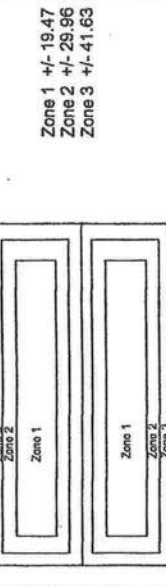


1-All construction shall comply with Florida Building Code 7th edition 2020.



WIND PRESSURE ON COMPONENTS AND CLADDING

ULTIMATE WIND SPEED: 130
NOMINAL WIND SPEED: 101
WIND EXPOSURE CATEGORY: B
RISK CATEGORY 1 NON HABITABLE
INTERNAL PRESSURE COEFFICIENT Gcpi= +/- 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 2500 PSF
TRUSS BEARING LOAD EACH END 5200LB
TRUSS UPLIFT @ POST 3400LBS

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 2306.3.3(4) FBC unless otherwise indicated. Note: fasteners exposed to the weather are to be treated for weather resistance and compatible with the type or pressure treated wood used (connectors, nails, bolts, nuts and washers).

Concrete Construction Notes

1. Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
2. Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. Air-entraining admixture shall conform to ASTM C-260.

CONCRETE MIX A

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 #

3. Shotcrete mix
4. 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.
5. Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
6. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
7. All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
8. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

PROFESSIONAL SERVICES BY
MICHAEL E DRISCOLL, INC.
PO BOX 157777
GAINESVILLE, FL 32615
PH (352) 331-1513
CA 0055

PLANS AND SPECIFICATIONS

The plans and specifications presented herein are applicable only for the anticipated construction. The Design Professional shall not be responsible for any changes or modifications to the plans and specifications that may be required during the construction process. The Design Professional shall be responsible for reviewing and approving any changes or modifications to the plans and specifications that may be required during the construction process. The Design Professional shall be responsible for reviewing and approving any changes or modifications to the plans and specifications that may be required during the construction process.

CORPORATE PROTECTION

It is understood and agreed that the Design Professional's Basic Services under this Agreement shall be limited to the design and construction of the building and shall not include 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 for construction administration and supervision 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 or cost, including reasonable attorneys' fees and costs of defense, arising out of or from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to Contract Documents to reflect changed field or other conditions, and/or from the Design Professional's negligence or willful misconduct in the performance of its duties under this Agreement.

ASSIGNMENT OF INSTRUMENTS OF SERVICE

All reports, plans, drawings, specifications, and other instruments of service and documents prepared by the Design Professional as instruments of service shall remain the property of the Design Professional. The Design Professional shall retain all common law, statutory and other reserved 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 of which the Client becomes aware, in writing, within a reasonable time after the completion of the work or services. The Client warrants that he or she will impose a similar notification requirement on all contractors in his or her Client/Contractor contract and shall require all subcontractors at any level to contain a similar provision. Failure by the Client, and the Design Professional, to promptly report to the Design Professional any defects or suspected defects in the Design Professional's work or services shall constitute a waiver of the Client's right to recover the sum of such remedy would have been had had prompt notification 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 be incorrect, the Design Professional shall not be responsible for any defects or suspected defects in the Design Professional's work or services that may be caused by the Client's failure to verify the accuracy of the information provided to the Design Professional. The Design Professional shall not be responsible for any defects or suspected defects in the Design Professional's work or services that may be caused by the Client's failure to verify the accuracy of the information provided to the Design Professional.



WHITMAN
512 NE 596th AVE
OLD TOWN, FL 32148-1481

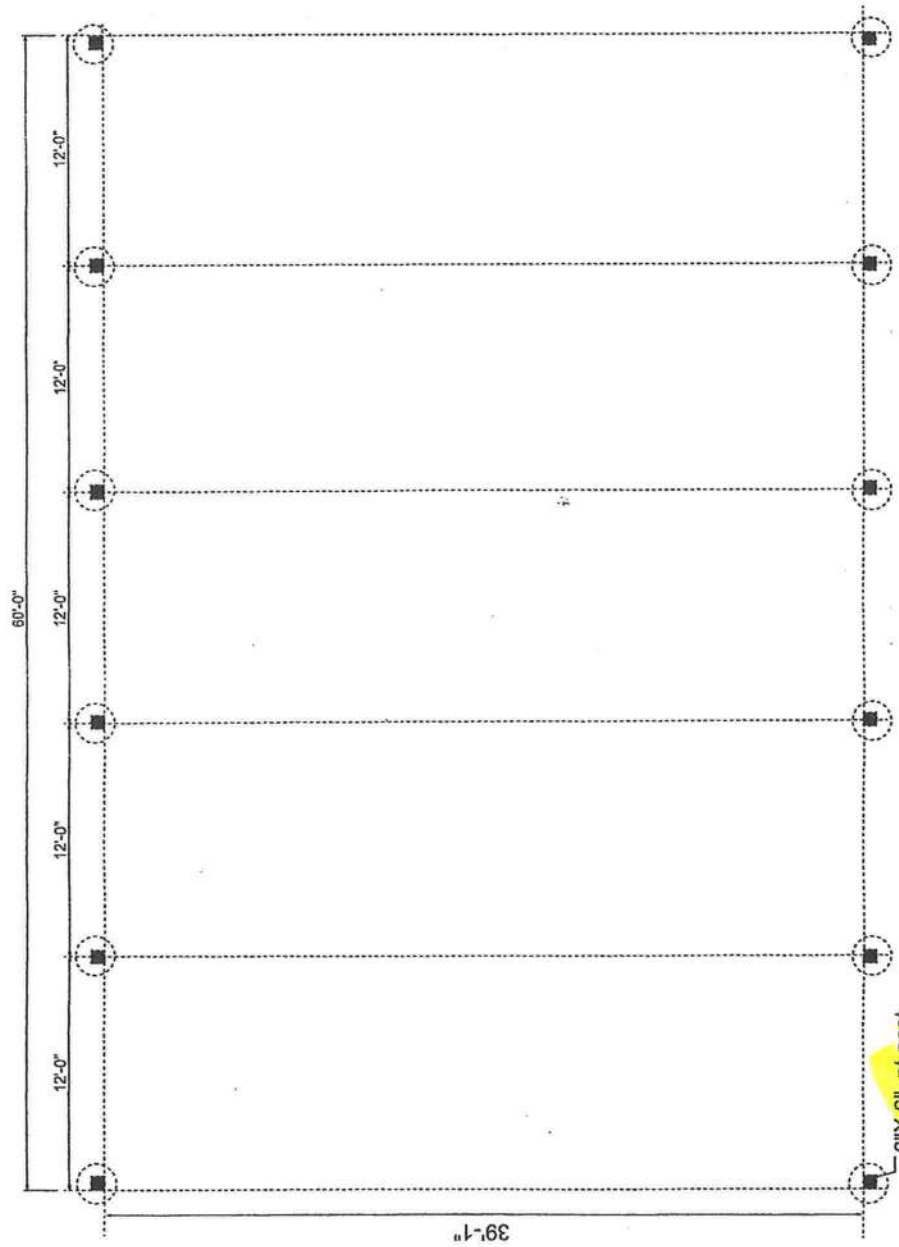
8-2-21
Michael E Driscoll PE
FL Reg #43922

40' x 60' POLE STORAGE STRUCTURE

(1 set)

40.5 outside S x S

Inside
↑

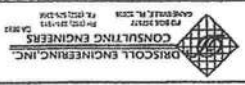


6"X 6" pt post
24" dia. x 48" deep
post footing (typ)

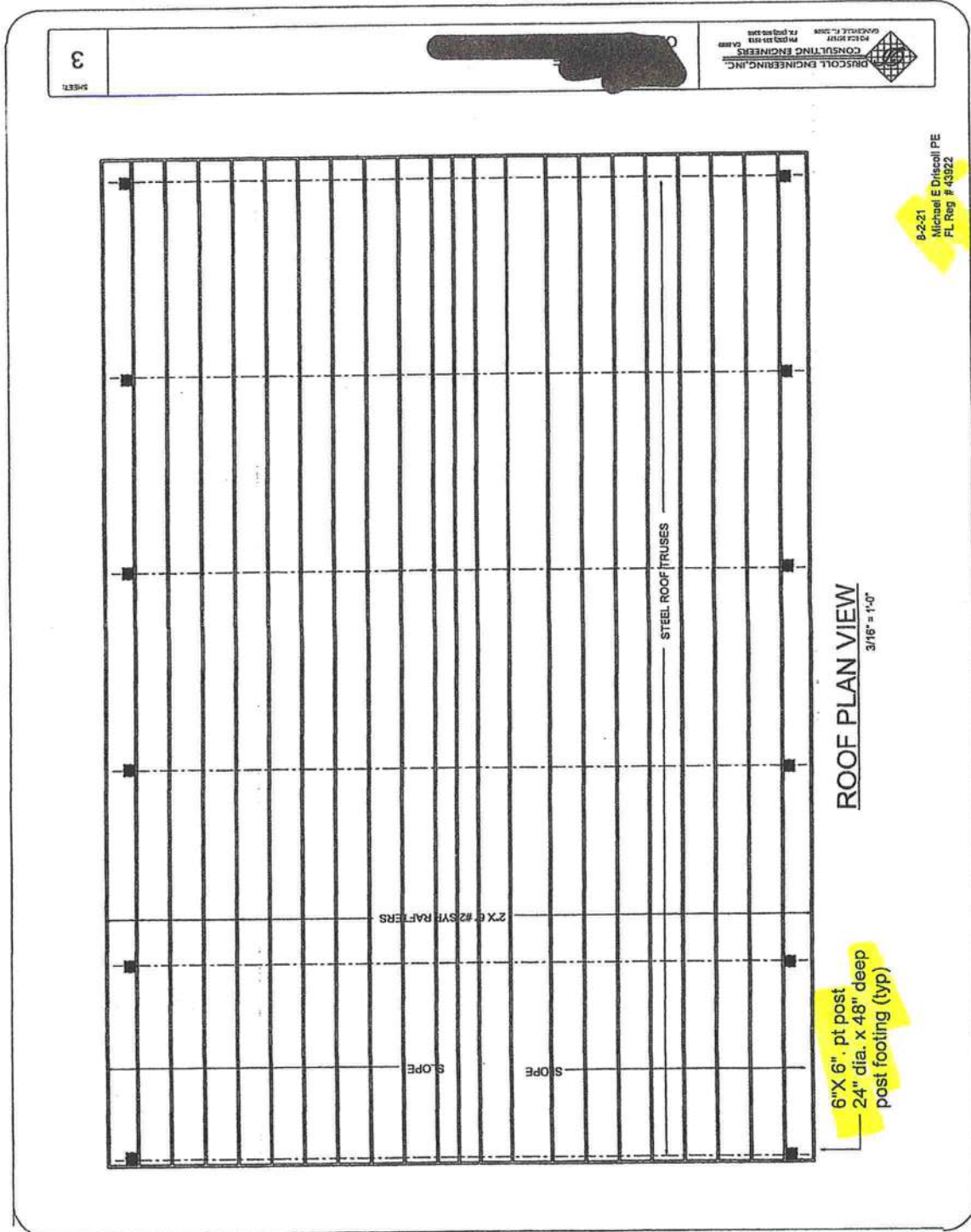
FOUNDATION PLAN VIEW

3/16" = 1'-0"

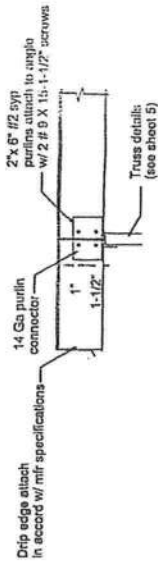
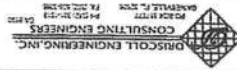
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Michael E. Dineen, PE
FL Reg # 43822



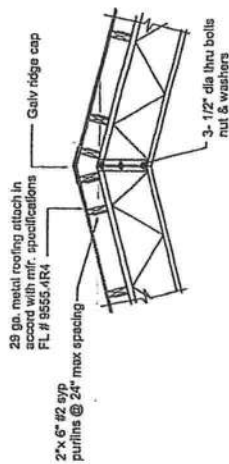
WHITMAN
512 NE 59th AVE
OLD TOWN, FL 32148-1481-usa



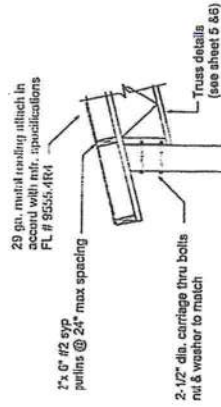
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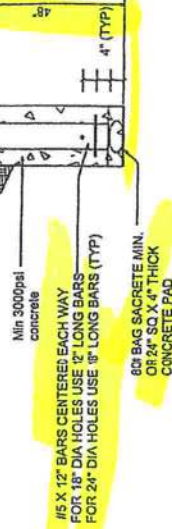
PURLIN CONNECTION DETAIL



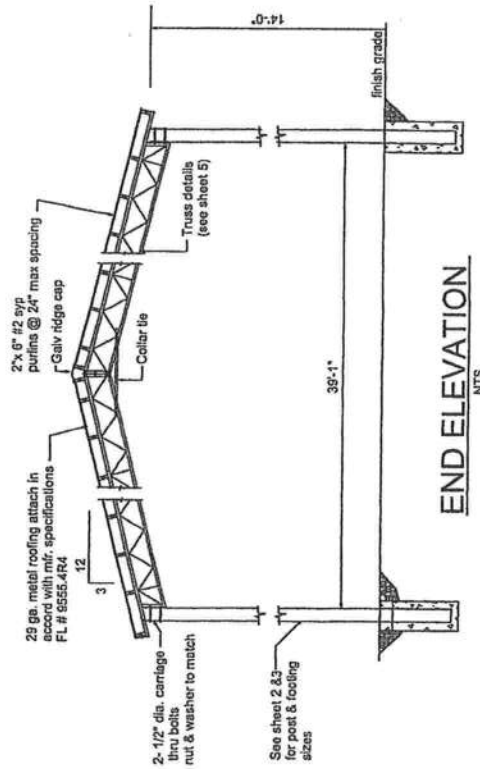
RIDGE CONNECTION DETAIL



See sheet 2 & 3 for post & footing sizes



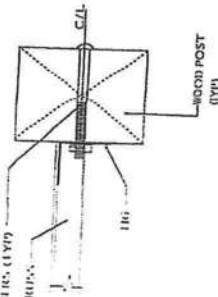
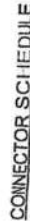
POST FOOTING TO TRUSS DETAIL



END ELEVATION

NTS

8-2-21
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FL Reg # 43922



TRUSS TO POST DETAIL
PLAN VIEW

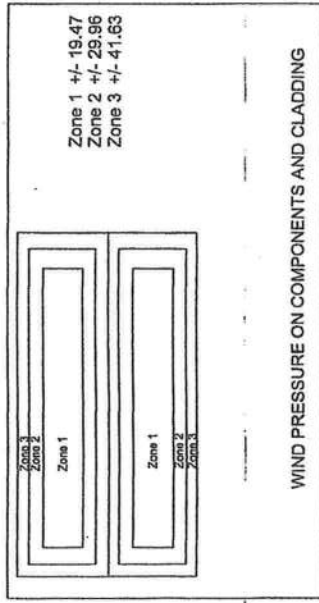
TRUSS DETAILS

8-2-21
Michael E Driscoll PE
FL Reg # 43922

No.	ELEMENT	MATERIAL (50 KSI)	DESCRIPTION
M1	Collar Tie	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M2	Collar Tie	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M3	Top Chord	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M4	Bottom Chord	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M5	Center vertical	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M6	End Vertical	ASTM 572	1-1/2" x 1-1/2" x 3/16"
M7	Bearing angle	ASTM 572	1-3" x 2" x 3/8"
M8	Inside vertical	ASTM 572	1-3" x 2" x 3/8"
M9	Diagonal web	ASTM 572	1-1/4" x 1-1/4" x 1/8"

STEEL TRUSS CROSS SECTION

- 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 POSTS SHALL BE #2 DENSE PRESSURE TREATED GROUND CONTACT.
- 9- PRIMING & PAINTING SHALL BE DONE BY TRUSS MANUFACTURER.
- 10- MIN EDGE DISTANCE FOR BOLT HOLES SHALL BE 3/4" MIN
- 11- MAX TRUSS SPACING SHALL NOT EXCEED 12' 0" MIN
- 12- THE DESIGNER DISCLAIMS ANY RESPONSIBILITY FOR DAMAGES AS A RESULT OF TRUSSES.
- 13- THE DESIGNER DISCLAIMS ANY RESPONSIBILITY FOR DAMAGES AS A RESULT OF EXERCISES.
- 14- THE DESIGNER DISCLAIMS ANY RESPONSIBILITY FOR DAMAGES AS A RESULT OF EXERCISES.



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

ULTIMATE WIND SPEED: 130
 NOMINAL WIND SPEED: 101
 WIND EXPOSURE CATEGORY: B
 RISK CATEGORY 1 NON HABITABLE
 INTERNAL PRESSURE COEFFICIENT Gcpi= +/- 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 2500 PSF
 TRUSS BEARING LOAD EACH END 5200LB
 TRUSS UPLIFT @ POST 3400LBS

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

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

CONCRETE MIX A

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 #

3. Shotcrete mix
4. 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.
5. Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
6. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
7. All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
8. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

PROFESSIONAL SERVICES BY
 DRISCOLL ENGINEERING, INC.
 512 NE 596th AVE
 CAINEVILLE, FL 32005
 PH (904) 613-9113
 CA 6800

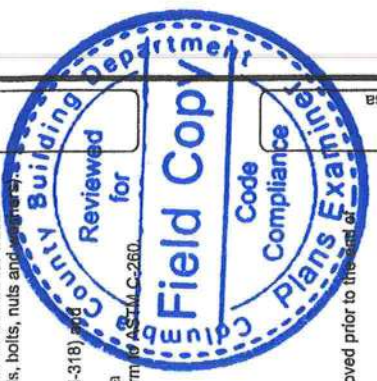
DESIGN AND SPECIFICATIONS
 The plans and specifications are prepared solely for the anticipated construction at the locations shown. If construction plans change, the Design Professional should be notified so the plans and specifications can be re-evaluated. The Design Professional should be given the opportunity to review final plans and specifications to see if they conform to the original intent of the Design Professional. The Design Professional warrants that the plans and specifications combined 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 is acting as an independent contractor under this Agreement and does not intend to provide 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 for coordination of the Design Professional's work with all other parties involved in the project. The Design Professional shall not be held liable for any claims arising from the performance of such services by other persons or entities and from any and all claims arising from modifications, corrections, interpretations, adjustments or changes made to Contract Documents to reflect changed site conditions or other factors not shown on the original plans and specifications or which would result in a material change to the design or construction of the project.

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

DEFECTS IN SERVICE
 The Client shall promptly report to the Design Professional any defects or suspected defects in the work. The Design Professional may also measure to determine the consequences of such a defect. The Client warrants that he or she will impose a similar notification requirement on all contractors in his or her Client/Contractor contract and shall require all subcontractors to notify the Design Professional of any defects or suspected defects in the work. The Design Professional or subcontractor is not to be held liable for the cost of remedying the defects above the sum such remedy would have cost had prompt notification been given.

VERIFICATION OF EXISTING CONDITIONS
 Inasmuch as the remedying and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may be incorrect, the Design Professional warrants that he or she will make a diligent effort to verify the existence of the conditions upon which the design is based. 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 cost of defense) provided under this Agreement, excepting only those damages, liabilities, or costs attributable to the sole negligence or willful misconduct of the Design Professional.

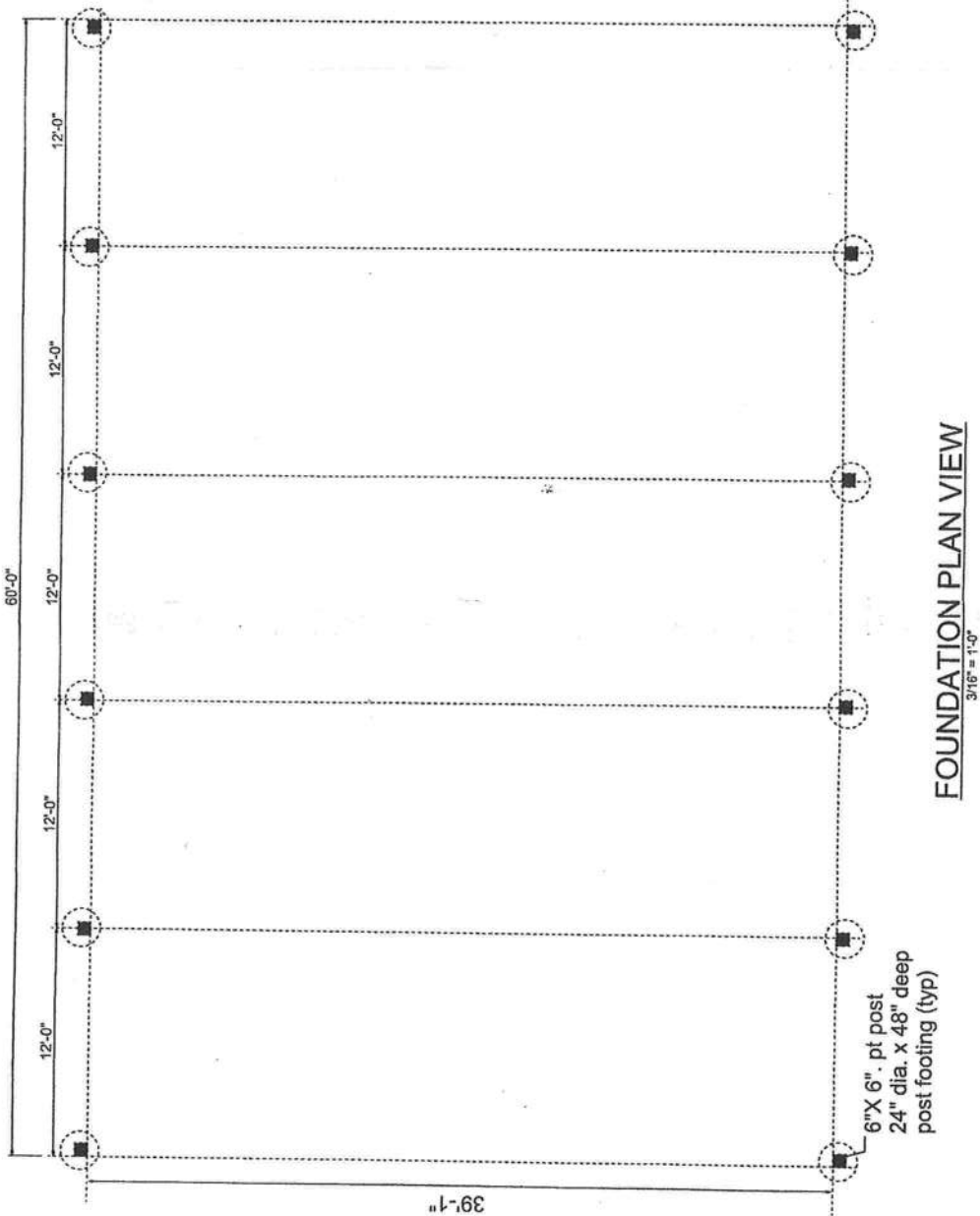


WHITMAN
 512 NE 596th AVE
 OLD TOWN, FL 32071-481-USA

8-2-21
 Michael E Driscoll PE
 FL Reg # 43922

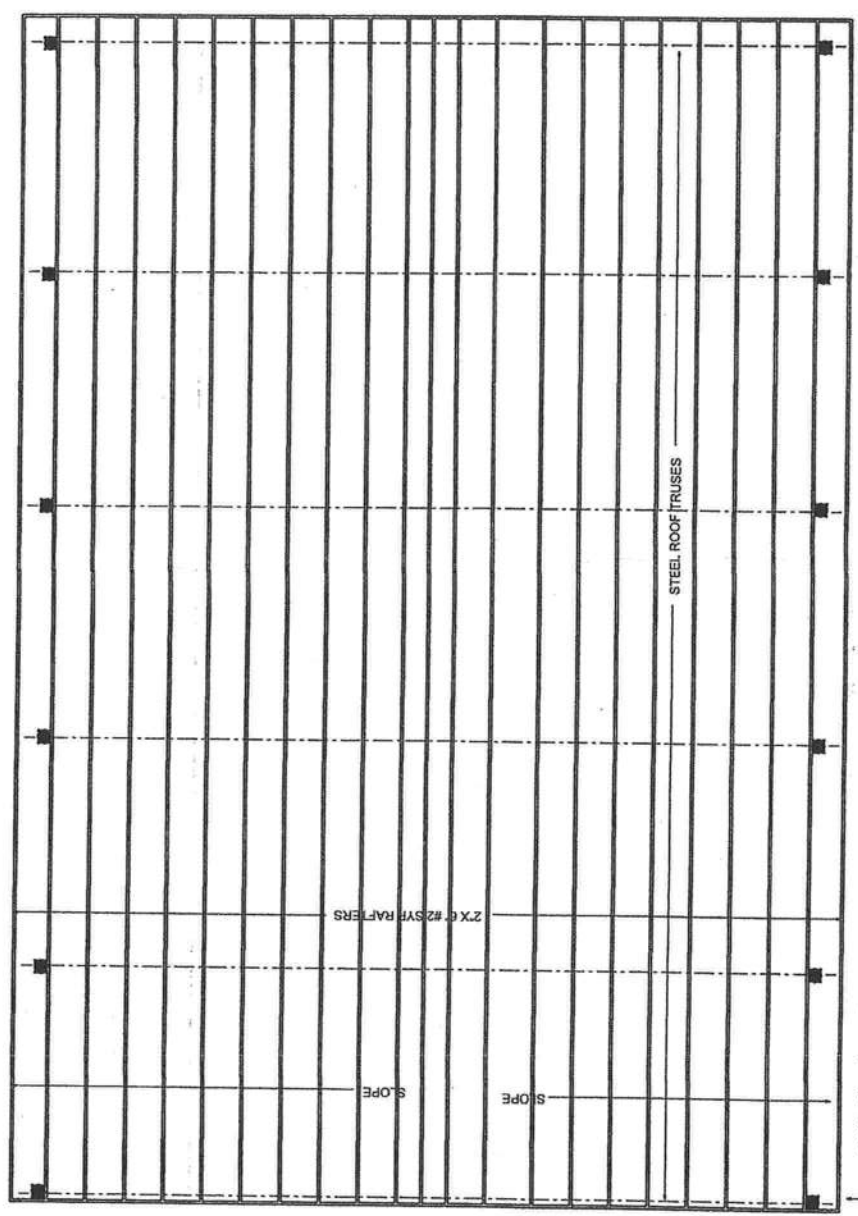
40' x 60' POLE STORAGE STRUCTURE

40.5 outside 5x8



FOUNDATION PLAN VIEW
3/16" = 1'-0"

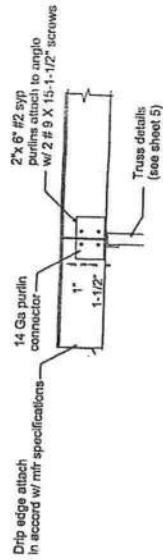
Inside ↑



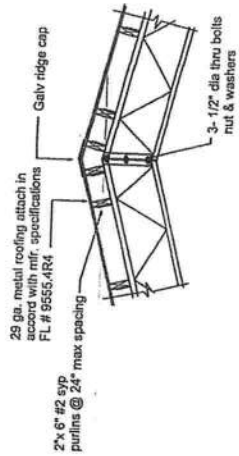
ROOF PLAN VIEW
 $\frac{3}{16}'' = 1'-0''$

6"X 6" pt post
 24" dia. x 48" deep
 post footing (typ)

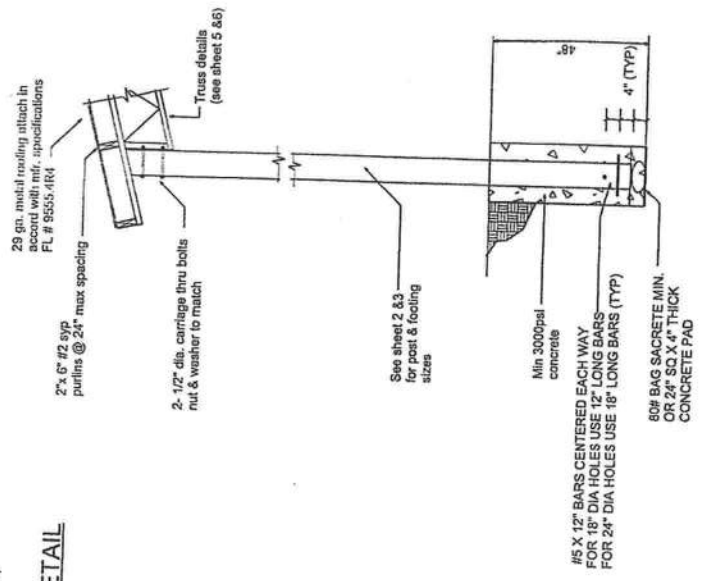
8-2-21
 Michael E. Driscoll PE
 FL Reg # 43922



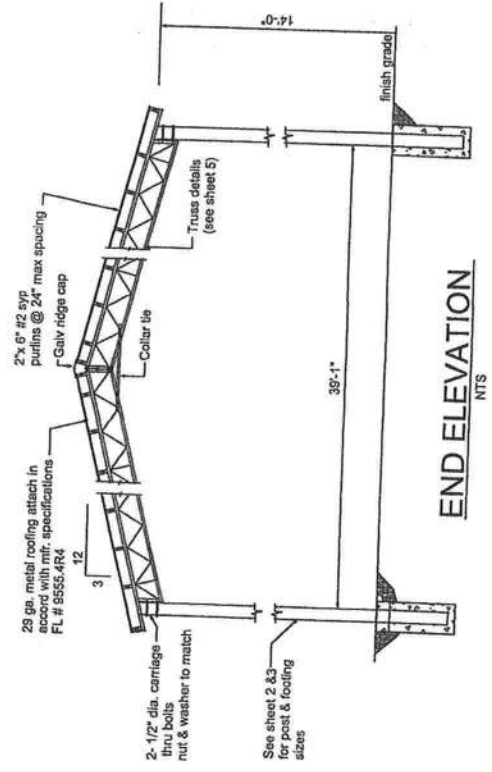
PURLIN CONNECTION DETAIL



RIDGE CONNECTION DETAIL

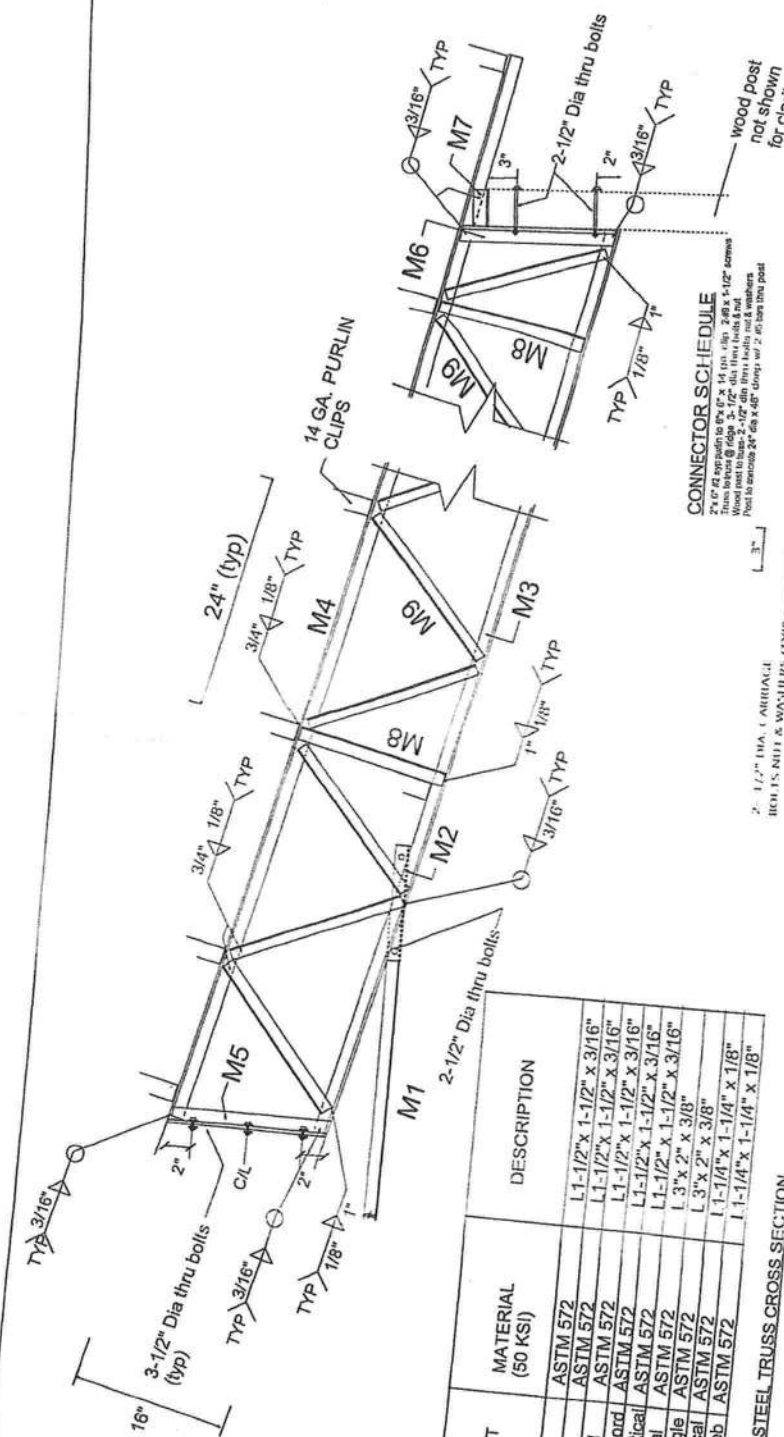


POST FOOTING TO TRUSS DETAIL

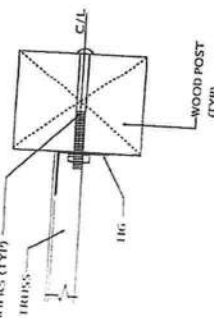


END ELEVATION
NTS

8-2-21
Michael E Driscoll PE
FL Reg # 43922



CONNECTOR SCHEDULE
2 x 10 #2 spaced @ 16" o.c. x 14 ga. clips. 2 @ 5 x 1-1/2" screws
Thru bolts @ edges. 3-1/2" dia thru bolts and washers
Post to support 24" dia x 48" deep w/ 2 #5 bars thru post



TRUSS TO POST DETAIL
PLAN VIEW

TRUSS DETAILS

No.	ELEMENT	MATERIAL (50 KSI)	DESCRIPTION
M1	Collar Tie	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M2	Collar Tie	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M3	Top Chord	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M4	Bottom Chord	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M5	Center vertical	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M6	End Vertical	ASTM 572	L 1-1/2" x 1-1/2" x 3/16"
M7	Bearing angle	ASTM 572	L 3" x 2" x 3/8"
M8	Inside vertical	ASTM 572	L 3" x 2" x 3/8"
M9	Diagonal web	ASTM 572	L 1-1/4" x 1-1/4" x 1/8"
		ASTM 572	L 1-1/4" x 1-1/4" x 1/8"

STEEL TRUSS CROSS SECTION

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 IN ACCORD WITH CURRENT AWS REQUIREMENTS.
- 6-BOLTS SHALL BE DONE BY A CERTIFIED WELDER.
- 7- WELD STRENGTH 70 KSI MIN.
- 8- ALL POSTS SHALL BE #2 DENSE PRESSURE TREATED GROUND CONTACT.
- 9- PRIMING & PAINTING SHALL BE DONE BY TRUSS MANUFACTURER.
- 10- MIN EDGE DISTANCE FOR BOLT 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 FOR EXERCISES NO CONTROL WITH REGARD TO FABRICATION, HANDLING, AND INSTALLATION OF TRUSSES.

8-2-21
Michael E Driscoll PE
FL Reg # 43922