CODE CRITERIA:

THE CONTRACTOR/MANUFACTURER SHALL COMPLY WITH THE FOLLOWING CODES AND ALL APPLICABLE AMENDMENTS/SUPPLEMENTS:

- 1. 2018 INTERNATIONAL BUILDING CODE
- 2. 2018 RESIDENTIAL BUILDING CODE

PROJECT NOTE:

THIS BUILDING IS NOT DESIGNED FOR HUMAN HABITATION AND DOES NOT HAVE WATER, SEWER, ELECTRICAL OR HVAC SYSTEMS. THIS BUILDING IS DESIGNED AS A MINOR STORAGE OCCUPANCY ONLY. GENERAL NOTES:

- 1. STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2018.
- 2. ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE.
- 3. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- 4. STRUCTURES ARE CLASSIFIED AS "MINOR STORAGE FACILITIES" (OCCUPANCY CATEGORY I) AND SHOULD NOT BE USED FOR HUMAN HABITATION.
- 5. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT HAVE A 3 SECOND WIND GUST OF 150 MPH (MAX). STRUCTURES SHOULD NOT BE USED IN OTHER LOCATIONS.
- 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.

- 7. STRUCTURES SHOULD HAVE METAL ROOF OR OPTIONAL 25 YEAR RATED FIBERGLASS/ASPHALT SHINGLES WITH 1 LAYER OF 15 LB ROOFING FELT.
- 8. ALL STUDS, RAFTERS, COLLAR TIES, AND TRUSS CHORDS ARE SPF #2, U.N.O.
- 9. ALL EXTERIOR DIMENSIONAL WOOD IS TO BE PRESSURE
- 10. ALL ROOF DECKING IS TO BE $\frac{7}{6}$ " O.S.B.
- 11. ALL SIDING IS TO BE 19 %2 T-111 OR DURATEMP SIDING W/ 50 YR LTD MFG WARRANTY.
- 12. ALL FLOOR JOISTS ARE TO BE P.T. SYP #2.
- 13. ALL EXTERIOR NAILS ARE TO BE HOT DIPPED GALVANIZED.
- 14. ALL INTERIOR FLOOR DECKING IS TO BE \(\frac{\pi}{n} \) PLYWOOD. EXTERIOR TO BE 54" P.T.
- 15. ALL SKIDS ARE TO BE 4x6 P.T. SYP, RATED FOR GROUND 6. WIND LOADS:
- 16. 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.
- 17. NO FIELD SUPERVISION OR CONSTRUCTION ADMINISTRATION 7. SEISMIC LOADS: WILL BE PROVIDED BY THE ENGINEER. ITEMS BY OTHERS:

- 1. 2018 INTERNATIONAL BUILDING CODE 2. 2018 RESIDENTIAL BUILDING CODE
- 3. DEAD LOADS: FLOOR: 10 PSF LOFT: 5 PSF ROOF: 10 PSF
- 4. LIVE LOADS:

FLOOR: 40 PSF (16" JOIST SPA) FLOOR: 60 PSF (12" JOIST SPA) LOFT: 10 PSF ROOF: 20 PSF (REDUCIBLE)

- 5. SNOW LOADS: GROUND SNOW LOAD, Pg=25psf FLAT ROOF SNOW LOAD, Pf=20psf SNOW EXPOSURE FACTOR. Ce=1.2 THERMAL FACTOR. Ct=1.2
- BASIC WIND SPEED, V=150 MPH RISK CATEGORY = I WIND EXPOSURE C WIND LOAD IMPORTANCE FACTOR = 1.0 S-2-LT - FOUNDATION (CONT) C&C ROOF-ZONE 1=23.3, -37.0 psf S-3-LT - BARN 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
- THIS STRUCTURE IS EXEMPT FROM SEISMIC DESIGN PER EXEMPTION 3 OF ASCE 7-10, SECTION 11.1.2

BUILDING SIZES:

8' WIDTH 8'x12 or 16'

10' WIDTH 10'x12', 16' or 20'

**NOTE:(11'-2 ACTUAL) 12'x12'-40' (4' INCREMENTS)

14' WIDTH* *NOTE:(13'-0 ACTUAL) 14'x16'-40' (4' INCREMENTS)

16' WIDTH*** ***NOTE:(15'-0 ACTUAL) SNOW LOAD IMPORTANCE FACTOR, I=0.8 16'x20'-40' (4' INCREMENTS) (16' WIDE IS SITE BUILT IN VA)

INDEX OF SHEETS:

S-O-LT - COVER SHEET S-1-LT - FOUNDATION PLAN

S-4-LT - CORNER PORCH S-5-LT - LOFTED BARN CABIN S-6-LT - LOFTED BARN GAR.

S-7-LT - SLB/LB S-8-LT - WPLBC

S-9-LT - NAILING PATTERN S-10-LT - DETAILS

S-11-LT - DETAILS



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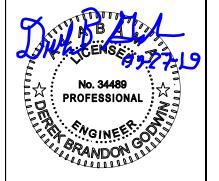
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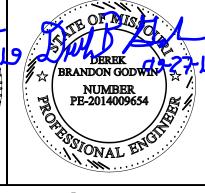


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LOFTED (EAST)--V=150MPH--IBC 2018





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

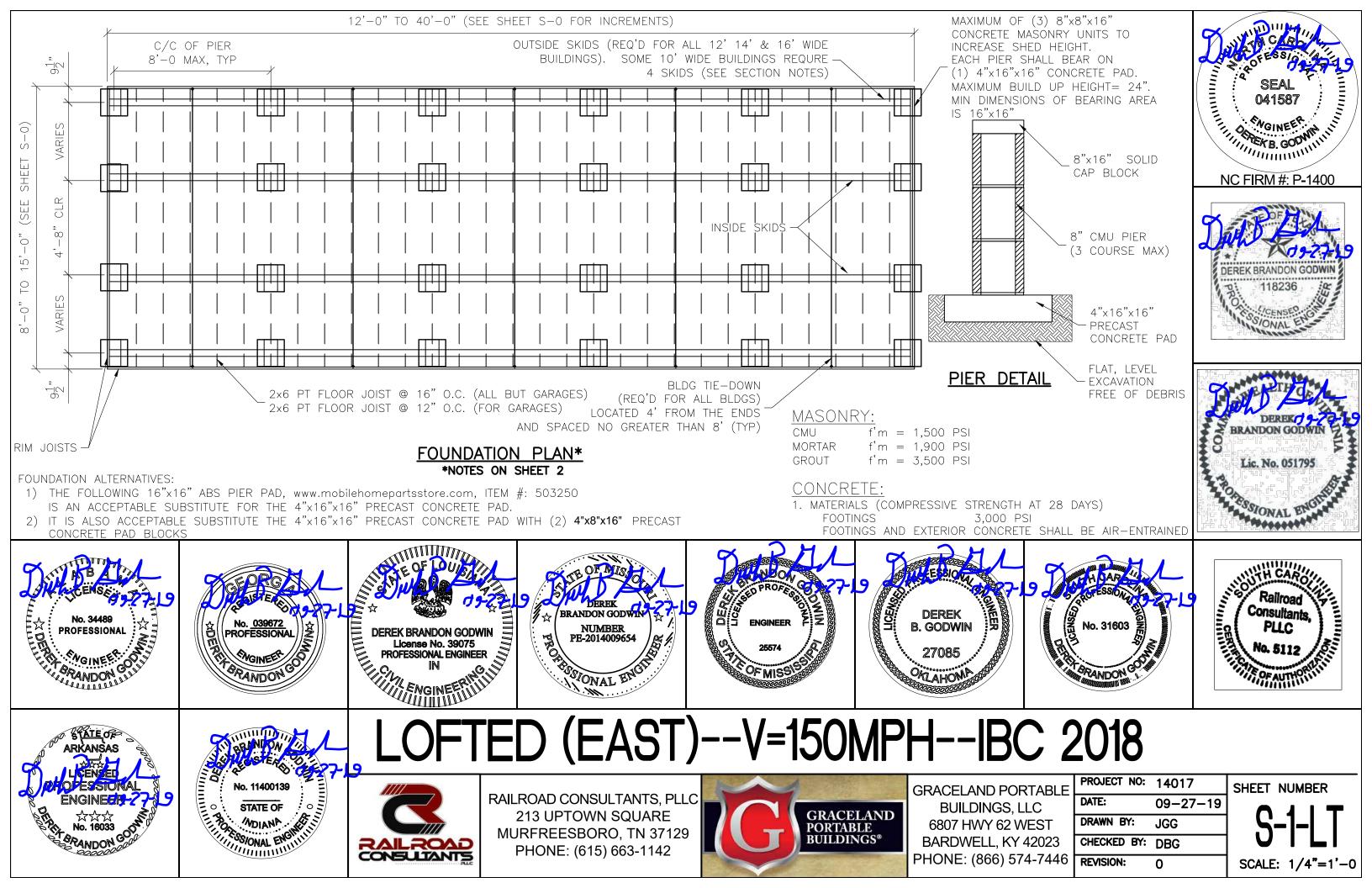


GRACELAND PORTABLE BUILDINGS, LLC 6807 HWY 62 WEST BARDWELL, KY 42023 PHONE: (866) 574-7446

PROJECT NO: 14017 DATE: 09-27-19 DRAWN BY: JGG CHECKED BY: DBG **REVISION:**

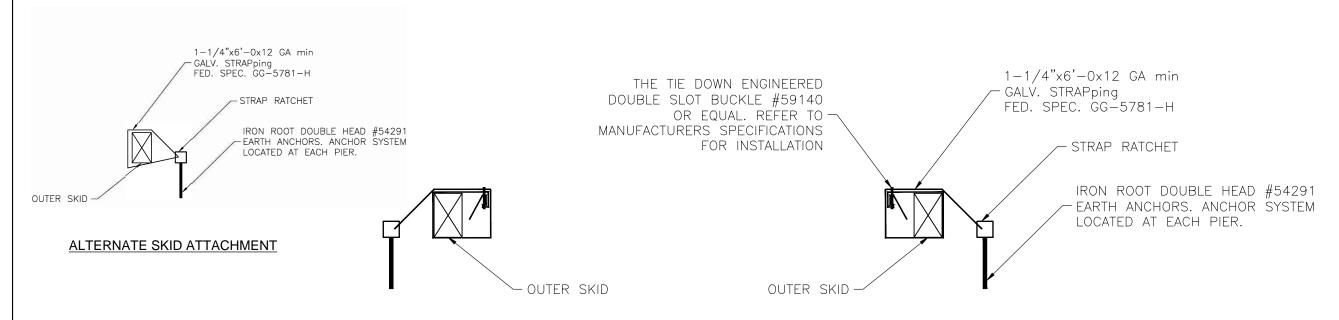
SHEET NUMBER

SCALE: 1/4"=1'-0



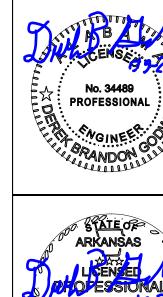
FOUNDATION:

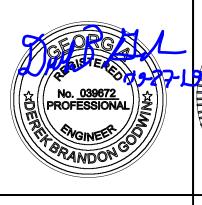
- ANCHORS ARE SPECIFIED ON SHEET S-2 AND SHALL BE INSTALLED PER MANUFACTURE'S RECOMMENDATIONS PER THE BUILDING CODE.
- ANCHORS AND STRAPS INCLUDING THE INSTALLATION SHALL MEET THE REQUIREMENTS OF APPENDIX E OF THE INTERNATIONAL RESIDENTIAL BUILDING CODE.
- THE MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 2500 psf HAS BEEN ASSUMED FOR FOOTING DESIGN. CONTRACTOR TO HAVE THIS CAPACITY VERIFIED PRIOR TO CONSTRUCTION.
- IF A MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 1500 psf IS USED, THEN THE PIER SPACING SHALL BE NO GREATER THAN 4'-0.
- FOOTINGS SHALL BE CARRIED TO AN ELEVATION LOWER THAN THOSE SHOWN ON THE DRAWINGS IF REQUIRED TO REACH SUITABLE SOIL.
- FOOTINGS SHALL BE PLACED ON SUITABLE SOIL THAT MEETS DESIGN ASSUMPTIONS.
- FOUNDATION MATERIALS AND LABOR IS PROVIDED BY CUSTOMER.
- TIE DOWNS SHALL BE PLACED AT EACH OUTER PIER.
- SHED IS DESIGNED TO ALSO BE PLACED ON FLAT, LEVEL GROUND DIRECTLY ON THE SKIDS.



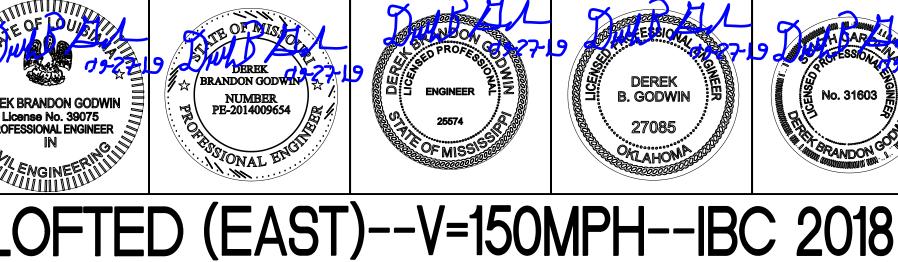
ANCHOR TIE DOWN DETAIL

APPROVED EQUAL FOR #54291 IS OLIVER TECHNOLOGY: OT 3044 BP

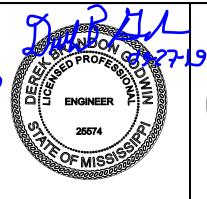






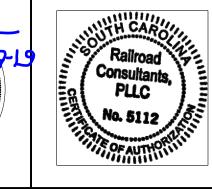


PHONE: (615) 663-1142













RAILROAD CONSULTANTS, PLLC 213 UPTOWN SQUARE MURFREESBORO, TN 37129



GRACELAND PORTABLE **BUILDINGS, LLC** 6807 HWY 62 WEST BARDWELL, KY 42023 PHONE: (866) 574-7446 **REVISION:**

	PROJECT NO:	14017
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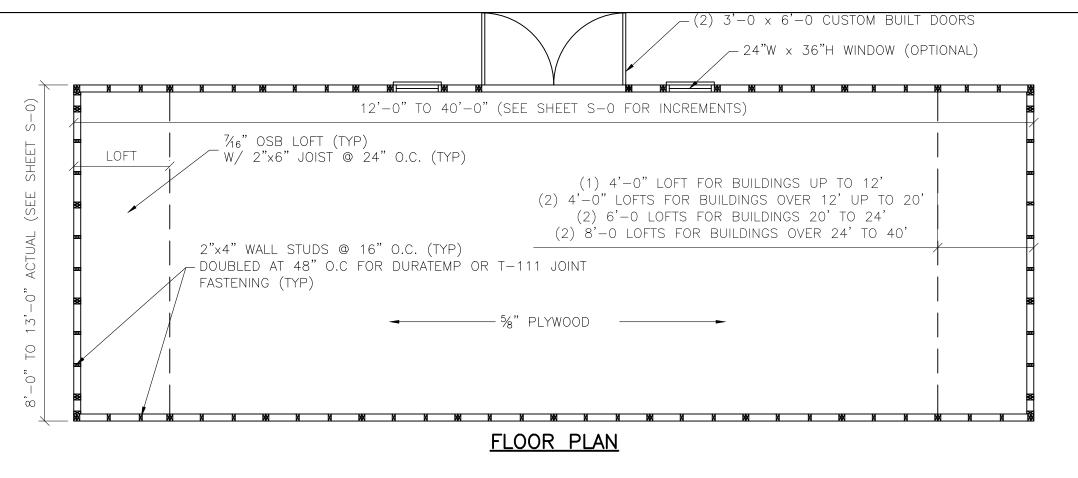
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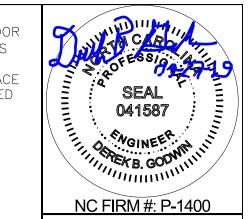
NC FIRM #: P-1400

DEREK BRANDON GODWIN

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- 1. ADDITIONAL 36"W MAN DOOR (OPTIONAL) AT CUSTOMERS DISCRETION.
- 2. ALL WINDOWS WHERE SPACE PERMITS MAY BE REPLACED WITH A 36"x36" OPTION.



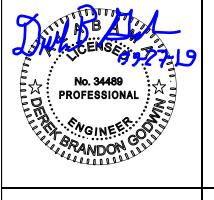




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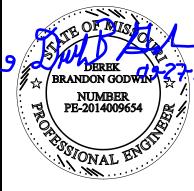
FLOOR PLAN NOTES:

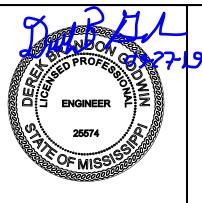
- 1) INSTALL %" FLOOR SHEATHING WITH LONG DIMENSION SPANNING JOISTS, STAGGER JOINTS.
- 2) FASTEN %" FLOOR SHEATHING WITH 2" RING-SHANK NAILS @ 6" o.c.





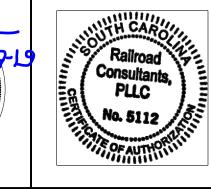


















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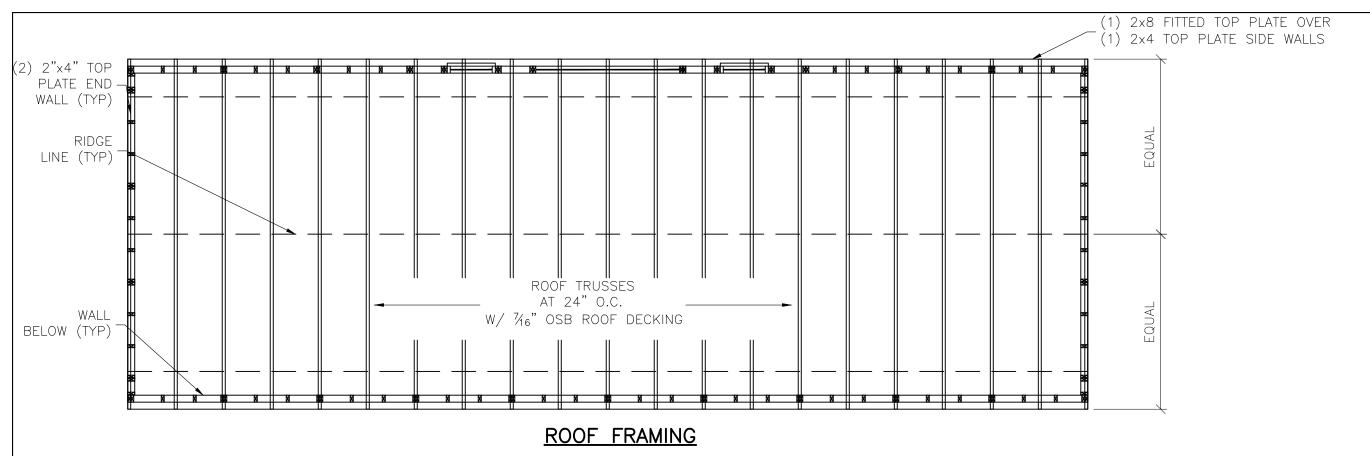
MURFREESBORO, TN 37129 PHONE: (615) 663-1142



GRACELAND PORTABLE **BUILDINGS, LLC** 6807 HWY 62 WEST BARDWELL, KY 42023 PHONE: (866) 574-7446 REVISION:

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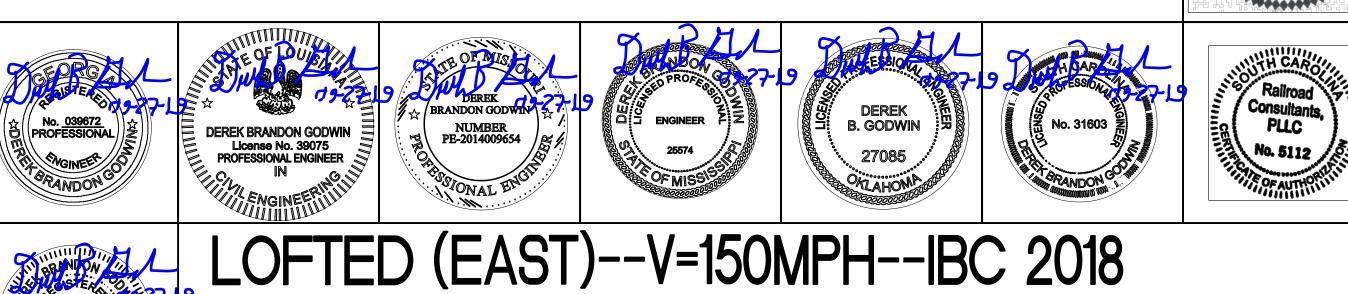


ROOF FRAMING NOTES:

- 1) INSTALL $\frac{7}{6}$ " ROOF SHEATHING WITH LONG DIMENSION SPANNING TRUSSES.
- 2) FASTEN $\frac{7}{6}$ " ROOF SHEATHING WITH 2" RING-SHANK NAILS @ 6" 0.C.

OTHER FRAMING NOTES:

1) 2x8 TOP PLATE W/ (2) 3"x0.1200 NAILS AT 16" O.C. TO 2x4 TOP PLATE.







RAIL ROAD CONSUIANTS

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



GRACELAND PORTABLE
BUILDINGS, LLC
6807 HWY 62 WEST
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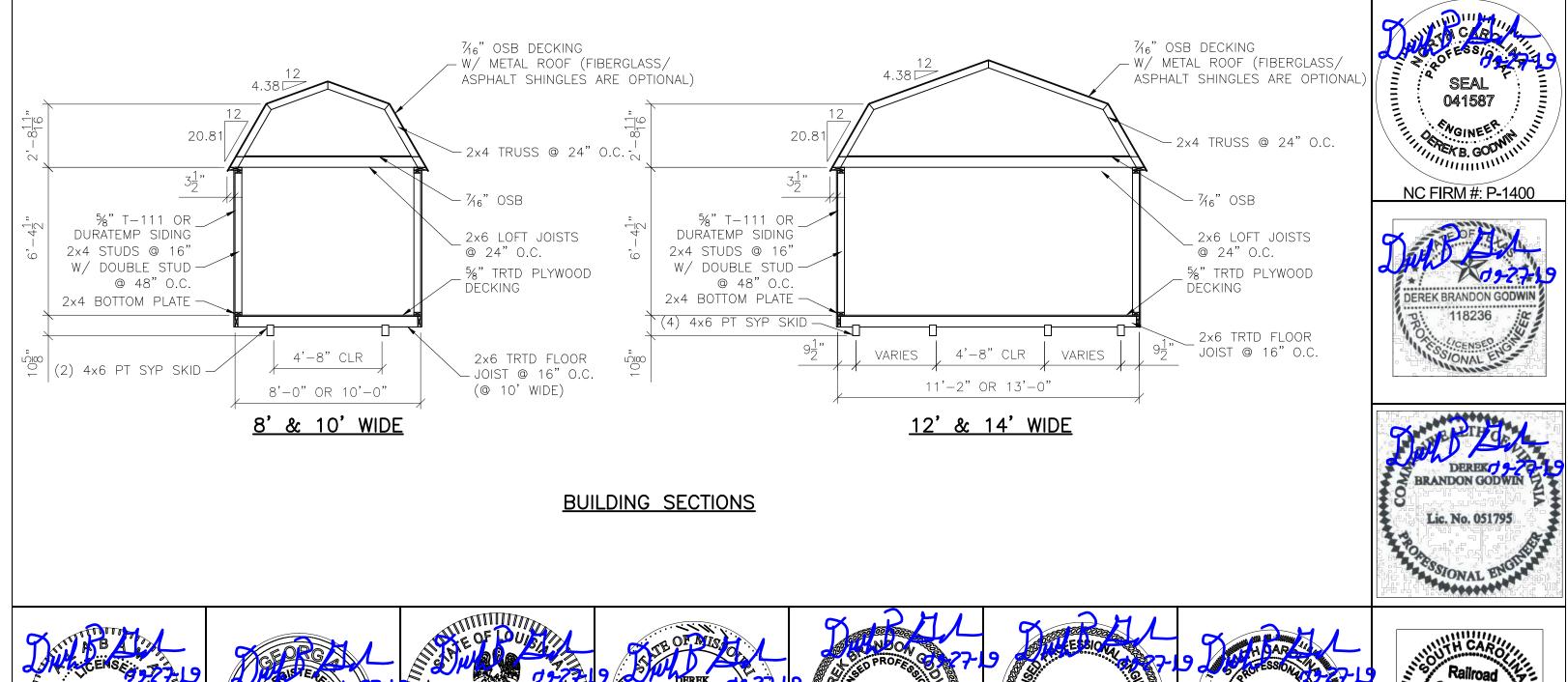
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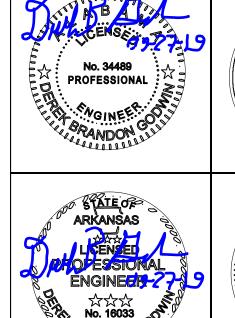
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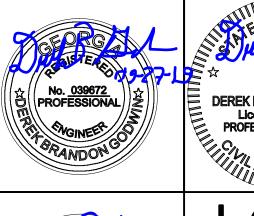
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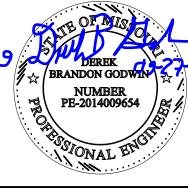
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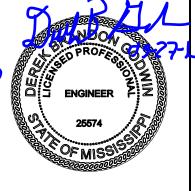
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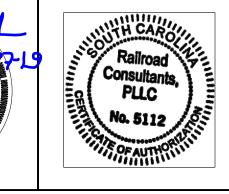












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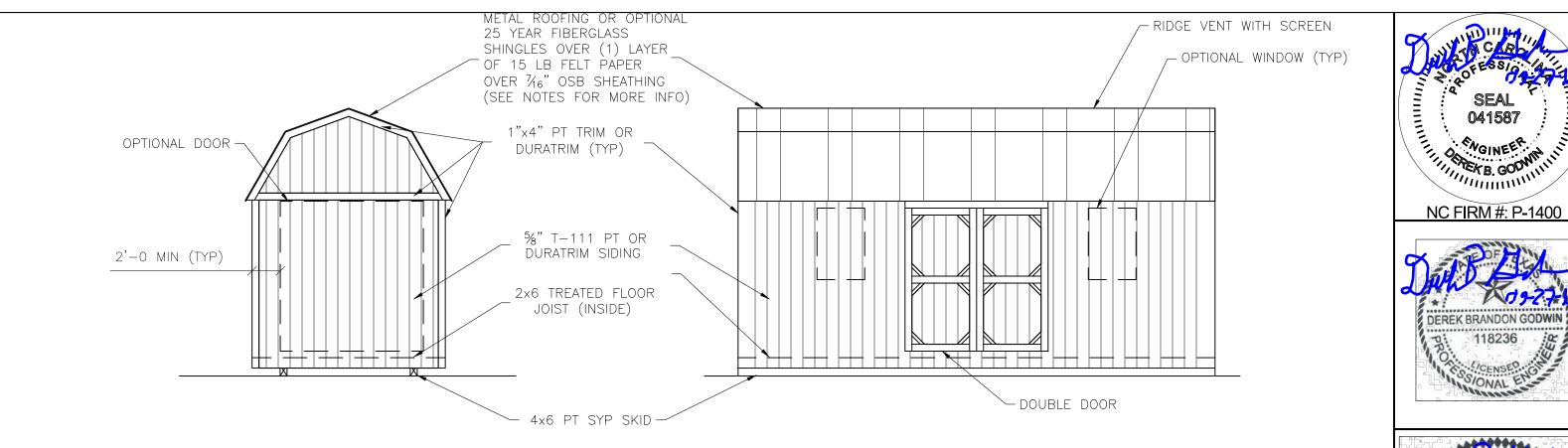
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BUILDINGS, LLC
6807 HWY 62 WEST
BARDWELL, KY 42023
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PROJECT NO:	14017
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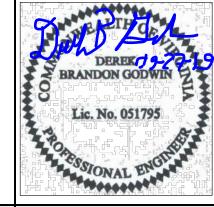
SIDE WALL ELEVATION

ROOFING AND UNDERLAYMENT NOTES:

- 1) PROVIDE A RIDGE VENT TYPICAL WITH INSECT SCREEN.
- 2) METAL ROOFING SHALL BE 29 GAUGE METAL IN ACCORDANCE WITH ASTM A 924 OR ASTM A 924M OVER OSB SHEATHING.
- 3) PROVIDE 29 GAUGE RIDGE CAP, EAVE TRIM AND RAKE TRIM.
- 4) INSTALL AND FASTEN METAL ROOFING PER MANUFACTURER'S INSTRUCTIONS FOR WIND LOADING.

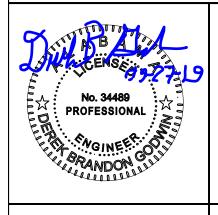
END WALL ELEVATION

- 5) OPTIONAL SHINGLES SHALL BE IN ACCORDANCE WITH ASTM D 7158 TYPE H OR ASTM D 3161F TYPICAL.
- 6) INSTALL 1 LAYER OF 15 LB ROOFING FELT, START WITH A 19" WIDE STRIP PARALLEL WITH AND STARTING AT EAVES FASTENED SECURELY TO HOLD IN PLACE. START AT EAVE WITH A 38" WIDE SHEET WITH OVERLAPPING SUCCESSIVE SHEETS BY 19". FASTEN UNDERLAYMENT WITH CORROSION-RESISTANT FASTENERS PER MAUFACTURER'S INSTRUCTIONS AND SPACED A MAXIMUM OF 36" APART.



NC FIRM #: P-1400

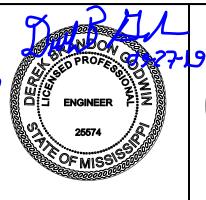
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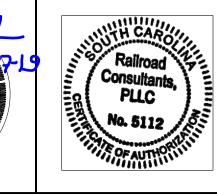


















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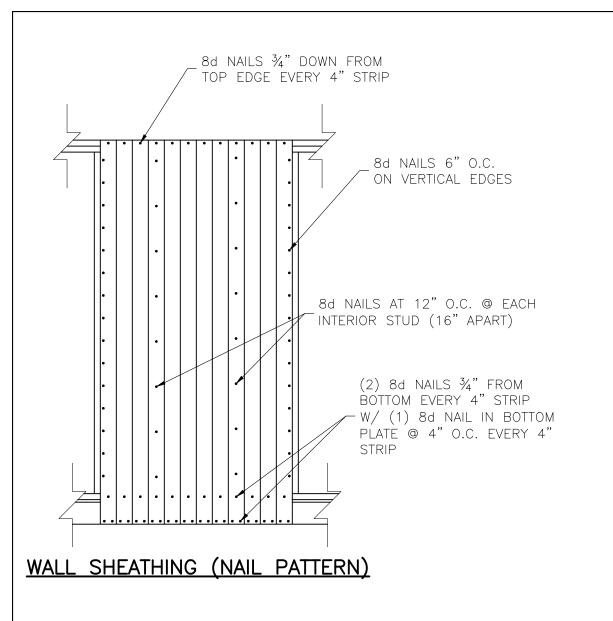
MURFREESBORO, TN 37129 PHONE: (615) 663-1142

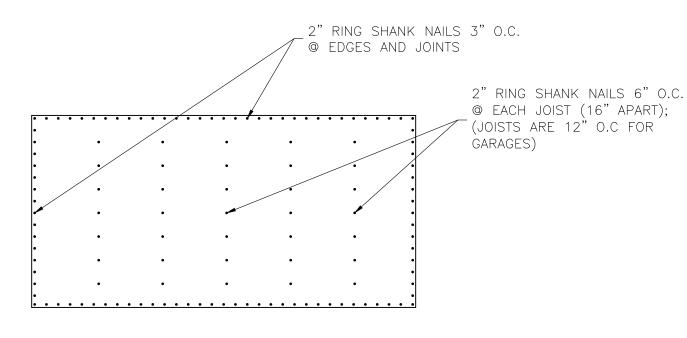


GRACELAND PORTABLE **BUILDINGS, LLC** 6807 HWY 62 WEST BARDWELL, KY 42023 PHONE: (866) 574-7446 **REVISION:**

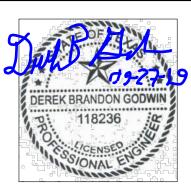
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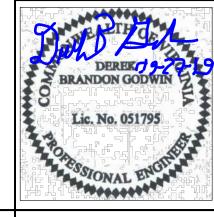
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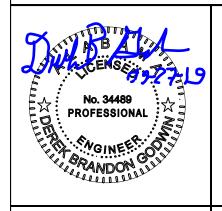










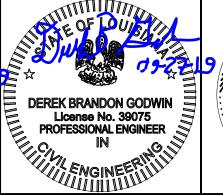




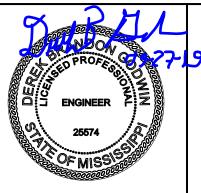
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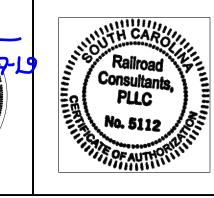




FLOOR SHEATHING (NAIL PATTERN)









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