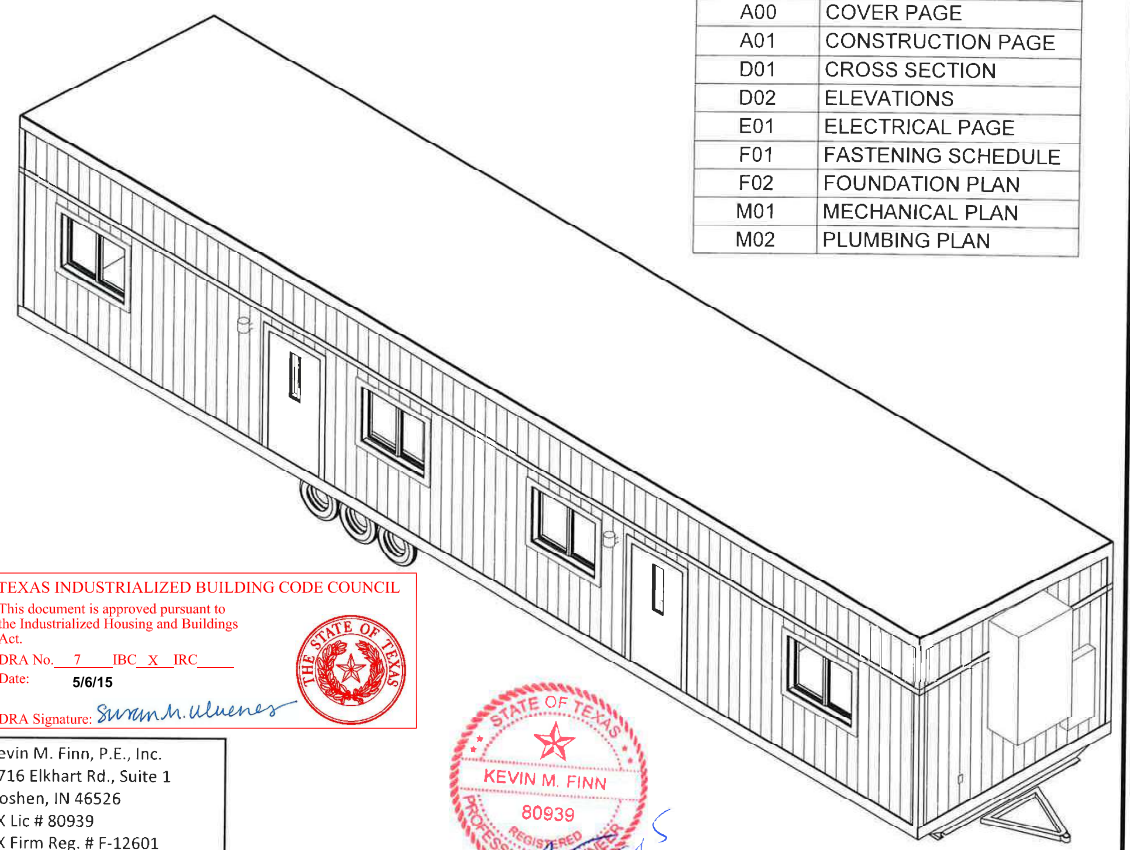


BUILDING CODES	
LEGAL JURISDICTION	TEXAS
BUILDING CODE	2009 IBC INCLUDING APPENDICES G, P & K
ELECTRICAL CODE	2011 NEC
PLUMBING CODE	2009 IPC INCLUDING APPENDICES C, D, E & F
MECHANICAL CODE	2009 IMC
ENERGY CODE	2009 IECC / ASHRAE 90.1 (2007)
ACCESSIBILITY STANDARDS	2012 IAB
OCCUPANCY CLASSIFICATION	B
OCCUPANT LOAD	4
TYPE OF CONSTRUCTION	VB
LIVE LOAD	50 PSF / 2000 LBS CONCENTRATED LOAD
LOBBY & CORRIDOR	100 PSF / 2000 LBS CONCENTRATED LOAD
STORAGE ROOMS	125 PSF / 2000 LBS CONCENTRATED LOAD
ROOF LIVE LOAD	20 PSF
WIND LOAD	WIND SPEED - 130 mph / V35 EXP. B
GROUND SNOW LOAD	10 PSF
SEISMIC DESIGN	CATEGORY D
GAS TYPE	NONE
SPECIAL CONDITIONS AND LIMITATIONS	
1. BUILDING DESIGNED TO BE 10'-0" MIN FROM ADJ. BLDG. PER TABLE 602 OF THE 2009 IBC	
2. EXTERIOR ACCESSIBILITY FEATURES ON SITE BY OWNER	
3. ON PANEL BOX USE #4 BARE COPPER WIRE FROM GROUNDING LUG ON PANEL BOX TO SOLIDLESS GROUNDING BOLT THRU FRAME. EMPTY 1/2" PVC RACEWAY. (SAME LENGTH AS ENTRANCE) FOR CUSTOMER INSTALLED GROUND WIRE.	
4. SERVICE GROUND PER 2011 NEC ARTICLE 250.50 BY OWNER ON SITE	
5. VENTILATION OF ATTIC SHALL BE PER SECTION 1203.3.1 OF THE 2009 IBC, AS REQUIRED	
6. THE FOUNDATION VENTILATION AS PER SECTION 1203.3.1 OF THE IBC, AS REQUIRED	
7. MINIMUM CLEAR AISLE WIDTH SHALL NOT BE LESS THAN 36" INCHES AS PER SECTION 1010.1.1 OF THE IBC	
8. SERVICE SWG IS TO BE AVAILABLE IN ANOTHER BUILDING ON THE SITE OR BE ADDED AS REQUIRED BY LOCAL OFFICIALS	
9. ACCESSIBLE TOILET ROOMS SHALL BE LOCATED ON SITE WITHIN 500' TRAVEL DISTANCE ON AN ACCESSIBLE ROUTE	
10. WATER HEATER SHALL COMPLY WITH IECCS SEC. 504	
11. UNIT CANNOT BE PLACED IN AREAS WHERE GROUND SNOW LOAD EXCEEDS DESIGN CRITERIA INDICATED ABOVE	
12. IF CONCENTRATED FLOOR LOAD IS REQUIRED, ADDITIONAL BLOCKING SHALL BE INSTALLED IN ACCORDANCE WITH LOAD REQUIREMENTS OF IBC 2009 SEC. 1607 AS REQUIRED	
13. BUILDING IS NOT APPROVED TO BE LOCATED IN WIND BORNE DEBRIS REGION	
14. TX LABELS TO BE PLACED ON INTERIOR OF EXTERIOR PANEL BOX OR EXTERIOR OF EXTERIOR PANEL BOX PER TX MANUAL	

BUILDING CODES	
LEGAL JURISDICTION	LOUISIANA
BUILDING CODE	2012 IBC EXC. 1, 11, 21, 25
ELECTRICAL CODE	2011 NEC, NFPA 70E (2009)
PLUMBING CODE	2015 LOUISIANA PLUMBING CODE
MECHANICAL CODE	2015 IMC
ENERGY CODE	ANSI/ASHRAE 90.1 (2007)
GAS CODE	ANSI/ASHRAE 90.1 (2007)
ACCESSIBILITY STANDARDS	ADA/ABA 2010 E.D.
OCCUPANCY CLASSIFICATION	B
OCCUPANT LOAD	4
TYPE OF CONSTRUCTION	VB
LIVE LOAD	50 PSF / 2000 LBS CONCENTRATED LOAD
LOBBY & CORRIDOR	100 PSF / 2000 LBS CONCENTRATED LOAD
STORAGE ROOMS	125 PSF / 2000 LBS CONCENTRATED LOAD
ROOF LIVE LOAD	20 PSF
WIND LOAD	WIND SPEED - 170 mph / V35 EXP. B
GROUND SNOW LOAD	10 PSF
SEISMIC ZONE	AVR-B
SEISMIC PERFORMANCE CATEGORY	B
GAS TYPE	NONE
GENERAL NOTES:	
1. SITE PLAN UNAVAILABLE AT THIS TIME, BUILDING DESIGNED TO BE 11'-0" FROM COMMON PROPERTY LINE AS PER SEC. TABLE 602.	
2. STAIRS, RAMPS, ETC. BY OTHERS	
3. ON PANEL BOX USE #4 BARE COPPER WIRE FROM GROUNDING LUG ON PANEL BOX TO SOLIDLESS GROUNDING BOLT THRU FRAME. EMPTY 1/2" PVC RACEWAY. (SAME LENGTH AS ENTRANCE) FOR CUSTOMER INSTALLED GROUND WIRE.	
4. SERVICE GROUND BY OTHERS AS PER NEC 2011 ARTICLE 250-84.	
5. THE COMPLETED DATA PLATE IS ATTACHED IN THE VICINITY OF THE ELECTRICAL PANEL BOX. STATE LABEL IS AFFIXED TO THE BUILDING ON THE BOTTOM LEFT SIDE OF THE REAR WALL OF THE BUILDING.	
6. PLUMBING FACILITIES MUST BE PROVIDED IN AN ADJACENT BUILDING ON THE SAME PROPERTY AS PER LOCAL BUILDING DEPARTMENT REQUIREMENTS	
7. HVAC CONDENSATE DRAIN TO BE PROVIDED BY CLIENT AND ARE SUBJECT TO APPROVAL BY THE LOCAL JURISDICTION.	
8. WATER COOLER TO BE INSTALLED BY OTHERS	

BUILDING CODES	
LEGAL JURISDICTION	OKLAHOMA
BUILDING CODE	2009 IBC
ELECTRICAL CODE	2009 NEC
PLUMBING CODE	2009 IPC
MECHANICAL CODE	2009 IMC
ENERGY CODE	ASHRAE 90.1 (2007)
GAS CODE	2009 IFGC
FIRE PREVENTION CODE	2009 IFC
OCCUPANCY CLASSIFICATION	B
OCCUPANT LOAD	4
TYPE OF CONSTRUCTION	VB
LIVE LOAD	50 PSF / 2000 LBS CONCENTRATED LOAD
LOBBY & CORRIDOR	100 PSF / 2000 LBS CONCENTRATED LOAD
FLOOR LIVE LOAD	130 PSF / 2000 LBS CONCENTRATED LOAD
ROOF LIVE LOAD	20 PSF
WIND / GAD	WIND SPEED - 130 mph / V35 EXP. B
GROUND SNOW LOAD	10 PSF
SEISMIC ZONE	IB
GAS TYPE	NONE
GENERAL NOTES:	
1. SITE PLAN UNAVAILABLE AT THIS TIME, BUILDING DESIGNED TO BE 10'-0" MIN FROM COMMON PROPERTY LINE AS PER 2009 IBC TABLE 602	
2. STAIRS, RAMPS, ETC. BY OTHERS	
3. ON PANEL BOX USE #4 BARE COPPER WIRE FROM GROUNDING LUG ON PANEL BOX TO SOLIDLESS GROUNDING BOLT THRU FRAME. EMPTY 1/2" PVC RACEWAY. (SAME LENGTH AS ENTRANCE) FOR CUSTOMER INSTALLED GROUND WIRE.	
4. SERVICE GROUND BY OTHERS AS PER NEC 2011 ARTICLE 250-84.	
5. THE COMPLETED DATA PLATE IS ATTACHED IN THE VICINITY OF THE ELECTRICAL PANEL BOX. STATE LABEL IS AFFIXED TO THE BUILDING ON THE BOTTOM LEFT SIDE OF THE REAR WALL OF THE BUILDING.	
6. A DRINKING COUNTRY & SERVICE SWG IS TO BE AVAILABLE IN ANOTHER BUILDING ON THE SITE OR BE ADDED AS REQUIRED BY LOCAL OFFICIALS PER 2009 IBC TABLE 240.1	
7. HVAC CONDENSATE DRAIN TO BE PROVIDED BY CLIENT AND ARE SUBJECT TO APPROVAL BY THE LOCAL JURISDICTION	
13. BUILDING IS NOT APPROVED TO BE LOCATED IN WIND BORNE DEBRIS REGION	
14. WATER COOLER TO BE INSTALLED BY OTHERS	
9. UNIT CAN NOT BE PLACED IN AREAS WHERE GROUND SNOW LOAD EXCEEDS DESIGN CRITERIA INDICATED ABOVE	
10. FIRE EXTINGUISHERS TO BE PROVIDED & INSTALLED ON SITE BY OTHERS & IN ACCORDANCE WITH 2009 IBC 909	

BUILDING CODES	
LEGAL JURISDICTION	ARKANSAS
FIRE & BUILDING CODE	2012 ARKANSAS FIRE PREVENTION CODE
ELECTRICAL CODE	(Based on IBC 2012 w/ Arkansas Amendments)
PLUMBING CODE	2009 ARKANSAS NATIONAL ELECTRICAL CODE
MECHANICAL CODE	2009 ARKANSAS PLUMBING CODE, 10TH ED.
ENERGY CODE	2015 ARKANSAS MECHANICAL CODE
GAS CODE	2009 ARKANSAS MECHANICAL CODE
OCCUPANCY CLASSIFICATION	B
OCCUPANT LOAD	4
TYPE OF CONSTRUCTION	VB
LIVE LOAD	50 PSF / 2000 LBS CONCENTRATED LOAD
LOBBY & CORRIDOR	100 PSF / 2000 LBS CONCENTRATED LOAD
FLOOR LIVE LOAD	130 PSF / 2000 LBS CONCENTRATED LOAD
ROOF LIVE LOAD	20 PSF
WIND LOAD	WIND SPEED - 170 mph / V35 EXP. B
GROUND SNOW LOAD	10 PSF
SEISMIC ZONE	IB
GAS TYPE	NONE
GENERAL NOTES:	
1. BUILDING DESIGNED TO BE 10'-0" MIN FROM ADJ. BLDG	
2. STAIRS, RAMPS, ETC. BY OTHERS	
3. ON PANEL BOX USE #4 BARE COPPER WIRE FROM GROUNDING LUG ON PANEL BOX TO SOLIDLESS GROUNDING BOLT THRU FRAME. EMPTY 1/2" PVC RACEWAY. (SAME LENGTH AS ENTRANCE) FOR CUSTOMER INSTALLED GROUND WIRE.	
4. SERVICE GROUND BY OTHERS AS PER NEC 2011 ARTICLE 250-84.	
5. THE COMPLETED DATA PLATE IS ATTACHED IN THE VICINITY OF THE ELECTRICAL PANEL BOX. STATE LABEL IS AFFIXED TO THE BUILDING ON THE BOTTOM LEFT SIDE OF THE REAR WALL OF THE BUILDING.	
6. PLUMBING FACILITIES MUST BE PROVIDED IN AN ADJACENT BUILDING ON THE SAME PROPERTY AS PER LOCAL BUILDING DEPARTMENT REQUIREMENTS	
7. HVAC CONDENSATE DRAIN TO BE PROVIDED BY CLIENT AND ARE SUBJECT TO APPROVAL BY THE LOCAL JURISDICTION.	



SHEET LIST	
SHEET NO.	SHEET NAME
A00	COVER PAGE
A01	CONSTRUCTION PAGE
D01	CROSS SECTION
D02	ELEVATIONS
E01	ELECTRICAL PAGE
F01	FASTENING SCHEDULE
F02	FOUNDATION PLAN
M01	MECHANICAL PLAN
M02	PLUMBING PLAN

TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL
 This document is approved pursuant to the Industrialized Housing and Buildings Act.
 DRA No. 7 IBC X IRC
 Date: **5/6/15**
 DRA Signature: *Swann H. Aluene*



Kevin M. Finn, P.E., Inc.
 1716 Elkhart Rd., Suite 1
 Goshen, IN 46526
 TX Lic # 80939
 TX Firm Reg. # F-12601

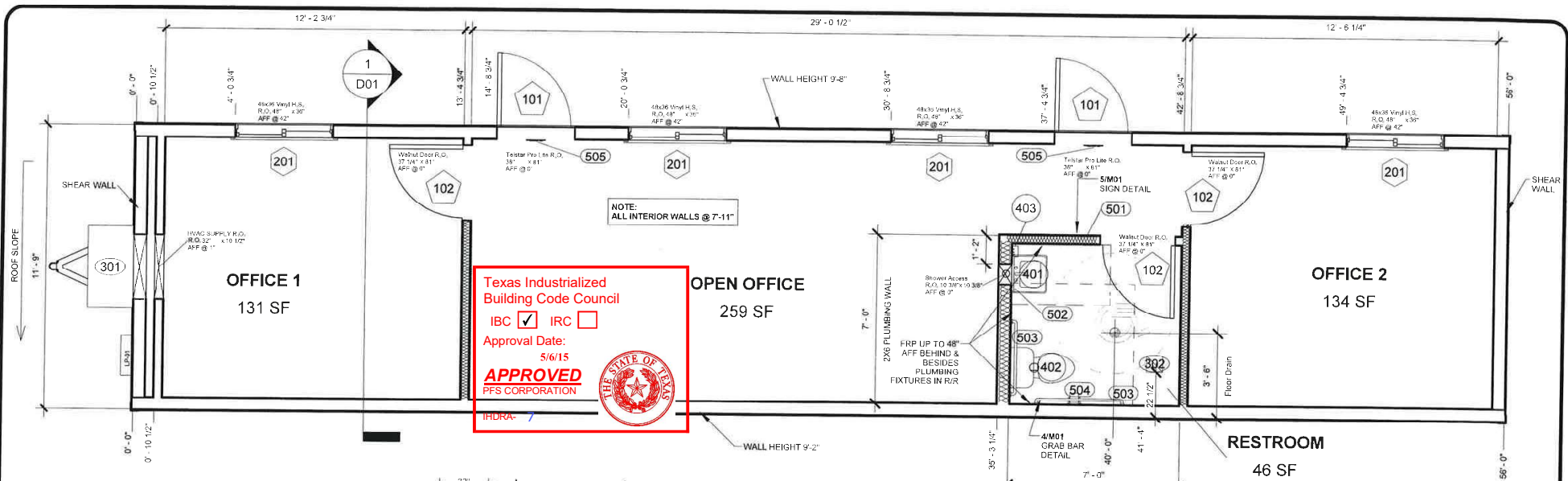


SQ FT = 658
 OCCUPANT LOAD = 6
 NOTE: BUILDING WILL NOT BE PLACED IN DESIGNATED CATASTROPHE AREA PER TX DEPT. OF INSURANCE

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	SCALE	1/8" = 1'-0"	0	ISSUE FOR STATE REVIEW	TNJ	13APRIL2015	11'-9" X 56' OFFICE - MOBILE MODULAR
	DRAWN BY:	TNJ					
	CHECKER:						
	Bld #:	715647-03					DRAWING TITLE:
							COVER PAGE
						PROJECT NO:	SHEET NO:
						15249-01	A00



1101 Foundation Dr., Waco, TX 76712
 Tel: (254) 741-6701



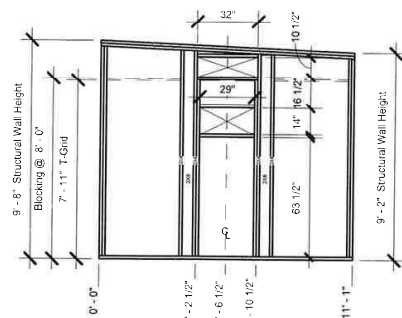
1 CONSTRUCTION PLAN 1/4" = 1'-0"

NOTES:
 1. ALL MEASUREMENTS ARE FROM RAW FRAMING MEMBER TO RAW FRAMING MEMBER, EXCEPT WHEN FINISHED I.D. IS CALLED OUT.
 2. ALL EXTERIOR WALLS ARE DRAWN AT 3'-1/2" ALL INTERIOR ARE DRAWN AS 3'-1/2" UNLESS OTHERWISE NOTED.
 3. ALL DOOR JAMBS ARE 3" AWAY FROM WALL UNLESS OTHERWISE NOTED.
 4. EXTERIOR DOOR AND WINDOW HEADERS TO DBL 2X6
 5. WALL HEIGHT IS 7'-11" EXCEPT WHERE NOTED OTHERWISE

R-11 INSULATION

NOTES ON SHEAR WALLS:

SHEAR WALLS TO BE SHEATHED FULL HEIGHT BOTH SIDES TO BOTTOM OF RAFTERS AND BLOCKING INSTALLED IF NOT CONTINUOUS.

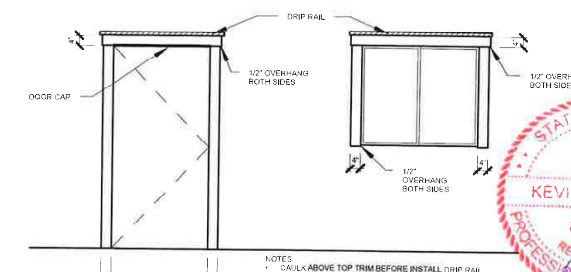


LEGEND

- 3/4" PLYWOOD FILL
- CENTER OF WALL & CENTER OF OPENING
- ROUGH OPENING

3 HVAC FRAMING DETAIL 3 Ton 3/16" = 1'-0"

2 Trim Detail - Door/Window 1/4" = 1'-0"



NOTES:
 1. CALL OUT ABOVE TOP TRIM BEFORE INSTALL Drip Rail
 2. APPLY PUTTY TAPE UNDER Drip Rail BEFORE INSTALLING
 3. SEAL ALL AROUND Drip Rail WITH CAULK

DOOR EQUIPMENT SCHEDULE				
Mark	Count	Function	Model	Description
101	2	Exterior	36"x80"	Telstar Pro 20 Ga. Steel Door w/ 18 Ga. Steel Frame, 8"x30" Lite, Weatherstripping, ADA Threshold, Door Sweeps, & Drip Cap
102	3	Interior	36"x80"	Legacy Walnut w/ Metal Jamb

WINDOW EQUIPMENT SCHEDULE				
Mark	Count	Model	Description	
201	4	48x36	H.S. Low-E, Vinyl w/ Vinyl Mini Blinds	

MECHANICAL EQUIPMENT SCHEDULE				
Mark	Count	Model	Description	
301	1	3 TON	3 Ton Wall Hung System w/ 5kW Heat	
302	1	70cfm	Exhaust fan - Thru Roof	

PLUMBING FIXTURE SCHEDULE				
Mark	Count	Model	Description	
401	1		Wall hung lavatory with faucet	
402	1		Standard water closet w/ tank, bowl, & elongated seat	
403	1		Series 1 Point of Use Non-Thermostatic Electric Tankless Water Heater	

FURNITURE EQUIPMENT SCHEDULE				
Mark	Count	Model	Description	
501	1		Restroom Sign - ADA Compliant	
502	1	16"x36"	Frameless Mirror w/ Glass	
503	1		ADA Grab bar 36" on rear and 42" on side	
504	1		Single-Roll Toilet Tissue Dispenser	
505	2		Luminous Exit Sign w/ Adhesive Backing	

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1101 Foundation Dr., Waco, TX 76712
 Tel: (254) 741-6791

DATE	#	DESCRIPTION	BY	DATE
13APRIL2015	0	ISSUE FOR STATE REVIEW	TJN	13APRIL2015
SCALE	As indicated			
DRAWN BY:	TJN			
CHECKER:				
Bid #:	715647-03			

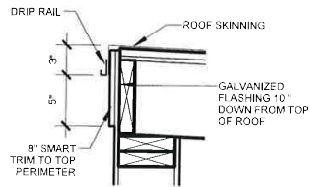
PROJECT TITLE:
 11'-9" X 56' OFFICE - MOBILE MODULAR

DRAWING TITLE:
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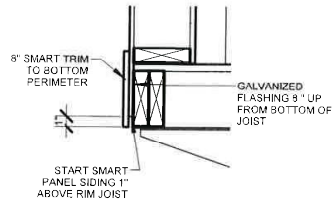
PROJECT NO:
 15249-01

SHEET NO:
 A01

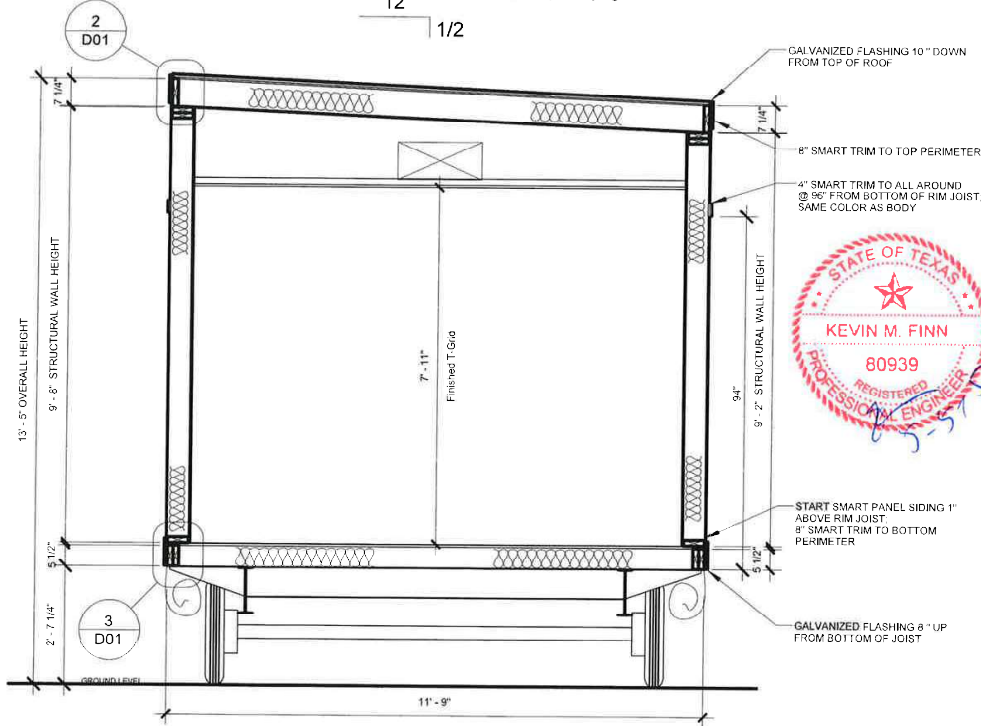
britco
 BUILDING INNOVATION



2 Roof Trim Detail
1" = 1'-0"



3 Floor Trim Detail
1" = 1'-0"



1 CROSS SECTION
3/8" = 1'-0"

FRAME

- 12' X 60' (56' BOX) 12" - I-BEAM, 2BR - 1DR AXLES, REMOVABLE HITCH, 14 PLY TIRES

FLOOR CONSTRUCTION

- .040 MOBILE FLEX
- 2x6 #2 SYP @ 16" O.C. DOUBLE RIM JOIST
- R-22 KRAFT FACED INSULATION (FORMALDEHYDE FREE)
- 3/4" T&G PLYWOOD DECKING - SINGLE LAYER
- 12"X12"X1/8" ARMSTRONG TILE THROUGHOUT (NON-STAGGERED/PATTERN SAME DIRECTION)

EXTERIOR WALL

- 7/16" LP SMART PANEL 8" VERTICAL SIDING
- 8" SMART PANEL TRIM TO TOP & BOTTOM
- 4" SMART PANEL TRIM TO WINDOWS, DOORS, & CORNERS
- 3/8" PLYWOOD SHEATHING TO EXTERIOR OF END WALLS ONLY
- 2 x 4 #2 SYP @ 16 O.C.
- R-13 KRAFT FACED INSULATION (FORMALDEHYDE FREE)
- DOUBLE TOP PLATE
- SINGLE BOTTOM PLATE
- 1/2" VCG WITH MATCHING 1" BATTENS
- 4" VINYL COVE BASE THROUGHOUT
- FRP UP TO 48" BEHIND AND BESIDE FIXTURES
- BUILDING WRAP
- GALVANIZED FLASHING AT FULL PERIMETER RAILS

INTERIOR WALLS

- 2 x 4 #2 SYP @ 16 O.C.
- DOUBLE TOP PLATE
- SINGLE BOTTOM PLATE
- 1/2" VCG WITH MATCHING 1" BATTENS
- 4" VINYL COVE BASE THROUGHOUT
- FRP UP TO 48" BEHIND AND BESIDE FIXTURES

ROOF CONSTRUCTION

- 2x8 #2 SYP @ 24" O.C.
- R-30 UNFACED INSULATION (FORMALDEHYDE FREE) W/ NETTING
- .045 WHITE EPDM W/ ALUMINUM DRIP RAIL PER ESR 1776
- 7/16" MULEHIDE F/R DECK SHEATHING
- (GRIDSTONE TILES TO R.R. - 2x4 T-GRID SUSPENDED CEILING (ARMSTRONG FIBERGLASS #2910)
- HURRICANE STRAPPING PER CODE

Texas Industrialized
Building Code Council

IBC ☒ IRC ☐

Approval Date:

5/6/15

APPROVED
PFS CORPORATION

IHDRA- 7



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Tel: (254) 791-0101

DATE	13APRIL2015	#	DESCRIPTION	BY	DATE
SCALE	As indicated	0	ISSUE FOR STATE REVIEW	TNJ	13APRIL2015
DRAWN BY	TNJ				
CHECKER					
Bid #	715647-03				

PROJECT TITLE
11'-9" X 56' OFFICE - MOBILE MODULAR

DRAWING TITLE:
CROSS SECTION

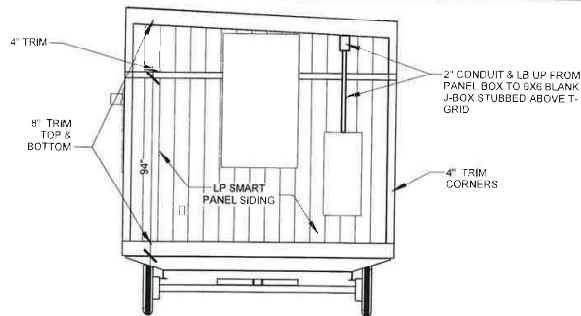
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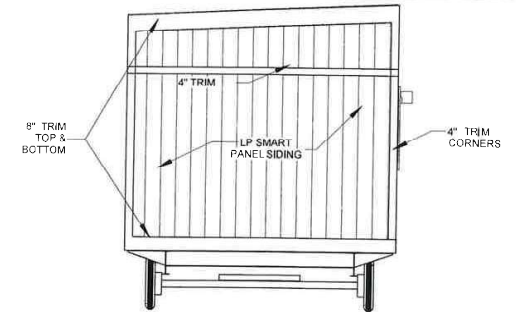
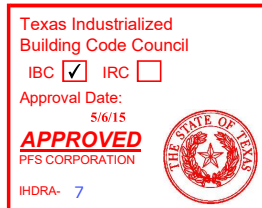
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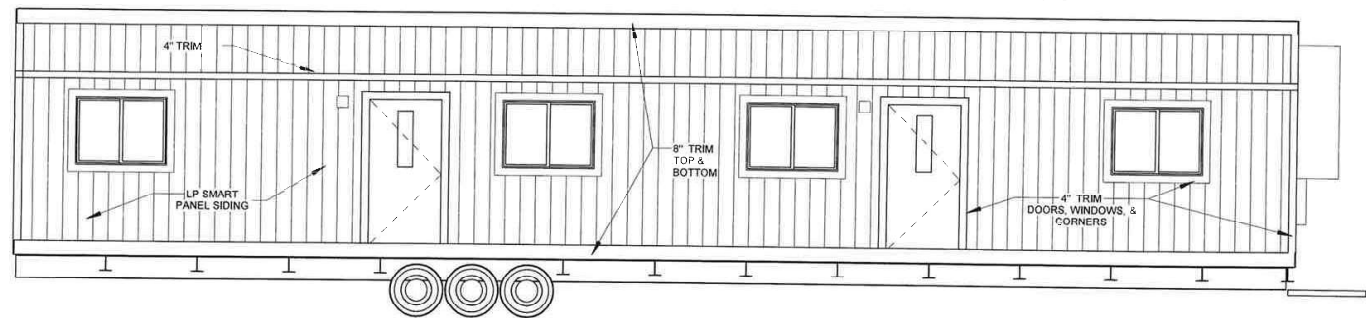
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BUILDING INNOVATION



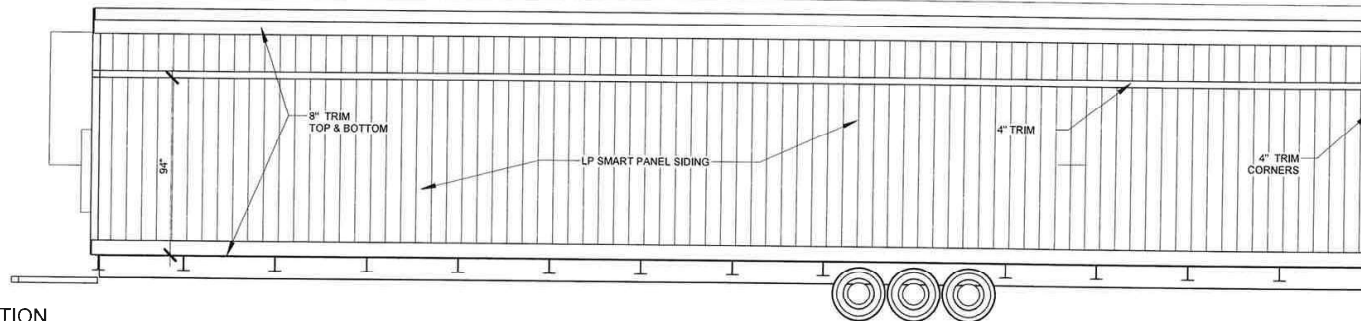
1 WEST ELEVATION
3/16" = 1'-0"



2 EAST ELEVATION
3/16" = 1'-0"



3 NORTH ELEVATION
3/16" = 1'-0"



4 SOUTH ELEVATION
3/16" = 1'-0"

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1501 Freeway Dr., Wesco, TX 75712
Tel: (281) 441-4701

DATE:	13APRIL2015	#	
SCALE:	3/16" = 1'-0"	0	
DRAWN BY:	TNJ		
CHECKER:			
Bid #:	715647-03		

DESCRIPTION	BY	DATE
ISSUE FOR STATE REVIEW	TNJ	13APRIL2015

PROJECT TITLE:	11'-9" X 56' OFFICE - MOBILE MODULAR	
DRAWING TITLE:	PROJECT NO:	SHEET NO:
ELEVATIONS	15249-01	D02

britco
BUILDING INNOVATION

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	QTY.
	20A/125V CLASS 'A' GFCI RECEPTACLE	2
	20A/125V CLASS 'A' WEATHERPROOF GFCI RECEPTACLE	2
	20A/125V DUPLEX RECEPTACLE	12
	15A/125V SINGLE POLE SWITCH	3
	15A/125V SINGLE POLE SWITCH W/ OCCUPANCY SENSOR	2
	2x4 4-LAMP T-8 FLUORESCENT TROFFER LIGHT c/w 32W BULBS - ELECTRONIC BALLAST	5
	GLOBE LIGHT - 100W	1
	LIGHTED EXIT SIGN W/ DUAL HEAD EMERGENCY FLOOD LIGHT COMBO & BATTERY BACKUP	1
	PROGRAMMABLE THERMOSTAT	1
	BLANK JUNCTION BOX	4
	75 CFM FAN LIGHT COMBO W/ 60W BULB	1
	60 WATT JELLY JAR PORCH LIGHT W/ PHOTOCELL	1
	CUTLER HAMMER EXTERIOR MOUNT NEMA3R POWER PANEL - 200A/125 MAIN	1

LP-01 // CALCULATION AMPS					
C K T	Load Name	Qty	AMPS	Phase A	Phase B
1.3	HVAC	1	41.67 A	41.67	41.67
2.4	InstaHot WH	1	14.6 A	14.6	14.6
5	Lighting	8	9.28 A	9.28	-
6	Vanity GFCI	1	1.5 A	-	1.5
7	Open Office 1	2	3.0 A	3.0	-
8	Open Office 2	2	3.0 A	-	3.0
9	Office 1 Recept 1	2	3.0 A	3.0	-
10	Office 1 Recept 2	2	3.0 A	-	3.0
11	Office 2 Recept 1	2	3.0 A	3.0	-
12	Office 2 Recept 2	2	3.0 A	-	3.0
13	GFCI	1	1.5 A	1.5	-
14	WP/GFCI	1	1.5 A	-	1.5
16	Powered JBOX	1	1.5 A	-	1.5

TOTAL CALCULATED AMPS

17.55 69.77

Load Calculations LP-02		
Lighting Load 658 sqft x 3.5	2 303	VA
Recept Load 18 @ 150	2 700	VA
Heating Load 1 @ 5 kw	5 000	VA
DHW Load 1 @ 3.5 kw	3 500	VA
Total	13 503	VA
Minimum Service Size	50.3	Amps

WIRING LEGEND	
/ 4 \	4 AWG THHN WIRE
/ 6 \	6 AWG THHN WIRE
/ 8 \	8 AWG THHN WIRE
/ 10 \	10 AWG THHN WIRE
/ 12 \	12 AWG THHN WIRE

STANDARD OUTLET MOUNTING HEIGHTS HEIGHT IN INCHES TO BOTTOM OF BOX UNLESS OTHERWISE NOTED			
ELECTRICAL BOX TYPE	MOUNTING HEIGHT (AFF)	ELECTRICAL BOX TYPE	MOUNTING HEIGHT (AFF)
RECEPTACLE	16	TELE/ DATA	16
SWITCH	44	WATER HEATER	16
ANTENNA BOX	88	EXTERIOR LIGHT	78
KITCHEN RECEPT.	42	EXTERIOR RECEPT.	16
VANITY GFI	38	THERMOSTAT (CENTERLINE)	60

NOTES:
1. DIMENSIONS ARE APPROXIMATE; LOCATE ALL RECEPTS TO NEAREST STUD
2. ALL TELE/ DATA STUBBED ABOVE T-GRID

Texas Industrialized
Building Code Council

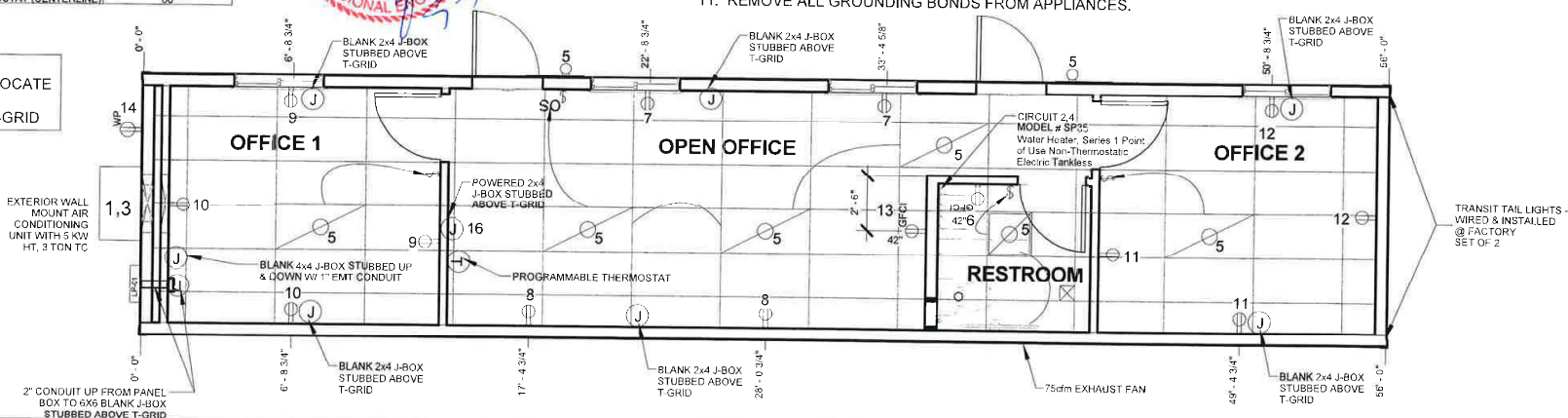
IBC ☒ IRC ☐

Approval Date:

5/6/15

APPROVED
PFS CORPORATION

HDRA- 7



LP-01

Cutler Hammer 200A, 120/240V, 1 DIA, 3w, 60Hz panelboard c/w 2p 125 main NEMA3r

Wire	Circuit	Load Name	<Rating> <Num...	<Rating>/<Number of Poles>/	Load Name	Circuit	Wire
/ 6 \	1	HVAC	60 A/2/	20 A/2/	InstaHot WH	2	/ 12 \
/ 6 \	3	--	--	--	--	4	/ 12 \
/ 12 \	5	Lighting	20 A/1/	20 A/1/	Vanity GFCI	6	/ 12 \
/ 12 \	7	Open Office 1	20 A/1/	20 A/1/	Open Office 2	8	/ 12 \
/ 12 \	9	Office 1 Recept 1	20 A/1/	20 A/1/	Office 1 Recept 2	10	/ 12 \
/ 12 \	11	Office 2 Recept 1	20 A/1/	20 A/1/	Office 2 Recept 2	12	/ 12 \
/ 12 \	13	GFCI	20 A/1/	20 A/1/	WP/GFCI	14	/ 12 \
/ 12 \	15	--	--	--	Powered JBOX	16	/ 12 \
	17	--	--	--	--	18	--

NOTES:

1. WIRING METHOD TO BE MC CABLE, COPPER, HOME RUN TO BE EMT CONDUIT W/ COPPER WIRE, MINIMUM # 12AWG
2. BLANK SPACES IN PANEL MAY BE OMITTED TO MAKE US OF SMALLER PANELS, BREAKER SIZE AND QUANTITY SHALL REMAIN THE SAME.
3. ALL ELECTRICAL CONNECTIONS TO BE MOUNTED 14" AFF UNLESS OTHERWISE SPECIFIED. ALL HEIGHTS ARE MEASURED TO THE BOTTOM OF BOX.
4. TELE/ DATA OUTLETS ARE TO HAVE A 3/4" FLEXIBLE CONDUIT STUBBED UP INTO THE CEILING SPACE UNLESS NOTED.
5. ALL CONDUIT TO CONTAIN AN INSULATED GROUND CONDUCTOR SIZED AS REQUIRED BY 2011 N.E.C., MINIMUM # 14 AWG.
6. ELECTRICAL INSTALLATION SHALL BE IN COMPLIANCE WITH 2011 N.E.C.
7. ALL WIRING IN RETURN AIR PLENUMS SHALL MEET RATING REQUIREMENTS OF 2011 N.E.C.
8. MOUNTING HEIGHTS FOR ALL WALL MOUNTED DEVICES SHALL BE FROM FLOOR TO BOTTOM OF DEVICE BOX
9. ALL 125 VOLT, 15&20 AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES (2011 N.E.C., ART. 406-11)
10. ALL CIRCUITS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER (COMB. TYPE)
11. REMOVE ALL GROUNDING BONDS FROM APPLIANCES.

1 E01 ELECTRICAL PAGE
3/16" = 1'-0"

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Tel: (254) 741-4701

DATE:	13APRIL2015	#	DESCRIPTION	BY	DATE
SCALE:	As indicated	0	ISSUE FOR STATE REVIEW	TNJ	13APRIL2015
DRAWN BY:	TNJ				
CHECKER:					
Bid #	715647-03				

PROJECT TITLE:
11'-9" X 56' OFFICE - MOBILE MODULAR

DRAWING TITLE:
ELECTRICAL PAGE

PROJECT NO:

15249-01

SHEET NO:

E01

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BUILDING INNOVATION

Texas Industrialized
Building Code Council

IBC ☒ IRC ☐

Approval Date:
5/6/15

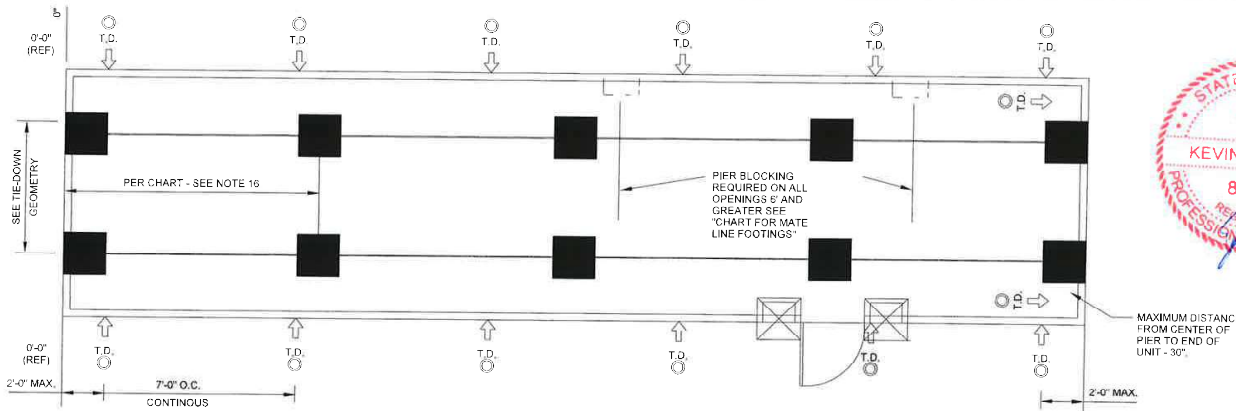
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IHDRA- 7

The seal of the State of Texas is a circular emblem. It features a five-pointed star in the center, surrounded by a wreath. The words "THE STATE OF TEXAS" are inscribed around the perimeter of the seal.

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	SCALE:	3/32" = 1'-0"	0	ISSUE FOR STATE REVIEW	TNJ	13APRIL2015			
	DRAWN BY:	TNJ	1	Revision 1		Date 1			
	CHECKER:								
	Ref #	715647-C3							
1101 Foundation Ct., Waco, TX 76712 TEL (254) 761-6121							DRAWING TITLE: FASTENING SCHEDULE	PROJECT NO: 15249-01	SHEET NO: F01

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UNIT WIDTH
THIS CHART BASED ON I-BEAM CAPACITY ONLY

I-BEAM SIZE	8'	10' - 12'	12' - 14'
8"	8'-0" O.C.	8'-0" O.C.	8'-0" O.C.
10"	10'-0" O.C.	10'-0" O.C.	10'-0" O.C.
12"	12'-0" O.C.	12'-0" O.C.	12'-0" O.C.

BLOCKING DISTANCE

FOOTING SIZE - SQ. FOOTING ASSUMED - EACH LEG IS CALCULATED

UNIT WIDTH - 11'-9"

PIER SPACING (FT)	1000 PSF	2000 PSF	3000 PSF
5	1.787 FT	1.284 FT	1.032 FT
6	1.942 FT	1.373 FT	1.121 FT
7	2.086 FT	1.475 FT	1.204 FT
8	2.220 FT	1.570 FT	1.282 FT
9	2.347 FT	1.660 FT	1.355 FT
10	2.467 FT	1.745 FT	1.424 FT
11	2.582 FT	1.826 FT	1.491 FT
12	2.692 FT	1.903 FT	1.554 FT

FOOTING SIZE - SQ. FOOTING ASSUMED - EACH LEG IS CALCULATED

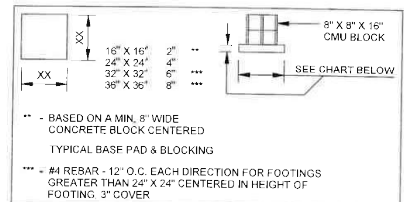
UNIT WIDTH - 13'-9"

PIER SPACING (FT)	1000 PSF	2000 PSF	3000 PSF
5	1.909 FT	1.350 FT	1.102 FT
6	2.077 FT	1.468 FT	1.193 FT
7	2.232 FT	1.578 FT	1.289 FT
8	2.377 FT	1.681 FT	1.372 FT
9	2.514 FT	1.777 FT	1.451 FT
10	2.643 FT	1.869 FT	1.526 FT
11	2.767 FT	1.957 FT	1.598 FT
12	2.885 FT	2.040 FT	1.666 FT

FOOTING SIZE - SQ. FOOTING ASSUMED - EACH LEG IS CALCULATED

UNIT WIDTH - 15'-9"

PIER SPACING (FT)	1000 PSF	2000 PSF	3000 PSF
5	2.023 FT	1.431 FT	1.169 FT
6	2.203 FT	1.558 FT	1.272 FT
7	2.369 FT	1.675 FT	1.368 FT
8	2.524 FT	1.785 FT	1.457 FT
9	2.670 FT	1.888 FT	1.541 FT
10	2.808 FT	1.986 FT	1.621 FT
11	2.940 FT	2.079 FT	1.698 FT
12	3.067 FT	2.169 FT	1.771 FT

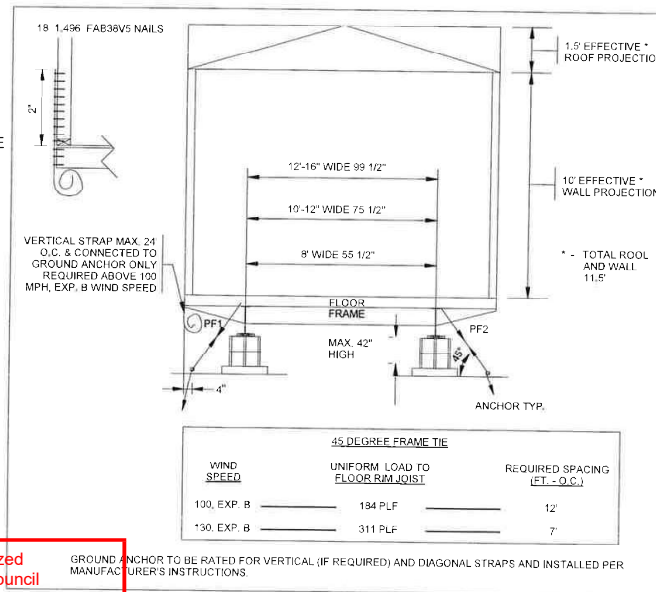


- NOTES:
1. RECOMMENDED SUPPORT SPACING SHOWN
 2. THIS FOUNDATION DESIGN IS BASED ON SOIL BEARING CAPACITY PER CHART
 3. SOIL CAPACITY BASED ON A PLASTICITY INDEX OF 20. NO CONSIDERATION HAS BEEN GIVEN TO GROUNDWATER OR OTHER CONDITIONS THAT MAY AFFECT FOUNDATION STABILITY OR DIFFERENTIAL MOVEMENT. IT IS RECOMMENDED THAT A REGISTERED PROFESSIONAL ENGINEER BE CONSULTED FOR THE SPECIFIC SITE CONDITIONS
 4. CORROSION PROTECTION WILL BE IN ACCORDANCE WITH CODE
 5. THIS IS A TEMPORARY FOUNDATION ONLY
 6. N/A
 7. PAD REINFORCING CALCULATIONS TO BE BY REGISTERED ENGINEER
 8. BLOCKING TO BE PLACED AS PER CHART
 9. TIEDOWN STRAP & DBL. STRAP ANCHOR TO BE WITHIN 2'-0" FROM END OF UNIT
 10. TIEDOWN STRAP & DBL. STRAP ANCHOR SPACING TO BE NO MORE THAN 12'-0" APART
 11. TIEDOWN STRAP & DBL. STRAP ANCHOR SPACING TO BE ON EXTERIOR SIDE ONLY IF BUILDING IS A MULTIPLE UNIT COMPLEX UNLESS OTHERWISE NOTED.
 12. N/A
 13. DOUBLE TIEDOWN STRAPPING IS REQUIRED ONLY FOR 12' O.C. STRAP SPACING FOR LOCATIONS IN 130 MPH. EXP. B ZONE. OTHERWISE SINGLE STRAP IS ADEQUATE.
 14. PIER DEAD LOAD ASSUMED TO BE 300 LBS
 15. RECOMMENDED BLOCKING FOR EXTERIOR DOOR - MIN FTG - 16" X 16" - PER FLOOR PLAN AND ALL OPENINGS GREATER THAN 4'
 16. FOOTING SIZE TO BE DETERMINED BASED ON UNIT WIDTH, SOIL BEARING CAPACITY, AND PIER SPACING. PIER SPACING NOT TO EXCEED I-BEAM SIZE CHART.

- INDICATES I-BEAM MAXIMUM BLOCKING DISTANCE AS PER CHART

- DENOTES TIEDOWN STRAP LOCATION ON UNIT

- DENOTES STRAP ANCHOR RATED 3150 LBS FOR COMBINED ANGLES OF STRAPS



Texas Industrialized Building Code Council

JRC ☒ JRC ☐

Approval Date: 5/15/15

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DATE: 13APRIL2015
SCALE: 3/16" = 1'-0"
DRAWN BY: TNJ
CHECKER:
Bid #: 715647-03

DESCRIPTION: 11'-9" X 56' OFFICE - MOBILE MODULAR

BY: TNJ

DATE: 12/2/15

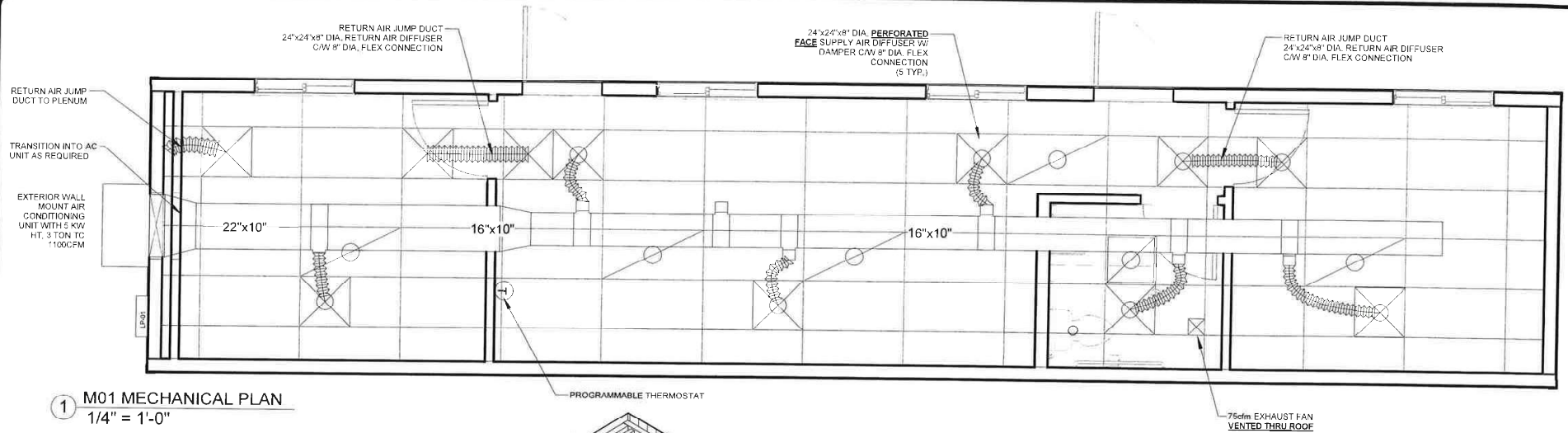
PROJECT TITLE: 11'-9" X 56' OFFICE - MOBILE MODULAR

DRAWING TITLE: FOUNDATION PLAN

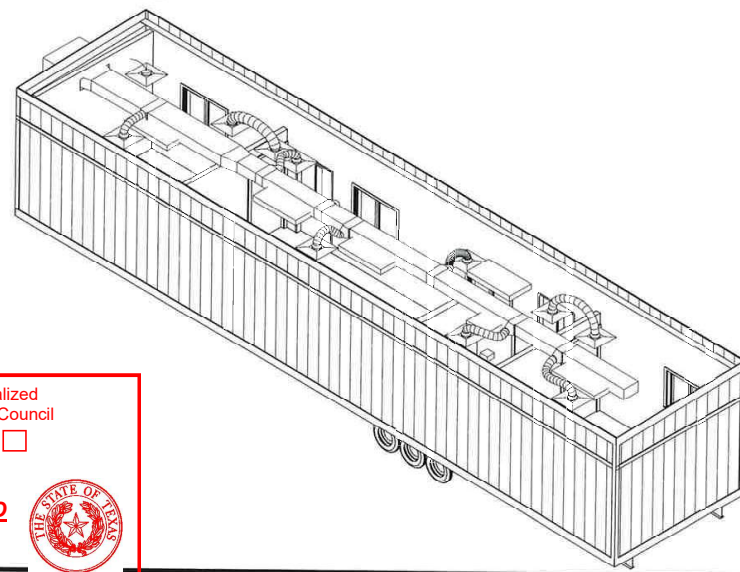
PROJECT NO: 15249-01

SHEET NO: F02

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1 M01 MECHANICAL PLAN
1/4" = 1'-0"



OUTDOOR AIRFLOW RATE
PER 403.3.1.1 OF 2009 IMC
 $V_{bz} = R_p(P_z) + R_a A_z$
 $V_{bz} = 5(6) + .06(658)$
 $V_b = 69.48$



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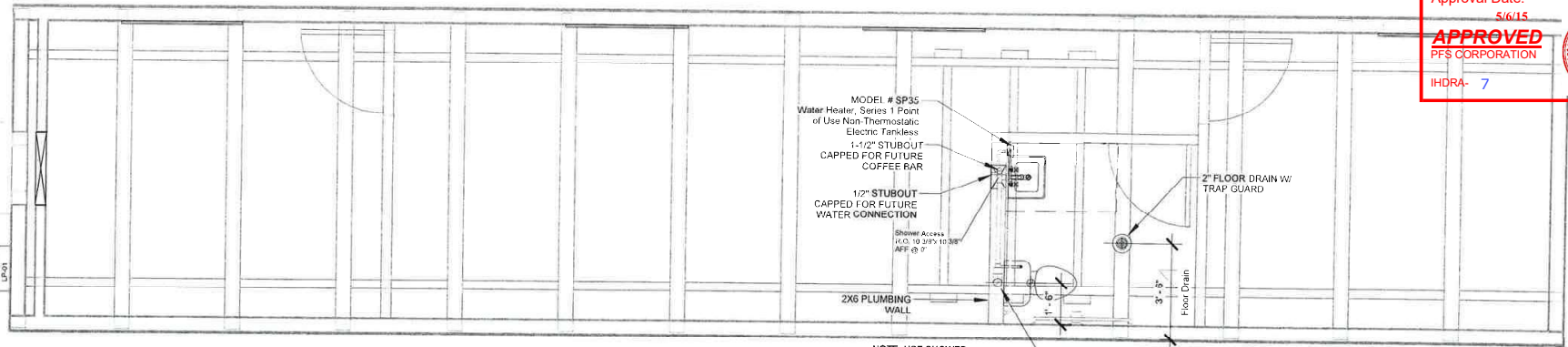


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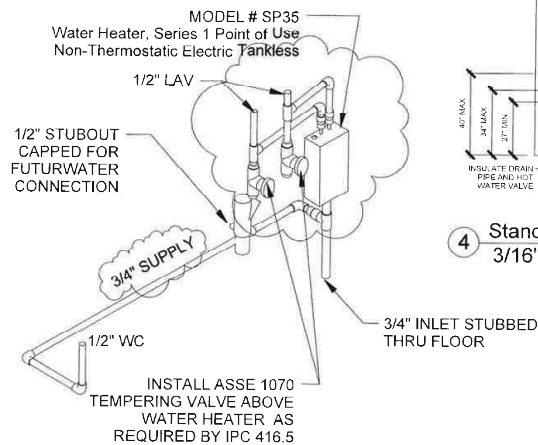
1001 Foundation Dr., Waco, TX 76712
Tel: (512) 741-5201

DATE:	13APRIL2015	#	DESCRIPTION	BY	DATE	PROJECT TITLE:
SCALE:	1/4" = 1'-0"	0	ISSUE FOR STATE REVIEW	TNJ	13APRIL2015	11'-9" X 56' OFFICE - MOBILE MODULAR
DRAWN BY:	TNJ					DRAWING TITLE:
CHECKER:						MECHANICAL PLAN
Bid #:	715647-03					PROJECT NO:
						15249-01
						SHEET NO:
						M01

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1 PLUMBING PLAN
1/4" = 1'-0"

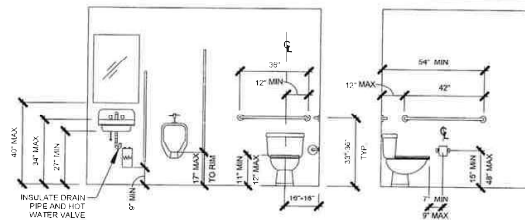


NOTE: WATER LINES TO
BE TYPE 'L' COPPER

2 Plumbing-Water Line

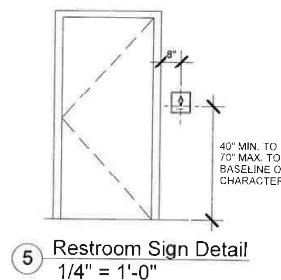
WATER PIPING SCHEMATIC
- HOT & COLD WATER LINES ARE TO BE PEX
- ALL PLUMBING LINES TO BE CONCEALED WHERE POSSIBLE
- WATER SUPPLY SHALL BE INSULATED OR OTHERWISE CONFIGURED
TO PROTECT AGAINST CONTACT
- LAVATORY CONTROLS TO COMPLY WITH
2012 TAS SECTION 909.4 LEVER ONLY

4 Standard Fixture & Grab Bar Details
3/16" = 1'-0"



DETAIL LEGEND

- HANDICAP HEIGHT, TANK TYPE TOILET
- WALL HUNG LAVATORY W/ 4\"/>

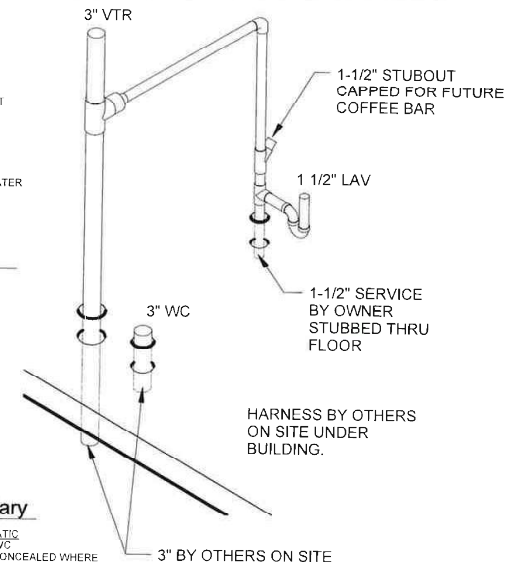


5 Restroom Sign Detail
1/4" = 1'-0"



3 Plumbing-Sanitary

DRAINAGE PIPING SCHEMATIC
- DRAIN LINES EXPOSED PVC
- ALL DRAIN LINES TO BE CONCEALED WHERE
POSSIBLE AND DROPPED TO BELOW FLOOR
- DRAIN PIPES SHALL BE INSULATED OR
OTHERWISE CONFIGURED TO PROTECT
AGAINST CONTACT



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DRAWN BY:	TNJ	1	Revision 1		Date 1
CHECKER:					
Rev #	7/15/07-03				

PROJECT TITLE
11'-9" X 56' OFFICE - MOBILE MODULAR

DRAWING TITLE:
PLUMBING PLAN

PROJECT NO:
15249-01

SHEET NO:
M02

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