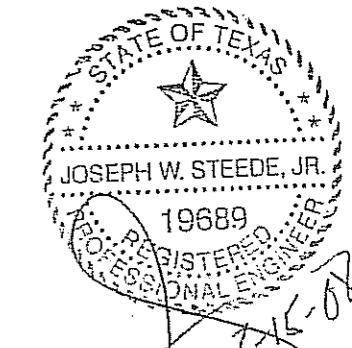


DESIGN CRITERIA:			
PROJECT NAME	NORTEX STANDARD 1460 HD		
BUILDING SQUARE FOOTAGE	825 SF		
2002 NEC			
2003 IBC			
2003 (MC)			
2003 IPC			
2003 IECC			
1994 TAS			
USE GROUP:	B		
CONSTRUCTION TYPE:	IBC: V-B		
OCCUPANT LOAD:	5		
PERMISSIBLE GAS TYPE:	<input type="checkbox"/> LP	<input type="checkbox"/> NATURAL	<input checked="" type="checkbox"/> N/A
DESIGN LOADS:			
ROOF LIVE LOAD:	30 PFS		
FLOOR LIVE LOAD:	100 PFS SEE S-101		
CONC. FLOOR LIVE LOAD:	2000 LBS		
WIND LOAD:	(130 MPH 3-SEC GUST)		
EXPOSURE	B		
SEISMIC DESIGN CATEGORY:	B		
SPECIAL CONDITIONS AND/OR LIMITATIONS:			
1. HANDICAP ACCESS TO BE PROVIDED PER 1994 TAS AS REQUIRED BY OTHERS. 2. BUILDINGS TO BE LOCATED PER TABLE 602 OF THE 2003 IBC. 3. ANY REQUIRED ALARM SYSTEM WILL BE INSTALLED ON SITE BY OTHERS. 4. WATER FOUNTAIN SHALL BE FURNISHED BY OTHERS PER IPC-2003 TABLE 103.1. 5. RAFTER SPACE VENTILATION TO BE IN ACCORDANCE WITH REQUIREMENTS OF THE LOCAL BUILDING OFFICIAL.			
FOUNDATION NOTES:			
1. TIE DOWN ANCHORING SEE SHEET S-101 2. CRAWL SPACE VENTILATION PROVIDED BY SITE INSTALLER PER 1203.3.1 OF 2003 IBC			
SCOPE OF WORK:			
<b>NOT INCLUDED IN SCOPE OF WORK</b> 1. UTILITIES AND UTILITY CONNECTIONS 2. POURED CONCRETE (DRIVEWAY, SIDEWALK, SLABS, FOOTINGS, ETC.) 3. SITE PREPARATION 4. TAX OF ANY KIND 5. BUILDING PERMITS <b>SITE WORK</b> 1. NO PROVISION FOR SITE WORK HAS BEEN INCLUDED. IT IS PRESUMED THE SITE WILL PROVIDE CLEAR ACCESS FOR TRUCKS AND MODULARS. ADEQUATE DRAINAGE TO BE PROVIDED. 2. ALL ELECTRICAL, PLUMBING, SEWER, & GAS SERVICE CONNECTIONS AND ALL CONCRETE WORK ON SITE, TO INCLUDE POURED FOOTINGS, SLABS, FOUNDATIONS, SIDEWALKS, DRIVEWAYS OF WHATEVER KIND ARE THE RESPONSIBILITY OF OTHERS.			
IDENTIFICATION			
STATE DECAL: TELR DECAL AND MANUFACTURERS DATA PLATE ON ELECTRICAL PANEL. DECAL: NORTEX PLACED ON FRONT LEFT OF BUILDING			
FRAME / CHASSIS:			
OUTRIGGERS:	48" O.C.		
CROSSMEMBERS:	48" O.C.		
BEAM:	12" JR I-BEAM		
HITCH:	DETACHABLE HITCH		
AXLES:	(5) WIBRAKES ON TWO AXLES, DRAG ON TWO.		
TIRES:	L (12-FLY)		
FRAME:	HEAVY		
FLOOR:			
BOTTOM BOARD:	ROLL, POLYETHYLENE FIBER MESH		
INSULATION:	R-22 FACED		
JOIST:	2X8 #2SYT OR BETTER AT 16" O.C.		
SIDEBOARD JOIST (R.F.):	2X8 #2SYT OR BETTER		
DECKING:	3/4" T&G OSB		
UNDERLAYMENT:	1/4" CEMENTOUS BOARD		
COVERING:	1/8" TILE WHITE #51899; OFFICES 260Z CARPET=SANDBERG		
BASE COVE:	4" RUBBER COLOR=GREY		
EXTERIOR WALLS:			
SIDEWALL HEIGHT:	10'-1 1/8"		
STUDS:	2X4 #2SYT 12" O.C.		
BOTTOM PLATE:	SINGLE 2X4 #2SYT		
TOP PLATES:	DOUBLE 2X4 #2SYT		
HEADERS:	DOUBLE 2X6 W/ 7/16" FILLER		
JACK STUDS:	SINGLE EACH SEE 2X4 #2SYT		
FIRE BLOCKING:	2X4 ON EDGE AT THE CEILING LINE		
INSULATION:	R-15 FACED		
SEATHING:	NONE		
SIDING:	3/8" SMART PANEL COLOR: SEE SHEET A-201		
TRIM:	1X4 SMART PANEL COLOR: SEE SHEET A-201		
SKIRTING:	SHIP LOOSE (9) 4X12 SHTS SMART PHL PAINTED TO MATCH BODY F ORDERED IF SKIRTING IS ORDERED, 12'X12" VBUTS TO BE SHIPPED WITH MATERIAL.		
INTERIOR WALLS:			
WALL HEIGHT:	FULL HEIGHT AT OFFICES		
STUDS:	2X4 #2SYT 16" O.C.		
BOTTOM PLATE:	SINGLE 2X4 #3SPF OR BETTER		
TOP PLATES:	DOUBLE 2X4 #3SPF OR BETTER		
FIRE BLOCKS:	2X4 ON EDGE AT CEILING LINE		
COVERING:	5/8" FIRE-X VOC COLOR: HAMPTON GRAY		
TRIM:	STANDARD VCG BATTENS		
FRP:	4' WAINSOTAT RESTROOM		
INSULATION:	R-15 UNFACED OR FACED THROUGHOUT.		
WINDOWS:			
SIZE/TYPE:	(9) 24"X52" V.S. BRONZE FRAME/CLEAR LOW E GLASS		
BRAND:	HR MIN. ENERGY VALUES: U-FACTOR=.51 SHGC=.34		
COVERING:	(9) ALUMINUM MINI-BLINDS COLOR: GRAY		
MISC:	NA		
DOORS:			
EXTERIOR:	(2) 36"X80" 10GA STEEL W/ 5"X20" PENCIL WINDOW (TEMP) ✓		
EXTERIOR HARDWARE:	(2) DEADBOLT (SCHLAGE) B560 BD x 2GD WIC CONSTR. CORE		
	(9) 9305BC x AL NORTON CLOSER		
	(2) HOLLOW METAL FRAME		
	(4) FULL PLATES ROCKWOOD #107 x 70C X US20		
	(2) PBICO THRESHOLD 170A-36		
	(2) PBICO SWEEP 315CN-36		
	(2) SET PBICO WEATHERSTRIP 303AV-3070		
INTERIOR:	(3) 36"X80" MOHAWK SOLID CORE DOORS 1P/1L W/ 5X20 PENCIL WINDOW ✓		
	(3) 3600 REDFRAMES 478 BROWN 20GA		
	(1) 2468 REDFRAME 478 BROWN 20GA		
INTERIOR HARDWARE:	(1) HEAVY DUTY PRIVACY Hinges x RHODES x 26D (SCHLAGE) RESTROOM		
	(2) HEAVY DUTY ENTRY Hinges x RHODES x 26D (SCHLAGE) OFFICES W/ IC CONSTRUCTION CORE		
FLOOR:			
RAFTER:	2X8 #2SYT 16" O.C.		
R.F.:	SINGLE 16" x 1-3/4" LVL 1.9E MIN. TAPER FROM 14 3/4" TO 7 1/4"		
SHEATHING:	7/16" MULE-HIDE PR DECK PANEL C		
COVERING:	COLOR: WHITE STANDARD .045 MULE-HIDE EBM ADHERED WITH MULE-HIDE ACRYLIC WATER BASED BONDING ADHESIVE		
BOTTOM RAFTER SHEATHING:	NONE WIRE MESH		
ROOF PITCH:	25/12 TRANSVERSE		
CEILING:	8'-0" HEIGHT, 2X4 LAY-IN PANELS		
INSULATION:	(2) LAYERS R-15		
PLenum:	NONE		
VENTS:	RAFTER SPACE TO BE IN ACCORDANCE WITH REQUIREMENTS OF LOCAL BUILDING OFFICIAL.		
ROOF:			
Rafter:	2X8 #2SYT 16" O.C.		
R.F.:	SINGLE 16" x 1-3/4" LVL 1.9E MIN. TAPER FROM 14 3/4" TO 7 1/4"		
SHEATHING:	7/16" MULE-HIDE PR DECK PANEL C		
COVERING:	COLOR: WHITE STANDARD .045 MULE-HIDE EBM ADHERED WITH MULE-HIDE ACRYLIC WATER BASED BONDING ADHESIVE		
BOTTOM RAFTER SHEATHING:	NONE WIRE MESH		
ROOF PITCH:	25/12 TRANSVERSE		
CEILING:	8'-0" HEIGHT, 2X4 LAY-IN PANELS		
INSULATION:	(2) LAYERS R-15		
PLenum:	NONE		
VENTS:	RAFTER SPACE TO BE IN ACCORDANCE WITH REQUIREMENTS OF LOCAL BUILDING OFFICIAL.		
TELECOM:			
 J BOXES IN WALL STUCCO ABOVE CEILING JOSEPH W. STEEDE, JR. 19689 REGISTERED PROFESSIONAL ENGINEER C.R. 1600			
ELECTRICAL:			
SERVICE:	120/240V SINGLE PHASE		
LOAD CENTER:	(1) 125 AMP, INT MOUNT LOAD CNT. W/ #6 BARE GROUND		
ENTRANCE:	2" NIPPLE DOWN, METAL MC W/ #12 (#6 AT HVAC)		
WRING:	(11) 40" T-8 (3) TUBE 32 WATT FLOOR FIXTURES (92 FIXTURE WATTS)		
LIGHTS:	(1) PHOTO CELL EXTERIOR 13 WATT @ 860 LUMENS = 66 LUMEN PER WATT		
(1) 24" T-8 U SHAPE (1) 32 WATT FLUORESCENT - (38 FIXTURE WATTS)			
FANS:	(1) 90 CFM EXHAUST IN BATHROOM VENT THRU ROOF HUTCH 67 IR		
SURGE PROTECT:	SURGE SUPPRESSION AT BREAKER BOX		
EXIT/EMERG. LIGHT:	(1) EXIT/EMERGENCY LIGHT BATTERY BACK UP.		
RECEPTS:	(16) STD. 120V DUPLEX RECEPT.		
	(1) GFCI 120V STD. DUPLEX RECEPTACLES		
	(1) W.P. EXT. GFCI 120V RECEPTACLE		
SWITCHES:	4 SINGLE POLE 102V		
J-BOXES:	ALL PLATES TO BE IVORY		
ALARM:	NA		
MISC:	GROUNDING ON SITE TO BE PER NEC 2002, 250-86		
TRANSPORTATION:			
7/16	ROOF DECK	0.041667	
2X6	ROOF RAFTER	0.041667	
7 1/2"	LVL BM PITCH/RISE	0.625	
10'-1 1/8"	TALLEST WALL	10.1	
1/4"	FLOOR COVER	0.020033	
3/4"	FLOOR DECK	0.0625	
2X6	FLOOR JOIST	0.041667	
2'-0"	TO ROAD APPROX	2.025	
14,000.00 FT			
TOTAL 14'-0" APPROX.			
WEIGHT APPROX. 20625 LBS			
ENERGY CODE COMPLIANCE			
NOTE: ALL NAILING PATTERNS SHOWN ON SF PAGES SHALL OVERRIDE DESIGN MANUAL.			
ENERGY CODE COMPLIANCE			
CHECKED CERTIFICATES TO BE USED AS CHECKLIST.			
3 TUBE LIGHT FIXTURES 92 FIXTURE WATTS			
2X2" U TUBE FIXTURE IS 30 FIXTURE WATTS			
EXTERIOR LIGHT IS 12 WATT @ 860 LUMENS = 66 LUMEN PER WATT.			
WINDOWS ARE U=.51 AND SHGC=.34 OR BETTER			
DOOR U VALUE IS DEFAULT .7			
PLUMBING:			
WATER SUPPLY:	TYPE "L" COPPER		
WASTE:	PVC SCHEDULE 40		
WATER HEATER:	(1) E-MAX SP55 SUPPLY TO BOTH SINKS W/ SET OF 105-110F DEGREE		
WATER CLOSET:	(1) HANDICAP FLUSH VALVE ELONGATED 1-HANDLE		
LAVERTORY:	HANDICAP WALL HUNG, COVER UNDERNEATH HANDLES		
BAR SINK:	(1) STAINLESS STEEL COUNTER LAV. DUAL LEVER FAUCET.		
ACCESSORIES:	36" AND 42" GRAB BARS, TOILET PAPER HOLDER.		
NOTE:	ALL FIXTURE MOUNTING PER TAS 1994		
HVAC:			
HVAC:	(1) 3 TON WITH 10KW HEAT STRIP W/ 60AMP OUTSIDE DISCONNECT.		
BRAND:	BARD COLOR: TAN		
EFFICIENCY:	SEER 10.0, EER 9.2 > MINIMUM SEER 9.7 PER 2003 IECC TABLE B03.2.2(1)		
THERMOSTAT:	(1) PROGRAMMABLE		
DUCTS:	DUCT BOARD MAIN, FLEX TO GRILLS IN UNCOND. SPACE R-5 MIN. VALUE		
SUPPLY REGISTERS:	24X24 W/ ADJUSTABLE DIFFUSERS		
RETURN REGISTERS:	24X24 DUCT RETURN TO PLenum WALL		
MSC:	FRESH AIR MAKEUP IS PROVIDED BY DAMPER IN HVAC.		
DISCONNECT:	EXTERIOR 60AMP WITHIN 6' OF GROUND		
BALANCE:	SYSTEM TO BE BALANCED IN THE FIELD BY OTHERS		
TEXAS INDUSTRIALIZED BUILDING CODE COMPLIANCE			
This document is approved pursuant to the Texas Industrialized Housing Act.			
FURNITURE OR MISCELLANEOUS:			
5 LB FIRE EXTINGUISHER IN CABINET 5'-6" UPPER AND LOWER CABINETS		DRA No. 7 IBC /IRC Date MAR 07 2008 DRA Signature Rich M. French	
 TEXAS INDUSTRIALIZED BUILDING CODE COMPLIANCE This document is approved pursuant to the Texas Industrialized Housing Act.			
DRAWING INDEX:			
G-001	= COVER		
A-101	= FLOOR PLAN		
A-201	= EXTERIOR ELEVATIONS		
A-202	= INTERIOR ELEVATIONS		
A-301	= SECTIONS		
A-601	= ADA(TAS)		
E-101	= ELECTRICAL PLAN		
I-101	= MECHANICAL(HVAC) PLAN		
P-101	= PLUMBING PLAN		
SF-101	= FLOOR FRAMING PLAN		
SF-102	= FLOOR DECKING/WALL LAYOUT PLAN		
SF-103	= ROOF FRAMING PLAN		
S-101	= FOUNDATION PLAN		
JOE STEEDE, P.E.			
13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE 972-238-1611			
NORTEX MODULAR SPACE			
555 JUBILEE LANE LEWISVILLE, TX 75056 PHONE: 972-492-4040 FAX: 972-492-3701			

AREA SCHEDULE							
DESIGNATION	DESCRIPTION	FLOOR AREA	CUBIC AREA	FLOOR	WALL	CEILING	BASE
100	OFFICE	121	1051	CARPET	8' VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
101	BATHROOM	42	364	TILE	FRP OVER 8' GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
102	WORK AREAS AND SINK AREA	449	3891	TILE	8' VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
103	OFFICE	121	1051	CARPET	8' VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
104	TELECOM	5	43	TILE	8' VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE

WINDOW SCHEDULE			
DESIGNATION	DESCRIPTION	RD	QTY
W1	2044 ALUMINUM BRONZE FRAME, DOUBLE INSULATED LOW E GLASS W/ ALUMINUM MINI BLINDS	24 1/2" X 52 1/2"	9

COMCHECK AREA

(1) SIDEWALL = 60' X 10'-1 1/8" = 618SF + PEAK AREA OF 18SF = 636SF

(1) ENDWALL = 13'-9" X 10'-0 3/4" = 137.9SF

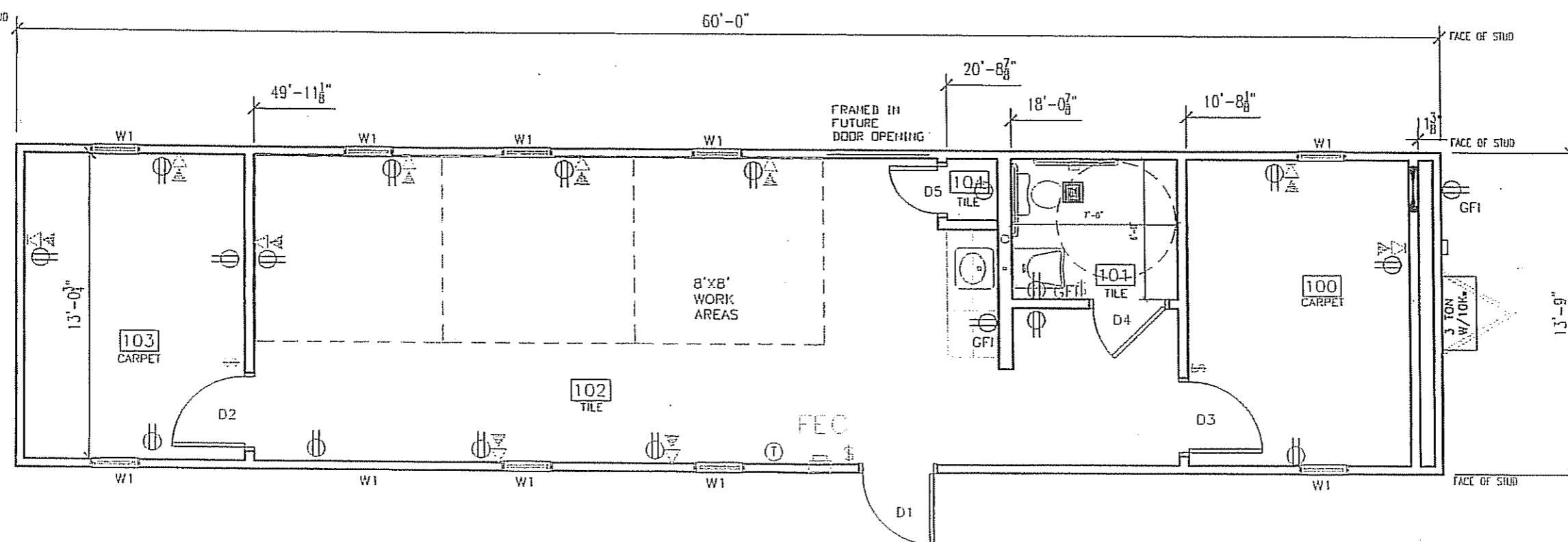
SIDEWALL X 2 = 1272SF + ENDWALL X 2 = 275.8 FOR A TOTAL OF 1547.8

DOOR SCHEDULE					
DESIGNATION	SIZE	DOOR MATERIAL	FRAME	RD	QTY
D1	3068L	STEEL W/ PENCIL VISION	STEEL	40 1/2" X 82 1/2"	1
D2	3068L	MOHAWK SOLID CORE W/ VISION GLASS	REDIFRAME	37" X 81"	1
D3	3068R	MOHAWK SOLID CORE W/ VISION GLASS	REDIFRAME	37" X 81"	1
D4	3068L	MOHAWK SOLID CORE	REDIFRAME	37" X 81"	1
D5	2068R	MOHAWK SOLID CORE	REDIFRAME	25" X 81"	1

Texas Industrialized Building Code Council  
IBC - 2006

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IHDR-A7



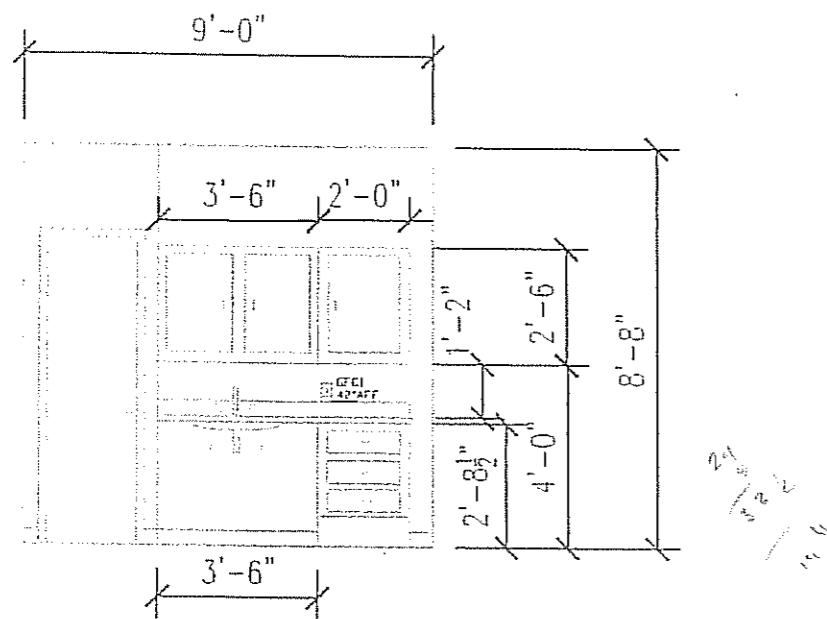
FLOOR PLAN

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NORTEX MODULAR SPACE

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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	
1				REW	NORTEX MODULAR SPACE	STOCK 1460 FLOOR PLAN-"HD" SERIES	
2				DATE: 02/5/08	SCALE: 3/16" = 1'-0"	DWC# 1460HD	SHEET: A-101

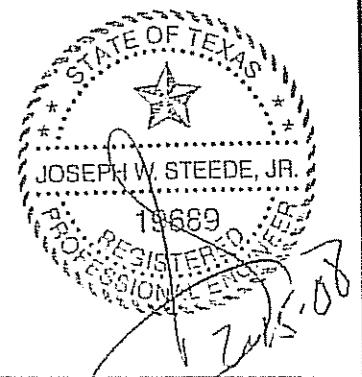


CABINET WALL ELEVATION  
SCALE: 1" = 1'-0"

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Building Code Council  
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PFS Corp  
IHRA 7

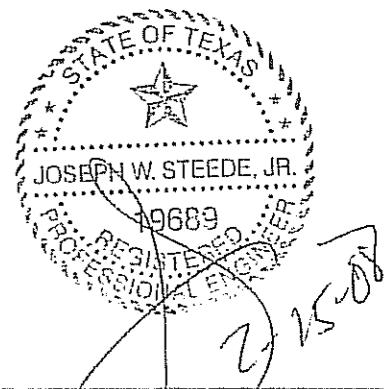
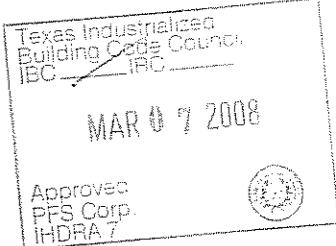
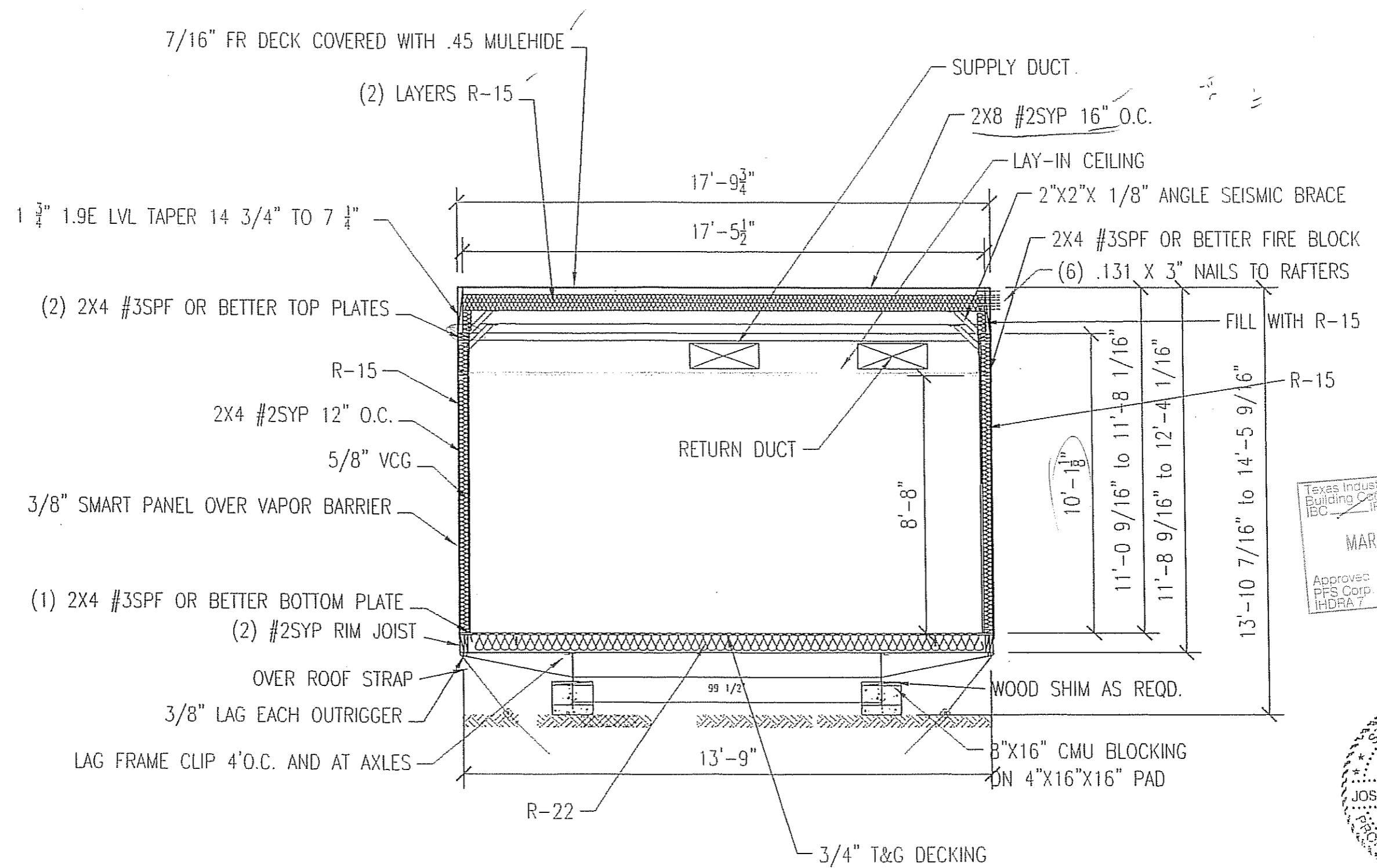


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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	
				REW	NORTEX MODULAR SPACE	STOCK 1460 ELEVATIONS—"HO" SERIES	
				DATE: 02/5/08	SCALE: AS NOTED	DWG#: 1460HD	SHEET: A-202

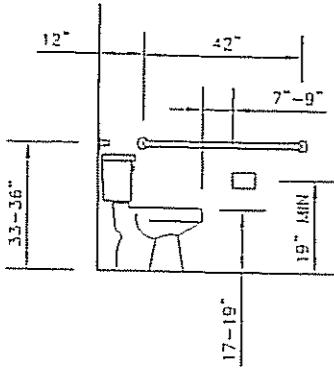


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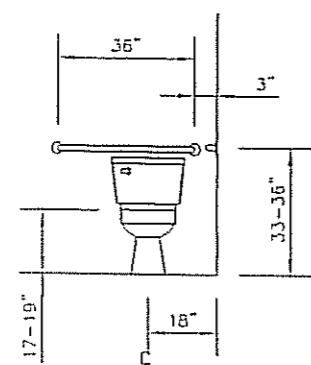
NORTEX MODULAR SPACE  
555 JUBILEE LAKE  
LEWISVILLE, TX 75056  
PHONE: 972-492-4040  
FAX: 972-492-2704

LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:		
				REW	NORTEX MODULAR SPACE	STOCK 1460 SECTION- "HD" SERIES		
				DATE: 02/5/08	SCALE: NTS	DWG#: 1460HD	SHEET: A-301	

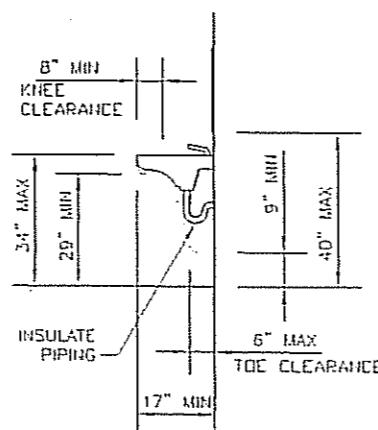
# ADA DETAILS



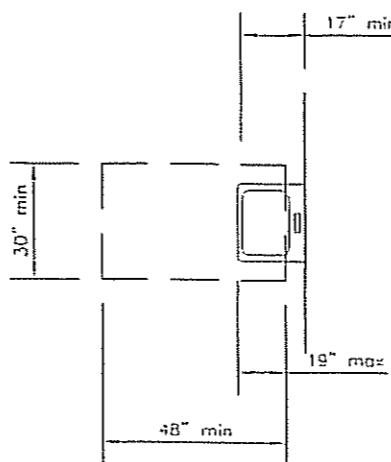
WATER CLOSET  
SIDE VIEW



WATER CLOSET  
FRONT VIEW



LAV CLEARANCES

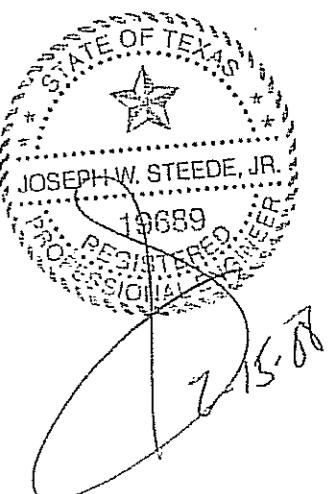


CLEAR FLOOR SPACE  
AT LAVATORIES

Texas Industrialized  
Building Code Council  
IBC  
IRC

MAR 07 2008

Approved  
PFS Corp.  
IHDR A7



JOE STEEDE, P.E.  
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DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	DWC#	SHEET:	NORTEX MODULAR SPACE
				REW	NORTEX MODULAR SPACE	STOCK 1460 ADA-HD" SERIES			
				DATE: 02/5/08	SCALE: N/A		1460HD	A-601	

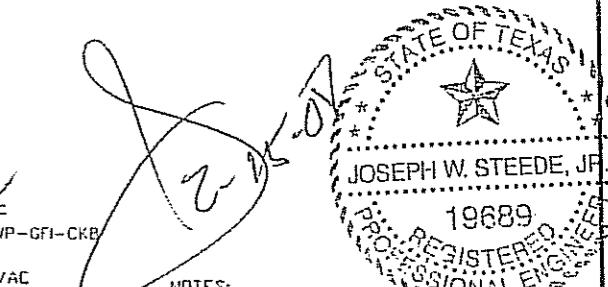
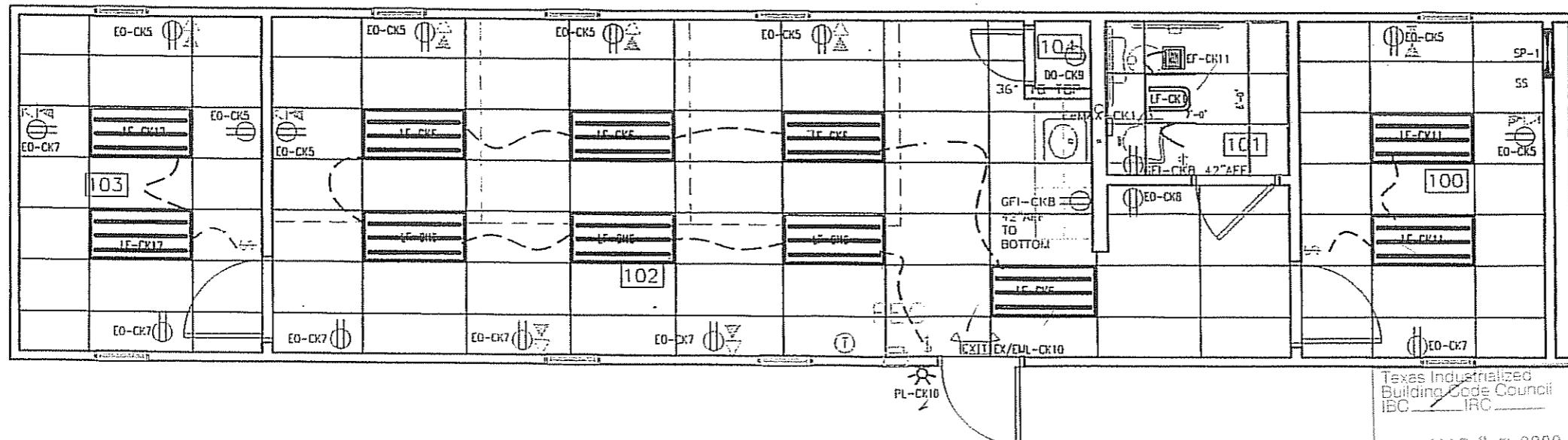
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MIN WIRE SIZE		125 AMP 2-POLE 120V/240V MAIN BREAKER						SINGLE PHASE	MIN WIRE SIZE	
		"A"		"B"		BREAKER	LEG	CKT	LEG	BREAKER
10	EeMAX	30	A	1	2	A	60			
		2P	B	3	4	B	2P			
12	RECEPTS	20	A	5	6	A	20		LIGHTS	12
12	RECEPTS	20	B	7	8	B	20		GFI'S	12
12	NOT USED		A	9	10	A	20		EMERG, EXIT, PORCH	12
12	EXHAUST FAN AND LIGHTS	20	B	11	12	B	20		LIGHTS	12
	NOT USED		A	13	14	A			NOT USED	
	NOT USED		B	15	16	B			NOT USED	
	NOT USED		A	17	18	A			NOT USED	
	NOT USED		B	19	20	B			NOT USED	
	NOT USED		A	21	22	A			NOT USED	
	HOT USED		B	23	24	B			NOT USED	

		AMPS EA	ITEM	WATTS EA	EO	ELECTRICAL DUPLEX OUTLET
BULBS	32 WATT	1.5	RECEPTS	180	EO	ELECTRICAL DUPLEX OUTLET
		0.77	LIGHTS 2X4' 3-TUBE T-8	92	SBO	SURGE BLOC DUPLEX OUTLET
		0.8	90 CFM EXHAUST FAN	68	SS	MAIN SURGE SUPPRESSION
BULBS	32 WATT	0.31	LIGHT 2X2' U-TUBE T-8	38	DO	DEDICATED OUTLET QUAD
		0.0333333	EMERGENCY/EXIT	4	HVAC	HEATING AND AIR UNIT
		0.1083333	PORCH LIGHT	13	LF	LIGHT FIXTURE
		22.9	EeMAX	2633.5	GFI	GROUND FAULT INTERRUPT OUTLET
		59	HVAC	6490	EF	EXHAUST FAN
		0		0	WP	WEATHER PROOF
		0		0	PL	PORCH LIGHT
		0		0	SP	SERVICE PANEL
		0		0	S	SINGLE POLE SWITCH 120V
		0		0	EeMAX	INSTANT WATER HEATER
		0		0	EX/EML	EXT/EMERGENCY LIGHT

PANEL SP-1 125 AMP 2-POLE 120V/240V SINGLE PHASE MAIN BREAKER LOAD CALCULATIONS					
LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS
A	1	EeMAX	22.90	-	2,519.00
A	2	HVAC	59.00	-	6,490.00
B	3	EeMAX	-	22.90	2,519.00
B	4	HVAC	-	59.00	6,490.00
A	5	RECPTS	9.00	-	990.00
A	6	LIGHTS	5.39	-	592.90
B	7	RECPTS/PORCH	-	9.20	1,012.00
B	8	GFI'S	-	6.00	660.00
A	9		-	-	-
A	10	EMERG/EXIT	0.14	-	15.58
B	11	EXHAUST/LIGHT	-	1.93	212.30
B	12	LIGHTS	-	1.54	169.40
			96.43	100.57	10,607.48
			TOTALS		21,670.18 WATTS
			W /20%	120.68	26,004.22 W /20%
			125AMP	OK	455.22 WATTS



NOTES:  
 1. MOUNT ALL OUTLET BOXES TO 16" AFF TO TOP OF BOX.  
 2. COUNTER TOP OUTLET TO BE 42" AFF TO BOTTOM OF BOX.  
 3. BATHROOM OUTLET TO BE 42" AFF TO BOTTOM OF BOX.  
 4. 3-TUBE LIGHT FIXTURE IS FIGURED AS 92 FIXTURE WATTS AND THE 3X TUBE FIXTURE AS 38 WATTS.  
 5. USE CIRCUIT 5 TO WIRE A J-BOXES FOR POSSIBLE PORCH LIGHT AND EXIT LIGHT AT FRAMED IN EXTERIOR OPENING FOR POSSIBLE DOOR.

Texas Industrialized Building Code Council  
IBC  
IRC

MAR 07 2008

Approved  
PFS Corp.  
IHDR/7

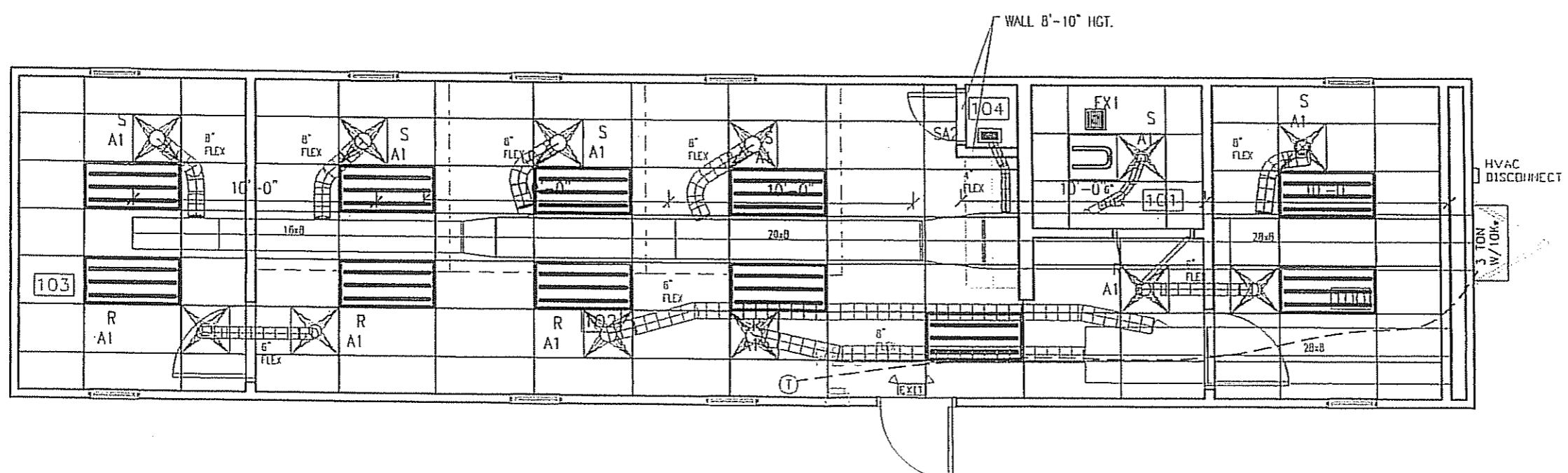
JOE STEEDE, P.E.  
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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	SCALE:	DWG #	ISHEET:	REMARKS:
				REW	NORTEX MODULAR SPACE	STOCK 1460 ELECTRICAL PLAN-"HD" SERIES	3/16" = 1'-0"	1460HD	E-101	
				DATE: 02/5/08	SCALE:					

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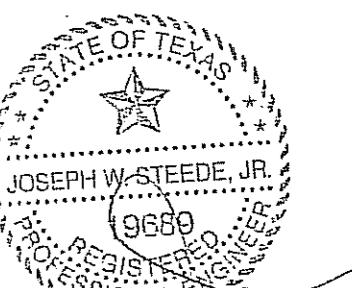
MECHANICAL SCHEDULE		
DESIGNATION	DESCRIPTION	COMMENTS
SAR	2X2 SUPPLY AIR REGISTER	ADJUSTABLE
SAG	12X12 SUPPLY GRILL	NONE
RAR	2X2 RETURN AIR REGISTER	NONE
T	THERMOSTAT	PROGRAMMABLE
3 TON W/10KW	BARD MODEL VA372-A	
EX1	90 CFM EXHAUST FAN	THRU ROOF

AC	CFM	FPM	RECT W	RECT W	ROUND DUCT
3-TON	1100	800	28	8	14
OCCUPANTS	6				
CFM REQ'D EACH	20	CFM			
TOTAL OUTSIDE REQD	120	CFM			



宋 20

## MECHANICAL PLAN



NOTES:  
1. FLEX DUCTS NOT TO BE CUT AND MIN DUCT LENGTH  
MIN 12" FROM A TRIMSON.  
2. NO DUCTS TO HAVE A P-SPEC UNDULATING VALVE.

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MAR 6 2008



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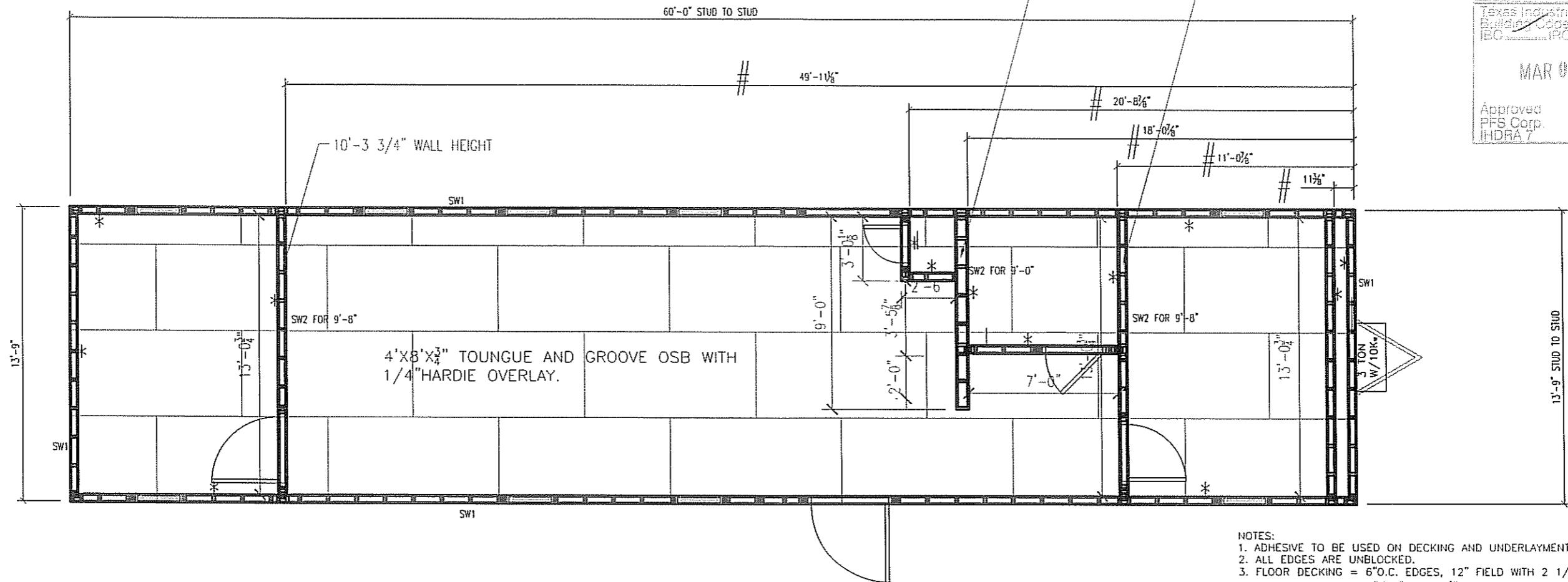
#### **NORTEX MODULAR SPACE**

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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:
				REW	NORTEX MODULAR SPACE	STOCK 1460 MECHANICAL PLAN - "HD" SERIES
				DATE: 02/5/08	SCALE: 3/16" = 1'-0"	DWG# 1460HD SHEET: M-101

SHEARWALL SCHEDULE					
MARK	MATERIAL	FASTEN STUDS TO SIDING	FASTEN BOTTOM PLATE TO DECK	FASTEN TOP PLATE TO RAFTERS	FASTEN END TO SIDEWALLS
SW1	3/8" SMARTPANEL ONE SIDE 5/8" VCG OTHER SIDE	NAIL WITH .090 X 2 <sup>1</sup> / <sub>2</sub> " FOR 3/8" SMART PANEL 6" DC EDGE / 6" DC FIELD ADHESIVE VCG ON INTERIOR	.131 X 3" NAILS 16" D.C.	.131 X 3" NAILS 16" D.C.	.131 X 3" NAILS 16" D.C.
SW2	5/8" VCG EACH SIDE	ADHESIVE EACH SIDE	.131 X 3" NAILS 16" D.C.	.131 X 3" NAILS 16" D.C.	.131 X 3" NAILS 16" D.C.

TOP AND BOTTOM EDGE OF SIDING SHALL BE NAILED WITH .090 X 2<sup>3</sup>/<sub>16</sub>" NAILS 2<sup>1</sup>/<sub>2</sub> O.C. TO THE RIM JOIST.



**NOTES:**

1. ADHESIVE TO BE USED ON DECKING AND UNDERLayment.
2. ALL EDGES ARE UNBLOCKED.
3. FLOOR DECKING = 6"O.C. EDGES, 12" FIELD WITH 2 1/2" SCREW SHANK NAILS. UNDERLayment 6"/12" WITH 2 1/2" SCREW SHANK NAILS.
4. ALL WALLS 2X4 EXCEPT BATHROOM WET WALL, TO BE 2X6.
5. SHEAR WALL (SW2) SHALL EXTEND TO ROOF JOIST.
6. DOOR OPENING SHALL HAVE (2) KING STUDS.

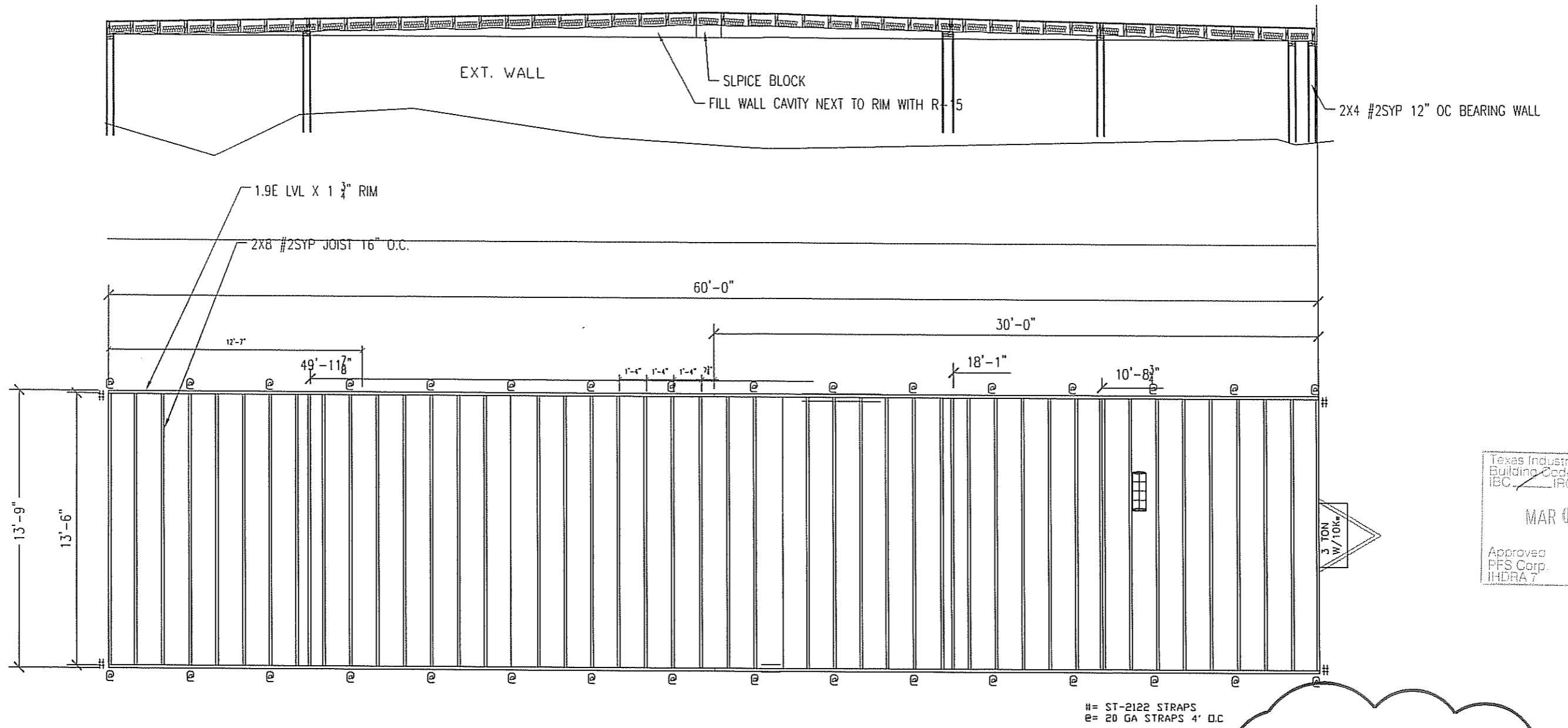
## FLOOR DECK / WALL LAYOUT PLAN

- DENOTES SIDE TO BE PREGYPED
- # DENOTES TO FINISH SIDE

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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:
1	SMART PANEL 6" IN FIELD	REW	03/07/08	REW	NORTEX MODULAR SPACE	STOCK 1460 FLOOR DECK PLAN - "HD" SERIES
				DATE: 02/5/08	SCALE: 3/16" = 1'-0"	DWG# 1460HD SHEET: SF-102



### ROOF JOIST PLAN

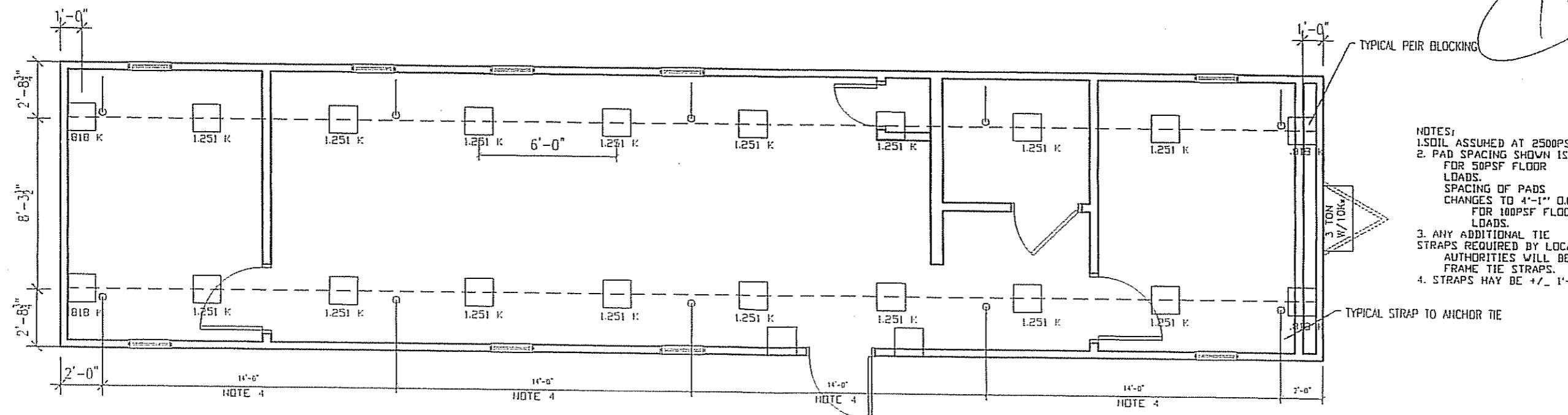
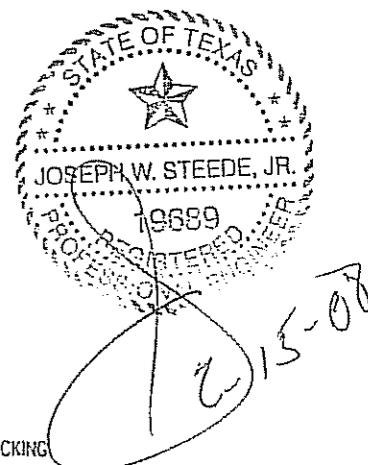
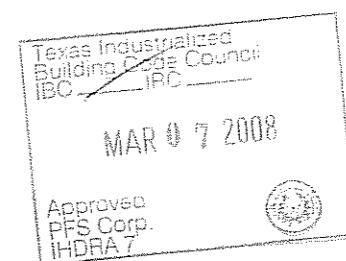
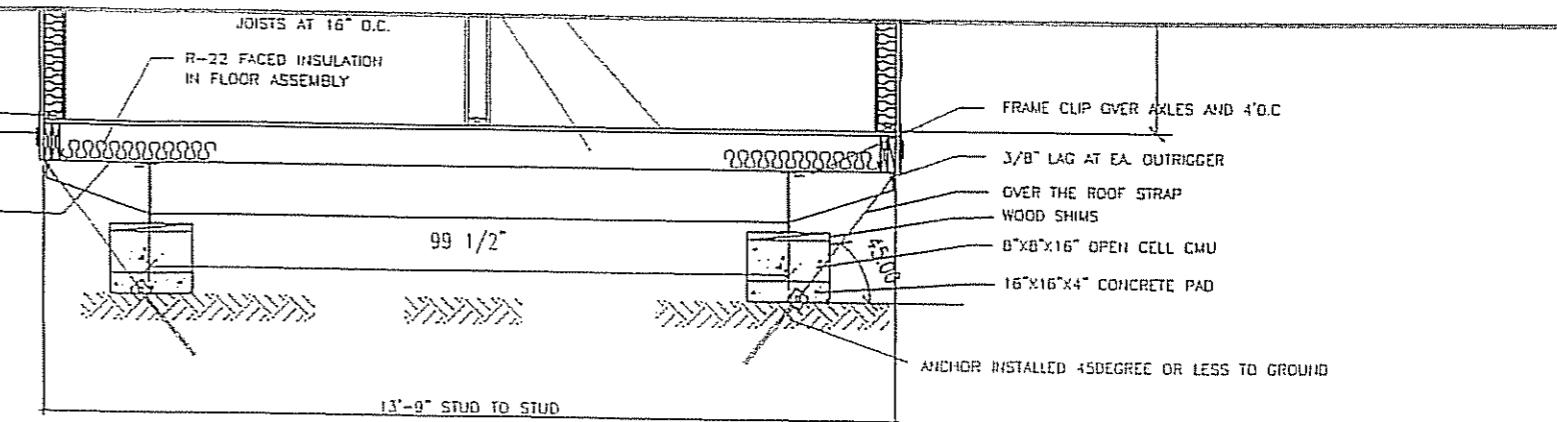
NOTES:

1. FILL CAVITY WITH (2) LAYERS R-15.
2. BOTTOM OF JOIST TO BE NETTED.
3. ROOF DECK TO BE FR 7/8" DECK PANEL.
4. ROOF DECK NAILING TO BE 4"OC EDGE & 8"OC IN FIELD WITH MIN. 2 1/2" SCREWS OR 2 1/2" SCREW SHANK NAILS.
5. NAIL JOIST TO LVL RIMS (3) .131 X 3"
6. SPLICE BLOCKS (10) .131 X 3" EA. SIDE PER
7. TOE NAIL RIM TO TOP WALL PLATES WITH .131 X 3" AT 4" O.C. OUTER SIDE ONLY.

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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	DWG#	SHEET:
1	CHANGED NAILING AT RAFTER TO RIM AND RIM TO WALL PER PAGE #7 OF CALC'S.	REW	03/07/08	REW	NORTEX MODULAR SPACE	STOCK 1460 ROOF JOIST PLAN-"HD" SERIES		
				DATE: 02/5/08	SCALE: 3/16" = 1'-0"		1460HD	SF-103



### FOUNDATION PLAN

LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	DWG#	SHEET:	
				REW	NORTEX MODULAR SPACE	STOCK 1460 FOUNDATION PLAN - "HD" SERIES	1460HD	S-101	

DATE: 02/5/08 SCALE: 3/16" = 1'-0"

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