

DEFAULT U=.60, DBL GLZ. DEFAULT U=.90

DOOR SCHEDULE			
MARK	QTY.	DESCRIPTION	COMMENTS
101	SEE FLR PLAN	3'-0" x 6'-8" METAL INSULATED FLUSH DOOR W/ KDHM JAMB - 8" x 34" VIEW LITE - MFG STD PANIC EXIT DEVICE - MFG STD CLOSER - MFG STD HINGES, SWEEP, THOLD DEFAULT U=.60, DBL GLZ. 1/2" GAP, GRAY/LOW-E/CLR U=.55 DEFAULT, SHGC=.43 ASHRAE	EXTERIOR RO: 38" x 81 1/4" WALL THK: 8 3/16" SWING: 101 - LHR 102 - RHR
102	1 EA.	3'-0" x 6'-8" HC DOOR W/ WOOD JAMB ALPINE OAK - MFG STD PRIVACY SET - ADA SIGNAGE	INTERIOR RO: 38" x 82" WALL THK: - SWING: 102 - LHR 103 - RHR

FASTNER SCHEDULE	
CONNECTION	NAILING
JOIST TO SILL OR GIRDER, TOENAIL	3-8d
SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d @ 16" O.C.
SOLE PLATE TO JOIST OR BLOCKING, AT BRACE WALL PANELS	3-16d PER 16"
TOP PLATE TO STUD, END NAIL	2-16d
STUD TO SOLE PLATE	2- 16d END NAIL
DOUBLE STUDS, FACE NAIL	16d @ 24" O.C.
DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d @ 16" O.C.
DOUBLE TOP PLATES, LAP SPLICE	8-16d
RIM JOIST TO TOP PLATE, TOENAIL	8d @ 6" O.C.
TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
CONTINUOUS HEADER, TWO PIECES	16d @ 16" O.C. ALONG EACH EDGE
CEILING JOIST TO PLATE, TOENAIL	3-8d
CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
CEILING JOISTS, TO PARALLEL RAFTERS, FACE NAIL	3-16d
RAFTER TO PLATE, TOENAIL	3-8d
BUILT-UP CORNER STUDS	16d @ 24" O.C.
WOOD STRUCTURAL PANELS AND PARTICALBOARD ² SUBFLOOR, ROOF AND WALL SHEATHING TO FRAMING 1/2" AND LESS 1 1/8" - 3/4" 7/8" - 1"	8d OR 6d ³ 8d ³ 10d OR 8d
FIBERBOARD SHEATHING (OSB) 1/2"	NO. 11 6A ⁴ 6d ⁴ NO. 16 6A ⁵

NOTES

GENERAL NOTES

- THIS PLAN IS IN ACCORDANCE WITH WAC 51-50-2900 AND OSGC APPENDIX CHAPTER 29, TOILET FACILITIES SHALL BE PROVIDED IN AN ADJACENT BUILDING SEPARATE FACILITIES FOR EACH GENDER SHALL BE PROVIDED.
- ALL NEW FACILITIES SHALL BE BUILT IN ACCORDANCE WITH WAC-51-50-1100 FOR BARRIER FREE ACCESS.
- NOTE: ALL STAIRS, RAMPS, LANDING, AND HANDRAILS TO BE SUPPLIED AND INSTALLED ON SITE BY OTHERS (UNLESS OTHERWISE SPECIFIED)
- ALL BUILDINGS THAT RELY ON ADJACENT FACILITIES FOR RESTROOMS SHALL HAVE AN N.L.E.A. W/ EA. INSIGNIA, AND A COPY POSTED IN A CONSPICUOUS LOCATION.
- SERVICE SINKS AND POTABLE DRINKING WATER IS TO BE SUPPLIED BY OTHERS AT THE SITE. RESTROOMS, SERVICE SINKS AND DRINKING FOUNTAINS SHALL COMPLY WITH (IDAHO) 2003 IBC TABLE 2902.1 AND SECTION 2902.4.1.
- ICE DAM PROTECTION SHALL COMPLY WITH THE REQUIREMENTS OF THE 2003 IBC SECTION 1507.2.8.2
- IN ACCORDANCE WITH 2003 IBC 804.5 (IN GROUP A OR E OCCUPANCIES) DRAPES, HANGINGS OR OTHER DECORATIVE COVERINGS SUSPENDED FROM WALLS OR CEILINGS SHALL BE FLAME RESISTANT IN ACCORDANCE W/ SECTION 805.2.4.1 NFPA 701 OR NONCOMBUSTIBLE

ENERGY CODE / BUILDING ENVELOPE

- BUILDING HEATED W/ HEAT PUMP, ELECTRIC RESISTANCE HEAT NOT ALLOWED.
- ALL WINDOWS AND DOORS SHALL BE SEALED, CAULKED, GASKETED, OR WEATHER STRIPPED TO MINIMIZE AIR LEAKAGE. (WSEC 1314.1)
- ALL VAPOR BARRIERS SHALL BE A MAXIMUM OF 1 PERM.
- BUILDING ASSEMBLIES USED AS DUCTS OR PLENUMS SHALL BE SEALED, CAULKED AND GASKETED TO LIMIT AIR LEAKAGE. (WSEC 1314.3)
- THIS BUILDING SHALL MEET THE REQUIREMENTS OF WSEC 2004 1416 COMPLETION REQUIREMENTS

ELECTRICAL

- THIS BUILDING MEETS THE REQUIREMENTS OF THE 2005 NEC
- BUILDING TO BE WIRED IN M/C, F/MC, EMT, LFMC
- TYPICAL WIRE SIZES:
15 AMP - #14 CU 30 AMP - #10 CU
20 AMP - #12 CU 35 AMP - #8 CU
- SERVICE ENTRANCE - UNDERGROUND BY OTHERS
- ALL RECEPTACLES TO BE INSTALLED 18" A.F.F. TO CENTER OF RECEPTACLE, UNLESS OTHERWISE SPECIFIED.
- GROUND FAULT CIRCUIT PROTECTION REQUIRED FOR ALL RECEPTACLES IN WET AREAS.
- ALL CONDUCTORS AND CONDUITS SHALL BE SIZED AND INSTALLED TO COMPLY WITH THE 2005 N.E.C.

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ENERGY CODE / MECHANICAL SYSTEM

- PROVIDE MICROPROCESSOR CONTROLLED THERMOSTAT WITH NIGHT SETBACK, 5 DEGREE DEADBAND MIN., SEVEN DIFFERENT DAY TYPES. MOUNT @ 46" A.F.F. TO TOP OF CONTROLS MAX. (WSEC 1412)
- THERMOSTAT SHALL BE RATED FOR EXTERIOR WALL INSTALLATION.
- SEAL ALL TRANSVERSE DUCT JOINTS (WSEC 1414.1)
- SUPPLY AIR DIFFUSERS SHALL BE PROVIDED WITH MANUAL DAMPERS FOR BALANCING THE SYSTEM (WSEC 1412.7).
- DUCTS SHALL BE SEALED IN ACCORDANCE WITH SMACNA, METAL DUCT AND FLEXIBLE CONSTRUCTION STANDARDS 1ST ADDITION (WSEC RS-18)
- DUCT SMOKE DETECTORS INSTALLED IN ACCORDANCE WITH O.S.M.C. 606.2.1

ELECTRICAL / LIGHTING

- LIGHTING CONTROLS SHALL BE PROVIDE FOR EACH SEPARATE AREA, READILY ACCESSIBLE AT THE POINT OF ENTRY/EXIT. CONTROLS SHALL BE CAPABLE OF TURNING OFF ALL LIGHTS WITHIN THE SPACE (WSEC 1513.1)
- MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR CONTROL SHALL NOT EXCEED A 20 AMPERE CIRCUIT LOADED TO 80% CAPACITY (WSEC 1513.2)
- ALL LIGHTS WITHIN DAY LIGHTED ZONES SHALL PROVIDED WITH INDEPENDENT CONTROLS SEPARATE FROM THE GENERAL LIGHTING (WSEC 1513.3)
- EXTERIOR LIGHTS NOT INTENDED FOR 24 HOUR USE SHALL BE CONTROLLED BY A TIMER OR PHOTOCELL (WSEC 1513.5)

PLUMBING

- ALL PLUMBING TO BE IN ACCORDANCE WITH THE AMENDED 2003 UNIFORM PLUMBING CODE.
- ALL DRAINAGE PIPE TO BE ABS SCHEDULE 40.
- ALL WATER PIPE TO BE TYPE 'M' COPPER OR POLYETHYLENE TUBING
- INSULATE HOT & COLD PIPES.
- HOT WATER AND DRAIN PIPES EXPOSED UNDER LAVATORIES SHALL BE COVERED, THERE SHALL BE NO SHARP OR ABRASIVE SURFACES.
- RESTROOM FLOORS SHALL HAVE A SMOOTH NONABSORBENT SURFACE; RESTROOM WALLS WITHIN 2ft OF FRONT AND SIDES OF WATER CLOSETS SHALL HAVE A SMOOTH NONABSORBENT SURFACE

CODE ANALYSIS

THIS STRUCTURE MEETS CONSTRUCTION REQUIREMENTS OF THE WAC 51-50 (IBC 2003), THE 2003 INTERNATIONAL BUILDING CODE FOR WASHINGTON STATE GOLD AND GOLD LABEL INSIGNIAS

THIS PLAN IS SUBMITTED TO WASHINGTON STATE DEPT L&I FOR APPROVAL BY WA & OREGON (OSGC 2004) UNDER RECIPROCITY AGREEMENT FOR GOLD AND GOLD INSIGNIAS

THIS PLAN IS SUBMITTED TO WASHINGTON STATE DEPT L&I FOR APPROVAL BY WA, & IDAHO (IBC 2003) UNDER RECIPROCITY AGREEMENT FOR GOLD AND GOLD INSIGNIAS

THIS PLAN IS SUBMITTED TO MONTANA STATE DEPT OF L&I FOR APPROVAL BY MT. BUILDING CODES BUREAU (IBC 2003) FOR GOLD AND GOLD INSIGNIAS

BUILDING TYPE: VB DESIGN LOADS:
OCCUPANCY GROUP: E ROOF LIVE: 40 psf
BUILDING USE: CLASSROOM
BUILDING AREA: 28'x 64' 1792 sq ft WIND LOAD: 85 mph
OF OCCUPANTS: 90 EXPOSURE: "C"

2003 IBC: SEISMIC DESIGN Sds = 1.00 SEISMIC DESIGN CATEGORY = D CLASSROOM FLOOR LIVE: 40 psf
1000# CONCENTRATED FLOOR LOAD ON 30" SQ.

NOTES:
1. THIS BUILDING MEETS OR EXCEEDS THE ABOVE REQUIREMENTS FOR THE NREC PERSCRITIVE PATH OPTION FOR CLIMATE ZONE 2, THE OSGC PERSCRITIVE PATH AND THE INTERNATIONAL ENERGY CODE FOR IDAHO
2. PROPOSED GLAZING % OF G.W.A. = 15% (MAX)
3. SEE SCHEDULES AND BUILDING SECTION FOR ACTUAL INSTALLED VALUES

WINDOW SCHEDULE			
MARK	QTY.	DESCRIPTION	COMMENTS
A	2	46" x 39" PHILLIPS #830 HORIZONTAL VINYL SLIDER, LOW E - U=.35, SHGC=.33, NFRG LABELED W LOCKS & SCREENS, INDIAN OAK LINER & CASING	R.O. 46" x 39" MATCH DOOR HEAD HEIGHT
B	6	ROUGH FRAMING FOR FUTURE WINDOW - STUDDED-IN, INSULATED & COVERED OVER	R.O. 46" x 39" MATCH DOOR HEAD HEIGHT

FASTNER SCHEDULE	
CONNECTION	NAILING
WOOD STRUCTURAL PANELS AND PARTICALBOARD ² SUBFLOOR, ROOF AND WALL SHEATHING TO FRAMING 1/2" AND LESS 1 1/8" - 3/4" 7/8" - 1"	8d OR 6d ³ 8d ³ 10d OR 8d
FIBERBOARD SHEATHING (OSB) 1/2"	NO. 11 6A ⁴ 6d ⁴ NO. 16 6A ⁵

NOTES (CONT)

STRUCTURAL

- HEADERS SHALL BE (3) 2x4 STUD (MAX. SPAN = 3.15') OR (3) 2x6 STUD (MAX. SPAN = 4.15') (UNLESS NOTED OTHERWISE)
- WINDOW AND DOORS SHALL HAVE (2) STUDS AT EACH SIDE W/ (1) KING AND (1) TRIMMER
- MINIMUM LAP SPLICE OF TOP PLATE = (1) 2x6 CHORD W/ 13 - 12d NAILS EA. SIDE OF 2x6 SPLICE
- ALL NAILING AND FASTENERS NOT CALLED OUT IN PLANS SHALL BE PER IBC 2304.9.1 NAILING SCHEDULE

PLUMBING SCHEDULE			
MARK	QTY.	DESCRIPTION	COMMENTS
P-1	2	PROFLO PFI203 HANDICAP WATER CLOSET WITH STD SEAT; STD 18", 36" & 48" HC GRAB BARS @ AFF	
P-2	2	PROFLO PF 5404 CHINA WALL HUNG LAVATORY W/ PROFLO PF 4013MCP FAUCET ASSY, @ 34" AFF MFR STD 18" x 34" AT 38" AFF CENTERED OVER LAV	
P-3	1	ARISTON GL2.5 2-1/2 GAL. WATER HEATER W/ STD T&P RELIEF VALVE & EXPANSION TEE 120v - 1500w	

Common or box nails may be used except where otherwise stated.
² Nails spaced at 16 inches on center at edges, 12 inches at intermediate support except 6 inches at all supports where spans are 48" or more.
 For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2315.3.3 & 2315.4 Nails for wall sheathing may be common, box or casing.
³ Common or deformed shank
⁴ Common
⁵ Deformed shank.
⁶ Corrosion-resistant roofing nails with 7/16-inch-diameter (11 mm) head and 1 1/2" length for 1/2-inch sheathing and 1 3/4-inch length for 25/32" sheathing conforming to the requirements of Section 2304.3
⁷ Corrosion-resistant staples with 7/16-inch-diameter (11 mm) crown and 1 1/8" length for 1/2-inch sheathing and 1 1/2-inch length for 25/32" sheathing conforming to the requirements of Section 2304.3.
⁸ Panel supports at 16" (20 inches) if strength axis is the long direction of the panel, unless otherwise noted. Casing or finish nails spaced 6 inches on panel edges, 12 inches at intermediate supports.

FINISH/COLOR SCHEDULE			
SURFACE	MANUFACTURER	COLOR	
ROOFING	OWENS-CORNING	ESTATE GREY	
SIDING	PITTSBURG	#3152 AGATE GREY	
CORNER TRIM	PITTSBURG	#1090 DEEP MARINE	
FASCIA	PITTSBURG	#1090 DEEP MARINE	
DOOR	PITTSBURG	#3152 AGATE GREY	
DOOR/WINDOW TRIM	PITTSBURG	#1090 DEEP MARINE	
WINDOWS	PHILLIPS	WHITE	
CEILING TILE	STD	#2410 RANDOM FISSURED, VINYL COVERED	
VINGNB	STD	PEBBLE BEACH - LT402 COOL WHITE	
INTERIOR TRIM	WOOD	EMBOSSSED OAK	

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DRAWING INDEX	
NO.	DRAWING TITLE
A.0	COVER SHEET - SCHEDULES - NOTES
A.1	FLOOR PLAN
A.2	BUILDING SECTION, DETAILS
A.3	EXTERIOR ELEVATIONS
A.3.1	INTERIOR ELEVATIONS - PLUMBING
A.4	FRAME PLAN - DETAILS
A.5	FOUNDATION PLAN - DETAILS
E.1	LIGHTING - POWER - MECH PLAN - SCHEDULES

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/11/05
△	L&I/BCD/ID SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

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WHITLEY EVERGREEN INC.

14219 SMOKEY POINT BLVD.
MARYSVILLE, WA 98271
(360) 653-5190 (360) 654-7135 FAX.

PACIFIC MOBILE LEASE
JOB NAME: 28'x 64' MOBILE CLASSROOM

COVER SHEET - SCHEDULES

SHEET TITLE

THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B

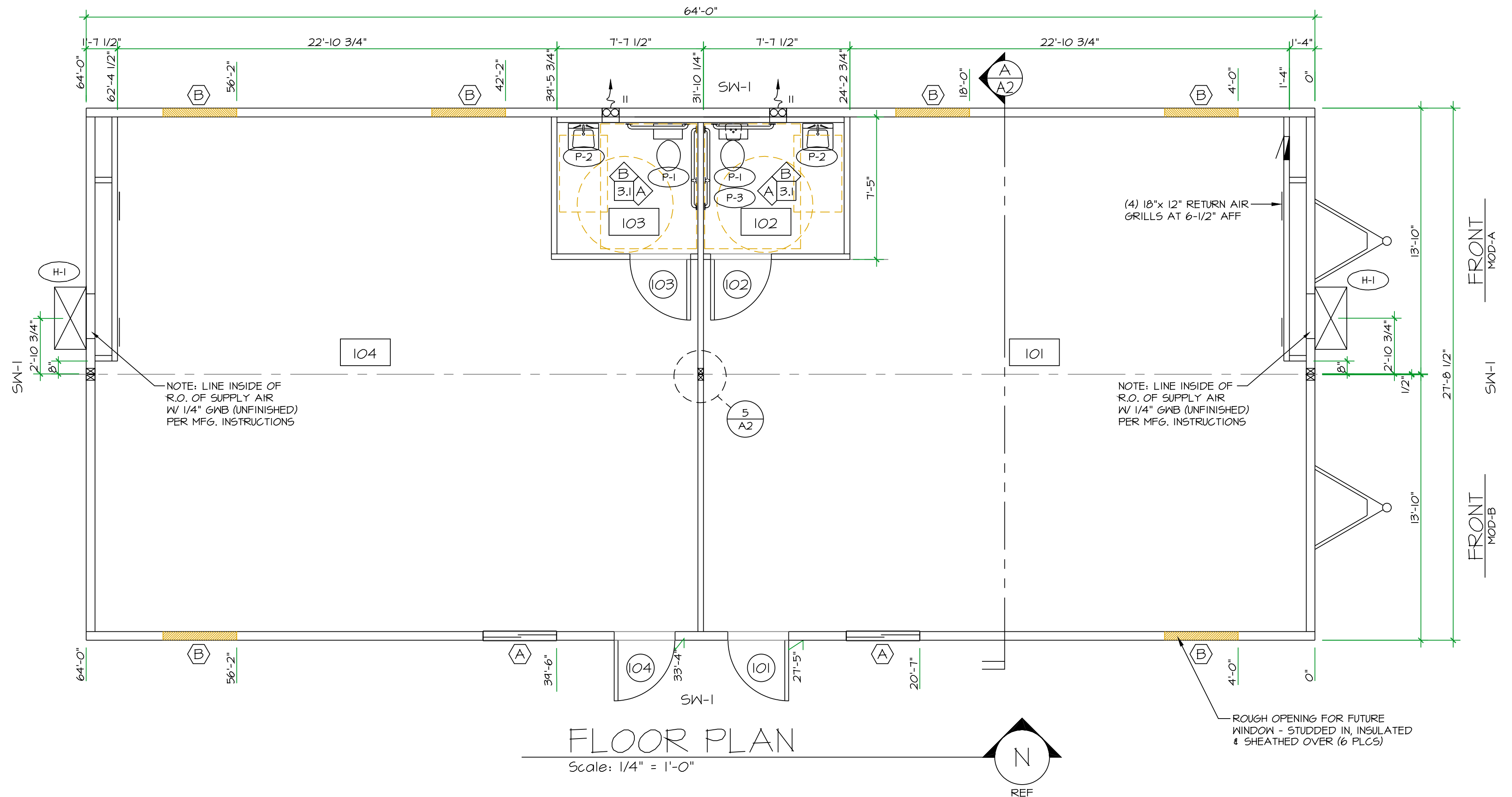
STD PLAN #: FBS0500075

DRAWN BY: ALV FILE: 3874-A

JOB NO: 3874

SHT: A.0

DATE: 4/04/06



SHEAR WALL / STRAP SCHEDULE				ROOM FINISH SCHEDULE												
MARK	DESCRIPTION	NAILING	COMMENTS	ROOM NO.	DESCRIPTION	NORTH WALL	EAST WALL	WEST WALL	SOUTH WALL	CEILING	FLOOR	COMMENTS				
						MAT	MAT	MAT	MAT	MAT HEIGHT	MAT BASE					
ROOF	1/2" APA RATED STRUCT. SHEATHING	8d AT 6" O.C. BNDRY 6" PANEL EDGE 12" O.C. FIELD		101	CLASSROOM	VNGB	VNGB	VNGB	VNGB	ACT 8'-0"	NBW	NBW				
				102	UNISEX RSTRM	VNGB	VNGB	VNGB	VNGB	ACT 8'-0"	SV	6RB	*			
SW	7/16" LP SMART PANEL SIDING @ EXT FACE OF EXT WALLS	8d AT 6" O.C. EDGES 12" IN FIELD 16" STUD SPACING	USE (1) STUD MIN. @ ADJ. PANEL EDGE BLOCK PANEL EDGES	103	UNISEX RSTRM	VNGB	VNGB	VNGB	VNGB	ACT 8'-0"	SV	6RB	*			
				104	CLASSROOM	VNGB	VNGB	VNGB	VNGB	ACT 8'-0"	NBW	NBW				
LEGEND				FLOORS NBW - NOT BY WHITLEY SV - SHEET VINYL: CONGOLEUM DIAMONDFLOR 6RB - RHOPPE 6" RIBBER BASE WALLS VNGB - 1/2" VINYL WRAPPED GYPSUM WALL BOARD * - 4' HIGH FIBERGLASS REINFORCED PLASTIC @ TOILETS CEILING ACT - SUSPENDED ACOUSTICAL CEILING TILE, 2'x 4'x 5/8" LAY-IN (INSTALL PER IBC 803.4.1.1)												
SW	SHEAR WALL															

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/1/05
△	L&I/BCD/ID SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

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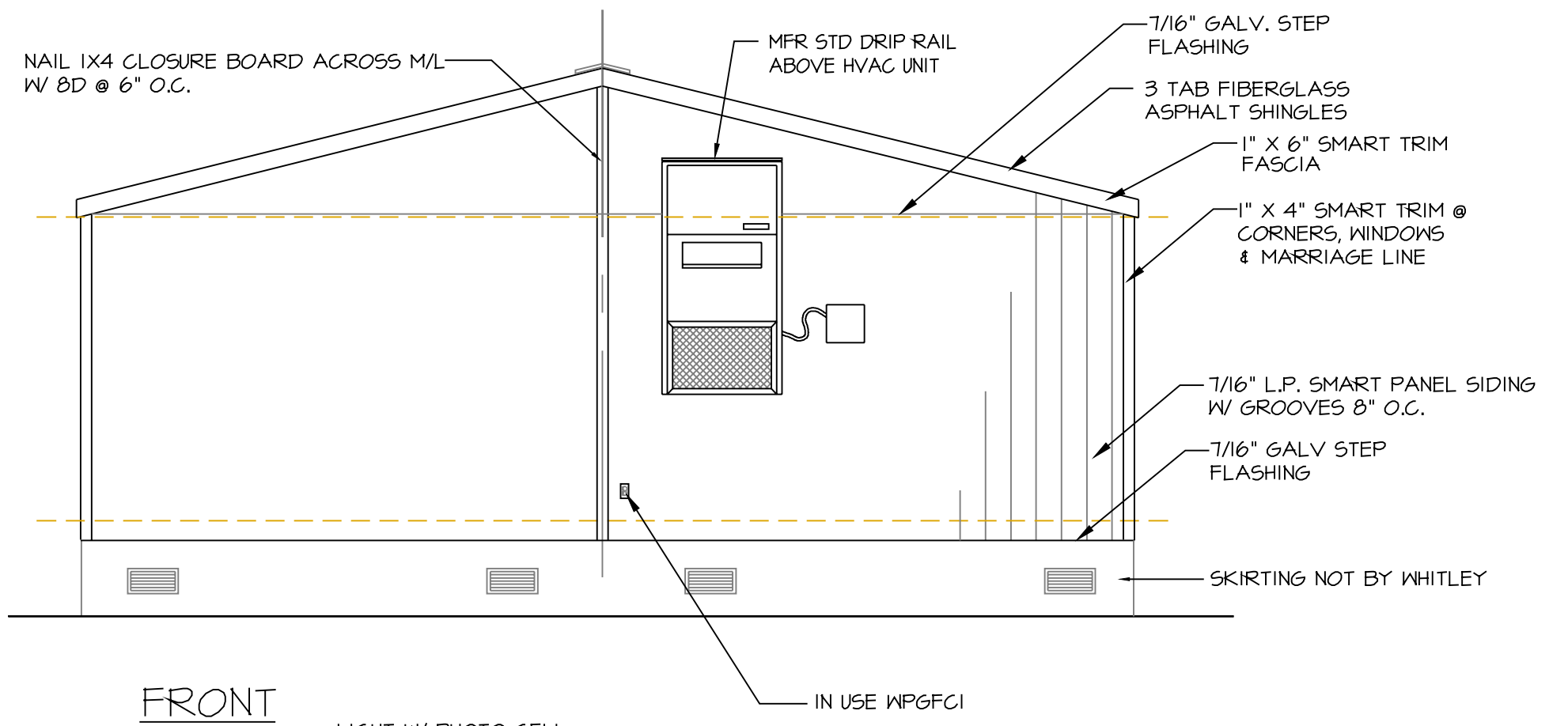
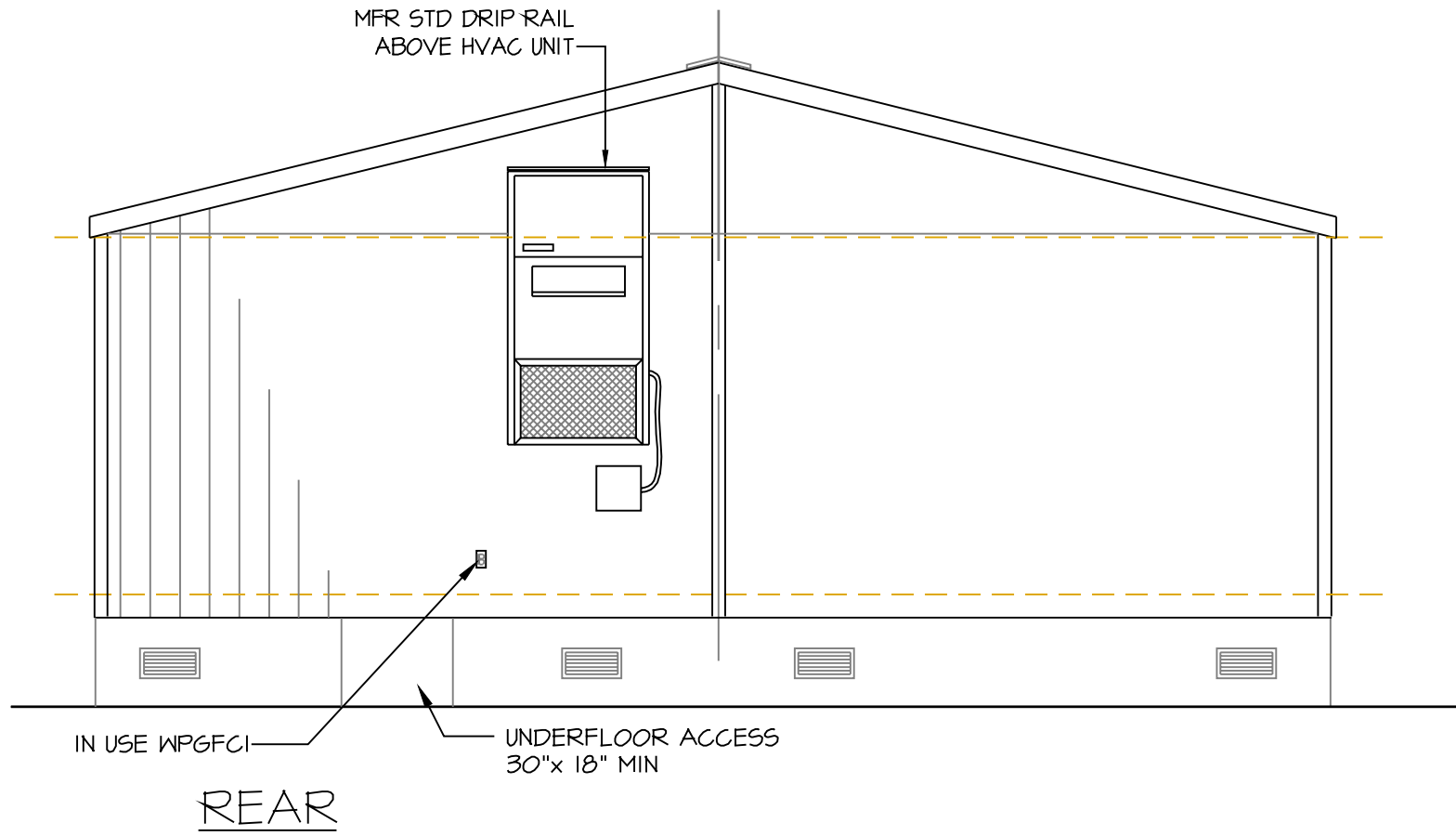
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PACIFIC MOBILE LEASE
JOB NAME 28'x 64' MOBILE CLASSROOM
FLOOR PLAN
SHEET TITLE
THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B
STD PLAN #: FBS0500075
DRAWN BY: ALV FILE: 3874-A

JOB NO: 3874
SHT. **A.1**
DATE: 4/04/06



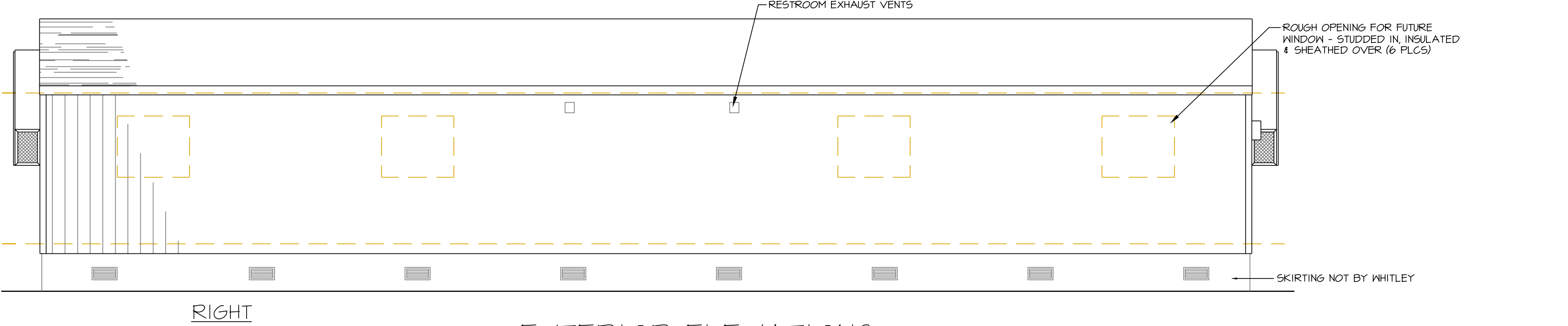
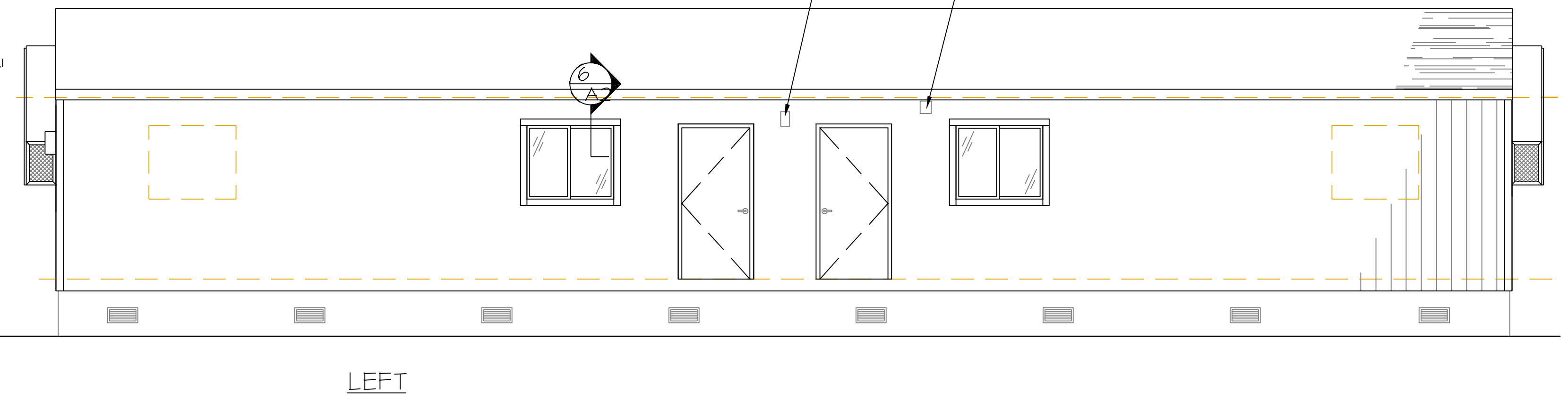
GABLE END VENTING IN ACCORDANCE W/ 2003 IBC 1203.1
SEE CALCULATION BELOW

$28' \times 64' = \frac{1792 \text{ SQ FT}}{300} = 5.97 \text{ SQ FT} \times 144 = 860 \text{ SQ IN}$ VENTING REQUIRED:

96 VENT NOTCHES X 9 SQ IN = 864 SQ IN VENTING PROVIDED:

FOUNDATION VENT CALCULATION:
 $28' \times 64' = \frac{1792 \text{ sq ft}}{150} = 11.94 \text{ sq ft} \times 144 = 1720.32 \text{ sq in}$

FOUNDATION VENTS PROVIDED:
24 VENTS AT 75 sq in EACH = 1800 sq in



EXTERIOR ELEVATIONS

Scale: 1/4" = 1'-0"

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/17/05
△	L&I/BCD/ID SUBMITTAL	5/23/05
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PACIFIC MOBILE LEASE

JOB NAME 28'x 64' MOBILE CLASSROOM

EXTERIOR ELEVATIONS

SHEET TITLE

THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B

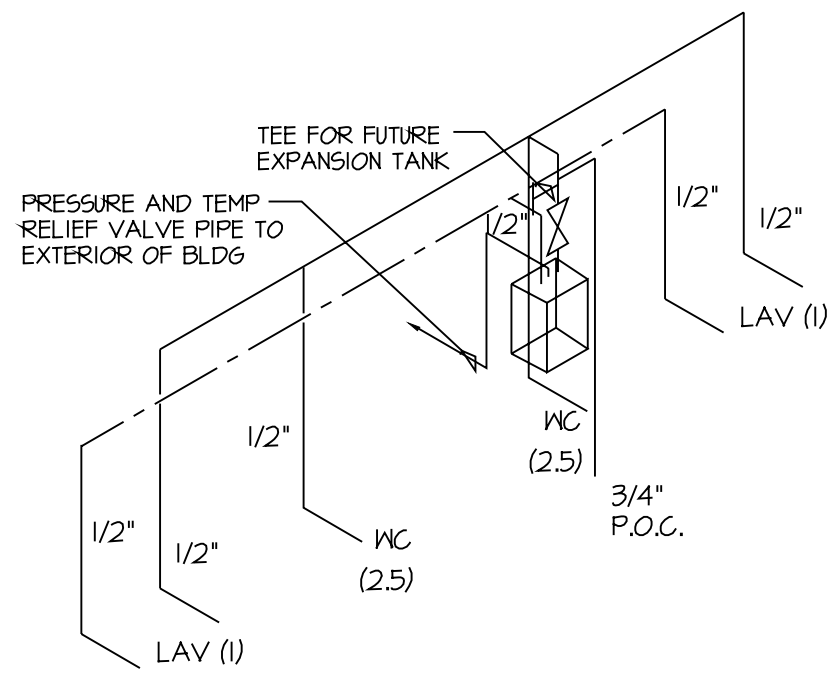
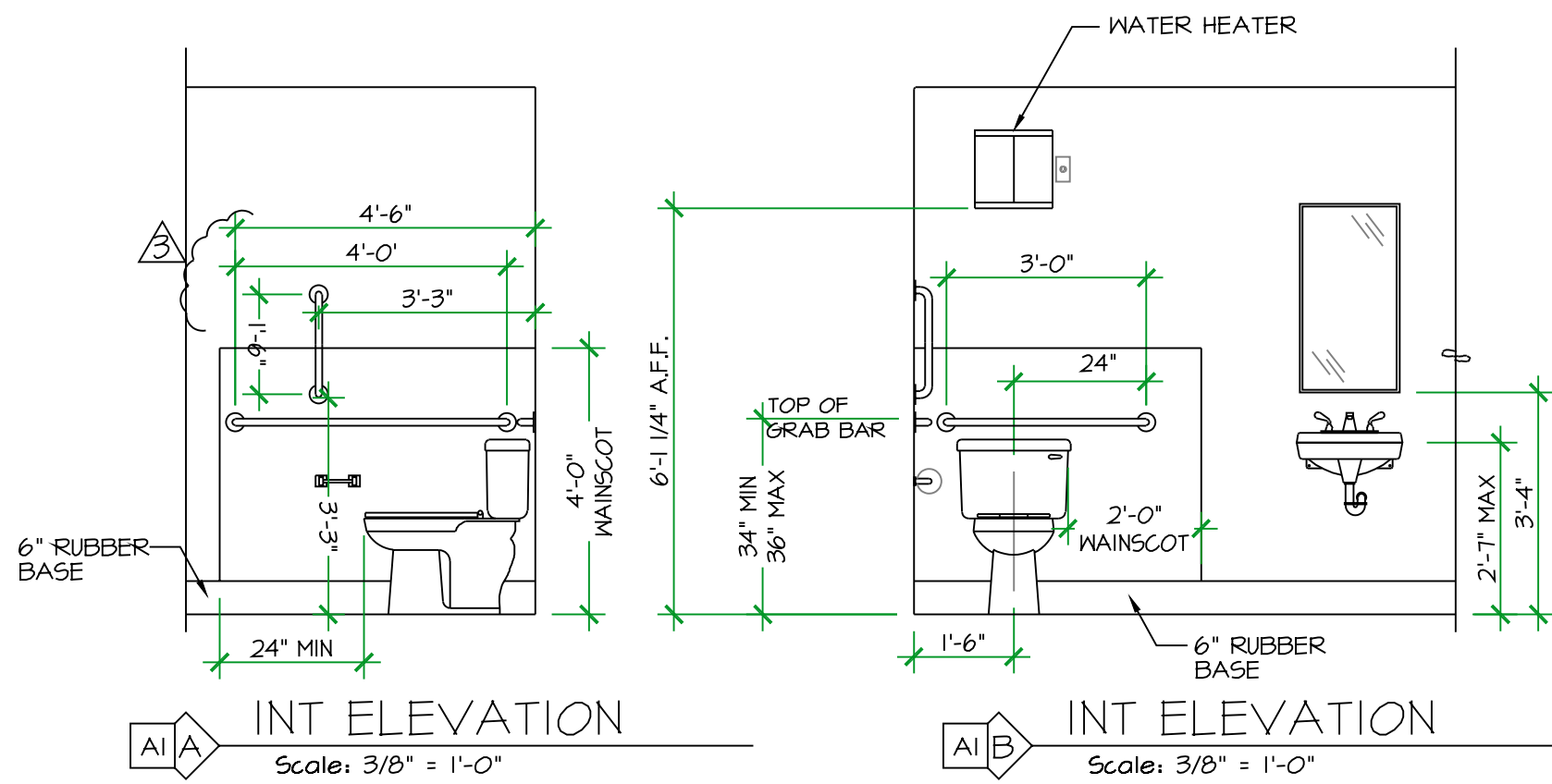
STD PLAN #: FBS0500075

DRAWN BY: ALV FILE: 3874-A

JOB NO: 3874

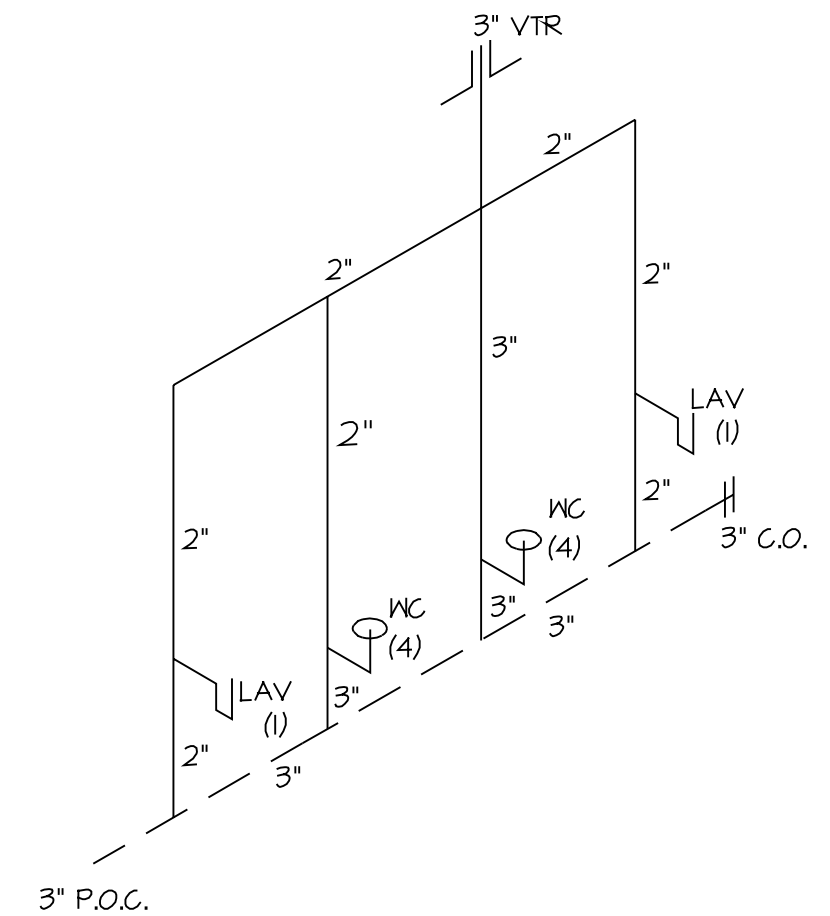
A.3

DATE: 4/04/06



SUPPLY
SCALE: NONE

FIXTURE UNIT CALCS 46-60 psi, 60' MAX DEVELOPED LENGTH							
WATER SUPPLY				DRAIN/WASTE/VENT			
QTY.	DESCRIPTION	EACH	TOTAL	QTY.	DESCRIPTION	EACH	TOTAL
2	WATER CLOSET	2.5	5	2	WATER CLOSET	4	8
2	LAVATORY	1	2	2	LAVATORY	1	2
3/4" METER - 3/4" BLDG SUPPLY			TOTAL	7.0	USE 4" MAIN		
					TOTAL		
					10		



DRAIN/WASTE/VENT
SCALE: NONE

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/17/05
△	L&I/BCD/ID SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

Pacific Mobile
Mobile & Modular Buildings

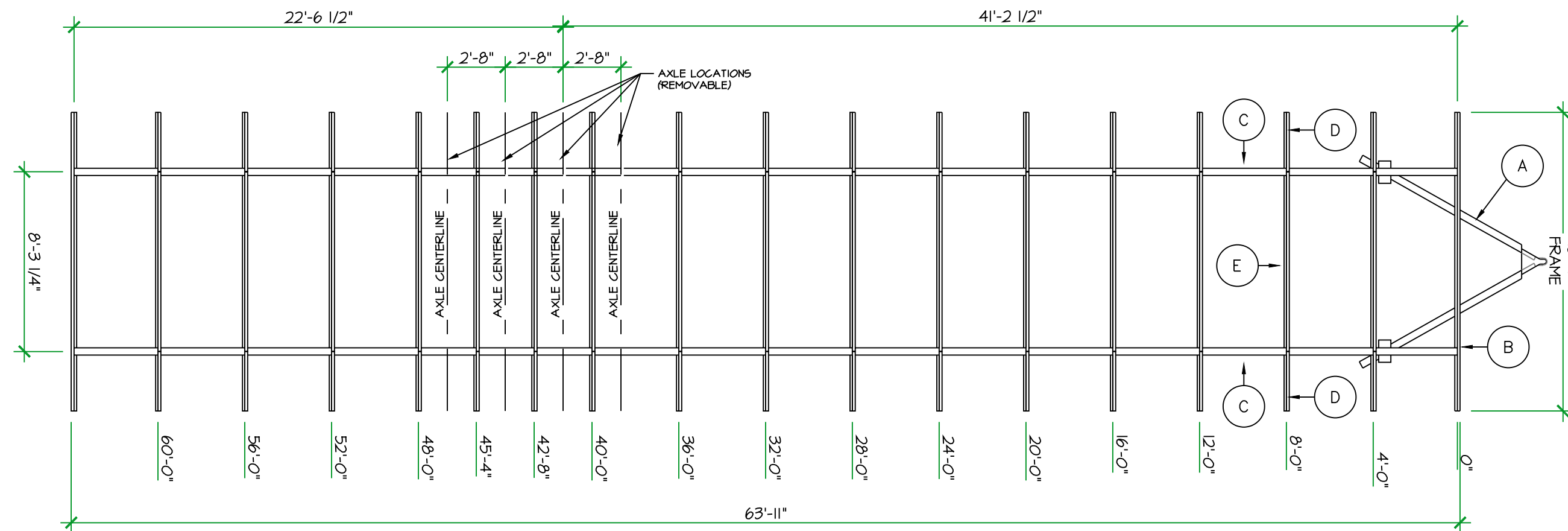
WHITLEY EVERGREEN INC.

14219 SMOKEY POINT BLVD.
MARYSVILLE, WA 98271
(360) 653-5190 (360) 654-7135 FAX.

PACIFIC MOBILE LEASE
28'x 64' MOBILE CLASSROOM
INTERIOR ELEVATIONS - PLUMBING
SHEET TITLE
THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

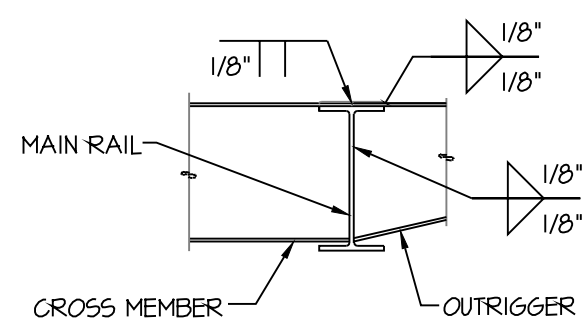
S/N: 0306-126/135-A/B
STD PLAN #: FBS0500075
DRAWN BY: ALV FILE: 3874-A

JOB NO: 3874
SHT. **A3.1**
DATE: 4/04/06



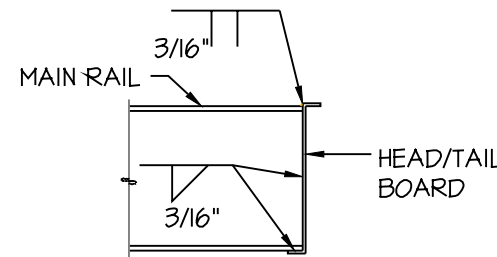
TRAILER FRAME PLAN

Scale: 3/16" = 1'-0"



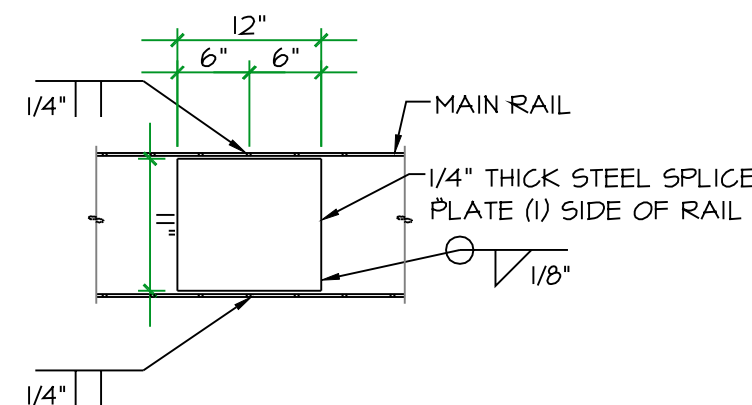
WELD DETAIL

Scale: 3/4" = 1'-0"



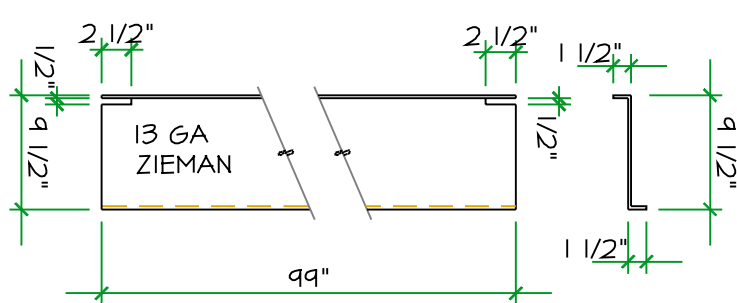
WELD DETAIL

Scale: 3/4" = 1'-0"



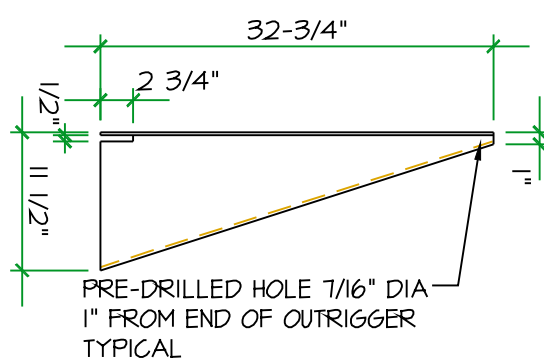
WELD DETAIL @ MAIN RAIL SPLICE

Scale: 3/4" = 1'-0"



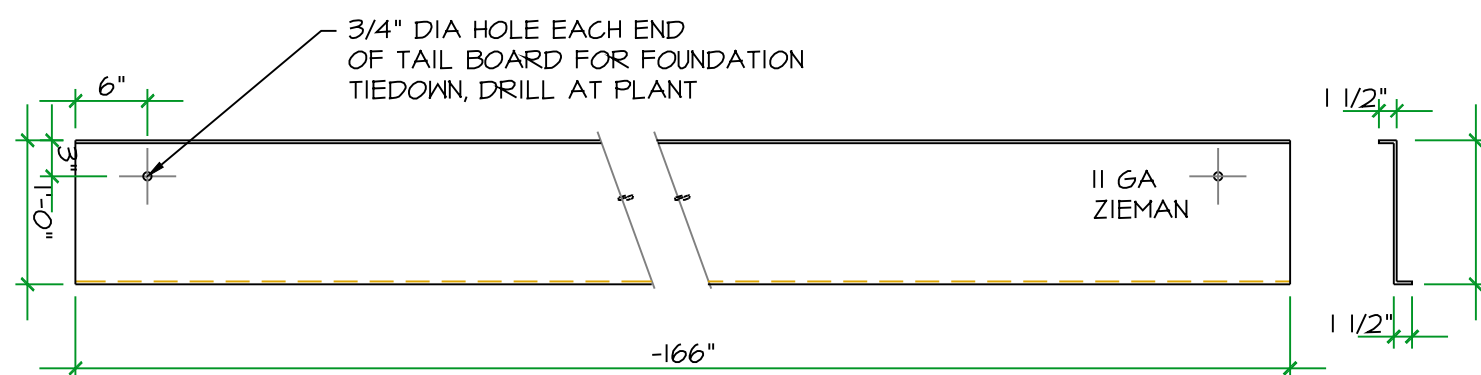
CROSS MEMBER

Scale: 3/4" = 1'-0"



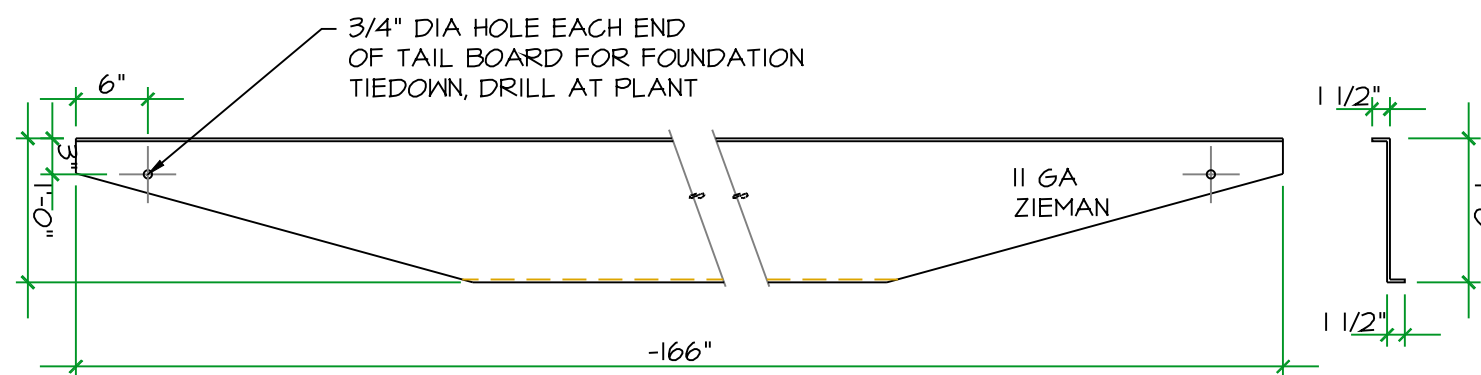
OUT RIGGER

Scale: 3/4" = 1'-0"



HEAD BOARD

Scale: 3/4" = 1'-0"



TAIL BOARD

Scale: 3/4" = 1'-0"

TRAILER FRAME COMPONENT SCHEDULE			
MARK	QTY.	DESCRIPTION	COMMENTS
(A)	2 EA	JACK - VENTURE MFG. CO. #1400 HITCH - VENTURE MFG. CO. #3060 DRAWBAR - W10x12	
(B)	2 EA	HEADBOARD - 12"x11GA. ZIEMAN TAILBOARD - 12"x11GA. ZIEMAN	
(C)	4	MAIN RAIL - W12x14	
(D)	60	OUT RIGGER - 12"x13GA ZIEMAN - 48" O.C.	
(E)	30	CROSS MEMBERS - 12"x13GA ZIEMAN - 48" O.C.	
(F)	8	AXLES - MFG. STD - ALL BRAKING	
(G)	16	TIRES - 8.00x14.5x12 PLY	

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/17/05
△	L&I/BGD/ID SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

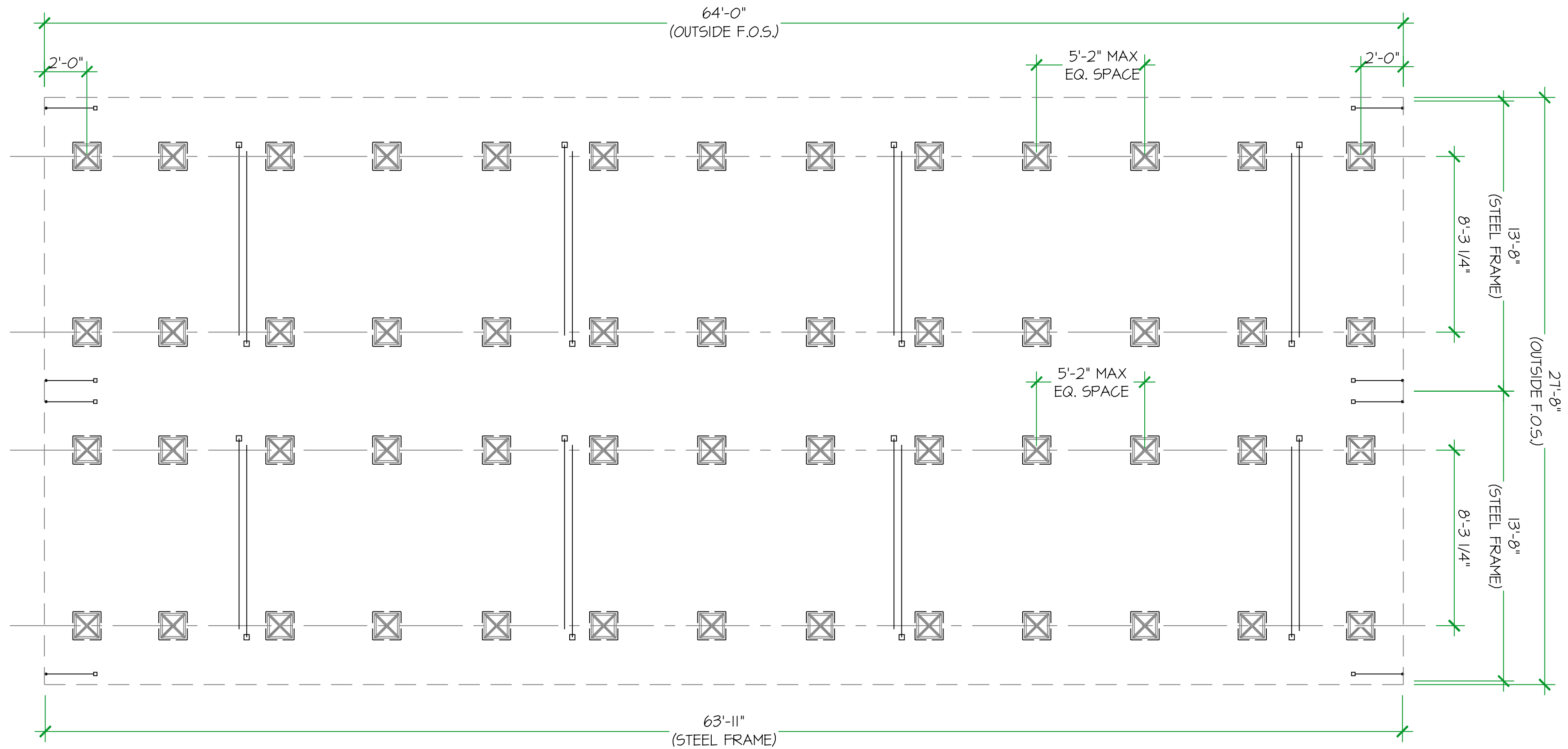
Pacific Mobile
Mobile & Modular Buildings

WHITLEY EVERGREEN INC.
14219 SMOKEY POINT BLVD.
MARYSVILLE, WA 98271
(360) 653-5790 (360) 654-7735 FAX.

PACIFIC MOBILE LEASE
JOB NAME 28'x64' MOBILE CLASSROOM
FRAME PLAN - DETAILS
SHEET TITLE
THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B
STD PLAN #: FBS0500075
DRAWN BY: ALV FILE: 3874-A

JOB NO: 3874
SHT. **A.4**
DATE: 4/04/06



FOUNDATION PLAN

Scale: 1/4" = 1'-0"

FOUNDATION NOTES:

1. SET 4 LEVEL JACK STANDS ON POLYVULC PADS AT THE SPACING SHOWN ON THIS DRAWING.
2. PLACE WOOD SHIMS ON TOP OF JACK STANDS TO LEVEL THE MOD.
3. THE TIE DOWN INSTALLATION SHOWN IN THIS DRAWING CONFORMS TO ANSI 119.1 NFPA 501 B, C.F.R. 24-PART 280.
4. ASSUME SOIL PRESSURE 1500#, VERIFY W/ LOCAL BUILDING OFFICIAL.
5. TIE DOWNS: IRON ROOT ANCHORS WITH "MINUTEMAN" STRAPS (OR EQUAL), APPROVED FOR THIS INSTALLATION. TYPE I CLASS "B" GRADE I STEEL STRAPPING 1-1/4" x .035, CONFORMING WITH FEDERAL SPEC. QQ-5-781-H MIN. BREAKING STRENGTH 4,125 LB.
6. PROVIDE UNDER FLOOR ACCESS PER IBC 1209.2

DESIGN LOADS:

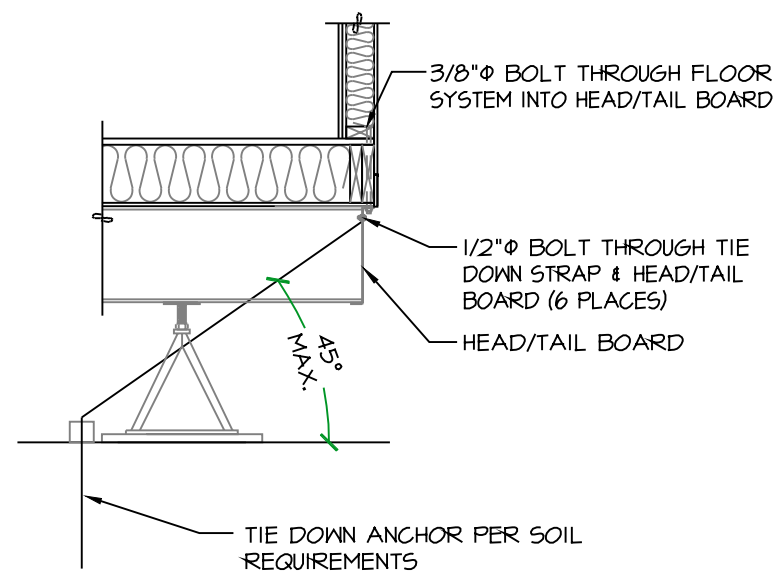
ROOF LIVE: 40 psf
 FLOOR LIVE: 40 psf W/
 1000# CONCENTRATED ON 30" SQ
 WIND: 85mph EXP C
 2003 IBC, SEISMIC DESIGN Sds = 1.00
 SEISMIC DESIGN CATEGORY = D
 MINIMUM SOIL BEARING CAPACITY 2000#

FOUNDATION VENT CALCULATION:

28' x 64' = 1792 sq. ft = 12.0 sq ft X 144 = 1728 sq in
 150

FOUNDATION VENTS PROVIDED:

24 VENTS AT 75 sq in EACH = 1800 sq in



1 CONNECTION DETAIL

Scale: 1/2" = 1'-0"

MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/17/05
△	L&I/BCD/D SUBMITTAL	5/25/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

Pacific Mobile
 Mobile & Modular Buildings

WHITLEY EVERGREEN INC.

14219 SMOKEY POINT BLVD.
 MARYSVILLE, WA 98271
 (360) 653-5190 (360) 654-1735 FAX.

PACIFIC MOBILE LEASE
 28'x 64' MOBILE CLASSROOM
FOUNDATION PLAN - DETAILS
 SHEET TITLE
 THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B
 STD PLAN #: FBS0500075
 DRAWN BY: ALV FILE: 3874-A

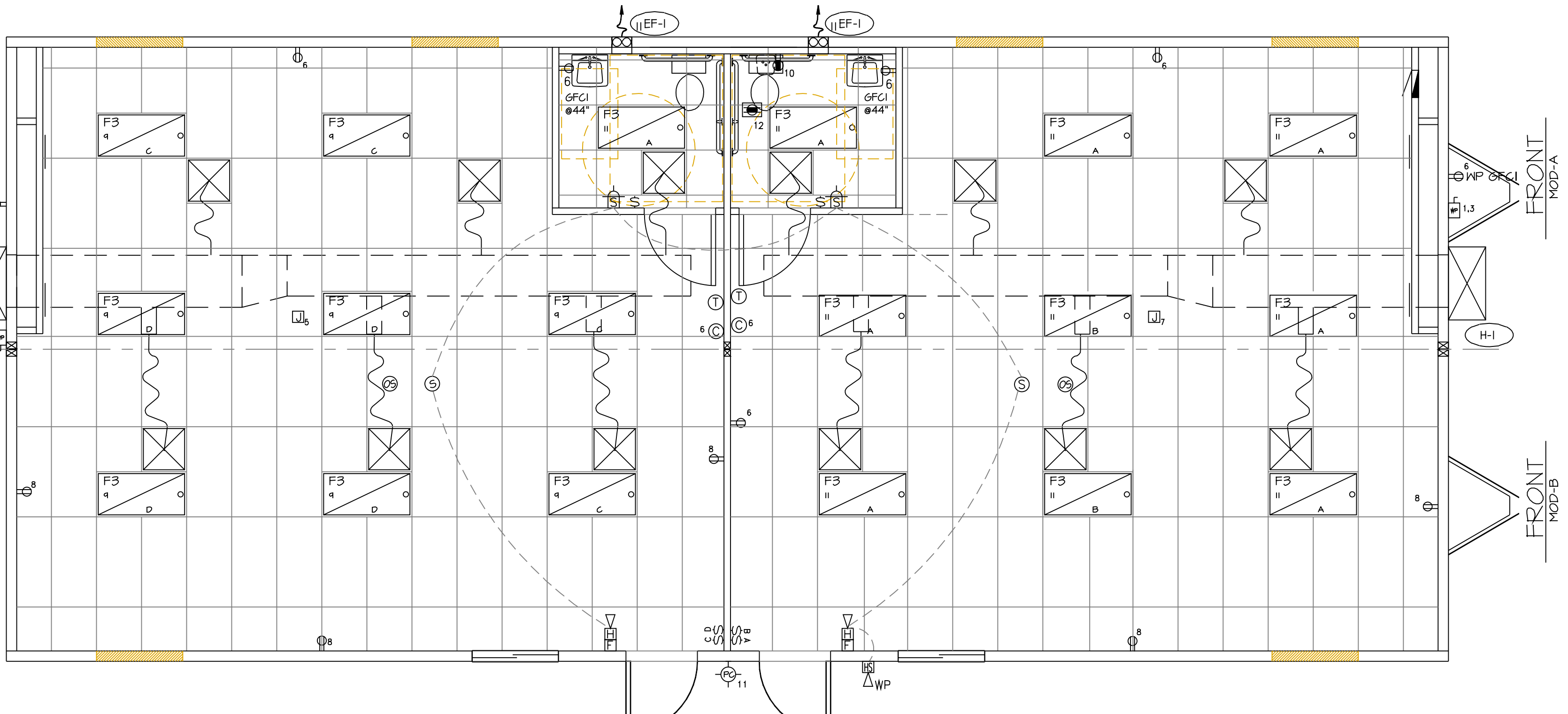
JOB NO: 3874
A.5
 DATE: 4/04/06

FIRE ALARM SYMBOLS

- FIRE ALARM PULL BOX @ 48" A.F.F. (ROUGH-IN)
- HORN STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- EXTERIOR WEATHER PROOFED HORN STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- SMOKE DETECTOR @ CEILING (ROUGH-IN)

ELECTRICAL SYMBOLS

- 2'x4' TROFFERS W/ PRISMATIC DIFFUSERS (3) F40T12/ES TUBES - (2) ELECTRONIC EE BALLASTS; 105 WATTS EACH
- EXTERIOR LUMINAIRE W/ PHOTO CELL 40W FLOURESANT
- SINGLE POLE SWITCH W/ COVER PLATE 15 AMP UNLESS NOTED OTHERWISE
- DEDICATED DUPLEX RECEPTACLE W/ COVER PLATE (20amp)
- LEVITON SWITCH, SINGLE POLE WITH COVER PLATE
- OCCUPANCY SENSOR: CONTROL UNIT - WATT STOPPER, B-120-E SENSOR - WATT STOPPER, CI-200
- DUPLEX RECEP. +18" A.F.F. (UNLESS OTHERWISE NOTED)
- CLOCK RECEPTACLE, 90" A.F.F.
- HVAC DISCONNECT
- J-BOX @ MOUNTED TO CEILING JOIST, FOR FUTURE POWER DROPS
- ELECTRICAL PANEL WITH REQ'D. BREAKERS
- WEATHER PROOF 20A G.F.C.I. UNDER FLOOR FOR HEAT TRACE



- HEAT PUMP: SEE EQUIPMENT SCHEDULE
- SUPPLY AIR DIFFUSER, MAKE AND MODEL TBD BALANCING DAMPER & NO LABOR COLLAR SIZE PER PLAN
- FLEX DUCT 8" φ
- 1" DUCT BOARD W/ SEAMS TAPED AND SEALED W/ 1 1/2" DUCT WRAP (R-B TOTAL) 28"x 8" I.D. x 10', 20"x 8" I.D. @ 15'
- 7-DAY PROGRAMMABLE T'STAT @ 46" A.F.F.
- WALL MOUNTED EXHAUST FAN SWITCHED W/LIGHT - SEE MECH. SCHEDULE

- #### ELECTRICAL / LIGHTING
- THIS BUILDING MEETS THE REQUIREMENTS OF THE 2005 NEC AND AMMENDMENTS MAC 296-46A
 - THIS BUILDING MEETS THE REQUIREMENTS OF THE 2004 WA STATE ENERGY CODE
 - ENTIRE BUILDING TO BE WIRED IN FLEX , E.M.T
 - SERVICE ENTRANCE - BY OTHERS
 - LIGHTING CONTROLS SHALL BE PROVIDE FOR EACH SEPARATE AREA, READILY ACCESSIBLE AT THE POINT OF ENTRY/EXIT. CONTROLS SHALL BE CAPABLE OF TURNING OFF ALL LIGHTS WITHIN THE SPACE (WSEC 1513.1) (WSEC 1513.2)
 - MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR CONTROL SHALL NOT EXCEED A 20 AMPERE CIRCUIT LOADED TO 80% CAPACITY
 - ALL LIGHTS WITHIN DAY LIGHTED ZONES SHALL BE PROVIDED WITH INDEPENDENT CONTROLS SEPARATE FROM THE GENERAL LIGHTING (WSEC 1513.3)
 - EXTERIOR LIGHTS SHALL BE CONTROLLED BY A PHOTOCELL (WSEC 1513.5)
 - ALL LIGHTING CONTROLS WHICH INCLUDE OCCUPANT OR DAYLIGHT SENSING, AUTOMATIC CONTROLS OR TIME SWITCHES SHALL BE TESTED TO ENSURE THAT SYSTEMS OPERATE PER DESIGN PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH OWNER. (WSEC 1513.7)
 - HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT, AND SYSTEMS ARE CALIBRATED, ADJUSTED, AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE FILED WITH THE OWNER. COMMISSIONING REPORT SHALL COMPLY WITH WSEC 1416.4.2.2 (WSEC 1414.4.1)

LIGHTING/POWER BUDGET

WSEC LTG BUDGET				
AREA	TYPE	SQ.FT.	VA/SQ.FT.	BUDGET
# CLASS-RM		1,700.0	1.35	2,295.0
EXTERIOR		184.0	7.5	1,380.0
DESCRIPTION	CONNECTED VA	CODE FACTOR	DEMAND VA	
			WASH	OREGON
INT. LIGHTING				
WSEC	2,016.0	1.25	2,520.0	1,700.0
EXEMPT	0.0	1.25	0.0	3.5
NEC(OREGON)				5,950.0
SUB-TOTAL	2,016.0		2,520.0	
EXTERIOR LIGHTING				
NON-EXEMPT	40.0	1.25	50.0	50.0
RECEPTACLES				
THRU 10,000	2,160.0	1.00	2,160.0	2,160.0
MOTORS				
LARGEST	3,096.0	1.25	3,870.0	3,870.0
REMAINING	4,872.0	1.00	4,872.0	4,872.0
SPACE HEATING	20,000.0	1.00	20,000.0	20,000.0
MISC.	7,200.0	1.00	7,200.0	7,200.0
TOTAL WATTS	39,384.0		40,672.0	44,102.0
TOTAL AMPS	164.1		169.5	183.8
125% DEMAND FACTOR (IDAHO ONLY)			211.8	

LIGHTING/POWER/MECH PLAN

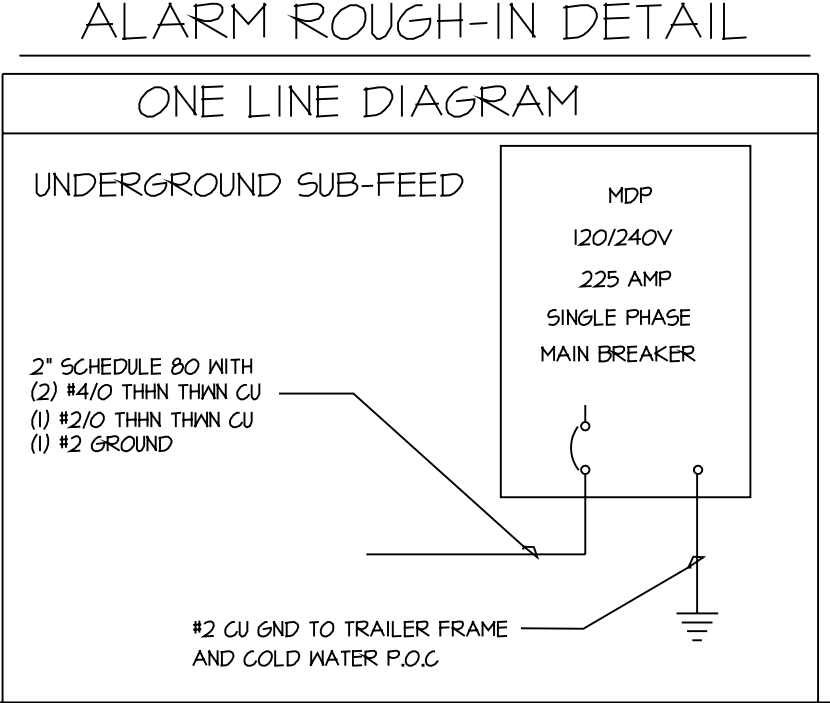
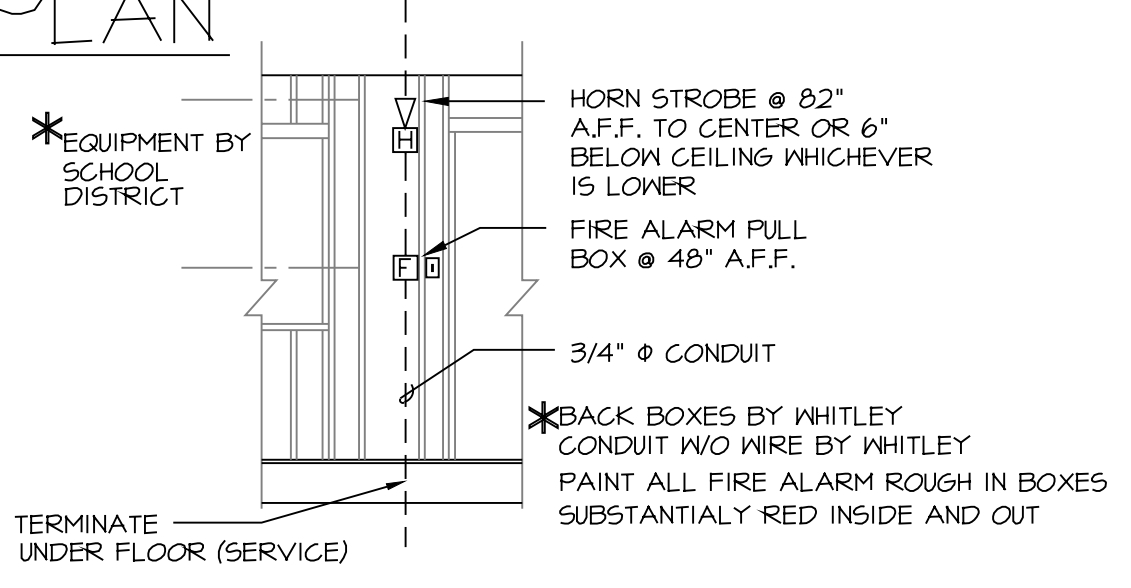
Scale: 1/4" = 1'-0"

HVAC EQUIPMENT SCHEDULE

MARK	QTY.	DESCRIPTION	COMMENTS
(H-1)	2	BARD #WH301-A10 - 2 1/2 TON WALL MOUNTED HEAT PUMP W/ 10 kW HEAT STRIP - PROGRAMMABLE T'STAT. 30,000 BTUH COOLING - 8.1 EER 28,000 HEATING - COP 3.0 1345 CFM @ 0 ESP DRY COIL	W/ ECONOMISER 100% OSA CAPABILITY CONTROLS FOR PARTIAL COOLING
(EF-1)	2	EXHAUST FAN: NUTONE 8870 80 CFM, 120v, 180v thru WALL	SWITCH WITH LIGHT

PANEL SCHEDULE

MOUNTING:		ENCLOSURE:		FLUSH		120/240 VOLTS		1 PHASE		WIRE: 4	
CK		DESCRIPTION		KVA		PAMPA		BAMPP		KVA	
1	HEAT PUMP	7.0	2	80	2	7.0	HEAT PUMP	2			
3		7.0				7.0					4
5	FUTURE POWER DROP	1.9	1	20	1	1.6	RECEP (A MOD) CLOCK	6			8
7	FUTURE POWER DROP	1.9	1	20	1	0.9	RECEP (B MOD)	8			10
9	LIGHTS	1.0	1	20	1	1.5	WATER HEATER	10			12
11	LIGHTS/EXT LITE	1.0	1	20	1	1.5	HEAT TRACE	12			14
13											16
15											18
17											20
19											22
21											24
23											
CONTRIBUTION FROM PANEL				TOTAL CONNECTED				KVA 39.4			
PHASE A: 20.0								AMPS 164.1			
PHASE B: 19.4											
SUBTOTAL: 39.4				TOTAL DEMAND				KVA: 40.7			
								AMPS: 169.5			



MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/11/05
△	L&I/BCD/D SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

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Mobile & Modular Buildings

WHITLEY EVERGREEN INC.
14219 SMOKEY POINT BLVD.
MARYSVILLE, WA 98271
(360) 653-5790 (360) 654-7735 FAX.

PACIFIC MOBILE LEASE
JOB NAME: 28'x 64' MOBILE CLASSROOM
LIGHTING/POWER/MECH PLAN
SHEET TITLE
THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B
STD PLAN #: FBS0500075
DRAWN BY: ALV FILE: 3874-E

JOB NO: 3874
SHT: E.I
DATE: 4/04/06

FIRE ALARM SYMBOLS

- PAINT ALL ALARM ROUGH IN BOXES SUBSTANTIALLY RED INSIDE AND OUT
- FIRE ALARM PULL BOX @ 48" A.F.F. (ROUGH-IN)
- HORN STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- EXTERIOR WEATHER PROOFED HORN STROBE @ 82" A.F.F. TO CENTER (ROUGH-IN)
- SMOKE DETECTOR @ CEILING (ROUGH-IN)

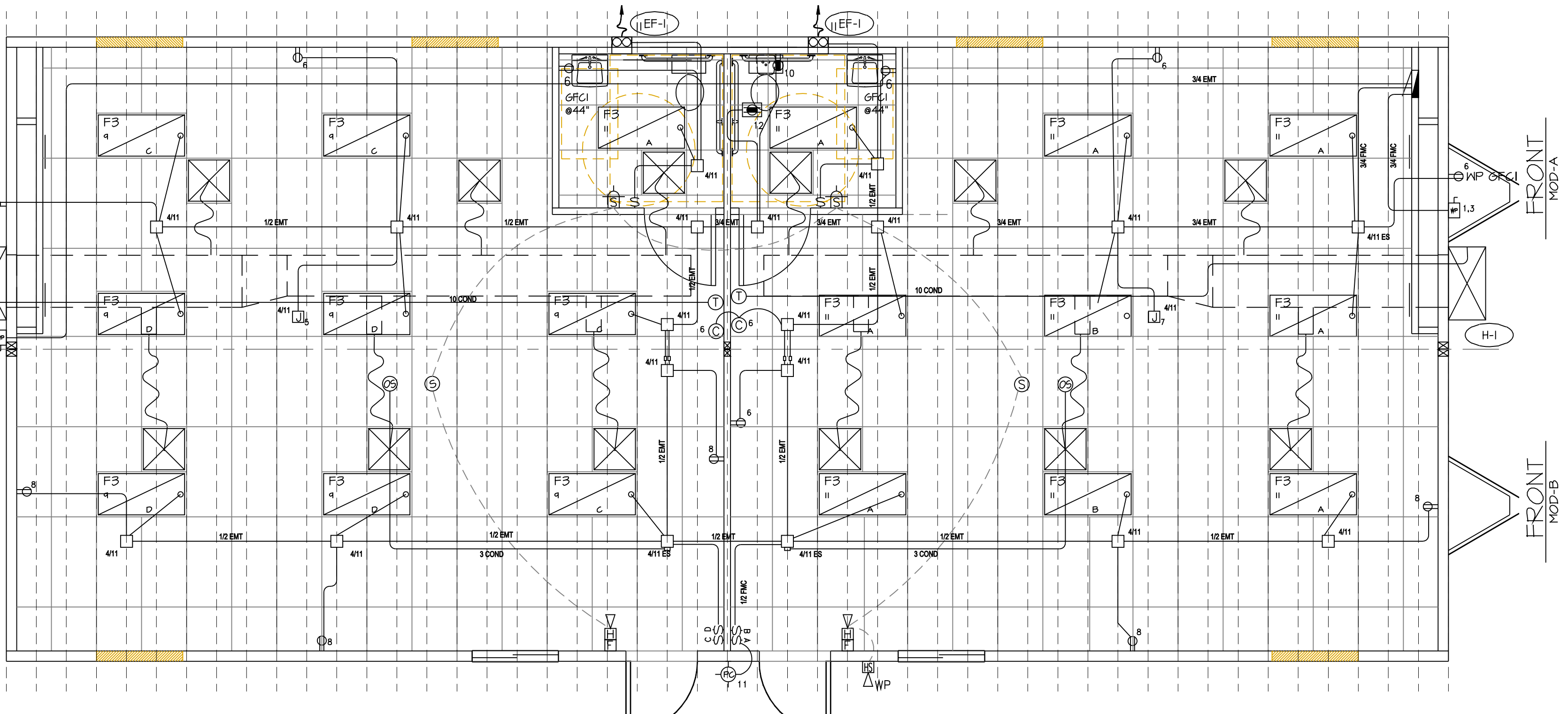
ELECTRICAL SYMBOLS

- 2'x4' TROFFERS W/ PRISMATIC DIFFUSERS (3) F32 T8 TUBES - (2) ELECTRONIC EE BALLASTS; 96 WATTS EACH
- EXTERIOR LUMINAIRE W/ PHOTO CELL 40w FLOURESANT
- SINGLE POLE SWITCH W/ COVER PLATE 15 AMP UNLESS NOTED OTHERWISE
- DEDICATED DUPLEX RECEPTACLE W/ COVER PLATE (20amp)
- LEVITON SWITCH, SINGLE POLE WITH COVER PLATE
- OCCUPANCY SENSOR: CONTROL UNIT - MATT STOPPER, B-120-E SENSOR - MATT STOPPER, CI-200
- DUPLEX RECEP. +18" A.F.F. (UNLESS OTHERWISE NOTED)
- CLOCK RECEPTACLE, 90" A.F.F.
- HVAC DISCONNECT
- J-BOX @ MOUNTED TO CEILING JOIST, FOR FUTURE POWER DROPS
- ELECTRICAL PANEL WITH REQ'D. BREAKERS
- WEATHER PROOF 20A G.F.C.I. UNDER FLOOR FOR HEAT TRACE

- HEAT PUMP: SEE EQUIPMENT SCHEDULE
- SUPPLY AIR DIFFUSER, MAKE AND MODEL TBD BALANCING DAMPER & NO LABOR COLLAR SIZE PER PLAN
- FLEX DUCT 8" Ø
- 1" DUCT BOARD W/ SEAMS TAPED AND SEALED W/ 1 1/2" DUCT WRAP (R-B TOTAL) 28"x 8" I.D. x 10'; 20"x 8" I.D. @ 15'
- 7-DAY PROGRAMMABLE T'STAT @ 46" A.F.F.
- WALL MOUNTED EXHAUST FAN SWITCHED W/LIGHT - SEE MECH. SCHEDULE

ELECTRICAL / LIGHTING

1. THIS BUILDING MEETS THE REQUIREMENTS OF THE 2005 NEC AND AMMENDMENTS MAC 296-46A
2. THIS BUILDING MEETS THE REQUIREMENTS OF THE 2004 WA STATE ENERGY CODE
3. ENTIRE BUILDING TO BE WIRED IN FLEX , E.M.T
4. SERVICE ENTRANCE - BY OTHERS
5. LIGHTING CONTROLS SHALL BE PROVIDE FOR EACH SEPARATE AREA, READILY ACCESSIBLE AT THE POINT OF ENTRY/EXIT. CONTROLS SHALL BE CAPABLE OF TURNING OFF ALL LIGHTS WITHIN THE SPACE (WSEC 1513.1)
6. MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR CONTROL SHALL NOT EXCEED A 20 AMPERE CIRCUIT LOADED TO 80%. CAPACITY
7. ALL LIGHTS WITHIN DAY LIGHTED ZONES SHALL BE PROVIDED WITH INDEPENDENT CONTROLS SEPARATE FROM THE GENERAL LIGHTING (WSEC 1513.3)
8. EXTERIOR LIGHTS SHALL BE CONTROLLED BY A PHOTOCELL (WSEC 1513.5)
9. ALL LIGHTING CONTROLS WHICH INCLUDE OCCUPANT OR DAYLIGHT SENSING, AUTOMATIC CONTROLS OR TIME SWITCHES SHALL BE TESTED TO ENSURE THAT SYSTEMS OPERATE PER DESIGN PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH OWNER. (WSEC 1513.7)
10. HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT, AND SYSTEMS ARE CALIBRATED, ADJUSTED, AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE FILED WITH THE OWNER. COMMISSIONING REPORT SHALL COMPLY WITH WSEC 1416.4.2.2 (WSEC 1414.4.1)



LIGHTING/POWER/MECH PLAN

Scale: 1/4" = 1'-0"

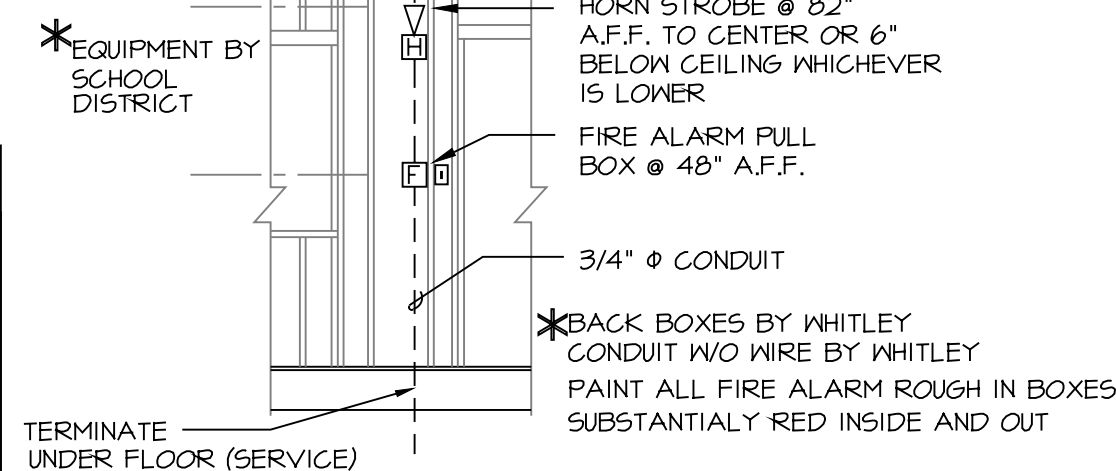
BLK	6		BLK	11	
RED	8	XO	RED	A LEG	XO
BLU	CAP	1	BLU	B LEG	1
WHT	6,8 N		WHT	11N	
BLK	9				
RED	C LEG	XO			
BLU	D LEG	2			
WHT	9 N				

COLORS

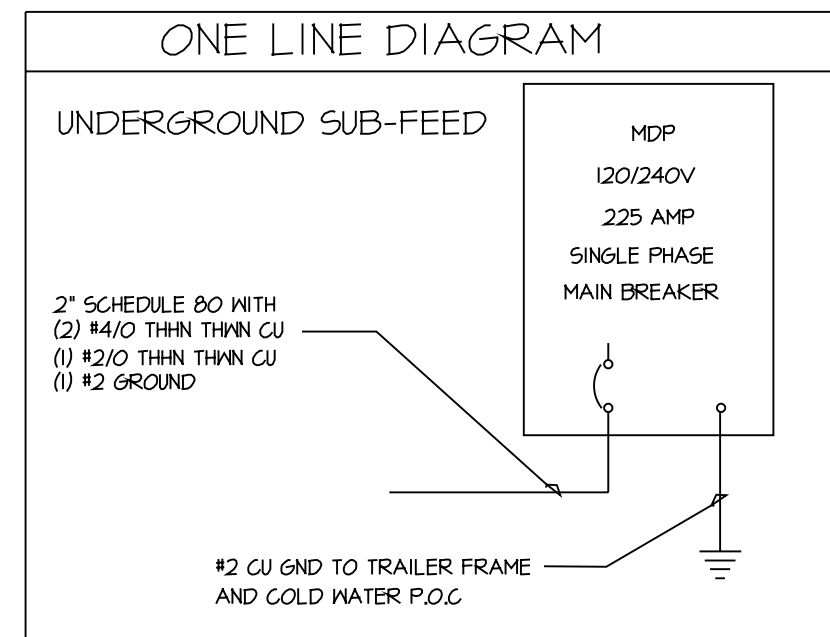
- 1 #4 BLK > 8 GRN
- 2 #4 BLK > 8 GRN
- 3 #4 BLK > 8 GRN
- 4 #4 BLK
- 5 BLK
- 6 BRN
- 7 RED > WHT/BLK
- 8 YEL > WHT/BLU
- 9 BLU
- 10 PUR > WHT/RED
- 11 ORG > WHT
- 12 BLK > WHT/RED

HVAC EQUIPMENT SCHEDULE			
MARK	QTY.	DESCRIPTION	COMMENTS
H-1	2	BARD #WH301-A10 - 2 1/2 TON WALL MOUNTED HEAT PUMP W/ 10 kW HEAT STRIP - PROGRAMMABLE T'STAT. 30,000 BTUH COOLING - 8.1 EER 28,000 HEATING - COP 3.0 1345 CFM @ 0 ESP DRY COIL	W/ ECONOMISER 100% OSA CAPABILITY CONTROLS FOR PARTIAL COOLING
EF-1	2	EXHAUST FAN: NUTONE Ø870 80 CFM, 120v, 180v thru WALL	SWITCH WITH LIGHT

PANEL SCHEDULE				PANEL No.		MDP	
MOUNTING:				LOCATION:		INTERIOR	
ENCLOSURE:				FLUSH		WIRE: 4	
				120/240 VOLTS		10,000 AIC	
				225 AMPS W/ MAIN BREAKER			
CK	DESCRIPTION	KVA	PHASE	AMPS	DESCRIPTION	CK	
1	HEAT PUMP	7.0	2	80	HEAT PUMP	2	
3		7.0				4	
5	FUTURE POWER DROP	1.9	1	20	RECEP (A MOD) CLOCK	6	
7	FUTURE POWER DROP	1.9	1	20	RECEP (B MOD)	8	
9	LIGHTS	1.0	1	20	WATER HEATER	10	
11	LIGHTS/EXT LITE	1.0	1	20	HEAT TRACE	12	
13						14	
15						16	
17						18	
19						20	
21						22	
23						24	
CONTRIBUTION FROM PANEL		20.0	TOTAL CONNECTED		KVA	39.4	
PHASE A:		19.4	TOTAL DEMAND		AMPS	164.1	
PHASE B:					KVA	40.7	
SUBTOTAL:		39.4			AMPS:	169.5	



ALARM ROUGH-IN DETAIL



MARK	REVISION	Date
△	CUSTOMER SUBMITTAL	5/11/05
△	L&I/BCD/D SUBMITTAL	5/23/05
△	L&I - PLAN RENEWAL & ENERGY CODE UPDATE	4/10/06

Pacific Mobile
Mobile & Modular Buildings

WHITLEY EVERGREEN INC.
14219 SMOKEY POINT BLVD.
MARYSVILLE, WA 98271
(360) 653-5790 (360) 654-7735 FAX.

PACIFIC MOBILE LEASE
JOB NAME: 28'x 64' MOBILE CLASSROOM
E- SHOP
SHEET TITLE
THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF WHITLEY EVERGREEN INC.

S/N: 0306-126/135-A/B
JOB NO: 3874
STD PLAN #: FBS0500075
GHT: E.I
DRAWN BY: ALV FILE: 3874-E
DATE: 5/04/06

DATE: 5/04/06