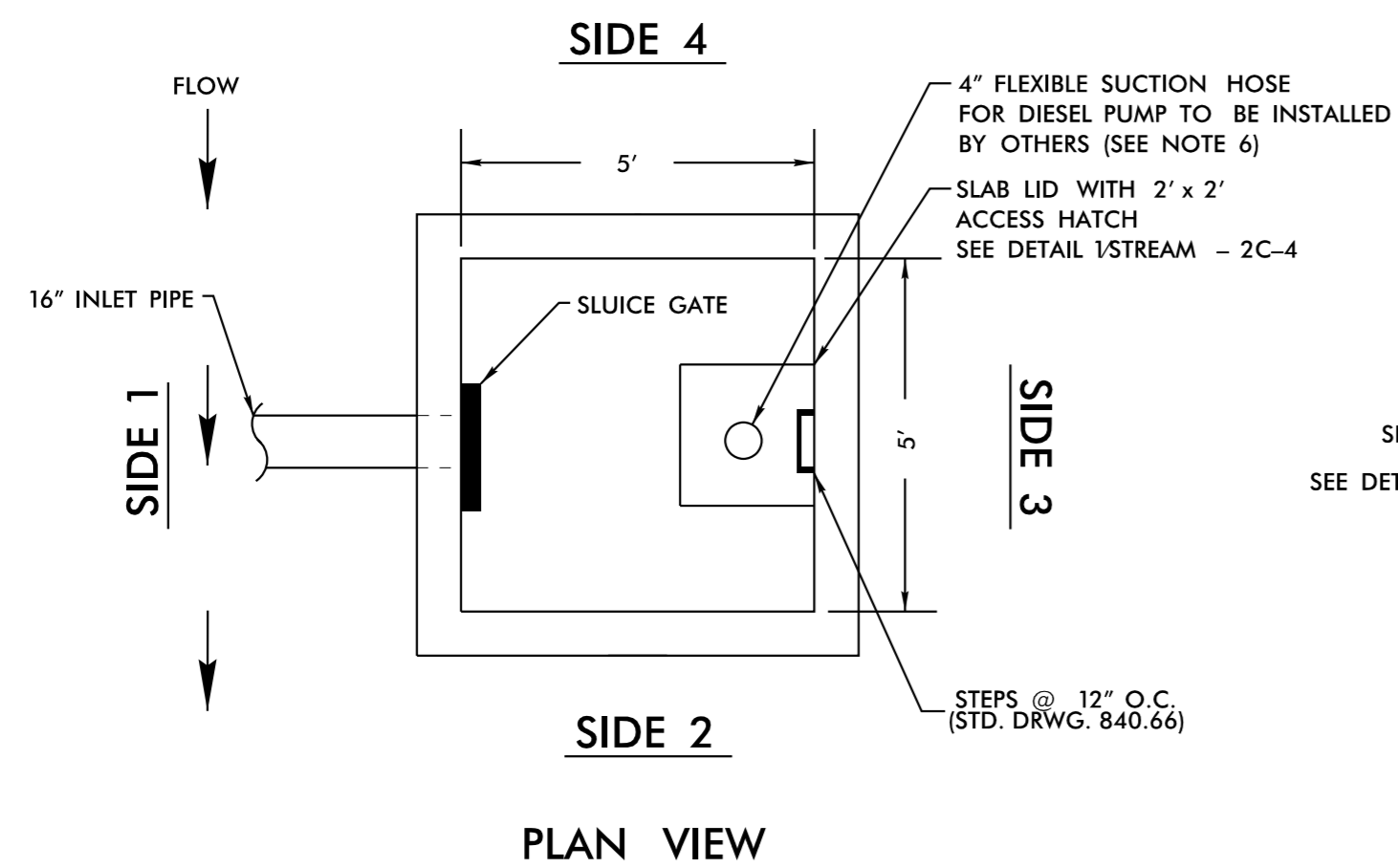


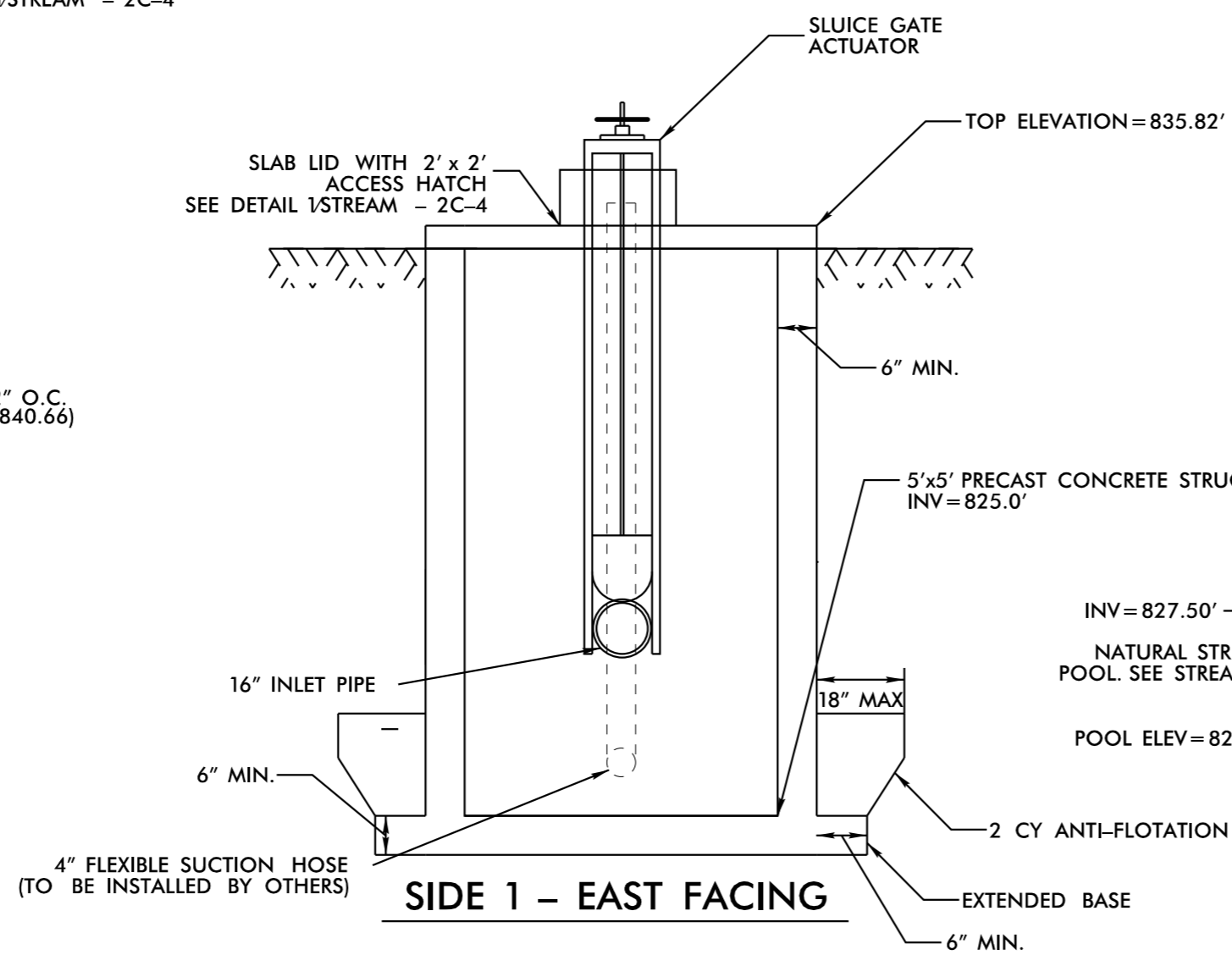
5/14/20

DETAIL STREAM INTAKE VAULT (SEE SPECIAL PROVISIONS)

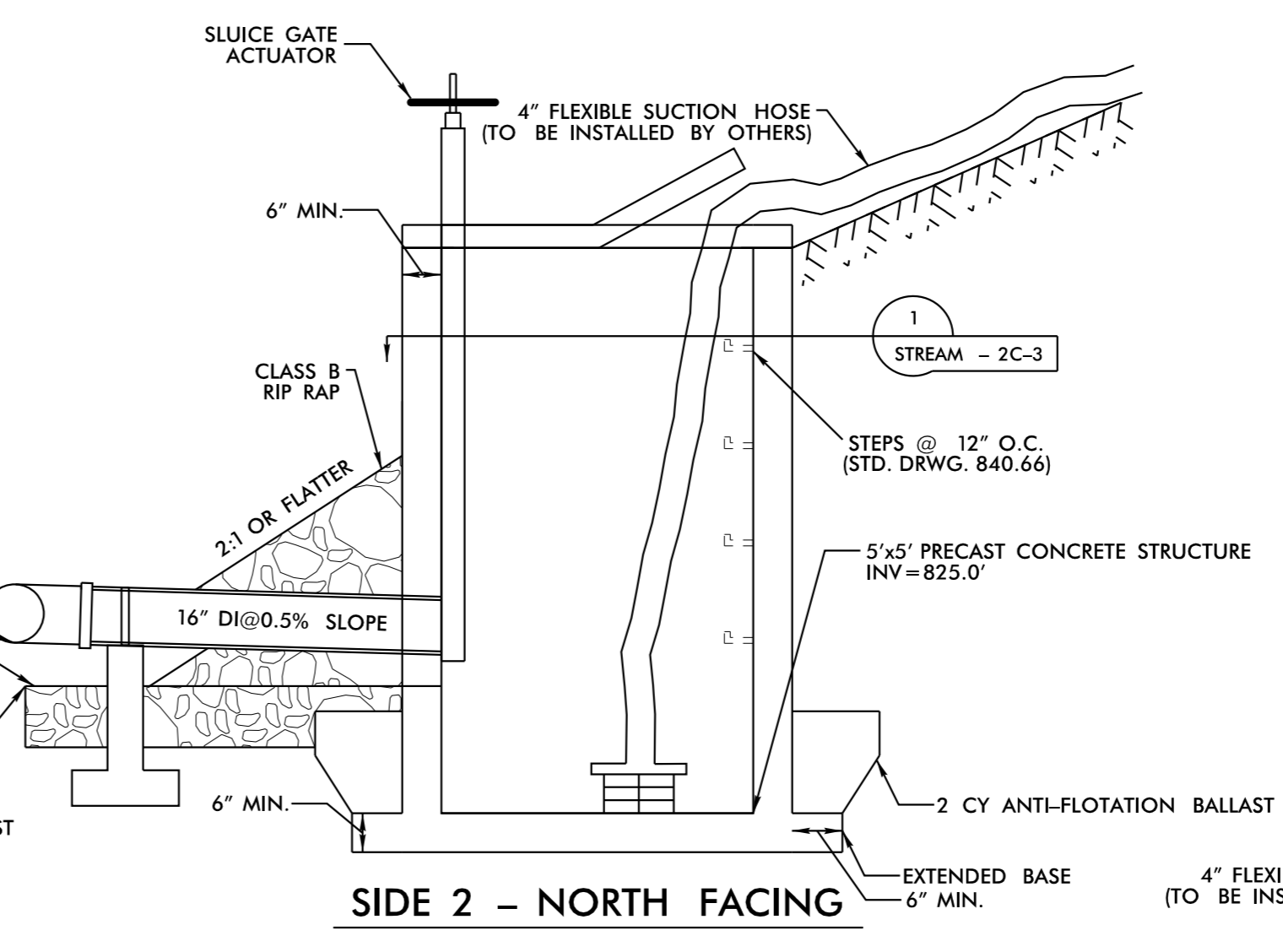
NOT TO SCALE



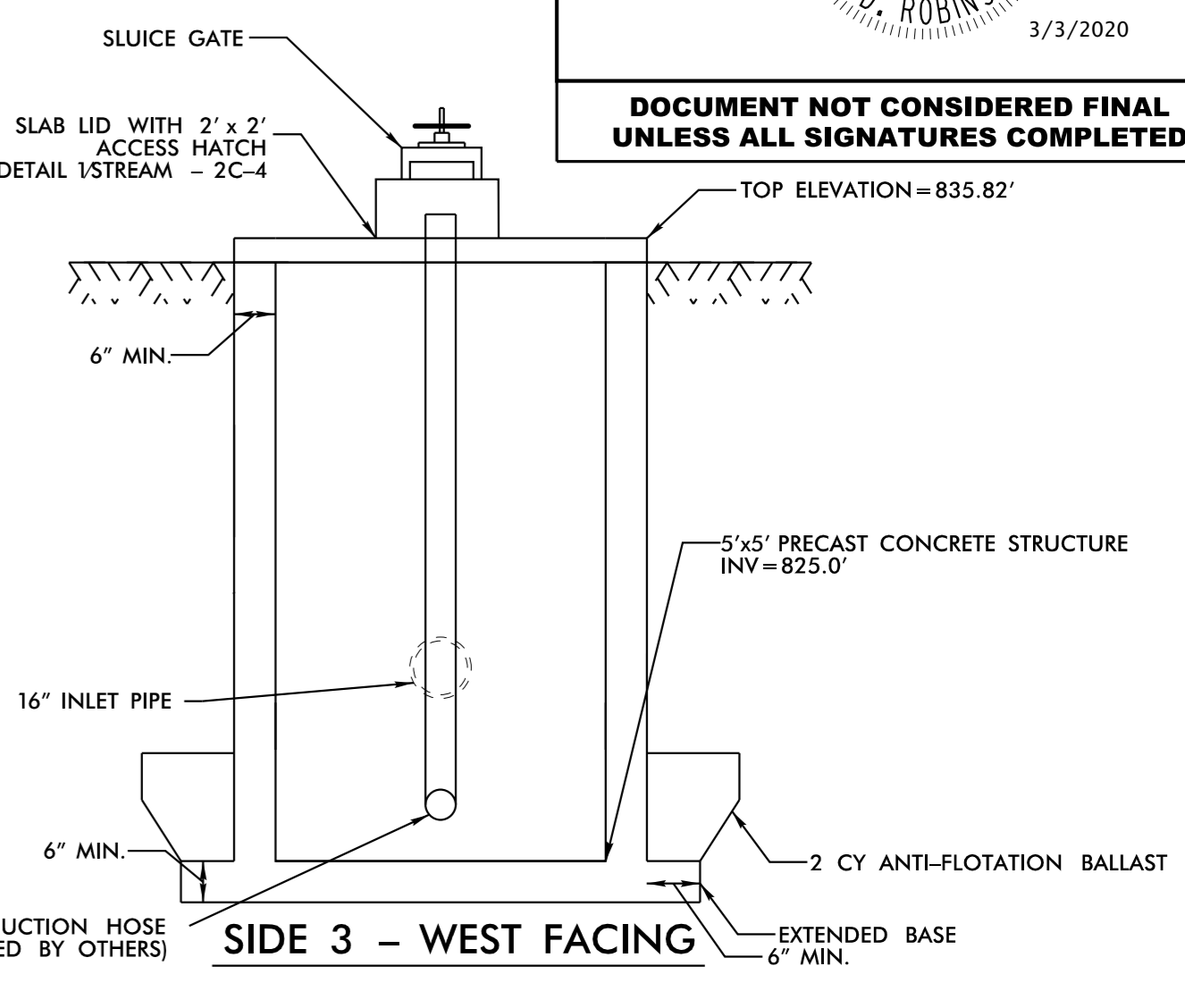
1	ACCESS HATCH
STREAM - 2C-3	SCALE: N.T.S.



2	CONCRETE VAULT STRUCTURE
STREAM - 2C-3	SCALE: N.T.S.



3	CONCRETE VAULT STRUCTURE
STREAM - 2C-3	SCALE: N.T.S.

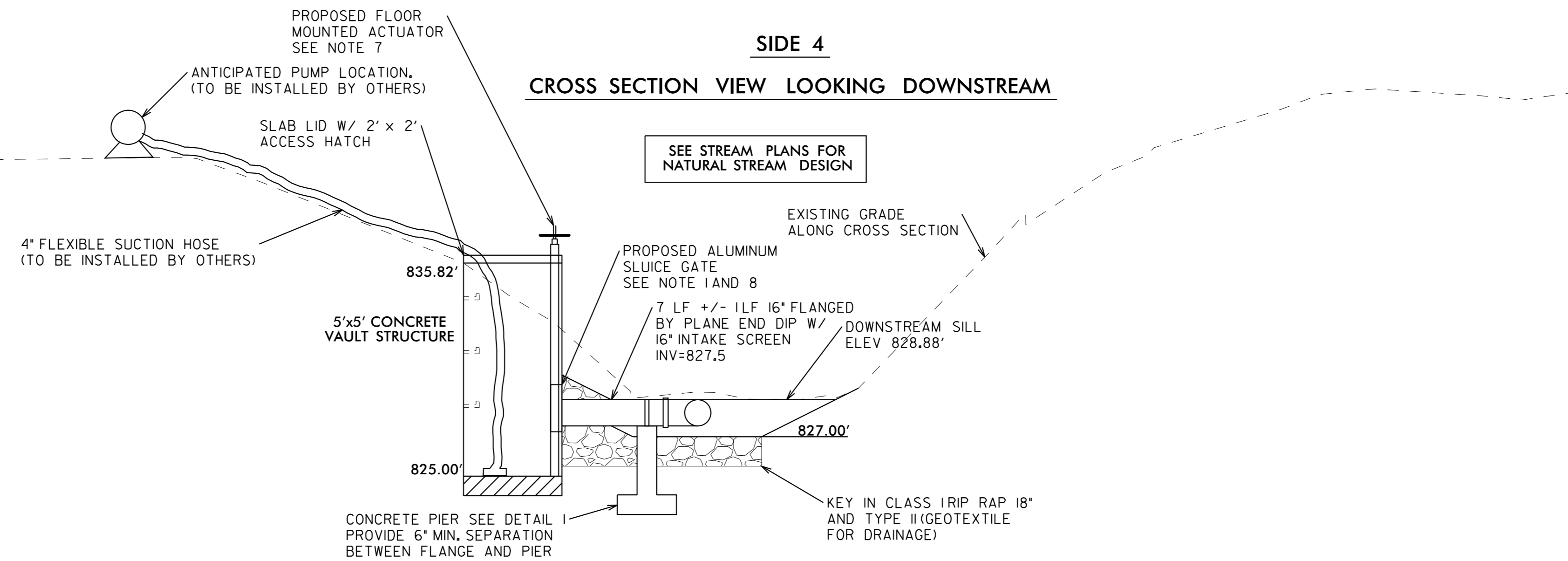


4	CONCRETE VAULT STRUCTURE
STREAM - 2C-3	SCALE: N.T.S.

NOTES:

1. SLUICE GATE IS FOR INTAKE VAULT AND SHOULD REMAIN CLOSED DURING NORMAL OPERATION.
2. SLUICE GATE SHALL PROVIDE WATERTIGHT SEAL. PROVIDE ADEQUATE CLEARANCE FOR INTAKE VAULT OPERATION.
3. SELECT BOX STANDARD AS REQUIRED TO ACCOMMODATE SLUICE GATE AND SLAB LID WITH ACCESS HATCH.
4. ENSURE ACCESS HATCH OPENS FREELY AND WITHOUT INTERFERENCE WITH SLUICE GATE.
5. ADJUST FOOTER DIMENSIONS AS NEEDED FOR ANTI-FLOTATION. ANTI-FLOTATION BALLAST IS REQUIRED AND SHALL BE CONCRETE. WET WELL STRUCTURE MAY BE SUBSTITUTED, SHOP DRAWINGS MUST BE SUBMITTED FOR APPROVAL BY ENGINEER.
6. BYPASS PUMP, SUCTION HOSE, AND DISCHARGE HOSE NOT IN CONTRACT. SEE SPECIAL PROVISIONS.
7. SLUICE GATE SHALL BE WALL MOUNTED AND SEAL A 16" WALL PENETRATION UNDER A MINIMUM OF 10' OF HEAD. SLUICE GATE SHALL BE SERIES A-121 AS MANUFACTURED BY RODNEY HUNT COMPANY OR APPROVED EQUAL.
8. SLUICE GATE SHALL HAVE STAINLESS STEEL ACME THREADED RISING STEMS WITH AN UNGEARED, FLOOR MOUNTED HANDWHEEL ACTUATOR WITH A STEM COVER AND INDICATOR. ALL METALLIC HARDWARE BELOW THE RIM OF THE STRUCTURE SHALL BE STAINLESS STEEL OR ALUMINUM. SUPPLY STEM GUIDES AND BRACKETS AS NECESSARY TO PREVENT BUCKLING OF STEM.

SIDE 4 CROSS SECTION VIEW LOOKING DOWNSTREAM



5	ACCESS HATCH
STREAM - 2C-3	SCALE: N.T.S.

PROJECT REFERENCE NO. U-2579BA	SHEET NO. STREAM - 2C-3
R/W SHEET NO.	
HYDRAULIC DESIGN ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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