DESIGN CRITERIA:

PROJECT NAME: NORTEX 5664 RECERTIFICATION OFFICE
BUILDING SQUARE FOOTAGE: 3584 SF
CODES
NEC-2005
IBC-2003
IMC-2003
IEEC-2003
TAS-1994
USE GROUP: B
CONSTRUCTION TYPE: IBC: V-B
OCCUPANT LOAD: 35
PERMISSIBLE GAS TYPE: ☐ LP ☐ NATURAL ☒ N/A

DESIGN LOADS:

ROOF LIVE LOAD:	20 PSF
FLOOR LIVE LOAD:	50 PSF
CONC. FLOOR LIVE LOAD:	2000
WIND LOAD:	80 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. BUILDING TO BE LOCATED PER TABLE 602 OF THE 2003 IBC.
3. ANY REQUIRED ALARM SYSTEM WILL BE INSTALLED ON SITE BY OTHERS.
4. SERVICE SINK AND WATER FOUNTAINS SHALL BE AVAILABLE IN ADJACENT BUILDING ON SITE.

BLOCKING NOTES:

1. TIE DOWN, BLOCKING, ANCHORING BY OTHERS.
2. CRAWL SPACE VENTILATION PROVIDED BY SITE INSTALLER PER 1203.3.1 OF 2003 IBC.

SCOPE OF WORK:

NOT INCLUDED IN SCOPE OF WORK

1. UTILITIES AND UTILITY CONNECTIONS
2. POURED CONCRETE (DRIVEWAY, SIDEWALK, SLABS, FOOTINGS, ECT.)
3. SITE PREPARATION
4. TAX OF ANY KIND
5. BUILDING PERMITS

SITE WORK

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 ONSITE, TO INCLUDE POURED FOOTINGS, SLABS, FOUNDATIONS, SIDEWALKS, DRIVEWAYS OF WHATEVER KIND ARE THE RESONSIBILITY OF OTHERS.

IDENTIFICATION

DECALS: RECERTIFICATION, MANUFACTURERS NEW DATA PLATE,NORTEX,PFS,MBL
LOCATION OF DECALS: HITCH END ON EXTERIOR WALL, LEFT SIDE ON A METAL PLATE

FRAME / CHASSIS:

OUTRIGGERS:	PER PREVIOUS PLANS
CROSSMEMBERS:	PER PREVIOUS PLANS
BEAM:	PER PREVIOUS PLANS
HITCH:	PER PREVIOUS PLANS
AXLES:	PER PREVIOUS PLANS
TIRES:	PER PREVIOUS PLANS
FRAME:	PER PREVIOUS PLANS

FLOOR:

BOTTOM BOARD:	ROLL, POLYETHYLENE FIBER MESH
INSULATION:	PREVIOUS R-19
JOIST:	2X6 #2SYP OR BETTER AT 16" O.C.
SIDEBAND JOIST (RIM):	2X6 #2SYP OR BETTER
DECKING:	3/4" T&G STURD-I-FLOOR
UNDERLAYMENT:	N/A
COVERING:	TBD
BASE COVE:	4" RUBBER (6" IN RESTROOMS): COLOR= GREY

EXTERIOR WALLS:

SIDEWALL HEIGHT: SEE PREVIOUS STAMPED PLANS
STUDS: 2X4 #2SYP 16"O.C.
BOTTOM PLATE: SINGLE 2X4 STD SPF OR BETTER
TOP PLATES: DOUBLE 2X4 STD SPF OR BETTER
HEADERS: DOUBLE 2X6 #2SYP W/ 7/16" FILLER
JACK STUDS: SINGLE EACH SIDE 2X4 #2SYP

INSULATION: PREVIOUS R-11 FACED, REINSULATED WALLS TO BE R-13 UNFACED
SHEATHING: 7/16" OSB
SIDING: 1/4" HARDIE-STUCCO FINISH COLOR: SEE SHEET A-201
TRIM: 1X4 HARDIE COLOR: SEE SHEET A-201
SKIRTING: SHIP LOOSE: 16 4X12 SHTS HARDIE FOR STUCCO FINISH
IF SKIRTING IS ORDERED, 12"X12"VENTS TO BE SHIPPED WITH MAT. 24

INTERIOR WALLS:

WALL HEIGHT: : 9'-3"
STUDS: (PER PREVIOUS) 2X4 #2SYP 16"O.C. @ NEW WALLS.
TOP PLATES: (PER PREVIOUS) SINGLE 2X4 #2SYP @ NEW WALLS.
BOTTOM PLATE: (PER PREVIOUS) SINGLE 2X4 #2SYP @ NEW WALLS.
INSULATION: PREVIOUS R-11 UNFACED, NEW WALLS R-15 UNFACED
COVERING: PREVIOUS 3/8" VCG, REPAIRS OR NEW WALLS 1/2" VCG COLOR: SERRIA MIST

TRIM: STANDARD VCG BATTENS

WINDOWS:

SIZE/TYPE: (18) 24"X52" V.S. BRONZE FRAME/CLEAR LOW E GLASS
BRAND: HR MIN. ENERGY VALUES: U-FACTOR =.66 SHGC=.65
COVERING: (18)ALUMINUM MINI-BLINDS COLOR: GRAY
MISC: N/A

DOORS:

EXTERIOR:	(2) 36"X80" 18GA STEEL W/ 5"X20" PENCIL WINDOW (TEMP)
EXTERIOR HARDWARE:	(2) DEADBOLT (SCHLAGE) B660 BD x 26D W/C CONSTR. CORE
	(2) 9305BC x AL NORTON CLOSURER
	(2) HOLLOW METAL. FRAME
	(2) PULL PLATES ROCKWOOD #107 x 70C X US28
	(2) PEMCO THRESHOLD 170A-36
	(2) PEMKO SWEEP 315CN-36
	(2) SET PEMKO WEATHERSTRIP 303AV-3070
INTERIOR:	(9) 36" X 80" REDI-FRAMES AND SC WOOD DOORS W/VISION PANEL
	NO VISION PANEL AT BATHROOM DOORS
HARDWARE	(7) LEVER HANDLES AT OFFICES WITH ENTRY HARDWARE
	(2) PUSH PULL AT BATHROOMS WITH CLOSURE

ROOF:

RAFTER:	PER PREVIOUS PLANS
RIM:	PER PREVIOUS PLANS
SHEATHING:	PER PREVIOUS PLANS
COVERING:	PER PREVIOUS PLANS
BOTTOM RAFTER SHEATHING:	N/A
ROOF PITCH:	.25/12 FROM END TO END
CEILING:	8'-6" HEIGHT. 2X4 LAYIN PANELS
INSULATION:	PREVIOUS R-19 WITH NET HOLDING
PLENUM:	N/A
VENTS:	1" ABOVE RAFTER INSULATION

ELECTRICAL:

SERVICE:	120/240V SINGLE PHASE
LOAD CENTERS:	(1)200 AMP, (1) 150 AMP INT MOUNT LOAD CNT. W/ #6 BARE GROUND
	MDP BY OTHERS
ENTRANCE:	2 " NIPPLE DOWN
WIRING:	MC CABLE W/#12 (#6 AT HVAC)
LIGHTS:	48" T-8 (2) TUBE 32 WATT FLOUR. FIXTURES (48 FIXTUREWATTS)
	PHOTO CELL EXTERIOR 13 WATT @ 860 LUMENS = 66 LUMEN PER WATT
	24" T-8 U-TUBE 38 FIXTURE WATTS
FANS:	EXISTING (2) 350 CFM FANS (1) IN EACH BATHROOM
SURGE PROTECT:	N/A
EXIT/EMERG. LIGHT:	EXIT/EMERGENY LIGHT COMBO BATTERY BACK UP
RECIEPTS	STD. 120V DUPLEX RECEP
	GFCI 120V STD. DUPLEX RECEPTACLES
	W.P. EXT. GFCI 120V RECEPTACLE
SWITCHES	OCCUPANCY SENSORS AT ALL ROOMS EXCEPT AS NOTED.
SWITCHES	OPEN AREA TO HAVE CEILING MOUNT SENSORS W/ POWER PACKS/ RELAYS
J-BOXES:	ALL PLATES TO BE IVORY
ALARM:	N/A
MISC:	GROUNDING ON SITE TO BE PER NEC 2005, 250-96

PLUMBING:

WATER SUPPLY:	TYPE "L" COPPER
WASTE:	PVC SCHEDULE 40
WATER HEATER:	(3) EcoMAX SP55 SUPPLY TO ALL SINKS WITH SET OF 105-110F DEGREE.
WATER CLOSET:	(2) HANDICAP FLUSH VALVE ELONGATED L/HANDLE
LAVATORY:	(2) HANDICAP WALL HUNG, COVER UNDERNEATH HANDLES
BAR SINK:	(1) STAINLESS STEEL COUNTER LAV, DUAL LEVER FAUCET.
ACCESSORIES:	(2 EA.) 36" AND 42" GRAB BARS, TOILET PAPER HOLDER.
NOTE:	ALL FIXTURE MOUNTING PER TAS 1994

HVAC:

HVAC:	(4) 3 TON WITH 10KW HEAT STRIP.
	BRAND: BARD COLOR: TAN
EFFICIENCY:	SEER 13, EER 9.2 > MINUMUM SEER 9.7 PER 2003 IECC TABLE 803.2.2(1)
THERMOSTAT:	(4) PROGRAMABLE
DUCTS:	DUCT BOARD MAIN, FLEX TO GRILLS IN UNICOND. SPACE. R-5 MIN. VALUE.
SUPPLY REGISTERS:	24X24 W/ ADJUSTABLE DIFFUSERS
RETURN REGISTERS:	DUCT BOARD FROM PLENUM TO 12" FLEX TO 2X2 GRILLS
MISC:	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.

FURNITURE OR MISC:

5LB ABC FIRE EXTINGUISHER IN CABINET NEAR ENTRANCES

Alteration is in compliance with the IEBC
Alteration Approval Date
OCT 2 3 2008
PFS Corporation
DBA Name:
IHCBA 7
Texas Industrialized Building Code Council
TDLR

TELECOM:

STUB J BOXES ABOVE CEILING GRID.
TELECOM BY OTHERS

SERIAL NUMBERS:

NORTEX NUMBER	PREVIOUS NUMBER	TDLR NUMBER
14640207A-1710	TX00B380	50329
14640207B-1711	TX00B381	50330
14640207C-1712	TX00B382	50331
14640207D-1713	TX00B383	50332

PREVIOUS DECALS LOCATED ON PLATE AT FRONT CENTER OF UNIT, OUTSIDE

ENERGY CODE COMPLIANCE

COMCHECK CERTIFICATES TO BE USED AS CHECKLIST.
2 TUBE LIGHT FIXTURE IS 66 FIXTURE WATTS
2X2'- U TUBE FIXTURE IS 38 FIXTURE WATTS
EXTERIOR LIGHT IS 13 WATT@860 LUMENS = 66 LUMEN PER WATT.
WINDOWS ARE NFRC LABELED AS: U=.66 AND SHGC=.65

DOOR U VALUE IS DEFAULT .7

EXTERIOR WALL COMCHECK AREA
(2)SIDEWALL = 64' X 11'-11" TO 13'-1" = 768 SF X 2 WALLS = 1536 SF
(4)ENDWALL = 11'-11" X 14'-0" = 167 SF X 4 LOCATIONS = 668 SF
(4) ENDWALL = 13'-1" X 14'-0"= 183 SF X 4 LOCATIONS = 732 SF

TOTAL = 2936 SF

SEE PREVIOUS PLANS FOR ANY INFORMATION NOT SHOWN.

FOUNDATION PLAN IS ENGINEERED AND DESIGNED BY OTHERS.

DRAWING INDEX:

G-001	=	COVER
G-002	=	DEMO AND CHANGES DIRECTION
G-003	=	TESTING
A-101	=	FLOOR PLAN
A-201	=	EXTERIOR ELEVATIONS
A-202	=	EXTERIOR ELEVATIONS
A-203	=	INTERIOR CABINET ELEVATION
A-301	=	SECTION
A-601	=	ADA / TAS DETAILS
E-101	=	ELECTRICAL PLAN
E-102	=	ELECTRICAL PANEL CALCULATIONS
M-101	=	MECHANICAL(HVAC) PLAN
P-101	=	PLUMBING PLAN
S-101	=	BLOCKING PLAN

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13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 10/08/08
PROJECT: NORTEX MODULAR SPACE
SCALE: N/A
TITLE: 5664 COVER
DWG#: 5664
SHEET: G-001

NORTEX MODULAR SPACE
555 JUBILEE LANE
LEWISVILLE,TX 75056
PHONE: 972-492-4040
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D.C. DIELECTRIC STRENGTH TEST

REQUIREMENTS:

Dielectric Strength Test –the wiring of each structure shall be subjected to a 1 minute, 1,273 volt dielectric strength test (with all switches closed) between live parts (including neutral), and ground. Alternatively, the test may be performed at 1,527 volts for 1 second. This test shall be performed after branch circuits are complete and after fixtures or appliances are installed. Fixtures or appliances, which are listed, shall not be required to withstand the dielectric strength test. The dielectric strength test shall be performed at a minimum 1,527 volts for one second.

PURPOSE: To determine that insulation on all circuit conductors has not been damaged.

TEST APPARATUS: A dielectric strength tester, such as a Slaughter Industries model 2503 DC or equivalent device.

THE TEST INCLUDES THE FOLLOWING:

All electrical conductors have been installed and interconnected. All branch circuit wiring must be completed, and connected to appliances and fixtures. NOTE: Listed fixtures and appliances must be disconnected before conducting the test.

1) Equipment being used is capable of providing the required voltage from a transformer with automatic current limiting apparatus under fault conditions, along with a fault detection indicator and a voltmeter. This equipment should be properly calibrated and in a functioning condition. The functionality of the tester can be checked by touching the prods of the tester together, which should indicate a fault.

2) Test is conducted at 1,527 volts For one second or minimum 1,273 volts for one minute.

3) Test is conducted between the ground and the neutral (white) and between the ground and each of the two hot legs (black or red).

SPECIAL ITEMS TO CHECK BEFORE TEST:

a) All light bulbs are removed.

b) All circuit breakers and switches are in the on position.

c) GFI breakers or in-line GFI receptacles are NOT to be dielectric tested. By-pass these devices or install after the circuit wiring is dielectric tested.

d) 3-way switches need to be tested with on switch open and on closed. Reverse switch positions and test again.

e) Rheostat dimmers: Do not test rheostats. By-pass the switch and test the wiring only.

1) Provide warning to all personnel that dielectric test is about to be performed.

POLARITY TEST

REQUIREMENTS:

Each structure shall be subjected to polarity checks to determine that connections have been properly made.

PURPOSE: To determine that all connections in the electrical system have been properly made so as to assure that the ungrounded conductors and he grounded conductor (neutral or white) are connected to the corrected terminals at each connection

TEST APPARATUS: Polarity tester, such as Gardner-Bender model 501A or equivalent UL listed tester.
Screw plug for incandescent light socket.
3 Prong to 2 prong plug converter.
Adapters for various outlet configurations, as needed
Source of temporary electric power.

THE TEST INCLUDES THE FOLLOWING:

1) All electrical outlets have been installed and connected.

2) Electrical power is supplied to the unit.

3) Using a polarity tester check all 110 volt electrical receptacles. This includes outside and heat tape receptacles.

4) Using a polarity tester with the appropriate attachment, connect to lights ands switches with clips or probes, screw into incandescent bulb fixtures with adapter and test for polarity.

4) Failure requires repair and re-test.

WATER SUPPLY PIPING TEST

REQUIREMENTS: Water System — Shall be tested in the appropriate manner as described below,

Hot and **cold supply** system shall be tested and proved tight under a water pressure not less than 25psi greater than the working pressure under which it is to be used. If the on-site working pressure is not known then 100psi pressure shall be used.

An air-pressure test may be substituted for the water test (NOT ALLOWED IF PIPING IS PLASTIC). In either method of test, the piping shall withstand pressure without leaking for a period of not less than 15 minutes.

TEST APPARATUS: The pressure test gauge shall be in increments of 1psi or less. The source of air or water should be capable of providing the required pressure. The test apparatus must be arranged so that the source of the pressure may he isolated from the system being tested after appropriate pressure has been reached.

THE TEST INCLUDES THE FOLLOWING:

1) All portions of the hot and cold supply piping must be tested

2) All faucets are closed.

3) The float arm in the toilet tank is raised to the shut-off level and held there.

4) All shut-off valves in the piping system are opened fully. (e.g. a shut-off valve beneath the toilet tank)

5) The water heater does not have to be subjected to the test If the water heater is not connected, alternate methods of conducting the test may include the following:

a) Test the cold lines and hot lines separately.

b) The hot and cold water lines which normally are connected to the water heater may be bypass-connected together.

6) Visually check test equipment for proper calibration, and that equipment is in proper working order.

7) The test gauge is connected to the water piping system.

8) The source of pressure (air or water) is connected to the piping system, and the system is brought to the appropriate pressure.

9) When the appropriate pressure is reached, the source of pressure is isolated (disconnected) from the water piping. NOTE: Pressure less than 50psi is NOT acceptable.

10) Appropriate pressure must be maintained for at least 15 minutes. If the gauge shows a drop in pressure the leak (s) must be located and repaired.

11) After repairs are made, the system must be re-tested.

12) After the test passes, the Quality Assurance Inspection Record is signed off.

DRAINAGE AND VENT SYSTEM WATER TEST

REQUIREMENTS:

The drainage system either in its entirety or in sections shall be subjected to a water test.

PURPOSE: To assure that all portions of the drainage and vent system piping, fittings, and connections are free of leaks.

TEST APPARATUS: A source of water

Drain plugs, caps that will prevent leakage at the DWV system. (Exception: the portions of the system which are to be field-installed.)

THE TEST INCLUDES THE FOLLOWING:

1) All drain, waste, vent piping and fittings have been installed to the DWV system. (EXCEPTION: those portions of the system which are to be field installed.)

2) The building must be in a level position

3) The dropout is plugged or capped to prevent leakage through the dropout.

4) If tested as an entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest openings of the section under test, and each section shall be filled with water but no section shall be tested with less than a 10-foot head of water. In testing successive sections at least the upper 10 feet of the next preceding section shall be tested, so that no joint or pipe in the building, except the uppermost 10 feet of the system, shall have been submitted to a test of less than 10-foot head of water.

5) Water is held in the system for at least 15 minutes with no leaks occurring. Leaks can be determined by either checking all joints and connections in the DWV line or observing a drop in the level of the water at the highest opening of the drain system.

6) Failure (leakage) requires repair and retest.

7) After the test passes, the Quality Assurance Record is signed off.

Alteration is in compliance with the IEBC
Alteration Approval Date
OCT 2 3 2008
DRA Name: PFS Corporation
IHDRA- 7
Texas Industrialized Building Code Council
TDLR

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
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LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 11/13/07
PROJECT: NORTEX MODULAR SPACE
SCALE: N/A
TITLE: 5664 TESTING
DWG# 5664
SHEET: G-003

NORTEX MODULAR SPACE
555 JUBILEE LANE
LEWISVILLE,TX 75056
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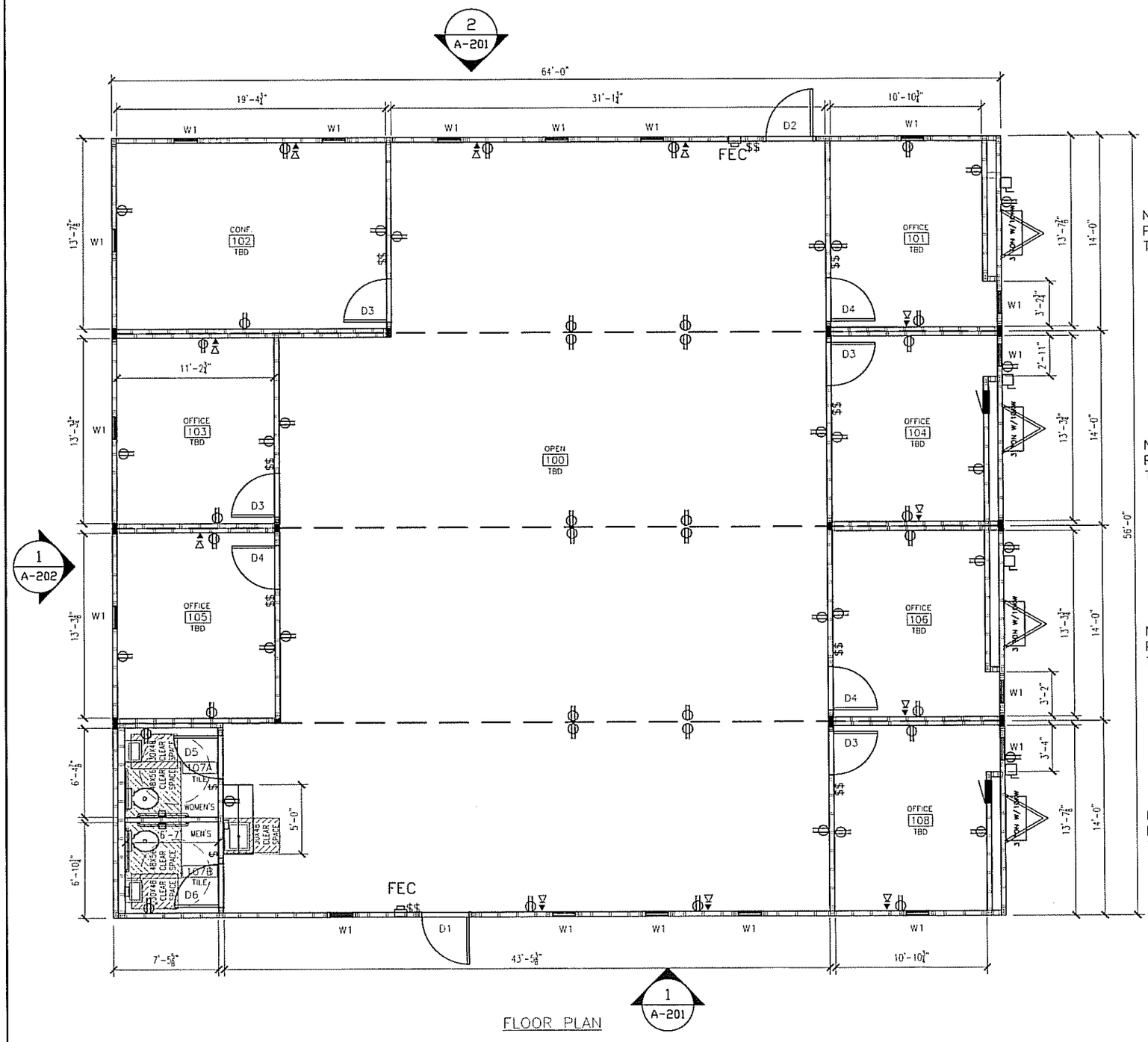

FLOOR PLAN

NORTEX# 14640207D-1710
PRE-TX00B380
TDLR-50329

NORTEX# 14640207C-1711
PRE-TX00B381
TDLR-50330

2
A-202

NORTEX# 14640207B-1712
PRE-TX00B382
TDLR-50331

NORTEX# 14640207A-1713
PRE-TX00B383
TDLR-50332

AREA SCHEDULE

DESIGNATION	DESCRIPTION	FLOOR AREA	FLOOR	WALL	CEILING	BASE
100	OPEN	1400	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
101	OFFICE	148	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
102	CONFERENCE	214	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
103	OFFICE	149	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
104	OFFICE	148	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
105	OFFICE	149	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
106	OFFICE	148	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
107 A/B	RESTROOMS	42 / 43	TILE	⅝" VINYL COVERED GYPSUM TYPE X WITH 4' FRP WAINSCOT	2'X4' LAY IN	6" RUBBER BASE
108	OFFICE	148	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE

EXTERIOR DOOR SCHEDULE

DESIGNATION	SIZE	DOOR MATERIAL	FRAME	RO	QTY
D1	3068R	STEEL W/ PENCIL VISION W/CLOSURES	STEEL	40½" x 82½"	1
D2	3068L	1-¾" SC MOHAWK W/ PENCIL VISION	STEEL	40½" x 82½"	1
D3	3068L	1-¾" SC MOHAWK W/ PENCIL VISION	STEEL	37½" x 81½"	4
D4	3068R	1-¾" SC MOHAWK W/ PENCIL VISION	STEEL	37½" x 81½"	3
D5	3068R	1-¾" SC MOHAWK	STEEL	37½" x 81½"	1
D6	3068L	1-¾" SC MOHAWK	STEEL	37½" x 81½"	1

WINDOW SCHEDULE

DESIGNATION	DESCRIPTION	RO	QTY
W1	2044 ALUMINUM BRONZE FRAME, DOUBLE INSULATED LOW E GLASS W/ ALUMINUM MINI BLINDS	24½" X 52½"	18

Alteration is in compliance with the IEBC

Alteration Approval Date

OCT 2 2 2008

DBA Name: PFS Corporation

IHDRA- 7

Texas Industrialized Building Code Council

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LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 10/01/08
PROJECT: NORTEX MODULAR SPACE
SCALE: 1/8" = 1'-0"
TITLE: 5664 FLOOR PLAN
DWG# 5664
SHEET: A-101

NORTEX MODULAR SPACE
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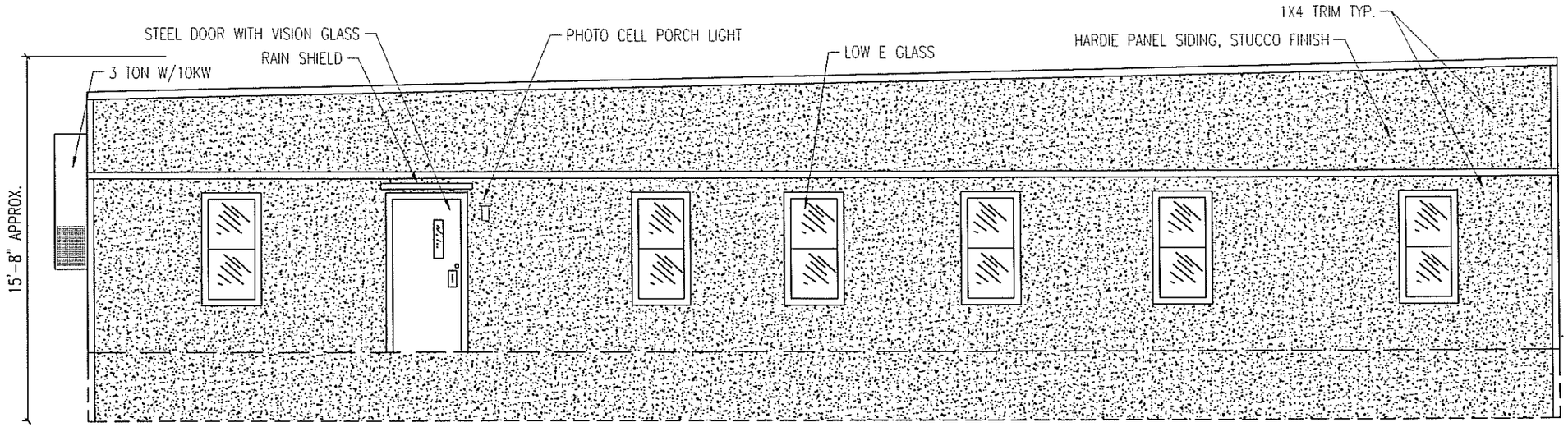
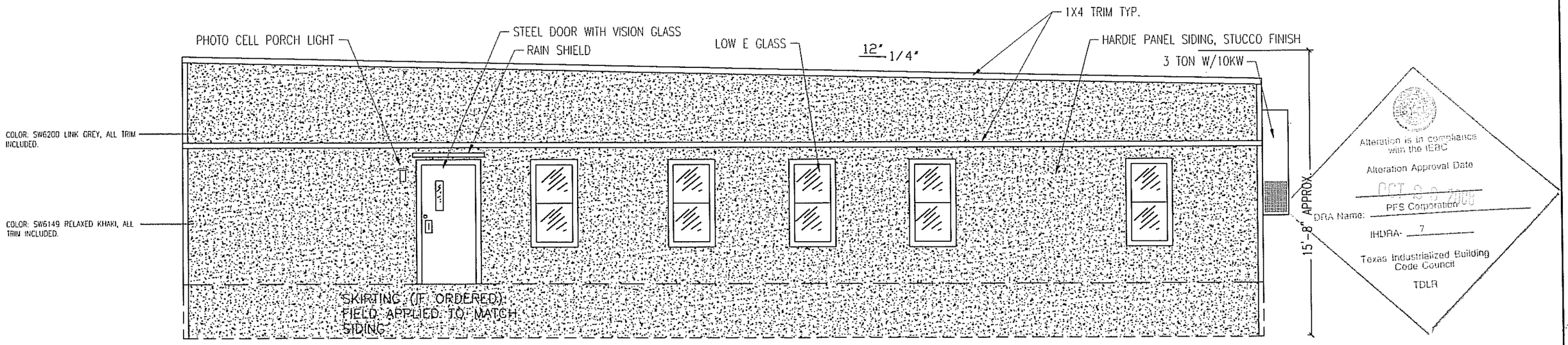


ELEVATION #2



ELEVATION #1

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DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 5664 ELEVATIONS	
DATE: 10/06/08	SCALE: 3/32" = 1'-0"	DWG# 5664	SHEET: A-201

NORTEX MODULAR SPACE
555 JUBILEE LANE
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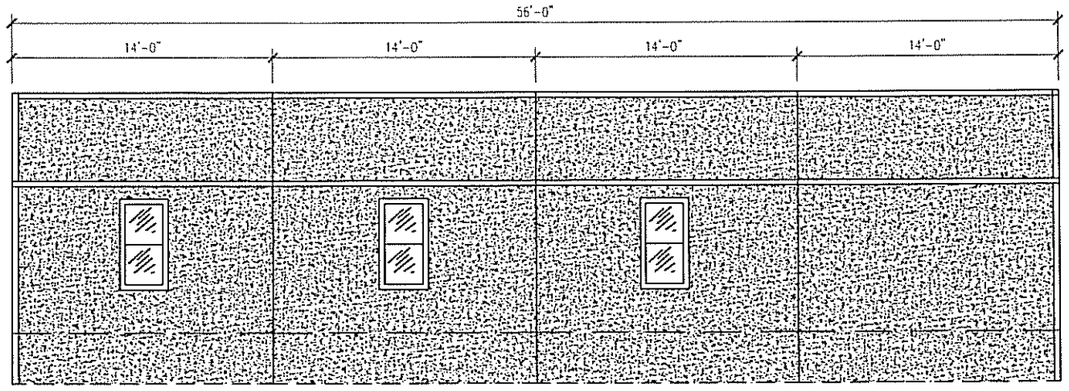
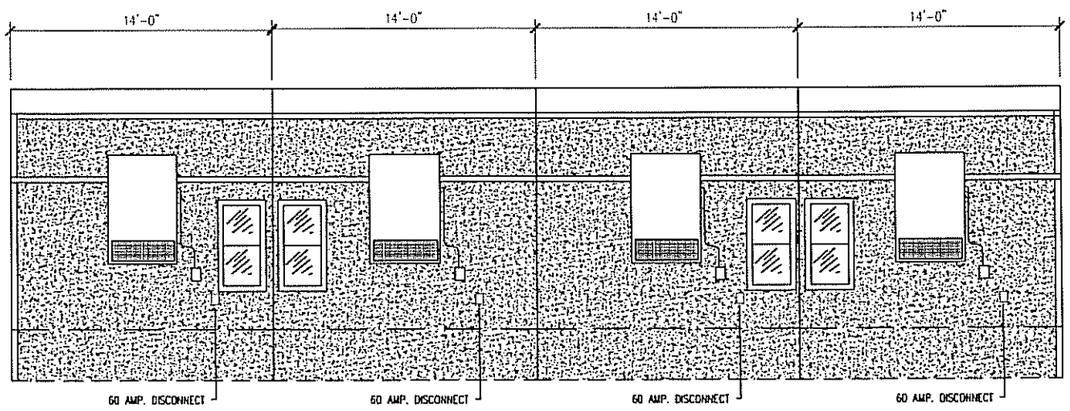
PHONE: 972-492-4040
FAX: 972-492-2704



ELEVATION #1



ELEVATION #2

Alteration is in compliance with the IEBC

Alteration Approval Date

OCT 2 6 2008

DRA Name: PFS Corporation

IHDRA: 7

Texas Industrialized Building Code Council

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DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR

DATE: 10/06/08

PROJECT: NORTEX MODULAR SPACE

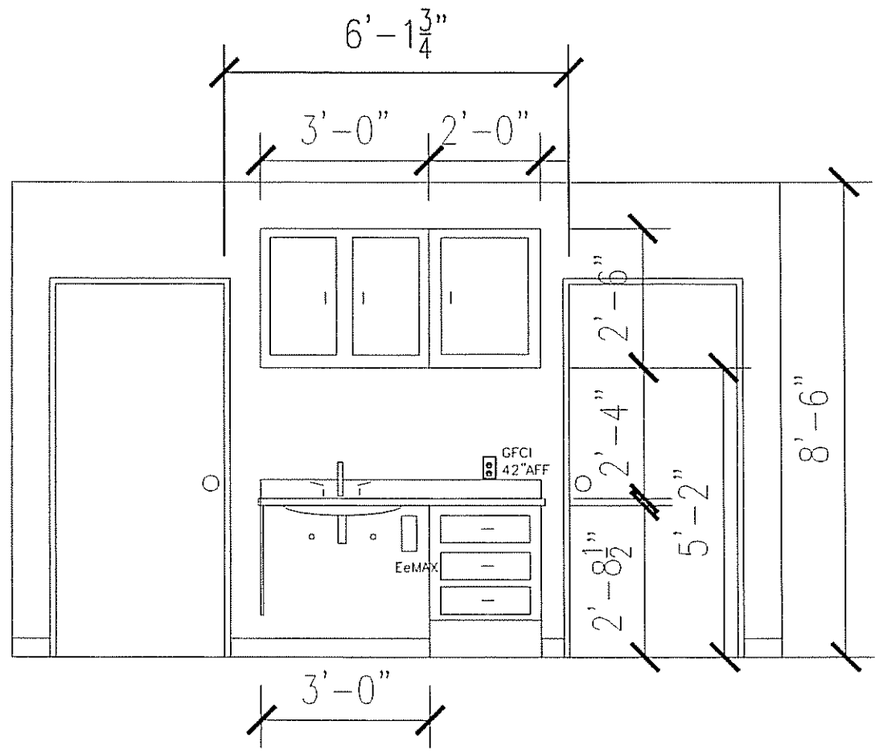
SCALE: 1/8"= 1'-0"

TITLE: 5664 ELEVATIONS

DWG# 5664

SHEET: A-202

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



INTERIOR ELEVATION @ COFFEE BAR

Alteration is in compliance with the IEBC

Alteration Approval Date

OCT 2 9 2008

DRA Name: PFS Corporation

IHDRA: 7

Texas Industrialized Building Code Council

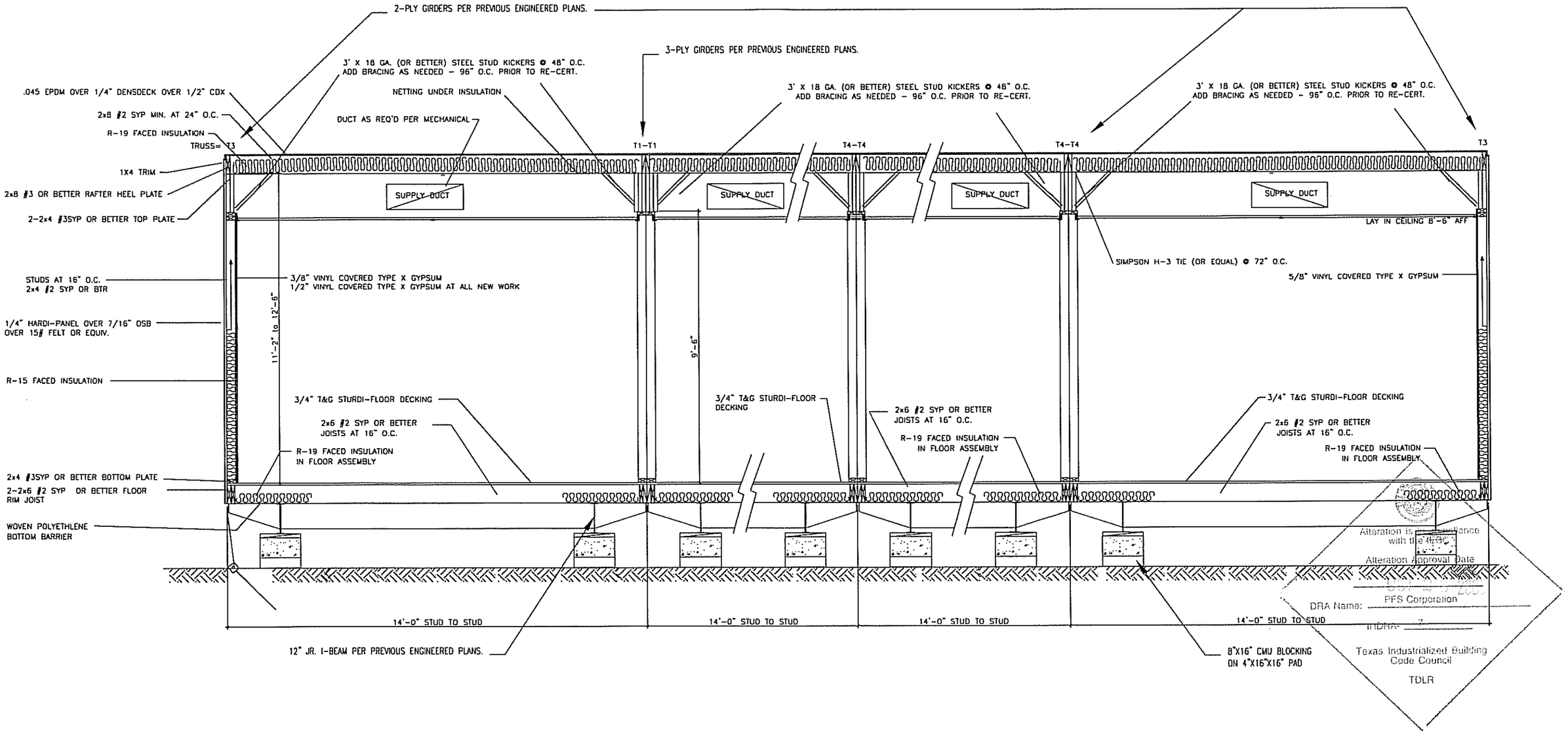
TDLR

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: INTERIOR CABINET ELEVATION	
DATE: 10/09/08	SCALE: 3/8" = 1'-0"	DWG# 5664	SHEET: A-203

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



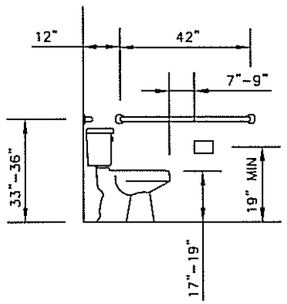
JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

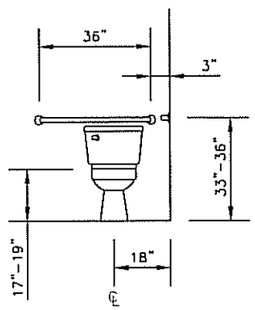
DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 5664 SECTION	
DATE: 10/09/08	SCALE: 5/16" = 1'-0"	DWG# 5664	SHEET: A-301

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

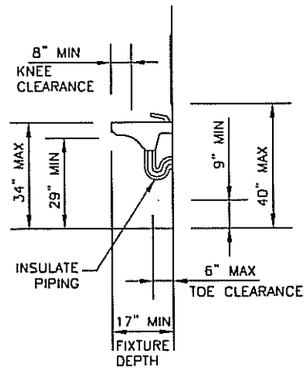
ADA DETAILS



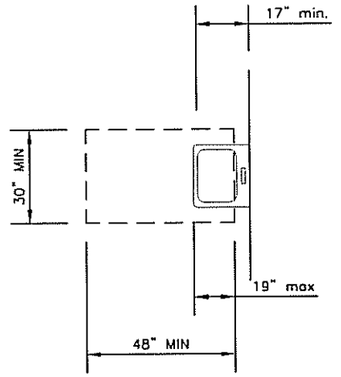
WATER CLOSET
SIDE VIEW



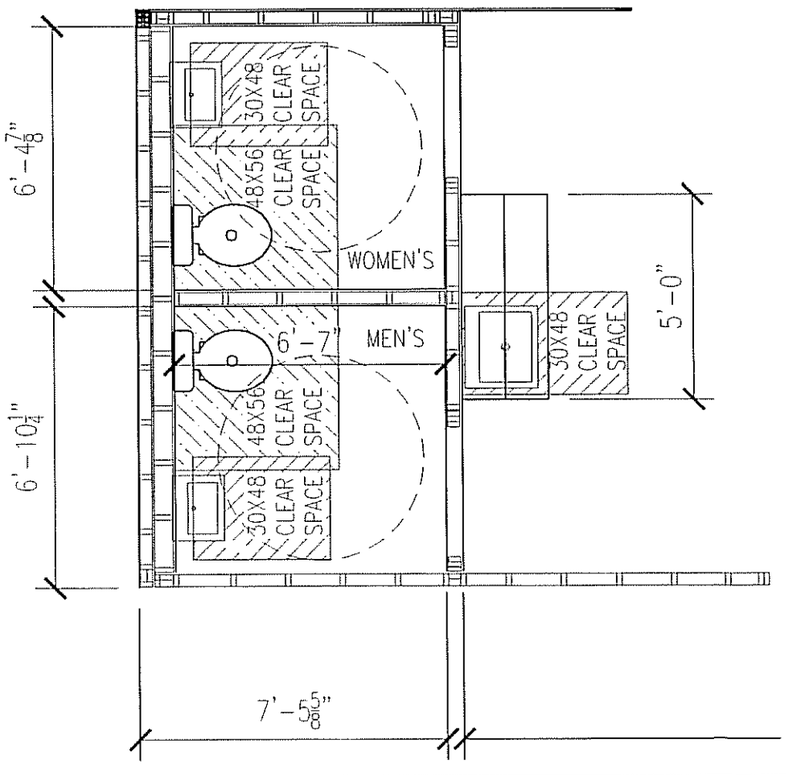
WATER CLOSET
FRONT VIEW



LAV CLEARANCES



CLEAR FLOOR SPACE
AT LAVATORIES



NOTES:
COFFEE BAR SINK AREA SHALL COMPLY WITH TAS 4.24.1 General.
(1) Sinks required to be accessible by 4.1 shall comply with 4.24.
(2) Sinks shall be mounted with the counter or rim no higher than 34 in (865 mm) above the finish floor.
4.24.3 Knee Clearance. Knee clearance that is at least 27 in (685 mm) high, 30 in (760 mm) wide, and 19 in (485 mm) deep shall be provided underneath sinks.
4.24.4 Depth. Each sink shall be a maximum of 6-1/2 in (165 mm) deep.
4.24.5 Clear Floor Space. A clear floor space at least 30 in by 48 in (760 mm by 1220 mm) complying with 4.2.4 shall be provided in front of a sink to allow forward approach. Sinks installed in alcoves deeper than 24 in require additional maneuvering area (see Figure 4(e)). The clear floor space shall be on an accessible route and shall extend a maximum of 19 in (485 mm) underneath the sink (see Fig. 32).
4.24.6 Exposed Pipes and Surfaces. Hot water and drain pipes exposed under sinks shall be insulated or otherwise configured so as to protect against contact. There shall be no sharp or abrasive surfaces under sinks.
4.24.7 Faucets. Faucets shall comply with 4.27.4. Lever-operated, push-type, touch-type, or electronically controlled mechanisms are acceptable designs.

Alteration is in compliance with the IEBC

Alteration Approval Date
OCT 2 9 2008

DRA Name: PFS Corporation

IHDRA: 7

Texas Industrialized Building Code Council

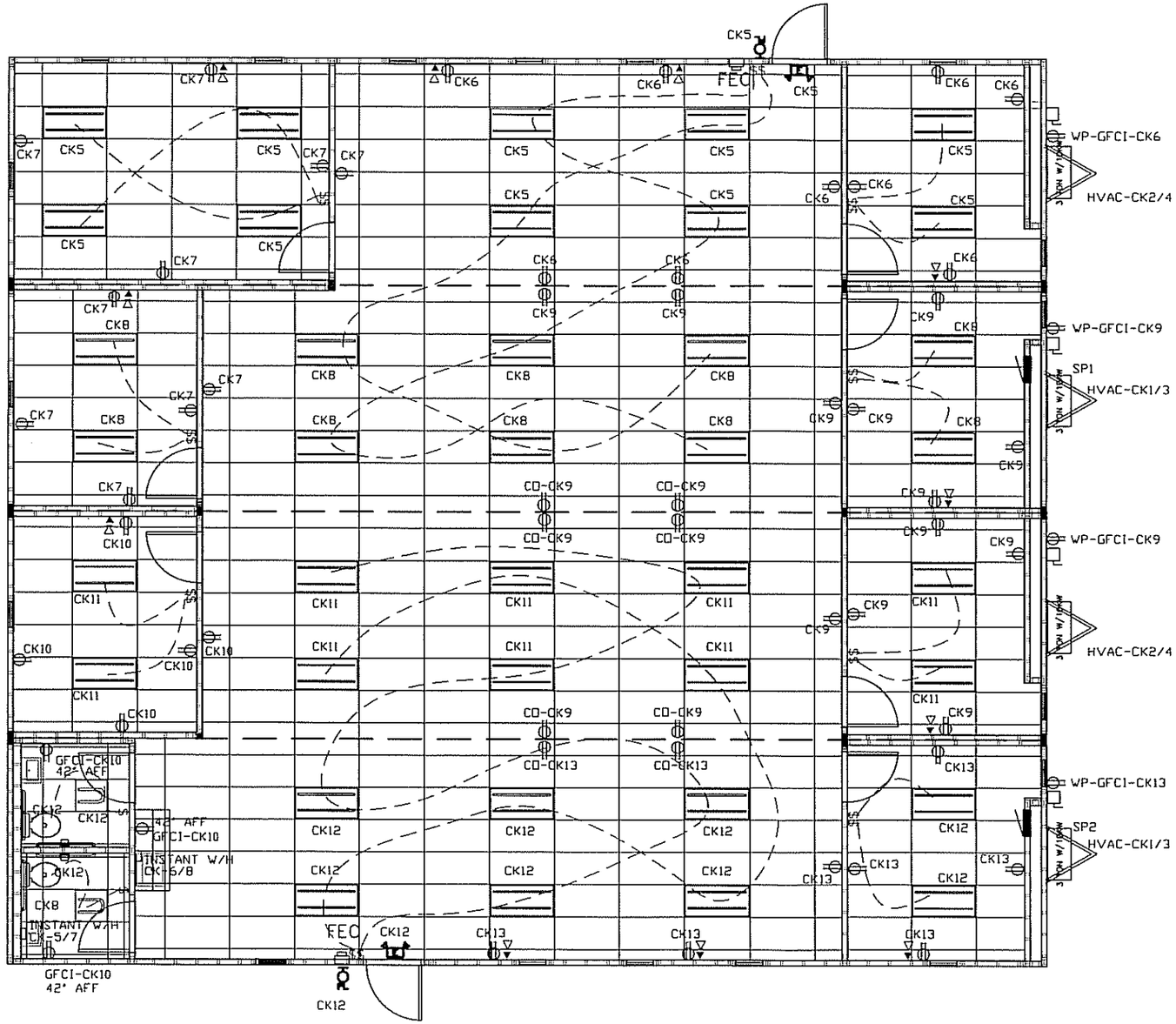
TDLR

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: TAS AND ADA DETAILS	
DATE: 10/09/08	SCALE: 1/4" = 1'-0"	DWG# 5664	SHEET: A-601

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



SS SURGE PROTECTOR

CAN LIGHT LIGHT

2'X4' TROFFER LIGHT T-8 ELEC. BALLAST, 2-BULB

EMERGENCY/EXIT LIGHT COMBO

PORCH LIGHT

$ SINGLE POLE LIGHT SWITCH

$OS OCCUPANCY SENSOR SWITCH

$D DIMMER SWITCH

$3 3WAY SWITCH

DUPLEX OUTLET

SDO SURGE DUPLEX OUTLET

WP GFCI WEATHER PROOF DUPLEX GROUND FAULT INTERUPT OUTLET

CO CEILING OUTLET

DATA DROP

VOICE DROP

NORTEX# 14640207D-1710
PRE-TX00B380
TDLR-50329

NORTEX# 14640207C-1711
PRE-TX00B381
TDLR-50330

NORTEX# 14640207B-1712
PRE-TX00B382
TDLR-50331

NORTEX# 14640207A-1713
PRE-TX00B383
TDLR-50332

Alteration is in compliance with the IECC

Alteration Approval Date

OCT 2 9 2008

DRA Name: PFS Corporation

IHDRA- 7

Texas Industrialized Building Code Council

TDLR

NOTES:
1. MOUNT ALL OUTLET BOXES TO 16" AFF TO TOP OF BOX.
4. 3-TUBE LIGHT FIXTURE IS FIGURED AS 92 FIXTURE WATTS

ELECTRICAL PLAN

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: NORTEX5664 ELECTRICAL PLAN	
DATE: 10/3/2008	SCALE: 1/8" = 1'-0"	DWG# NORTEX5664	SHEET: E-101

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

PANEL SP-1 200 AMP 2-POLE 120V/240V SINGLE PHASE MAIN BREAKER LOAD CALCULATIONS

LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS	LEG B-WATTS
A	1	HVAC	47.00		5,640.00	
A	2	HVAC	47.00	-	5,640.00	-
B	3	HVAC		47.00		5,640.00
B	4	HVAC	-	47.00	-	5,640.00
A	5	LIGHTS,PORCH,EMG	9.38		1,125.80	
A	6	RECEPTS	13.50	-	1,620.00	-
B	7	RECEPTS	-	15.00	-	1,800.00
B	8	LIGHTS	-	9.24		1,108.80
A	9	RECEPTS	13.50		1,620.00	
A	10	NOT USED		-	-	-
B	11	NOT USED	-		-	-
B	12	NOT USED				-
			130.38	118.24	15,645.80	14,188.80

AMPS	118.24	TOTALS	29,834.60	WATTS
W /20%	141.89		35,801.52	W/ 20%
150AMP	OK	DIFF B-A	(1,457.00)	WATTS
		+/- 20%	-4.07%	OK

SP-1 PANEL MARKUP, WIRE AND BREAKER SIZING.

MIN WIRE SIZE		200 AMP 2-POLE 120V/240V MAIN BREAKER SINGLE PHASE							MIN WIRE SIZE
		BREAKER	LEG	"A" CKT	"B" CKT	LEG	BREAKER		
6	3 TON 10KW HVAC UNIT	60	A	1	2	A	60	3 TON 10KW HVAC UNIT	6
		2P	B	3	4	B	2P		
12	LIGHTS, PORCH, EMG.	20	A	5	6	A	20	RECEPTS	12
12	RECEPT	20	B	7	8	B	20	LIGHTS	12
12	RECEPTS	20	A	9	10	A		NOT USED	

PANEL SP-2 200 AMP 2-POLE 120V/240V SINGLE PHASE MAIN BREAKER LOAD CALCULATIONS

LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS	LEG B-WATTS
A	1	HVAC	47.00		5,640.00	
A	2	HVAC	47.00	-	5,640.00	-
B	3	HVAC		47.00		5,640.00
B	4	HVAC	-	47.00	-	5,640.00
A	5	E-MAX	22.90		2,748.00	
A	6	E-MAX	22.90	-	2,748.00	-
B	7	E-MAX	-	22.90	-	2,748.00
B	8	E-MAX	-	22.90		2,748.00
A	9	RECEPTS	15.00		1,800.00	
A	10	RECEPTS	12.00	-	1,440.00	-
B	11	LIGHTS	-	9.24	-	1,108.80
B	12	LIGHTS		11.57		1,388.20
A	13	RECEPT	15.00		1,800.00	
A	14	NOT USED			-	
B	15	NOT USED				-
B	16					-
A	17			-	-	-
			181.80	160.61	21,816.00	19,273.00

AMPS	160.61	TOTALS	41,089.00	WATTS
W /20%	192.73		49,306.80	W/ 20%
200AMP	OK	DIFF B-A	(2,543.00)	WATTS
		+/- 20%	-5.16%	OK

SP-2 PANEL MARKUP, WIRE AND BREAKER SIZING.

MIN WIRE SIZE		200 AMP 2-POLE 120V/240V MAIN BREAKER SINGLE PHASE							MIN WIRE SIZE
		BREAKER	LEG	"A" CKT	"B" CKT	LEG	BREAKER		
6	3 TON 10KW HVAC UNIT	60	A	1	2	A	60	3 TON 10KW HVAC UNIT	6
		2P	B	3	4	B	2P		
10	E MAX-HEATER	30	A	5	6	A	30	E-MAX HEATER	10
		2P	B	7	8	B	2P		
12	RECEPTS	20	A	9	10	A	20	RECEPTS	12
12	LIGHTS	20	B	11	12	B	20	LIGHTS	12
12	RECEPTS	20	A	13	14	A		NOT USED	

Alteration is in compliance with the IEBC

Alteration Approval Date

OCT 23 2008

DRA Name: PFS Corporation

IHDRA- 7

Texas Industrialized Building Code Council

TDLR

AMPS EA.		ITEM	WATTS EA
1.5		RECEPTS	180
0.77	BULBS 32 WATT	LIGHTS 2'X4' 3-TUBE T-8	92
0.8		90 CFM EXHAUST FAN	96
0.31	BULBS 32 WATT	LIGHT 2'X2' U-TUBE T-8	38
0.0333333		EMERGENCY/EXIT	4
0.1083333		PORCH LIIGHT	13
22.9		EeMAX	2633.5
59		HVAC	7080
			0
			0
			0

ELECTRICAL PANELS/LOADS

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR

DATE: 10/09/08

PROJECT: NORTEX MODULAR SPACE

SCALE: NTS

TITLE: 5664 ELECTRICAL PLAN

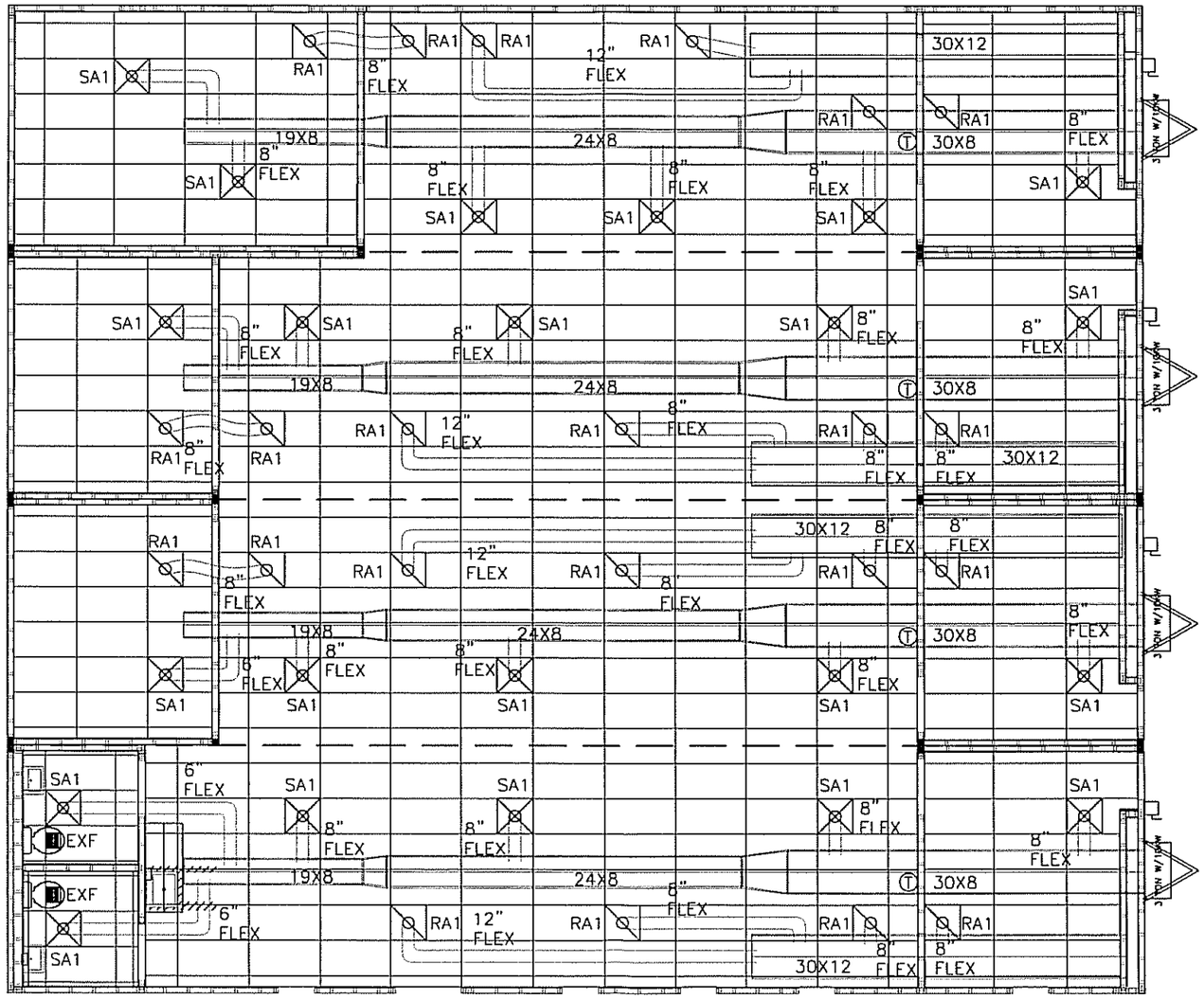
DWG# NORTEX5664

SHEET: E-102

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

MECHANICAL SCHEDULE		
DESIGNATION	DESCRIPTION	COMMENTS
SA1	2X2 SUPPLY AIR REGISTER	ADJUSTABLE
RA1	2X2 RETURN CEILING	ADJUSTABLE
T	THERMOSTAT	PROGRAMMABLE
3 TON W/10KW	BARD	

OCCUPANTS	35
CFM REQ'D EACH	20 CFM
TOTAL OUTSIDE REQD	700 CFM



MECHANICAL PLAN

NOTES:
1. FLEX DUCTS NOT TO BE CUT INTO MAIN DUCT LESS THAN 12" FROM A TRANSITION.
2. ALL DUCTS TO HAVE A R-4.3 MINIMUM VALUE.

NORTEX# 14640207D-1710
PRE-TX00B380
TDLR-50329

Alteration is in compliance with the IEBC
Alteration Approval Date
OCT 31 2008
DRA Name: PFS Corporation
IHDRA: 7
Texas Industrialized Building Code Council
TDLR

NORTEX# 14640207C-1711
PRE-TX00B381
TDLR-50330

NORTEX# 14640207B-1712
PRE-TX00B382
TDLR-50331

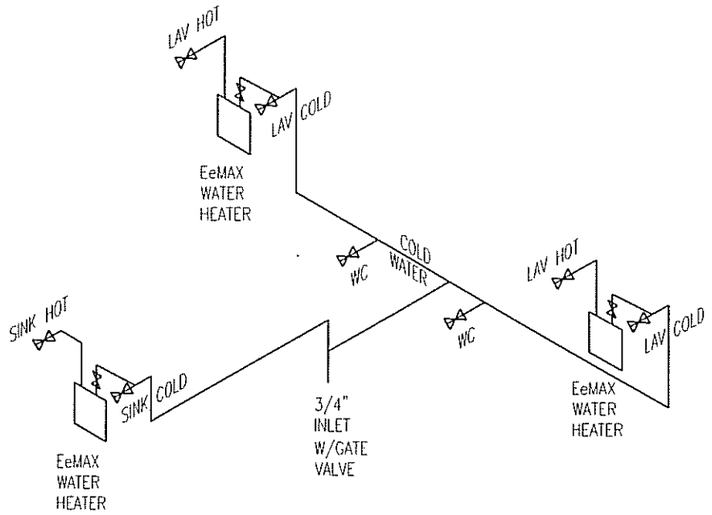
NORTEX# 14640207A-1713
PRE-TX00B383
TDLR-50332

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

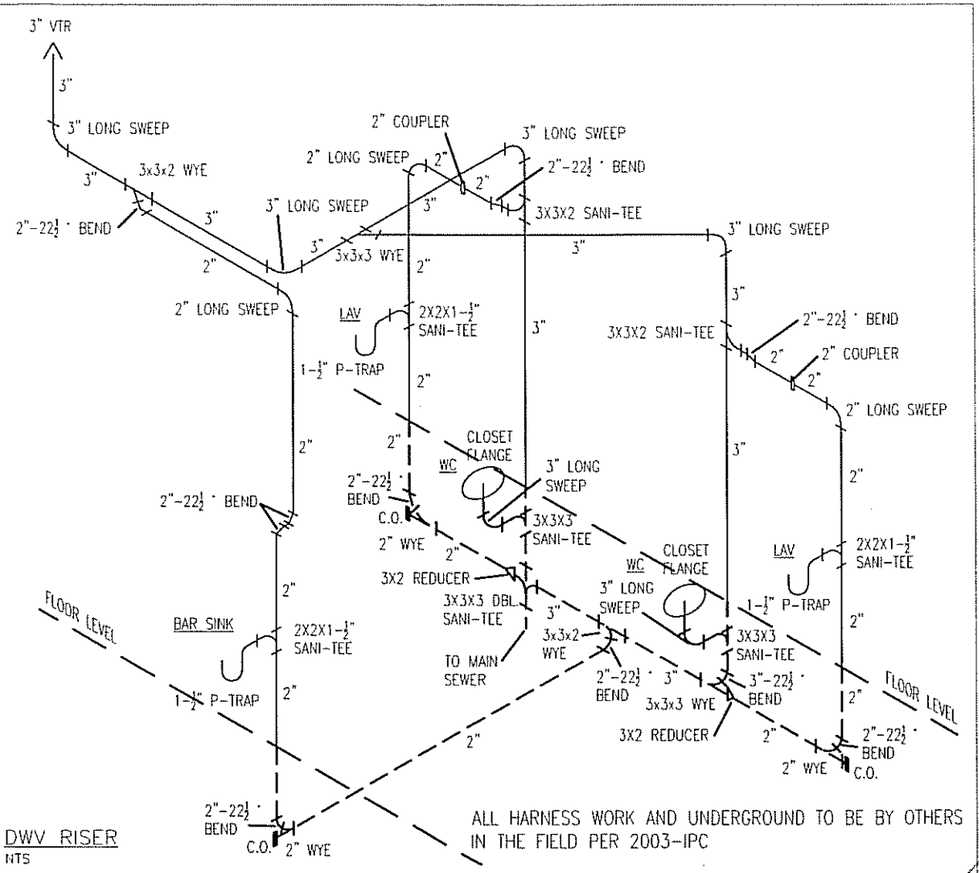
DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 5664 MECHANICAL PLAN	
DATE: 10/08/08	SCALE: 1/8" = 1'-0"	DWG# 5664	SHEET: M-101

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



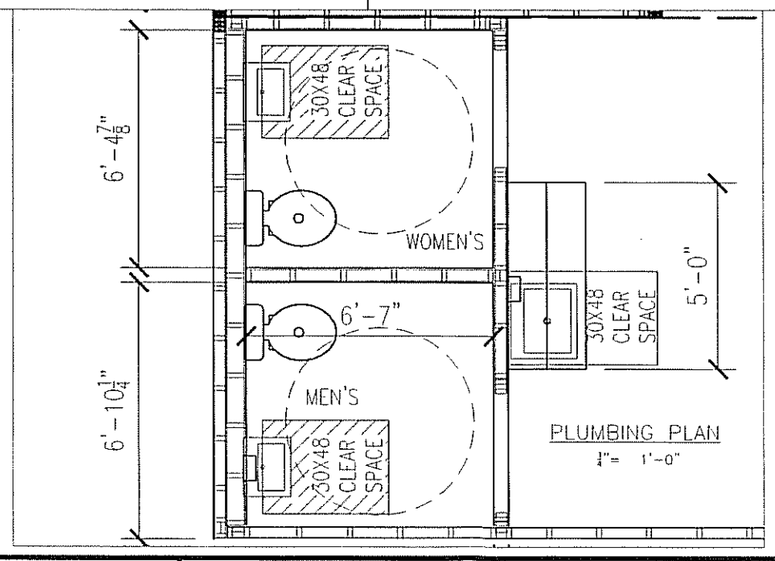
SUPPLY RISER
NTS

ALL SUPPLY LINES ARE $\frac{3}{4}$" EXCEPT AS NOTED. ALL STUB-OUTS ARE $\frac{3}{8}$" EXCEPT AS NOTED. ALL SUPPLY LINES OVER $\frac{3}{4}$" SHALL BE COPPER



DWV RISER
NTS

ALL HARNESS WORK AND UNDERGROUND TO BE BY OTHERS IN THE FIELD PER 2003-IPC



PLUMBING PLAN
¼"= 1'-0"

NOTES:
1. 36" AND 42" GRAB BARS ARE 35" AFF TO CENTER.
2. BATHROOM SINK TO BE MOUNTED 31 1/2" AFF TO BRACKET TOP.
3. SEE SHEET A-601 FOR OTHER DETAILS.
4. LOCATE EeMAX UNDER SINK AS HIGH AS POSSIBLE.

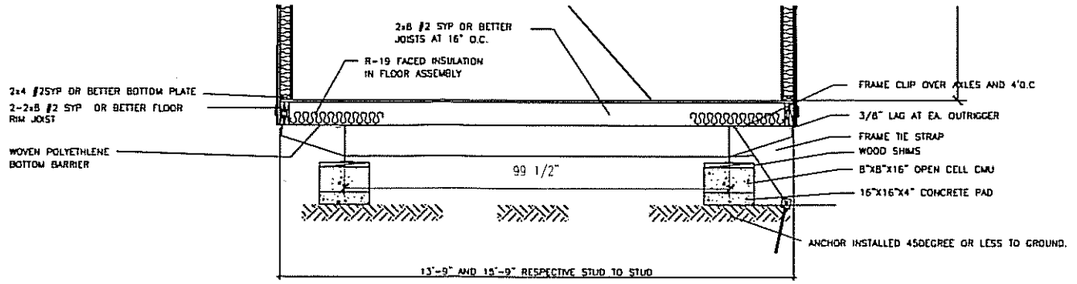
Alteration is in compliance with the IEBC
Alteration Approval Date
OCT 8 '
DRA Name: PFS Corporation
IHDRA- 7
Texas Industrialized Building Code Council
TDLR

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

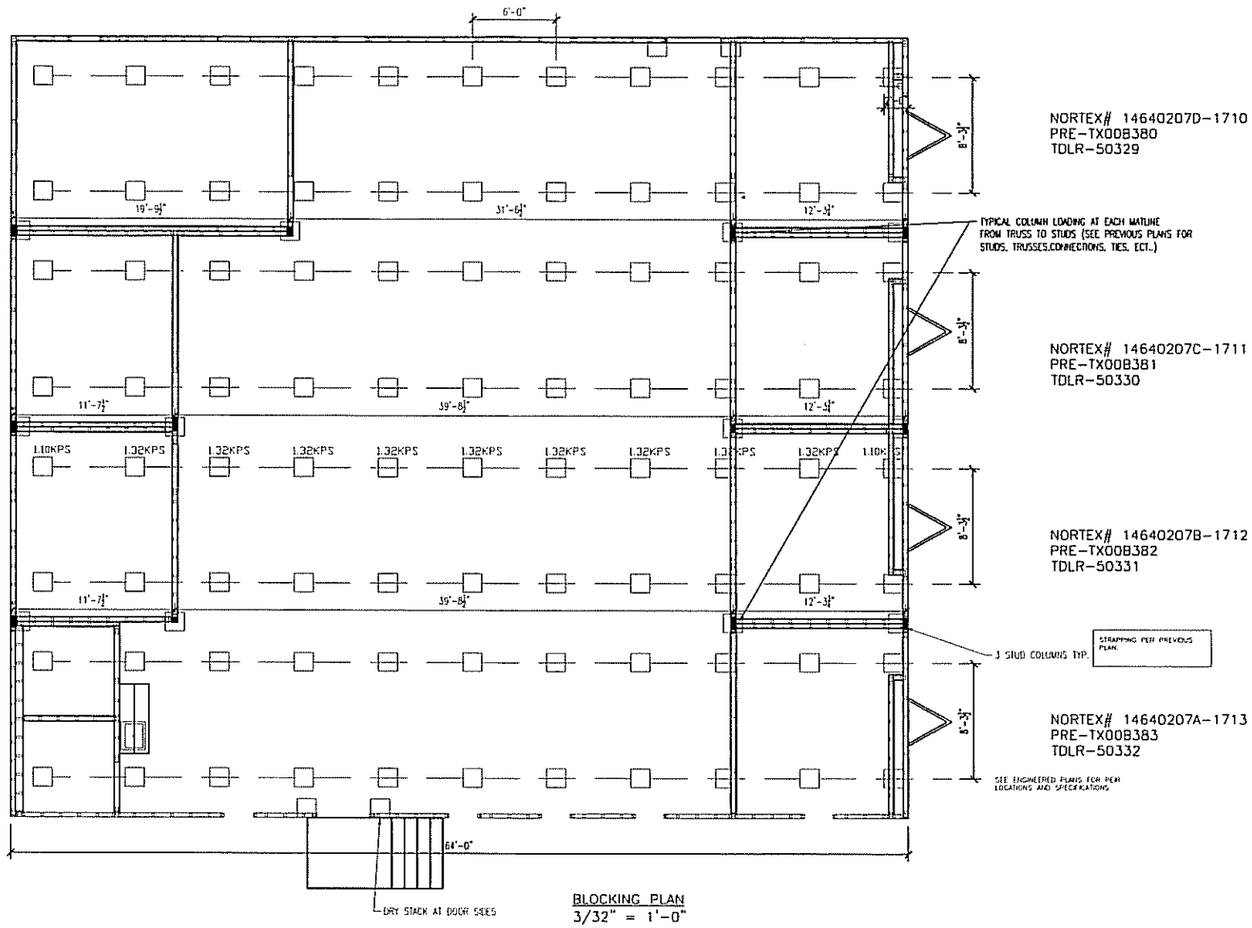
LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 10/07/08
PROJECT: NORTEX MODULAR SPACE
SCALE: AS NOTED
TITLE: 5664 PLUMBING PLAN
DWG# 5664
SHEET: P-101

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



BLOCKING @ ENDS
NTS



BLOCKING PLAN
3/32" = 1'-0"

NORTEX# 14640207D-1710
PRE-TX008380
TDLR-50329

NORTEX# 14640207C-1711
PRE-TX008381
TDLR-50330

NORTEX# 14640207B-1712
PRE-TX008382
TDLR-50331

NORTEX# 14640207A-1713
PRE-TX008383
TDLR-50332

Alteration is in compliance with the IEBC
Alteration Approval Date
[illegible] 2008
DRA Name: PFS Corporation
IHDRA- 7
Texas Industrialized Building Code Council
TDLR

SOIL ASSUMED TO BE 2500 PSI.
BLOCKING IS 8"X16" CMU ON A 16"X16"X4" CONCRETE PAD.
BLOCKING 6'-0" O.C. FOR 50PSF FLOOR LOAD.

JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 5664 BLOCKING PLAN	
DATE: 10/09/08	SCALE: AS NOTED	DWG# 5664	SHEET: S-101

NORTEX MODULAR SPACE
555 JUBILEE LANE
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PHONE: 972-492-4040
FAX: 972-492-2704