

Blazer Industries, Inc.

SPEC SHEET- ES4264D HCRR (2009 STD)

DESIGN LOADS:

Date:	<u>Revised 4/29/09</u>	Size:	<u>42x64</u>	Floor:	<u>40</u>
Customer:	<u><b>Equipment Supply LLC</b></u>	Description:	<u>Daycare/HCRR</u>	Wind:	<u>110/B</u>
Location:	<u></u>		<u>Modular</u>	Roof:	<u>30</u>
Project:	<u><b>Lease Unit</b></u>	Insignias:	<u>Washington Gold and Modular Building Institute Seals</u>		

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 and Kitchen

WALLS

Framing (EXT):	2x6 @ 16" o/c with continuous single 2x6 microllam top plate - Height = 97"
Framing (INT):	2x4 @ 24" o/c- Plumbing walls to be 2x6 or 2x8
Plenum Walls:	NC35 Sound reducing lined with 5/8" sheetrock
Columns:	Wood end columns and steel posts built into dividing wall
Insul-Exterior:	R19 fiberglass batt
Insul-Interior:	R11 fiberglass batt sound insulation at interior walls 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

## ROOF

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 & Trimline Ridge Vent

## DOORS

	EXT/INT	QTY	SIZE	TYPE	HINGES	FINISH	LOCK	CLOSER	PANIC
1	EXTERIOR	4	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		
3	INTERIOR	2	3'x6'8"	PW/SV	STD	VWCO	LC2275 PASSAGE		

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
	Doors:	Vinylwrap Colony Oak wood doors, jambs, and casing
Ceiling:	Entire Building:	2'x4' T-bar grid and tile - Height: 8'-0"
Tile:	Entire Building:	T-bar tiles Armstrong "Cortega" #769A

<b><u>CABINETS</u></b>	
Daycare rooms:	4 LF of base cabinet per room. Full height doors, no locks, no uppers; tops @24" AFF
Kitchen:	10 1/2 LF of base only - Lemons Cabinets - plastic laminate finish- space for range and refrigerator
Countertop:	Wilsonart plastic laminate with plastic laminate backsplash and self edge
NOTE:	Base includes 24" face frame for water heater
<b><u>APPLIANCES</u></b>	
Dishwasher:	Dishwasher, ADA Height Compliant <span style="float: right;">Whirlpool #GU3100XTVS</span>
ALL OTHER APPLIANCES SUPPLIED AND INSTALLED ON SITE BY OTHERS.	
<b><u>HVAC</u></b>	
Comb Heat/AC:	(2) Bard wall hung Heat Pumps - 3.5 ton 10 kw with Economizers - rated nominal 10.3 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 Daycares
Exhaust Fans:	(2) 150 CFM - Switched with lights <span style="float: right;">Broan QTXE150</span>
<b><u>PLUMBING</u></b>	
HC Toilets:	( 2 ) Handicap Height, Elongated Bowl, Pressure Assist <span style="float: right;">Gerber 21-318</span>
Child Toilet:	( 2 ) 10 1/4" Rim Height, Round Bowl, Gravity 1.6 Tank <span style="float: right;">A/S 3128.018</span>
Toilet Tissue:	( 4 ) 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
Kitchen Sink:	( 1 ) 33 x 19 Stainless Steel, Double Compartment <span style="float: right;">Dayton D-233193</span>
Sink Faucet:	( 1 ) Ceramic Disc, ADA Single Handle, Swing Spout <span style="float: right;">A/S 4175.500</span>
Daycare Sink:	( 2 ) 15 x 15 Stainless Steel, Single Bowl <span style="float: right;">Dayton D-115152</span>
Daycare Faucet:	( 2 ) Ceramic Disc, Wrist Blade Handles, Gooseneck Spout <span style="float: right;">A/S 7500.170.002</span>
Floor Drain:	( 2 ) PVC Body, Polished Nickel Ring & Grate, Set in Webcrete <span style="float: right;">Zurn 2240-PV2-NT</span>
Trap Primer:	( 2 ) Automatically Activated @ Pressure Drops <span style="float: right;">Precision P-2</span>
Water Heater:	( 1 ) 10 Gallon, 120 Volts, 1500 Watts, Energy Saver <span style="float: right;">Ruud PEP10-1</span>
NOTE:	Water Heater mounted in Base Cabinet
Sewer Lines:	PVC DWV Schedule 40 Plastic
Water Lines:	Copper & Aquapex

## ELECTRICAL

Design/Approval:	Electrical system designed/stamped by licensed electrical engineer as required. Includes State of Washington special approval/compliance for daycares.	
Meter Base:	On site by others if required	
Service:	120/240V Single phase - Stub through exterior wall	
Panel:	(2) 200 amp-	Square D HOM2040M200TC
Material:	Metallic Raceway System	
Receptacles: Daycare:	(10) Duplex 20 amp Tamper proof (5 per room) (2) Clock 15 amp (1 per room)	Leviton CR20 Leviton 688
Kitchen:	(3) Duplex 20 amp (1) Dedicated 20 amp	Leviton CR20 Leviton CR20
Exterior:	(2) 15 amp GFCI WP	Leviton 8599-CP w/ Intermatic WP 1100C cover
Switches:	(2) Single pole (10) Three way	Leviton CS120 Leviton CS320
Phone/Data Box:	(2) 4" square boxes with single gang mud ring - Stub up & down with 1/2" flex conduit	
NOTES:	All devices and face plates to be ivory	
Wire For:	Future Range and Range Hood	
Light:	(30) Troffer 2'x4' 3-tube	Day-Brite #3TG8 Series or equal
Tubes:	T-8, 32 watt	70CRI, 3500K
Ballast:	Single electronic	Advance-Centium ICN-3P32-SC or equal
Porch Light:	(3) 13 watt fluorescent with vandal resistant cover and integral Photo Cell	Lithonia TWS-13TT
Ext. Emergency Light:	(3) dual head with battery back up	Luna LA25-SE-US-AT
Exit-Emergency Combo:	(4) Illuminated with dual head emergency lights and battery back up - Red Letters	Quantum
Raceway Only:	Exterior Horn/Strobe (1) Pull Station (4) Interior Horn/Strobe (5)	