“JIB” Property
Waterfront Amenity
Phase I

Town of Morehead City
706 Arendell Street
Morehead City, North Carolina 28557

Addendum No. 1

11 January 2013

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Date: 11 January 2013

Project: "JIB" Property Waterfront Amenity Phase I

Addendum No. 1

The following addendum supersedes all previous information and does hereby become part of the Contract Documents.

Item 1:

Mike Stroud, Stroud Engineering: Addendum 1 + Attachments:

Sheet No. 1 : Notes
Attachment 1: Water Supply Gooseneck Detail
Attachment 2: Water Plan
Attachment 3: Fountain Fill Valve Detail
Attachment 4: Nozzle Detail
Attachment 5: Overflow Drain Detail
Attachment 6: Underwater Junction Box Detail

Item 2:

Add Section 07140 Fluid Applied Waterproofing, as attached here.
The section was included in the Project Manual, but not on the website.

Item 3:

Add Observation Deck Railing: Post Attachment and Top Rail Detail

Item 4:

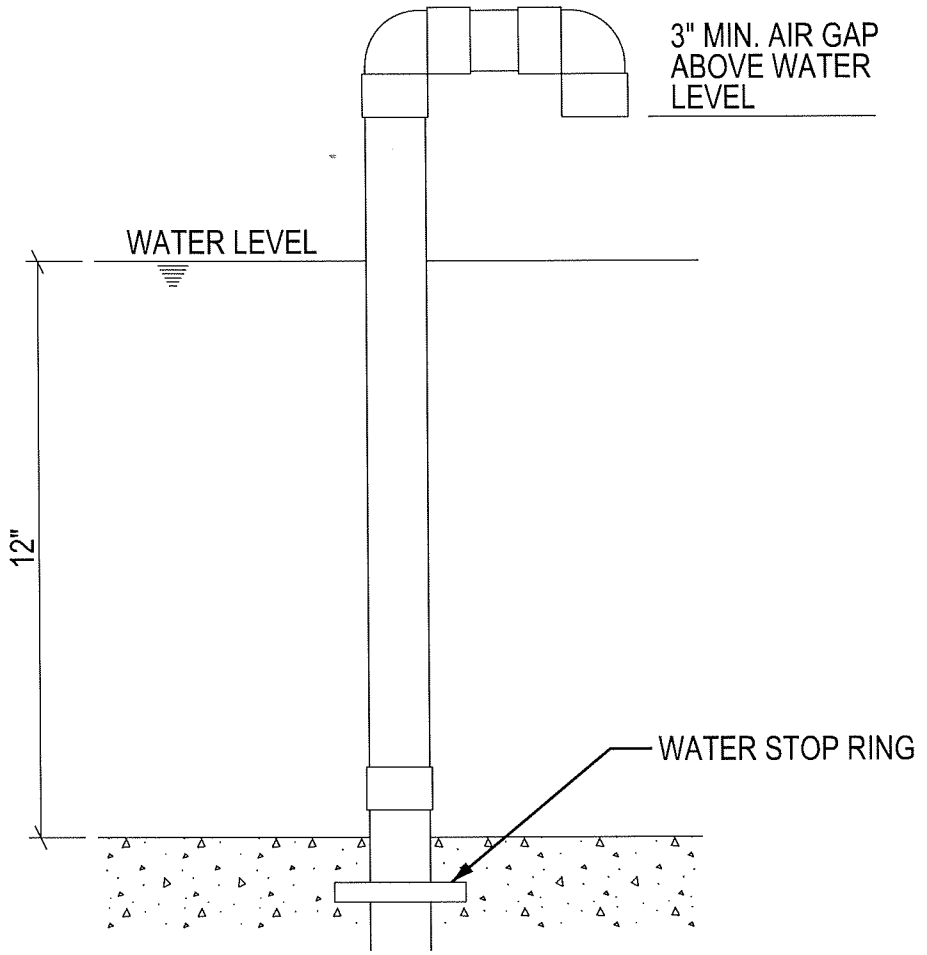
Delete Contractor's Statement of Responsibility, found in Section 01400.

End of Addendum No. 1

Addendum No. 1
"JIB" Property Waterfront Amenity
Phase 1
Morehead City, NC
January 9, 2013

1. Remove water level controller shown in Detail 5 on sheet P-001 from scope of project. Replace with water supply gooseneck shown in revised Detail 5 (see Attachment 1) at location shown on Attachment 2.
2. Add fountain fill valve as shown on Attachments 2 and 3.
3. Install nozzles in accordance new Detail 7, Sheet P-001 (Attachment 4).
4. Detail 3 of Sheet P-002 revised to show p-trap location (see Attachment 5).
5. Detail 6 of Sheet E-002 revised to show water stop ring (see Attachment 6).

SHEET NO. 1 : Notes

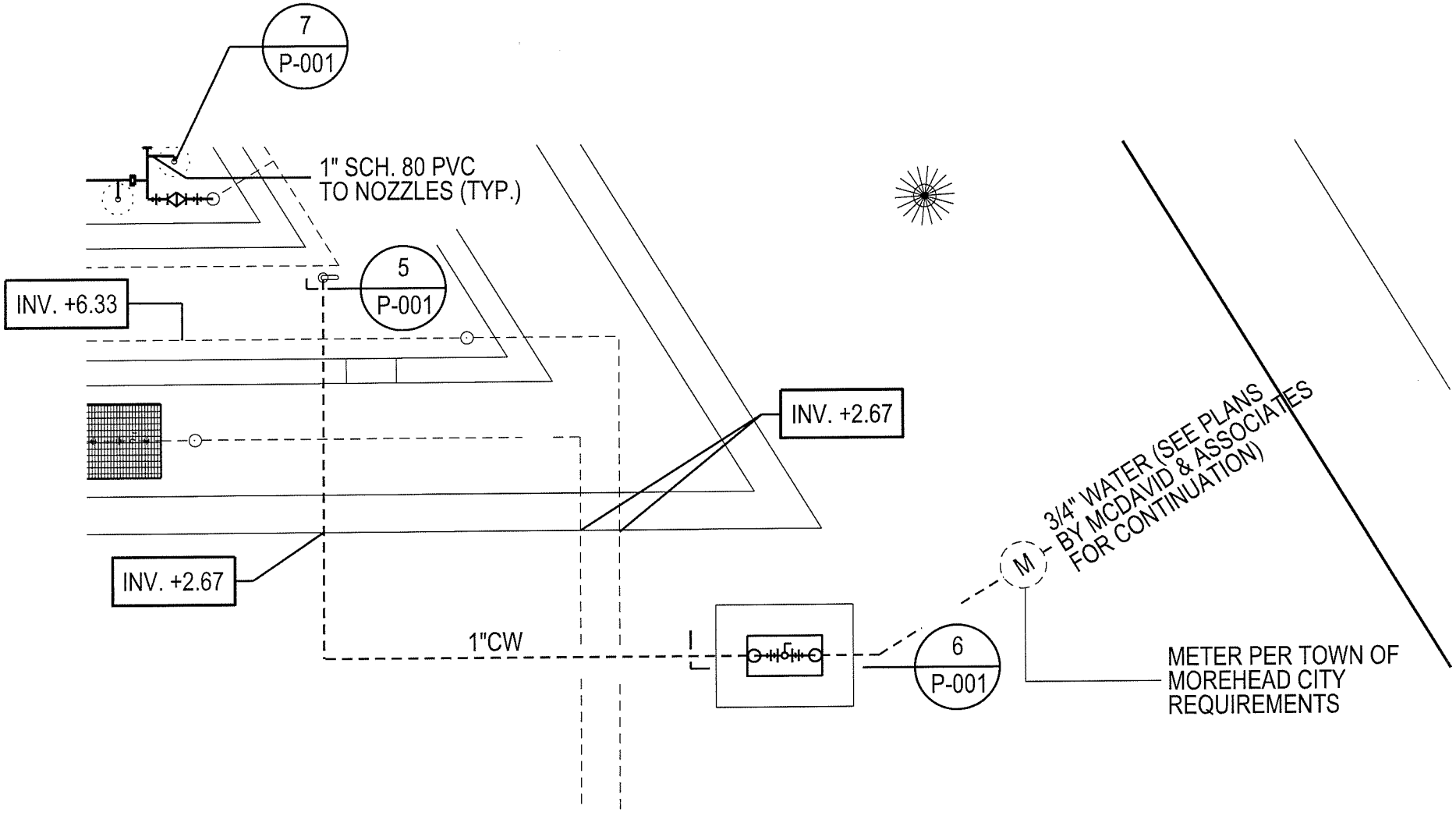


WATER SUPPLY GOOSENECK DETAIL

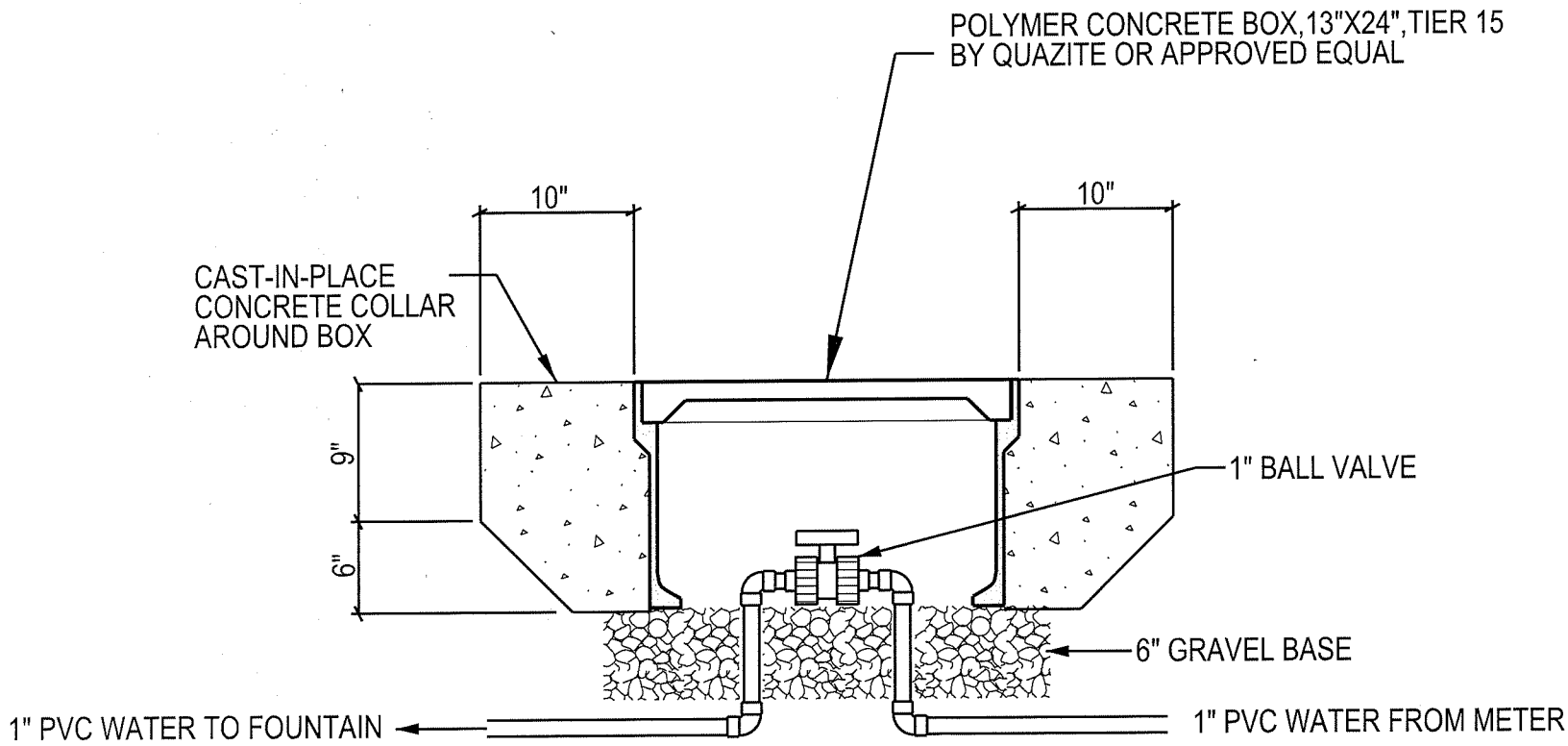
SCALE: NONE

5
P-001

ADDENDUM 1
ATTACHMENT 1



ADDENDUM 1
ATTACHMENT 2

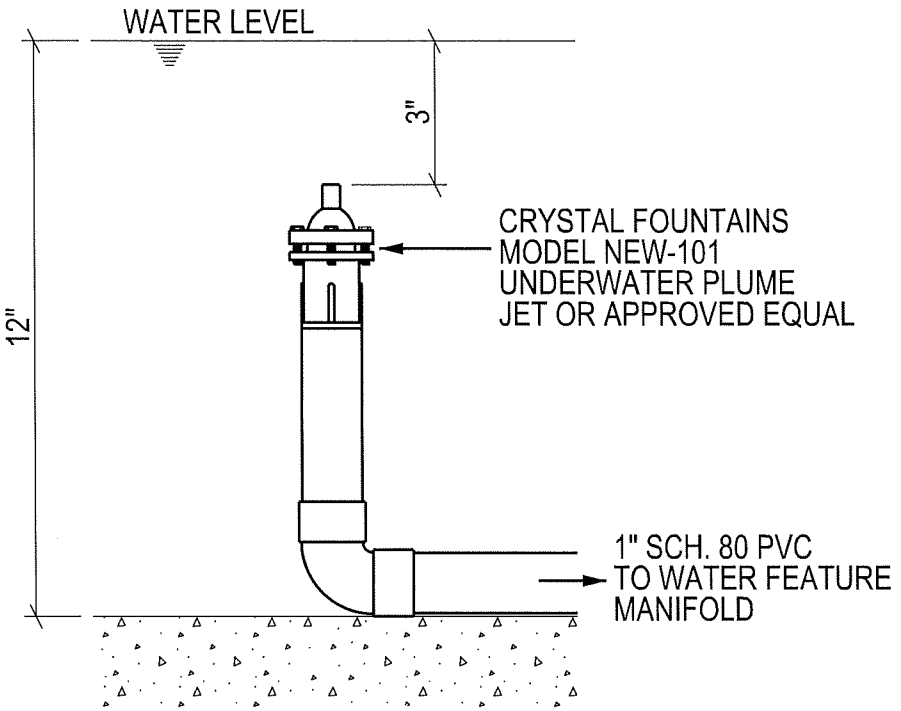


FOUNTAIN FILL VALVE DETAIL

SCALE: NONE

6
P-001

ADDENDUM 1
ATTACHMENT 3

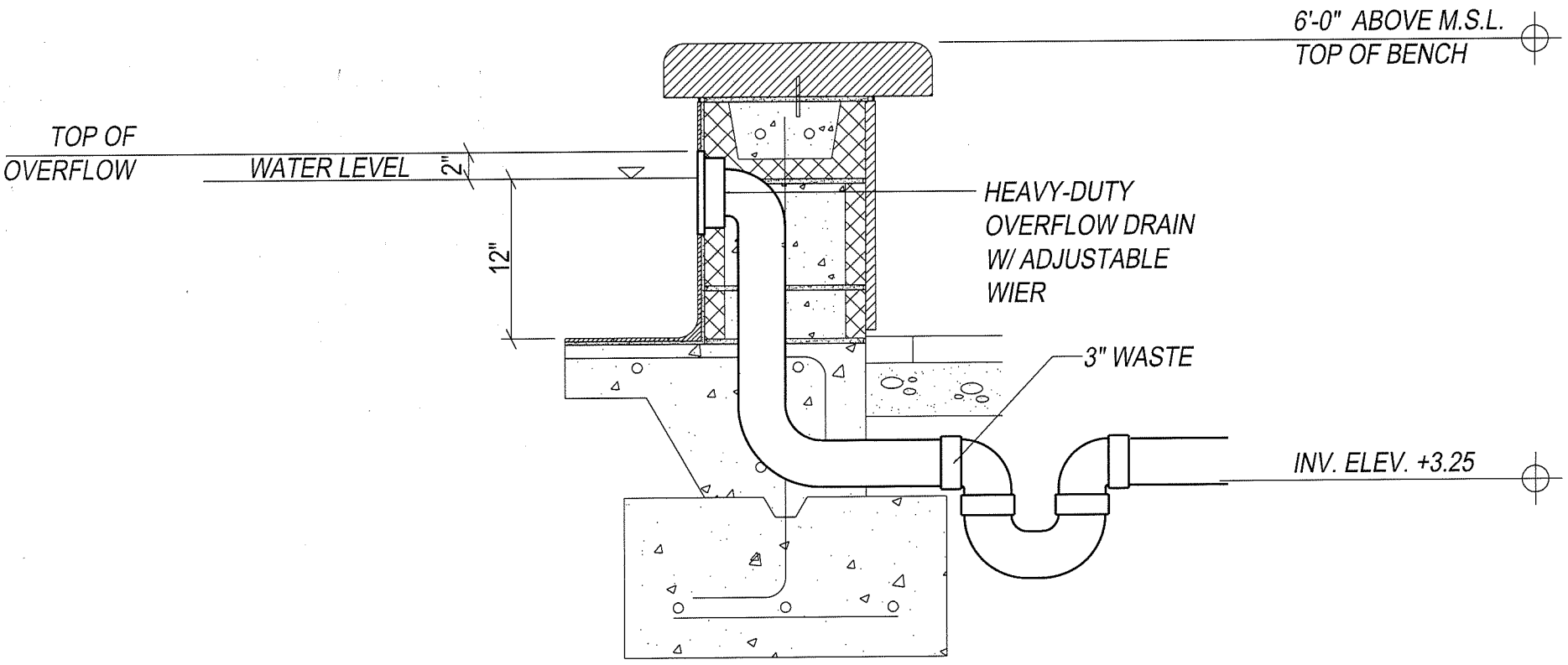


NOZZLE DETAIL

SCALE: NONE

7
P-001

ADDENDUM 1
ATTACHMENT 4

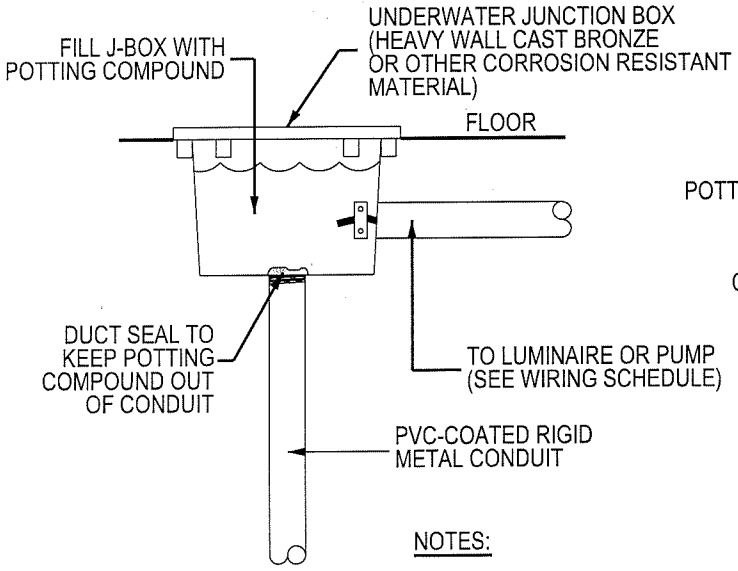


OVERFLOW DRAIN DETAIL

SCALE: 1" = 1'-0"

3
P-002

ADDENDUM 1
ATTACHMENT 5

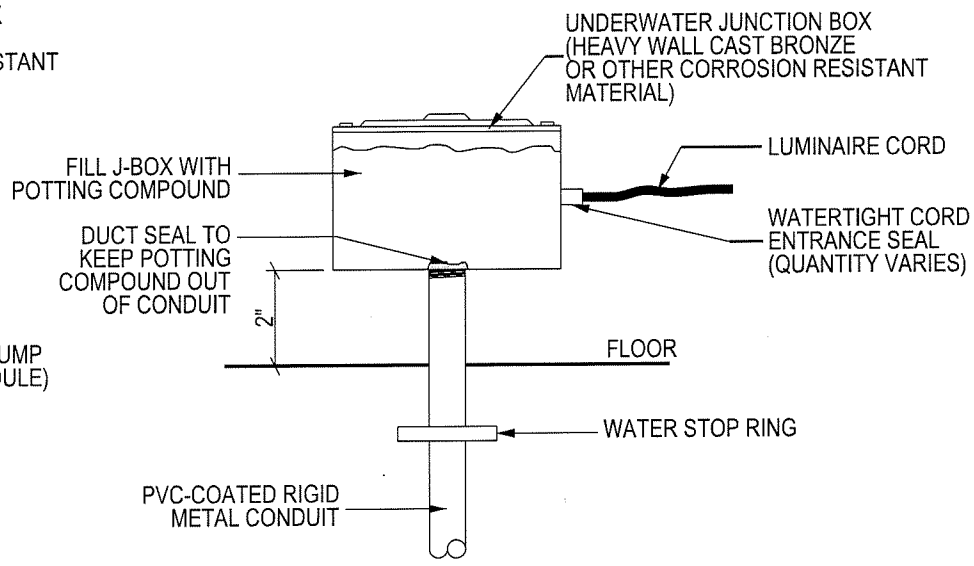


FLUSH MOUNT

J1

NOTES:

1. MAKE CONNECTIONS USING WEATHER-PROOF WIRE NUTS BY IDEAL INDUSTRIES.
2. BOND PER CODE.



RAISED

J2

UNDERWATER JUNCTION BOX DETAIL

SCALE: NONE

6
E-002

ADDENDUM 1
ATTACHMENT 6

SECTION 07140
FLUID APPLIED WATERPROOFING

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. All of the Contract Documents, including General and Supplementary Conditions and Division 1 General Requirements, apply to the work of this section.

1.2 SUMMARY

A. The work of this section includes, but is not limited to, the following:
   1. Fluid applied waterproofing system

B. Related Sections: Other specification sections which directly relate to the work of this section include, but are not limited to, the following:
   1. Section 04200: Unit Masonry
   3. Section 07951: Joint Sealers

1.3 REFERENCE STANDARDS

A. The following standards and publications are applicable to the extent referenced in the text.

B. American Society for Testing and Materials (ASTM)

   C 836 Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course

   C 898 Standard Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Separate Wearing Course

   D 412 Standard Test Methods for Rubber Properties in Tension

   D 903 Standard Test Method for Peel or Stripping Strength of Adhesive Bonds

   D 1644 Test Methods for Nonvolatile Content of Varnishes

   D 1970 Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection

   D 3767 Standard Practice for Rubber - Measurements of Dimensions

   D 5295 Preparation of concrete Surfaces for Adhered Membrane Waterproofing Systems

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's product data, installation instructions, use limitations and recommendations.

B. Samples: Submit representative samples of the following for approval:
   1. Fluid applied membrane

1.5 QUALITY ASSURANCE

A. Installer: A firm which has at least 3 years experience in work of the type required by this section.

B. Pre-Installation Conference: A pre-installation conference shall be held prior to commencement of field operations to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work. Agenda for meeting shall include review of special details and flashing.

1.6 DELIVERY, STORAGE AND HANDLING

A. Deliver materials and products in labeled packages. Store and handle in strict compliance with manufacturer's instructions, recommendations and material safety data sheets. Protect from damage from sunlight, weather, excessive temperatures and construction operations. Remove damaged material from the site and dispose of in accordance with applicable regulations.
   1. Do not double-stack pallets of waterproofing material on the job site. Provide cover on top and all sides, allowing for adequate ventilation.
   2. Protect waterproofing materials from freezing. In cool temperatures, store the material for several hours at room temperature to facilitate mixing and application.

B. Sequence deliveries to avoid delays, but minimize on-site storage.

1.7 PROJECT CONDITIONS

A. Perform work only when existing and forecasted weather conditions are within the limits established by the manufacturer of the materials and products used.

B. Proceed with installation only when substrate construction and preparation work is complete and in condition to receive membrane waterproofing.

1.8 WARRANTY

A. Fluid Applied Waterproofing Membrane: Provide written 5 year material warranty issued by the membrane manufacturer upon completion of the work.

PART 2 – PRODUCTS

2.1 MATERIALS

A. Laticrete 9235 Waterproofing Membrane or approved equal

B. Fluid Applied Waterproofing Membrane: Seft-curing, liquid rubber polymer with embedded reinforcing fabric.

C. Miscellaneous Materials: Tape and other accessories specified or acceptable to manufacturer of fluid applied waterproofing membrane.

PART 3 – EXECUTION

3.1 EXAMINATION

A. The installer shall examine conditions of substrates and other conditions under which this work is to be performed and notify the contractor, in writing, of circumstances detrimental to the proper completion of the work. Do not proceed with work until unsatisfactory conditions are corrected.

3.2 PREPARATION OF SUBSTRATES

A. Surface temperature must be 45-90°F (7-32°C) during application and for 24 hours after installation. All substrates must be structurally sound, clean and free of dirt, oil, grease, paint, laitance, efflorescence, concrete sealers or curing compounds. Make rough or uneven concrete smooth to a wood float or better finish.

B. Maximum deviation in plane must not exceed ¼" in 10 ft. (6 mm in 3 m) with no more than 1/16" in 1 ft. (1.5 mm in 0.3 m) variation between high spots.

C. New concrete slabs shall be damp cured and a minimum of 14 days old before application. Maximum amount of moisture in the concrete substrate should not exceed 5 lbs./1000 square feet (2.26 kg/92.9m^2) 24 hrs. per ASTM F-1869 or 75% relative humidity as measured with moisture probes.

D. Tie-holes and "bugholes" larger than 13 mm (1/2") in diameter or deeper than 3 mm (1/8"), or both, should be either pretreated with Procor or repaired with a lean concrete mix or with a lean concrete mix or grout. See ASTM D 5295, Preparation of Concrete Surfaces for Adhered Membrane Waterproofing Systems, for further details on substrate preparation.

Cracked, pitted, honeycombed or heavily bugholed surfaces can be filled by spraying from close in (10" to 12") but high material usage with result. Under these circumstances it may be more efficient to fill the surface with a parge coat of lean mortar mix before application of the Procor. It is also acceptable to fill in gaps with a compatible sealant or caulk.

B. Masonry Substrates: Apply waterproofing over concrete block and brick with smooth trowel-cut mortar joints or parge coat.

3.3 INSTALLATION

A. Install in accordance with manufacturer's written instructions and recommendations.

B. Apply pre-treatment to the following areas: Pre-treatment shall include additional coats of membrane with reinforcements recommended by manufacturer

1. Coves, corners, and seams.
2. Cracks and joints.
3. Drains and other openings or penetrations.
4. Other areas as required to ensure the integrity of the final membrane.

C. Membrane shall be seamless and without joints.

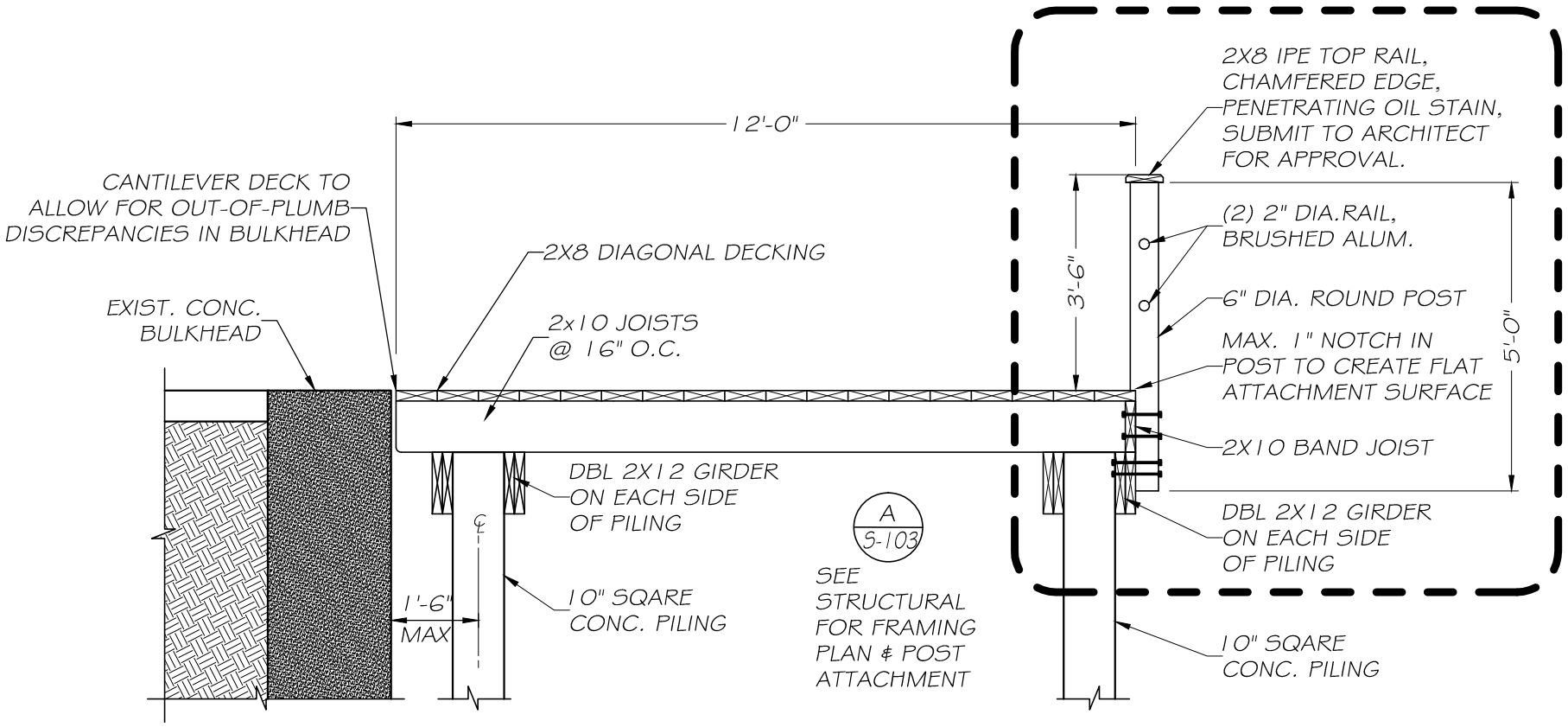
3.4 CLEANING AND PROTECTION

A. Remove any masking materials after installation. Clean any stains on materials which would be exposed in the completed work.

B. Protect completed membrane waterproofing from subsequent construction activities as recommended by manufacturer.

C. Protect completed membrane from exposure to sunlight and ultraviolet light.

END OF SECTION 07140



OBSERVATION DECK SECTION

SCALE: NONE

2
A-501

ADDENDUM 1
OBSERVATION DECK RAILING

End of Addendum No. 1

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