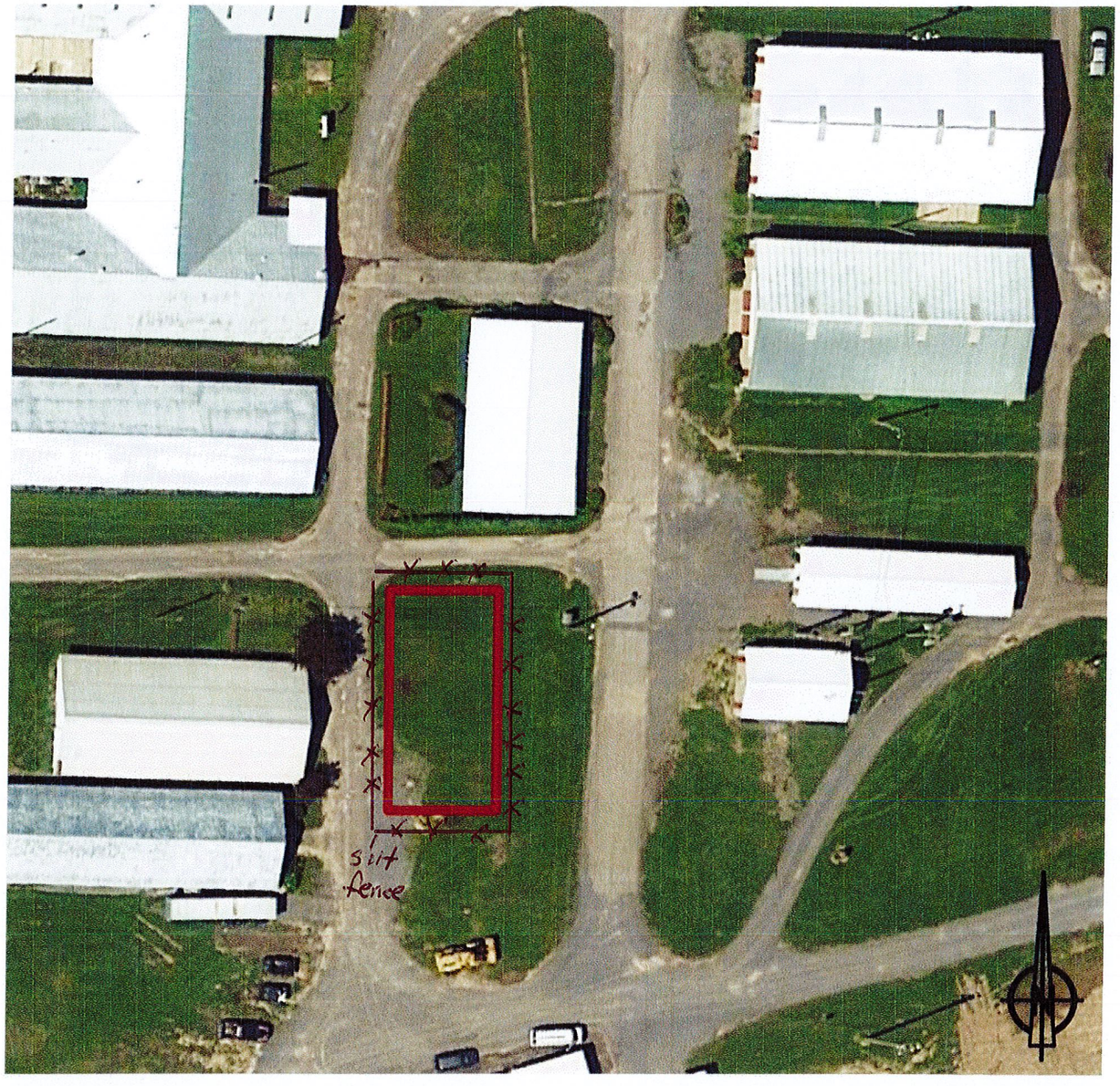

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Approximate Location	Not to Scale