

Tennessee Ridge Classroom Specifications

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Specifications

1. Section 1 General Requirements

1. Summary of Work

The Tennessee Ridge building site will be updated and repaired in preparation of opening as a new classroom for the upcoming school year, (2017-2018).

2. Modifications to existing structure

2.1 Non load bearing wall located between classroom and dining room shall be removed.

2.2 Wall receptacle located in wall shall be removed and electrical lines capped and placed in an approved electrical box.

2.3 Flooring

Carpet:

Remove existing carpet

Install carpet in accordance with manufactures instructions using prescribed adhesives.

Install carpet stripping between areas of carpet and linoleum.

Linoleum:

Remove all existing linoleum

Prepare floor for linoleum using thinnest or alternative.

Install linoleum in Kitchen, Bathrooms Closet, and Classroom areas in accordance with manufacturer's instructions using prescribed adhesives.

2.4 Drywall

Repair ceiling in left hand bathroom with new sheetrock

Examine all walls and ceilings for areas in need of patching or repair.

Patch and repair any and all drywall in need of repair using an appropriate joint compound or patching material.

Sand and prepare all wall surfaces and repairs for painting.

2.5 Paint

Paint codes for all colors will be provided to customer.

Interior:

Paint two coats on ceiling using a high quality latex based flat primer inclusive ceiling paint.

Paint two coats using a high quality latex based primer inclusive paint. Colors to be determined by customer.

Paint two coats using a high quality latex based primer inclusive paint on all interior doors. Color to be determined by customer.

Paint two coats using a high quality oil based paint on all exterior doors. Color to be determined by customer.

Exterior:

Prepare exterior of building for painting by pressure washing and cleaning siding.

Paint exterior of building using a high quality latex based primer inclusive exterior grade paint. Color to be determined by customer.

2.6 Cabinets

Kitchen:

Remove and dispose of existing cabinets.

Patch and prepare walls for paint.

Install cabinets and counter tops. Type and style to be determined by customer.

Stain cabinets. Color to be determined by customer.

Seal cabinets with a high quality glossy finish exterior grade polyurethane.

Restrooms:

Remove and dispose of existing restroom cabinets.

Patch and prepare walls for painting.

Install cabinets. Type and style to be determined by customer.

Stain or paint cabinets. Color to be determined by customer.

Seal cabinets with a high quality glossy finish exterior grade polyurethane.

2.7 Ramp and Steps

Ramp:

Remove and dispose of existing ramp.

Construct new ADA compliant ramp using the same location of the removed ramp.

Construct an awning over the door at top of ramp attaching to both the building and ramp.

Materials:

Structure:

Ramp shall be ADA compliant and have a run no greater than 1 in 12

There shall be a platform at the top of the ramp in front of the door.

Structure shall be constructed with a design load of 110 psf (100psf working load and a 10psf dead load) per IBC code.

Structure of ramp is to be constructed of pressure treated lumber.

Posts shall be 4x4 pressure treated

Floor joists shall be 2x8 pressure treated spaced no more than 12 inches on center.

All fasteners and hangers used will be of sufficient strength, size, material and quality to sustain the desired load and withstand the outdoor environment.

4x4s shall be set in high strength concrete of a depth to meet local building code.

Surfacing:

All surface contact boards and balusters shall be composite material of sufficient strength and quality to carry the required load. The color shall be determined by the customer.

Fasteners used to attach composite materials shall be of a quality and design that meet the manufactures recommendations.

Awning:

An awning shall be constructed that covers the area in front of and to the sides of door located at the top platform of the ramp.

Awnings shall also be placed over the kitchen door

An awning measuring 12ft x 20ft shall be constructed and installed at the rear of the building on the playground to be used to cover the doorway and provide shade for the playground. Exact location to be chosen by customer.

All roof material for awnings shall be 29 gage metal

Screws shall have a rubber grommet and be of the appropriate size to comply with manufactures installation instructions.

Framework shall be of pressure treated lumber.

2.8 Plumbing

Restrooms:

Materials:

Two commodes; one child sized, one ADA compliant

Reinforced wax rings

Braided supply line

Quarter turn shut off valves

Two lavatory cabinets model and style to be provided by customer

Two lavatory basins

Supply lines

Appropriate drainage plumbing

Remove and dispose of existing toilets

Install toilets

Remove and dispose of existing sinks

Install cabinets with new basins.

Install supply lines and associated plumbing

2.9 Playground Fence

Construct 172ft. x6 wood fence around perimeter of playground using Severe Weather (Common: 5/8-in x 6-in x 6-ft; Actual: 0.57-in x 6-in x 6-ft) Natural Western Red Cedar Fence Picket following commonly accepted wood fence installation practices.

Posts: 4x4 Cedar

Horizontal structure: 2x4 Cedar

2.10 Sidewalk

Extend side walk to reach parking area.

Side walk shall be same thickness and width as existing sidewalk.

2.11 Parking Lot

Construct a 70'x 35' gravel parking lot at designated location in front of and to the side of (right side facing building)

Parking area shall have top soil removed.

2 inch gravel shall be used as a base.

Final surface shall be crusher run compacted so as to create a hard smooth surface.

Drainage lines shall be installed if and where needed.

2.12 Doors

Remove and dispose of kitchen door

Install steel door at kitchen exit. Door will be provided

2.13 Bike Path

Construct a 135'L x 3'Wx 4"D exposed aggregate bike/walking path behind building on playground. Location to be set by customer

Topsoil will be removed

Concrete shall be sealed after appropriate cure time

Davis Bacon

Contractor must comply with, prepare and keep appropriate records regarding the Davis-Bacon Act