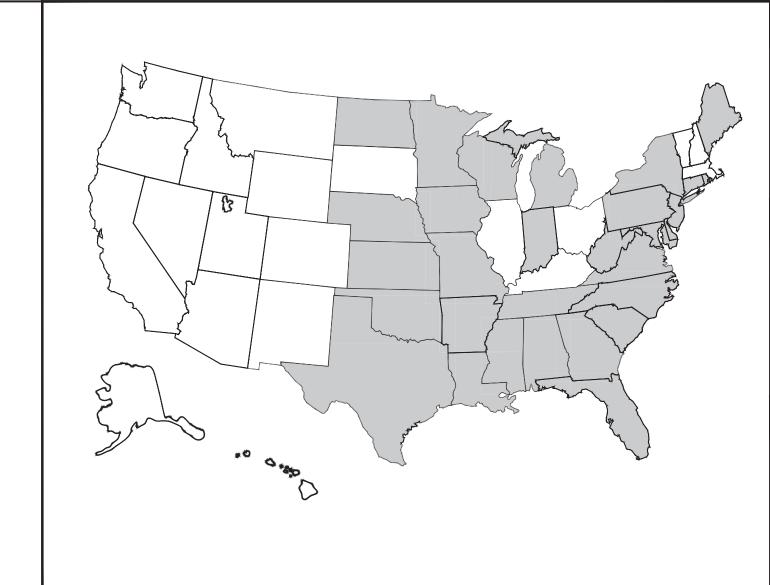


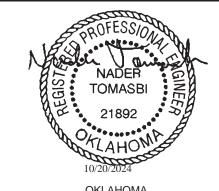
United Rentals UR-1256-MW&EC-STOCK

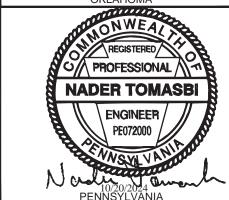
12'x56' (11'-8" x 56'-0") STOCK 2-OFC/1-RM MODULAR OFFICE BUILDING

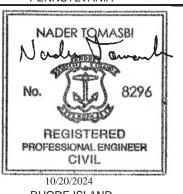
MID WEST (MW) & EAST COAST (EC)

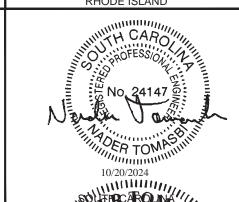
(ALABAMA (AL), ARKANSAS (AR), CONNECTICUT (CT), DELAWARE (DE), FLORIDA (FL), GEORGIA (GA), INDIANA (IN), KANSAS (KS), MAINE (ME), MARYLAND (MD), MICHIGAN (MI), MINNESOTA (MN), MISSOURI (MO), MISSISSIPPI (MS), NEBRASKA (NE), NEW JERSEY (NJ), NEW YORK (NY), NORTH CAROLINA (NC), NORTH DAKOTA (ND), OKLAHOMA (OK), PENNSYLVANIA (PA), RHODE ISLAND (RI), SOUTH CAROLINA (SC), TENNESSEE (TN) TEXAS (TX), VIRGINIA (VA), WEST VIRGINIA (WV), WISCONSIN (WI)

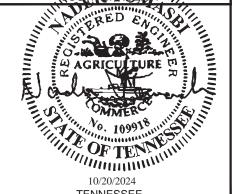


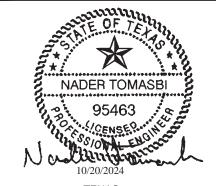


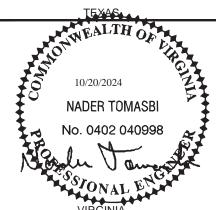


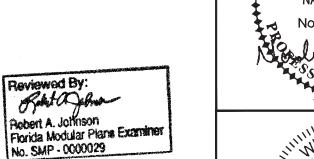


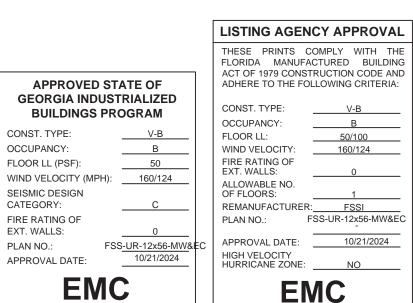












13103 W. LINEBAUGH AVE. SUITE 102

TAMPA, FLORIDA 33626

TEL. NO. (813) 336-4930

NADER TOMASBI 37713-006 U GOSHEN IN. 10/20/2024 WISCONSIN
WISCONSIN WISCONSIN 16342 STATE OF WILLIAM STATE OF WI

MD NO.: FSS-UR-12x56 Stock-MW&EC MD

OCCUP: B

			110	· '	10/20/2024	
		TN P	LAN NO.#: FSS-475	V	VEST VIRGINIA	
United Rentals			UNITED R 100 FIRST STAMFORD, STAMFORD, (912) 38	D PLACE - STE #70 CT 06902	0	
	MANUFACTUR	RER:	FIRST STRII 892 RAILROAD A DOUGLAS, ((912) 384	AVENUE EAST GA 31535		
		COVER SHEET				
	DATE: 9-13-2024		BUILDING SIZE: 12'x56'		ID SERIAL NO.: TOCK	
	SCALE: NONE				RAWING NO.: SS-2024-0010	
1/AIIA	DRAWN BY: J.L.B.	017112(0): 712		AL,AR CT,DE,FL,GA,IN,KS,LA,ME,MD,MI,MN,MO,MS, NE,NJ,NY,NC,ND,OK,PA,RI,SC,TN,TX,VA,WI,WV		
FIRST STRING SPACE INC OUR STRENGTH IS TEAMWORK	REV DATE	BY	DESCRIPTION		SHEET:	
THIRD PARTY	-				PAGE:1 of 9	
EMC EXPERT MODULAR CONSULTANTS, LLC	N.T. NADER TOMAS		R.E.G. ROBERT E. GREGG, R.A.		EMC NO.:FSS-UR-12x56 Stock-MW&EC	
13103 W. LINEBAUGH AVE. SUITE 102	CONSULTING E	NGINEER I	REGISTERED ARCHITECT		STOCK-IVIVALUMD NO : FSS-LIR-12x56	

OSHEN, IN 46528 H: (574) 370-3419

DRAWING INDEX:

SHEET DESCRIPTION

COVER SHEET CODES / STRUCTURAL LOAD LIMITATIONS EXTERIOR ELEVATIONS FLOOR & LIFE SAFETY / EGRESS PLANS

REFLECTED CEILING & ROOF PLANS PLUMBING PLAN & RISERS ELEC & HVAC PLANS **BUILDING CROSS SECTION & DETAILS** STEEL SUB-FRAME PLAN & DETAILS

KIP LOAD PLAN FOUNDATION PLAN & DETAILS duly Licensed Professional Engineer under laws of State of

Date: ____10/20/2024 ____License # ___44093

CENSE

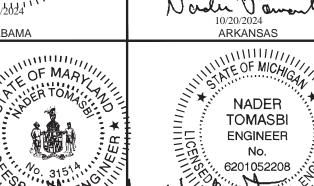
I hereby certify this plan, specification, or report was prepared by me or under my direct supervision and that I am Print Name: NADER TOMASBI
Signature: NADER TOMASBI

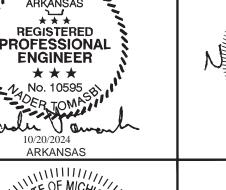




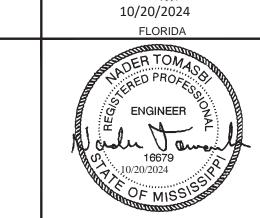


licensed









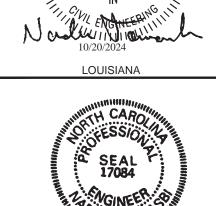
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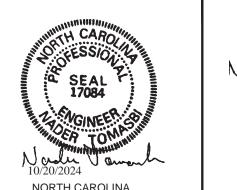


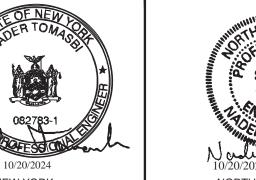


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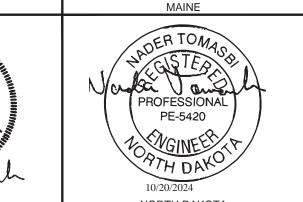
License No. 31743

PROFESSIONAL ENGINEER





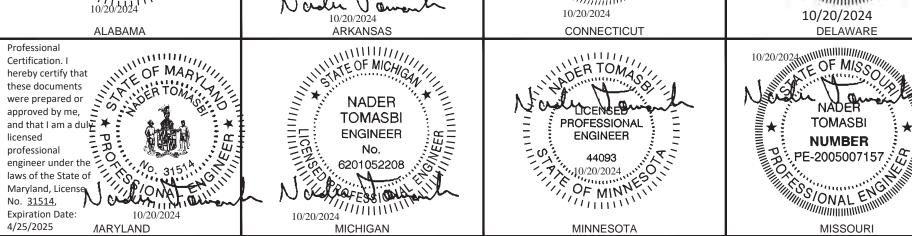


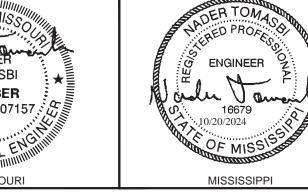


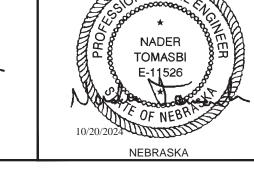
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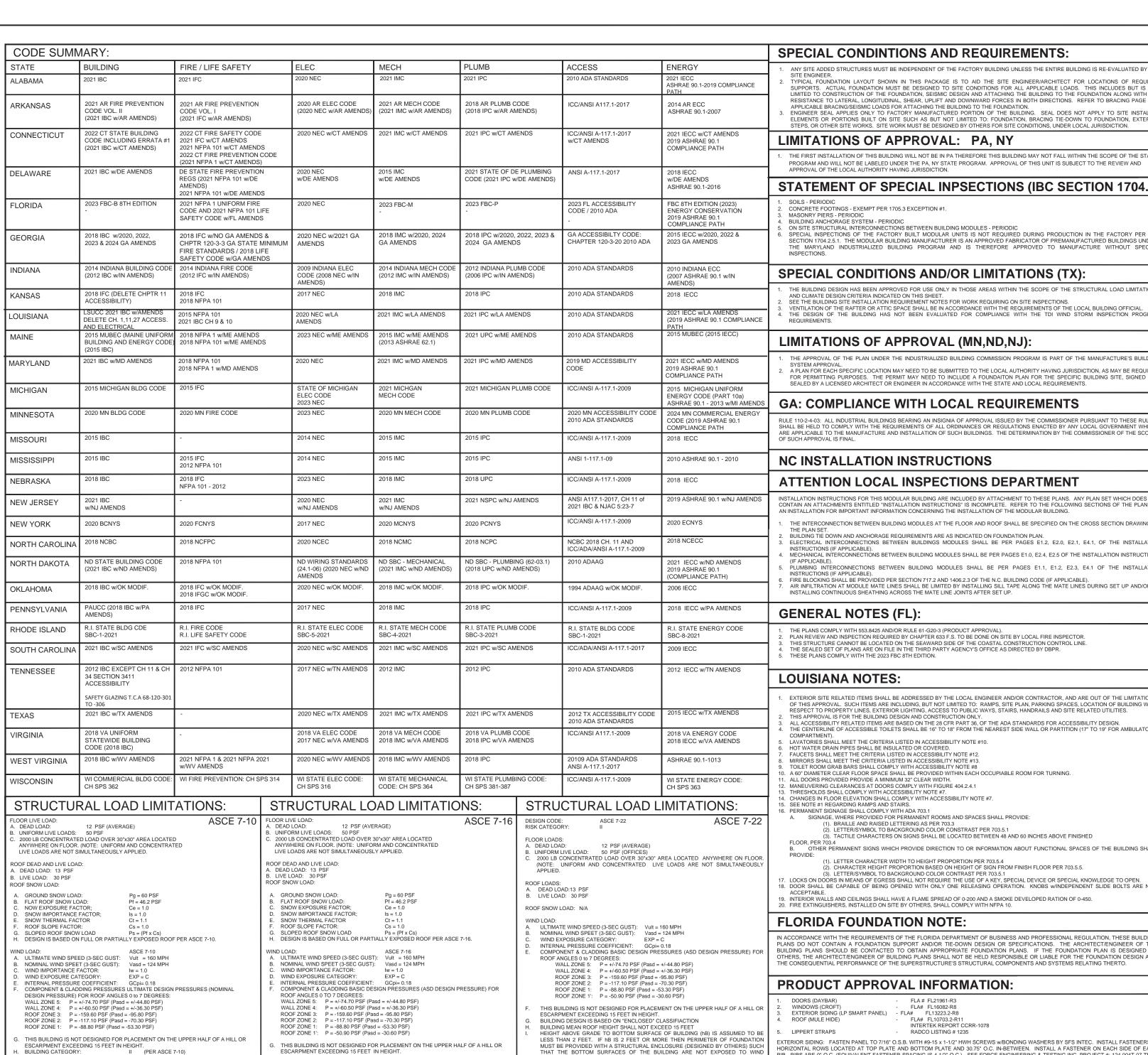












THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.
BUILDING CATEGORY:
II (PER ASCE 7-16)
BUILDING DESIGN IS BASED ON "ENCLOSED" CLASSIFIACTION. THAT THE BOTTOM SURFACES OF THE BUILDING ARE NOT EXPOSED TO WIND LOADING OR THE BUILDING'S BOTTOM HORIZONTAL SURFACES AND FRAMING MUST BE EVALUATED AND MODIFIED TO MEET THE REQUIREMENTS OF ASCE 7-22 SECTION 30.3.2.1 (DESIGNED BY OTHERS)

THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN A HIGH VELOCITY HURRICANE ZONE (H.V.H.Z.) AS DEFINED BY THE FBC. BUILDING MEAN ROOF HEIGHT SHALL NOT EXCEED 15 FEET THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE SEAWARD SIDE OF COASTAL CONSTRUCTION LINE. SIESMIC IMPORTANCE FACTOR: le = 1.0 BUILDING RISK CATEGORY:

SEISMIC SITE CLASS: SPECTRAL RESPONSE COEFFICIENTS: SEISMIC LOAD: N/A $Ss = \le 0.537 \quad S1 = \le 0.285 \quad Sds = \le 0.491 \quad Sd1 = \le 0.19$ SEISMIC DESIGN CATEGORY: SEISMIC RESISTING SYSTEM: THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA. SEISMIC RESISTING STOTEM.

EQUIVALENT SEISMIC ANALYSIS PROCEDURE HAS BEEN USED.

RESPONSE MODIFICATION FACTOR: R = 6.5

SEISMIC RESPONSE COEFFICIENT: Cs = 0.08

DESIGN BASE SHEAR: V = 1,334 LBS I = 5.0 INCHES / HOUR RAIN INTENSITY:

SPECIAL CONDINTIONS AND REQUIREMENTS: **ACCESSIBILITY NOTES:**

ANY SITE ADDED STRUCTURES MUST BE INDEPENDENT OF THE FACTORY BUILDING UNLESS THE ENTIRE BUILDING IS RE-EVALUATED BY THI ICAL FOUNDATION LAYOUT SHOWN IN THIS PACKAGE IS TO AID THE SITE ENGINEER/ARCHITECT FOR LOCATIONS OF REQUI SUPPORTS. ACTUAL FOUNDATION MUST BE DESIGNED TO SITE CONDITIONS FOR ALL APPLICABLE LOADS. THIS INCLUDES BUT IS NOT LIMITED TO CONSTRUCTION OF THE FOUNDATION, SEISMIC DESIGN AND ATTACHING THE BUILDING TO THE FOUNDATION ALONG WITH THE RESISTANCE TO LATERAL, LONGITUDINAL, SHEAR, UPLIFT AND DOWNWARD FORCES IN BOTH DIRECTIONS. REFER TO BRACING PAGE FOR APPLICABLE BRACING/SEISMIC LOADS FOR ATTACHING THE BUILDING TO THE FOUNDATION.

NGINEER SEAL APPLIES ONLY TO FACTORY MANUFACTURED PORTION OF THE BUILDING. SEAL DOES NOT APPLY TO SITE INSTALLED ELEMENTS OR PORTIONS BUILT ON SITE SUCH AS BUT NOT LIMITED TO: FOUNDATION, BRACING TIE-DOWN TO FOUNDATION, EXTERIOR STEPS, OR OTHER SITE WORKS. SITE WORK MUST BE DESIGNED BY OTHERS FOR SITE CONDITIONS, UNDER LOCAL JURISDICTION.

LIMITATIONS OF APPROVAL: PA, NY

THE FIRST INSTALLATION OF THIS BUILDING WILL NOT BE IN PA THEREFORE THIS BUILDING MAY NOT FALL WITHIN THE SCOPE OF THE STAT PROGRAM AND WILL NOT BE LABELED UNDER THE PA, NY STATE PROGRAM. APPROVAL OF THIS UNIT IS SUBJECT TO THE REVIEW AND

STATEMENT OF SPECIAL INPSECTIONS (IBC SECTION 1704.3)

CONCRETE FOOTINGS - EXEMPT PER 1705 3 EXCEPTION #

ON SITE STRUCTURAL INTERCONNECTIONS BETWEEN BUILDING MODULES - PERIODIC SPECIAL INSPECTIONS OF THE FACTORY BUILT MODULAR UNITS IS NOT REQUIRED DURING PRODUCTION IN THE FACTORY PER IBC SECTION 1704.2.5.1. THE MODULAR BUILDING MANUFACTURER IS AN APPROVED FABRICATOR OF PREMANUFACTURED BUILDINGS UNDER THE MARYLAND INDUSTRIALIZED BUILDING PROGRAM AND IS THEREFORE APPROVED TO MANUFACTURE WITHOUT SPECIAL

SPECIAL CONDITIONS AND/OR LIMITATIONS (TX):

THE BUILDING DESIGN HAS BEEN APPROVED FOR USE ONLY IN THOSE AREAS WITHIN THE SCOPE OF THE STRUCTURAL LOAD LIMITATION ND CLIMATE DESIGN CRITERIA INDICATED ON THIS SHEET. EE THE BUILDING SITE INSTALLATION REQUIREMENT NOTES FOR WORK REQUIRING ON SITE INSPECTIONS. LATION OF THE RAFTER OR ATTIC SPACE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING OFFICIAL

LIMITATIONS OF APPROVAL (MN,ND,NJ): THE APPROVAL OF THE PLAN UNDER THE INDUSTRIALIZED BUILDING COMMISSION PROGRAM IS PART OF THE MANUFACTURE'S BUILDIN A PLAN FOR EACH SPECIFIC LOCATION MAY NEED TO BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION, AS MAY BE REQUIR FOR PERMITTING PURPOSES. THE PERMIT MAY NEED TO INCLUDE A FOUNDATION PLAN FOR THE SPECIFIC BUILDING SITE, SIGNED AI SEALED BY A LICENSED ARCHITECT OR ENGINEER IN ACCORDANCE WITH THE STATE AND LOCAL REQUIREMENTS.

GA: COMPLIANCE WITH LOCAL REQUIREMENTS

ULE 110-2-4-03: ALL INDUSTRIAL BUILDINGS BEARING AN INSIGNIA OF APPROVAL ISSUED BY THE COMMISSIONER PURSUANT TO THESE RULES SHALL BE HELD TO COMPLY WITH THE REQUIREMENTS OF ALL ORDINANCES OR REGULATIONS ENACTED BY ANY LOCAL GOVERNMENT WHIC ARE APPLICABLE TO THE MANUFACTURE AND INSTALLATION OF SUCH BUILDINGS. THE DETERMINATION BY THE COMMISSIONER OF THE SCOP

NC INSTALLATION INSTRUCTIONS

ATTENTION LOCAL INSPECTIONS DEPARTMENT

NSTALLATION INSTRUCTIONS FOR THIS MODULAR BUILDING ARE INCLUDED BY ATTACHMENT TO THESE PLANS. ANY PLAN SET WHICH DOES I CONTAIN AN ATTACHMENTS ENTITLED "INSTALLATION INSTRUCTIONS" IS INCOMPLETE. REFER TO THE FOLLOWING SECTIONS OF THE PLAN SAN INSTALLATION FOR IMPORTANT INFORMATION CONCERNING THE INSTALLATION OF THE MODULAR BUILDING. THE INTERCONNECTION BETWEEN BUILDING MODULES AT THE FLOOR AND ROOF SHALL BE SPECIFIED ON THE CROSS SECTION DRAWING

III DING TIE DOWN AND ANCHOPAGE PEOLIBEMENTS ARE AS INDICATED ON FOLINDATION PLAN ELECTRICAL INTERCONNECTIONS BETWEEN BUILDINGS MODULES SHALL BE PER PAGES E1.2, E2.0, E2.1, E4.1, OF THE INSTALLATIO AECHANICAL INTERCONNECTIONS BETWEEN BUILDING MODULES SHALL BE PER PAGES E1.0, E2.4, E2.5 OF THE INSTALLATION INSTRUCTION

PLUMBING INTERCONNECTIONS BETWEEN BUILDING MODULES SHALL BE PER PAGES E1.1, E1.2, E2.3, E4.1 OF THE INSTALLATI INSTRUCTIONS (IF APPLICABLE).

FIRE BLOCKING SHALL BE PROVIDED PER SECTION 717.2 AND 1406.2.3 OF THE N.C. BUILDING CODE (IF APPLICABLE). AIR INFILTRATION AT MODULE MATE LINES SHALL BE LIMITED BY INSTALLING SILL TAPE ALONG THE MATE LINES DURING SET UP AND/OR INSTALLING CONTINUOUS SHEATHING ACROSS THE MATE LINE JOINTS AFTER SET UP.

GENERAL NOTES (FL):

PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S. TO BE DONE ON SITE BY LOCAL FIRE INSPECTOR HIS STRUCTURE CANNOT BE LOCATED ON THE SEAWARD SIDE OF THE COASTAL CONSTRUCTION CONTROL LINE HE SEALED SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY DBPR.

LOUISIANA NOTES:

EXTERIOR SITE RELATED ITEMS SHALL BE ADDRESSED BY THE LOCAL ENGINEER AND/OR CONTRACTOR, AND ARE OUT OF THE LIMITATION F THIS APPROVAL. SUCH ITEMS ARE INCLUDING, BUT NOT LIMITED TO: RAMPS, SITE PLAN, PARKING SPACES, LOCATION OF BUILDING WI ESPECT TO PROPERTY LINES, EXTERIOR LIGHTING, ACCESS TO PUBLIC WAYS, STAIRS, HANDRAILS AND SITE RELATED UTILITIES. HIS APPROVAL IS FOR THE BUILDING DESIGN AND CONSTRUCTION ONLY. LACCESSIBILITY RELATED ITEMS ARE BASED ON THE 28 CFR PART 36. OF THE ADA STANDARDS FOR ACCESSIBILITY DESIGN. E CENTERLINE OF ACCESSIBLE TOILETS SHALL BE 16" TO 18" FROM THE NEAREST SIDE WALL OR PARTITION (17" TO 19" FOR AMBULATOR'

IOT WATER DRAIN PIPES SHALL BE INSULATED OR COVERED.

FAUCETS SHALL MEET THE CRITERIA LISTED IN ACCESSIBILITY NOTE #12.
MIRRORS SHALL MEET THE CRITERIA LISTED IN ACCESSIBILITY NOTE #13.
TOILET ROOM GRAB BARS SHALL COMPLY WITH ACCESSIBILITY NOTE #8.
A 60° DIAMETER CLEAR FLOOR SPACE SHALL BE PROVIDED WITHIN EACH OCCUPIABLE ROOM FOR TURNING. ALL DOORS PROVIDED PROVIDE A MINIMUM 32" CLEAR WIDTH.

MANEUVERING CLEARANCES AT DOORS COMPLY WITH FIGURE 404.2.4.1
"HRESHOLDS SHALL COMPLY WITH ACCESSIBILITY NOTE #7.
"HANGES IN FLOOR ELEVATION SHALL COMPLY WITH ACCESSIBILITY NOTE #7. SEE NOTE #1 REGARDING RAMPS AND STAIRS ERMANENT SIGNAGE SHALL COMPLY WITH ADA 703.1

SIGNAGE, WHERE PROVIDED FOR PERMANENT ROOMS AND SPACES SHALL PROVIDE:

(1). BRAILLE AND RAISED LETTERING AS PER 703.3

(2). LETTER/SYMBOL TO BACKGROUND COLOR CONSTRAST PER 703.5.1 3). TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED BETWEEN 48 AND 60 INCHES ABOVE FINISHED

CHARACTER HEIGHT PROPORTION BASED ON HEIGHT OF SIGN FROM FINISH FLOOR PER 703.5.5

). LETTER/SYMBOL TO BACKGROUND COLOR CONTRAST PER 703.5.1 7. LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL DEVICE OR SPECIAL KNOWLEDGE TO OPEN.

B. DOOR SHALL BE CAPABLE OF BEING OPENED WITH ONLY ONE RELEASING OPERATION. KNOBS W/INDEPENDENT SLIDE BOLTS ARE N . INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPED RATION OF 0-450 20. FIRE EXTINGUISHERS, INSTALLED ON SITE BY OTHERS, SHALL COMPLY WITH NFPA 10.

FLORIDA FOUNDATION NOTE:

N ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION, THESE BUILDING PLANS DO NOT CONTAIN A FOUNDATION SUPPORT AND/OR TIE-DOWN DESIGN OR SPECIFICATIONS. THE ARCHITECT/ENGINEER OF THI BUILDING PLANS SHOULD BE CONTACTED TO OBTAIN APPROPRIATE FOUNDATION PLANS. IF THE FOUNDATION PLAN IS DESIGNED BY THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERTO.

PRODUCT APPROVAL INFORMATION:

FLA# FL16082-R8 A# FL13223.2-R8 EXTERIOR SIDING (LP SMART PANEL) - FLA

RADCO LISTING # 1235 EXTERIOR SIDING: FASTEN PANEL TO 7/16" O.S.B. WITH #9-15 x 1-1/2" HWH SCREWS W/BONDING WASHERS BY SFS INTEC. INSTALL FASTENERS IN HORIZONTAL ROWS LOCATED AT TOP PLATE AND BOTTOM PLATE AND 30.75" O.C. IN-BETWEEN. INSTALL A FASTENER ON EACH SIDE OF EACH RIB. RIBS ARE 9" O.C. (EQUIVALENT FASTENER SPACING IS 4-1/2" O.C.). SEE FORCE ENGINEERING & TESTING INC. PROJECT #: 124-004T-07 TESTING IN REPORT FOR ADDITIONAL INFORMATION.

GENERAL NOTES:

ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY BOXX MODULAR AND SUBJECT

TO LOCAL JURISDICTION. THE PRIMARY ENTRANCE AND REQUIRED EXITS MUST BE ACCESSIBLE. ALL BUILDING ELEMENT AND FACILITIES SHALL BE ACCESSIBLE IN ACCORDANCE WITH THE REFERENCED ACCESSIBILITY STANDARD(S) EXCEPTIVE SPECIFICALLY EXEMPTED BY THE SCOPING REQUIREMENTS OF THE APPLICABLE CODE.

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOMS FACILITIES

EACH TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS ETC. TO SUCH SPAC

HALL BE ACCESSIBLE (IE TOUCH LATCHES, U-SHAPED PULLS): FOR AREAS WITH UNOBSTRUCTED REACH THE SPAC

DRYERS MAY BE 36 INCHES MAXIMUM. CONTROLS, DISPENSER, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN THE REACH

FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP-RESISTANT, CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH

WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED. THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. T

VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS AND PLACED 80 INCHES ABOVE THE FLOOI

OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER.

ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. THE MAXIMUM FORCE REQUIRED TO OPEN A DOOR SHALL NOT EXCEED 8.5 LBS. FOR EXTERIOR SWINGING DOORS AND 5 LBS FOR ALL SLIDING, FOLDING AND INTERIOR SWINGING DOORS.

THIS BUILDING IS DESIGNED FOR USE AS A PRIVATE OFFICE WORK AREA ONLY AND IS NOT INTENDED FOR USE BY OF

ACCESSIBLE WATER CLOSETS SHALL BE 17 INCHES TO 19 INCHES, MEASURED FROM THE FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36 INCHES LONG MINIMUM WHEN LOCATED BEHIND WATER CLOSET AND 42 INCHES MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED 33 INCHES TO 36 INCHES ABOVE THE FLOOR TO THE

ENTERLINE OF THE BAR, SIDEWALL GRAB BARS SHALL BE MOUNTED WITH THE FAR END LOCATED A MAXIMUM OF

NCHES FROM THE WALL BEHIND THE WATER CLOSET AND WITH THE OPPOSITE END LOCATED AT LEAST 54 INCHES FROM THE WALL BEHIND THE WATER CLOSET AND WITH THE OPPOSITE END LOCATED AT LEAST 54 INCHES FROM THE WALL BEHIND THE WATER CLOSET. THE REAR GRAB BAR IS PERMITTED TO BE 24 INCHES LONG MINIMUM, CENTERE BEHIND THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A GRAB BAR 36 INCHES LONG DUE TO LOCATION OF THE WATER CLOSET OF

A RECESSED FIXTURE ADJACENT TO THE WATER CLOSET. THE CENTERLINE OF WATER CLOSETS SHALL BE 17 INCHES

MINIMUM AND 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION IN AMBULATORY ACCESSIBLE TOILET

E ANSI A117.1 IS SHOWN LINDER ACCESSIBILITY IN THE CODE SLIMMARY A VERTICAL GRAB BAR 18 INCHES MINIMUM II

LENGTH SHALL BE LOCATED ON THE SIDE WALL ADJACENT TO THE WATER CLOSET DIRECTLY ABOVE THE 42 INCH LONG HORIZONTAL GRAB BAR. THE VERTICAL BAR SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED BETWEEN 38

NCHES AND 41 INCHES ABOVE THE FLOOR AND WITH THE CENTERLINE OF THE BAR LOCATED BETWEEN 39 INCHES AND 4

INCHES FROM THE REAR WALL.

ACCESSIBLE URINALS SHALL BE STALL TYPE OR WALL HUNG WITH ELONGATED RIMS AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR AND 13.5 INCHES FROM THE WALL.

ACCESSIBLE LAVATORIES AND SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR

AND A CLEARANCE OF AT LEAST 27 INCHES HIGH AND 30 INCHES WIDE. KNEE CLEARANCE SHALL BE 11 INCHES MINIMUM IN DEPTH AT 9 INCHES ABOVE THE FLOOR AND 8 INCHES MINIMUM IN DEPTH AT 27 INCHES ABOVE THE FLOOR. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FLOOR, KNEE CLEARANCE SHALL BE PERMITTED TO BE REDUCED AT A RATE OF 1 INCHE

CONFIGURED TO PROTECT AGAINST CONTACT. INSULATION OR PROTECTION MATERIALS MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE ACCESSIBLE LAVATORIES AND SINKS.
ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (IE LEVER OPERATED) PUSH TYPE OR ELECTRONICALLY CONTROLLED.

WHERE MIRRORS ARE PROVIDED IN RESTROOMS AT LEAST ONE SHALL BE PROVIDED WITH ITS BOTTOM EDGE NO HIGHER

GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25 INCHES TO 2.0 INCHES IN DIAMETER THE SPACE BETWEEN THE GRAB BAR AND THE WALL SHALL BE 1.5 INCHES.

TOILET PAPER DISPENSERS SHALL BE 1.5 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 15 INCHES

MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS DISPENSER THAT CONTROL DELIVERY, OR THAT DO NOT PERMIT CONTINUOUS FLOW, SHALL NOT BE USED.

WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOLLET AREA.

FOR CT INSTALLATIONS: SINGLE OCCUPANCY TOILET ROOM SHALL HAVE AN EMERGENCY CALL SYSTEM THAT ACTUATES A

ISIBLE AND AUDIBLE ALARM IN A NORMALLY OCCUPIED AREA. AN ALARM PULL SWITCH, IDENTIFIED WITH EMERGEN

INSTRUCTIONS SHALL BE PROVIDED WITHIN 3 FEET OF THE WATER CLOSET WITH A PULL CORD EXTENDING TO WITHIN 12 INCHES OF THE FLOOR. EMERGENCY INSTRUCTIONS SHALL BE PROVIDED OUTSIDE THE TOILET ROOM AT THE NORMALLY OCCUPIED LOCATION. SITE INSTALLED BY OTHERS.

ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATED ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCEN

FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE

MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES FRO

"CLOSET STORAGE SPACE" AS DEFINED BY NEC 410.2.
WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACE.

O THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SER\

THE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATI

FEEDER CONDUCTOR AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5% VOLTAGE DROP.

OCCUPANCY SENSOR SWITCHES SHALL PROVIDE A BI-LEVEL LIGHTING CONTROL TO PROVIDE EITHER CONTINUC

OCCUPANTS LEAVING THE SPACE AND SHALL EITHER BE MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALY TU

THE 2021 IECC SECTION C405.1.11.1 SUBJECT TO THE REVIEW AND APPROVAL OF AUTHORITY HAVING JURISDICTION.
FEEDER CONDUCTOR AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5% VOLTAGE DROP TOTAL.

THE FOLLOWING NOTE SHALL BE ON THE BUILDING DATA PLATE: "THIS BUILDING HAS NOT BEEN DESIGNED FOR AND IS NOT APPROVED FOR INSTALLATION IN THE FOLLOWING MARYLAND COUNTIES: HOWARD HVAC SYSTEM SHALL COMPLY WITH NFPA 90B WHEN BUILDING VOLUME DOES NOT EXCEED 25,000 CUBIC FEET,

OTHERWISE HVAC SYSTEM SHALL COMPLY WITH NFPA 90A. THESE PLANS ARE PREPARED TO FACILITATE CONSTRUCTION OF THE PRE-ENGINEERED FACTORY BUILT MODULAR

THIS FEAR ARE PREFAIRLY OF PROLITAIL CONSTROUTION OF THE PROJECT OF THE MODULAR BUILDING.

THE PROJECT ARCHITECT OR ENGINEER OF RECORD IS RESPONSIBLE FOR INCORPORATION AND COORDINATION OF THESE PLANS INTO THE OVERALL PROJECT DESIGN.

TO LOCAL BUILDING AND/OR SITE DEVELOPER: ALL SITE WORK INCLUDING THE LOCATION OF THE BUILDING, IS REQUIRED

TO BE REVIEWED AND APPROVED BY A MARYLAND REGISTERED ARCHITECT OR ENGINEER TO VERIFY CODE COMPLIANCE INCLUDING BUT NOT LIMITED TO FIRE RESISTANCE RATINGS FOR EXTERIOR PROTECTION, MEANS OF EGRESS, HEIGHT AND AREA LIMITATIONS, OTHER PERTINENT SITE RELATED MATTERS. DOCUMENTS RELATED TO SITE WORK, INCLUDING SITE AND DEVELOPMENT DRAWINGS, SHALL BE SUBMITTED TO THE LOCAL

GOVERNMENT AGENCY FOR REVIEW AND APPROVAL.
INSTALL STATE INSIGNIA AND BUILDING DATA PLATE IN THE VICINITY OF THE ELECTRICAL DISTRIBUTION PANEL OR OTHER
LOCATION THAT IS READILY ACCESSIBLE FOR INSPECTION, BUT NOT ON ANY READILY REMOVABLE FEATURE.
SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE
INSULATED WITH A MINIMUM R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND WHERE LOCATED
OUTSIDE THE BUILDING WITH A MINIMUM OF R-12 INSULATION IN CLIMATE ZONE 5. WHEN LOCATED WITHIN A BUILDING

ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR CONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R-8 INSULATION IN CLIMATE ZONE 1 THRU 4 AND AMINIMUM OF R-12 INSULATION IN

REFER TO STATE PACKAGE PAGE NO. C34.0 FOR REQUIRED DUCT PROTECTION AT CONNECTION TO HVAC UNIT

HE LIGHTING ON 10 NOT MOKE THAN 50% POWEK. UTOMATIC RECEPTACLE CONTROLS IF REQUIRED SHALL BE PROVIDED AND SITE INSTALLED PER THE REQUIREMENTS O

A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.

HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.

THE LIGHTING ON TO NOT MORE THAN 50% POWER

GOVERNMENT AGENCY FOR REVIEW AND APPROVAL.

STATE OF MARYLAND NOTES:

HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE

NCHES WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT

SERVICE TO THE GENERAL PUBLIC

THAN 40 INCHES ABOVE THE FLOOR

ELECTRICAL NOTES:

AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE

CCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL. THE PRIMARY ENTRANCE MUST BE ACCESSIBLE.

ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.

ALL GLAZING WITHIN A 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR ND ALL GLAZING IN DOORS SHALL BE SAFETY. TEMPERED OR ACRYLIC PLASTIC SHEET

ALL SIGNS REQUIRED TO BE ACCESSIBLE BY THE SCOPING REQUIREMENTS OF THE APPLICABLE CODE SHALL COMPLY WITH THE APPLICABLE PORTIONS OF SECTION 703 OF THE ACCESSIBILITY CODE.

ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT OUTLET HEIGHT NO HIGHER THAN 36 INCHES ABOVE THE FLOOR PORTABLE FIRE EXTINGUISHERS PER N.F.P.A. - 10 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL PROVISIONS FOR EXIT DISCHARGE LIGHTING ARE THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO AND SPOUT SHALL BE LOCATED 15 INCHES FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRON' EDGE OF THE UNIT. INCLUDING BUMPERS. SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HEIGHT MINIMUM. ANGLI LOCAL JURISDICTION APPROVAL WHEN NOT SHOWN ON THE FLOOR PLAN (INCLUDING EMERGENCY LIGHTING WHEN REQUIRED) OF WATER STREAM SHALL BE IN ACCORDANCE WITH THE APPLICABLE ACCESSIBILITY CODE. DRINKING FOUNTAINS FOI STANDING PERSONS SHALL HAVE A SPOUT OUTLET HEIGHT 38 INCHES MINIMUM 43 INCHES MAXIMUM ABOVE THE FLOOR. WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS AND DRAWERS ARE PROVIDED AT LEAST ONE O

HEN LOW SIDES OF ROOF PROVIDE LESS THAN 6 INCHES OF OVERHANG, GUTTERS AND DOWNSPOUTS SHALL BE SITE INSTALLED, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL FRAPPING MUST BE TESTED AND / OR CERTIFIED TO VERIFY THE STRUCTURAL CAPACITY APPROPRIATE OCUMENTATION MUST BE ON FILE AT THE MODULAR BUILDING FACTOR'

HALL BE WITHIN 15 INCHES MINIMUM 48 INCHES MAXIMUM OF THE FLOOR; FOR HIGH FORWARD REACH AREAS WITH DISTRUCTIONS THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE EQUIRED REACH DEPTH OVER THE OBSTRUCTION AND THE HEIGHT OF THE SPACE SHALL BE 48 INCHES MAXIMUM AN IN WIND-BORNE DEBRIS REGIONS, EXTERIOR GLAZING SHALL BE IMPACT RESISTANT OR PROTECTED WITH AN IMPACT RESISTANT COVERING MEETING THE REQUIREMENTS OF AN APPROVED IMPACT RESISTANT STANDARD, OR ASTM E1996. WIND-BORNE DEBRIS REGIONS ARE DESIGNATED IN SECTION 1609 OF THE IBC. WINDOWS AND DOORS THE DEPTH OF THE SPACE SHALL BE 20 INCHES MAXIMUM EXCEPT THE DEPTH MAY BE 25 INCHES MAXIMUM IF THE HEIGH MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR COMPONENTS AND CLADDING. HIS STRUCTURE CAN NOT BE LOCATED ON THE SEAWARD SIDE OF THE COASTAL CONSTRUCTION CONTROL LIN LL CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE CODES SPECIFIED S 44 INCHES MAXIMUM, FOR HIGH SIDE REACH ARES WITH OBSTRUCTIONS THE HEIGHT OF THE OBSTRUCTIONS SHALL E 4 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM AND IF THE REACH DEPT CEEDS 10 INCHES THEN THE MAXIMUM REACH HEIGHT IS 46 INCHES; EXCEPT THE HEIGHT OF WASHING MACHINES AN

HESE PLANS INCLUDE DESIGN FOR THE FACTORY BUILT PORTION OF THE MODULAR STRUCTURE AND PORTIONS OF THE SITE BUILT CONSTRUCTION. THESE PLANS AND DESIGN PLANS FOR ALL ELEMENTS DESIGNATED TO BE

CONTROLS, DISPENSER, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER HAIN THE REACH HEIGHTS SPECIFIED IN NOTE 5 ABOVE AND NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.

DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (ie. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR. DESIGNED BY OTHERS AND/OR SITE INSTALLED MUST BE SUBMITTED TO AND REVIEWED BY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (DESIGNER OF FOR COMPATIBILITY WITH THE DESIGN OF THE OVERALL BUILDING PROJECT AS REQUIRED BY THE APPLICABLE CODES AND LAWS. ALL PARTIES RESPONSIBLE FOR DESIGN WORK SHALL BE QUALIFIED AND LICENSED AS REQUIRED BY THE JRISDICTIONS HAVING AUTHORITY OR SHALL RETAIN SUCH QUALIFIED AND LICENSED ENTITIES TO PERFORM

> ANSPORTATION AND ERECTION OF THIS BUILDING IS DESIGNED BY OTHERS. DESIGNER OF THESE PLANS HAS NOT EVALUATED ANY TRANSPORTATION AND/OR LIFTING ELEMENTS SHOWN IN THESE PLANS, THESE ITEMS MUST BE EVALUATED BY TRANSPORTATION AND ERECTION DESIGNER FOR SUITABILITY INDOWS AND DOORS MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR

COMPONENTS AND CLADDING.
THESE PLANS COMPLY WITH 553.8425 AND/OR RULE 61-G20-3 (PRODUCT APPROVAL)
PLAN REVIEW AND INSPECTION REQUIREDBY CHAPTER 633 F.S. TO BE DONE ON SITE BY LOCAL FIRE INSPECTOR.
THIS STRUCTURE CANNOT BE LOCATED ON THE SEAWARD SIDE OF THE COASTAL CONSTRUCTION CONTROL LINE. E SEALED SET OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY DBPF THIS BUILDING IS DESIGNED FOR TN CLIMATE ZONE 4A

REFER TO THE APPROVED STATE STRUCTURAL PACKAGE FOR DETAILS THAT ARE NOT INCLUDED IN THE PLANS. **MECHANICAL NOTES:**

ALL SUPPLY AIR REGISTERS SHALL BE 10 INCHES x 10 INCHES ADJUSTABLE WITH 20 INCHES X 8 INCHES OVERHEA FIBERGLASS DUCT, UNLESS OTHERWISE SPECIFIED. DUCTS IN UNCONDITIONED SPACES SHALL HAVE R-6 MINIMUN INSULATION. SUPPLY DUCTS EXPOSED TO VENTILATED ATTICS SHALL HAVE MINIMUM R-6 INSULATION IN CLIMATE ZONE 1 THRU 4 (R-12 IN ZONE 5). ZONE 1 THRU 4 (K-12 IN ZONE 5). INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND / OR AS NOTED ON FLOOR PLAN (FOR NON-FIRE RATED DOORS).

HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES PROVIDING 5 CFM PER PERSON AND 0.0 CFM PER SQUARE FOOT OF BUILDING AREA PER IBC. CFM PER SQUARE FOOT OF BUILDING AREA PER IBC.
VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
EXHAUST FANS SHALL PROVIDE A MINIMUM OF 70 CFM FOR EACH WATER CLOSET AND URINAL.
EXHAUST FANS SHALL VENT NO CLOSER THAN 10 FEET FROM MECHANICAL AIR INTAKE.

THERMOSTATS ARE TO BE PROGRAMMABLE. ATING SYSTEM CONTROLS MUST BE CAPABLE OF BEING SET TO AUTOMATICALLY RESTART AND TEMPORARILY PERATE THE SYSTEM TO MAINTAIN TEMPERATURES A ABOVE AN ADJUSTABLE HEATING SETPOINT AT LEAST 1 ELOW THE OCCUPIED HEATING SETPOINT. COOLING SYSTEM CONTROLS MUST BE CAPABLE OF BEING SET. TO MAINTAIN TEMPERATURES BELOW AN ADJUSTABLE COOLING SETPOINT AT LEAST 5° F ABOVE THE OCCUPIED

COOLING SET POINT OR TO PREVENT HIGH SPACE HUMIDITY LEVELS.
HVAC SYSTEMS MUST BE BALANCED IN ACCORDANCE WITH ACCEPTED PRACTICE.
PERMISSIBLE TYPE OF GAS APPLIANCES - NONE (ALL ELECTRIC).

PLUMBING NOTES:

FOILETS SHALL BE ELONGATED WITH NONABSORBENT OPEN FRONT SEATS. RESTROOM WALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48 INCHES ABOV FINISHED FLOOR (AFF). (70 INCHES MINIMUM IN SHOWERS).
WATER HEATER SHALL HAVE A T&P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3 FEE'
ON A COLD WATER SUPPLY LINE.

DWV SYSTEM SHALL BE EITHER PVC - DW WATER SUPPLY LINES SHALL BE EITHER CPVC OR PEX AND SHALL BE INSTALLED IN ACCORDANCE WITH TH ALL PIPE HANGERS SHALL BE NON-METALLIC OR OF THE SAME METAL AS THE PIPE BEING SUPPORTED. ALL PIPE HANGERS SHALL BE NON-METALLIC OR OF THE SAME METAL AS THE PIPE BEING SUPPORTED. ALL

UPPORTS FOR PLASTIC PIPES SHALL PERMIT FREE MOVEMENT AND /OR THERMAL EXPANSION OF THE PIPE. PIPIF UPPORTS SHALL B SPACED IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODS AND MANUFACTURE WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THI WALL INSULATION. WATER, SOIL & WASTE PIPES SHALL NOT BE INSTALLED OUTSIDE OF THE BUILDING, IN ATTICS OF CRAWLSPACES, CONCEALED IN OUTSIDE WALLS OR ANY OTHER PLACE SUBJECTED TO FREEZING TEMPERATURES UNLESS ADEQUATE PROVISIONS ARE MADE TO PROTECT SUCH PIPES FROM FREEZING BY INSULATION OR HEAT OF

WATER CLOSETS ARE TANK TYPE UNLESS OTHERWISE SPECIFIED.
BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS SUBJECT TO LOCAL JURISDICTION

HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVE A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTION MEANS WHERE OTHER DISCONNECTION REVIEW AND APPROVAL. MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED VATER HEATING EQUIPMENT NOT SUPPLIED WITH INTEGRAL HEAT TRAPS AND SERVING NON-CIRCULATION SYSTE SHALL BE PROVIDED WITH HEAT TRAPS ON THE SUPPLY AND DISCHARGE PIPING ASSOCIATED WITH THE EQUIPMENT WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH CONTROLS THAT ALLOW A SET POINT OF 90°F. TEMPERED WATER SHALL BE DELIVERED FROM LAVATORIES IN PUBLIC TOILET FACILITIES. TEMPERED WATER SHALL BE DELIVERED FROM LAVATORIES IN PUBLIC TOILET FACILITIES. TEMPERED WATER SHALL BE DELIVERED THROUGH AN APPROVED WATER-TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110.9 & 110.10 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.

THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL ALL CIRCUITS CROSSING OVER THE MODULE MATE LINE SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBL ND SHALL LIMIT THE TEMPERED WATER TO A MAXIMUM TEMPERATURE OF 110°E

JUNCTION BOXES OR CABLE CONNECTORS.
ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (WP) ENCLOSURES. TH INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED. THE RECEPTACL ITSELF SHALL ALSO BE LISTED FOR DAMP AND WET LOCATIONS AS PER NEC. THE FIRST 8 FEET OF HOT WATER PIPING FROM THE WATER HEATER SHALL BE INSULATED WITH 0.5 INCH OF MATERIAL HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH / H x FT x F. ITHIS BUILDING SHALL BE CONNECTED TO A PUBLIC WATER SUPPLY AND SEWER SYSTEM IF THESE ARE AVAILABLE. WATER SOIL AND WASTE PIPES IN LINCONDITIONED SPACE SHALL BE INSULATED AN PROTECTED FROM FREEZIN 0% OF REQUIRED DRINKING FOUNTAINS MUST INCORPORATE BOTTLE FILLING STATION AS REQUIRED BY

EXTERIOR LIGHTS NOT INTENDED FOR 24 HOUR USE SHALL BE CONNECTED TO A PHOTOCELL OR TIMER.

IF REQUIRED OCCUPANT SENSORS FOR LIGHTING ARE NOT FACTORY INSTALLED THEN THEY SHALL BE SITE INSTALLED B'
OTHERS AND SUBJECT TO THE APPROVAL OF THE JURISDICTION HAVING AUTHORITY. AMENDMENTS TO THE 2021 IPC.

FLOOR DRAINS IN PUBLIC TOILET ROOMS SHALL BE EQUIPPED WITH AN APPROVED TRAP PRIMER TO MAINTAIN THE WATER SEAL IN THE FLOOR DRAIN TRAP AND SHALL BE FED BY AN AUTOMATIC TRAP PRIMING DEVICE. THE WATER HEATER SHALL HAVE CONTROLS TO ALLOW A SET POINT OF 90 DEGREES F. THE OUTLET TEMPERATURI OF LAVATORIES SHALL BE LIMITED TO 110 DEGREES F. IMMING, OR AT LEAST ONE INTERMEDIATE STEP IN LIGHTING POWER BETWEEN 30% AND 70% OF FULL POWER II ADDITION TO FULL ON AND FULL OFF.

AUTOMATIC CONTROL DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 30 MINUTES OF AUTOMATIC CONTROL DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 30 MINUTES OF AUTOMATICALLY TURN. ATER HEATER SHALL BE PLUMBED WITH HEAT TRAPS ON THE SUPPLY DISCHARGE PIPING CONNECTED TO THE

STATE OF MARYLAND NOTES:

ALL SITE WORK, INCLUDING THE LOCATION OF THE BUILDING IS REQUIRED TO BE REVIEWED AND APPROVED BY A MARYLA FRED ARCHITECT OR ENGINEER TO VERIFY CODE COMPLIANCE INCLUDING, BUT NOT LIMITED TO, FIRE RESISTANCE RATING R EXTERIOR PROTECTION, MEANS OF EGRESS, HEIGHT AND AREA LIMITATIONS AND CAL GOVERNMENT AGENCY FOR REVIEW AND APPROVAL BY THEM VIA NORMAL INSPECTION AND PERMIT PROCE

SITE INSTALLED ITEMS:

HE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY EMC A RE NOT CERTIFIED BY THE STATE MODULAR LABEL. NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS

WORK AND MATERIAL THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT LOCAL JURISDICTION APPROVAL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.

RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING ELECTRICAL SERVICE HOOK UP (INCLUDING FEEDERS TO THE BUILDING.
GLAZED OPENING PROTECTION (WHERE REQUIRED)
GUTTERS AND DOWNSPOUTS

LL METAL FRAMING MEMBERS SHALL BE BONDED TO THE BUILDING ELECTRICAL SYSTEM AND IS TH ESPONSIBILITY OF THE BUILDING OWNER. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATELINES.

STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES.

FREEZE PROTECTION DEVICES/SYSTEMS FOR PIPING INSTALLED OUTSIDE THE BUILDING INSULATION ENEVELOPE.

SEE DETAILED NOTES ON THIS PAGE. PORTABLE FIRE EXTINGUISHER(S) BUILDING DRAINS, CLEANOUTS, AND HOOK UP TO PLUMBING SYSTEM. FREEZE PROTECTION OF ALL WATER, SOIL AND WASTE PIPES LOCATED OUTSIDE OF THE BUILDING THERMAL ENVELOPE.

ANY AIR GAPS BETWEEN MODULES AT FLOOR AND CEILING LINES AND ANY OTHER PENETRATIONS THROUGH THE

BUILDING ENVELOPE SHALL BE CAULKED GASKETED, WEATHER STRIPPED, WRAPPED OR OTHERWISE SEALED 1 IMIT UNCONTROLLED AIR MOVEMENT INNI DINCOMMEDILLE AIR MOVEMENT. IANDICAP TACTILE SIGNAGE. XIT DISCHARGE LIGHTING AND/OR LUMINOUS EGRESS PATH LIGHTING (INCLUDING EMERGENCY)

CONTROLLED RECEPTS (IF NOT SHOWN ON PLAN)

DRINKING FOUNTAIN & UTILITY SINK

FLORIDA FIRE PREVENTION CODE PLAN REVIEW & INSPECTION SHALL BE PERFORMED ON SITE BY OTHERS, SUBJECT THE FLOOR AND ROOF DESIGN OF THIS PLAN IS "LIGHT FRAME TRUSS-TYPE CONSTRUCTION" AS REFERENCED IN FA

RULE 693-3012(6). POSTING NOTICE SIGN(S) AS REQUIRED BY FAC 69A-3.012(6) SHALL BE SITE INSTALLED AND IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL METAL FRAMING MEMBERS SHALL BE BONDED TO THE BUILDING ELECTRICAL SYSTEM AND IS TH RESPONSIBILITY OF THE BUILDING OWNER.

WINDOW SPECS

DOUBLE PANE CLEAR GLASS MAX ALLOWABLE AIR LEAKAGE RATE: 0.3 CFM

MAX ALLOWABLE AIR LEAKAGE (PER SQ FT OF DOOR AREA)

DOOR SPECS

(PER SQ FT OF WINDOW AREA) **BUILDING DATA:**

SPRINKLER SYSTEM: FIRE RATING OF EXTERIOR WALLS: 0 HOURS BUILDING AREA: BUILDING HEIGHT: NUMBER OF MODULES

OCCUPANT LOAD [7] BASED ON 1 PERSON PER 100 SQ FT OF OFFICE AREA OCCUPANT LOAD [4] BASED ON 1 PERSON PER 150 SQ FT OF OFFICE AREA (2018/2021 IBC) ENERGY CODE COMPLIANCE: SEE ATTACHED ENERGY CALCULATIONS MANUFACTURERS DATA PLATE, STATE LABELS AND THIRD PARTY LABELS ARE TO BE LOCATED ADJACENT TO ELECTRICAL PANEL.

THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA. THIS BUILDING IS A STAND ALONE STRUCTURE. THIS BLIII DING WILL NOT BE LOCATED IN A HAZARDOUS LOCATION AS DEFINED BY NEC ARTICLE 500. THIS BUILDING IS >30 FEET FROM ADJACENT STRUCTURES.

THIS BUILDING IS >30 FEET FROM ADJACENT STRUCTURES.

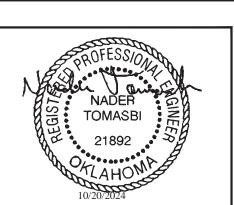
THIS BUILDING HAS A MINIMUM SEPERATION DISTANCE OF 60 FEET FROM ANY UNLIMITED AREA BUILDING.

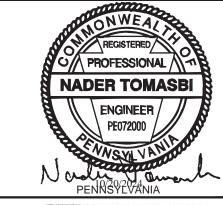
THIS BUILDING IS NOT DESIGNED FOR PLACEMENT IN UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN

BUILDING DESIGN IS BASED ON "ENCLOSED" CLASSIFICATION.

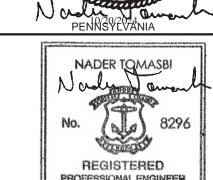
BUILDING MEAN ROOF HEIGHT SHALL NOT EXCEED 15 FEET.

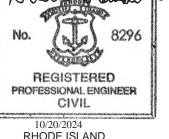
THIS BUILDING IS NOT TO BE USED AS A CLINIC, MEDICAL AND DENTAL OFFICE OR OUTPATIENT FACILITY, DUE TO NOT HAVING TAMPER-RESISTANT ELECTRICAL RECEPTACLES APPEARING IN ELECTRICAL PAGE E1. THIS BUILDING MUST BE INSTALLED WITH THE FIRE SEPARATION DISTANCES REQUIRED BY IBC/NCBC TABLE 602 AND SECTION 705.3 (SECTION 705.3 AND TABLE 705.5-2021 IBC/2023 FBC).

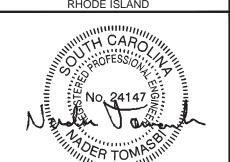


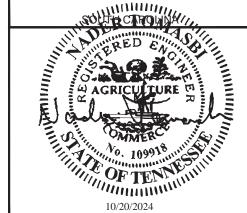


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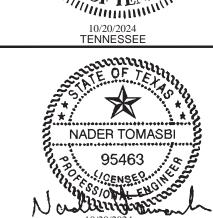


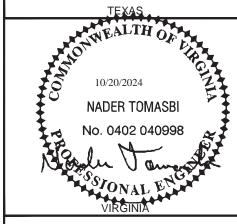


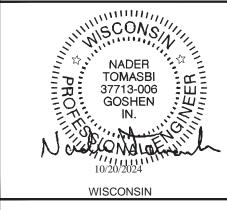


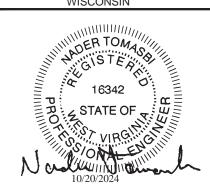


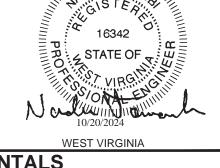
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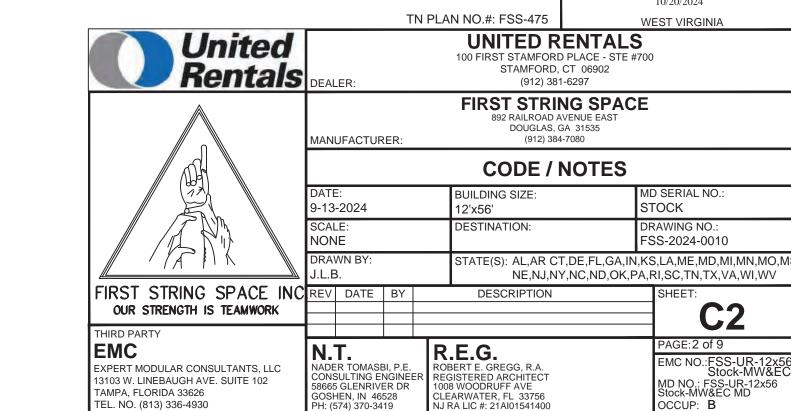
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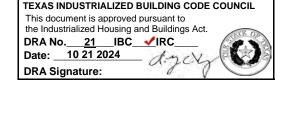
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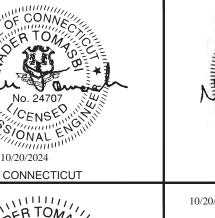
TEL. NO. (813) 336-4930

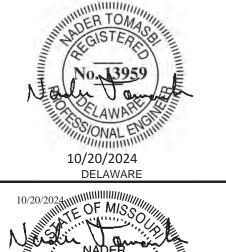


TORNADO LOADS: DESIGN FOR TORNADO LOADS IS NOT REQUIRED FOR RISK CAT II BLDG



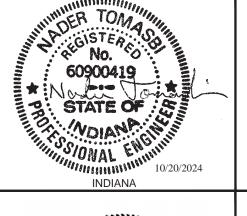


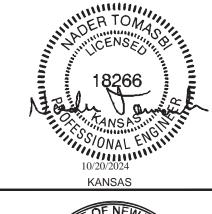


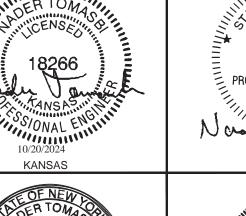


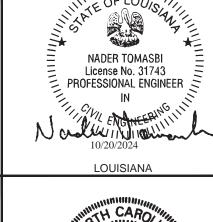




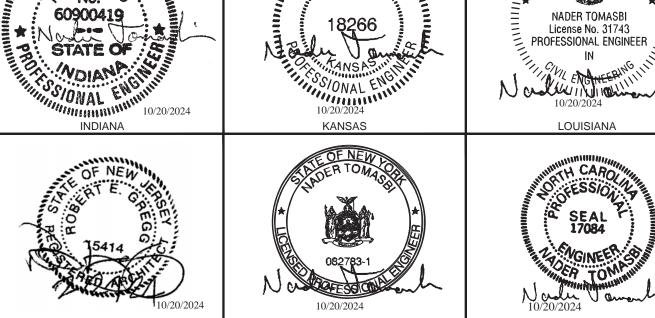
















BUILDING DESIGN IS BASED ON "ENCLOSED" CLASSIFIACTION

 $Ss = \underline{< 0.537} \quad S1 = \underline{< 0.285} \quad Sds = \underline{< 0.491} \quad Sd1 = \underline{< 0.19}$ $SEISMIC DESIGN CATEGORY: \qquad C$

EQUIVALENT SEISMIC ANALYSIS PROCEDURE HAS BEEN USED.
RESPONSE MODIFICATION FACTOR: R = 6.5
SEISMIC RESPONSE COEFFICIENT: Cs = 0.02

V = 1,334 LBS

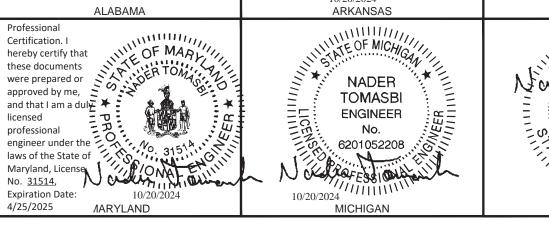
BUILDING MEAN ROOF HEIGHT SHALL NOT EXCEED 15 FEE

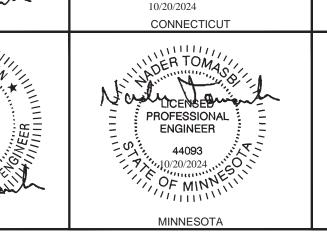
SEISMIC LOAD:
A. SIESMIC IMPORTANCE FACTOR:

BUILDING RISK CATEGORY: SEISMIC SITE CLASS: SPECTRAL RESPONSE COEFFICIENTS:

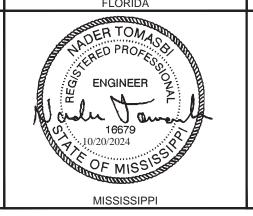
SEISMIC RESISTING SYSTEM:

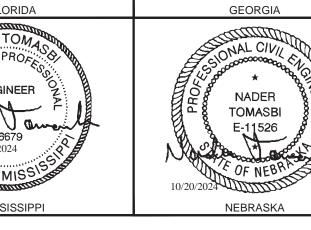
DESIGN BASE SHEAR:



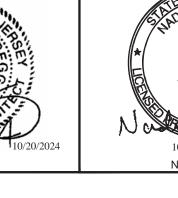


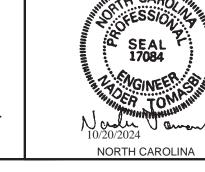






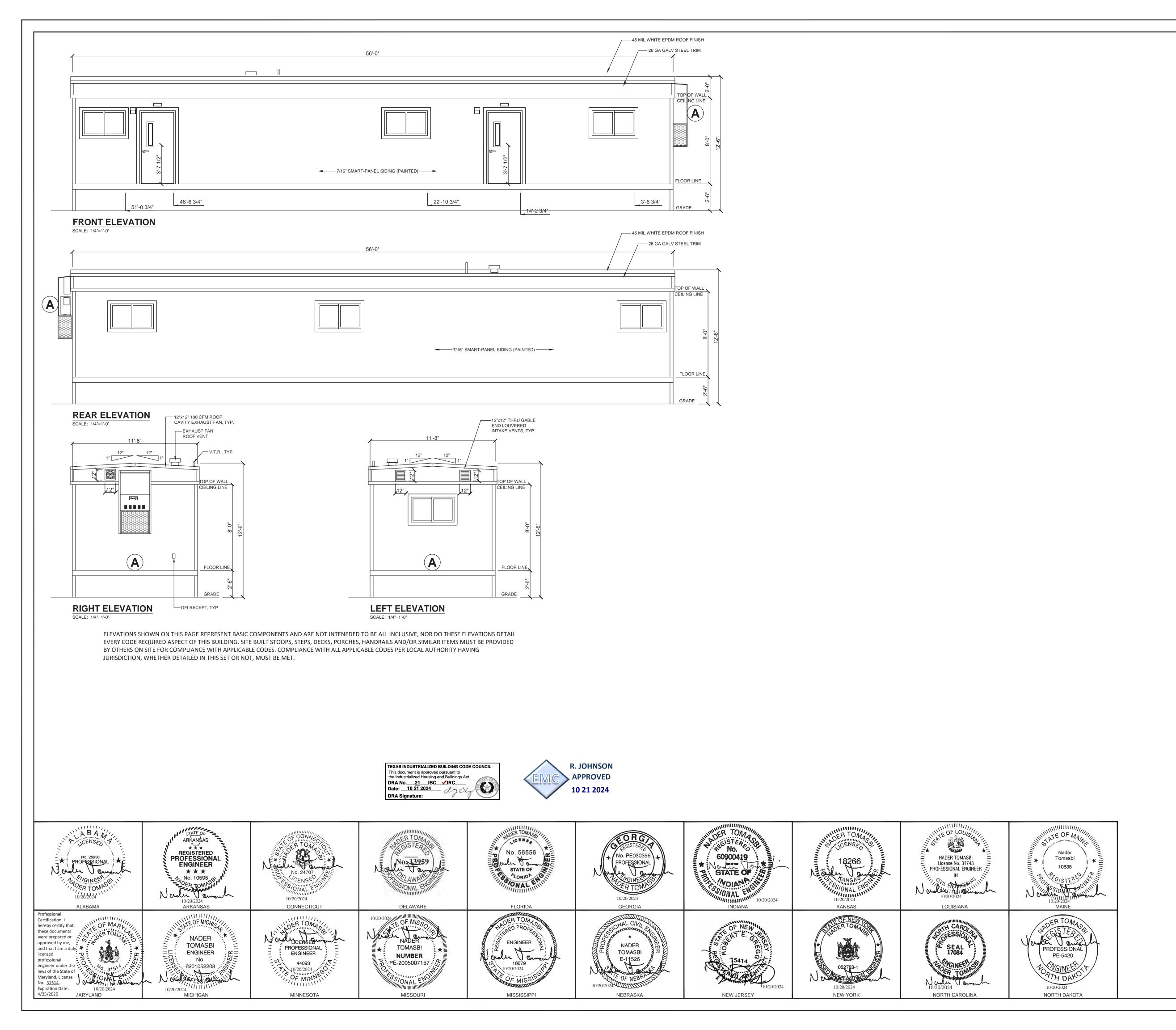






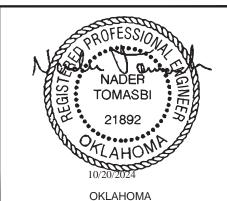


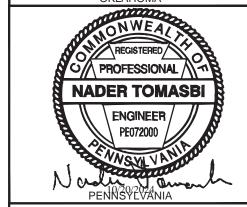
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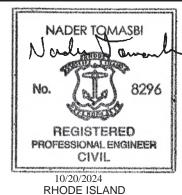


ELEVATION NOTES:

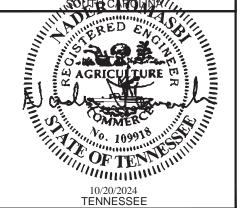
SEE CROSS SECTION FOR METHOD OF ROOF VENTILATION HANDICAP RAM(S), STAIR(S), AND HANDRAILS ARE TO BE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND APPROVAL. FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA, AND AN 18" x 24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION AND

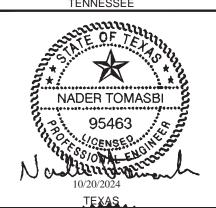


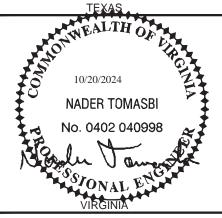


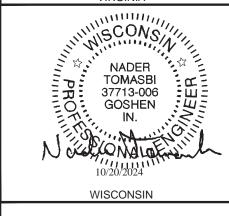














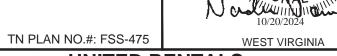
STOCK

FSS-2024-0010

A1

EMC NO.:FSS-UR-12x56 Stock-MW&EC MD NO.: FSS-UR-12x56 Stock-MW&EC MD OCCUP: B

PAGE:3 of 9





NADER TOMASBI, P.E. CONSULTING ENGINEE 58665 GLENRIVER DR GOSHEN, IN 46528 PH: (574) 370-3419

R.E.G.

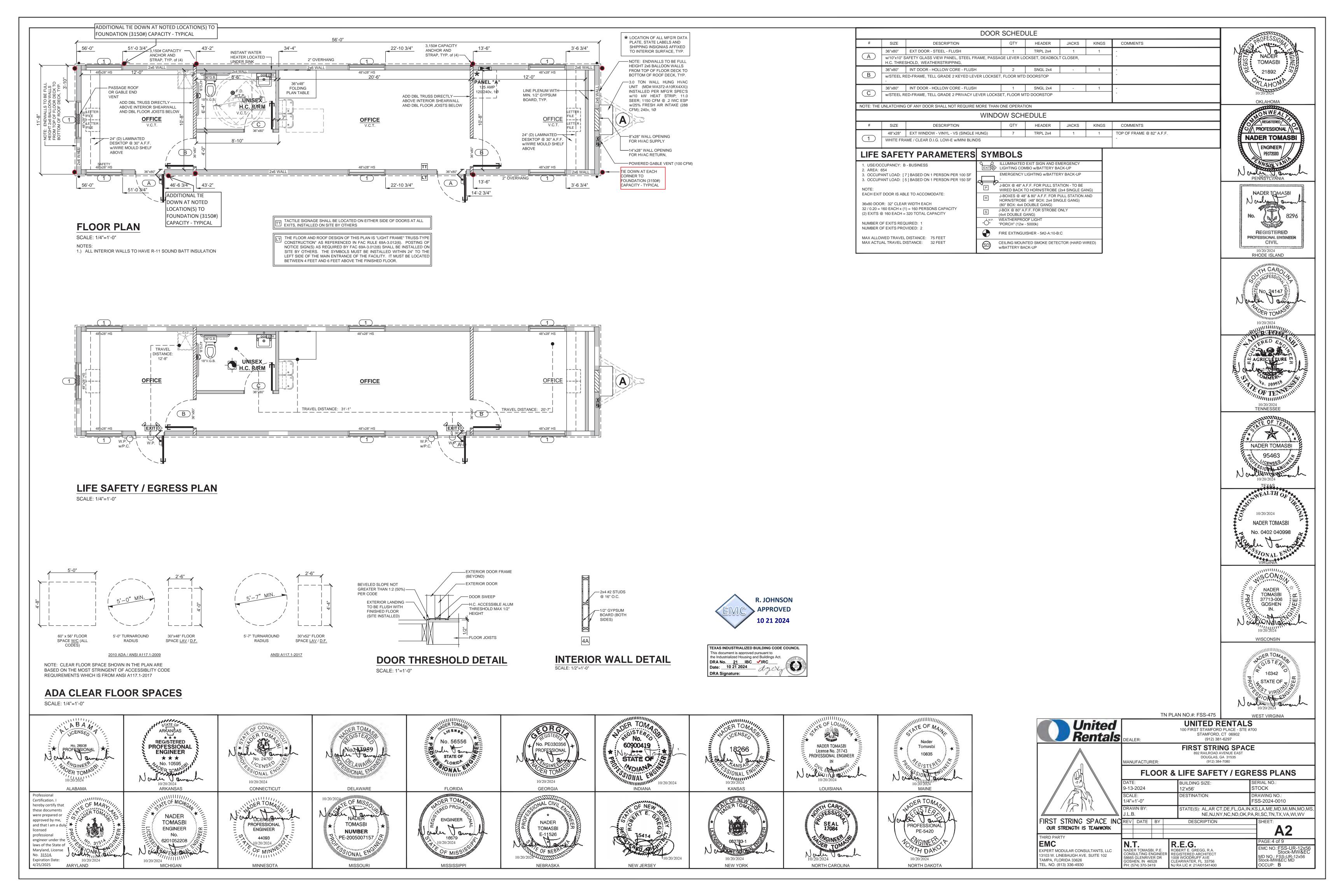
ROBERT E. GREGG, R.A. REGISTERED ARCHITECT 1008 WOODRUFF AVE CLEARWATER, FL 33756 NJ RA LIC #: 21AI01541400

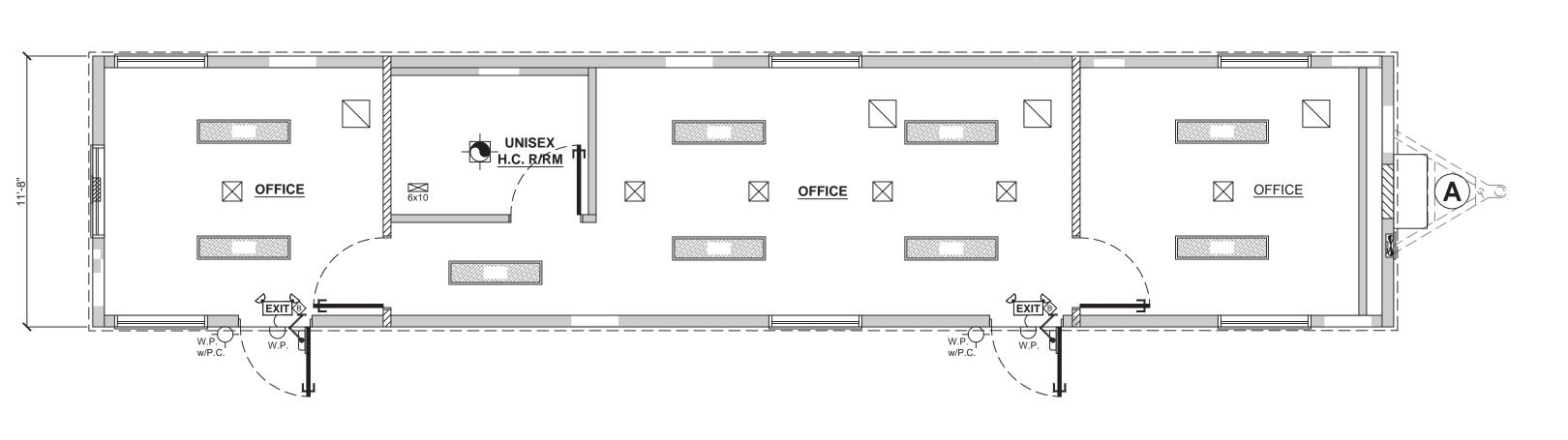
EMC

EXPERT MODULAR CONSULTANTS, LLC

13103 W. LINEBAUGH AVE. SUITE 102

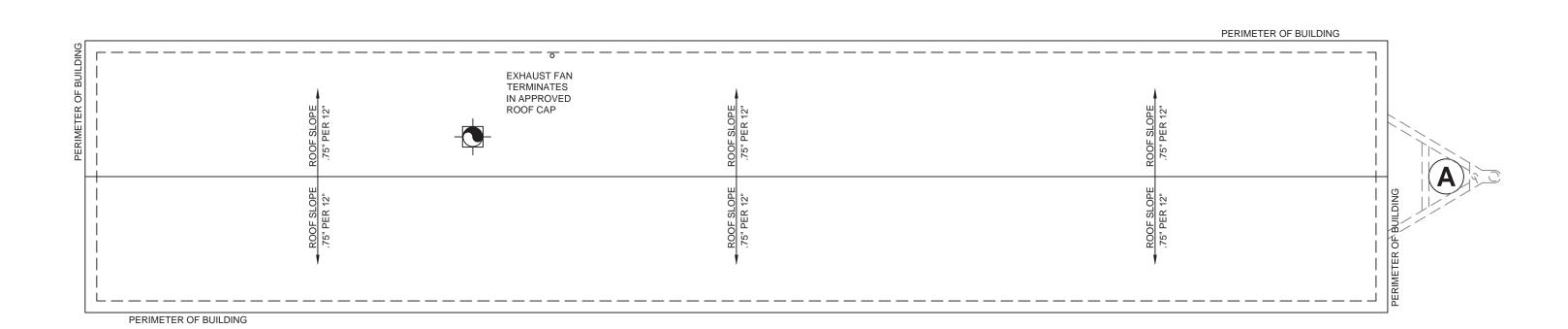
TAMPA, FLORIDA 33626





REFLECTED CEILING PLAN

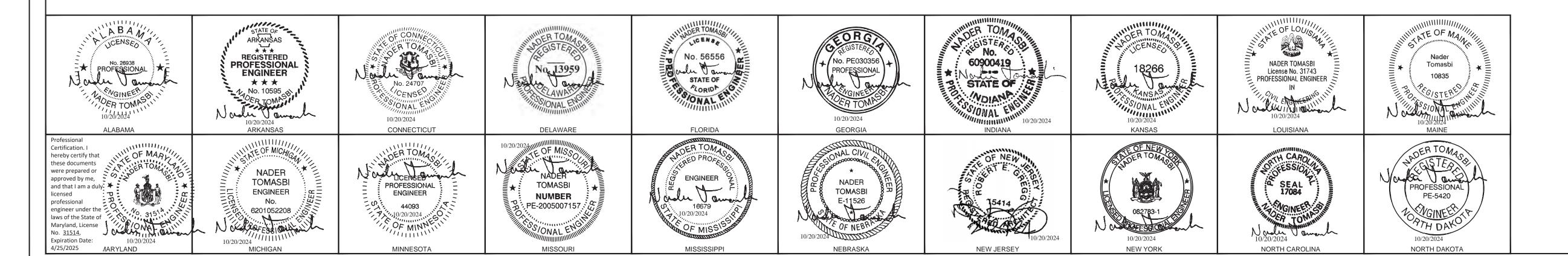
SCALE: 1/4"=1'-0"

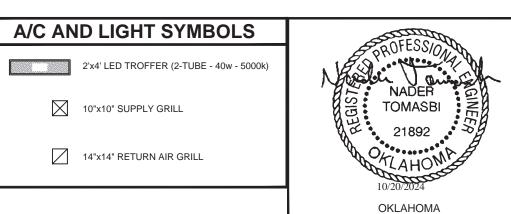


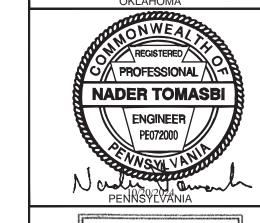
ROOF PLAN SCALE: 1/4"=1'-0"

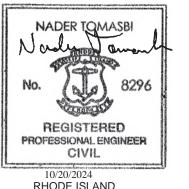


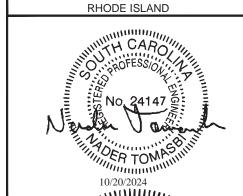
TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL This document is approved pursuant to the Industrialized Housing and Buildings Act. DRA No. <u>21</u> IBC ✓IRC Date: <u>10 21 2024</u> dry cV DRA Signature:

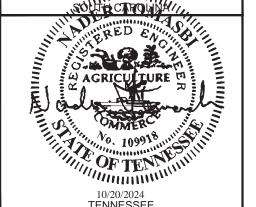


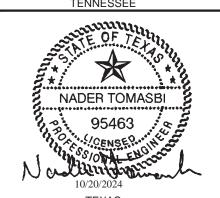


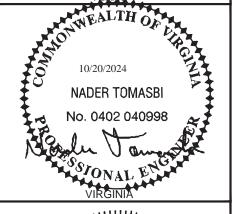


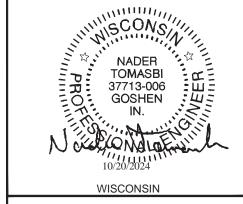


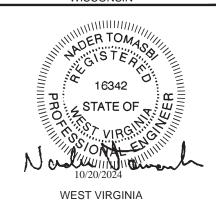


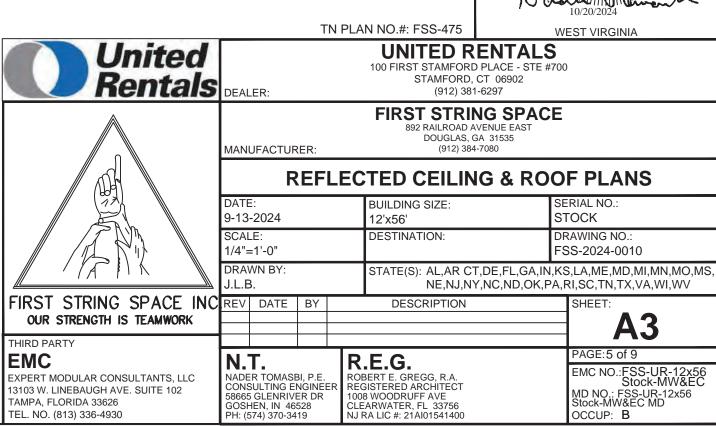












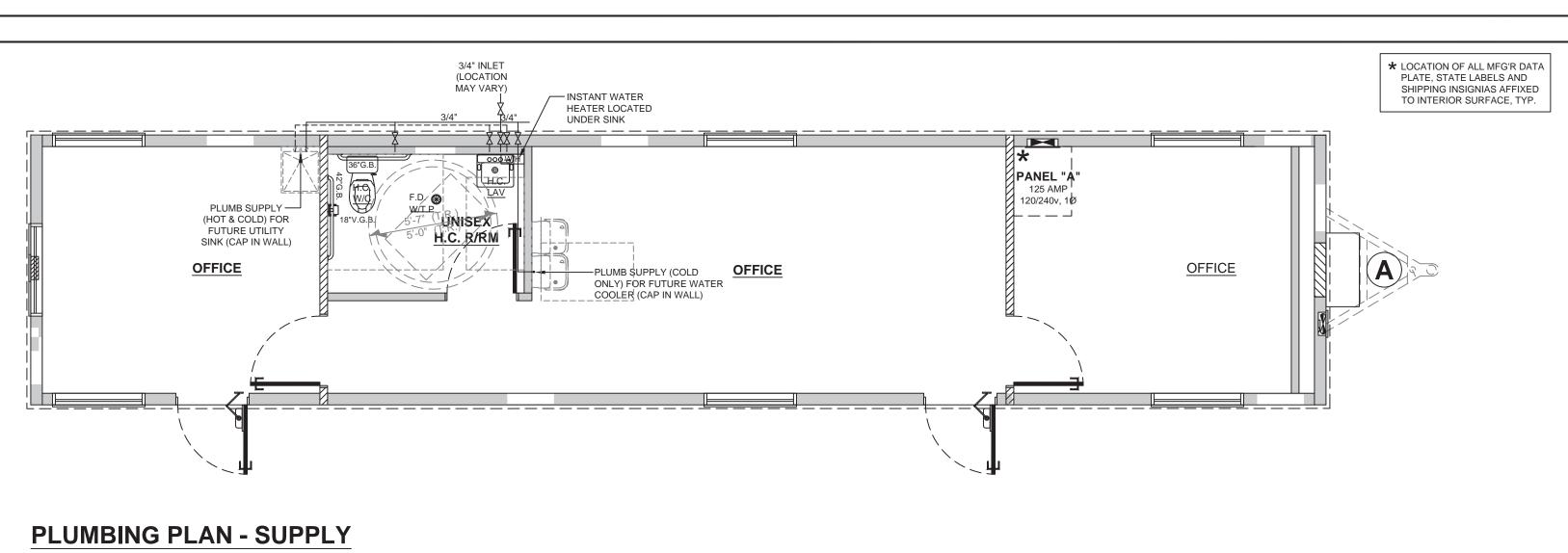
ROBERT E. GREGG, R.A. REGISTERED ARCHITECT 1008 WOODRUFF AVE CLEARWATER, FL 33756 NJ RA LIC #: 21AI01541400

NADER TOMASBI, P.E. CONSULTING ENGINEER 58665 GLENRIVER DR GOSHEN, IN 46528 'H: (574) 370-3419

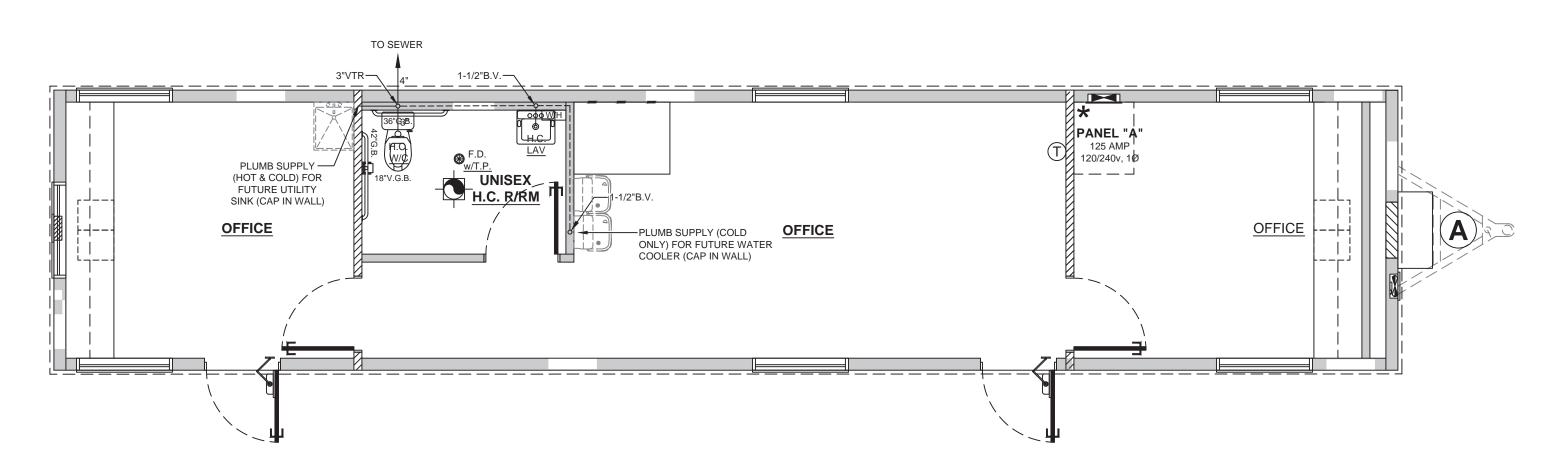
EXPERT MODULAR CONSULTANTS, LLC

13103 W. LINEBAUGH AVE. SUITE 102

TAMPA, FLORIDA 33626

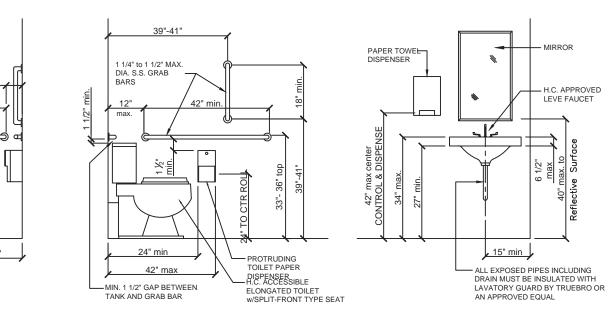


SCALE: 1/4"=1'-0"



PLUMBING PLAN - D.W.V.

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



PLUMBING SCHEDULE					
ITEM	PRODUCT	STANDARDS			
SUPPLY LINES	CPVC	ASTM D 2846			
DWV LINES	SCH 40 PVC	ASTM D 2846			
LAVATORY	AMERICAN STANDARD	ASME A112.19.1 / CSA B45.2 ASME A112.19.2 / CSA B45.1 ASME A112.19.3 / CSA B45.4 CSA B45.5 / IAPMO Z124			
WATER CLOSET	WESTERN	BOWL ASME A112.19.2 / CSA B45.4 ASME A112.19.3 / CSA B45.4 CSA B45.5 / IAPMO Z124 TANK ASME A112.19.1 / CSA B45.1 ASME A112.19.3 / CSA B45.4 CSA B45.5 / IAPMO Z124			
DRINKING FOUNATION	-	ASME A112.19.1 / CSA B45.2 ASME A112.19.2 / CSA B45.1 AHRI 1010			
HAND SHOWER ASSEMBLY	DETLA	ASME A112.18.1 / CSA B125.1 ASME A112.18.3			

Ee-MAX INSTANT WATER HEATER —FULL OPEN VALVES @ WATER HEATER MD#SPEX6524 OR APPROVED EQUAL -PLUMB SUPPLY (COLD ONLY) FOR FUTURE WATER COOLER (CAP IN & COLD) FOR FUTURE UTILITY SINK (CAP IN WALL) UTILITY SINK **SUPPLY RISER** SCALE: N.T.S. HOT ----ALL SUPPLY LINES SHALL BE 3/4" AND ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE

SPECIFIED. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTURCTION. NOTE: FIXTURE DRAINS FROM THE SINKS AND

DRINKING FOUNTAINS MUST CONNECT TO VERTICAL PIPES WITH A SANITARY-TEE NOTE: ALL SUPPLY LINES LOCATED IN EXTERIOR WALLS ARE TO BE FLUSH TOWARD HEATED SIDE OF BUILDING AND WALL INSULATION MUST BE BETWEEN PIPING AND EXTERIOR OF THE BUILDING NOTE: WATER HEATER RELIEF VALVES AND WATER

HAMMER PROTECTED TO BE PROVIDED; REFER TO PLUMBING NOTES

Front Approach (Plan)

30"x48" FLOOR

SPACE <u>LAV</u> / <u>D.F.</u>

5'-0" TURNAROUND

RADIUS

NOTE: CLEAR FLOOR SPACE SHOWN IN THE PLAN ARE BASED ON THE MOST STRINGENT OF ACCESSIBLITY CODE

ADA CLEAR FLOOR SPACES

REQUIREMENTS WHICH IS FROM ANSI A117.1-2017

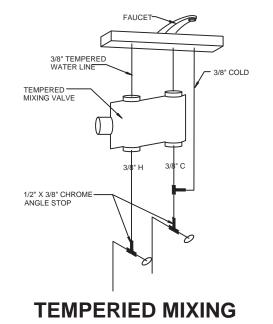
2010 ADA / ANSI A117.1-2009

A117.1-2009

5'-7" TURNAROUND

RADIUS

ANSI A117.1-2017



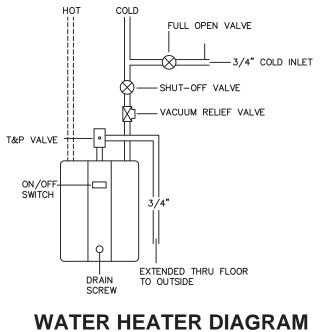
VALVE DIAGRAM

A117.1-2017

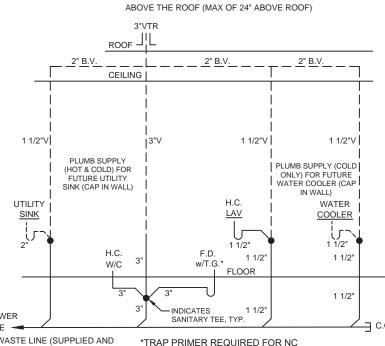
30"x52" FLOOR

SPACE <u>LAV</u> / <u>D.F.</u>

SCALE: N.T.S. PER ASSE1070 TYPICAL AT ALL LAVATORIES



SCALE: N.T.S.

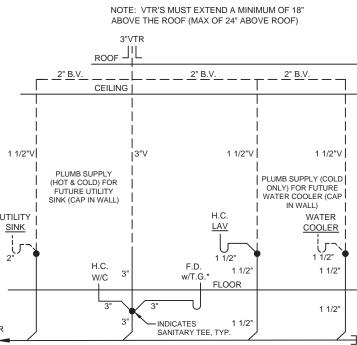


4" WASTE LINE (SUPPLIED AND *TRAP PRIMER REQUIRED FOR NC SITE INSTALLED BY OTHERS)

D.W.V. RISERS

THE D.W.V. RISER INDICATES ONE METHOD OF INSTALLING THE BELOW THE FLOOR PIPING. OTHER

APPROVED METHODS MAY BE USED AS NEEDED TO ACCOMODATE THE ACTUAL SITE CONDITIONS. ALL BELOW FLOOR PIPING AND FITTINGS ARE TO BE SUPPLIED AND INSTALLED ON SITE BY OTHERS. 3 AND 4 INCH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/8 INCH PER FOOT.

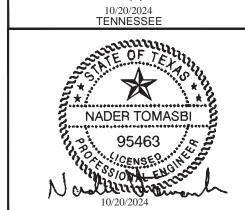


SCALE: N.T.S.

D.W.V. RISER NOTES:

1 1/2 INCH AND 2 INCH HORIZONATL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/4 INCH PER FOOT. BELOW FLOOR HORIZONTAL DRAIN LINES ARE 3 INCH MINIMUM DIAMETER UNLESS INDICATED OTHERWISE. A MAXIMUM OF 3 WATER CLOSETS MAY DISHCARGE INTO A 3 INCH LINE. CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS AS INDICATED IN TABLE 706.3. VERTICAL TO

HORIZONTAL AND HORIZONTAL TO HORIZONTAL CHANGES OF DIRECTION ARE TO BE MADE WITH LONG



TOMASBI

OKLAHOMA

PROFESSIONAL

NADER TOMASBI

\ engineer /

Jarly

REGISTERED

PROFESSIONAL ENGINEER

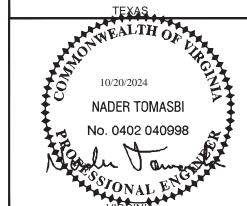
CIVIL

RHODE ISLAND

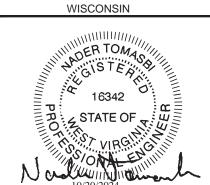
10/20/2024

SOUTH CAROLINA

ERED EN











Front Approach (Elevation)

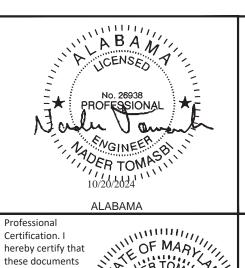
60" x 56" FLOOR

SPACE W/C (ALL

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



RESTROOM (TOILET) PLUMBING FIXTURE ELEVATIONS



1 1/4" to 1 1/2" MAX. DIA. S.S. GRAB BARS

FLUSH HANDLE

LOCATED ON ACCESSIBLE SIDE OF TOILET

were prepared or

approved by me,

licensed

orofessional

engineer under the

laws of the State of

Maryland, License

Expiration Date:

No. <u>31514</u>,

4/25/2025

and that I am a duly: 🐥 🕻

ARKANSAS TATE OF MICHIO NADER TOMASBI **ENGINEER** No. 6201052208 10/20/2024

MICHIGAN

ARKANSAS

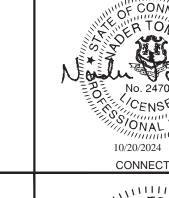
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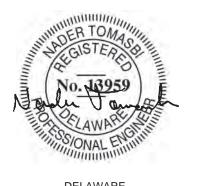
ENGINEER

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, No. 10595 <





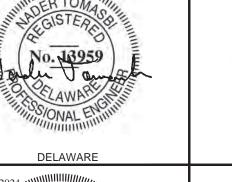


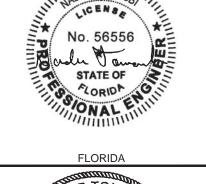
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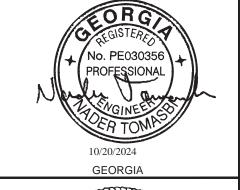




ENGINEER

16679 and 16679

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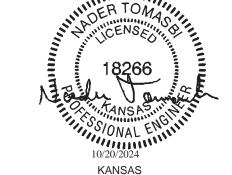


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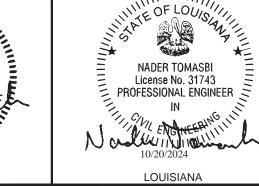
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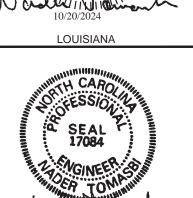
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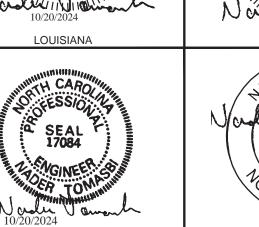


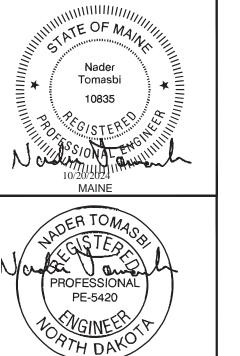


NEW YORK

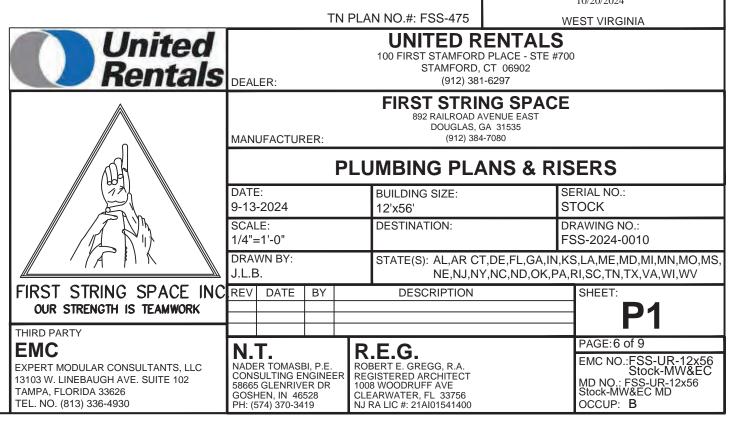


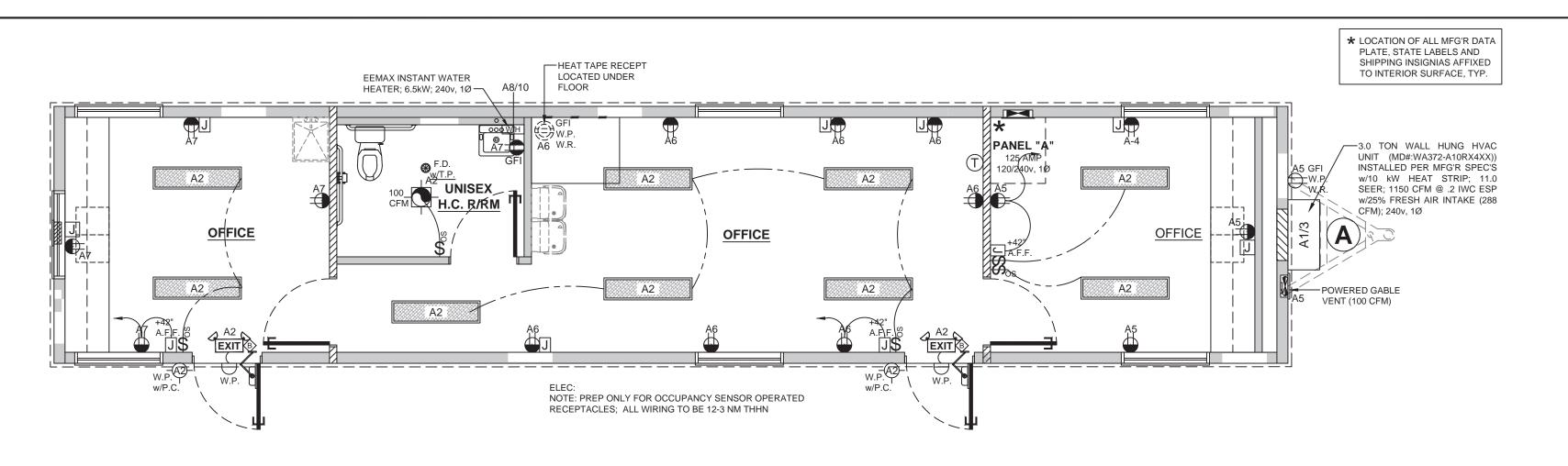






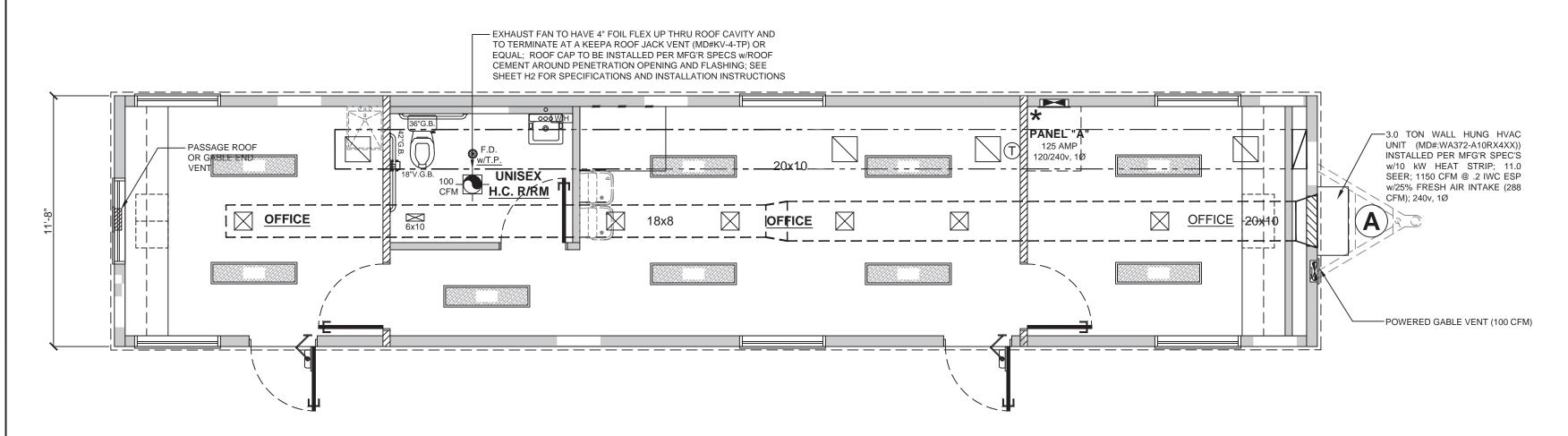
NORTH DAKOTA





ELEC PLAN

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



HVAC PLAN

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

NONMETALLIC DUCTS SHALL BE CONSTRUCTED WITH CLASS 0 OR CLASS 1 DUCT MATERIAL AND SHALL COMPLY WITH UL 181.

FIBROUS DUCT CONSTRUCTION SHALL CONFORM TO THE SMACNA/ANSI FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAIMA FIBROUS GLASS DUCT CONSTRUCTION

THE AIR TEMPERATURE WITHIN NONMETALLIC DUCTS SHALL

NOT EXCEED 250°F (121.1°C).

NONMETTALIC DUCTS SHALL BE MIN R-6 OR BETTER



TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL

This document is approved pursuant to

NEW YORK

the Industrialized Housing and Buildings Act. DRA No. <u>21</u> IBC <u>✓</u>IRC Date: 10 21 2024 d.y. ✓

FRESH AIR VENTILATION:

OCCUPANT DENSITY: (654 / 1000) x 35 = 23 PEOPLE PEOPLE RATE = 23 PEOPLE @ 5 CFM = 115 CFM AREA RATE = 654 @ .06 CFM = 40 CFM

TOTAL CFM REQUIRED = 155 CFM

288 CFM OF OUTSIDE AIR/VENTILATION PROVIDED THROUGH FACTORY INSTALLED FRESH AIR INSTAKE

licensed

orofessional

engineer under the

laws of the State of

Maryland, License

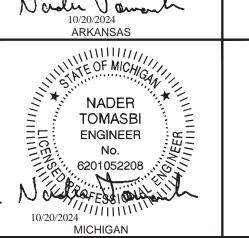
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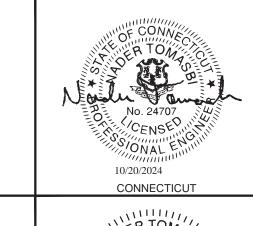
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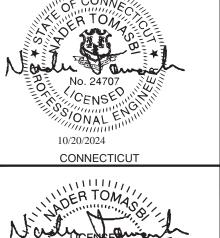
4/25/2025

288 > 155 = OK = PASS	
PROFESSIONAL PROFESSIONAL No. 26938 PROFESSIONAL 10/20/2024 ALABAMA	Fr. 7
Professional Certification. I hereby certify that these documents were prepared or approved by me,	



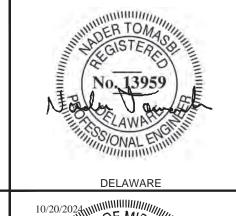






ENGINEER

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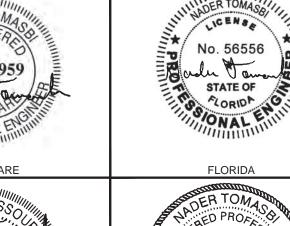


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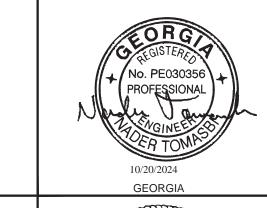


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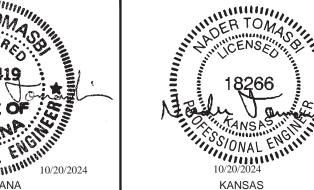


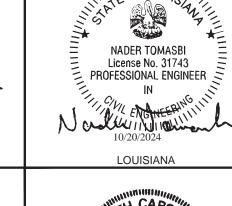
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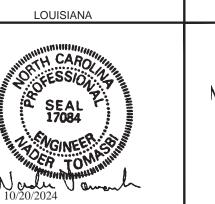
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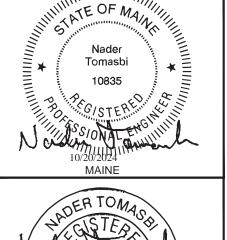
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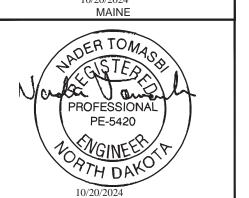












NORTH DAKOTA

CEILING SYMBOLS EL LIGHT FIXTURE (40w - 5000k)

l					
PANE	EL "A"	· · · · · · · · · · · · · · · · · · ·	2'x4' LED PANEL		
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)		ZX4 LLD PANLL
1/3	HVAC DISCONNECT	60A (2P) HACR TYPE	6-2 SE w/#10 GRND	\boxtimes	10"x10" SUPPLY
2	LIGHTS & FAN	20A	12-2 NM THHN		
4-7	RECEPTS	20A	12-3 NM THHN		14"x14" RETURN



ELECTRICAL PANEL SIZING				
PANEL "A"				
DESCRIPTION		KVA		
.0035 kW/SF x 654 SF x 1.25 18 RECEPTS @ 180 VA / 1000 - DED RECPT(S) @ .8 kW x 1.25 1 WATER HEATER @ 6.5 kW 2 FANS @ .3 kW x 1.25 1 HVAC @ 10.50 kW (EA.)	= = = = =	2.86 3.24 - 6.50 .75 10.50		
23.85 TOTAL kW TOTAL / 240 x 1000 = _ INSTALL 125 AMP PANEL 120/240 V, 1Ø PHASE	99.38	AMPS		

ELECTRICAL PANEL SCHEDULE

8/10 WATER HEATER 30A(2P) 10-3 NM THHI



DUPLEX RECEPTACLE @ 42" A.F.F. (UNLESS NOTED)

		KVA	•	OCCUPANCY CONTROLLE UNCONTROLLED (BOTTO		
25 10	=	3.24	+	QUADPLEX RECEPTACLE	,	
1.25	=	-	€	30 AMP, 120v, RECPTACLI	E @ 16" A.F	F.F. (UNLESS NOTED)
N	=	<u>6.50</u> .75	Θ	CEILING MOUNTED DUPLEX RECEPTACLE	₩	CEILING MOUNTED QUADPLEX RECEPTA
	=	10.50	Θ	FLOOR DUPLEX RECEPTACLE	(FLOOR QUADPLEX RECEPTACLE
			\$	SWITCH @ 48" A.F.F.	\$³ 3-WA	AY SWITCH @ 48" A.F.F
_	99.38	AMPS	\$ ^{os}	SWITCH w/OCCUPANCY S	SENSOR @	48" A.F.F.
			\$ ^{oc}	CONTROLLED RECEPT w	OCCUPAN	CY SENSOR @ 48" A.F.
				ELECTRICAL PANEL BOX	48" TO BO	ГТОМ
			J	WALL MOUNTED JUNCTIO	ON BOX 16"	(UNLESS NOTED)
			(J)	CEILING MOUNTED JUNC	TION BOX	
			0	FLOOR MOUNTED JUNCT	ION BOX	
			T	PROGRAMMABLE A/C THE	ERMOSTAT	@ 53" A.F.F.
			EXIT	ILLUMINATED EXIT SIGN LIGHTING COMBO w/BAT		
			Р	J-BOX @ 48" A.F.F. FOR F WIRED BACK TO HORN/S		
			Н	J-BOXES @ 48" & 80" A.F.		

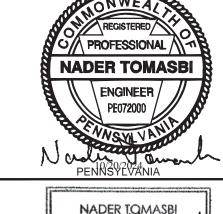
HORN/STROBE (48" BOX: 2x4 SINGLE GANG) (80" BOX: 4x4 DOUBLE GANG)

J-BOX @ 80" A.F.F. FOR STROBE ONLY (4x4 DOUBLE GANG) EXHAUST FAN-100 CFM (UNLESS NOTED) EXHAUST FAN & LIGHT COMBO-100 CFM (UNLESS NOTED W/27w BULB (UNLESS NOTED OTHERWISE) WALL MOUNTED LIGHT
FIXTURE (12w BULB - 5000k)

WEATHERPROOF LIGHT
"PORCH" (12w - 5000k)

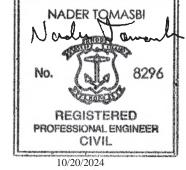
RECESSED LED WAFER LIGH
FIXTURE (12w - 5000k)

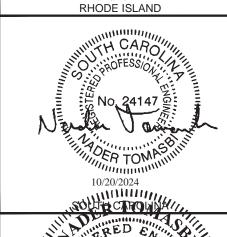
RECESSED LED WAFER LIGHT
FIXTURE (12w - 5000k)

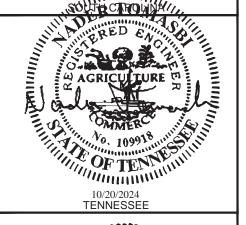


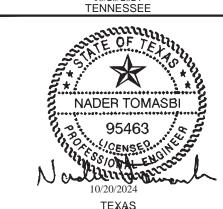
TOMASBI

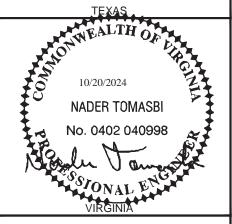
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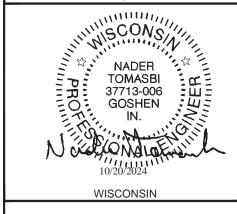


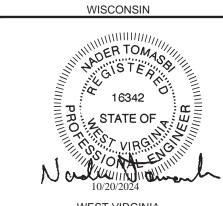






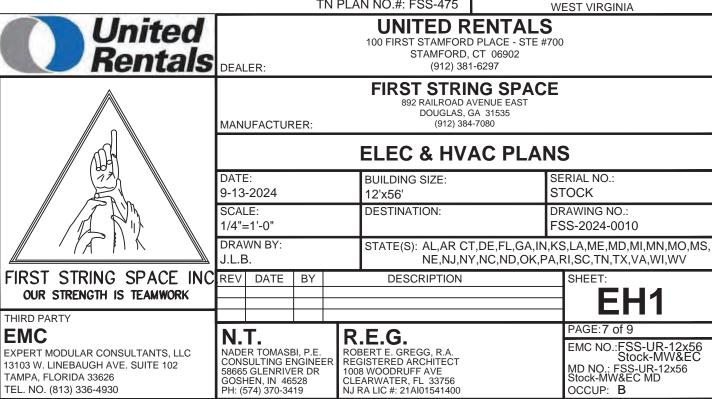






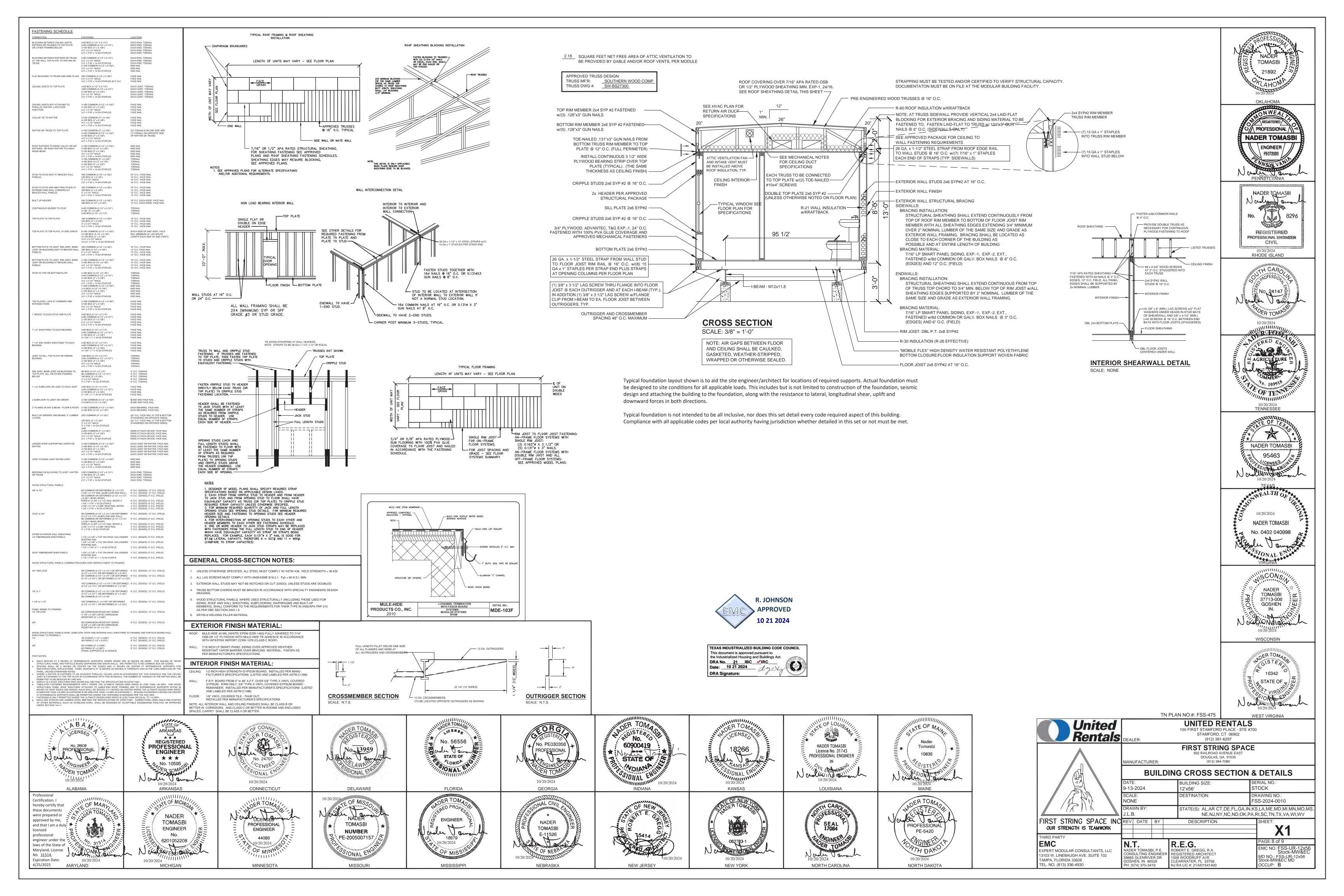
MD NO.: FSS-UR-12x56 Stock-MW&EC MD OCCUP: B

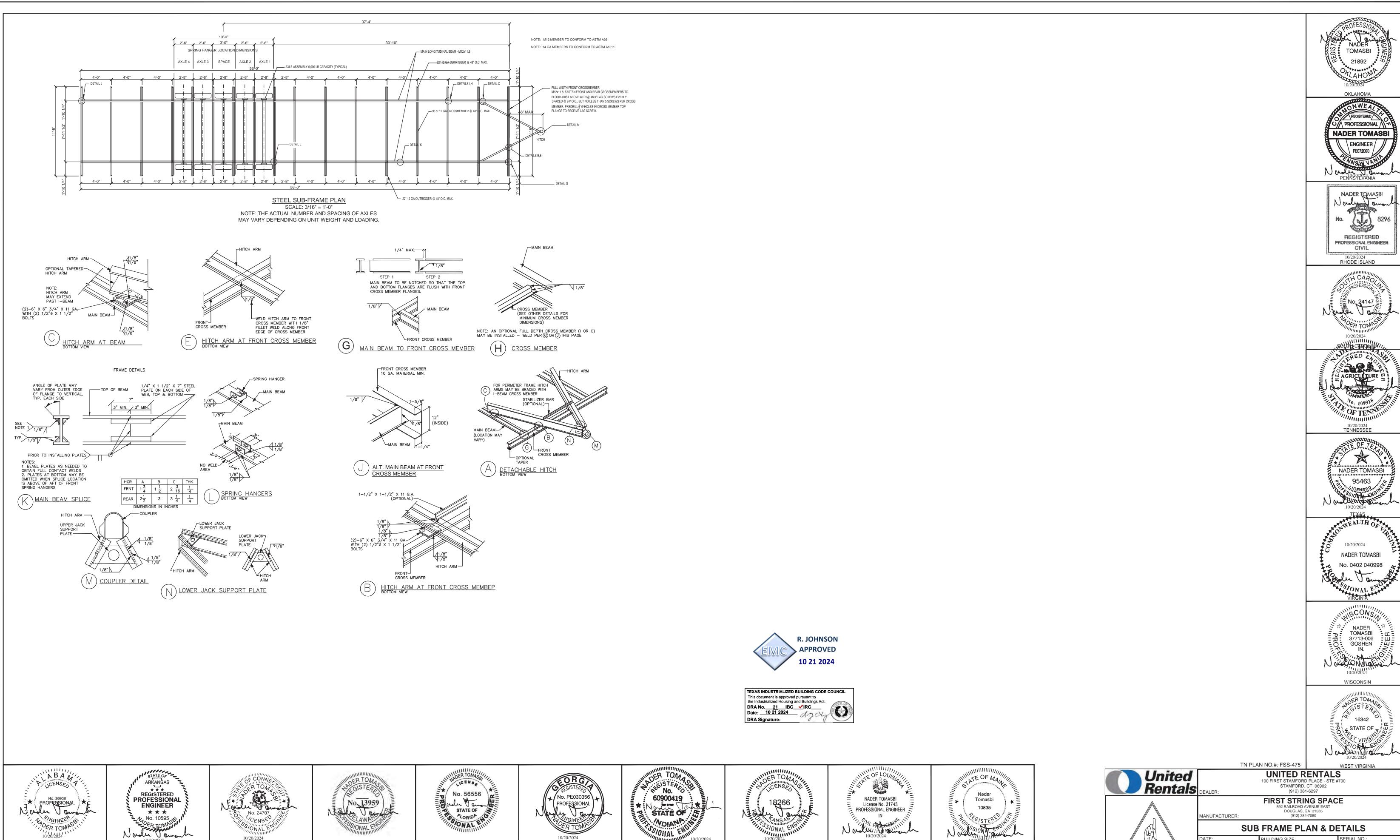




13103 W. LINEBAUGH AVE. SUITE 102

TAMPA, FLORIDA 33626





10/20/2024

KANSAS

MAINE

PROFESSIONAL PE-5420

ATH DAK

SEAL 17084

INDIANA

10/20/2024

GEORGIA

NADER

TOMASBI

E-11526

FLORIDA

ENGINEER

16679 10/20/2024

10/20/2024

ARKANSAS

SAME OF MICHIG

NADER

TOMASBI

ENGINEER

No.

6201052208

MICHIGAN

10/20/2024

Professional

Certification. I

hereby certify that

these documents

were prepared or

approved by me,

licensed

orofessional

engineer under the

laws of the State of

Maryland, License

No. <u>31514</u>,

4/25/2025

Expiration Date:

and that I am a duly: 🐥 🕻

CONNECTICUT

PROFESSIONAL

ENGINEER

44093 77, 10/20/2024

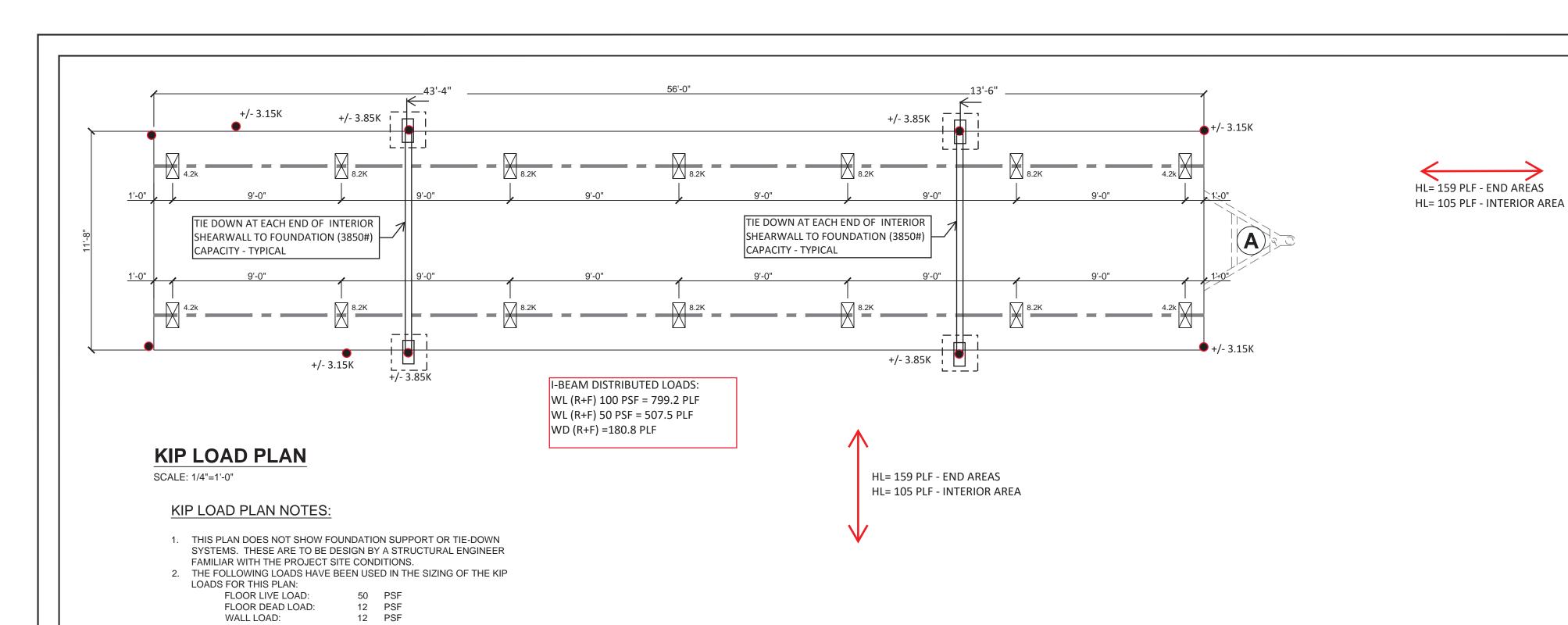
DELAWARE

TOMASBI

NUMBER

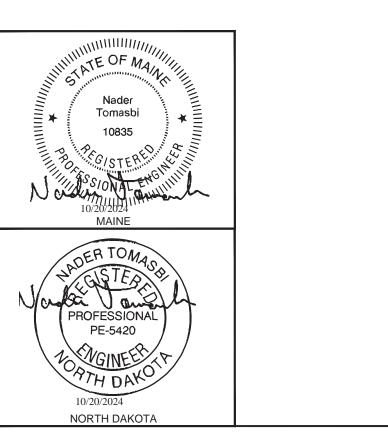
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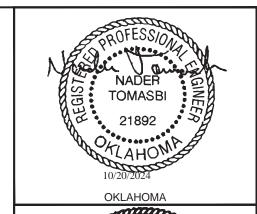


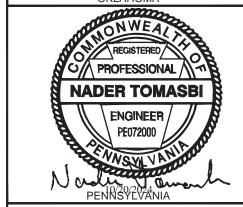


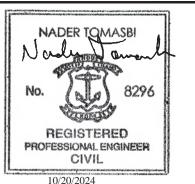


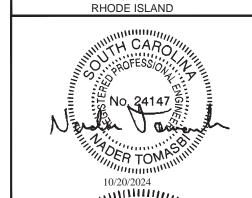
TAMPA, FLORIDA 33626

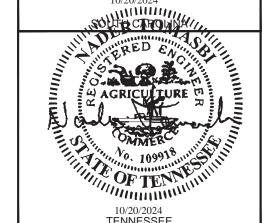
TEL. NO. (813) 336-4930

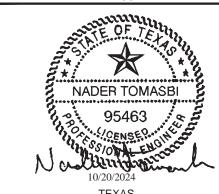


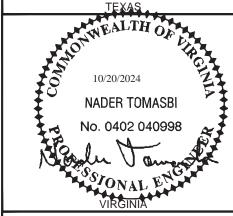


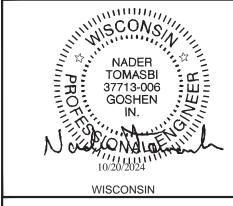


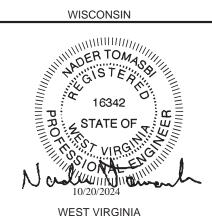


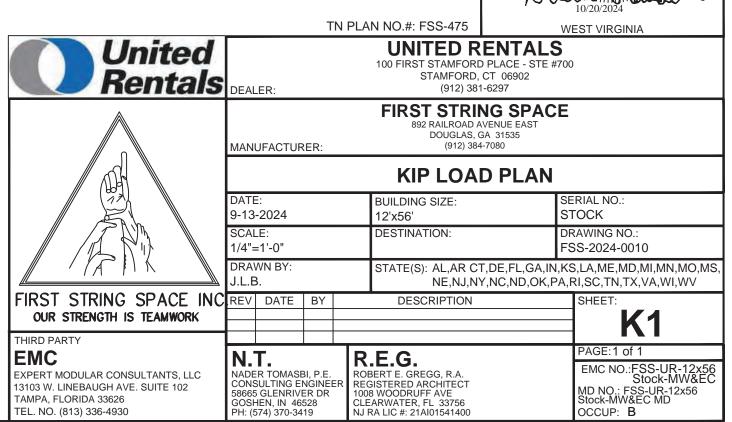






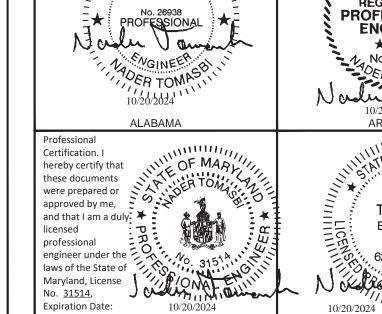












4/25/2025

ABAM

CENSE

STATE OF ARKANSAS

REGISTERED PROFESSIONAL ENGINEER

★ ★ ★ No. 10595

ARKANSAS

SAME OF MICHIG

NADER

TOMASBI

ENGINEER

No.

6201052208

MICHIGAN

WALL LOAD:

OVERAGE:

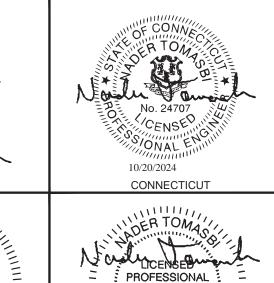
3. SOIL BEARING PRESSURE:

GROUND SNOW LOAD: ROOF DEAD LOAD:

60 PSF 13 PSF

8 PSF

2500 PSF (ASSUMED)



ENGINEER

44093 10/20/2024

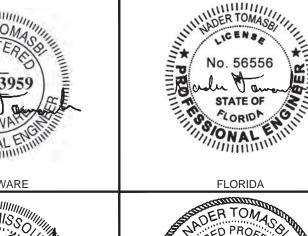


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ENGINEER

16679 10/20/2024



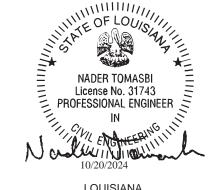
NADER

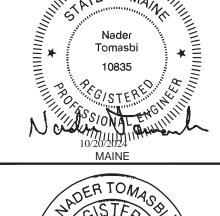
TOMASBI

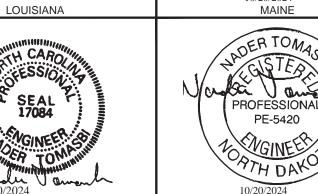
E-11526

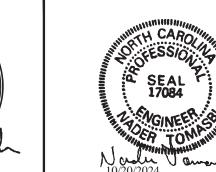


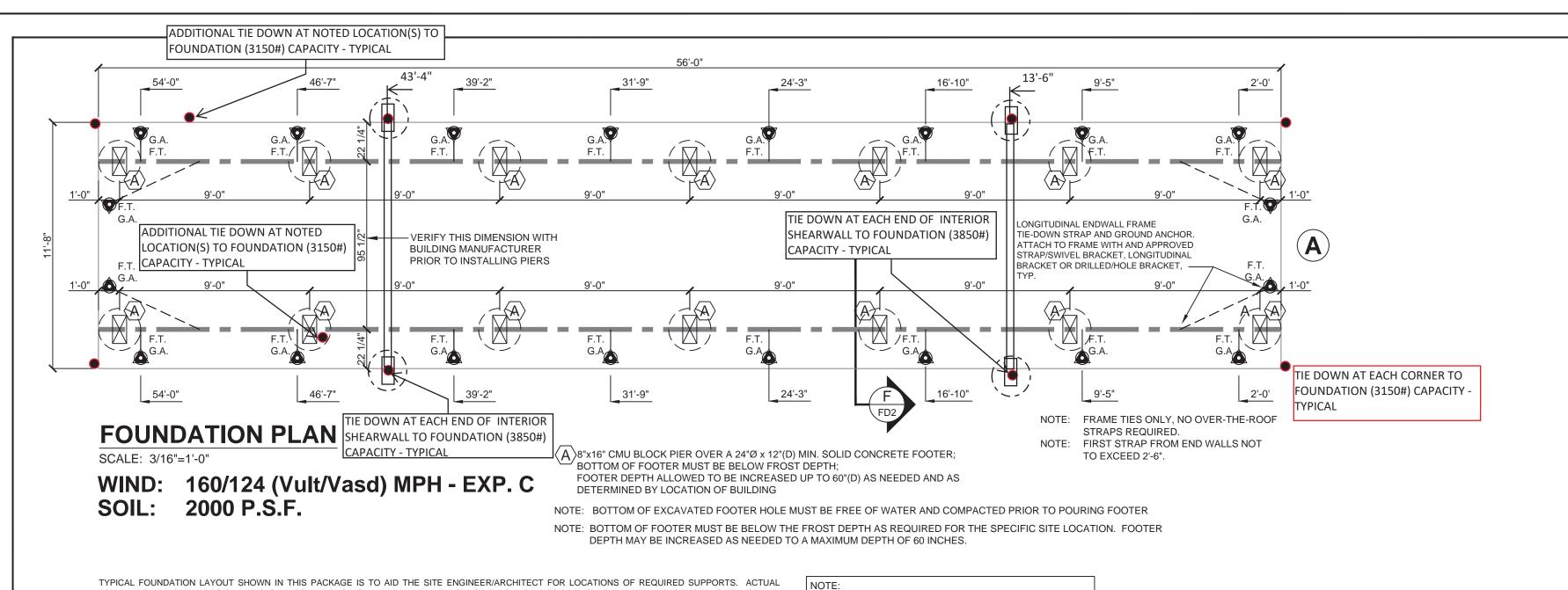












FOUNDATION MUST BE DESIGNED TO SITE CONDITIONS FOR ALL APPLICABLE LOADS. THIS INCLUDES BUT IS NOT LIMITED TO CONSTRUCTION OF THE FOUNDATION, SEISMIC DESIGN AND ATTACHING THE BUILDING TO THE FOUNDATION ALONG WITH THE RESISTANCE TO LATERAL, LONGITUDINAL, SHEAR, UPLIFT AND DOWNWARD FORCES IN BOTH DIRECTIONS. REFER TO BRACING PAGE FOR APPLICABLE BRACING/SEISMIC LOADS FOR ATTACHING THE BUILDING TO THE FOUNDATION.

NOTICE TO FOUNDATION CONTRACTOR. ALL DIMENSIONS, DETAILS AND NOTES ON THIS FOUNDATION PLAN MUST BE REVIEWED AND VERIFIED BY THE FOUNDATION CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OF THE FOUNDATION. ANY APPARENT CONFLICTS. ERRORS OR OMISSIONS MUST BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR RESOLUTION PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR MUST OBTAIN APPROVAL OF THE FOUNDATION PLAN FROM THE LOCAL BUILDING DEPARTMENT PRIOR TO COMMENCING CONSTRUCTION AND MUST COMPLY WITH ALL STATE AND LOCAL CODE, APPROVAL AND INSPECTION REQUIREMENTS. RADCO IS NOT THE DESIGNER OF THE BUILDING OR THE FOUNDATION AND IS NOT RESPONSIBLE OR LIABLE FOR ANY CONFLICTS, ERRORS OMISSIONS OR FAILURES TO COMPLY WITH STATE OR LOCAL CODES.

NOTE: THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF

FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150TH OF THE FLOOR AREA, AND AN 18"x24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS TO LOCAL JURISDICTION.

THIS FOUNDATION PLAN IS FOR REFERENCE ONLY AND IS NOT PART OF THE STATE OF MARYLAND APPROVAL.

WHEN BUILDING IS LOCATED IN NORTH CAROLINA THEN PIER TYPE "B" MUST BE INSTALLED IN-LIEU-OF PIER TYPE

No. 56556

STATE OF

CORIDA

FLORIDA

ENGINEER

16679

10/20/2024

NOTE: BOTTOM OF EXCAVATED FOOTER HOLE MUST BE FREE OF WATER AND COMPACTED PRIOR TO POURING FOOTER NOTE: BOTTOM OF FOOTER MUST BE BELOW THE FROST DEPTH AS REQUIRED FOR THE SPECIFIC SITE LOCATION. FOOTER

HEIGHT OF 32" FROM TOP OF PAD TO

OP OF P.T. 2x8 w/o SURFACE BONDING

REGISTERE

PROFESSIONAL

ENGINEER

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Norder Vament

ARKANSAS

TE OF MICHIN

NADER

TOMASBI

ENGINEER

No.

6201052208

10/20/2024

No. 10595

OF SOLID CONCRETE CAP BLOCK MUST

BAM CENSEN

PROFESSIONAL

BE USED AT ALL PIERS

Professional Certification. I

hereby certify that

these documents

were prepared or

approved by me,

censed

orofessional

engineer under the

laws of the State of

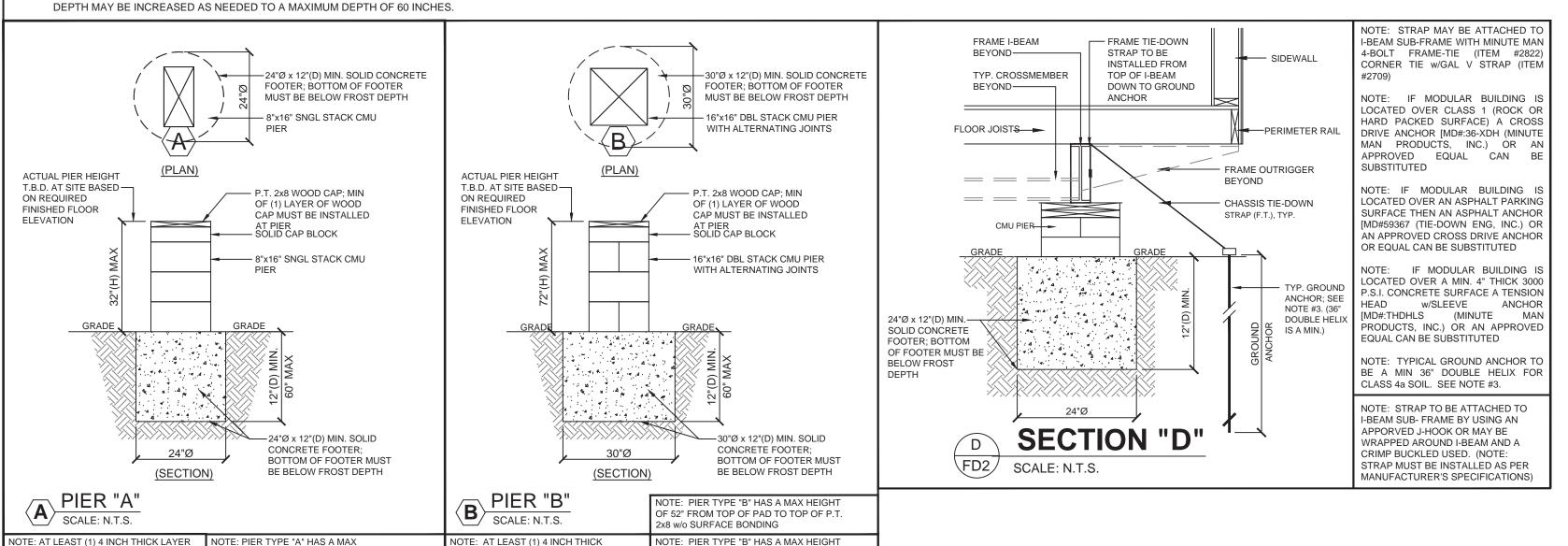
Marvland, License

No. <u>31514</u>,

4/25/2025

Expiration Date:

and that I am a dulv: *



OF 72" FROM TOP OF PAD TO TOP OF P.T.

DELAWARE

TOMASBI

NUMBER

%PE-2005007157 3/2

2x8 w/SURFACE BONDING

LAYER OF SOLID CONCRETE CAP

BLOCK MUST BE USED AT ALL PIERS

CENSE

CONNECTICUT

PROFESSIONAL

ENGINEER

44093

10/20/2024



TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL This document is approved pursuant to the Industrialized Housing and Buildings Act. DRA No. <u>21</u> IBC <u>✓</u>IRC Date: 10 21 2024 d.y.cv

60900419

STATE OF

INDIANA

10/20/2024

MUSIONAL E

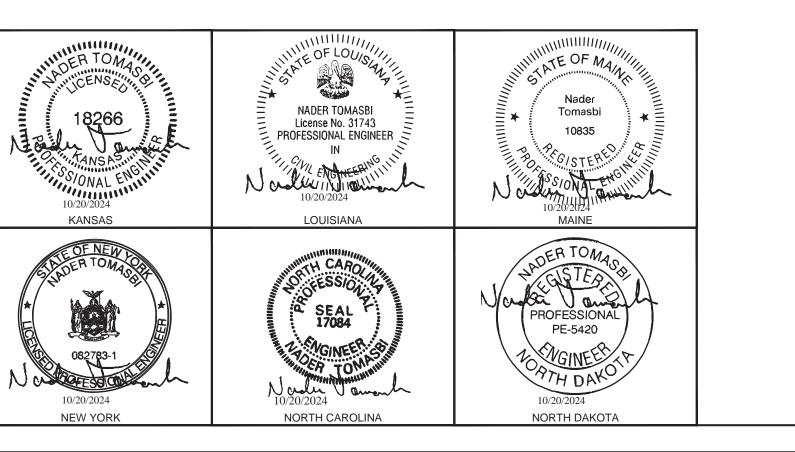
10/20/2024

GEORGIA

NADER

TOMASBI

E-11526



FOUNDATION NOTES:

NOTE: ALL REQUIRED BUILDING AND/OR CONSTRUCTION PERMITS MUST BE APPLIED FOR AND OBTAINED FROM THE LOCAL AUTHORITIES HAVING JURISDICTION PRIOR TO ANY WORKED BEING DONE ON THE ABOVE SHOWN FOUNDATION DESIGN.

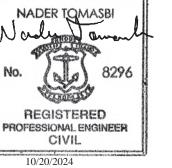
- ALL FOUNDATION CONSTRUCTION MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES. TIE-DOWN STRAPS TO BE 1-1/4"x.035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3953-91. TIE DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE
- 3150# MINIMUM WORKING CAPACITY. ALL TIE DOWN ANCHORS SHALL HAVE A MINIMUM 4,725# CAPACITY AND SHALL BE INSTALLED AS PER THEIR MANUFACTURER'S SPECIFICATIONS. THE TYPE OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELIXES, ETC. TO BE SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE THAT IS ENCOUNTERED AT THE SITE. MINIMUM 36" x 5/8" ANCHOR SHOULD BE USED
- THE FIRST TIE-DOWN STRAP FROM ENDWALLS SHALL NOT EXCEED 2'-6" FROM END OF ALL PIERS SHALL BE CONSTRUCTED OF 8"x 8"x 16" CONCRETE MASONRY UNITS
- CONFORMING TO ASTM C90.
 MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 3,500 PSI AT 28 DAYS WITH A MINIMUM OF 48 HOURS CURE TIME OR 5,000 PSI @ 21 DAYS WITH A MINIMUM OF 18 HOURS CURE TIME BEFORE PIERS MAY BE SET ON THE FOOTERS.
- FOUNDATION REVIEW AND INSPECTION IS TO BE PERFORMED BY THE LOCAL OFFICIALS HAVING JURISDICTION. ALL PIERS SHALL BE CAPPED WITH MINIMUM OF 1 LAYER OF 4 INCH SOLID CONCRETE
- BLOCK AND OPTIONAL 2x8 SYP PRESSURE TREATED SILL PLATES, FULL LENGTH OF PIER. PIERS SHALL PROVIDE A TRUE AND EVEN BEARING SURFACE.
- SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2,000 PSF, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY. THE AREA UNDER FOOTINGS AND FOUNDATIONS SHALL HAVE ALL VEGETATION, STUMP

ROOTS, AND FOREIGN MATERIALS REMOVED PRIOR TO THEIR CONSTRUCTION.

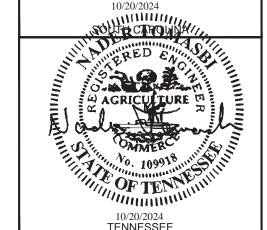
- THE FOUNDATION DIMENSIONS SHOWN ARE NOMINAL. AN INCREASE IN MODULE WIDTH SHOULD BE EXPECTED DUE TO MODULE EXPANSION, SETTING TOLERANCES, ETC. THE FOUNDATION CONTRACTOR SHOULD CONSULT WITH THE MANUFACTURER OF THE MODULES PROIR TO CONSTRUCTION OF THE FOUNDATION TO DETERMINE THE AMOUN OF INCREASED WIDTH TO BE ADDED TO THE NOMINAL DIMENSIONS SHOWN ABOVE.
- MAXIMUM PIER HEIGHT TO BE 48" MAX. w/o SURFACE BONDING AND 68" MAX. W/SURFACE BONDING. MASONRY PIERS INSTALLED IN A DRY STACK SUBJECT TO LOCAL JURISDICTION AND
- APPROVAL UNLESS OTHERWISE NOTED ON THE PLAN.
 ALL MASONRY PIERS MAY BE LAID IN TYPE "M" OR "S" MORTAR COMPLIANCE W/ASTM C887, OR SHALL HAVE SURFACE BONDING MORTAR IN COMPLIANCE w/ASTM C 946. WOOD SHIMS MAY BE INSTALLED WHEN NECESSARY, BETWEEN THE I-BEAM AND THE TOP OF THE PIER. SHIMS SHALL BE FREE OF KNOTS, CHECKS, SPLITS, AND SIMILAR IMPERFECTIONS. SHIMS SHALL BE OF P.T. LUMBER OR CEDAR AND BEARING AT ALL CONTACT POINTS SHALL NOT BE LESS THAN 2/3 OF THE BEARING PRIOR TO
- ADDING THE SHIMS.
 ALL CONCRETE SLAB ANCHORS TO BE #MIJ2, #MIT2, OR #MICS2 (TIE-DOWN ENGINEERI INC.) OR AN APPROVED EQUAL. PROVIDE POSITIVE DRAINAGE UNDER UNIT.
- UNDERGROUND UTILITY LOCATIONS ARE THE RESPONSIBILITY OF OTHERS. ALL UNDER-GROUND UTILITY LOCATIONS MUST BE VERIFIED PRIOR TO ANY EXCAVATION.

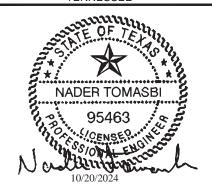


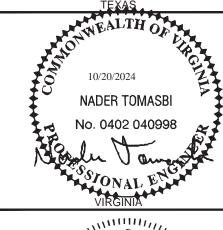


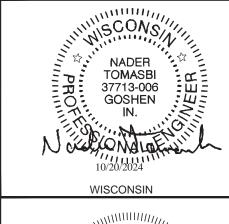


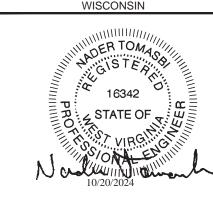
RHODE ISLAND





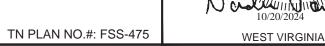


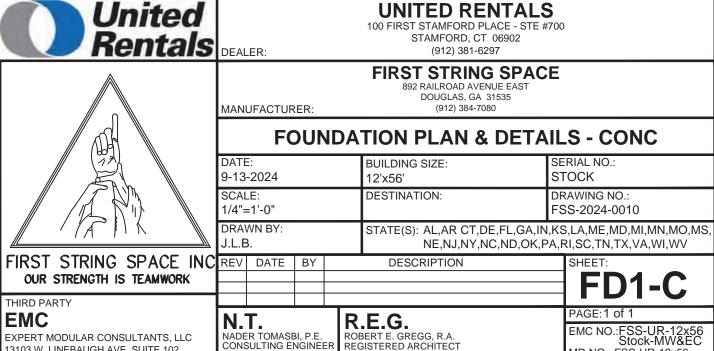




MD NO.: FSS-UR-12x56 Stock-MW&EC MD

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EARWATER, FL 33756

OSHEN, IN 46528 H: (574) 370-3419

13103 W. LINEBAUGH AVE. SUITE 102

TAMPA, FLORIDA 33626

