

DESIGN CRITERIA:

PROJECT NAME: **AMTEX STOCK- T2460-4**
 BUILDING SQ. FOOTAGE: 1316 SQ. FT.
2002 NEC
2003 IBC
2003 IMC
2003 IPC
2003 IECC
1994 TAS

USE GROUP: B
 CONSTRUCTION TYPE: IBC: V-B
 OCCUPANT LOAD: 13
 PERMISSIBLE GAS TYPE: LP NATURAL N/A

DESIGN LOADS:

ROOF LIVE LOAD: 20 PSF
 FLOOR LIVE LOAD: 50 PSF
 CONC. FLOOR LIVE LOAD: 2000 LBS
 WIND LOAD: (130 MPH 3-SEC GUST)
 EXPOSURE: B
 SEISMIC DESIGN CATEGORY B

SPECIAL CONDITIONS AND / OR LIMITATIONS:

- HANDICAP ACCESS AND SIGNAGE TO BE PROVIDED BY OTHERS AS APPLICABLE.
- THE BUILDING IS TO BE LOCATED PER THE REQUIREMENTS OF TABLE 602 OF THE 2003 IBC
- FIRE EXTINGUISHER(S) SHALL BE INSTALLED ON-SITE BY OTHERS.
- ANY REQUIRED ALARM SYSTEM SHALL BE INSTALLED ON-SITE BY OTHERS.

FOUNDATION NOTES:

- FOUNDATION AND ANCHORING ARE SUBJECT TO ACCEPTANCE AND INSPECTION BY LOCAL AUTHORITY HAVING JURISDICTION.
- TIE-DOWN ANCHORING: SEE SHEET S-1
- CRAWL SPACE VENTILATION TO BE PROVIDED BY OTHERS ON-SITE PER 1203.3.1 OF THE 2003 IBC

SCOPE OF WORK

NOT INCLUDED IN THE SCOPE OF WORK

- UTILITIES AND UTILITY CONNECTIONS
- POURED CONCRETE (DRIVEWAY, SIDEWALK, SLABS, FOOTINGS, ETC).
- SITE PREPARATION
- TAX OF ANY KIND.
- BUILDING PERMITS.

SITE WORK

1. OWNER IS TO EXAMINE THE SITE AND SHALL VERIFY ALL EXISTING CONDITIONS, NO PROVISION FOR SITE WORK HAS BEEN INCLUDED. IT IS PRESUMED THAT THE SITE WILL PROVIDE CLEAR ACCESS FOR TRUCKS AND MODULARS.

2. ALL ELECTRICAL, PLUMBING, SEWER & GAS SERVICE CONNECTIONS AND ALL CONCRETE WORK AT THE SITE, TO INCLUDE POURED PIERS, FOUNDATIONS, SLABS, SIDEWALKS, DRIVEWAYS OF WHATEVER KIND ARE THE RESPONSIBILITY OF THE OWNER.

IDENTIFICATION:

STATE DECAL: **TLDR DECAL AND DATA PLATE ARE PLACED IN PANEL BOX & OR ABOVE CEILING ON FRONT END WALL**

DECAL: **AMTEX STOCK (LA, TX, OK)**

FRAME / CHASSIS:

OUTRIGGERS: 96" O.C.
 CROSSMEMBERS: 48" O.C.
 BEAM: 12" JR. I-BEAM
 HITCH: DETACHABLE HITCH
 AXLES: [02] BRAKES (NEW) [01] IDLERS
 TIRES: F (12-PLY) NEW
 FRAME: MEDIUM

FLOOR:

BOTTOM BOARD: ROLL, POLYETHYLENE FIBER MESH
 INSULATION: R-22 UNFACED
 JOISTS: 2x6 No. 2 SYP OR BTR. AT 16" O.C.
 SIDEBAND JOISTS: DOUBLE 2x6 SYP No 2 OR EQUAL
 DECKING: 3/4" EDGE GOLD
 FLOOR COVER: 1/8" TILE **COLOR: #51899 COOL WHITE**
 COVE BASE: 4" VINYL (6" IN RESTROOMS) **GRAY**

EXTERIOR WALLS:

SIDEWALL HEIGHT: REFERENCE SHEET A-3
 STUDS: 2x4 No. 2 SYP OR BTR AT 16" O.C.
 BOTTOM PLATE: SNGL 2x4 SPF No. 3 OR BTR
 TOP PLATE: DBL 2x4 SPF No. 3 OR BTR
 HEADERS: DOUBLE 2x4 WITH 1/2" PLYWOOD FILLER
 FIRE BLOCKS: 2x MIN. AT CLG LINE AS REQ'D.
 INSULATION: R-15 FACED
 SHEATHING: 15# FELT OR EQUIV.
 SIDING: 3/8" SMARTPANEL **COLOR: TBA**
 EXT TRIM: SMARTPANEL - TOP, BOTTOM, CORNERS, WINDOWS/DOORS
COLOR: TBA
 SKIRTING: TBA

INTERIOR WALLS:

WALL HEIGHT: REFERENCE SHEET A-3
 STUDS: 2x4 SPF No. 2 OR BTR AT 16" O.C.
 BOTTOM PLATE: SNGL 2x4 SPF No. 3 OR BTR
 TOP PLATE: DBL 2x4 SPF No. 3 OR BTR
 HEADERS: SINGLE 2x4 FLAT
 FIRE BLOCKS: 2x MIN. AT CLG LINE AS REQ'D.
 COVERING: 1/4" V.C. PANELING
COLOR: HAMPTON GRAY
 TRIM: STD. VCG TRIM
 FRP: 4' TALL BEHIND AND ALONG SIDE OF W.C.
 INSULATION: N/A

WINDOWS:

SIZE/TYPE: [07] 24" X 52" V.S. BRONZE/CLEAR (DIG)
 LOW E
 BRAND: AWT
 COVERING: [07] SETS 23" ALUMINUM MINIBLINDS
COLOR: ALABASTER

DOORS:

EXTERIOR: [01] 36"x80" ALUMINUM ACTIVE W/10x10 PANE
 [01] 36"x80" ROUGH OPENING
EXTERIOR HARDWARE
 [01] PASSAGE **(LEVERS)**
 [01] DEAD BOLT
 [01] STORM CHAIN
 INTERIOR: [05] 36"x80" MOWHAWK HOLLOW CORE
INTERIOR HARDWARE
 [04] PASSAGE **(LEVERS)**
 [01] PRIVACY **(LEVERS)**
 REDI-FRAME
 MISC: [05] WALL MTD. DOOR STOPS

ROOF:

RAFTERS: 2x8 NO. 2 SYP MIN AT 24" o.c.
 RIM MBR: SNG. 2x8 SYP #3
 RIDGE BEAM: 3 LAYER - 24" HEIGHT & 56' LENGTH
 CEILING: 2x4 ACOUSTIC LAYIN AT 7'-10" AFF
 INSULATION: R-30C UNFACED
 SHEATHING: 7/16" FR DECK W/H-CLIPS
 ROOFING: .45 EPDM [UL-R13850] BLACK
 (.25 IN 12 PITCH MIN.)
 MANSARD: 24" FALSE MANSARD (ENDS & SIDES)

ELECTRICAL:

SERVICE: 120/240V SINGLE PHASE
 LOAD CENTER: [02] 100 AMP, INT. MOUNT LOAD CTR.
 TYPE: SQUARE D
 ENTRANCE: 1-1/2" STUB-DN
WIRING: MC CABLE W/ #12 WIRE
LIGHTS: [10] 48" T-8 4 TUBE FLOURESCENT
 W/ DIFFUSED LENS RECESSED
 [01] 24" T-8 U-TUBE FLOURESCENT
 W/ DIFFUSED LENS RECESSED
FANS: [01] 110 CFM EXHAUST FAN
RECEPTS: [23] STD. 120V DUPLEX RECEPTACLES **IVORY**
 [01] W.P. EXT. GFCI 120V RECEPTACLE
SWITCHES: SEE SHEET E-1
 J-BOXES: [07] W/ 3/4" ENT STUBBED UP
MISC: THE GROUNDING ON-SITE IS TO BE IN ACCORDANCE WITH NEC 250-96.

PLUMBING:

WATER SUPPLY: CPVC
 WASTE: PVC SCHEDULE 40 [MULTIPLE DROPS]
 WATER HEATER: [01] EEMAX SP-55
 WATER CLOSET: [01] H.CAP BOWL W/ TANK
 LAVATORY: [01] WALL HUNG AT HANDICAP HT. W/
 DUAL LEVER FAUCET. INSULATE HOT
 SUPPLY AND DRAIN TAILPIECE.
 SINKS: N/A
 MISC: INSTALL 1-SET OF S.S. GRAB BARS
 [01] T.P. HOLDERS, [01] FRAMED MIRROR
 A SERVICE SINK SHALL BE AVAILABLE ON-SITE OR BE
 INSTALLED AS REQUIRED BY LOCAL OFFICIALS.
 DRINKING FOUNTAIN TO BE ON-SITE BY OTHERS.
 ALL FIXTURE MOUNTING HEIGHTS PER T.A.S.

HVAC:

HVAC: [02] 3-TON WALL MTD. WITH 10 KW HEAT STRIP
 -BARD OR EQUIVALENT - **GREY**
 THERMOSTAT: [02] PROGRAMMABLE
 DUCTS: FIBERGLASS
 SUPPLY: 24x24 ADJUSTABLE
 RETURN-AIR: JUMP DUCTS AND RETURN AIR GRILLE AT
 HVAC UNIT THROUGH PLENUM WALL
**MISC: FRESH AIR VENTILATION IS PROVIDED THRU
 MANUAL AIR DAMPER IN THE HVAC SYSTEM.**

FURNITURE OR MISC:

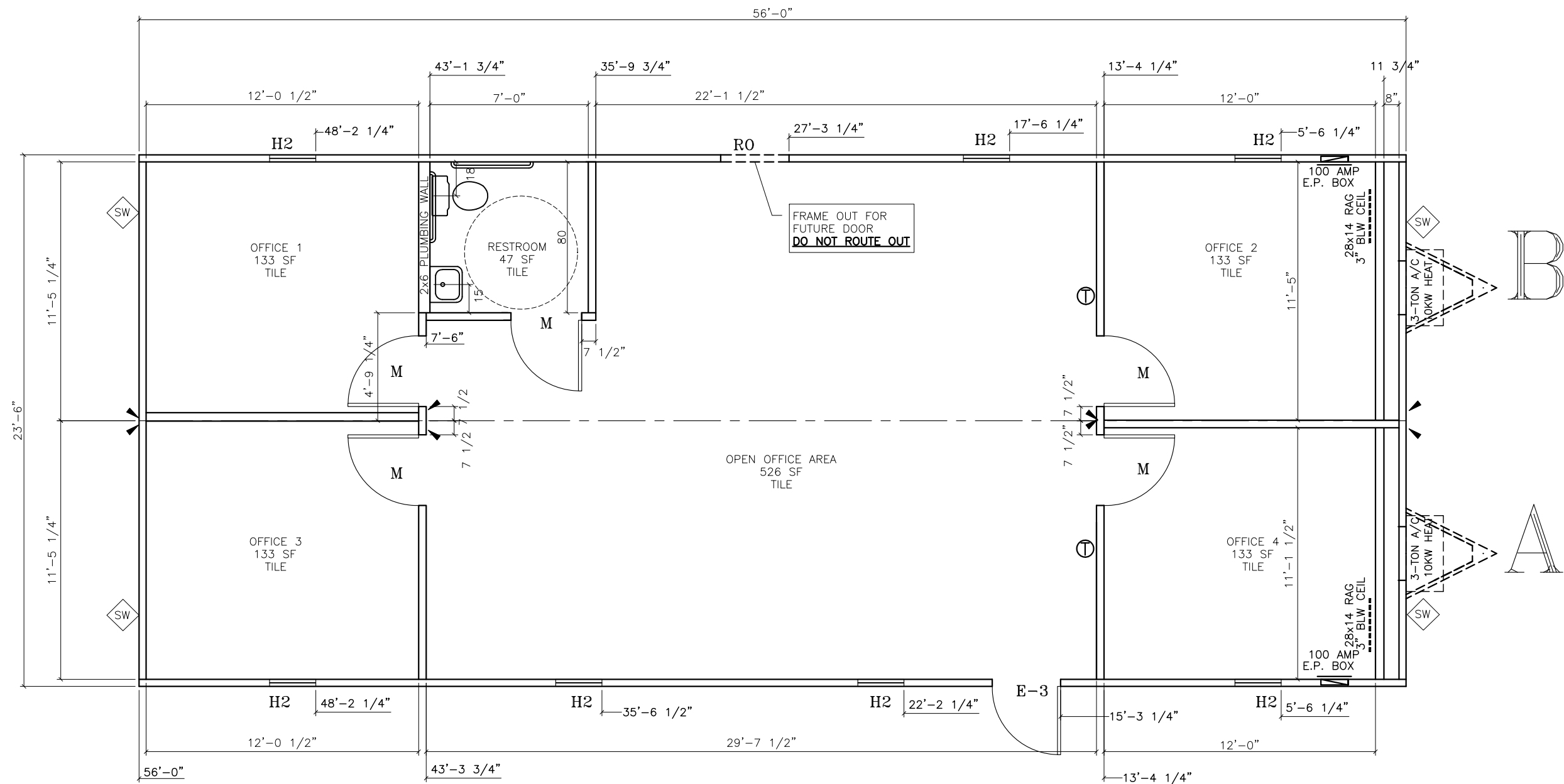
COUNTER TOP: N/A
 BASE CABINET: N/A
 UPPER CABINET: N/A
 MISC: N/A

DRAWING INDEX:

COVER SHEET / SPECIFICATIONS	A-1
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BLOCKING & TIEDOWN PLAN	S-2
HEAT LOSS CALCULATIONS	SEE ATTACHED

**#10819-20, 10821-22,
 10823-24, 10825-26**


LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				R.C.	AMTEX STOCK	COVER SHEET/SPECIFICATIONS		
				DATE:	SCALE:	DWG. NO.	SHEET	AMTEX 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105
				9/15/08	N.T.S.	T2460-4	A-1	

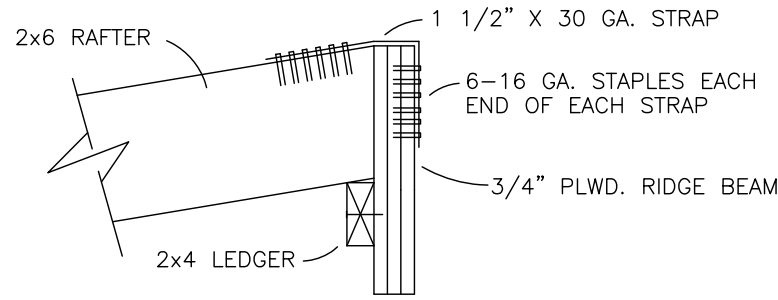


SCHEDULE \ LEGEND

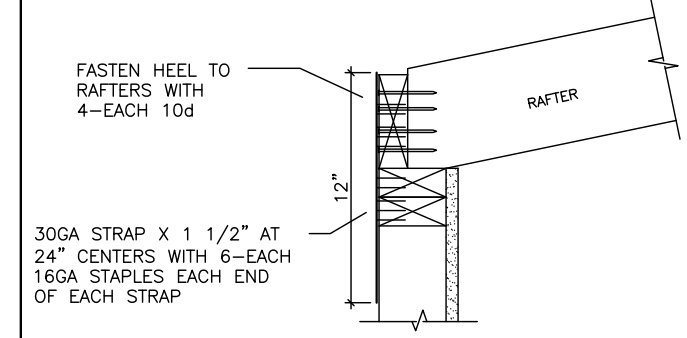
KEY	ITEM DESCRIPTION	SIZE	ROUGH OPENING
E-3	36" X 80" ALUM. ACTIVE DOOR W/ 10x10 PANE	36X80	36 1/4 X 80 1/4"
RO	36" X 80" ROUGH OPENING FOR FUTURE DOOR	36X80	36 1/4 X 80 1/4"
M	36" X 80" MOHAWK H.C. DOOR	36x80	37 1/4" X 81"
H2	24"x52" AWT V.S. BRONZE/CLEAR (DIG) LOW E	24X52	24" X 52" UP 28"
SW	= SHEARWALL (3/8" SMARTPANEL)		

▶ = MINIMUM 3-2x4 STUD SYP No. 2 COLUMNS WITH MIN. 2-20gax1 1/4" STRAPS AT EXTERIOR WALLS AND MIN. 3-20gax1 1/4" STRAPS AT INTERIOR WALLS FASTENED WITH MINIMUM 8-EACH No 8 SCREWS EACH END OF EACH STRAP.

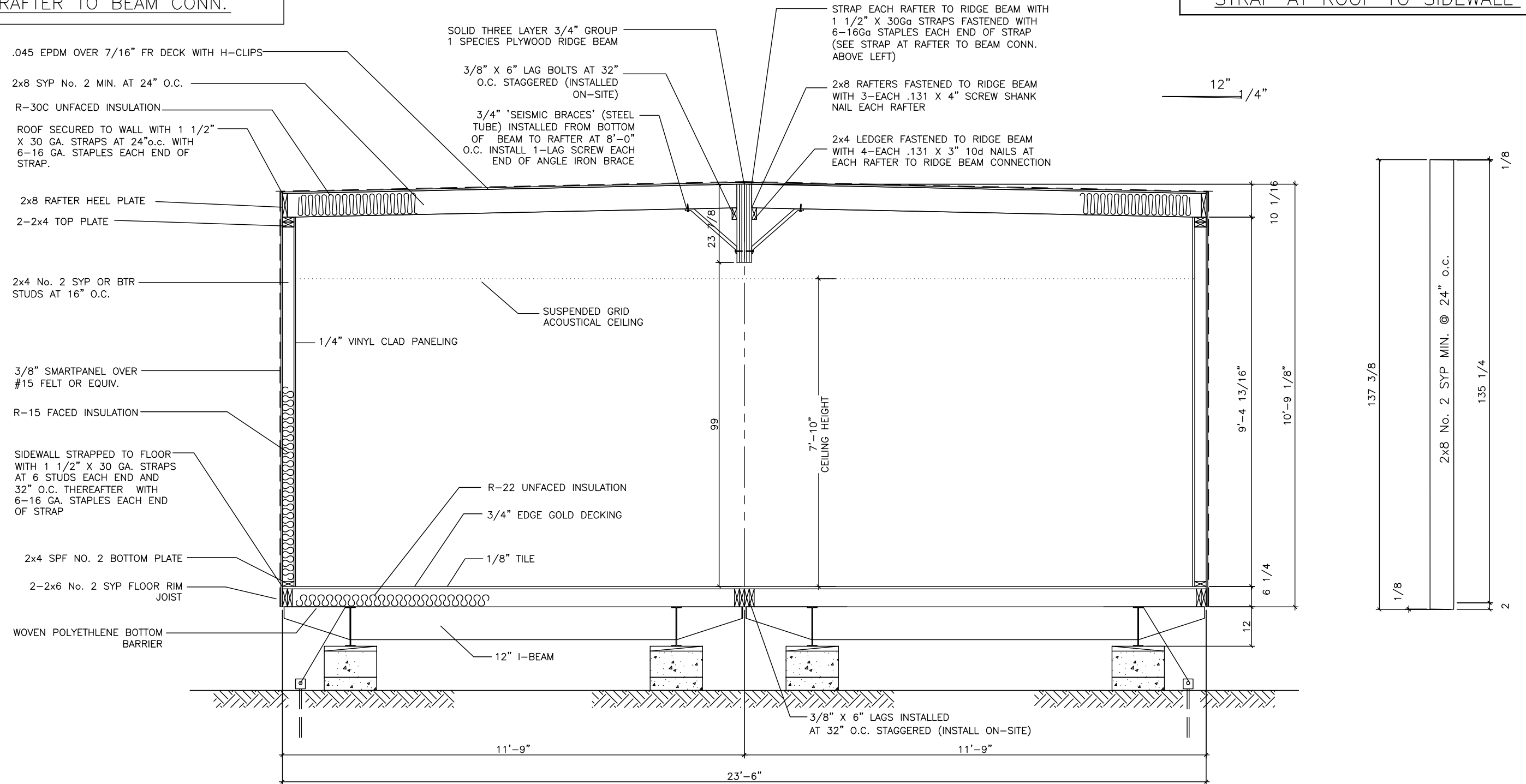
LTR	REVISION	BY	DATE	DRAWN BY: R.C.	PROJECT: AMTEX STOCK	TITLE: FLOOR PLAN	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				DATE: 9/15/08	SCALE: 3/16" = 1'-0"	DWG. NO. T2460-4	SHEET A-2	 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105



STRAP AT RAFTER TO BEAM CONN.



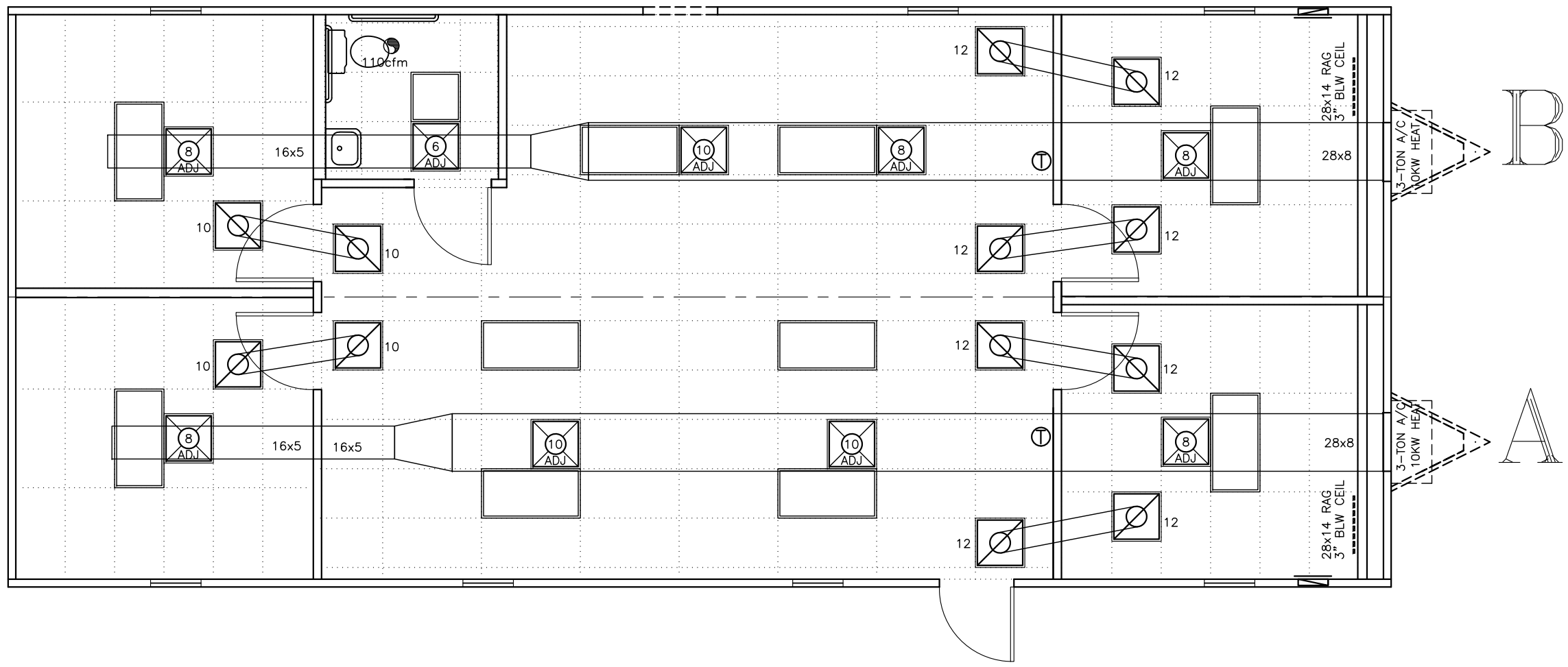
STRAP AT ROOF TO SIDEWALL

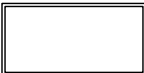




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LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				R.C.	AMTEX STOCK	CROSS-SECTION	832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105	
				DATE:	SCALE:	DWG. NO.	SHEET	
				9/15/08	3/8" = 1'-0"	T2460-4	A-3	

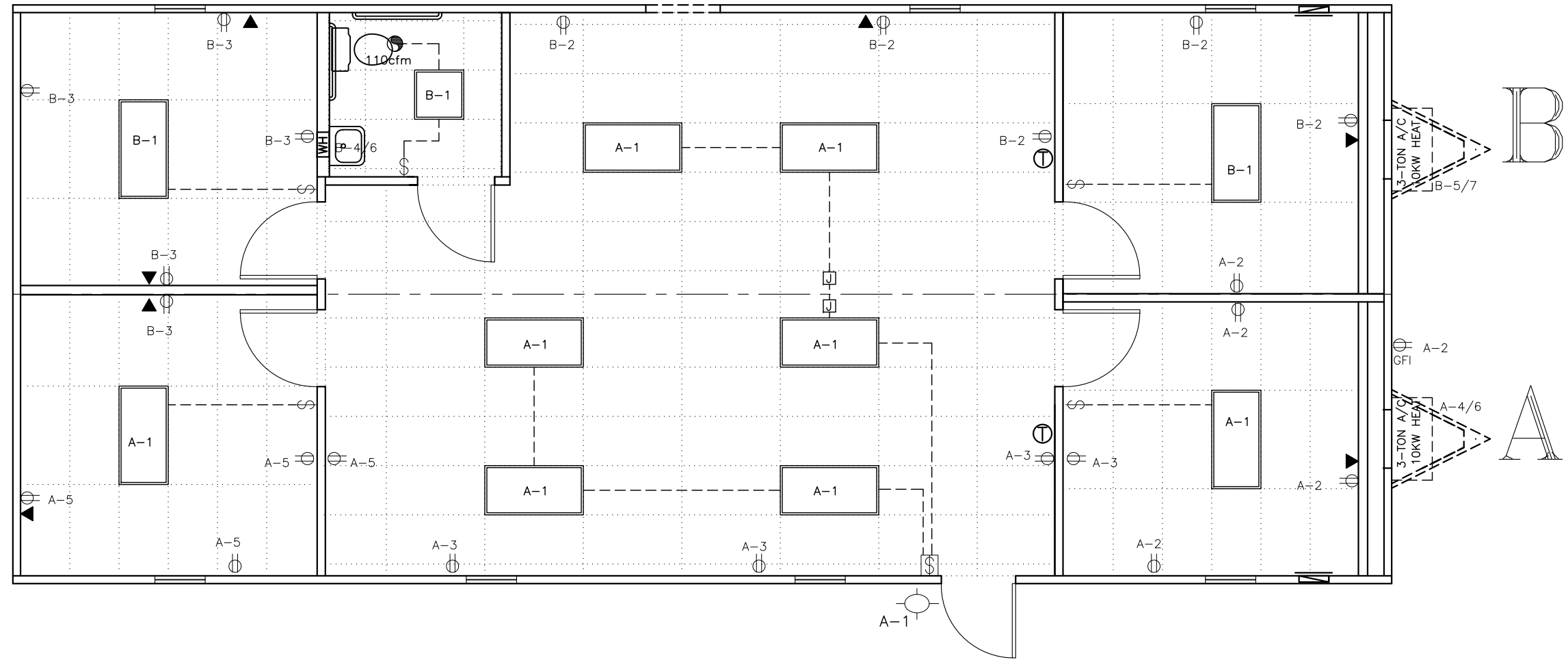
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SYMBOL LEGEND	
	48"x24" 4-TUBE FLUORESCENT T-8 LIGHT
	24x24 <u>ADJUSTABLE</u> SUPPLY REGISTER
	JUMP DUCT

LTR	REVISION	BY	DATE	DRAWN BY: R.C.	PROJECT: AMTEX STOCK	TITLE: CEILING GRID/HVAC LAYOUT	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				DATE: 9/15/08	SCALE: 3/16" = 1'-0"	DWG. NO. T2460-4	SHEET M-1	AMTEX 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105

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ELECTRICAL SYMBOL LEGEND

	48" X 24"- 4 TUBE FLUORESCENT W/ DIFFUSED LENS RECESSED		120V RECEPTACLE		DUAL SWITCH
	24" X 24"- U TUBE FLUORESCENT W/ DIFFUSED LENS RECESSED		J-BOX		ELECTRICAL PANEL BOX
	EXTERIOR PORCH LIGHT W/ PHOTOCCELL		110 cfm EXHAUST FAN		
			PHONE STUB IN		
			SWITCH		

LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	JOB INFORMATION	
				R.C.	AMTEX STOCK	ELECTRICAL LAYOUT	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				DATE: 9/15/08	SCALE: 3/16" = 1'-0"	DWG. NO. T2460-4	SHEET E-1	AMTEX 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105

MIN WIRE SIZE		100 AMP 2-POLE SINGLE PHASE MAIN BREAKER						MIN WIRE SIZE
PANEL "A"		20	1	2	20	RECEPTS	12	
12	LIGHTS							
12	RECEPTS	20	3	4	60	3-TON 10 KW HVAC UNIT	6	
12	RECEPTS	20	5	6	2P			
			7	8				
			9	10				
			11	12				
			13	14				
			15	16				
			17	18				
			19	20				
			21	22				
			23	24				

GROUND BAR

NEUTRAL

240

LOAD CALC:

QTY	ITEM	WATTS	100 AMP	TOTAL
8	Fluorescent T-8's @ 125%	x	122	1220 watts
1	Ext. Fluorescent Light	x	13	16 watts
13	Recept Duplex	x	180	2340 watts
1	Hvac Unit 3 Ton (240v)	x	624	624 watts
1	Heat Strips (10 kw)	x	10000	10000 watts
1	Emergency Light	x	14.4	14.4 watts
1	Exit Sign	x	2.8	2.8 watts

Total Watts: 14217
Total Amps: 59.24

MIN WIRE SIZE		100 AMP 2-POLE SINGLE PHASE MAIN BREAKER						MIN WIRE SIZE
PANEL "B"		20	1	2	20	RECEPTS	12	
12	LIGHTS							
12	RECEPTS	20	3	4	30	INSTANTANEOUS WATER HEATER	10	
6	3-TON 10 KW HVAC UNIT	60	5	6	2P			
			7	8				
			9	10				
			11	12				
			13	14				
			15	16				
			17	18				
			19	20				
			21	22				
			23	24				

GROUND BAR

NEUTRAL

240

LOAD CALC:


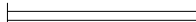

QTY	ITEM	WATTS	100 AMP	TOTAL
2	Fluorescent T-8's @ 125%	x	122	305 watts
1	Exhaust Fan 110 cfm	x	156	195 watts
10	Recept Duplex	x	180	1800 watts
1	Water Heater Instant.	x	5500	5500 watts
1	Hvac Unit 3 Ton (240v)	x	624	624 watts
1	Heat Strips (10 kw)	x	10000	10000 watts
1	Fluorescent T-8 U-TUBE	x	32	40 watts

BUILDING TOTAL LOAD:
 Panel "A" Load: 14217 watts
 Panel "B" Load: 18464 watts
 Total: 32681 watts
 Voltage: 240 V
 Total Amps: **136.17 Amps**

Total Watts: 18464
Total Amps: 76.93

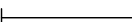
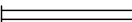
CALCS. BY:	PROJECT:	DATE: September 16, 2008	SHEET No. E-2
R.C.	AMTEX STOCK	832 EAST WALNUT GARLAND, TX 76040	
#	REVISION	BY:	DATE:
		DWG No. T2460-4	Email: engineering@amtexcorp.com



DWV PIPING LEGEND	
	1 1/2" DWV LINE
	2" DWV LINE
	3" DWV LINE

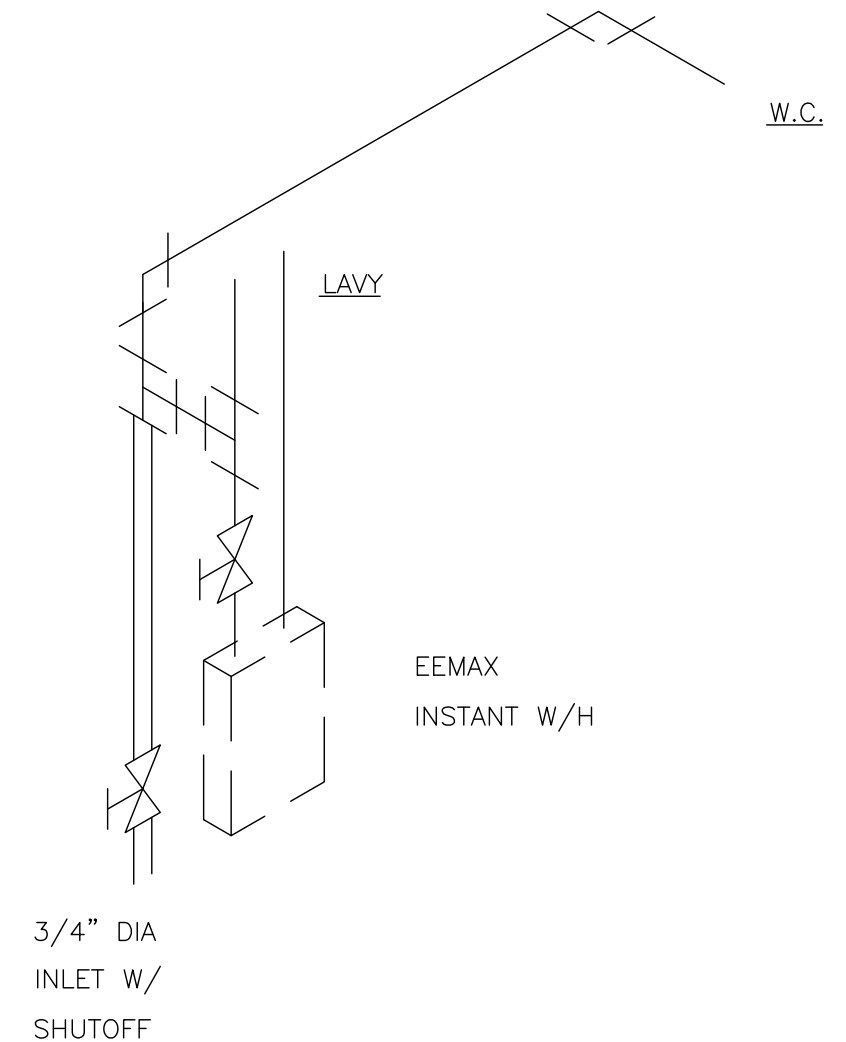
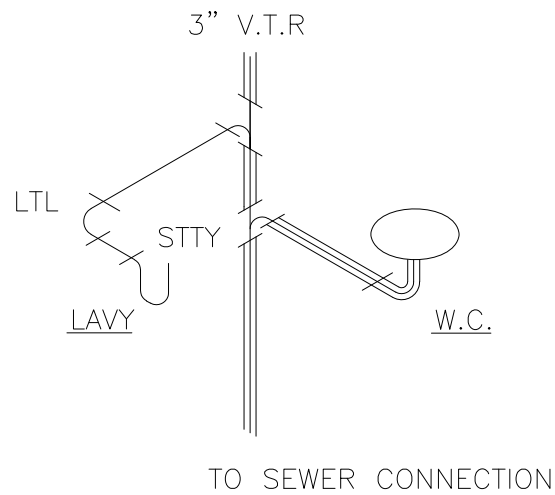
NOTE:


1. DRAIN SYSTEM 'TREE'S ARE STUBBED THRU FLOOR ONLY AT FACTORY. FINAL CONNECTION TO SEWER IS TO BE COMPLETED ON SITE BY OTHERS.

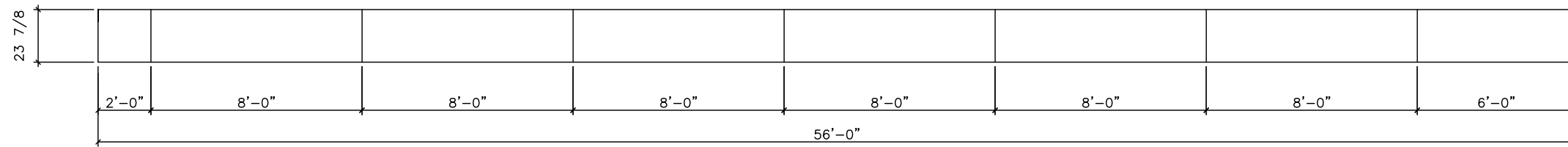
WATER LINE LEGEND	
	1/2" WATER LINE
	3/4" WATER LINE

NOTES:

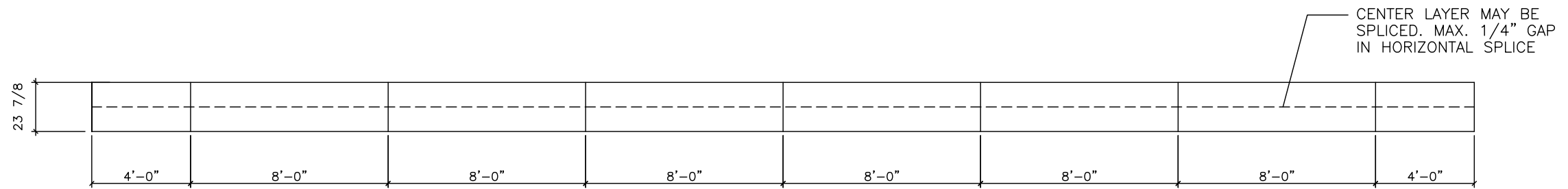
1. SHUT-OFF VALVES ARE REQUIRED AT ALL FIXTURES.



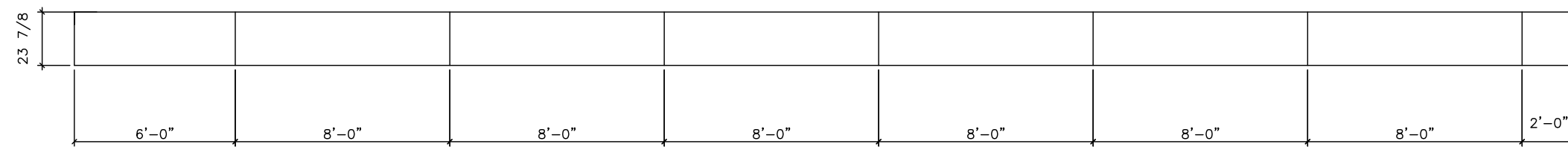
LTR	REVISION	BY	DATE	DRAWN BY:	PROJECT:	TITLE:	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				R.C.	AMTEX STOCK	PLUMBING (DRAIN & WATER)		
				DATE:	SCALE:	DWG. NO.	SHEET	 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105
				9/15/08	3/4" = 1'-0"	T2460-4	P-1	



3rd LAYER



2nd LAYER

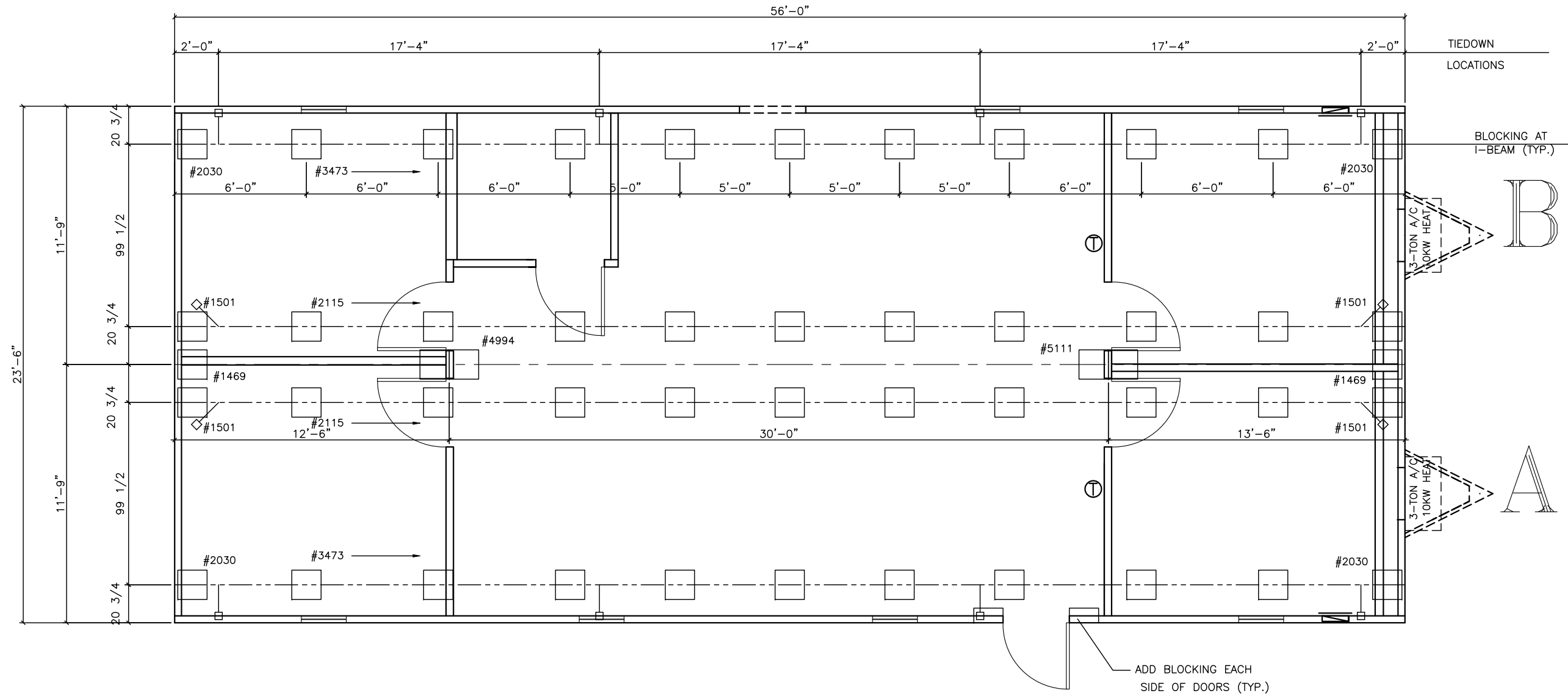


1st LAYER

RIDGE BEAM NOTES:

1. RIDGE BEAM CONSTRUCTION IS THE SAME FOR BOTH SIDES OF MATELINE (MIRRORED).
2. RIDGE BEAM IS CONSTRUCTED WITH 3/4" 5-PLY, 5-LAYER GROUP 1 SPECIES PLYWOOD.
3. RIDGE BEAM CONSTRUCTION SHALL BE IN ACCORDANCE WITH APA PLYWOOD DESIGN SPECIFICATION, SUPPLEMENT 5.

LTR	REVISION	BY	DATE	DRAWN BY: R.C.	PROJECT: AMTEX STOCK	TITLE: RIDGE BEAM	JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				DATE: 9/15/08	SCALE: 3/16" = 1'-0"	DWG. NO. T2460-4	SHEET S-1	AMTEX 832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105



NOTES:

1. SOIL CAPACITY IS ASSUMED TO BE 2000 PSF.
2. POURED IN PLACE PIER PADS ARE 16" x 16"

LTR	REVISION	BY	DATE	DRAWN BY: R.C.	PROJECT: AMTEX STOCK	TITLE: BLOCKING & TIE DOWN		JOE STEEDE, P.E. 13999 GOLDMARK, SUITE 374 DALLAS, TX 75250 PHONE: (972) 238-1611	
				DATE: 9/15/08	SCALE: 3/16" = 1'-0"	DWG. NO. T2460-4	SHEET S-2	832 EAST WALNUT GARLAND, TX 75040 (972) 276-7626 FAX: (972) 276-5105	

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