

Blazer Industries, Inc.

SPEC SHEET- ES2864HCRR (2009 STD)

DESIGN LOADS:

Date: Revised 4/29/09  
 Customer: **Equipment Supply LLC**  
 Location: \_\_\_\_\_  
 Project: **Lease Unit**

Size: 28x64  
 Description: Classroom/HCRR  
 Insignias: Washington Gold and Modular Building Institute Seals  
 Floor: 40  
 Wind: 110/B  
 Roof: 30

PONY WALL  
FOUNDATION

Offset rim joist to accommodate shear wall flush with exterior siding.  
 All weather wood shear wall material stamped for ground contact, shipped loose required pieces of 1/2" PT CDX plywood with (4) corners and vents, painted to match siding.  
 Tie down straps included, quantity as confirmed by customer foundation plan.

FLOOR

Joists: 2x8 @ 16" o/c with joist hangers  
 Rims: Continuous single 2x8 microllam  
 NOTE: Moist-stop water barrier applied to perimeter (over gyplap) at rims and end joists  
 Bottom Board: Class "A" woven poly. Fabric seamless  
 Insulation: R25 Cellulose blow in - Use R25 fiberglass batt at plumbing and bolting locations  
 Decking (1st): 3/4" Advantech Tongue and Groove - Glued and nailed  
 Decking (2nd): 1/4" Ultraply XL in Restrooms

WALLS

Framing (EXT): 2x6 @ 16" o/c with continuous single 2x6 microllam top plate - Height = 97"  
 Framing (INT): 2x4 @ 24" o/c, plumbing wall to be either 2x6 or 2x8  
 Plenum Walls: NC35 Sound reducing lined with 5/8" sheetrock  
 Columns: Wood end columns and steel post built into dividing wall  
 Insul-Exterior: R19 fiberglass batt  
 Insul-Interior: R11 fiberglass batt sound insulation at interior wall to bottom of rafters  
 Sheathing: 5/8" Type-X fire rated gyplap  
 Siding: 7/16" LP SmartSide Panel T1-11 with grooves 8" o/c over Housewrap  
 NOTES: No horizontal breaks in siding except at endwalls - Use 4'x9' panels  
 Moist-stop water barrier applied to perimeter (over gyplap) at rims and end joists  
 Trims: Corners: 1x4 TruWood Trim  
 NOTE: 2" x 2" galvanized flashing applied over siding and under corners  
 Mod line: 1x4 TruWood Trim  
 Fascia: 1x6 TruWood Trim  
 Doors: 1x4 TruWood Trim  
 Windows: 1x4 TruWood Trim

## DOORS

Framing:	2x10 Rafters @ 24" o/c - Roof pitch = 2/12
Ridgebeam:	Continuous microllam 1-1/2"x 24"
Insulation:	R30 Cellulose blow in
Sheathing:	7/16" OSB
Cover:	Pabco 30 yr. Architectural shingle - High Wind Application
NOTE:	Mop tar under shingles from eave up 2'-0" towards ridge - Typical both eaves
Venting:	Continuous Eave & Ridge

## DOORS

	EXT/INT	QTY	SIZE	TYPE	HINGES	FINISH	LOCK	CLOSER	PANIC
1	EXTERIOR	2	3'x6'8"	HM/GALV WELDED	SS-BBH NRP	PAINT	SCHLAGE CYLINDER	LCN 1461	VON DUPRIN 22L
2	INTERIOR	2	3'x6'8"	PW/SV	STD	VWCO	LC2276 PRIVACY		

DOOR HARDWARE TO HAVE #626 SATIN CHROMIUM PLATED FINISH

### EXTERIOR

HM = Insulated Steel door w/ Welded Steel Jamb

GALV = Galvanized

### INTERIOR

PW = Prehung Wood

SV = Solidcore Vinylwrap

### FINISH

VWCO = Vinylwrap Colonial Oak

## WINDOWS

	EXT/INT	QTY	SIZE W x H	BRAND	SLIDER	GLAZING	FINISH	BLINDS	TINT
1	EXTERIOR	4	48"x48"	ATRIUM	HORIZ	DUAL LOW E	WHITE VINYL	MINI	SOLAR BRONZE

GALVANIZED FLASHING INSTALLED UNDER EXTERIOR TRIM ABOVE WINDOWS

## INTERIOR FINISHES

Floors: Restrooms:	Congoleum "Diamond" #9230 sheet vinyl
All Else:	On site by others
Walls: Restrooms:	5/8" Vinylwrap sheetrock (Type-X fire rated sheetrock) and plastic laminate wainscot per code
Dividing:	1/2" Vinylwrap Tackboard over 5/8" Type-X fire rated sheetrock both sides of dividing wall
All Else:	5/8" Vinylwrap sheetrock (Type-X fire rated sheetrock)
Base: Restrooms:	6" rubber
All Else:	On site by others
Trims: Walls:	Vinylwrap corners and batts to match wall color
Windows:	Vinylwrap Colony Oak wood surrounds and casing
Door:	Vinylwrap Colony Oak wood casing as required
Ceiling: Entire Building:	2'x4' T-bar grid and tile - Height: 8'-0"
Tile: Entire Building:	T-bar tiles Armstrong "Cortega" #769A

<b>HVAC</b>	
Comb Heat/AC:	(2) Bard wall hung Heat Pumps - 2.5 ton 8 kw with Economizers - rated nominal 10 EER
NOTE:	Minimum code required is 8.6 EER (Energy Efficiency Rating)
Supply Ducting:	Round galvanized overhead and insulated flexduct with flexduct sound isolation sleeves
Diffuser:	24"x24" T-bar with NO dampers - Flow controls at supply plenum and wyes
Thermostat:	(2) 7-day programmable - Honeywell VisionPRO TH8320U
Return Air:	Thru return air grills in plenum walls; bottom of grills mounted 6" above finished floor
Outside Air:	As required to meet the Washington State Indoor Ventilation Code for Classrooms
Exhaust Fans:	(2) 110 CFM - Switched with light <span style="float: right;">Broan QTRE110</span>
<b>PLUMBING</b>	
HC Toilets:	( 2 ) Handicap Height, Elongated Bowl, Pressure Assist <span style="float: right;">Gerber 21-318</span>
Toilet Tissue:	( 2 ) single roll
Grab Bars:	( 2 ) 18", (2) 36" & (2) 42"
Lavatory:	( 2 ) 19 x 17 Wall Hung, One Piece Wall Hanger <span style="float: right;">Gerber 12-314</span>
Lav. Faucet:	( 2 ) Ceramic Disc, Hot Limit Stop, ADA Lever Handle <span style="float: right;">A/S 2385.404</span>
Mirror:	( 2 ) 24"x36" - glass with no frame
Water Heater:	( 1 ) 2 1/2 Gallon, 120 Volts, 1440 Watts, High Efficiency <span style="float: right;">Ruud PEP2-1</span>
NOTE:	Water Heater mounted on wall in Restroom above toilet
Sewer Lines:	PVC DWV Schedule 40 Plastic
Water Lines:	Copper & Aquapex
<b>ELECTRICAL</b>	
Design/Approval:	Electrical system designed/stamped by licensed electrical engineer as required. Includes State of Washington special approval/compliance for classrooms.
Meter Base:	On site by others if required
Service:	120/240V Single phase - Stub through exterior wall
Panel:	(1) 200 amp <span style="float: right;">Square D HOM2040M200TC</span>
Material:	Metallic Raceway System
Receptacles:	(8) Duplex 20 amp <span style="float: right;">Leviton CR20</span> (2) Clock 15 amp <span style="float: right;">Leviton 688</span> (2) 15 amp GFCI <span style="float: right;">Leviton 8599-CP</span> (2) 15 amp GFCI WP <span style="float: right;">Leviton 8599-CP w/ Intermatic WP 1100C cover</span>
Switches:	(6) Single pole <span style="float: right;">Leviton CS120</span>
NOTES:	Automatic shut-off provided for classroom lights All devices and face plates to be ivory
Light:	(18) Troffer 2'x4' 3-tube <span style="float: right;">Day-Brite #3TG8 Series or equal</span>
Tubes:	T-8, 32 watt <span style="float: right;">70CRI, 3500K</span>
Ballast:	Single electronic <span style="float: right;">Advance-Centium ICN-3P32-SC or equal</span>
Porch Light:	(1) 13 watt fluorescent with vandal resistant cover and integral Photo Cell <span style="float: right;">Lithonia TWS-13TT</span>
Ext. Emergency Light:	(1) dual head with battery back up <span style="float: right;">Luna LA25-SE-US-AT</span>
Raceway Only:	Exterior Horn/Strobe (1) Pull Station (2) Interior Horn/Strobe (4)