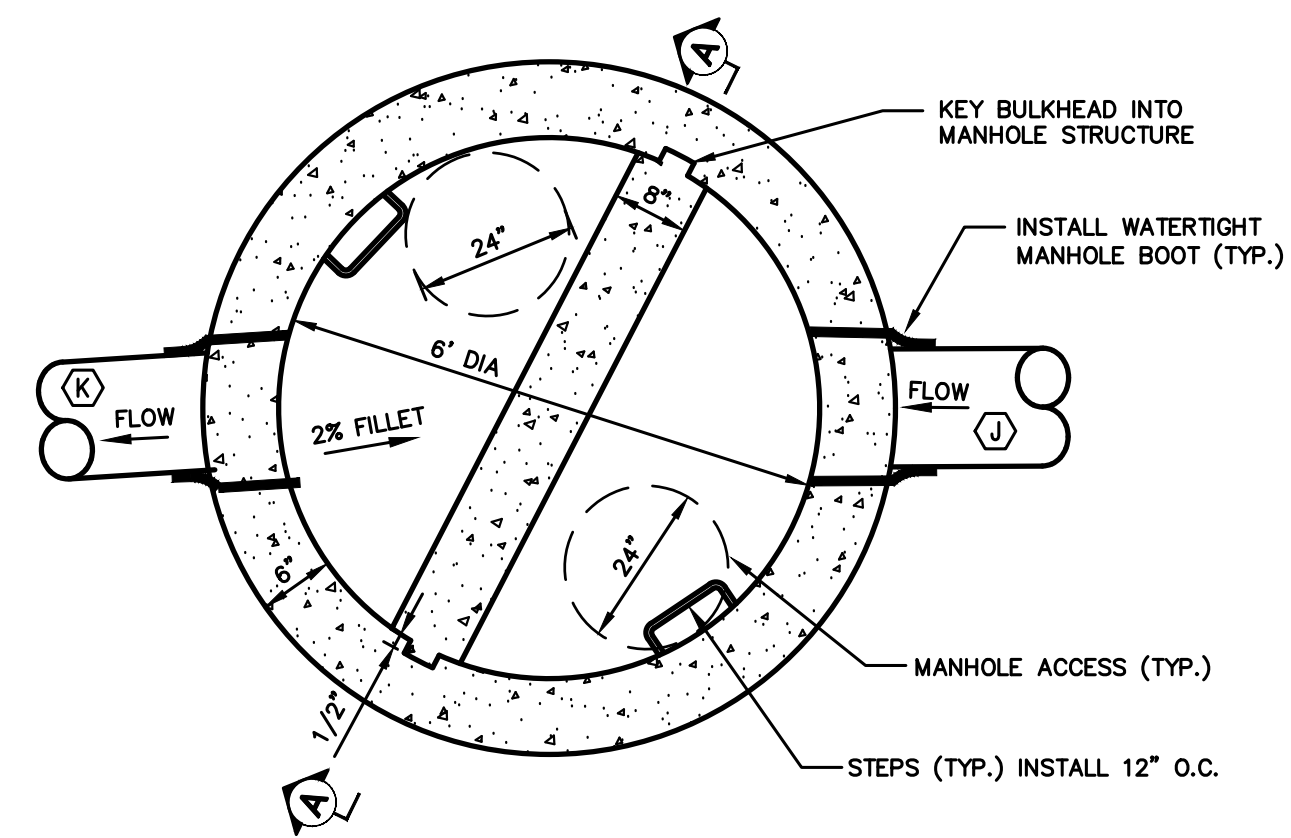
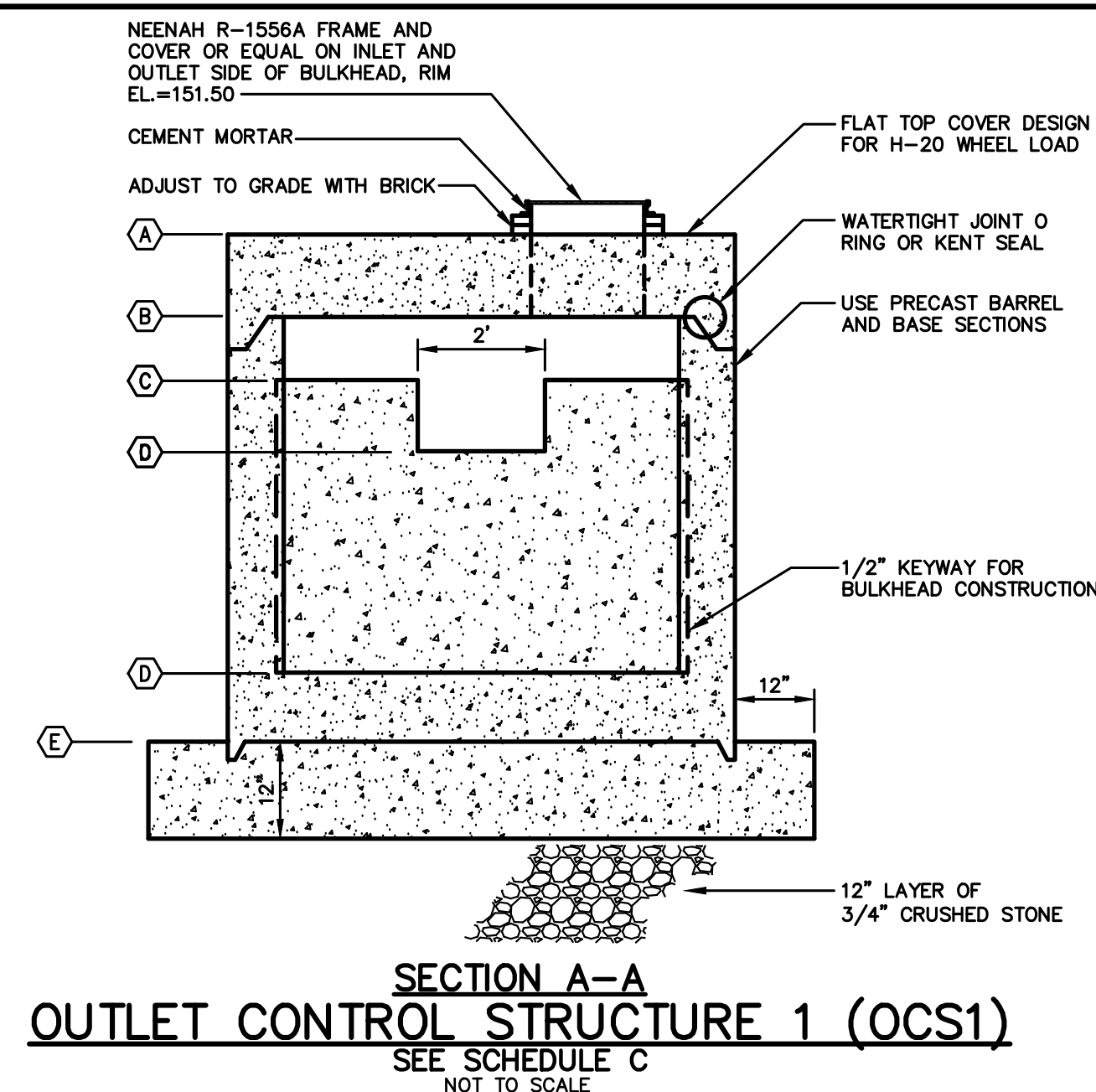


WET POND PLAN
1"=20'

- NOTES:**
1. POND TO HAVE 1" CLAY LINER. SEE SHEET C307 TYPICAL WET POND CROSS SECTION FOR SOILS NOTE.
 2. DESIGN BASED ON MDOT ROUTE 1 RECONSTRUCTION PLANS DATED 2012. DESIGN WILL BE REVISED TO REFLECT AN UPDATED SURVEY PRIOR TO CONSTRUCTION.

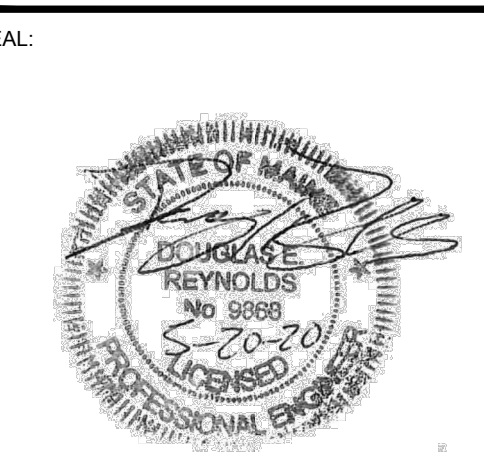


SCHEDULE A	
ITEM DESCRIPTION	ELEVATION
A TOP OF STRUCTURE	151.55
B UNDERSIDE TOP SLAB	150.88
C TOP CONCRETE BULKHEAD	150.13
D WEIR ELEVATION	148.85
E BOTTOM OF STRUCTURE	140.60
J PIPE DIAMETER	24"
K INVERT IN	146.65
K PIPE DIAMETER	24"
K INVERT OUT	142.50

Table 1 Loamy Coarse Sand	
PIPE SIZE	% PASSING BY WEIGHT
#10	85-100
#20	70-100
#60	15-40
#100	8-15
#200 CLAY SIZE	<2.0

Table 2 MEDOT Specifications for Underdrain Type B (MEDOT #703.22)	
PIPE SIZE	% PASSING BY WEIGHT
1"	90-100
1/2"	75-100
#4	50-100
#20	15-80
#50	0-15
#200	0-5

Table 3 Sandy Loam Topsoil	
PIPE SIZE	% PASSING BY WEIGHT
1"	90-100
#4	75-100
#10	60-90
#40	35-85
#200	20-70
#200 CLAY SIZE	<2.0



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DRAWING HISTORY:

NO.	DATE	DESCRIPTION
1	01/30/2020	SITE PLAN REVIEW - CITY OF BIDDEFORD
2	02/12/2020	SITE PLAN SUBMITTAL
3	02/17/2020	STORMWATER LAW PERMIT APPLICATION
4	03/24/2020	MDP RESPONSE TO COMMENTS
5	04/15/2020	FINAL SITE PLAN REVIEW
6	04/30/2020	MDP RESPONSE TO COMMENTS
7	05/20/2020	FINAL PLAN APPROVAL

PROJECT # 3201
ISSUE DATE: 05/20/2020
PROJECT STATUS: BID PACKAGE 01
DRAWN BY: CEH/CG
CHECKED BY: DER
SHEET NAME: Wet Pond Plan and Details
SHEET #:

C306