

SHEET NOTES: 1

- (33) EXISTING POWER RECEPTACLE TO BE REMOVED.
- (34) EXISTING PVC JUNCTION BOX AT WALL TO BE REMOVED.
- (35) EXISTING 1" PVC CONDUIT TO BE REMOVED BACK TO NEW JUNCTION BOX LOCATION.
- (36) APPROXIMATE LOCATION OF NEW 2X4 PVC JUNCTION BOX ON WALL FOR CONNECTION TO NEW SCOREBOARD. REFERENCE SCOREBOARD MANUFACTURER'S INSTALLATION LITERATURE FOR EXACT LOCATION. EXTEND 1" PVC CONDUIT TO NEW JUNCTION BOX LOCATION.
- (37) APPROXIMATE LOCATION OF NEW 20A 120V WEATHER RESISTANT TYPE GFCI POWER RECEPTACLES FOR CONNECTION TO NEW SCOREBOARD. REFERENCE SCOREBOARD MANUFACTURER'S INSTALLATION LITERATURE FOR EXACT LOCATION.
- (38) RECONNECT TO EXISTING 20A 120V POWER CIRCUITRY.

1

POWER AND SIGNAL REMODEL PLAN - FIRST FLOOR - POOL

E3.1

SCALE: NOT TO SCALE

1

SCOREBOARD
REVISIONS
01/21/2016

IIZA

ENGINEERING SOLUTIONS

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CITY OF UNALASKA AQUATICS CENTER IMPROVEMENTS

55 EAST BROADWAY
UNALASKA, ALASKA

Job Number:

2015.002

Date:

01/21/2016

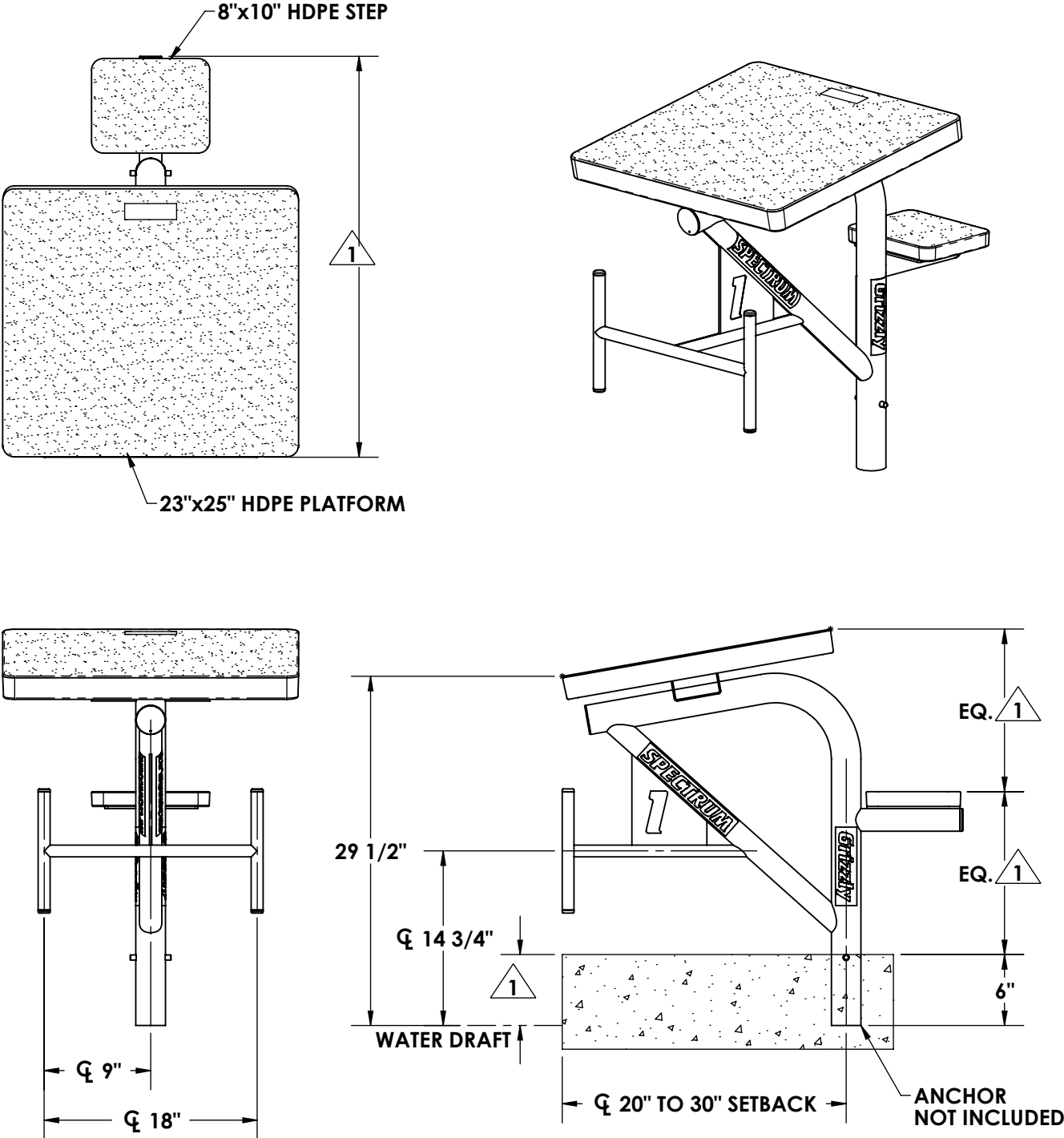
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BAB

Sheet:

SKE-1
E3.1

**STARTLINE
MODEL - GRIZZLY SP**



NOTE:
1 DIMENSIONS VARY WITH SPECIFIC APPLICATIONS.
SPECIFICATIONS ARE NOMINAL AND ARE SUBJECT TO CHANGE.
PLEASE CONTACT SPECTUM PRODUCTS FOR CUSTOM APPLICATIONS.

Starting Platform Grizzly, part number 21655

The starting platform shall be of the rear mount type, single post design, allowing for ease of removal, incorporating a machined bronze anchor assembly with a cover for use when starting platforms are removed. The platform shall be designed and tested to not deflect when burdened with a 350 lb. dynamic load.

The starting platform shall consist of the following components:

Platform Frame

The platform frame is to be fabricated of 2 ½" O.D. x ¼ wall thickness, 300 series stainless steel and is to be formed in one continuous length, no welded mitered joints will be allowed. It shall be designed to support a starting surface at 30" from water level. A backstroke bar shall be provided and shall be in an H bar configuration. The backstroke bar shall be 300 series stainless steel and shall be 18" wide and it will be located 14 ¾" from the water surface. Access step attachment bracket shall be 300 series stainless steel. All welds associated with the fabrications process are to be of the fusion T.I.G. type.

Platform Top

A high-density polyethylene top shall be provided with the platform. The top shall be 23" x 25" and it shall have a non-slip textured surface. The platform top shall slope toward the pool edge at a ten-degree angle; the front edge shall be 29 ½" from water level.

Step

An access step shall be provided and shall be 8" x 10" in size and shall be located halfway between the pool deck and the rear of the top platform. The step shall be molded of high-density polyethylene. The step shall have a non-slip textured surface.

Anchor

A single 3 ½" O.D. x 2 ½" I.D., bronze anchor sleeve shall support the starting platform assembly. The anchor shall have 2 ½" diameter locating slots in its top surface. The locating slots are to receive the rotation retention rod of the starting platform. The anchor shall be fitted with a grounding bolt for proper bonding. It shall also be provided with a tamper-resistant lid and lid removal tool.

Numbering

Lane numbers shall be applied so that they are visible from all four sides of the platform. The numbers shall be dark blue in color and shall be chemical and UV resistant vinyl.

Warranty

Two year limited warranty.

SECTION 09600 HIGH-PERFORMANCE COATINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes surface preparation and application of high-performance coating systems on the following substrates:
1. Interior Substrates:
 - a. GWB horizontal surfaces at Mens Shower 107, Women's Shower 117
- B. Related Requirements:
1. Section 06100 "Rough Carpentry" for substrate
 2. Section 099123 "Interior Painting" for special-use coatings and general field painting.

1.3 DEFINITIONS

- A. Gloss Level 3: 10 to 25 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D 523, an eggshell finish.
- B. Gloss Level 5: 35 to 70 units at 60 degrees, according to ASTM D 523, a semi-gloss finish.
- C. Gloss Level 6: 70 to 85 units at 60 degrees, according to ASTM D 523, a gloss finish.
- D. Gloss Level 7: More than 85 units at 60 degrees, according to ASTM D 523, a high-gloss finish.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include preparation requirements and application instructions.
- B. Samples for Initial Selection: For each type of topcoat product indicated.
- C. Samples for Verification: For each type of coating system and in each color and gloss of topcoat indicated.

1. Submit Samples on rigid backing, 8 inches (200 mm) square.
2. Step coats on Samples to show each coat required for system.
3. Label each coat of each Sample.
4. Label each Sample for location and application area.

D. Product List: For each product indicated, include the following:

1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.
2. Printout of current "MPI Approved Products List" for each coating system specified in Part 3, with the proposed product highlighted.
3. VOC content.

1.5 SUBMITTALS

A. Coating Maintenance Manual: Provide coating maintenance manual including area summary with finish schedule, area detail designating location where each product/color/finish was used, product data pages, material safety data sheets, care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Delivery and Handling: Deliver products to Project site in an undamaged condition in manufacturer's original sealed containers, complete with labels and instructions for handling, storing, unpacking, protecting, and installing. Packaging shall bear the manufacture's label with the following information:

1. Product name and type (description).
2. Batch date.
3. Color number.
4. VOC content.
5. Environmental handling requirements.
6. Surface preparation requirements.
7. Application instructions.

B. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Remove rags and waste from storage areas daily.

1.7 FIELD CONDITIONS

A. Apply coatings only when temperature of surfaces to be coated and surrounding air temperatures are between 50 and 95 deg F

B. Do not apply coatings when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

C. Do not apply exterior coatings in snow, rain, fog, or mist.

- D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Products indicated below or comparable product from one of the following:
1. Benjamin Moore & Co.
 2. PPG Architectural Finishes, Inc.
 3. Tnemec Inc.
 4. Oak Ridge Foam and Coating Systems
 5. General Polymers
 6. Specialty Products Inc.
- B. Source Limitations: Obtain paint materials from single source from single listed manufacturer.
1. Manufacturer's designations listed on a separate color schedule are for color reference only and do not indicate prior approval.

2.2 HIGH-PERFORMANCE COATINGS, GENERAL

- A. MPI Standards: Provide products that comply with MPI standards indicated and are listed in "MPI Approved Products List."
- B. Material Compatibility:
1. Provide materials for use within each coating system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 2. For each coat in a coating system, provide products recommended in writing by manufacturers of topcoat for use in coating system and on substrate indicated.
 3. Provide products of same manufacturer for each coat in a coating system.
- C. Low-Emitting Materials: Interior coatings shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- D. Colors: As selected by Architect from manufacturer's full range

PART 3 - EXECUTION

3.1 EXAMINATION

- A.** Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers. Where acceptability of substrate conditions is in question, apply samples and perform in-situ testing to verify compatibility, adhesion, and film integrity of new paint application.
 - 1.** Report in writing conditions that may affect application, appearance, or performance of paint.
- B.** Substrate Conditions:
 - 1.** Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 - a.** Gypsum Board: 12 percent.
 - 2.** Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
 - 3.** Plaster Substrates: Verify that plaster is fully cured.
- C.** Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- D.** Proceed with coating application only after unsatisfactory conditions have been corrected; application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A.** Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B.** Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1.** After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.
- C.** Clean substrates of substances that could impair bond of coatings, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
 - 1.** Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce coating systems indicated.

3.3 APPLICATION

- A.** Apply high-performance coatings according to manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual."
 - 1.** Use applicators and techniques suited for coating and substrate indicated.
 - 2.** Coat surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, coat surfaces behind permanently fixed equipment or furniture with prime coat only.

3. Coat back sides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
 4. Do not apply coatings over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- B.** Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of the same material are to be applied. Tint undercoats to match color of finish coat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C.** If undercoats or other conditions show through final coat, apply additional coats until cured film has a uniform coating finish, color, and appearance.
- D.** Apply coatings to produce surface films without cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections. Produce sharp glass lines and color breaks.

3.4 FIELD QUALITY CONTROL

- A.** Dry Film Thickness Testing: Owner will engage the services of a qualified testing and inspecting agency to inspect and test coatings for dry film thickness.
1. Contractor shall touch up and restore coated surfaces damaged by testing.
 2. If test results show that dry film thickness of applied coating does not comply with coating manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with coating manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

- A.** At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B.** After completing coating application, clean spattered surfaces. Remove spattered coatings by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C.** Protect work of other trades against damage from coating operation. Correct damage by cleaning, repairing, replacing, and recoating, as approved by Architect, and leave in an undamaged condition.
- D.** At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.

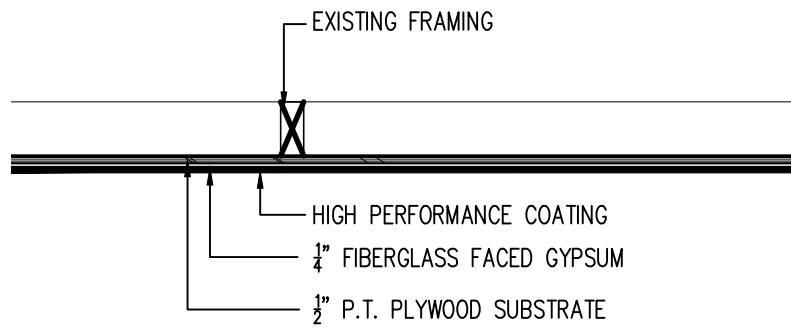
3.6 INTERIOR HIGH-PERFORMANCE COATING SCHEDULE

A. Gypsum Board Substrates:

1. Epoxy System:

- a. Prime Coat: Primer sealer, latex, interior: S-W ProMar 200 Zero VOC Interior Latex Primer, B28 Series, at 1.0 mils dry, per coat.
 - b. Intermediate Coat: Epoxy, gloss matching topcoat.
 - c. Topcoat: Epoxy, semi-gloss: S-W Macropoxy 646-100, B58-600 Series, B73-620 Series, at 5 to 10 mils dry, per coat.
- 2. Polyurea finish at Women's 117, Men's 107
 - a. Spray applied product Basis of Design Product: General Polymers Envirolastic CR-965m 80 mils w/ topcoat
 - b. Substitutions allowed per 01330

END OF SECTION 099600



CEILING ASSEMBLY AT
WOMEN'S SHOWER 117
MEN'S SHOWER 107

(REFER ALSO TO CLARIFICATION 1&2
ADDENDA 4)



AQUATICS CENTER IMPROVEMENTS
CITY OF UNALASKA
UNALASKA, ALASKA

DRAWN BY: GSW	JOB NO.: 15001	SHEET CONTENTS: CEILING ASSEMBLY
CHECKED: GSW	DATE: 1/29/2016	DRAWING NO.: SKA5



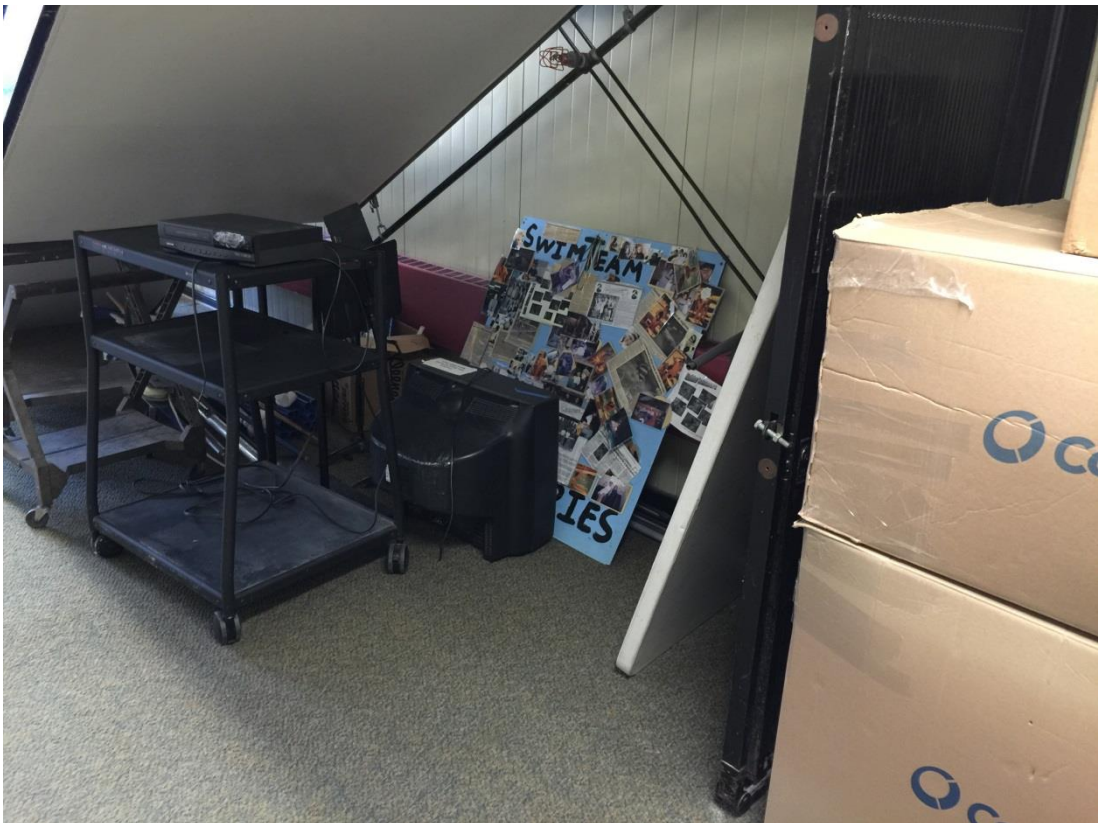
Aquatics Center Lobby Hallway



Aquatics Center Lobby Hallway - Underside of Stairs



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