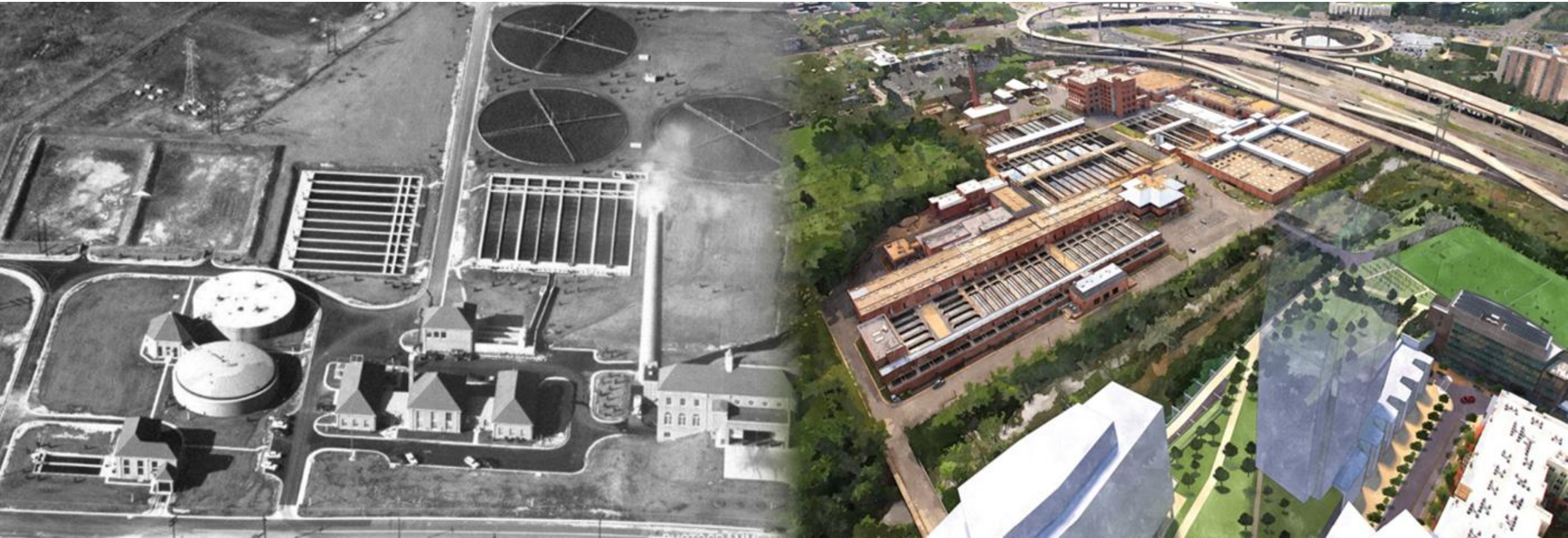
Four Mile Run Pump Station Educational Fence

Melanie Mason

Community Outreach and Education Manager

Who We Are

- **Alexandria's water transformers**
  - Created in 1952 by City Council, yet wholly independent
  - Five-member appointed citizen board

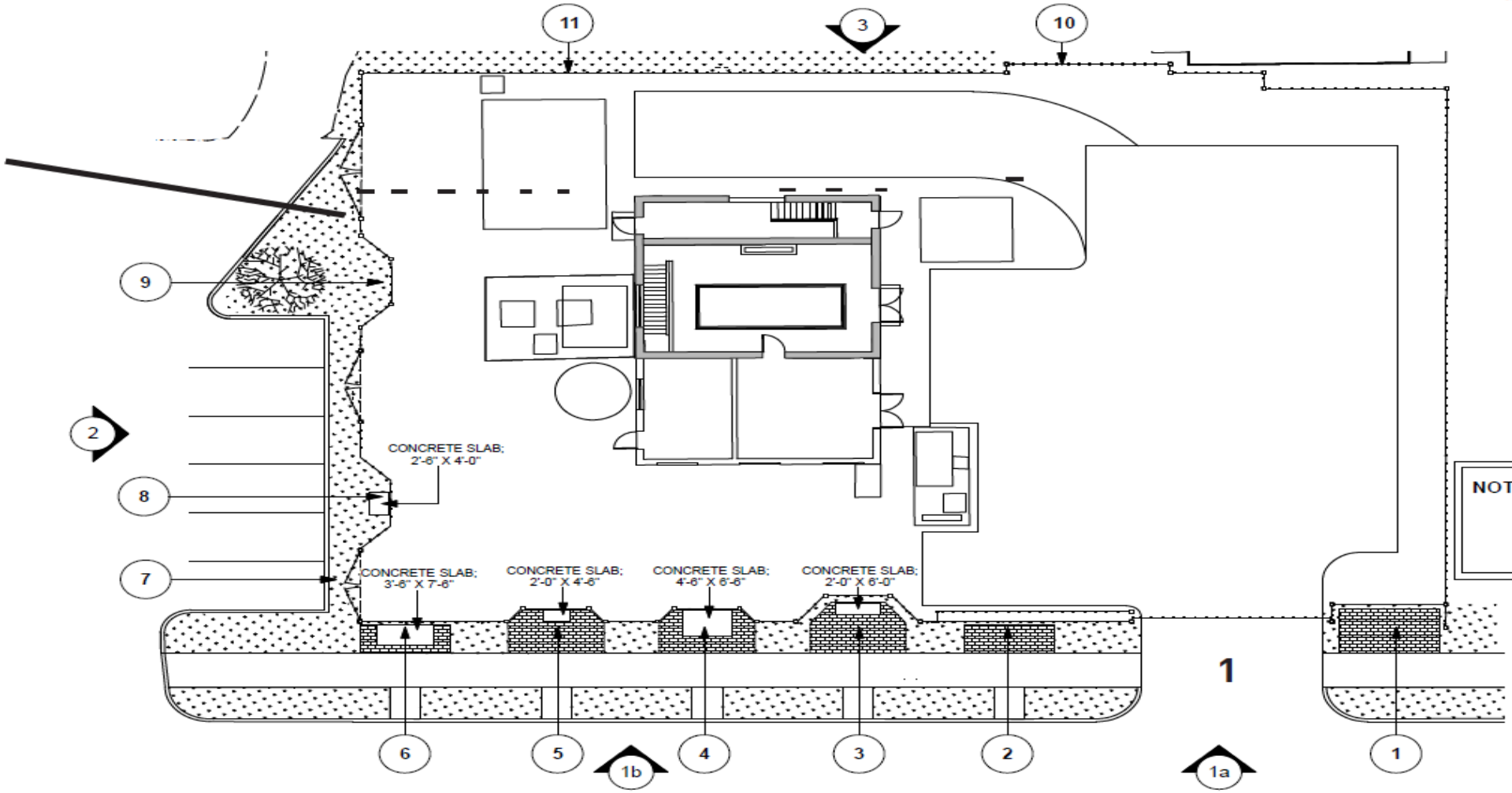


Vision for Educational Fence

The educational fence serves as an outdoor water education center, taking away the mystery of what is in a pump station, what a pump station does, and how AlexRenew cleans water.

Through its ten interactive, informative exhibits, the educational fence provides basic awareness of what we do, encourages interest in visiting our main campus, and will serve as a remote complement to the educational lobby in the environmental center.

Exhibit Overview



1 EXHIBIT LOCATION PLAN
Scale: 1/16" = 1'-0"

0 4 8 12 16 FT

EXHIBIT KEY

1. Alex Renew
2. Water Flow Graphic
3. How Water Gets Dirty
4. This Is a Pump Station
5. Good Neighbors
6. Under the Scene
7. Resource Recovery
8. Stormwater Management
9. Mechanics of Pumping
10. What You Can Do
11. Welcome to the Pump Station

NOTE: FIVE EXHIBITS SIT ON POURED CONCRETE SLABS BY CLIENT.
DEPTH AND SPECIFICATIONS TO MEET ALL STATE AND LOCAL CODES.
COORDINATE LOCATIONS W/ EXHIBIT DESIGNER.

N

Exhibit Overview

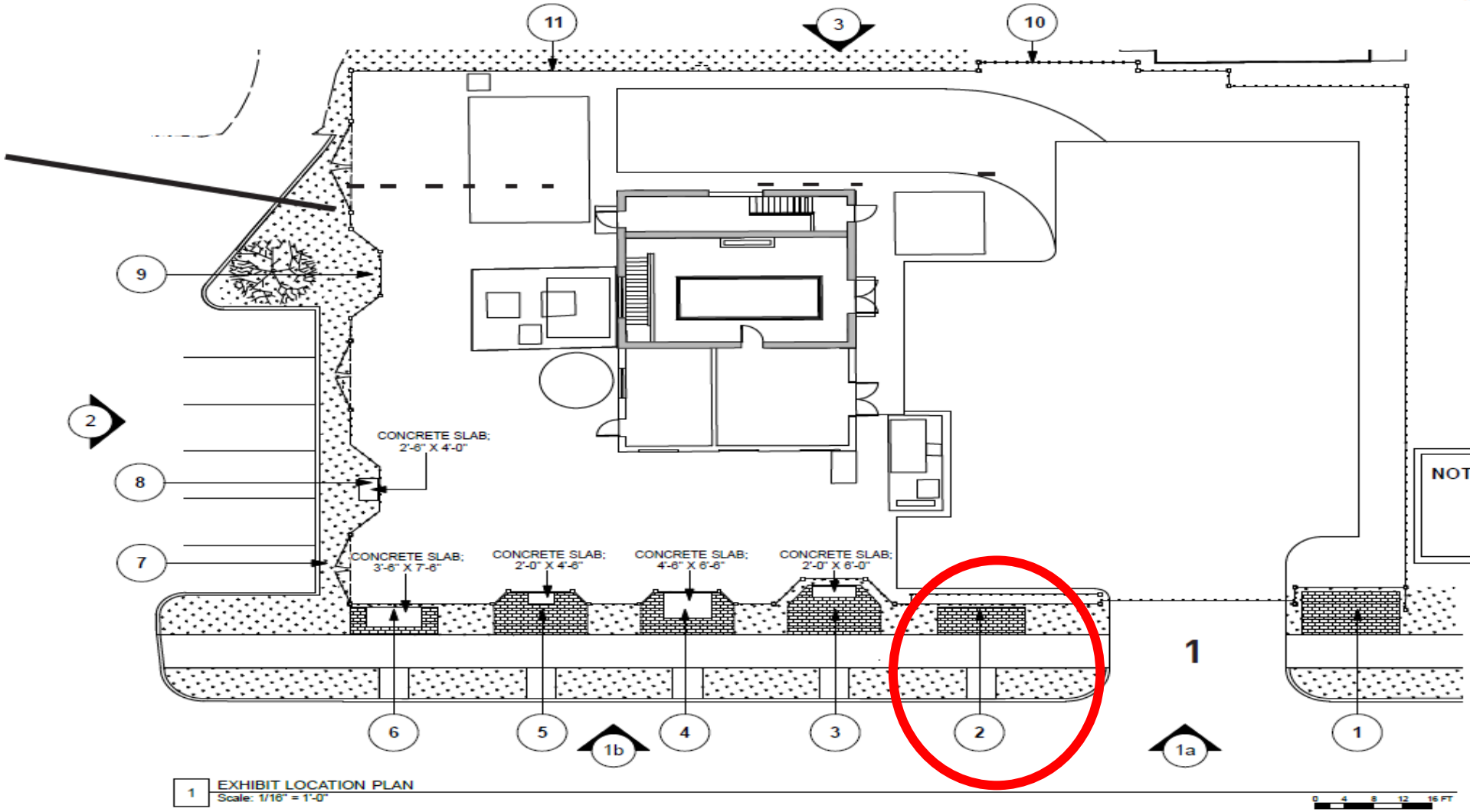


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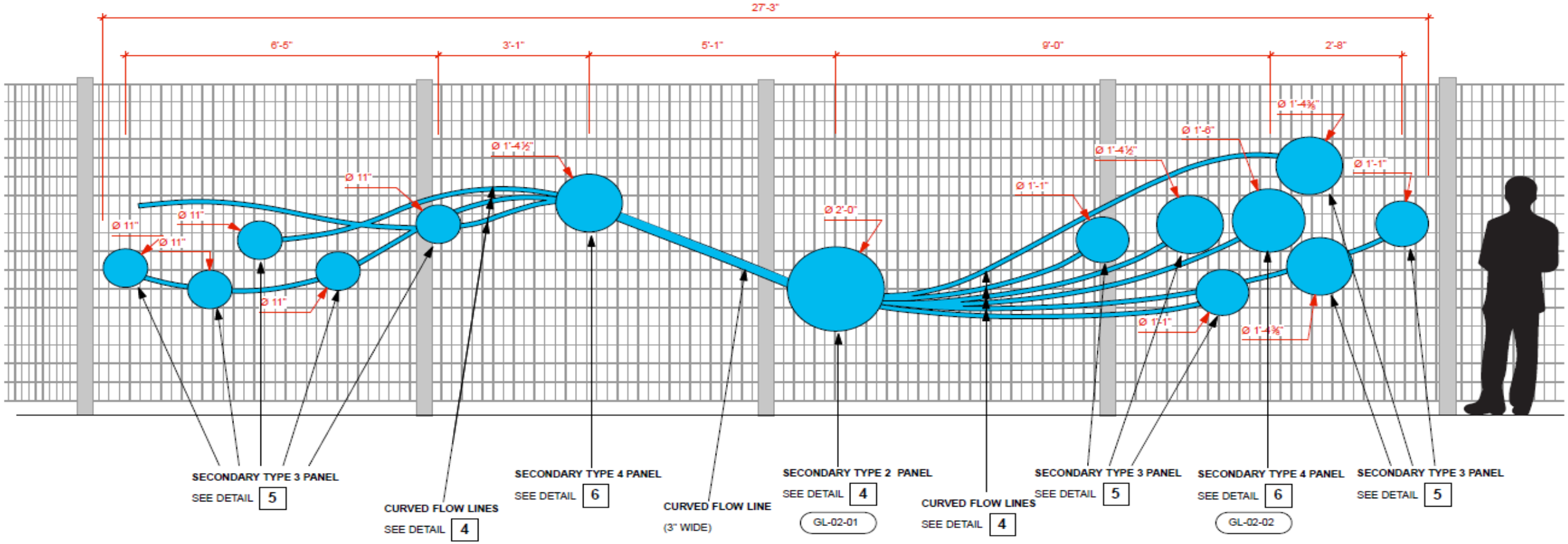
Exhibit 2 – Water Flow Graphics



1 ELEVATION @ Section 2 - Water Flow Graphic
Scale: 1/2" = 1'-0"

0 1 2 3 4 FT

Exhibit Overview

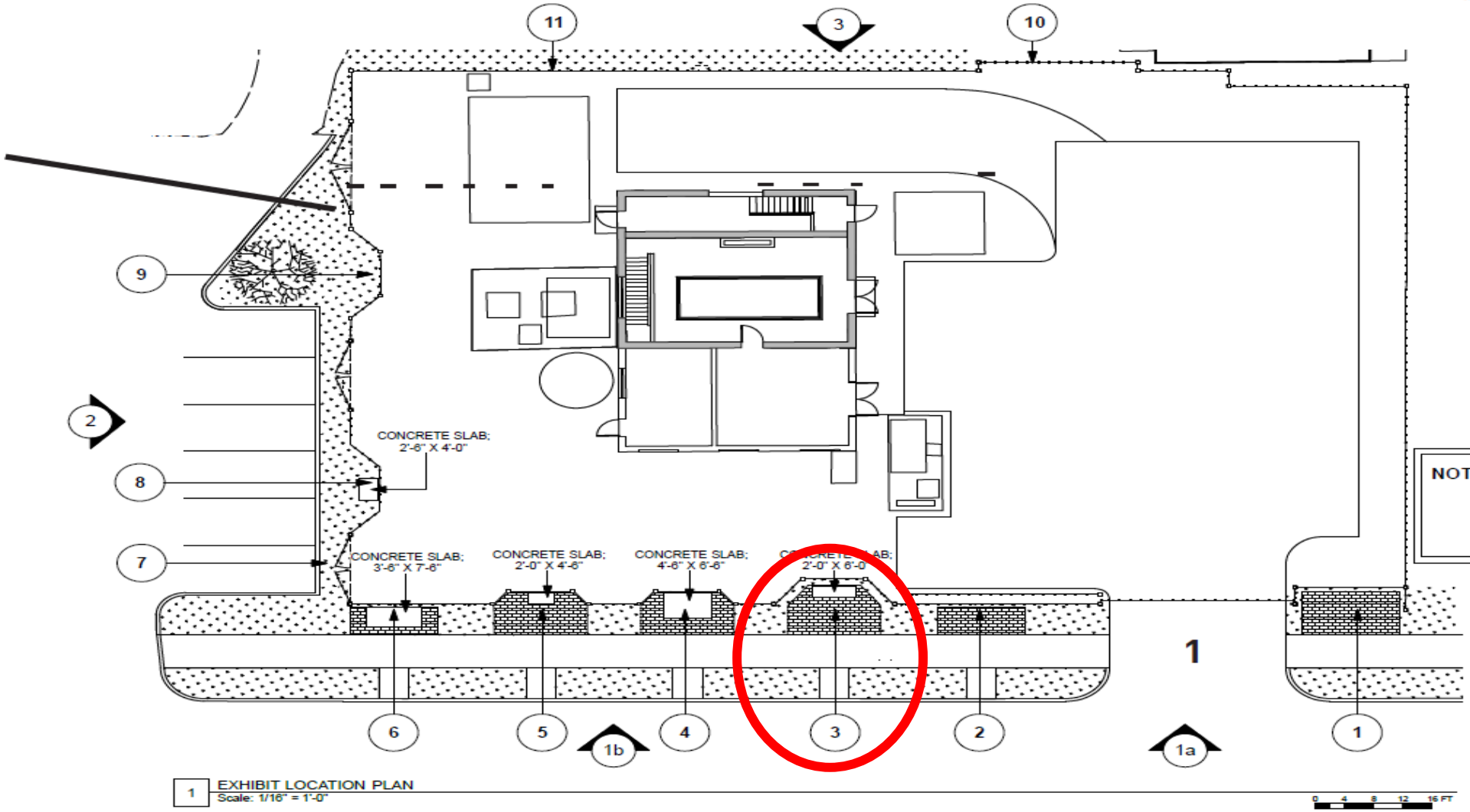


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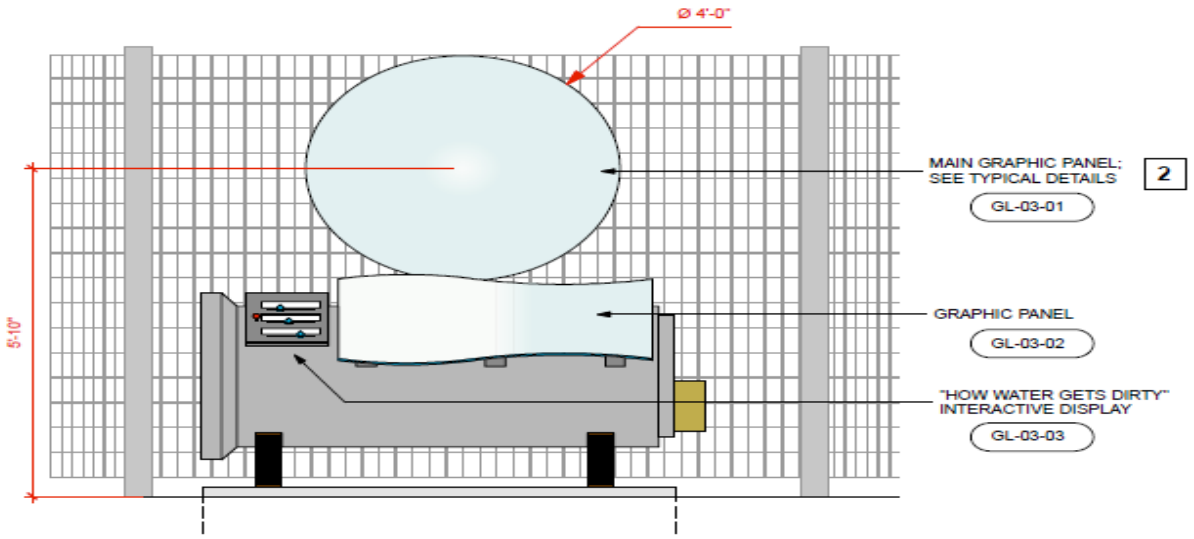
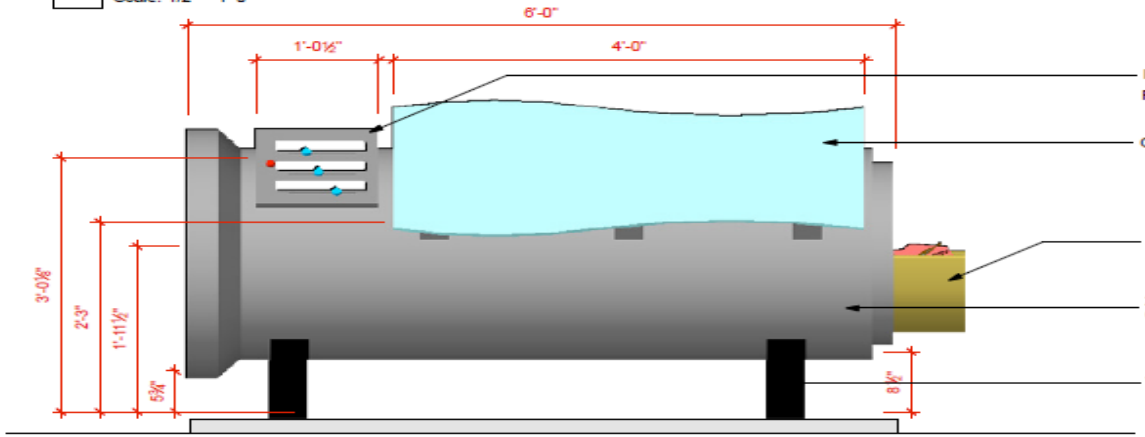
Exhibit 3 – How Water Gets Dirty



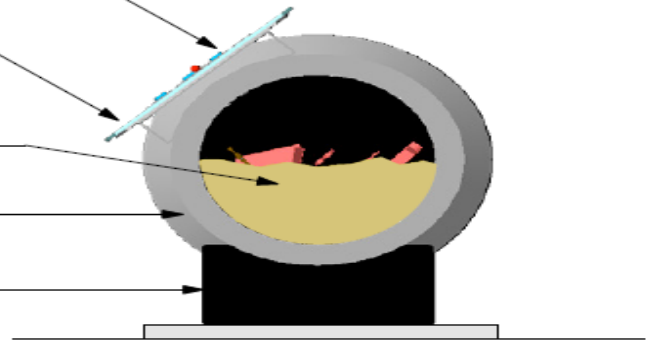
1 ELEVATION @ Section 3 How Water Gets Dirty
Scale: 1/2" = 1'-0"

3 PLAN VIEW @ Interactive
Scale: 3/4" = 1'-0"

NOTE; UNIT SITS ON 2'-0" X 6'-0" CONCRETE SLAB (BY CLIENT) DEPTH AND SPECIFICATIONS T.B.D.



2 ELEVATION @ Interactive
Scale: 3/4" = 1'-0"



4 RIGHT SIDE VIEW
Scale: 3/4" = 1'-0"

Exhibit Overview

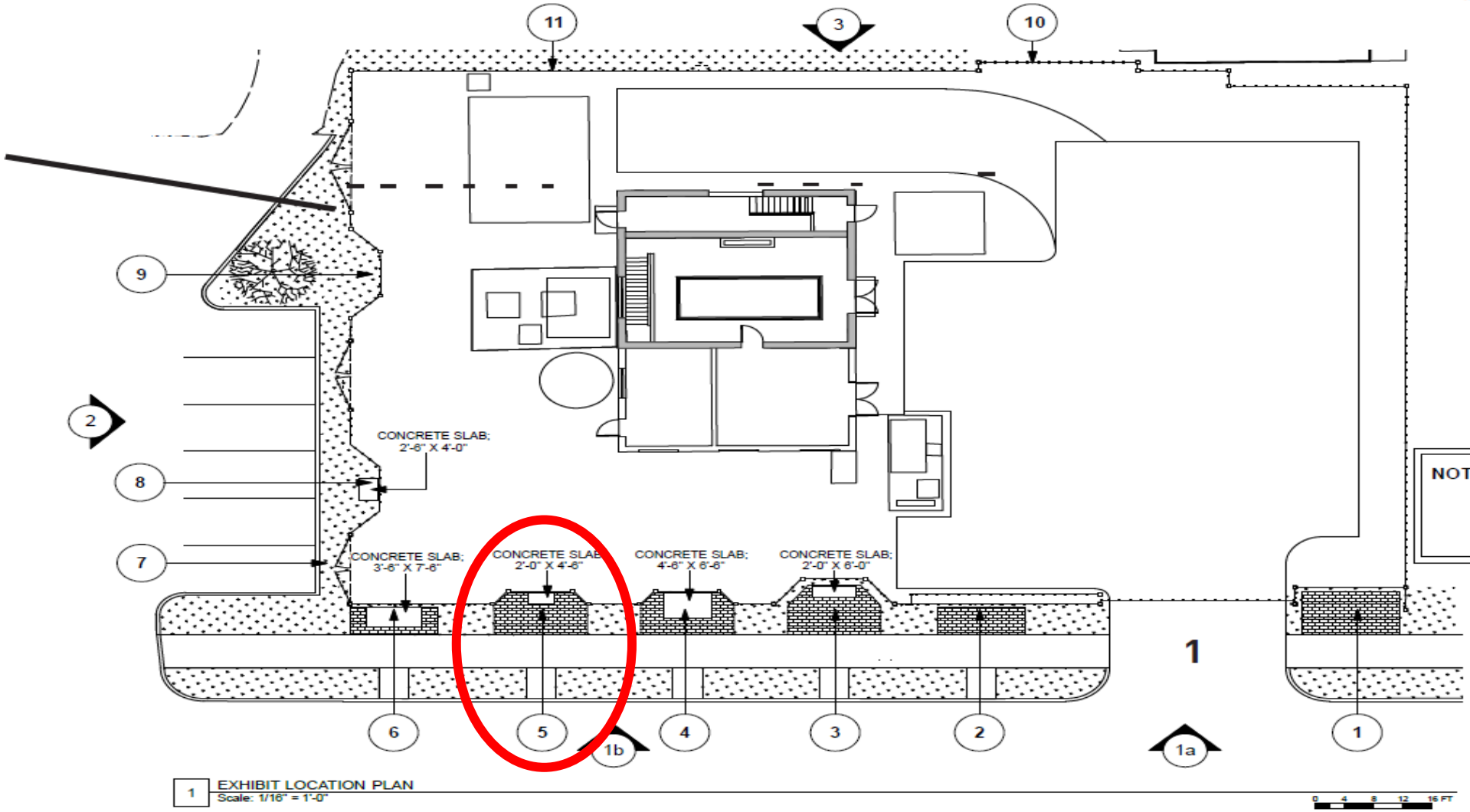


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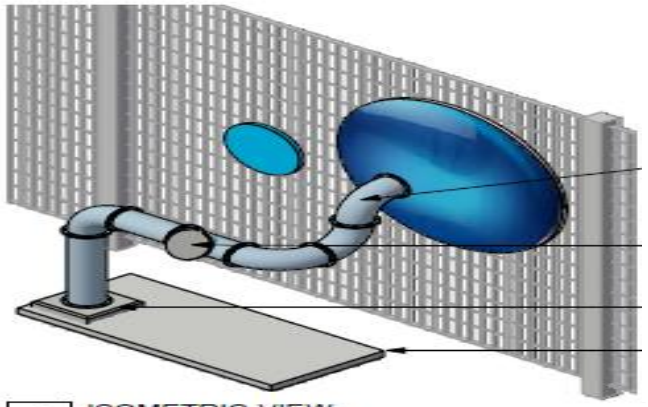
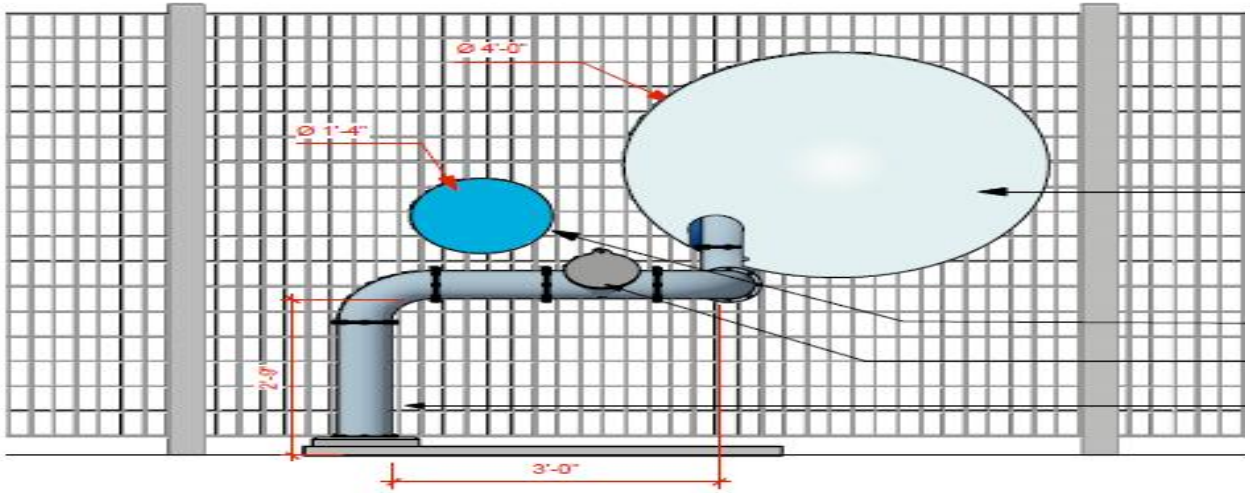
Exhibit 5 – Good Neighbors



2 ISOMETRIC VIEW
Scale: N.T.S.



1 FRONT ELEVATION @ Section 5 Good Neighbors
Scale: 1/2" = 1'-0"

Exhibit Overview

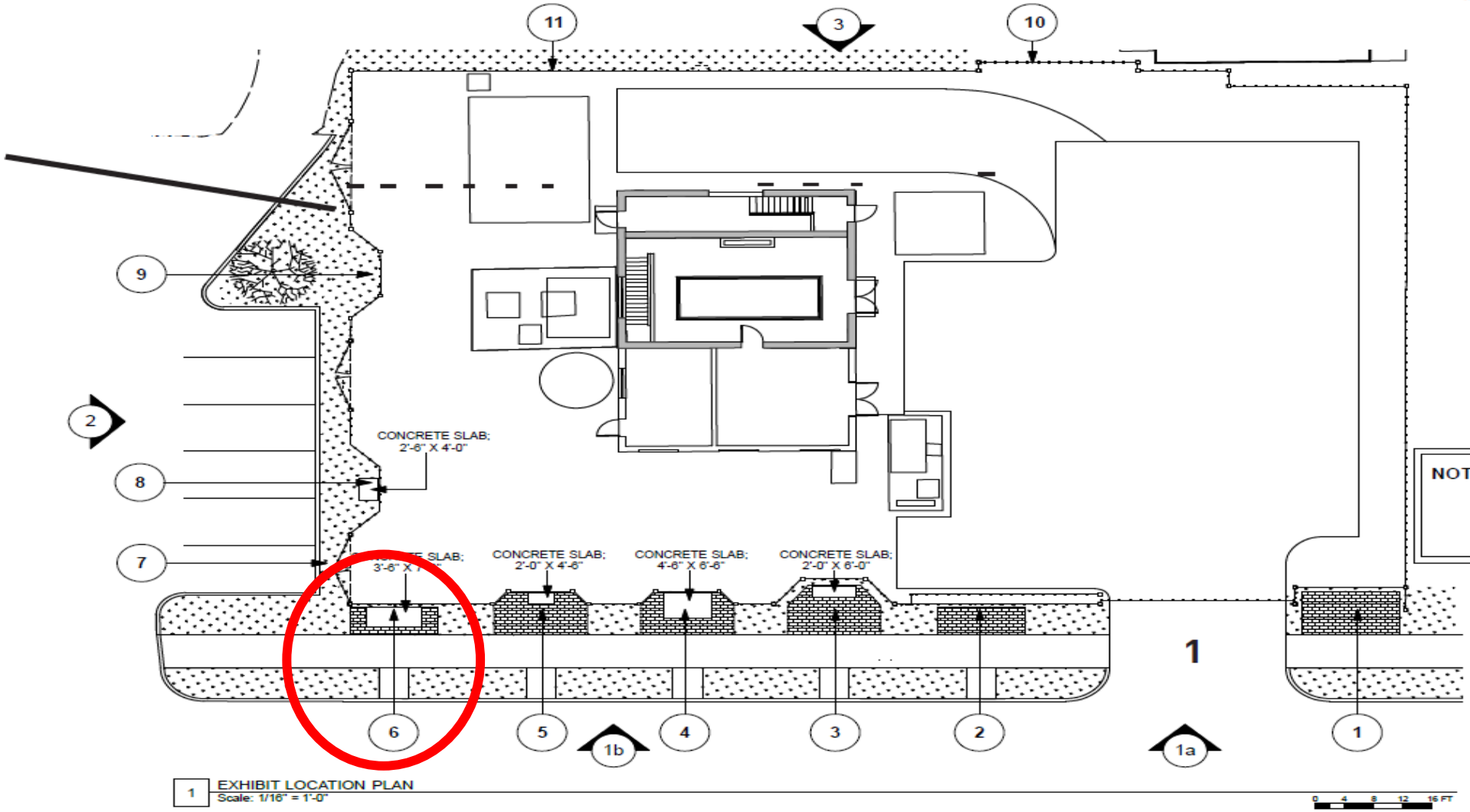


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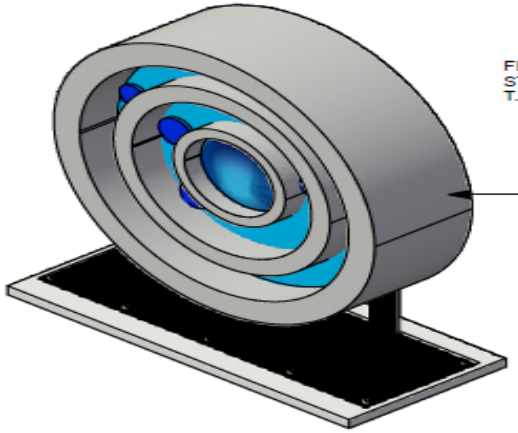
Exhibit 6 – Under the Scene

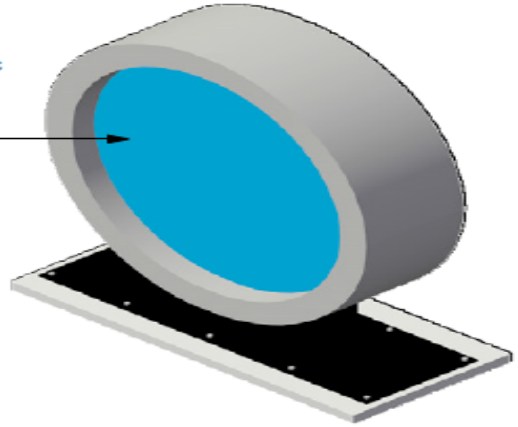


FIBERGLASS REINFORCED PLASTIC STRUCTURE (INTERNAL FRAMING T.B.D.)

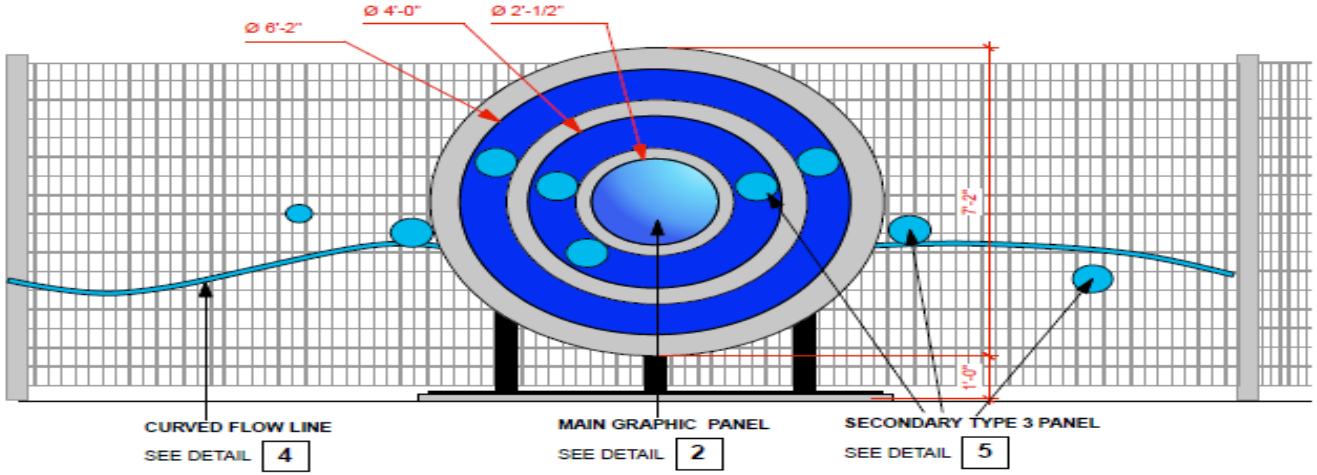
REMOVABLE BACK PANEL

CONCENTRIC RINGS W/ FAUX CONCRETE FINISH

2 FRONT ISOMETRIC VIEW
Scale: 3/8" = 1'-0"



3 REAR ISOMETRIC VIEW
Scale: 3/8" = 1'-0"



1 FRONT ELEVATION @ Section 6 Under the Scene
Scale: 3/8" = 1'-0"

Exhibit Overview

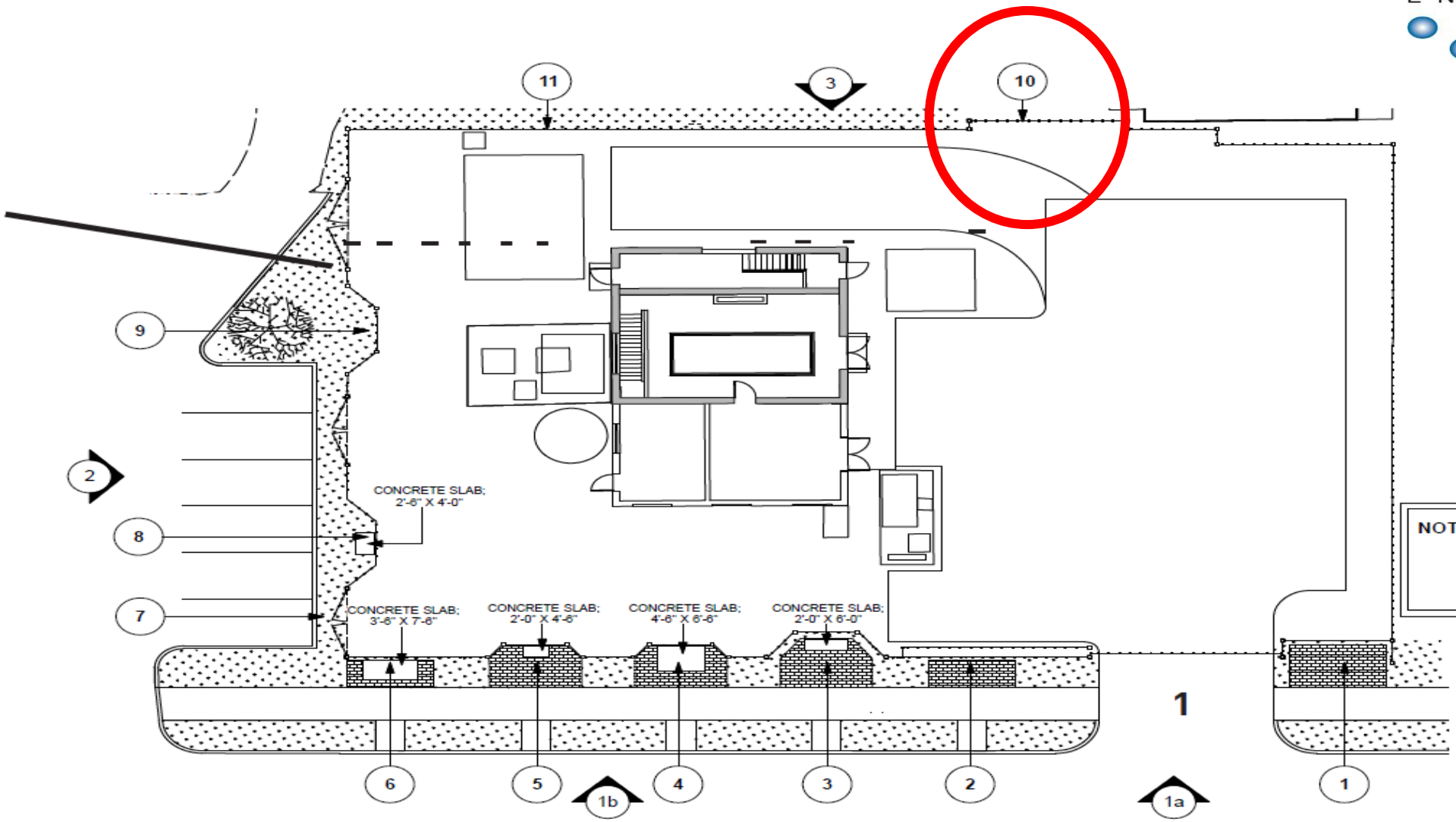


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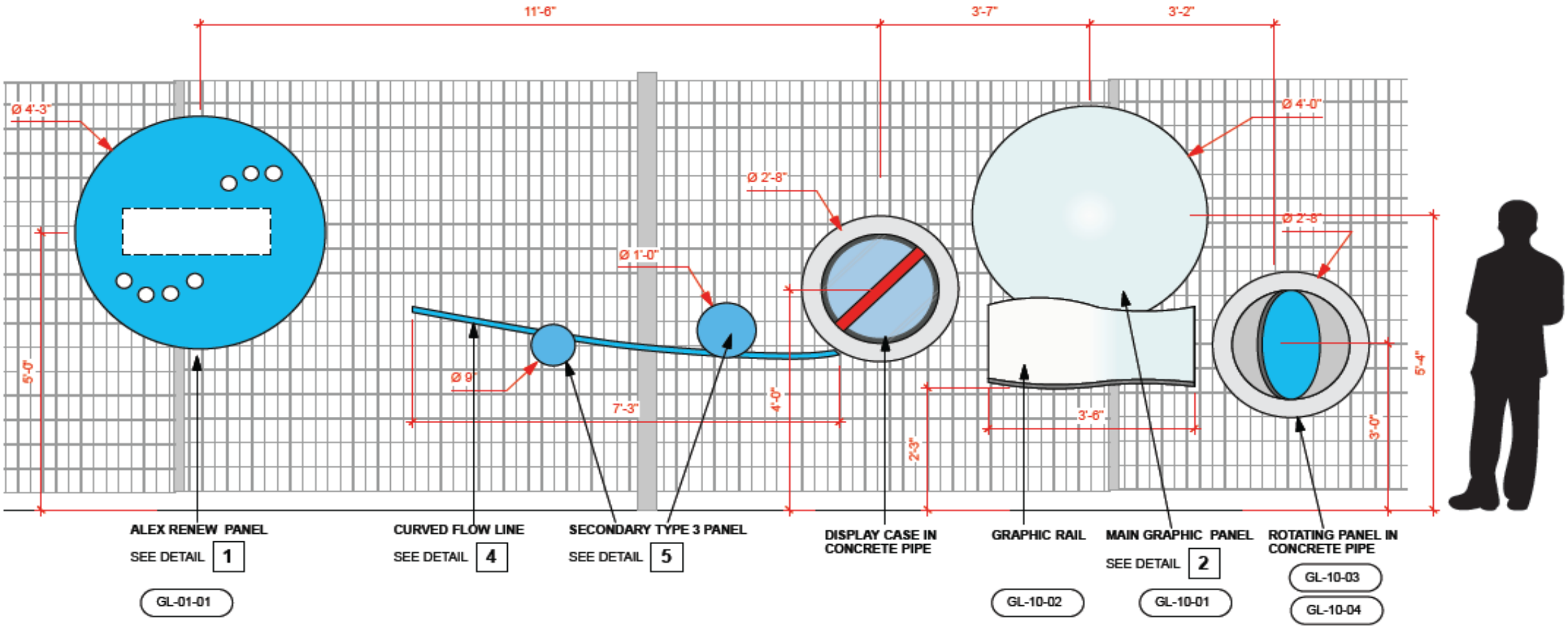
Exhibit 10 – What You Can Do



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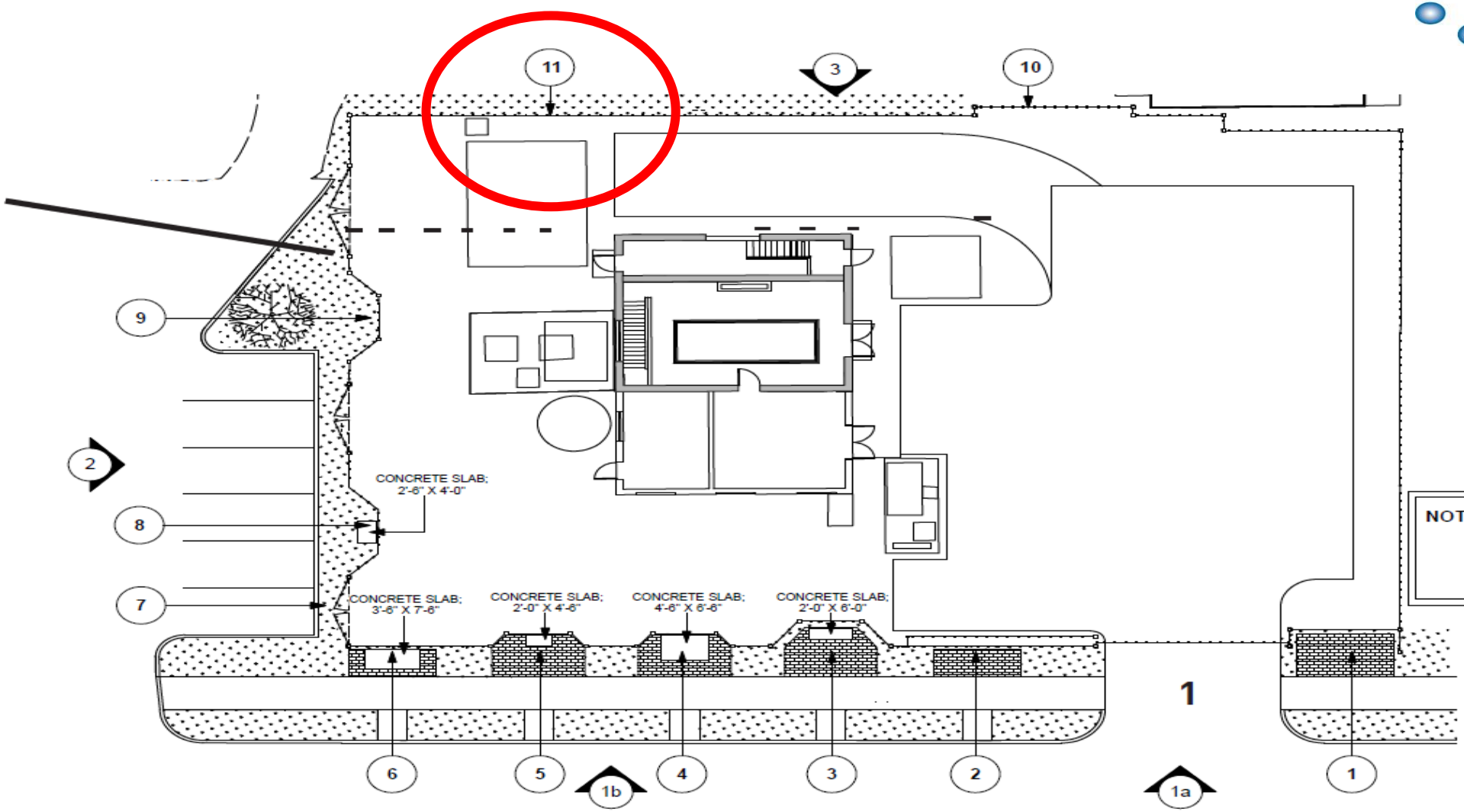

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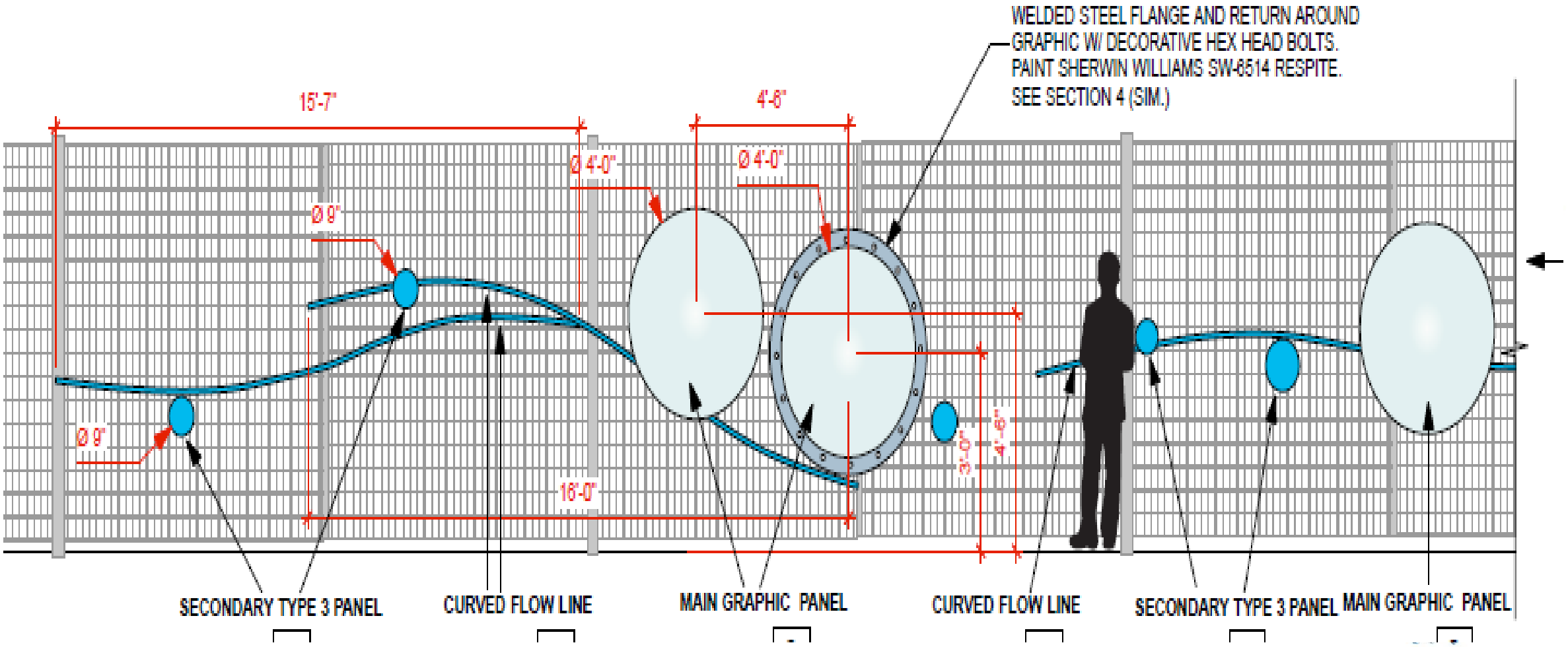
Exhibit 11 – Welcome to the Pump Station



Current Status of Educational Elements

- Bidding on fabrication and installation
- Finalizing content for all of the graphics
- Expected completion date: Fall/Winter 2016

Questions?

Melanie Mason

Community Outreach/Education Manager

Melanie.mason@alexrenew.com

(703) 549-3381 ext. 2266