BUILDING CODE	2020 FBC, 7th Edition 2017 NATIONAL ELECTRICAL CODE (NFPA-70)
BUILDING TYPE	RESIDENTIAL LAWN STORAGE
MANUFACTURER	GRACELAND PORTABLE BUILDINGS
AGENCY	TOP LINE ENGINEERING, LLC
AGENCY PLAN NUMBER	CPC-2020
CONSTRUCTION TYPE	V-B
FIRE PROTECTION	В
FIRE SUPPRESSION SYSTEM	NO
OCCUPANCY	UTILITY
ALLOWABLE # OF STORIES	1
WIND VELOCITY	150 MPH - EXPOSURE: C 3 SECOND GUST
FIRE RATING OF EXTERIOR WALLS	0 HOUR
FLOOR LIVE LOAD/DEAD LOAD	40PSF/10PSF
ROOF LIVE LOAD/DEAD LOAD	20PSF/10PSF
"R" RATING OF FLOOR, WALL, AND ROOF	R-0, R-0, R-0
MODULES PER BUILDING	1
SQUARE FOOTAGE	719 SQ-FT
HVHZ APPROVED	NO

#### GENERAL NOTES:

- 1. FOUNDATION PLANS ARE NOT PART OF THIS PLAN SET AND ARE GOVERNED BY LOCAL JURISDICTION.
- 2. BUILDINGS ARE APPROVED FOR RESIDENTIAL LAWN STORAGE ONLY.
- 3. THIS BUILDING IS EXEMPT FROM THE FECC PER SECTIONS R101.4.2.4, R402.1.
- 4. REFER TO TIE DOWN DETAILS FOR PROPER INSTALLATION REQUIREMENTS TO MEET CODE.
- 5. ALL LUMBER FOR CONSTRUCTION WILL BE #2 SYP EXCEPT AS NOTED.
- 6. GUTTERS SHALL BE SITE INSTALLED PER THE LOCAL AUTHORITY HAVING JURISDICTION AND PERMITTING REQUIREMENTS.
- 7. ALL WINDOWS AND DOORS TO MEET THE MINIMUM SPECIFICATIONS PER THE APPROVED PLANS AND THE FLORIDA BUILDING CODE.

- 8. IN ACCORDANCE WITH FBC 1609.1.2, "STORAGE SHEDS THAT ARE NOT DESIGNED FOR HUMAN HABITATION AND THAT HAVE A FLOOR AREA OF 720 SQUARE FEET OR LESS AR NOT REQUIRED TO COMPLY WITH THE MANDATORY WINDBORNE DEBRIS IMPACT STANDARDS OF THIS CODE".
- 9. IN ACCORDANCE WITH FBC 1010.1.1, EXCEPTION (10.), BUILDINGS THAT ARE 400 SQ FT OR LESS AND THAT ARE INTENDED FOR USE IN CONJUCTION WITH ONE- AND TWO-FAMILY RESIDENCES ARE NOT SUBJECT TO THE DOOR HEIGHT AND WIDTH REQUIREMENTS OF THIS CODE. STRUCTURES 400 SQ-FT OR MORE SHALL HAVE AN 80" MINIMUM DOOR.
- 10. IN ACCORDANCE WITH FLORIDA STATUTE 553.80 (1)D. LAWN STORAGE BUILDINGS AND STORAGE SHEDS BEARING THE INSIGNIA OF APPROVAL OF THE DEPARTMENT ARE NOT SUBJECT TO 553,842 (FLORIDA PRODUCT APPROVALS) BUT SHALL MEET THE DESIGN WIND LOAD REQUIREMENTS OF THE 2020 FBC 7TH EDITION.
- 11. FLAT METAL SCRAPS CAN BE BENT AROUND STRUCTURAL MEMBERS OF WALL STUDS, TRUSSES CHORDS, ETC. TO HELP SECURE THESE MEMBERS. PROVIDED THAT THE ADDED BEND DOES NOT INTERFERE WITH ANY OF THE EXISTING BREAKS/BENDS IN THE STRAP.
- 12. AS PER FBC SECTION 1626.1 EXCEPTION (F): STORAGE SHEDS THAT ARE NOT DESIGNED FOR HUMAN HABITATION AND THAT HAVE A FLOOR AREA OF LESS THAN 720 SQUARE FEET OR LESS ARE NOT REQUIRED TO COMPLY WITH THE MANDATORY WINDBORNE DEBRIS IMPACT STANDARDS OF THIS CODE.
- 13. COMPONENTS/CLADDING ARE IN COMPLIANCE WITH THE 2020 FBC 7TH EDITION.
- 14. SHEDS LOCATED IN FLOOD HAZARD AREAS MUST COMPLY WITHT HE LOCAL FLOOD ZONE REGULATIONS.
- 15. IF A WALL IS FRAMED FOR FUTURE HVAC UNITS THAT SHALL BE APPROVED BY THE AHJ AND SHALL COMPLY WITH LOCAL REQUIREMENTS FOR PERMITTING.
- 16. WINDOWS AND DOORS INSTALLED BY THE CUSTOMER THAT SHALL BE APPROVED BY THE AHJ AND SHALL COMPLY WITH LOCAL REQUIREMENTS FOR PERMITTING.

- 17. HVHZ COMPONENTS FOR SHEDS REQUIRE THAT INSTALLATION BE PER MANUFACTURER'S INSTRUCTIONS.
- 18. STRUCTURES ARE DESIGNED FOR LOCATIONS WITH A SURFACE ROUGHNESS CATEGORY B AND A TOPOGRAPHICAL FACTOR OF 1.0. STRUCTURES SHOULD NOT BE USED IN OTHER LOCATIONS.
- 19. STRUCTURES SHOULD HAVE METAL ROOF OR OPTIONAL 25 YEAR RATED FIBERGLASS/ASPHALT SHINGLES.
- 20. ALL STUDS, RAFTERS, COLLAR TIES, AND TRUSS CHORDS ARE SPF #2, U.N.O.
- 21. ALL EXTERIOR WOOD IS TO BE PRESSURE TREATED.
- 22. ALL ROOF DECKING IS TO BE 1/6" O.S.B.
- 23. ALL SIDING IS TO BE %" P.T. T-III PLYWOOD OR DURATEMP.
- 24. ALL FLOOR JOISTS ARE TO BE P.T. SYP #2.
- 25. ALL EXTERIOR NAILS ARE TO BE HOT DIPPED GALVANIZED.
- 26. ALL FLOOR DECKING IS TO BE %" P.T. PLYWOOD.
- 27. ALL SKIDS ARE TO BE 4x6 P.T. SYP. RATED FOR GROUND CONTACT.
- 29. THE STRUCTURE HAS BEEN DESIGNED TO RESIST LOADS AS A COMPLETED STRUCTURE ONLY. APPLICATION OF CONSTRUCTION LOADS TO THE PARTIALLY COMPLETED STRUCTURE SHALL BE CONSIDERED BY THE CONTRACTOR AND INCLUDED IN THE DESIGN OF SHORING, BRACING, FORM WORK, AND OTHER SUPPORTING ELEMENTS PROVIDED FOR CONSTRUCTION OF THE STRUCTURE.
- 29. NO FIELD SUPERVISION OR CONSTRUCTION ADMINISTRATION HAS BEEN PROVIDED BY THE ENGINEER.
- 30. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- 31. DIFFERENTIAL PRESSURE: WINDOWS & DOORS =  $\pm /-25PSF$

### BUILDING SIZES:

12' NOMINAL WIDTH*	14' NOMINAL WIDTH**
*NOTE:(11'-2 ACTUAL)	**NOTE:(13'-0 ACTUAL)
12'x20'	14'x24'
12'x24'	14'x28'
12'x28'	14'x32'
12'x32'	14'x36'
12'x36'	14'x40'
12'x40'	

16' NOMINAL WIDTH\*\*\* \*\*\*NOTE:(15'-0 ACTUAL) 16'x20' 16'x24' 16'x28'

16'x32' 16'x36' 16'x40'

### INDEX OF SHEETS:

S-O-CPC - COVER SHEET

S-OA-CPC - GENERAL NOTES (CONT.)

S-1-CPC - FOUNDATION PLAN (NOT USED) S-2-CPC - UPLIFT ANCHORAGE (NOT USED)

S-3-CPC - FRAMING PLAN

S-4-CPC - BUILDING SECTIONS S-5-CPC - ELEVATIONS

S-6-CPC - NAILING PATTERN

S-7-CPC - DETAILS S-8-CPC - DETAILS

S-8A-CPC - DORMER DETAILS

## ITEMS BY OTHERS:

THE FOLLOWING ITEMS ARE NOT PROVIDED BY RAILROAD CONSULTANTS, PLLC AND ARE TO BE DESIGNED BY OTHERS IF APPLICABLE AND ARE TO BE SUPPLIED AND INSTALLED BY OTHERS. THESE ITEMS MAY BE SUBJECT TO LOCAL JURISDICTION APPROVAL. RAILROAD CONSULTANTS, PLLC IS NOT RESPONSIBLE THESE ITEMS.

1. RAMPS, STAIRS, AND GENERAL ACCESS

\*\*\* Please note: Any questions regarding local permitting should be directed to the Manufacturer. The Manufacturer's contact information can be found in the title block of the plans.

NOT APPROVED FOR HVHZ



William E. Neary, III SMP-51, SMI-79, ICC 5185040 10649 Oakview Pointe Terrace Gotha, Florida 34734

RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129 PHONE: (615) 663-1142



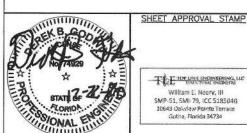
GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642

IER PORCH CAB--FL--V=150MPH-FBC 2020

PROJECT NO: 4061001FL DATE: 12-22-20 DRAWN BY: JMG CHECKED BY: DBG REVISION:

03

SHEET NUMBER



## GENERAL NOTES (CONT.)

32. HARDIE OR LP LAP SIDE OR EQUAL (8-1/4", 7" EXPORSURE/REVEAL) INSTALLED OVER 7/16" OSB ARE ACCEPTABLE ALTERNATES TO THE ORIGINAL DESIGN FOR ALL STRUCTURES AND THEY MEET OR EXCEED ALL APPLICABLE BUILDING CODES.

#### DESIGN CRITERIA:

- DEAD LOADS: LOFT: 5 PSF
- 2. LIVE LOADS: LOFT: 10 PSF
- SNOW LOADS: GROUND SNOW LOAD, Pg=25psf FLAT ROOF SNOW LOAD, Pf=20psf SNOW EXPOSURE FACTOR, Ce=1.2 SNOW LOAD IMPORTANCE FACTOR, I=0.8 THERMAL FACTOR, Ct=1.2
- 4. WIND LOADS:
  BASIC WIND SPEED, V=150 MPH
  RISK CATEGORY = |
  WIND EXPOSURE B
  C&C ROOF-ZONE 1=23.3, -37.0 psf
  C&C ROOF-ZONE 2=23.3, -64.5 psf
  C&C ROOF-ZONE 3=23.3, -95.4 psf
  C&C WALL-ZONE 4=40.5, -43.9 psf
  C&C WALL-ZONE 5=40.5, -54.2 psf
- 5. SEISMIC LOADS: THIS STRUCTURE IS EXEMPT FROM SEISMIC DESIGN PER EXEMPTION 3 OF ASCE 7-16, SECTION 11.1.2

NOT APPROVED FOR HVHZ



SHEET APPROVAL STAMP

TLE TOP LINE PROBREMS LIC

William E. Neery, III

SMP-51, SMI-79, ICC 5185040

10649 Oakview Pointe Terrace

Gotha, Florida 34734

## CORNER PORCH CAB--FL--V=150MPH-FBC 2020



RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129 PHONE: (615) 663-1142



GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642 PHONE: (888) 472-2304

PROJECT NO: 4061001FL

DATE: 12-22-20

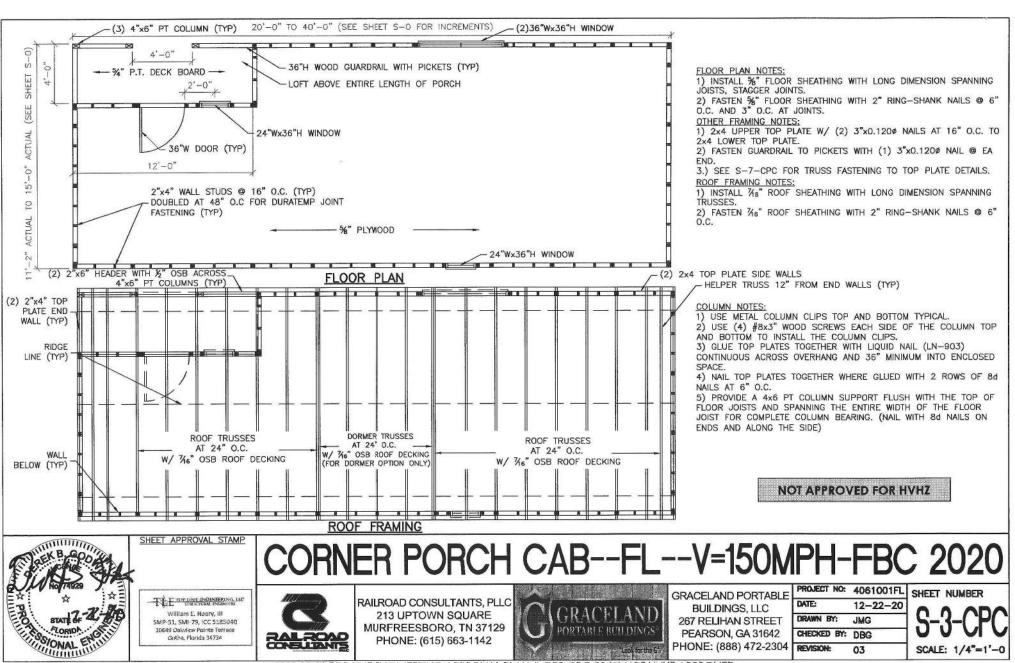
DRAWN BY: JMG

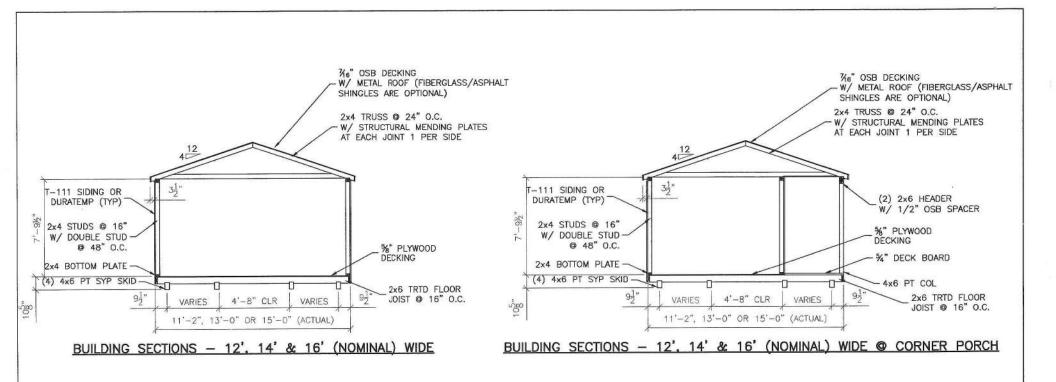
CHECKED BY: DBG

03

REVISION:

SHEET NUMBER





#### NOTES:

- 1) FOR METAL GAUGE OF ROOF DECKING SEE S-5-CPC.
- 2) FOR MFGR AND SIZE OF TRUSS MENDING PLATES SEE S-7-CPC.
- 3) FOR BOTTOM PLATE & SKID FASTENING SEE S-8-CPC.
- 4) FOR WALL SHEATHING FASTENING SEE S-6-CPC.
- 5) FOR OPTIONAL DORMER SEE S-8A-CPC.

NOT APPROVED FOR HVHZ



SHEET APPROVAL STAMP

TEE TOP LINE INCOME AND LINE

William E. Neary, III

SMP-51, SMI-79, ICC \$185040

10649 Oakview Pointe l'errace Gotha, Florida 34734 CORNER PORCH CAB--FL--V=150MPH-FBC 2020



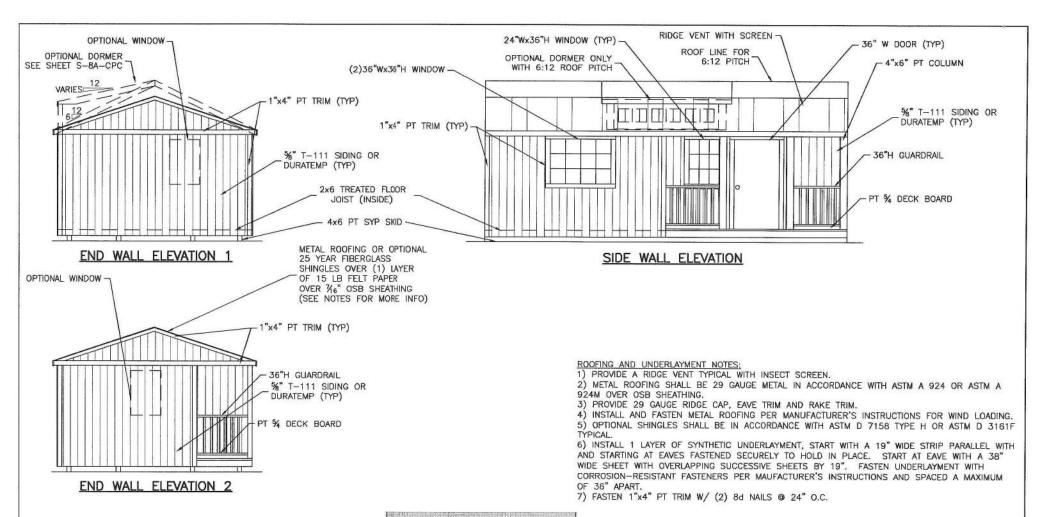
RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129 PHONE: (615) 663-1142



GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642 PHONE: (888) 472-2304

PROJECT NO: 4061001FL
DATE: 12-22-20
DRAWN BY: JMG
CHECKED BY: DBG
REVISION: 03

S-4-CPC SCALE: 1/4"=1'-0



NOT APPROVED FOR HVHZ



SHEET APPROVAL STAMP

## CORNER PORCH CAB--FL--V=150MPH-FBC 2020

TEE TOP UNE ENGINEERING ALC

William E. Neary, III SMP-51, SMI-79, ICC 5185040 10649 Oakview Pointe Terrace Gotha, Florida 34734



RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129 PHONE: (615) 663-1142



GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642 PHONE: (888) 472-2304 PROJECT NO: 4061001FL

DATE: 12-22-20

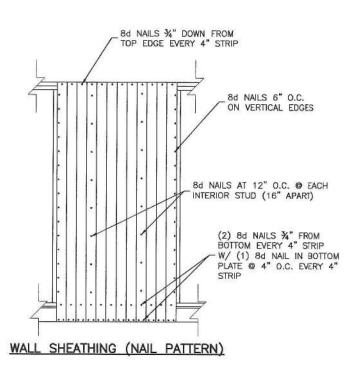
DRAWN BY: JMG

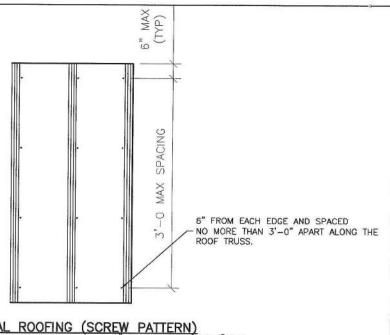
CHECKED BY: DBG

03

REVISION:

S-5-CPC SCALE: 1/4"=1'-0





METAL ROOFING (SCREW PATTERN)

RING SHANK NAILS 3" O.C. @ EDGES AND JOINTS 2" RING SHANK NAILS 6" O.C. @ EACH JOIST (16" APART)

NOT APPROVED FOR HVHZ

RNER PORCH CAB

FLOOR SHEATHING (NAIL PATTERN)



TEE TOP THE ENGINEERING THE William E. Neery, III 5MP-51, SMI-79, ICC 5185040 10649 Oakview Pointe Terrace Gotha, Florida 34734

SHEET APPROVAL STAMP

RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129

PHONE: (615) 663-1142

GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642

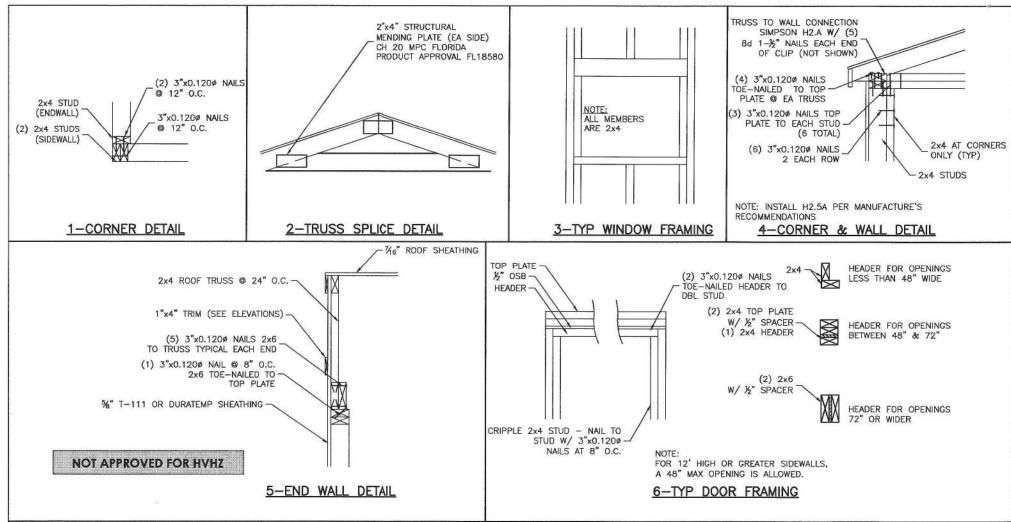
PHONE: (888) 472-2304

PROJECT NO: 4061001FL DATE: 12-22-20 DRAWN BY: JMG CHECKED BY: DBG

REVISION: 03 SCALE: 1/2"=1'

H-FBC 2020

SHEET NUMBER





SHEET APPROVAL STAMP

#### TLE TOP LINE ENGINEERING, LIC

William E. Neary, III SMP-51, SMI-79, ICC 5185040 10649 Oakview Pointe Terrace Gotha, Florida 34734



RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129

PHONE: (615) 663-1142



**GRACELAND PORTABLE** BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642

PHONE: (888) 472-2304

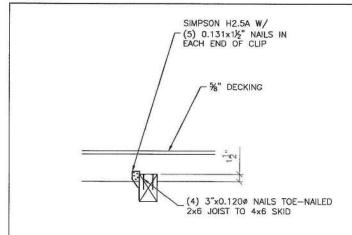
NER PORCH CAB--FL--V=150MPH-FBC 2020

DATE: 12-22-20 DRAWN BY: JMG CHECKED BY: DBG REVISION: 03

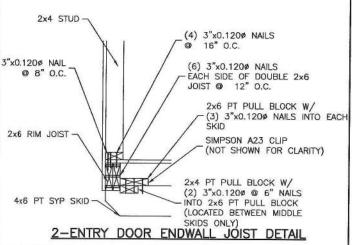
PROJECT NO: 4061001FL

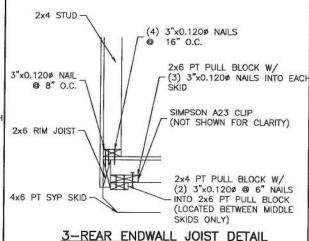
SHEET NUMBER

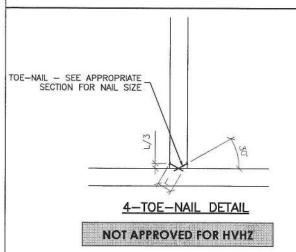
SCALE: 1"=1



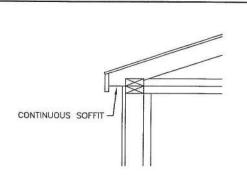
1-INNER & OUTER SKID DETAIL @ EVERY JOIST







PT 2x4x48" LAP SPLICE FASTENED WITH (2) - 3" RING-SHANK NAILS 3" O.C. EACH SIDE OF SKID (24 PER 2x4) 4X6 SKID WITH 11/2" WIDE x 1" DEEP NOTCHES - AT 16" O.C. ENTIRE LENGTH OF SKID TO 16" O.C ACCOMMODATE FLOOR JOISTS (TYP) 5-SKID DETAIL



NOTE: SOFFIT VENTS SHALL BE SPACED AT 24" MAX AND SHALL BE SPACED SO THAT THEY ARE BETWEEN TRUSSES ON EITHER SIDE OF THE EAVES

6-SOFFIT VENTS



SHEET APPROVAL STAMP

TEE TOP LINE ENGINEERING, ILC

William E. Neery, III

SMP-51, SMI-79, ICC 5185040

10649 Oakview Pointe Terrace

Gotha, Florida 34734

# ORNER PORCH CAB--FL--V=150MPH-FBC 2020



RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129 PHONE: (615) 663-1142



GRACELAND PORTABLE BUILDINGS, LLC 267 RELIHAN STREET PEARSON, GA 31642 PHONE: (888) 472-2304

PROJECT NO: 4061001FL DATE: 12-22-20 DRAWN BY: JMG CHECKED BY: DBG REVISION:

03

SHEET NUMBER

SCALE: 1"=1

