DESIGN CRITERIA:

PROJECT NAME: NORTEX RECERTIFICATION OFFICE
BUILDING SQUARE FOOTAGE: 2640 SF
CODES
NEC-2005
IBC-2003
IMC-2003
IEEC-2003
TAS-1994
USE GROUP: B
CONSTRUCTION TYPE: IBC: V-B
OCCUPANT LOAD: 45
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:	110 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.

BLOCKING NOTES:

1. TIE DOWN BLOCKING AND 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 RESPONSIBILITY OF OTHERS.

IDENTIFICATION

DECALS: RECERTIFICATION, MANUFACTURERS NEW DATA PLATE,NORTEX,PFS,MBI.
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 STURDI-FLOOR
UNDERLAYMENT:	N/A
COVERING:	TBD
BASE COVE:	4" RUBBER (6" IN RESTROOMS): COLOR= GREY

EXTERIOR WALLS:

SIDEWALL HIEGHT: 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-15 UNFACED
SHEATHING: 7/16" OSB
SIDING: 1/4" HARDIE-STUCCO COLOR: SEE SHEET A-201
TRIM: 1X4 HARDIE COLOR: SEE SHEET A-201
SKIRTING: SHIP LOOSE: 14 4X12 SHTS HARDIE PAINTED TO MATCH BODY IF ORDERED
IF SKIRTING IS ORDERED, 12"X12"VENTS TO BE SHIPPED WITH MATE: 18

INTERIOR WALLS:

WALL HEIGHT: : 9'-3"
STUDS: 2X4 #2SYP 16"O.C.
TOP PLATES: SINGLE 2X4 #2SYP
BOTTOM PLATE: SINGLE 2X4 #2SYP
INSULATION: PREVIOUS R-11 UNFACED, NEW WALLS IS 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: (8) 24"X52" V.S. BRONZE FRAME/CLEAR LOW E GLASS
BRAND: HR MIN. ENERGY VALUES: U-FACTOR =.66 SHGC=.65
COVERING: (8)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/IC 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:	36" X 80" REDI-FRAMES AND SC WOOD DOORS W/VISION PANEL
	NO VISION PANEL AT BATHROOM DOORS
HARDWARE:	LEVER HANDLES AT OFFICES WITH ENTRY HARDWARE
	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 LAY IN PANELS
INSULATION:	PREVIOUS R-19 WITH NET HOLDING
PLENUM:	N/A
VENTS:	1" ABOVE RAFTER INSULATION

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
9689
REGISTERED
ENGINEER

ELECTRICAL:

SERVICE:	120/240V SINGLE PHASE
LOAD CENTER:	(1) 200 AMP, INT MOUNT LOAD CNT. W/ #6 BARE GROUND
	(2)100 AMP, INT MOUNT LOAD CNT. W/ #6 BARE GROUND
ENTRANCE:	2 " NIPPLE DOWN
WIRING:	MC CABLE W/#12 (#6 AT HVAC)
LIGHTS:	(28) 48" T-8 (2) TUBE 32 WATT FLOUR. FIXTURES (48 FIXTUREWATTS)
	(3) 24" T-8 (U) TUBE 32 WATT FLOUR. FIXTURES (38 FIXTUREWATTS)
	(2) PHOTO CELL EXTERIOR 13 WATT @ 860 LUMENS = 66 LUMEN PER WATT
FANS:	(2) 90 CFM FANS (1) IN EACH BATHROOM
SURGE PROTECT:	N/A
EXIT/EMERG. LIGHT:	EXIT/EMERGENY LIGHT 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 OPEN AREA
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) EeMAX 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:	(3) 3 TON WITH 10KW HEAT STRIP W/ 60AMP OUTSIDE DISCONNECT.
	BRAND: BARD COLOR: TAN
EFFICIENCY:	SEER 13, EER 9.2 > MINUMUM SEER 9.7 PER 2003 IECC TABLE 803.2.2(1)
THERMOSTAT:	(3) PROGRAMABLE
DUCTS:	DUCT BOARD MAIN, FLEX TO GRILLS IN UNCOND. SPACE. R-4.3 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 ENTRANCE.

TELECOM:

STUB J BOXES ABOVE CEILING GRID.
TELECOM BY OTHERS

SERIAL NUMBERS:

NORTEX NUMBER	PREVIOUS NUMBER	TDLR NUMBER
14640207C-1707	TX00B377	50326
14640207B-1708	TX00B378	50327
14640207A-1709	TX00B379	50328

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

TRANSPORTATION:

7/16	ROOF DECK	0.0416667
2X8	ROOF RAFTER	0.6041667
5/8 GYP	UNDERSIDE RAFTER	0.0520833
10'-7 3/4"	TALLEST WALL	10.64
1/4"	FLOOR COVER	0.0208333
3/4"	FLOOR DECK	0.0625
2X8	FLOOR JOIST	0.6041667
2'-8"	TO ROAD APPROX	2.625
		14.650417 FT

TOTAL 14'-7 3/4" APPROX.
WEIGHT APPROX. 126784 LBS

ENERGY CODE COMPLIANCE

COMCHECK CERTIFICATES TO BE USED AS CHECKLIST.
2 TUBE LIGHT FIXTURE IS 48 FIXTURE WATTS
2'X2'- U TUBE FIXTURE IS 38 FIXTURE WATTS
EXTERIOR LIGHT IS 13 WATT@860 LUMENS = 66 LUMEN PER WATT.
WINDOWS ARE NFRC LABELLED AS: U=.66 AND SHGC=.65 OR BETTER

DOOR U VALUE IS DEFAULT .7

SEE PREVIOUS PLANS FOR ANY INFORMATION NOT SHOWN.

FOUNDATION PLAN IS ENGINEERED AND DESIGNED BY OTHERS.

DRAWING INDEX:

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

LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 10/17/08
PROJECT: NORTEX MODULAR SPACE
SCALE: N/A
TITLE: 4264 COVER
DWG# 4264
SHEET: G-001

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

RECERTIFICATION PLANS FOR 42X64 TDLR NUMBERS 50326 THROUGH 50328:
PREVIOUS DRAWINGS ARE INCLUDED WITH THE PACKAGE.
LIST OF DEMO AND ADDITIONAL WORK:

1. HITCH END WALLS ARE TO HAVE PLENUM WALLS INSTALLED, AND ALL ELECTRICAL OUTLETS MOVED OFF OF END WALL TO PLENUM WALL.
2. REMOVE ALL DAMAGE SHEET ROCK AND REPLACE WITH NEW VCG.
3. REMOVE ALL CEILING GRID AND REPLACE WITH NEW GRIDS AND TILES.
4. REMOVE ALL SPRINKLER SYSTEM PIPE, HEADS, ETC.. AND RECYCLE.
5. REMOVE ALL CEILING DUCT AND REPLACE WITH NEW DUCTS AND GRILLS PER LAYOUT.
6. REMOVE ROOF TOP HVAC'S AND FRAME IN OPENING, DECK AND REPAIR EPDM. INSTALL (3) NEW 3 TON UNITS W/10KW AT HITCH ENDS.
7. REMOVE ALL CEILING ELECTRICAL. RERUN ELECTRICAL AS PER NEW PLANS.
8. REMOVE SERVICE PANELS, AND REPLACE WITH SINGLE PHASE PER NEW CALCULATIONS.
9. REMOVE ALL SINGLE POLE SWITCHES AND REPLACE WITH OCCUPANCY SENSORS.
10. REMOVE ALL EXTERIOR DOORS AND REPLACE WITH STEEL FRAME/STEEL DOORS WITH VISION PANEL.
11. REMOVE INTERIOR NON LOAD BEARING WALLS AT ENDS AND INSTALL NEW WALLS AT MATELINES TO MATCH NEW FLOOR PLAN.
12. REMOVE ALL BATHROOM FIXTURES, FLOORING, STALLS, ETC.. REPAIR WALLS, FILL IN WALL OPENINGS, REARRANGE BATHROOMS AS PER NEW PLAN.
13. (THIS LINE ITEM LEFT BLANK INTENTIONALLY)
14. RELOCATE INTERIOR DOORS AS SHOWN ON PLANS, ADD NEW DOORS OR REPLACE AS NEEDED.
15. ALL STRUCTURAL LOADS SHALL REMAIN THE SAME.
16. ALL STRUCTURAL CONNECTIONS EXCEPT COLUMN STRAPPING SHALL REMAIN THE SAME AS BEFORE (NO WORK IS TO BE DONE ON ANY OTHER STRUCTURAL MEMBER).
17. ADD EXTERIOR LIGHTS WITH PHOTO CELLS AT ALL EXTERIOR DOORS.
18. ADD EXIT LIGHTS AS SHOWN ON PLANS.
19. ADD CEILING OUTLETS AS SHOWN FOR FUTURE OFFICE CUBICLES AS SHOWN ON PLANS.
20. NO FLOOR FINISH IN MAIN AREA OR OFFICES TO BE INSTALLED UNTIL FUTURE CUSTOMER SPECIFIES THE FINISH AND COLORS THEY REQUIRE.
21. ADD (8) WINDOWS 24"X52" DOUBLE PANE LOW "E" AS SHOWN ON PLANS WITH (2) 2X6 HEADERS.
22. REPAIR EXTERIOR AS NEEDED. INSTALL NEW 7/16" OSB AS NEEDED AND 1/4" HARDIE SIDING AS REQUIRED FOR A STUCCO FINISH.
23. PRE ASSEMBLY UNITS IN YARD AND DRY IN DURING THE REMODEL.
24. RETURN AIR SHALL BE VIA A DUCT FROM THE PLENUM WALL TO THE MAIN OPEN AREA, THEN JUMP DUCTS AS SHOWN ON THE PLANS.
25. INSTALL A WP GFCI 120V ON HITCH END OF EACH UNIT PER NEW PLANS.
26. INSTALL EMPTY "J" BOXES WITH 3/4" CONDUIT STUBBED ABOVE CEILING FOR FUTURE TELCOM WORK AS SHOWN ON PLANS.

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
18689
REGISTERED
PROFESSIONAL ENGINEER
11-4-08

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 I 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.

I) 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.

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 lank is raised to the shut-off level and held there.

4) All shut-off valves in the piping system are opened filly. (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.

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.

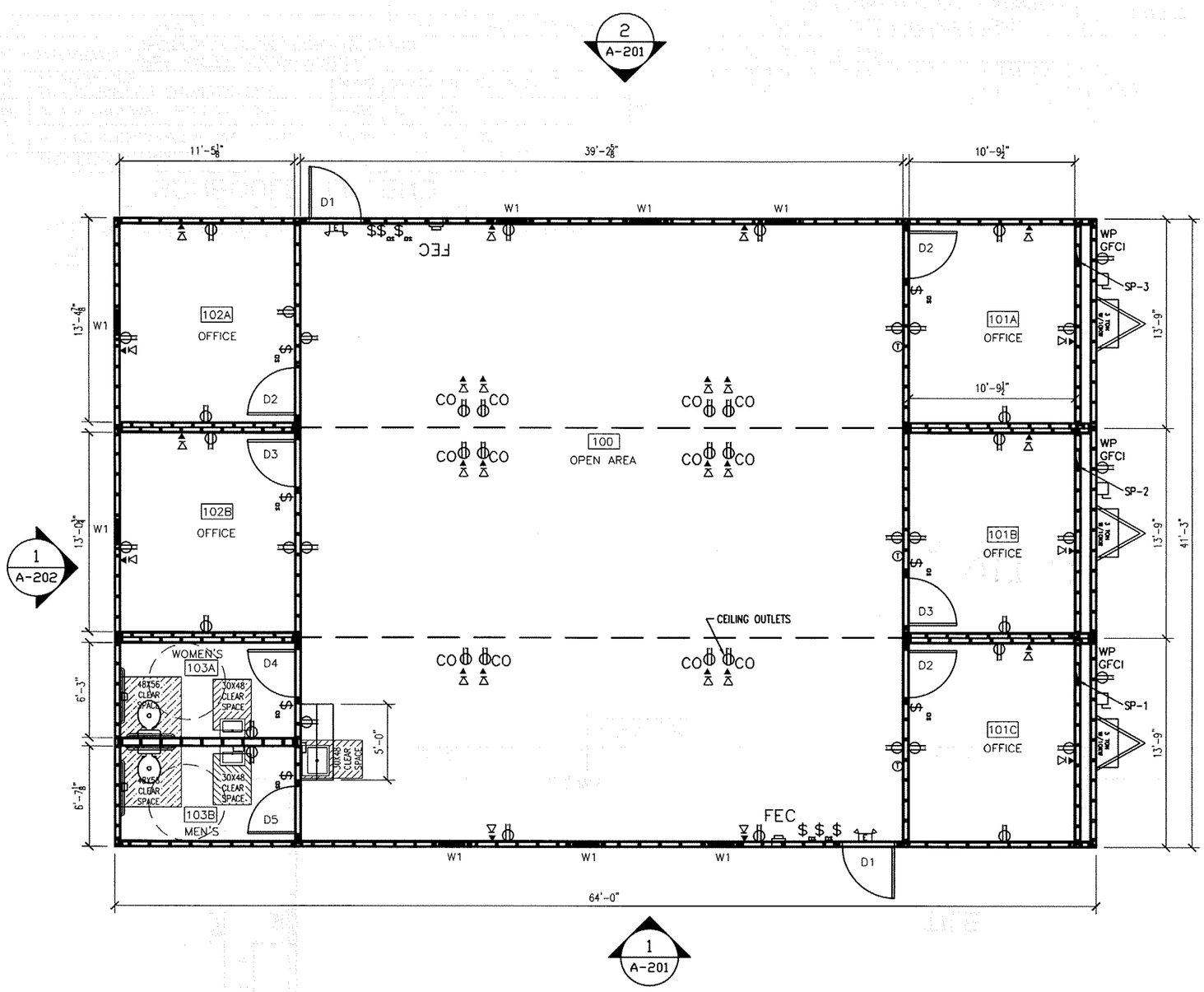
4) Failure requires repair and re-test.

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: 4264 DEMO AND JPWORK	
DATE: 10/17/08	SCALE: N/A	DWG# 4264	SHEET: G-002

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



14640207C-1707
PRE-TX00B377
TDLR-50326

14640207B-1708
PRE-TX00B378
TDLR-50327

2
A-202

14640207A-1709
PRE-TX00B379
TDLR-50328

AREA SCHEDULE

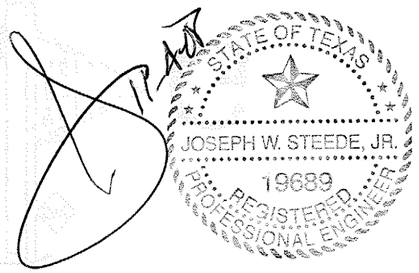
DESIGNATION	DESCRIPTION	FLOOR AREA	FLOOR	WALL	CEILING	BASE
100	OPEN	1581	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
101	OFFICE	141	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
102	OFFICE	149	TBD	⅝" VINYL COVERED GYPSUM TYPE X	2'X4' LAY IN	4" RUBBER BASE
103	RESTROOMS	71	TILE	⅝" VINYL COVERED GYPSUM TYPE X WITH 4' FRP WAINSCOT	2'X4' LAY IN	6" RUBBER BASE

EXTERIOR DOOR SCHEDULE

DESIGNATION	SIZE	DOOR MATERIAL	FRAME	RO	QTY
D1	3068L	STEEL W/ PENCIL VISION W/CLOSURES	STEEL	40½" X 82½"	2
D2	3068R	1-¾" SC MOHAWK W/ PENCIL VISION	STEEL	37½" X 81½"	3
D3	3068L	1-¾" SC MOHAWK W/ PENCIL VISION	STEEL	37½" X 81½"	2
D4	3068L	1-¾" SC MOHAWK	STEEL	37½" X 81½"	1
D5	3068R	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"	8



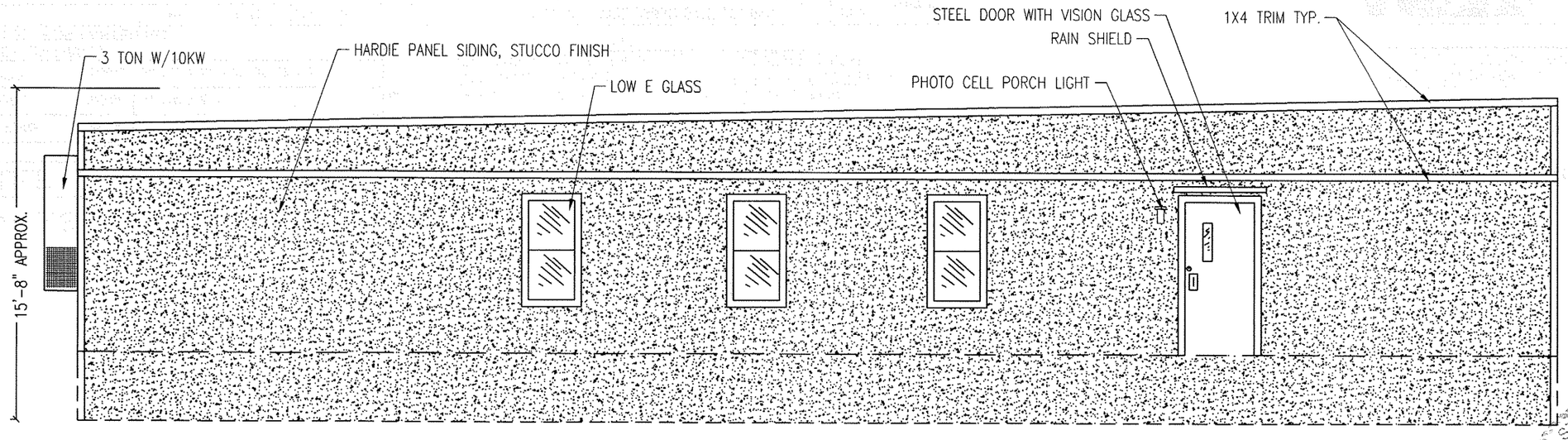
FLOOR PLAN

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

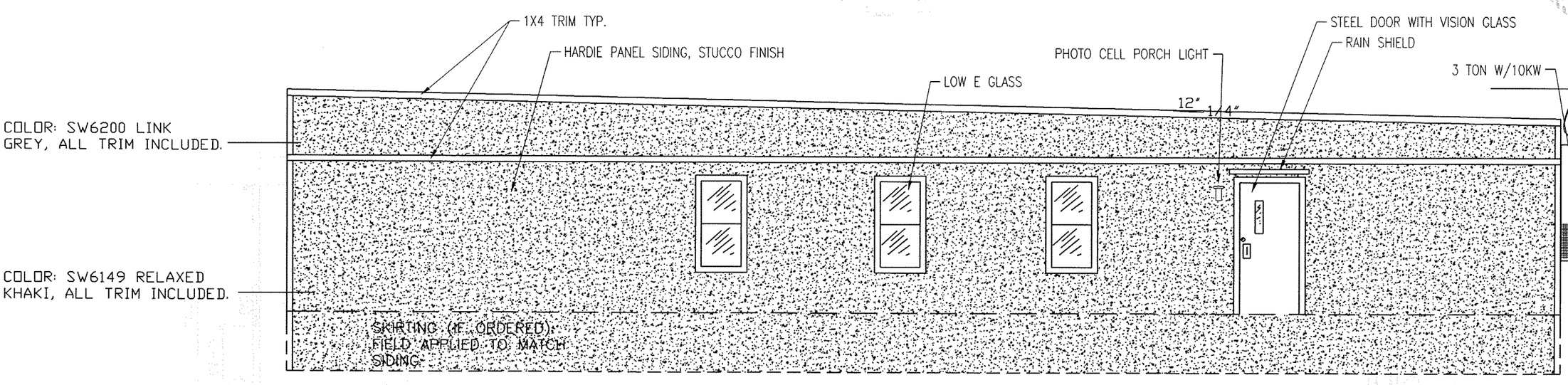
LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 01/27/08
PROJECT: NORTEX MODULAR SPACE
SCALE: 1/8" = 1'-0"
TITLE: 4264STOCK FLOOR PLAN
DWG# 4264STOCK
SHEET: A-101

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



ELEVATION #2



ELEVATION #1

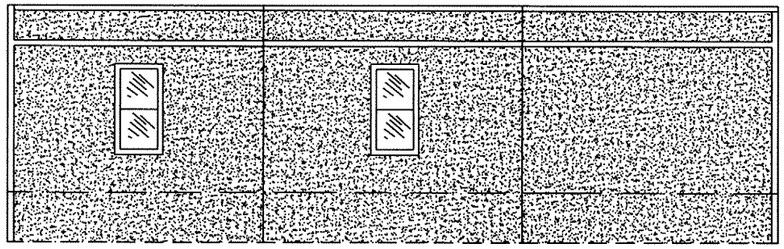
STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER
11-4-08

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

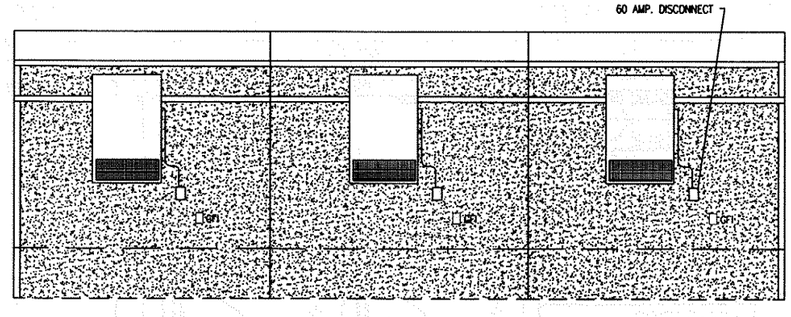
LTR	REVISION	BY	DATE

DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 4264 ELEVATIONS	
DATE: 10/13/08	SCALE: 3/32" = 1'-0"	DWG# 4264	SHEET: A-201

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



ELEVATION #1



ELEVATION #2

11-4-08

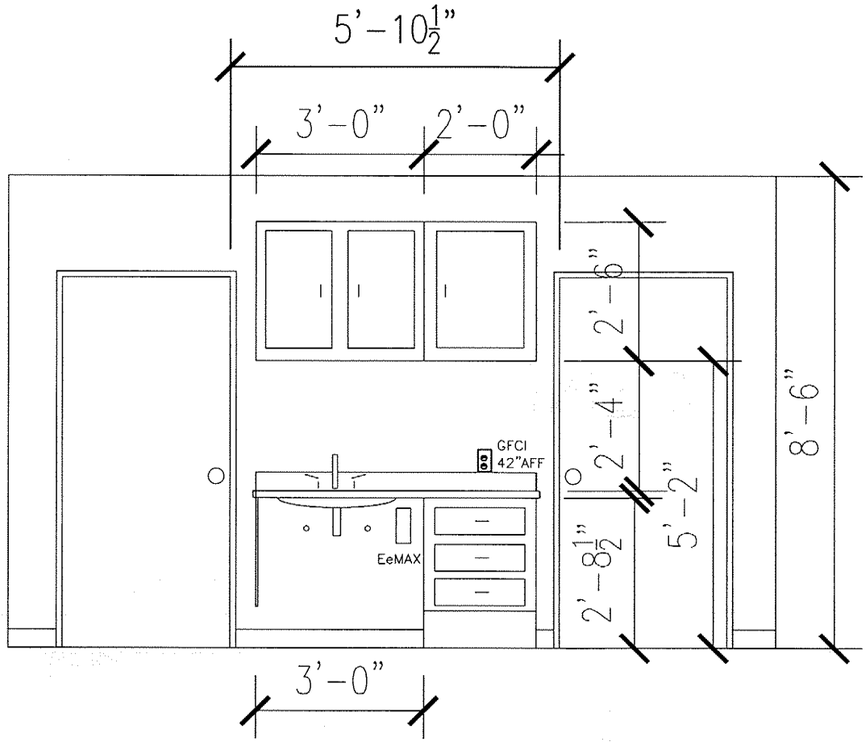
STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER

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: 4264 ELEVATIONS	
DATE: 10/14/08	SCALE: 1/8"= 1'-0"	DWG# 4264	SHEET: A-202

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



INTERIOR ELEVATION @ COFFEE BAR

11-4-08

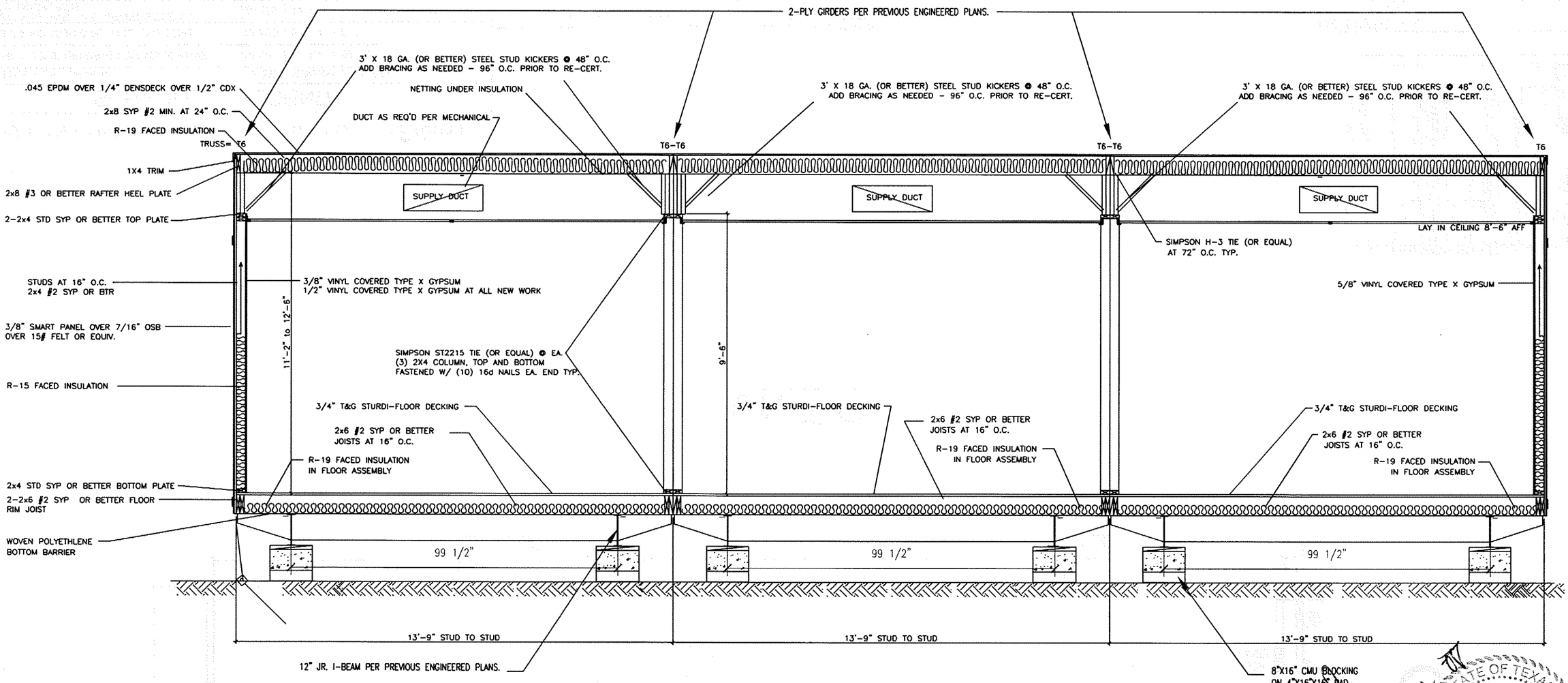
STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER

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: 10/14/08	SCALE: 3/8"= 1'-0"	DWG# 4264	SHEET: A-203

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



SECTION VIEW

Note: Custom Ridge Beam Truss by others.
J.W. STEEDE P.E

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER

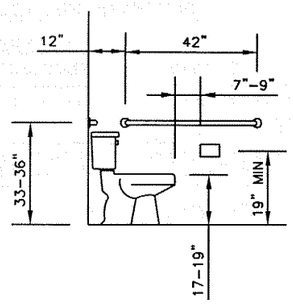
JOE STEEDE, P.E.
13999 GOLDMARK, SUITE 374
DALLAS, TX 75250 PHONE 972-238-1611

LTR	REVISION	BY	DATE

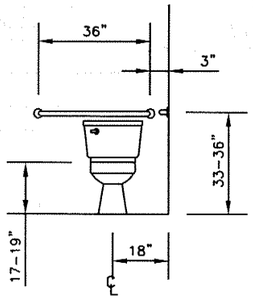
DRAWN BY: JLR	PROJECT: NORTEX MODULAR SPACE	TITLE: 4264 SECTION	
DATE: 10/14/08	SCALE: 5/16" = 1'-0"	DWG# 4264	SHEET: A-301

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

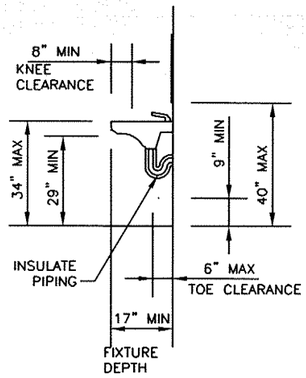
ADA DETAILS



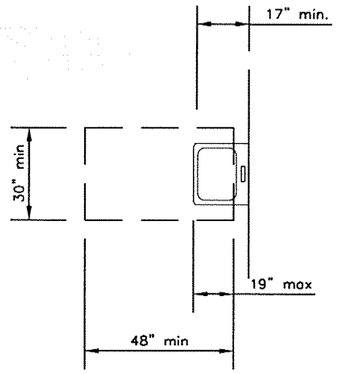
WATER CLOSET
SIDE VIEW



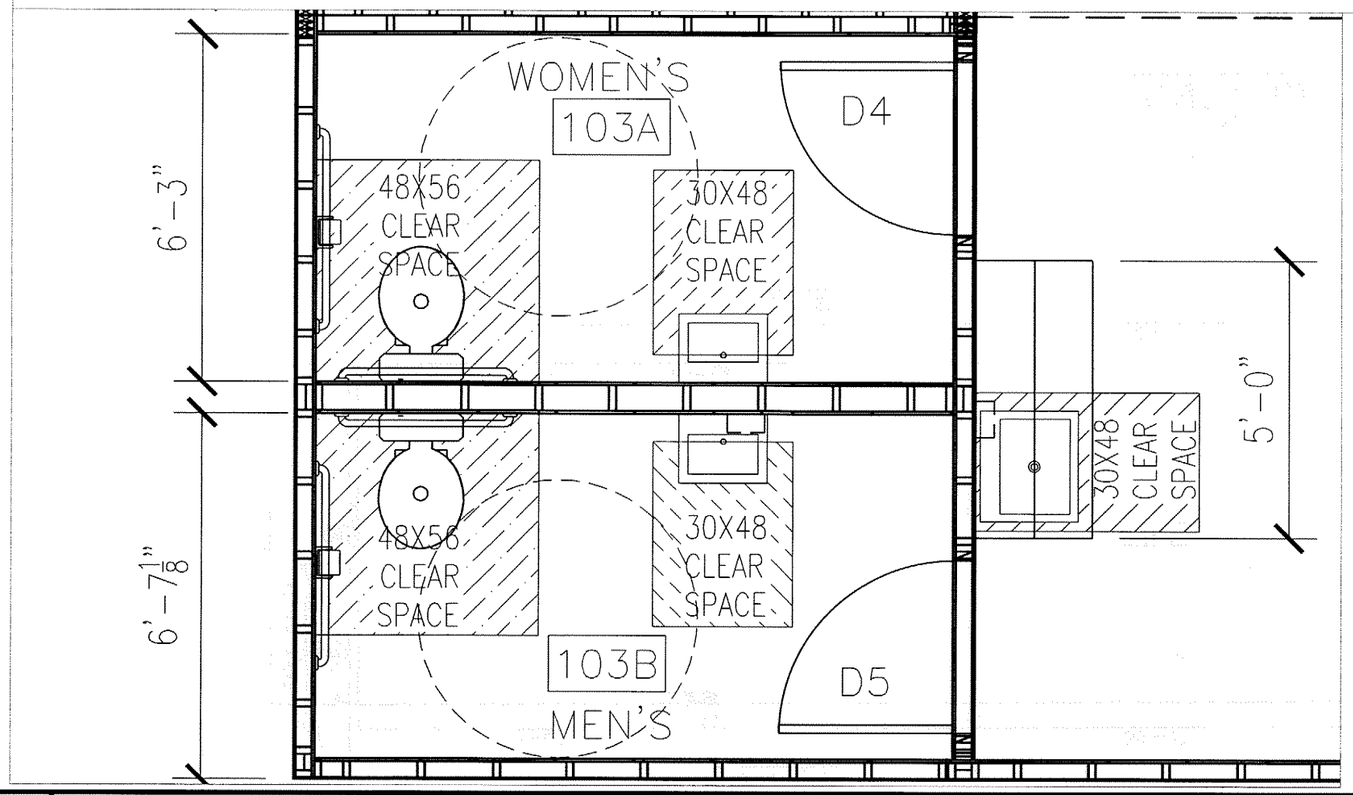
WATER CLOSET
FRONT VIEW



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.

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED
PROFESSIONAL ENGINEER

11/4/08

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: 4264 ADA	
DATE: 10/14/08	SCALE: 3/8"=1'–0"	DWG# 4264	SHEET: A–601

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

CALCULATIONS

LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS	LEG B-WATTS
A	1	HVAC	59.00		7,080.00	
A	2	NOT USED		-	-	-
B	3	HVAC		59.00		7,080.00
B	4	NOT USED	-		-	-
A	5	RECPTS,PORCH,EMG	3.14		376.80	
A	6	RECEPTS	6.00	-	720.00	-
B	7	LIGHTS, FANS	-	2.22	-	266.40
B	8	GFI RECEPTS	-	4.50		540.00
A	9	E-MAX	22.90		2,748.00	
A	10	E-MAX	22.90	-	2,748.00	-
B	11	E-MAX	-	22.90	-	2,748.00
B	12	E-MAX		22.90		2,748.00
A	13	RECEPTS	9.00		1,080.00	-
			122.84	111.52	14,752.80	13,382.40

AMPS	111.52	TOTALS	28,135.20	WATTS
W /20%	133.82		33,762.24	W/ 20%
225 AMP	OK	DIFF B-A	(1,370.40)	WATTS
		+/- 20%	-4.06%	OK

PANEL SP-2 100 AMP 2-POLE 120V/240V SINGLE PHASE MAIN BREAKER

CALCULATIONS

LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS	LEG B-WATTS
A	1	HVAC	59.00		7,080.00	
A	2	NOT USED		-	-	-
B	3	HVAC		59.00		7,080.00
B	4	NOT USED	-		-	-
A	5	RECPTS	15.00		1,800.00	
A	6	RECEPTS	7.50	-	900.00	-
B	7	LIGHTS	-	1.60	-	192.00
B	8	NOT USED	-			-
A	9	NOT USED			-	
A	10	NOT USED		-	-	-
B	11	NOT USED	-		-	-
B	12	NOT USED				-
A	13	NOT USED			-	-
			81.50	60.60	9,780.00	7,272.00

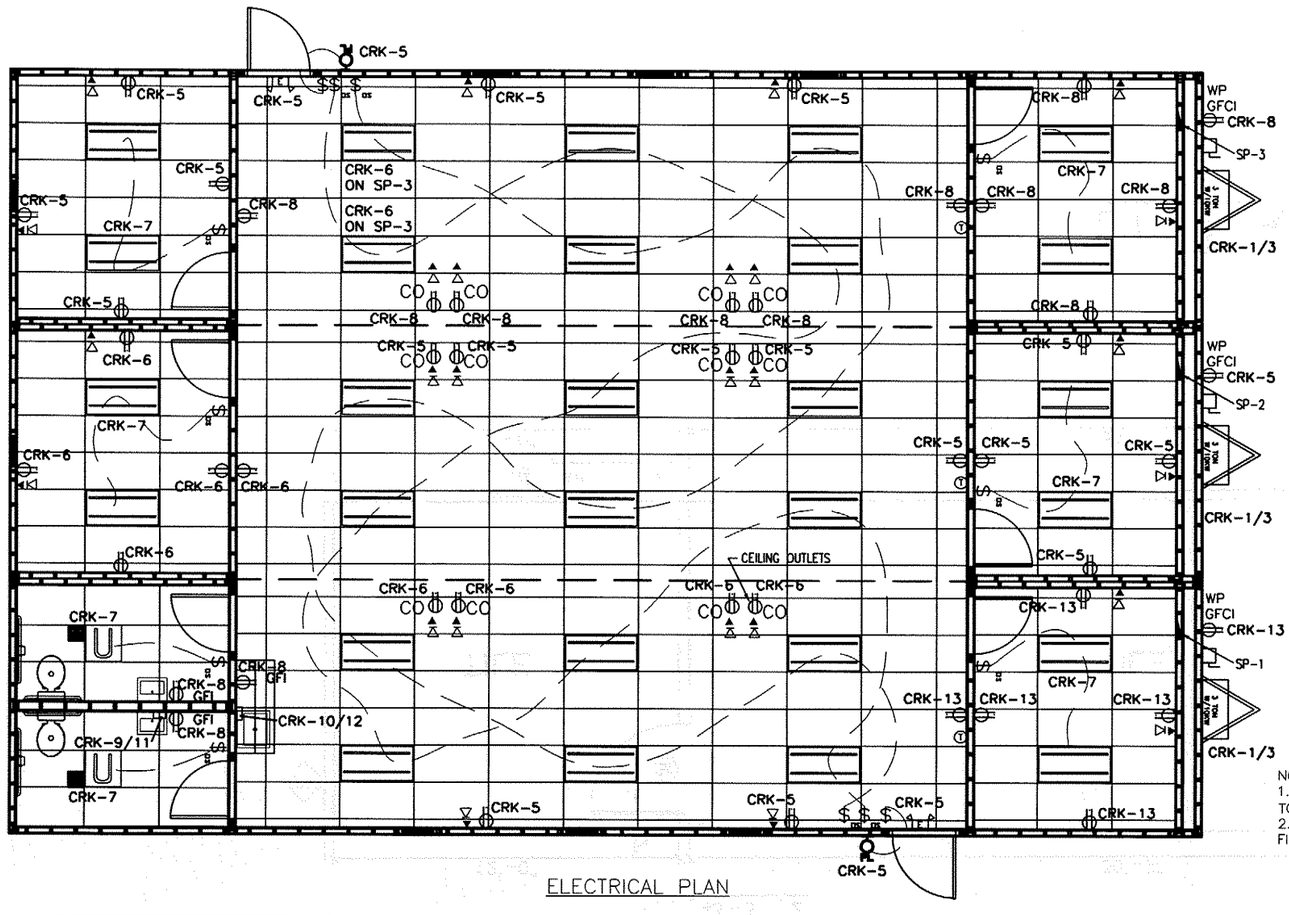
AMPS	60.60	TOTALS	17,052.00	WATTS
W /20%	72.72		20,462.40	W/ 20%
100 AMP	OK	DIFF B-A	(2,508.00)	WATTS
		+/- 20%	-12.26%	OK

PANEL SP-3 100 AMP 2-POLE 120V/240V SINGLE PHASE MAIN BREAKER

CALCULATIONS

LEG	CKT	DESCRIPTION	LEG A-AMPS	LEG B-AMPS	LEG A-WATTS	LEG B-WATTS
A	1	HVAC	59.00		7,080.00	
A	2	NOT USED		-	-	-
B	3	HVAC		59.00		7,080.00
B	4	NOT USED	-		-	-
A	5	RECPTS,PORCH,EMG	7.64		1,097.00	
A	6	LIGHTS	7.20	-	864.00	-
B	7	LIGHTS	-	1.60	-	288.00
B	8	RECEPTS	-	16.50		1,980.00
A	9	NOT USED			-	
A	10	NOT USED		-	-	-
B	11	NOT USED	-		-	-
B	12	NOT USED				-
A	13	NOT USED			-	-
			73.84	77.10	9,041.00	9,348.00

AMPS	77.10	TOTALS	18,389.00	WATTS
W /20%	92.52		22,066.80	W/ 20%
100 AMP	OK	DIFF B-A	307.00	WATTS
		+/- 20%	1.39%	OK



ELECTRICAL PLAN

14640207C-1707
PRE-TX00B377
TDLR-50326

14640207B-1708
PRE-TX00B378
TDLR-50327

14640207A-1709
PRE-TX00B379
TDLR-50328

NOTES:
1. MOUNT ALL OUTLET BOXES TO 16" AFF TO TOP OF BOX.
2. 2-TUBE LIGHT FIXTURE IS FIGURED AS 48 FIXTURE WATTS

SP-1

MIN WIRE SIZE		200 AMP 2-POLE 120V/240V MAIN BREAKER SINGLE PHASE "A" "B"							MIN WIRE SIZE
		BREAKER	LEG	CKT	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	RECEPTS, PORCH, EMG.	20	A	5	6	A	20	RECEPTS	12
12	LIGHTS/FANS	20	B	7	8	B	20	BATHROOM GFCI	12
10	E-MAX HEATER	30	A	9	10	A	30	E-MAX HEATER	10
		2P	B	11	12	B	2P		
12	RECEPTS	20	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	
	NOT USED		B	23	24	B		NOT USED	

SP-2

MIN WIRE SIZE		100 AMP 2-POLE 120V/240V MAIN BREAKER SINGLE PHASE "A" "B"							MIN WIRE SIZE
		BREAKER	LEG	CKT	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	RECEPTS	20	A	5	6	A	20	RECEPTS	12
12	LIGHTS	20	B	7	8	B		NOT USED	
12	RECEPTS	20	A	9	10	A		NOT USED	

SP-3

MIN WIRE SIZE		100 AMP 2-POLE 120V/240V MAIN BREAKER SINGLE PHASE "A" "B"							MIN WIRE SIZE
		BREAKER	LEG	CKT	CKT	LEG	BREAKER		
6	3 TON 10KW HVAC UNIT	60	A	1	2	A		NOT USED	
		2P	B	3	4	B		NOT USED	
12	RECEPTS, PORCH, EMG.	20	A	5	6	A	20	LIGHTS	12
12	LIGHTS	20	B	7	8	B	20	RECEPTS	12

		AMPS EA.	ITEM	WATTS EA
		1.5	RECEPTS	180
BULBS	32 WATT	0.4	LIGHTS 2'X4' 2-TUBE T-8	66
		0.8	90 CFM EXHAUST FAN	96
BULBS	32 WATT	0.31	LIGHT 2'X2' U-TUBE T-8	38
		0.0333333	EMERGENCY/EXIT	4
		0.1083333	PORCH LIGHT	13
		22.9	EeMAX	2633.5
		59	HVAC	7080
				0
				0
				0

- CAN LIGHT LIGHT
- 2'X4' TROUFFER LIGHT T-8 ELEC. BALLAST, 3-BULB
- EMERGENCY /EXIT COMBO LIGHT
- PORCH LIGHT
- $ SINGLE POLE LIGHT SWITCH
- $OS OCCUPANCY SENSOR SWITCH
- $D DIMMER SWITCH
- $3 3-WAY SWITCH
- SS SURGE PROTECTOR
- DUPLEX OUTLET
- SDO SURGE DUPLEX OUTLET
- WP GFCI WEATHER PROOF DUPLEX GROUND FAULT INTERUPT OUTLET
- CO CEILING OUTLET
- DATA DROP
- VOICE DROP

11-4-08

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER

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

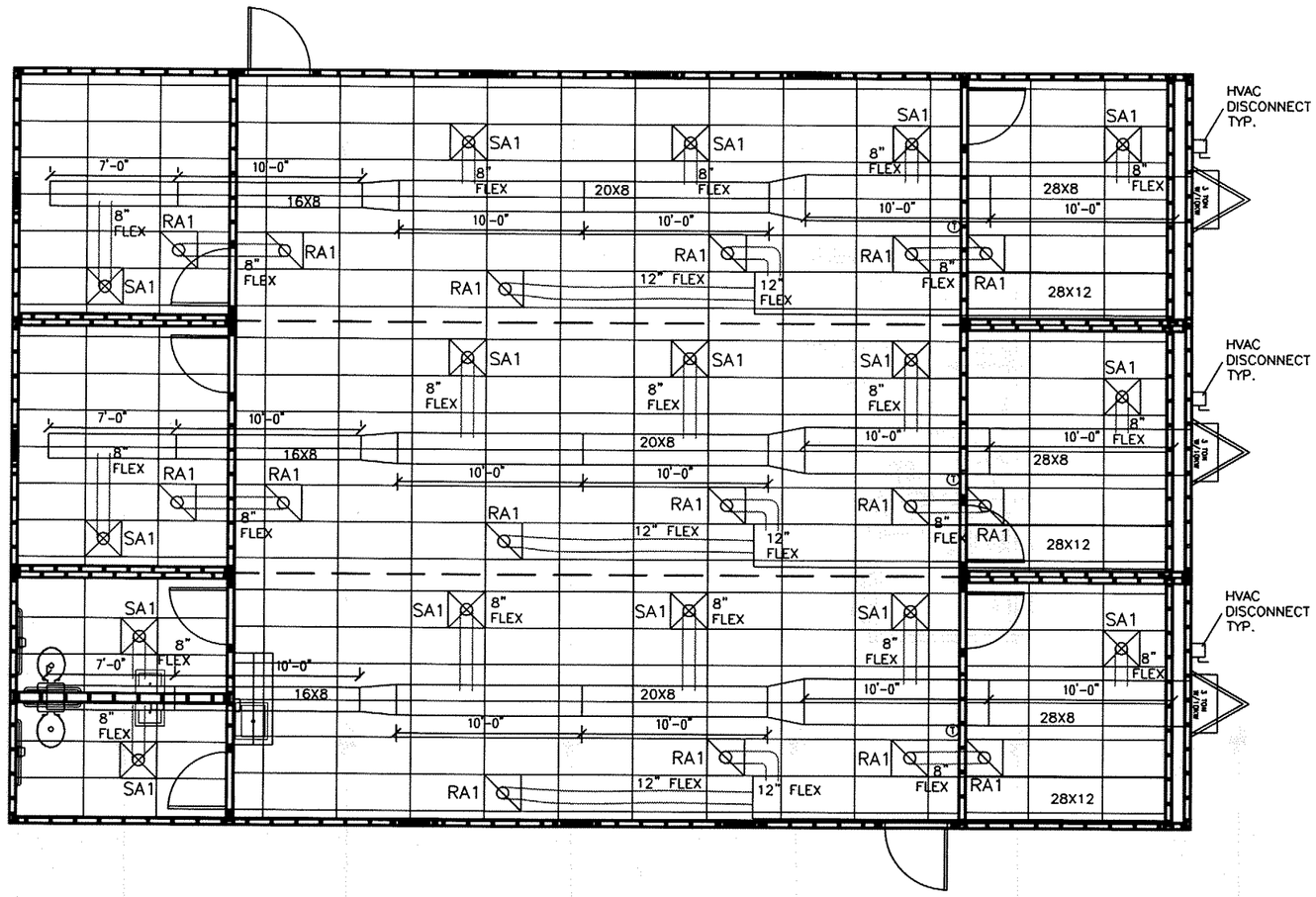
LTR	REVISION	BY	DATE

DRAWN BY: JLR
DATE: 01/29/08
PROJECT: NORTEX MODULAR SPACE
SCALE: 3/32" = 1'-0"
TITLE: 7264STOCK ELECTRICAL PLAN
DWG# 7264STOCK
SHEET: E-101

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	26	
CFM REQ'D EACH	20	CFM
TOTAL OUTSIDE REQD	520	CFM



STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED
PROFESSIONAL ENGINEER
11-4-08

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.

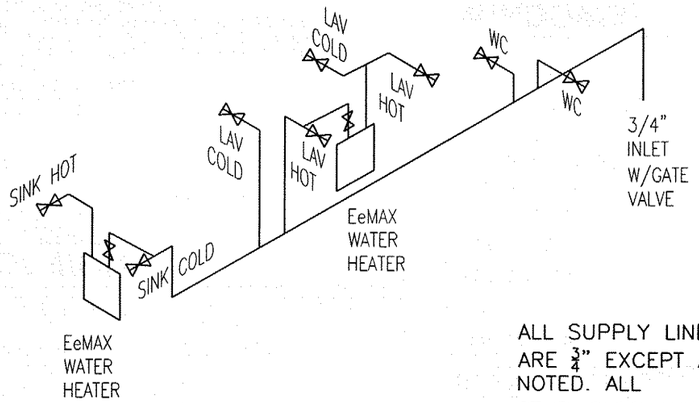
MECHANICAL PLAN

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: 7264STOCK MECHANICAL PLAN	
DATE: 11/13/07	SCALE: 3/32" = 1'-0"	DWG# 7264STOCK	SHEET: M-101

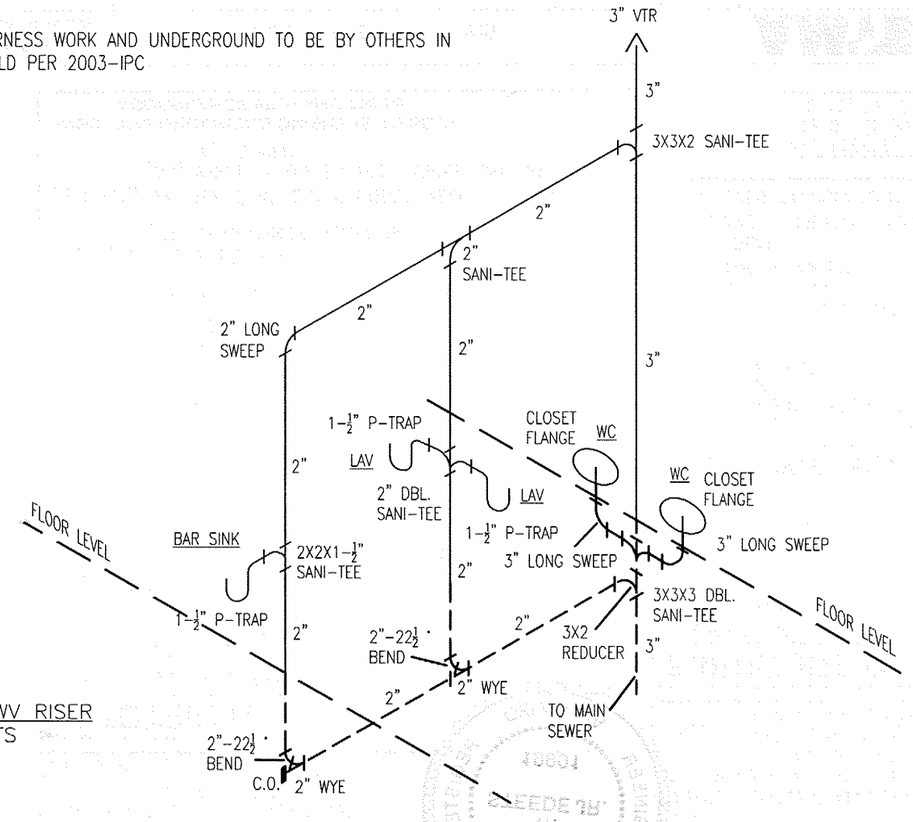
NORTEX MODULAR SPACE
555 JUBILEE LANE
LEWISVILLE,TX 75056
PHONE: 972-492-4040
FAX: 972-492-2704



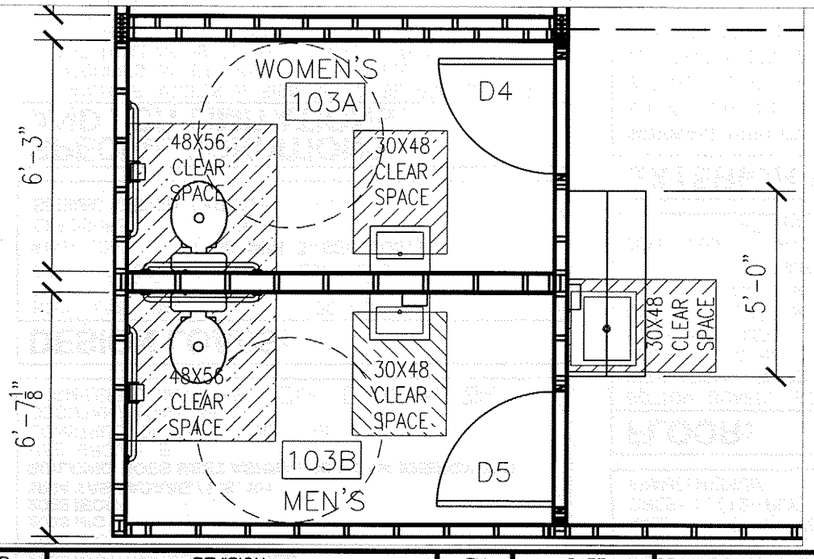
SUPPLY RISER
NTS

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

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



DWV RISER
NTS



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

PLUMBING PLAN

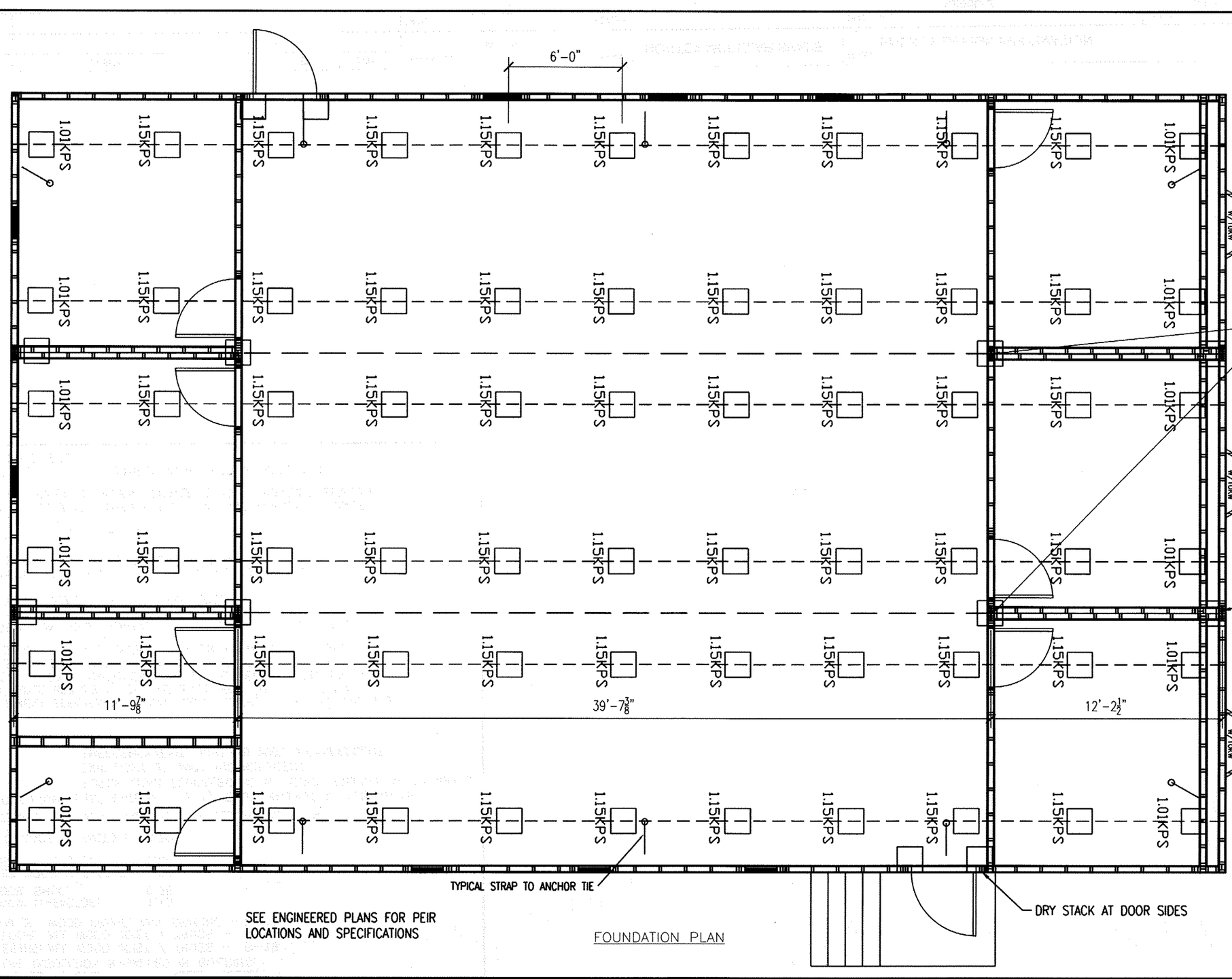
STATE OF TEXAS
JOSEPH W. STEEDE, JR.
78689
REGISTERED PROFESSIONAL ENGINEER

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: 4264 PLUMBING PLAN	
DATE: 10/16/08	SCALE: 1/4" = 1'-0" UNLESS OTHERWISE NOTED	DWG# 4264	SHEET: P-101

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



11-4-08

STATE OF TEXAS
JOSEPH W. STEEDE, JR.
19689
REGISTERED PROFESSIONAL ENGINEER

14640207C-1707
PRE-TX00B377
TDLR-50326

TYPICAL COLUMN LOADING AT EACH MATELINE FROM TRUSS TO STUDS. SEE PREVIOUS PLANS FOR STUDS, TRUSSES, TIES, ETC. SEE A-301 FOR COLUMN STRAPPING

14640207B-1708
PRE-TX00B378
TDLR-50327

(3) 2X4 STUD COLUMNS TYP.
(STRAPPING PER A-301)

14640207A-1709
PRE-TX00B379
TDLR-50328

NOTES;
1. SOIL ASSUMED AT 2500 PSI
2. BLOCKING IS 8"X8"X16" CMU ON A 16"X16"X4" CONCRETE PAD.
3. PAD SPACING 6'-0" O.C. FOR 50 PSF FLOOR LOADS.
4. FRAME TIES TO BE (3) EACH PER 64' SIDE, AND (2) EACH PER 41'-3" SIDE.
5. ANY ADDITIONAL TIE STRAPS REQUIRED BY LOCAL AUTHORITIES WILL BE FRAME TIE STRAPS.
6. STRAPS MAY BE +/_ 1'-0"

SEE ENGINEERED PLANS FOR PEIR LOCATIONS AND SPECIFICATIONS

FOUNDATION 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: 4264 FOUNDATION PLAN	
DATE: 10/17/08	SCALE: 3/16" = 1'-0"	DWG# 4264	SHEET: S-101

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