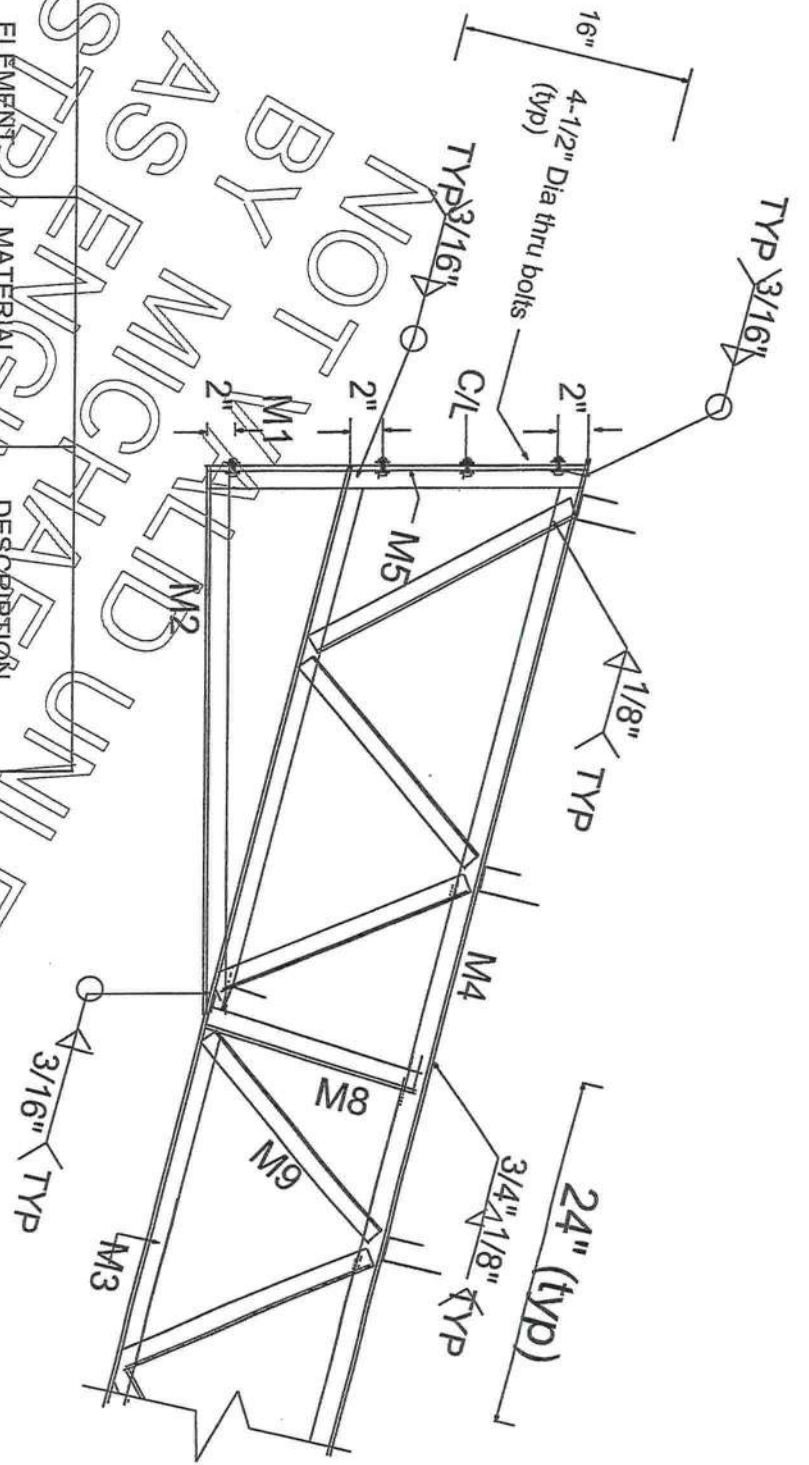


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M6	End Vertical	ASTM 572	L 2" x 2" x 3/16"
M7	Bearing angle	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M8	Inside vertical	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M9	Diagonal web	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"

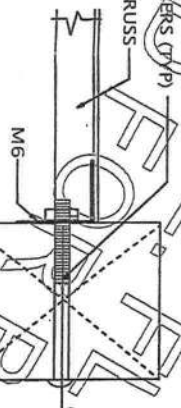
STEEL TRUSS CROSS SECTION



CONNECTOR SCHEDULE

2" x 6" #2 syp purlin to 6" x 6" 14-ga. clip - 2-#9 x 1-1/4" screws
 Truss to truss @ ridge 3-1/2" dia thru bolts & nut
 Wood post to truss - 2-1/2" dia thru bolts nut & washers
 Post to concrete see sheet 1

STEEL TRUSS



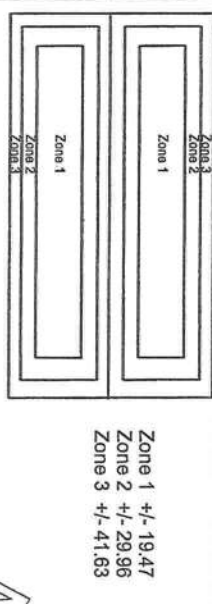
TRUSS DETAILS

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 BY MICHAEL E DRISCOLL P.E. FL 43922
 AS ENGINEER OF RECORD

- NOTES:**
- 1-MATERIALS SHALL CONFORM TO STEEL ASTM 572.
 - 2-ALL STEEL SHALL BE 50ksi IN ACCORD WITH CURRENT AISC MANUAL.
 - 3-WELDING ELECTRODES TYPE E70XX
 - 4-ALL WELDING SHALL BE IN ACCORD WITH CURRENT AWS REQUIREMENTS.
 - 5-ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER.
 - 6-BOLTS SHALL BE ASTM A325. w/ NUTS & WASHERS. (TYP)
 - 7-WELD STRENGTH 70 KSI MIN.
 - 8-ALL POST SHALL BE #2 DENSE PRESSURE TREATED GROUND CONTACT.
 - 9-PRIMING & PAINTING SHALL BE DONE BY TRUSS MANUFACTURER.
 - 10-MIN EDGE DISTANCE FOR BOLTS HOLES SHALL BE 3/4" MIN
 - 11-MAX TRUSS SPACING SHALL NOT EXCEED 12'-0" UNO.
 - 12-THE DESIGNER DISCLAIMS ANY RESPONSIBILITY FOR DAMAGES AS A RESULT OF POOR WORKMANSHIP, OR IMPROPER USE, AND ACCEPTS NO RESPONSIBILITY OR EXERCISES NO CONTROL WITH REGARD TO FABRICATION, HANDLING, AND INSTALLATION OF TRUSSES.

TRUSS TO POST DETAIL PLAN VIEW

THESE SIGNED & SEALED SHEETS
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WIND PRESSURE ON COMPONENTS AND CLADDING

ULTIMATE & NOMINAL WIND SPEEDS	NOMINAL
120	93
130	103
140	108
150	116
155	120
160	124

WIND EXPOSURE CATEGORY	B	C	D
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BUILDING DIMENSIONS	D-1
BARN WIDTH (FT)	6"X 6" POST 8"X 8" POST
40	39'-1" 38'-8"
38	37'-1" 36'-8"
36	35'-1" 34'-8"
34	33'-1" 32'-8"
32	30'-1" 30'-8"
30	29'-1" 28'-8"
28	27'-1" 26'-8"
26	25'-1" 24'-8"
24	23'-1" 22'-8"
22	21'-1" 20'-8"
20	19'-1" 18'-8"
18	17'-1" 16'-8"
16	15'-1" 14'-8"
14	13'-1" 12'-8"
12	11'-1" 10'-8"

POST HEIGHT	OTHER
10'	12'
12'	14'
14'	16'

METAL ROOF	26 GA	29 GA
FL 9555 R5		

ENCLOSED WALLS	A	B	C	D
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POST SPACING	D-2 (FT)
8	10
10	12
12	10" X 10"
14	8" X 8"
16	6" X 6"

PROFESSIONAL SERVICES BY
DRISCOLL ENGINEERING, INC.
PO BOX 357577
GAINESVILLE, FL 32635
PH (352) 331-1513
CA 8690

PLANS AND SPECIFICATIONS

The plans and specifications presented herein are applicable only for the anticipated construction at the locations shown. If construction plans change, the Design Professional should be notified so the plans and specifications can be resubmitted. The Design Professional should be given the opportunity to review final plans and specifications to see if the intent of the plans and specifications has been followed and/or if supplemental details and recommendations are needed. The Design Professional warrants that the plans and specifications contained herein, have been prepared in accordance with generally accepted professional engineering practice. No other warranties are implied or expressed.

CORPORATE PROTECTION

It is understood and agreed that the Design Professional's Basic Services under this Agreement do not include, without limitation, observation or review of the Contractor's performance or any other construction phase services, and that such services will be provided by the Client. The Client assumes all responsibility for interpretation of the Contractor Documents and the construction observed and supervised and waives any claims against the Design Professional that may be in any way connected thereto.

In addition, the Client agrees to the fullest extent permitted by law, to indemnify and hold the Design Professional harmless from any loss, claim, cost, including reasonable attorney's fees and costs of defense, arising or resulting from the performance of such services by other personnel employed and from any and all delays arising from modifications, specifications, interpretations, adjustments or changes made to the Contractor Documents to reflect changed field or other conditions, except for claims arising from the negligence or willful misconduct of the Design Professional.

OWNERSHIP OF INSTRUMENTS OF SERVICE

All reports, plans, specifications, computer files, field data, notes, and other documents and instruments prepared by the Design Professional as part of the service shall remain the property of the Design Professional. The Design Professional shall retain all common law, statutory and other copyright rights, including the copyright therein.

DEFECTS IN SERVICE

The Client shall promptly report to the Design Professional any defects or suspected defects in the Design Professional's work, or services, or materials, or equipment, or instruments, so that the Design Professional may take measures to minimize the consequences of such a defect. The Client warrants that it will not impose a higher standard of care or requirement on all contractors in the Client's project or contract, and will not require all subcontractors at any level to design to a higher standard than the Design Professional's design. The Client's contractors or subcontractors to reply the Design Professional, shall relieve the Design Professional of the costs of remedying the defects above the sum such remedy would have cost had prompt remedial action been given.

VERIFICATION OF EXISTING CONDITIONS

Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions of the building, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Design Professional harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or economic loss arising or allegedly arising out of the professional services provided under this Agreement, excepting only those damages, liabilities, or costs attributable to the sole negligence or willful misconduct of the Design Professional.

PARTIALLY ENCLOSED POLE STORAGE STRUCTURE

1-All construction shall comply with Florida Building Code 7th edition 2020.

ULTIMATE WIND SPEED: SEE TABLE THIS SHEET

NOMINAL WIND SPEED: SEE TABLE THIS SHEET

WIND EXPOSURE CATEGORY: SEE TABLE THIS SHEET

RISK CATEGORY I

INTERNAL PRESSURE COEFFICIENT Gcpl = +/- 0.0

DESIGN PRESSURE PER FBC CHAPTER 16, INCLUDING ASCE 7-16 LOAD CALCULATIONS

ROOF LIVE LOAD = 12.5 PSF

ROOF DEAD LOAD = 2.5 PSF

MIN SOIL BEARING 2000 PSF

MAX TRUSS BEARING LOAD EACH END 5200 LB

MAX TRUSS UPLIFT @ POST 3400 LB

1. Wood framing and fasteners to meet NDS-2018 requirements.

2. Fastener requirements: (1) All nails are Common galvanized; (2) all bolts are to be galvanized steel and include nuts and washers; and (3) all other hardware (Simpson, etc.) is to be installed according to manufacturer's specifications and recommendations. Nailing (size and number) shall satisfy Tables 2306.2.1(1), 2306.3.1(1) and 2306.3.1(2) FBC unless otherwise indicated. Note: fasteners exposed to the weather are to be treated for weather resistance and compatible with the type of pressure treated wood used (connectors, nails, bolts, nuts and washers).

Concrete Construction Notes

Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.

3. Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. All entraining admixture shall conform to ASTM C-260.

CONCRETE MIX

Ultimate Compressive Strength @ 28 days	3,000 PSI
Slump Range	4" +/- 1"
Maximum Aggregate Size	1"
Entrained Air	None
Dry Weight per Cubic Foot	150 #

- All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.
- Reinforcing steel shall conform to ASTM A615, Grade 60 (Fy=60 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide
- cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
- Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets with mesh spaces and wire tie adjacent sheets together securely. Cut staggered reinforcement at control joints.
- All slabs on grade shall have construction or control joints not to exceed 10'-0" spacing, unless otherwise noted.

OWNER/CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF THIS STRUCTURE BEFORE BEGINNING CONSTRUCTION

POST FOOTING SIZE	18" DIA. X 48" DEEP
F-1	24" DIA. X 48" DEEP
F-2	

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ROOF PITCH	3/12	4/12	5/12	6/12
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CONCRETE INFORMATION	THICKENED EDGE
4" THICK 3000 PSI CONCRETE SLAB W/ 6X6 1.4X 1.4 WWF OR FIBERMESH	12" W X 12" D W/ 2 #5 BAR CONT
	12" W X 20" D W/ 2 #5 BAR CONT

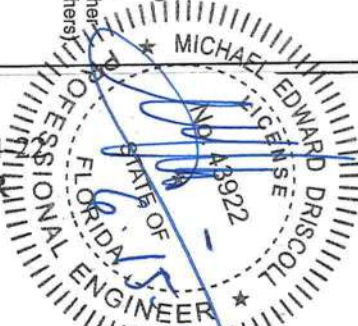
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Michael E Driscoll PE
FL Reg # 43922

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HARTZOG
310 SW DEER RUN DR
FT WHITE, FL 32038

DB22-453 40x84x14



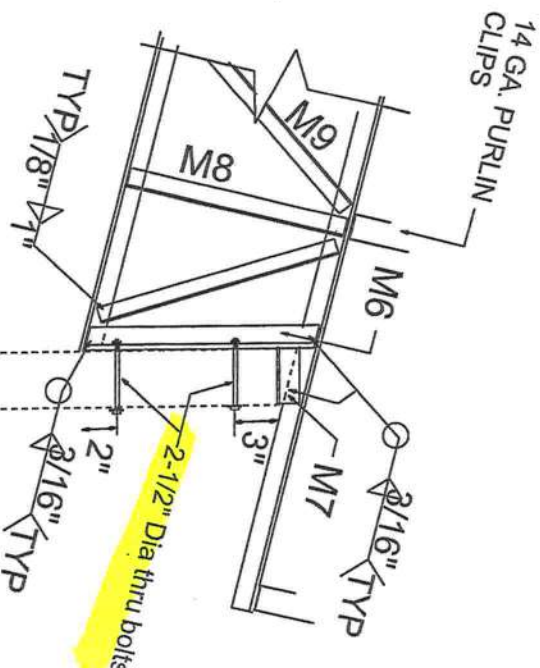
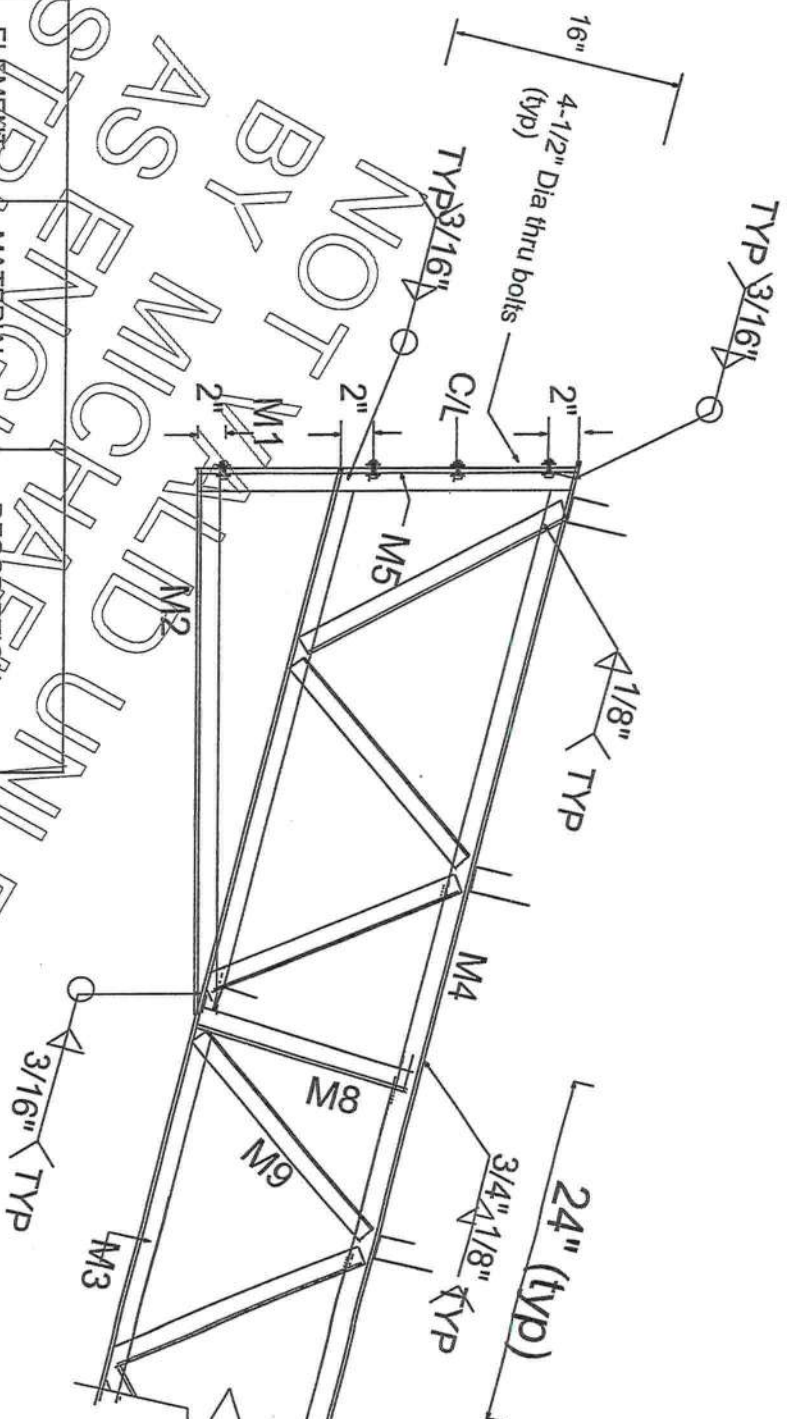
SHEET:
1 OF 4



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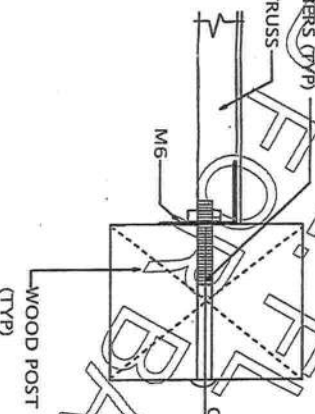
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TRUSS TO POST DETAIL PLAN VIEW

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