



**MAINE DEPARTMENT OF  
INLAND FISHERIES AND WILDLIFE**

**ADDENDUM NO. 3**

**17-JUL-24**

TO THE SPECIFICATIONS, PROPOSAL, CONTRACT AND BOND  
FOR THE CONSTRUCTION OF

**PHASE III FACILITY CONVERSION AT NEW GLOUCESTER STATE FISH HATCHERY**

**NEW GLOUCESTER, MAINE**

**CUMBERLAND COUNTY**

BGS PROJECT NO.: 3289-312



<b>SUBJECT:</b>	<b>ADDENDUM NO. 3</b>
<b>PROJECT:</b>	Phase III Facility Conversion at New Gloucester State Fish Hatchery
<b>TO:</b>	Richard Parker - DIFW
<b>FROM:</b>	Andrew Gurski – HDR

This Addendum is issued to known individuals, firms or corporations holding Bidding Documents and Contract Documents for above listed project.

This Addendum is hereby made a portion of Bidding Documents and Contract Documents.

**PART 1 - QUESTIONS AND ANSWERS**

- 1. QUESTION:** The specification call for 6” waterstops but the plans indicate 4”. Which is it?  
**ANSWER:** All waterstops shall be 4” PVC.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 05:25
- 2. QUESTION:** There are different waterstop products depending on joint type. What is the footing to wall joint considered as a joint type with regard to waterstop?  
**ANSWER:** Waterstops are only required in water-holding structures – clarifier, sludge storage, and drumfilter building. Waterstops shall be placed at joints between walls and slabs. All waterstops shall be 4” PVC.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 05:25
- 3. QUESTION:** Can the specified preformed strip type waterstop be used in lieu of the pvc type?  
**ANSWER:** No. Waterstops shall be 4” PVC at all water-holding structures.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 05:25
- 4. QUESTION:** The wall sections on 04S-302 show “rigid insulation with architectural wall finish” over the CMU exterior walls. The exterior elevations on 04A-101 show exterior walls as CMU. Please clarify the exterior wall required materials system.  
**ANSWER:.** See Part 3 for update.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 11:09
- 5. QUESTION:** The exterior gable walls have no reference to exterior wall requirements above the CMU walls. Please clarify the wall requirements at this condition.  
**ANSWER:** See Part 3 for update.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 11:09
- 6. QUESTION:** There is no door schedule for the exterior door 13 at the Effluent Treatment Building. Please provide.  
**ANSWER:** See Part 3 for update.  
**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 11:28
- 7. QUESTION:** There is a specification section 08 15 00 Fiberglass Reinforced Plastic (FRP) Doors And Frames. What doors does this spec section pertain to?



**ANSWER:** See Part 2 below. This spec section can be removed.

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Thu 6/27/2024 11:28

8. **QUESTION:** The pavilion tanks are to receive aluminum drain screens. In addition, the detail show 2 spare screens to be provided for future use by owner. My question is are we to provide:
- 2 spares per tank for a total of 32 screens, or
  - 2 spares per building for a total of 4 screens. Or
  - Just 2 spare screens total

**ANSWER:** Total round screens for centers of 20-ft tanks is 40 screens: screens with ¼" holes installed in each of the 16 tanks, a spare with ½" holes for User to install in 16 tanks and a spare with 5/32" holes for user to install in 8 tanks.

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Tue 6/28/2024 05:45

9. **QUESTION:** There is a specification section 07 13 26 Self-Adhering Sheet Membrane Waterproofing. Where is this being used?

**ANSWER:** See Part 3 for update.

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Tue 7/2/2024 07:43

10. **QUESTION:** The metal siding spec in Division 7 calls for insulated metal panel siding. Is this the correct product to be used at the Effluent Treatment Building & the Storage Building?

**ANSWER:** Yes. This is the product for the Effluent Treatment Building & Storage Building.

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Tue 7/2/2024 08:10

11. **QUESTION:** (UPDATE TO ADDENDUM #2) Please confirm wing wall length for New Gloucester drums: drawing 04S-102 shows a length of 4'-8 3/8" while the schedule summary on drawing 00D-603 lists 4'6". Which one should it be?

**ANSWER:** See Part 3 of this Addendum and recognize that these dimensions are not the same thing. The structural sheet dimension is from a decking edge to a masonry wall while the bypass weir runs from the drumfilter to a cast-in-place sump wall and the latter is scheduled correctly.

**SOURCE:** Constance Beaulaton [constance.beaulaton@innovasea.com](mailto:constance.beaulaton@innovasea.com) Tue 7/2/2024 16:13

12. **QUESTION:** The Painting specifications refer to a Finish Schedule but one is not included in the bid documents. Thus the painting requirements are quite vague. The specification refer to some equipment, equipment mechanisms, structural steel and so on. Is it possible to get a clear scope of work for what is required for painting on this project?

**ANSWER:** There is no room schedule for painting as there are no interior rooms to be painted. Items to be painted under this specification include doors, bollards, and any other surface that is identified to painted, that does not receive a factory applied finish.

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Wed 7/3/2024 12:41

13. **QUESTION:** Addendum 1 says there is a specification for the windows attached but I don't see this.

**ANSWER:** This question was updated in Addendum #2

**SOURCE:** Joe LaRose [jarose@gannestonconstruction.com](mailto:jarose@gannestonconstruction.com) Wed 7/3/2024 13:54

14. **QUESTION:** The Specifications List the owner as Maine Fish and Wildlife. For Bond purposes is the address 33 Water Street, Augusta Me or 77 State House Station, Augusta.

**ANSWER:** The proper address is:



Maine Department of Inland Fisheries and Wildlife  
353 Water Street SHS 41  
Augusta Maine 04333.

**SOURCE:** Jeff Todd [Jeff@apex-constructioninc.com](mailto:Jeff@apex-constructioninc.com) Tue 7/9/2024 09:40

- 15. QUESTION:** On Drawing 04S-305 Detail 1 is there backfill under the L shaped concrete part?  
Concrete installer is wondering what is holding that up?

**ANSWER:** The concrete trough is cantilevered off of the vertical tank wall.

**SOURCE:** Tyler Coffin [tyler@dotens.com](mailto:tyler@dotens.com) Thu 7/11/2024 07:33

- 16. QUESTION:** The specification reads the well water supply line and the drain line must stay active from Oct – May because that is when fish will be at the Hatchery. With no fish on site now, will fish be on site prior to completion ? If not is that requirement going to be enforced.

**ANSWER:** Fish rearing will be ongoing at the site thru the months of October to May inside the hatchery building. Well water shall not be interrupted during this time without owner consent. No fish will be stocked outside in the raceways.

**SOURCE:** Jeff Todd [Jeff@apex-constructioninc.com](mailto:Jeff@apex-constructioninc.com) Thu 7/11/2024 12:55

- 17. QUESTION:** The specification indicates Hatchery effluent water is to be used for Concrete Tank Water Testing. With water testing being conducted prior to Plant completion can water be taken from the Reservoir or a Raceway?

**ANSWER:** The raceway's will not be active by the time concrete testing is to take place. Therefore, water used for testing can be taken from the reservoir or the stream or another source as approved by the engineer.

**SOURCE:** Jeff Todd [Jeff@apex-constructioninc.com](mailto:Jeff@apex-constructioninc.com) Thu 7/11/2024 12:55

## PART 2 – PROJECT MANUAL UPDATES

### 18. DIVISION 08 – OPENINGS

- a. **SECTION 08 15 00 - FIBERGLASS REINFORCED PLASTIC (FRP) DOORS AND FRAMES**
  - i. **REMOVE SECTION**

### 19. DIVISION 40 – PROCESS INTERCONNECTIONS

- a. **SECTION 40 05 52 – MISCELLANEOUS VALVES**

- i. **REPLACE:** All of Part 2.2

**WITH:** “**2.2 SEWAGE AIR RELEASE VALVE** – Short body, 316 stainless steel and non-ferrous construction, 2-inch inlet with isolation valve (not necessarily by air release maker), at least 150 psi rated, 1- inch or larger outlet connection, drain plug, Crispin AX, Bermad WW-C50-P or ARI D-020.

- ii. **DELETE:** Parts 2.3 and 2.4

- iii. **REPLACE:** Part 2.5 Mud Valve: “4 foot stem extension supported by a 1 foot”  
**WITH:** “30 inch stem extension supported by an 18 inch.”

- iv. **DELETE:** Part 2.7: “**RATED AT LEST 150 PSI, FPT THREADED ENDS**”

- v. **REPLACE:** Part 2.7, A “one (1) set”

**WITH:** “two (2) sets.”

- b. **SECTION 40 05 66 – CHECK VALVES**



- i. **REPLACE:** Part 2.2: “4-inch valves shall be pressure rated to 150 psi”  
**WITH:** “6-inch valves shall be pressure rated to at least 100 psi.”

**PART 3 -DRAWING UPDATES**

**20. SHEET 01D-501**

- a. **REPLACE:** Detail 1: “Beehive grate, heavy duty where in pavement”  
**WITH:** “vented lid with pick holes, HS20 load rated.”

**21. SHEET 04A-101: ATTACHED**

- a. **ADD:** See Below for schedule.

DOOR AND FRAME SCHEDULE																	
LEVEL	IDENTIFICATION			DIMENSIONS					DOOR TYPE	PANEL		FRAME			FIRE RATING	HARDWARE GROUP	NOTES
	ROOM NO.	ROOM NAME	DOOR NO.	OPENING WIDTH			H	T		Material	Finish	TYPE	Material	Finish			
				W1	W2	Total Width											
T.O. SLAB	400	UPPER LEVEL	13	-	-	4'-0"	7'-0"	1 3/4"	D03	METAL	PAINTED	F05	METAL	PAINTED	N/A	2	

- b. **UPDATE:** Detail 1 & 2: The exterior walls will be insulated metal wall panels (architectural wall finish) over rigid insulation on CMU.
- c. **ADD:** Detail 4 – Callout: “GABLE END WALLS ABOVE CMU WOOD FRAMING W/ INSULATED METAL WALL PANELS OVER RIGID INSULATION”.

**22. SHEET 04S-102**

- a. **REPLACE:** 4'-8 3/8"  
**WITH:** 4'-10"
- b. **REPLACE:** 1'-3"  
**WITH:** 1'-5"
- c. **REMOVE:** 7'-8"
- d. **ADD:** “NOTE 5: COORDINATE DECKING OPENING DIMENSIONS WITH DRUMFILTER MANUFACTURER.”

**23. SHEET 04S-302: ATTACHED**

- a. **ADD:** Detail B - Callout: “BELOW GRADE RIGID INSULATION OVER WATERPROOFING”

**24. SHEET 04S-306:**

- a. **DELETE:** Partial Plan 1 and Section 2.

**25. SHEET 04D-401**

- a. **ADD:** Plan 1, General Notes: “4. Locate floor sink 3 feet farther southwest than shown and provide p-trap and 2-inch vent up inside face of wall and offset with 45-degree els to near roof ridge and provide 3-inch vent through roof 3 ft from roof edge.”

**26. SHEET 04D-404**

- a. **REPLACE:** Section 2: Twice “6-inch SLU CL 230.30”  
**WITH:** “6-inch SLU CL 230.19”  
**REPLACE:** “6-inch WDW CL 232.95”  
**WITH:** “6-inch WDW CL 230.42”

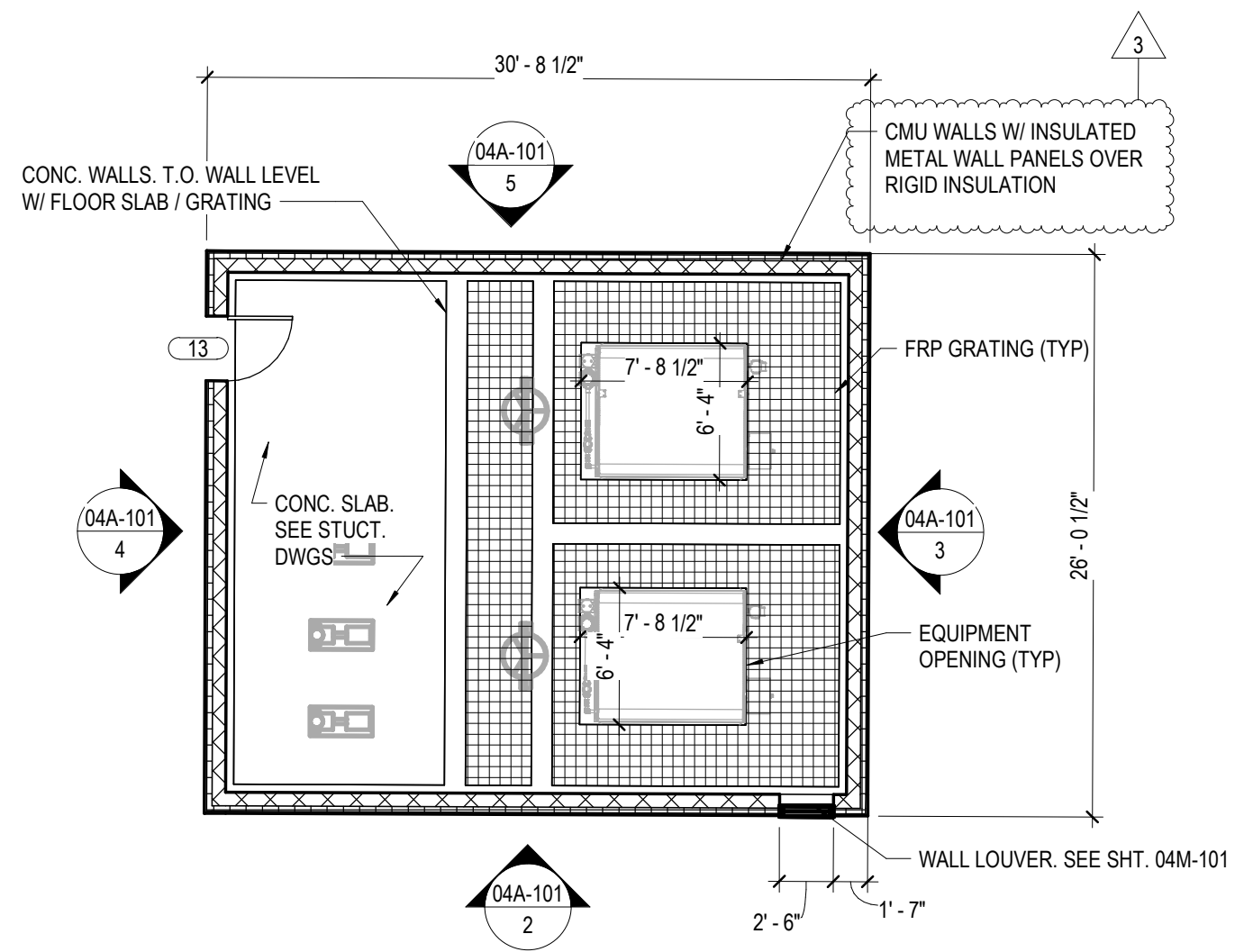
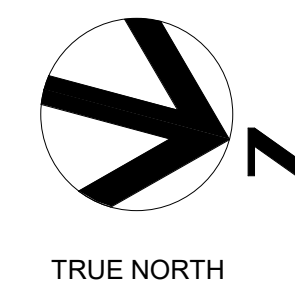
**27. SHEET 04D-501:**

- a. **ADD:** Detail 1: A 3<sup>rd</sup> boxed note: “Provide 3x1 tap or tee to horizontal sludge auto air release valve (pentagon symbol). A valve is not required on the 3-inch pump suction piping.”
- b. **DELETE:** Detail 2: “HORIZ. SLUDGE AUTO AIR RELEASE VALVE PIPED TO DRAIN WITH SLIGHT SLOPE & LONG SWEEP FITTINGS”

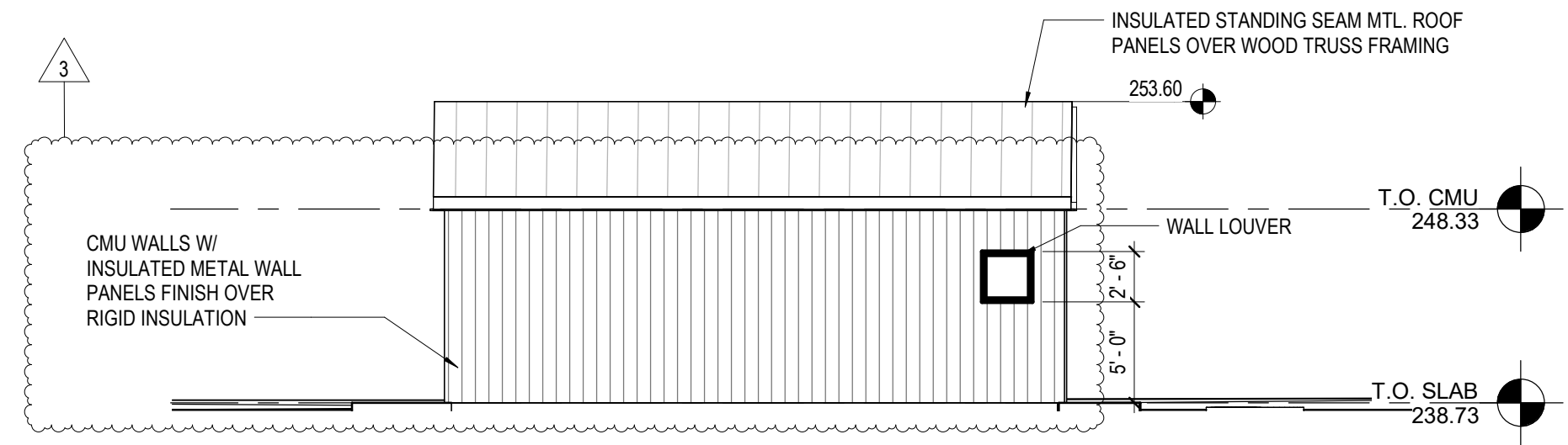


- c. **ADD:** Detail 2: A 2<sup>nd</sup> boxed note: “Provide sewage air release valve and pipe its discharge to floor sink.”

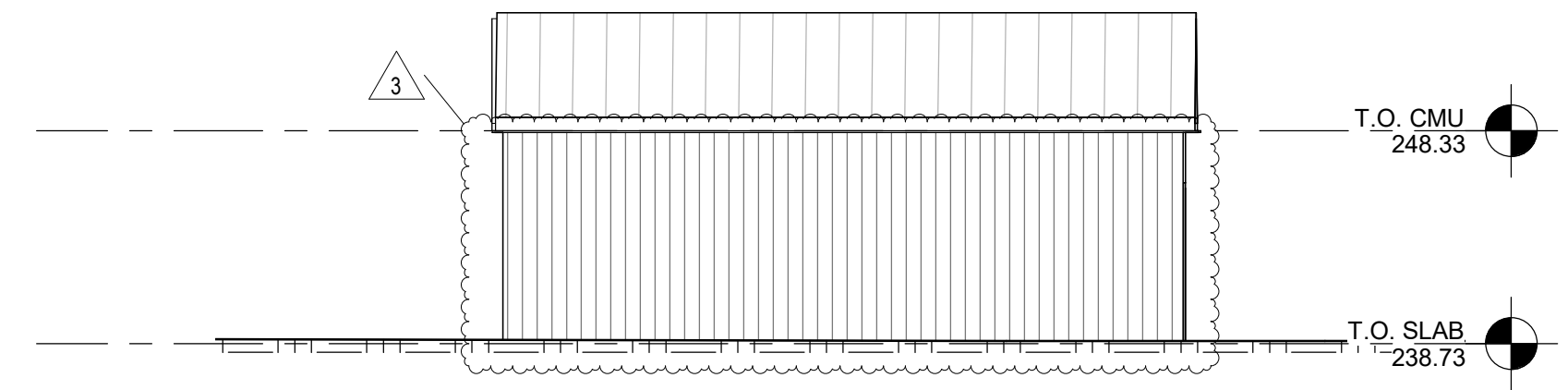
**END OF ADDENDUM 3**



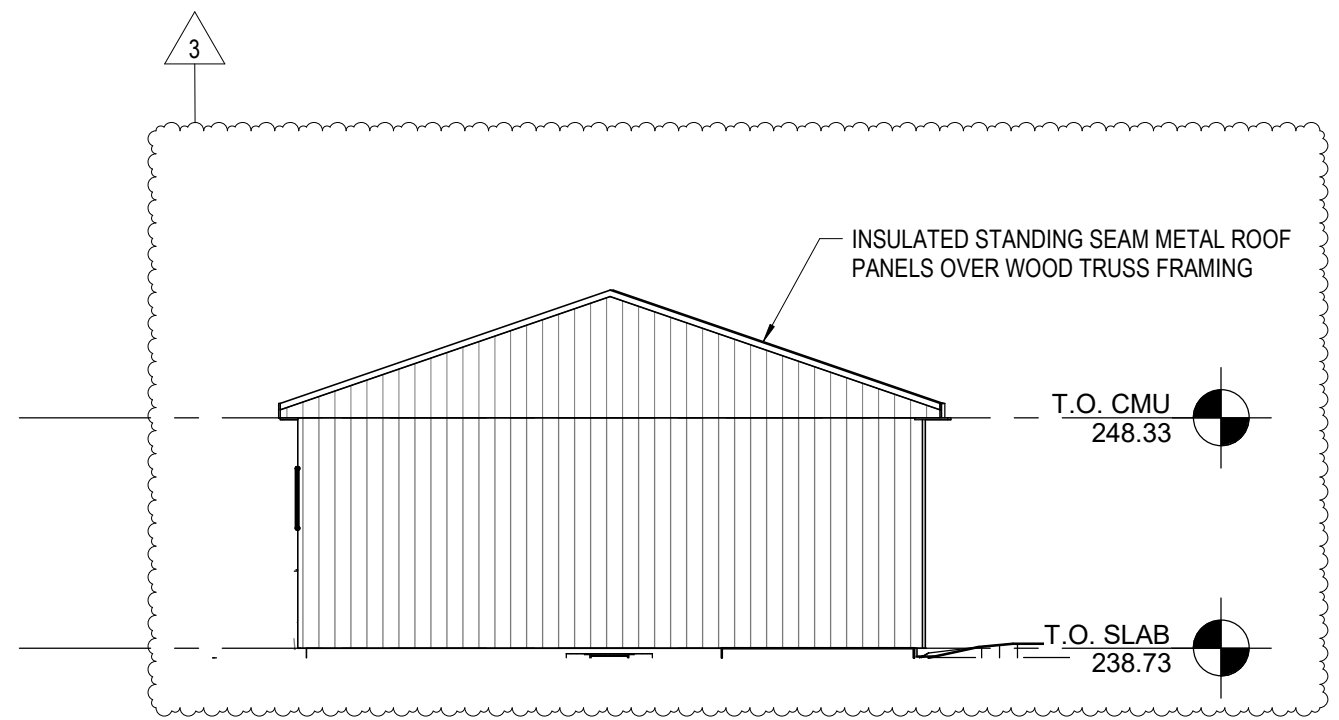
**1** EFFLUENT TREATMENT BLDG PLAN  
1/8" = 1'-0"



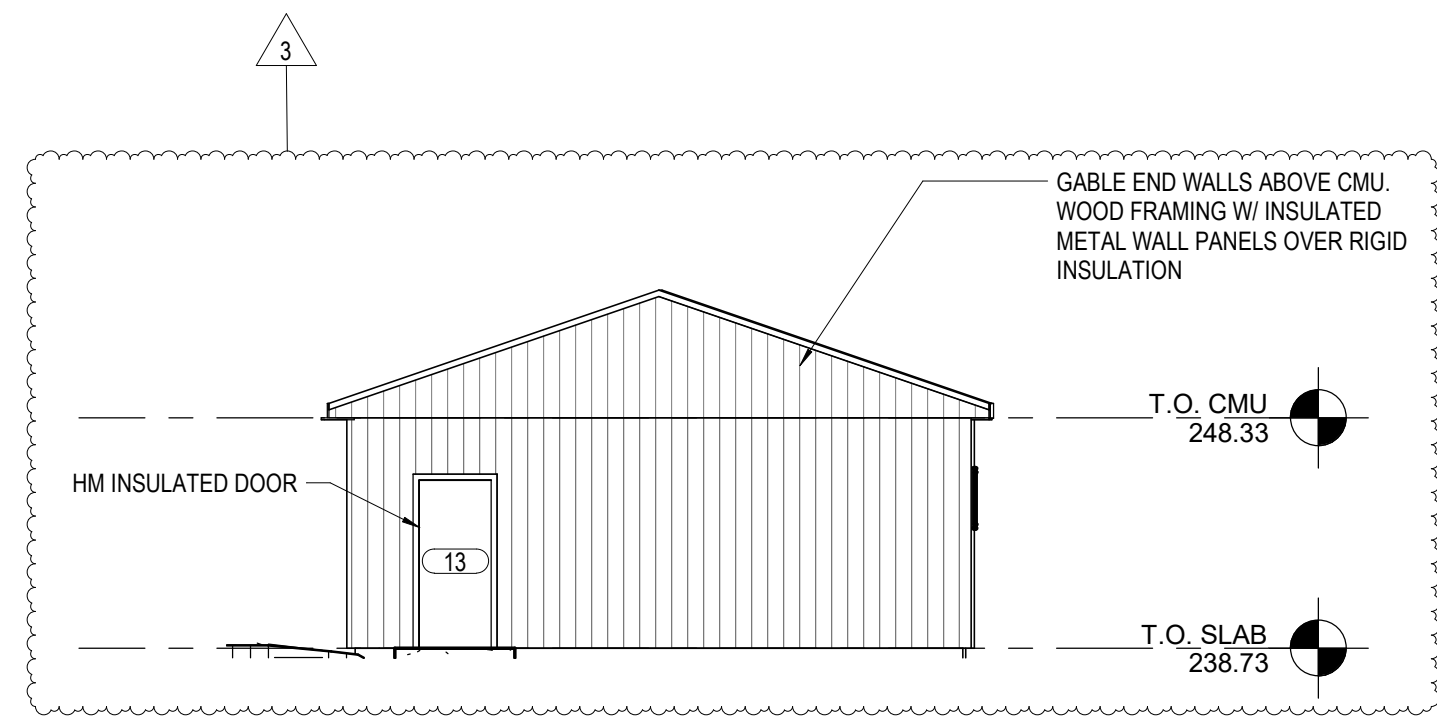
**2** EFFLUENT TREATMENT BLDG - EAST ELEVATION  
1/8" = 1'-0"



**5** EFFLUENT TREATMENT BLDG - WEST ELEVATION  
1/8" = 1'-0"



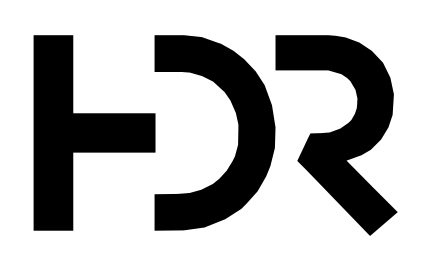
**3** EFFLUENT TREATMENT BLDG - NORTH ELEVATION  
1/8" = 1'-0"



**4** EFFLUENT TREATMENT BLDG - SOUTH ELEVATION  
1/8" = 1'-0"

- GENERAL NOTES:**
- FURNISH AND INSTALL ANTI-SLIP RUBBER RUNNER MATS COVERING ENTIRE GRATING/FLOOR. RUNNER MATS SHALL BE 1/8" THICK (MINIMUM), BLACK, WITH STANDARD "V" GROOVES, CLOSELY SPACED. PROVIDE 4 FOOT WIDE ROLLS IN CONTINUOUS LENGTH REQUIRED TO COVER FLOOR. PLACE SEAMS IN CONSPICUOUS LOCATIONS TO AVOID TRIPPING HAZARDS. AVOID SMALL AND NARROW CUTS.

DOOR AND FRAME SCHEDULE																
LEVEL	IDENTIFICATION			DIMENSIONS			DOOR TYPE	PANEL		FRAME			FIRE RATING	HARDWARE GROUP	NOTES	
	ROOM NO.	ROOM NAME	DOOR NO.	OPENING WIDTH		H		T	Material	Finish	TYPE	Material				Finish
T.O. SLAB	400	UPPER LEVEL	13	-	-	4' - 0"	7' - 0"	1 3/4"	D03	METAL	PAINTED	F05	METAL	PAINTED	N/A	2



ISSUE	DATE	DESCRIPTION
3	07/17/2024	ADD #3
1	05/03/2024	ISSUED FOR BID

<b>PROJECT MANAGER</b>	ANDREW GURSKI
CIVIL	J. GAGNON
STRUCTURAL	B. BRADLEY
ARCHITECTURAL	M. BASKIN
PROCESS	J. CHANDLER
MECHANICAL	J. CHANDLER
ELECTRICAL	A. KANER
<b>PROJECT NUMBER</b>	10353741

**NEW GLOUCESTER STATE FISH HATCHERY**  
**Phase III Facility Conversion**

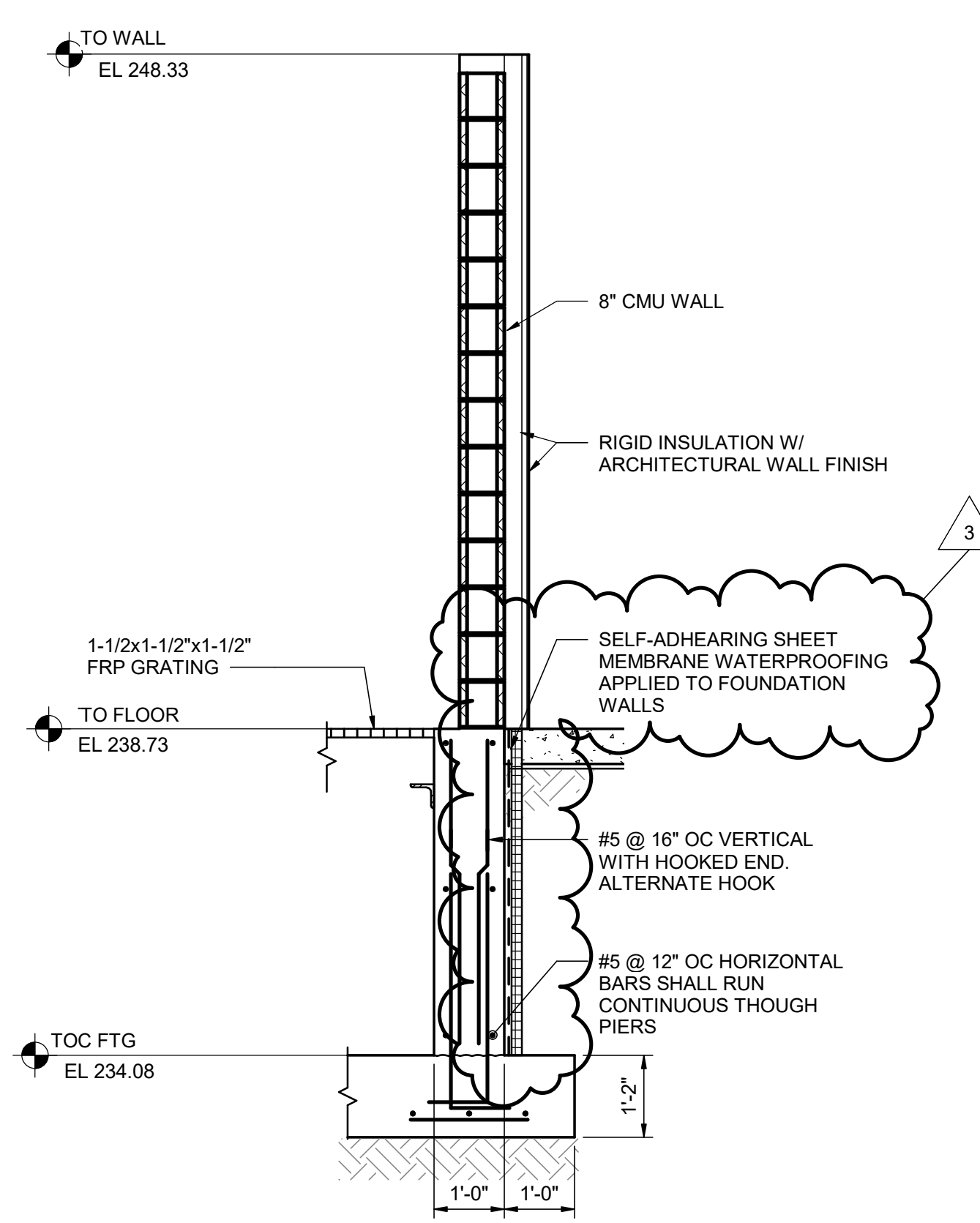
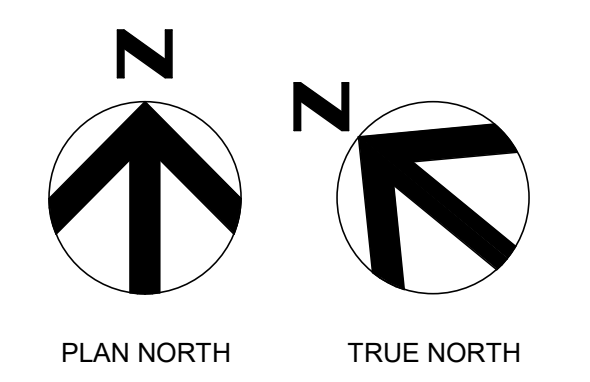
**EFFLUENT TREATMENT BUILDING PLAN AND ELEVATIONS**



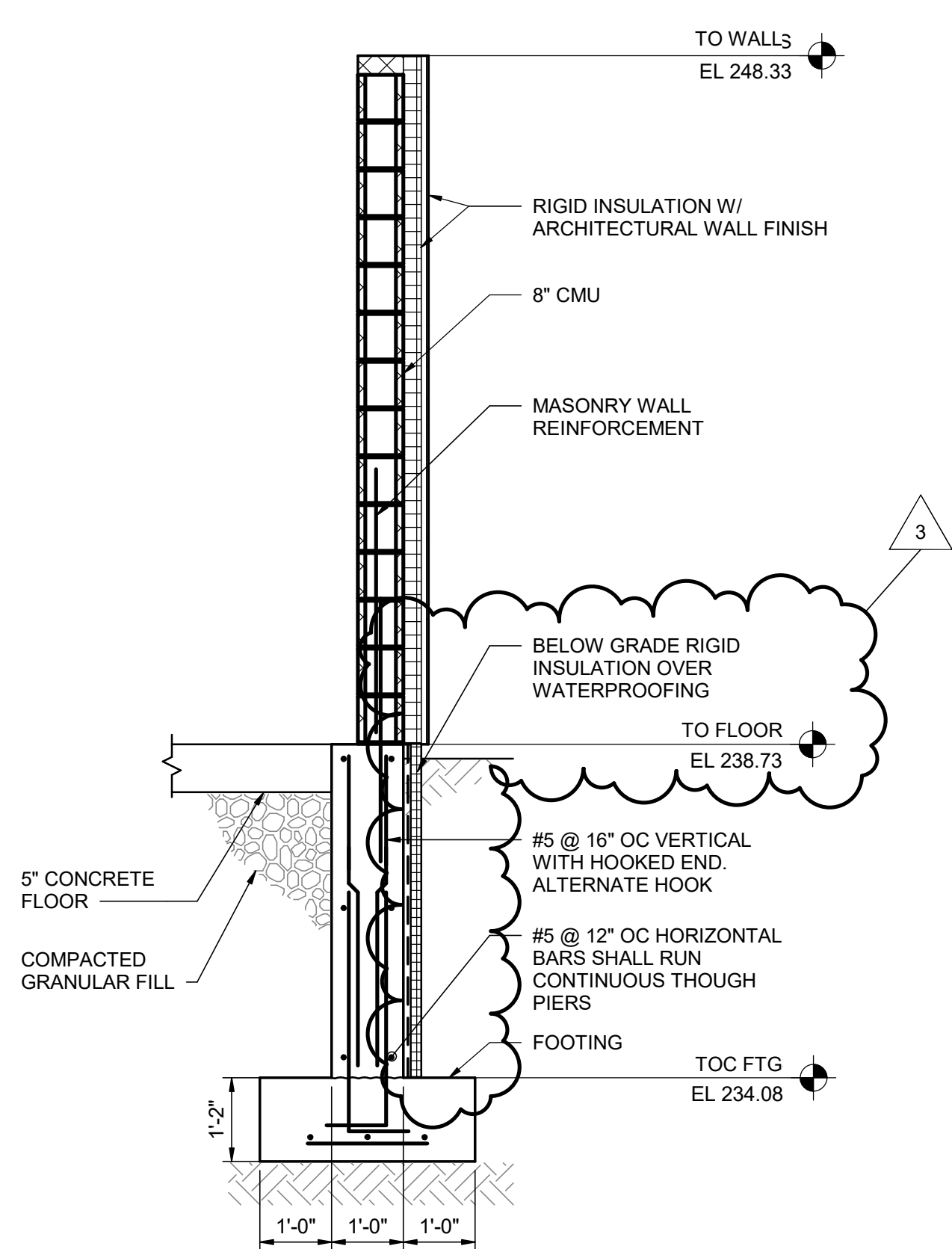
FILENAME  
SCALE 1/8" = 1'-0"

SHEET  
**04A-101**

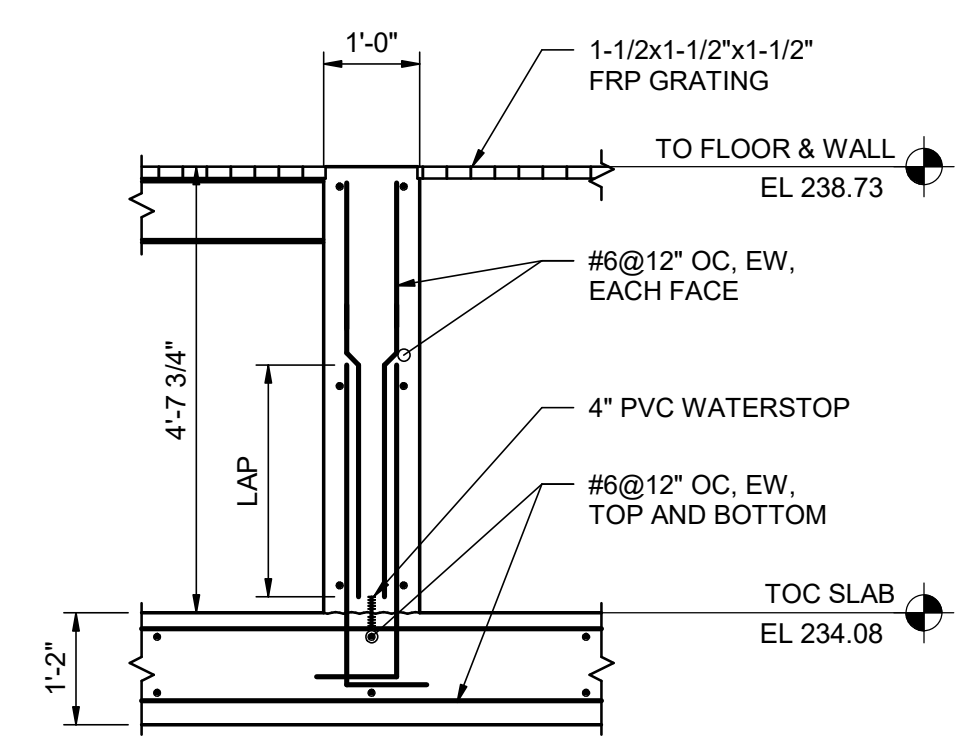
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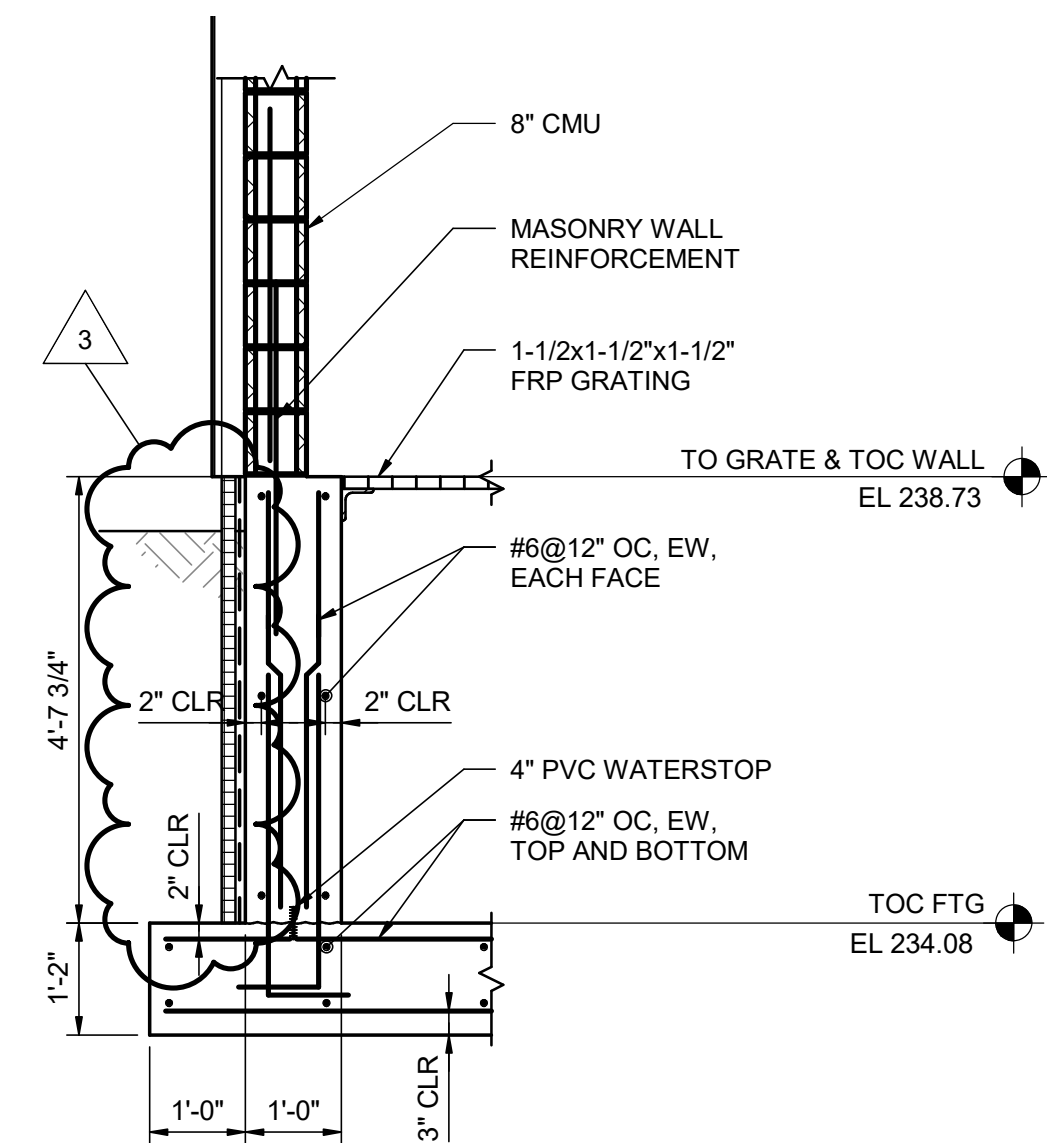
**A SECTION**  
04S-102 1/2" = 1'-0"



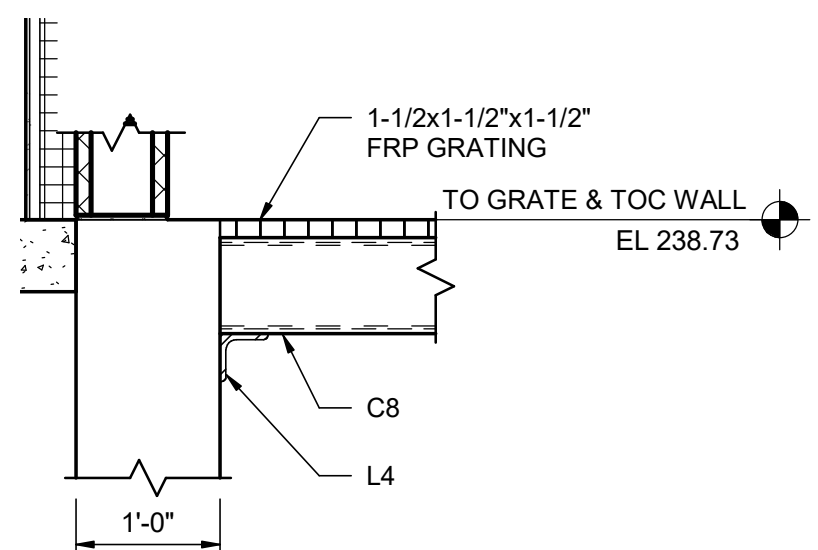
**B SECTION**  
04S-101 1/2" = 1'-0"



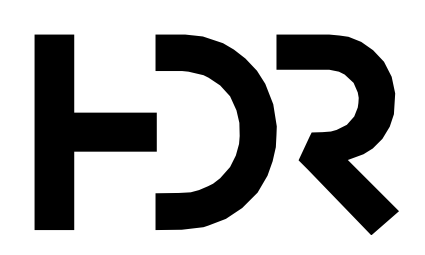
**C SECTION**  
04S-101 1/2" = 1'-0"



**D SECTION**  
04S-101 1/2" = 1'-0"



**E SECTION**  
04S-301 3/4" = 1'-0"

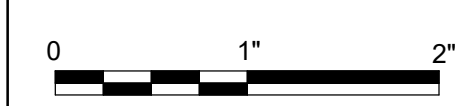


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3	07/17/2024	ADD #3
0	05/03/2024	ISSUED FOR BID

<b>PROJECT MANAGER</b>	ANDREW GURSKI
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PROCESS	J. CHANDLER
MECHANICAL	J. CHANDLER
ELECTRICAL	A. KANER
<b>PROJECT NUMBER</b>	10357541

**NEW GLOUCESTER STATE FISH HATCHERY**  
**Phase III Facility Conversion**

**EFFLUENT TREATMENT BUILDING SECTIONS**



FILENAME | 10357541-04-S.rvt  
SCALE | As indicated

SHEET  
**04S-302**

Autodesk Docs/10353741\_Main/DIF\_NewGloucester Impr\_2022/10357541-04-S.rvt 7/17/2024 11:43:48 AM