

STEWART

223 S. WEST ST. STE 1100
RALEIGH, NC 27603
T: 919.980.8750
FIRM LICENSE # C-1051
www.stewartinc.com
PROJECT #: C15126

Client:

CITY OF DURHAM
GENERAL SERVICES DEPARTMENT
2011 FAY STREET
DURHAM, NC 27704
T: 919.560.4197
F: 919.560.4970

Project:

DATA MAINTENANCE FACILITY - WET POND REPAIR

Vicinity map:

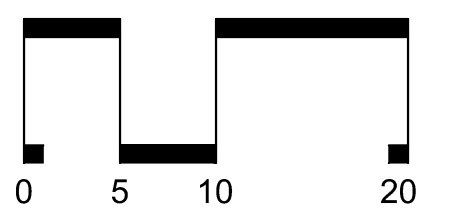
Seal:



Issued for:

BID DOCUMENTS

No.	Date	Description
1	05.01.2017	OWNER COMMENTS
2	03.05.2019	OWNER COMMENTS



SCALE: 1"=10'

Title:

SECTION VIEW

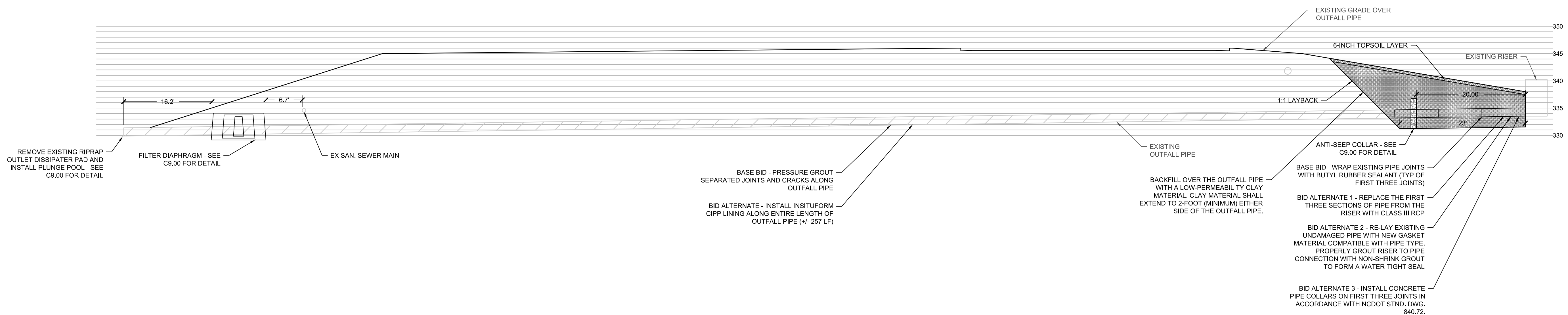
Project number: C15126 Sheet:

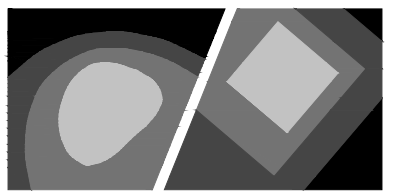
Date: 04.03.2017

Drawn by: DMB

Approved by: DMB

C5.10





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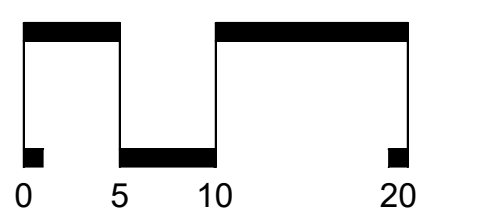
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DETAILS

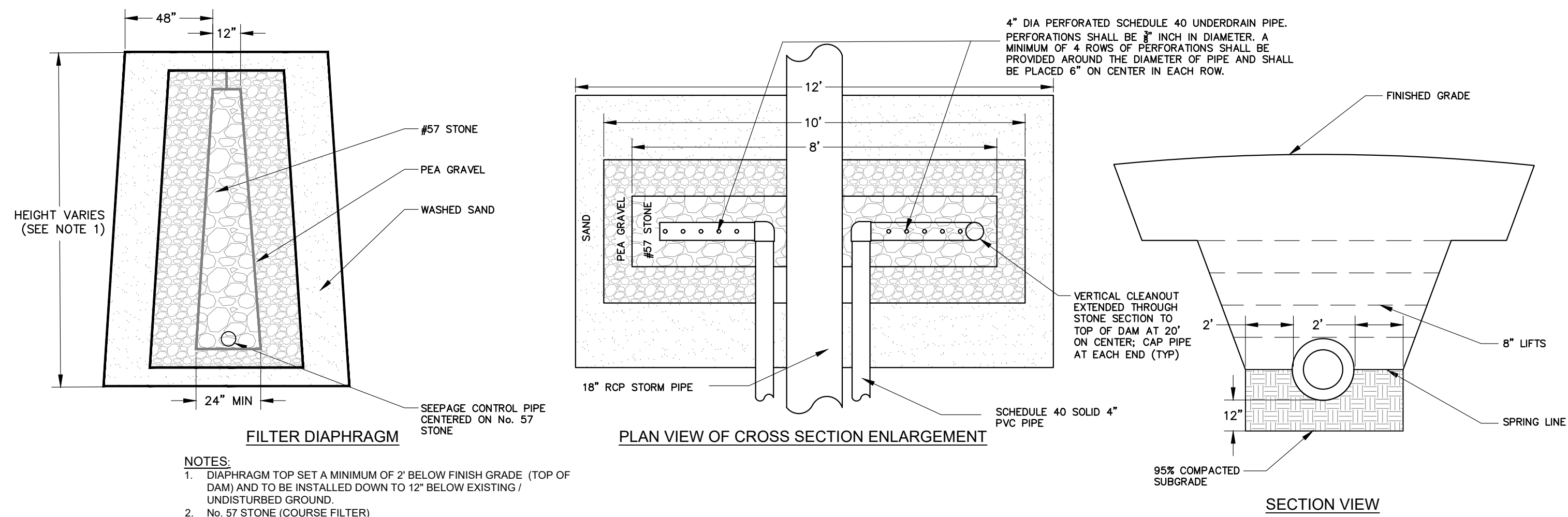
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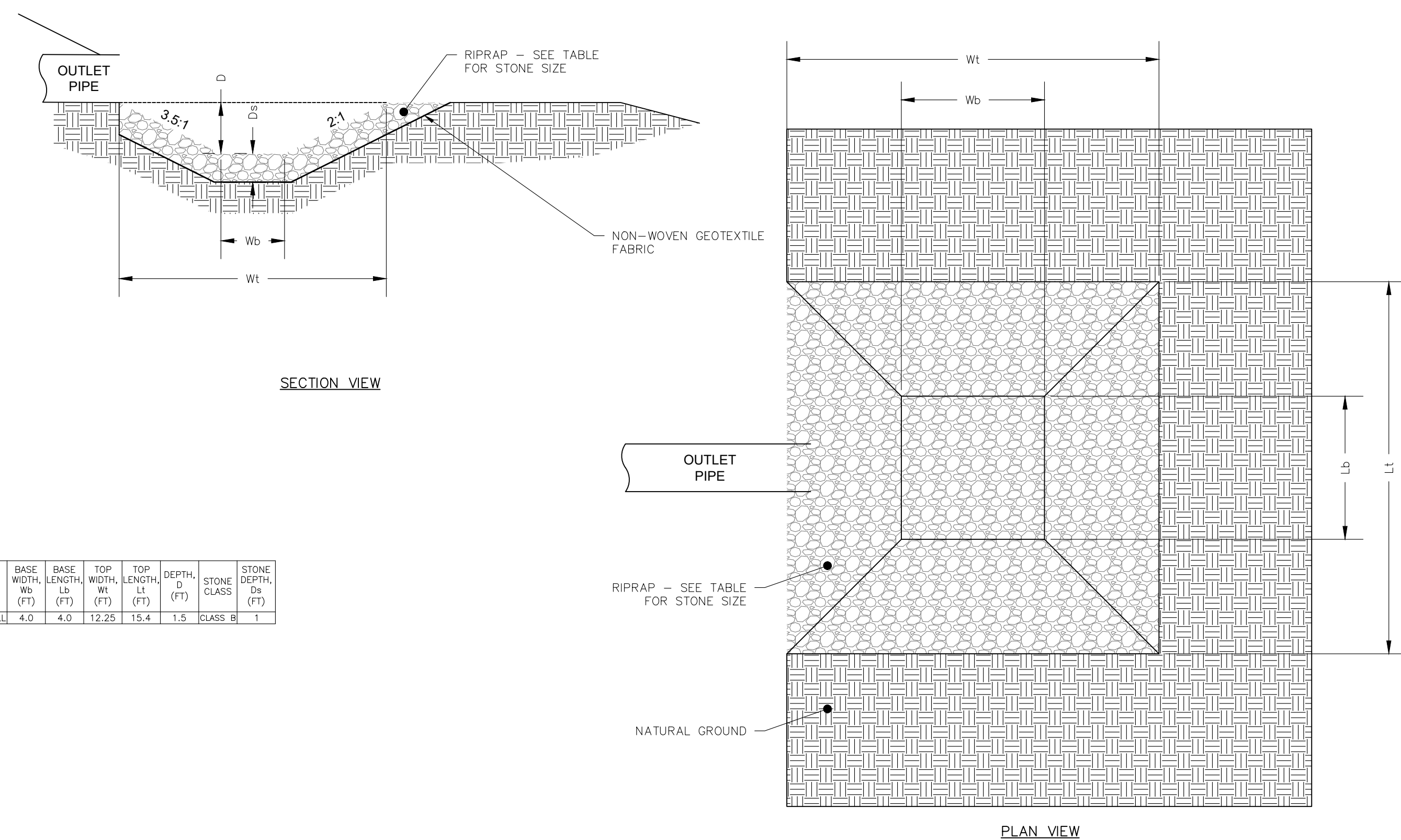
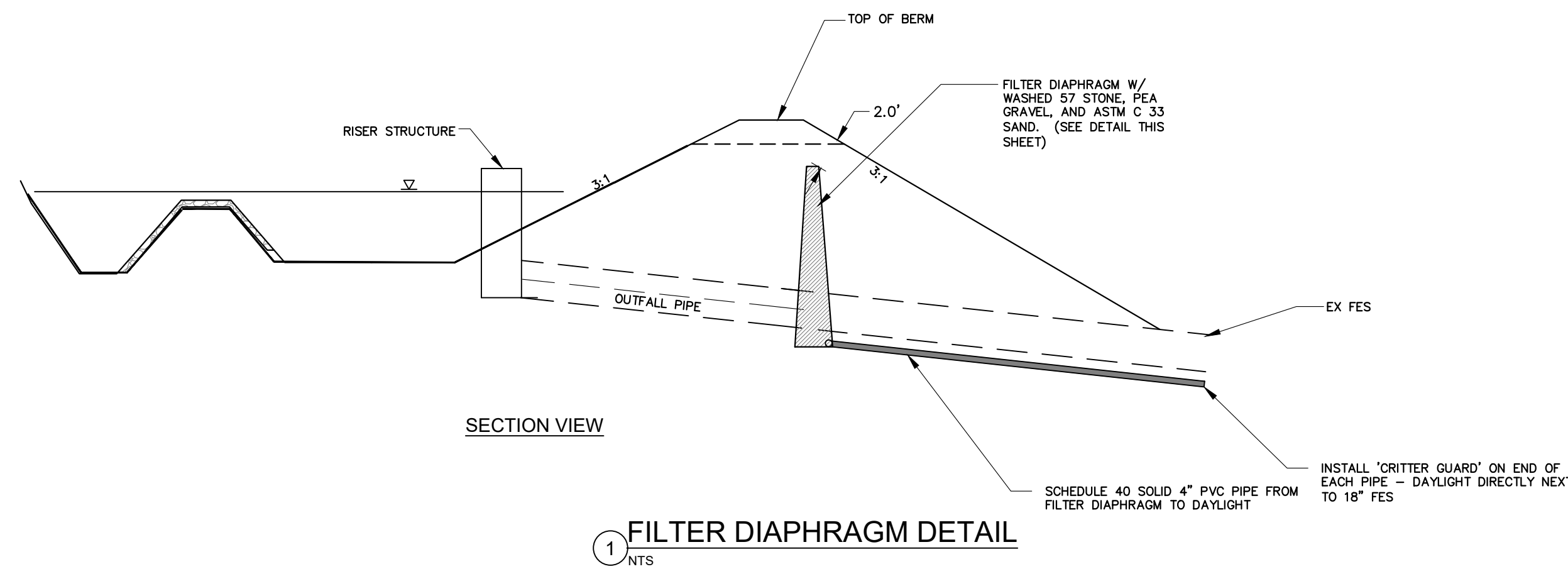
Approved by: DMB

C9.00



NOTES

1. DIAPHRAGM TOP SET A MINIMUM OF 2' BELOW FINISH GRADE (TOP OF DAM) AND TO BE INSTALLED DOWN TO 12' BELOW EXISTING / UNDISTURBED GROUND.
2. No. 57 STONE (COURSE FILTER)
3. PEA GRAVEL: USE No. 89 (CLOSER STONE FILTER)
4. ASTM C 33 CONCRETE SAND (FINE FILTER) - WET SAND AT PERIODIC INTERVALS TO PREVENT BULKING.



	BASE WIDTH, Wb (FT)	BASE LENGTH, Lb (FT)	TOP WIDTH, Wt (FT)	TOP LENGTH, Lt (FT)	DEPTH, D (FT)	STONE CLASS, Ds (FT)	STONE DEPTH, Ds (FT)
OUTFALL	4.0	4.0	12.25	15.4	1.5	CLASS B	1

