

Seagate Pier Building Upgrade

Material specifications:

Wood:

- All cedar applied as trim to the windows, doors, building corners and belly band to be No.2 and better only small tight knots allowed. The face to be band sawn the back to a smooth planned surface.
- The post, beam and rafters for the entrance canopy to have a band sawn finish on all surfaces except for end grain cuts. The cedar to be No. 2 and better with only small tight knots
- The tongue and groove cedar for the roof/ceiling to be S4S No. 2 and better with only small tight knots.

Hardware:

- All bolts, nuts and washers are to be galvanized.
- All washers for wood to bolt/nut connections are to be timber washers.
- All washers for metal to bolt connections to be flat washers.
- All bolts and washers for bolt to metal connection are to be finished on all sides with black satin finish metal rust resistant paint to match metal hardware.
- All metal hardware to be coated on all sides with a quality metal etch then coated with 3 coats on all sides with a quality black stain finish metal rust resistant paint.

Finish:

- All wood to be finished with Sikkens Cetol No. 1 Cedar as the primer coat and Sikkens Cetol 23 Cedar as the topcoat. The face and all exposed edges to have 1 coat of Cetol 1 and 2 coats of Cetol 23 prior to installation. The back is to have 1 coat of Cetol 1 prior to installation. All exposed end cuts to have to have 1 coat of Cetol 1 and 2 coats of Cetol 23 prior to installation. All unexposed end cuts to have a coat of Cetol 1 prior to assembly. The mortise for the existing metal beam on the entrance canopy to have 2 coats of Cetol 1 prior to installation. All countersinks for the bolts to be finished as an exposed face. All finished cedar to be allowed to sit for a minimum of 24 hours prior to assembly except for end cuts during installation.
- A covered secure area will be supplied on site for finishing. Contractor is responsible for any cleanup of the area required due to finishing.
- All exposed existing metal window and door trim is to be sanded then finished with a metal etch then 2 coats of white gloss rust resistant paint.

Installation:

- All cedar trim to be installed with GRK RT Composite Climatec screws or comparable fastener of adequate length and spacing to ensure solid connection to metal. The metal will require pre-drilling for proper fastener penetration. The fastener is to penetrate just below the surface of the trim. All fastener penetrations to be dabbed with Cetol 1 after assembly.
- All cedar trim, metal to wood connections to be sealed with a silicone caulk. A bead is to be applied to the entire perimeter of the wood component at 5/8 inch from the outside edge (to eliminate squeeze out) prior to installation.
- The cedar window sill is to be installed so that the cedar contacts the aluminum window covering the existing metal sill.

Roof:

- The roof to be metal standing seam 26 gauge in a brown tone that blends with the wood.
- The roof is to have a layer of 1/2 inch plywood over the cedar tongue and groove to ensure adequate screw penetration and hold for the roofing. The plywood is to be fastened to the rafters only with adequate fasteners to penetrate cedar tongue and groove and provide hold to rafters.
- The roof is to be fastened with 1 inch screws with adequate spacing to prevent wind uplift
- The flashing along the existing wall is to be sealed with a silicone sealant the entire length between the flashing and the wall to ensure a leak proof connection.
- The bottom edges of the roof shall have a drip edge flashing that extends past the cedar tongue and groove by 1/2 inch. The front edge of the roof is to have an appropriate flashing with drip edge that extends 1/2 inch over the barge board. All flashings and ridge to be same tone and material as roofing.

Doors:

- The main entrance doors are to be replaced with a full glass fiberglass door.
- There will be some onsite sizing required please ensure that the proper size of door is ordered. Contractor is responsible for measuring doors and ordering.
- Doors are to be finished on all sides with 1 coat Cetol 1 and 2 coats Cetol 23. Contractor is to check with supplier to ensure that the product is suitable for this application. If not the District is to be contacted to establish alternative.
- The existing coded passage set and deadbolt are to be reinstalled in the existing configuration. New flush bolts are to be installed.