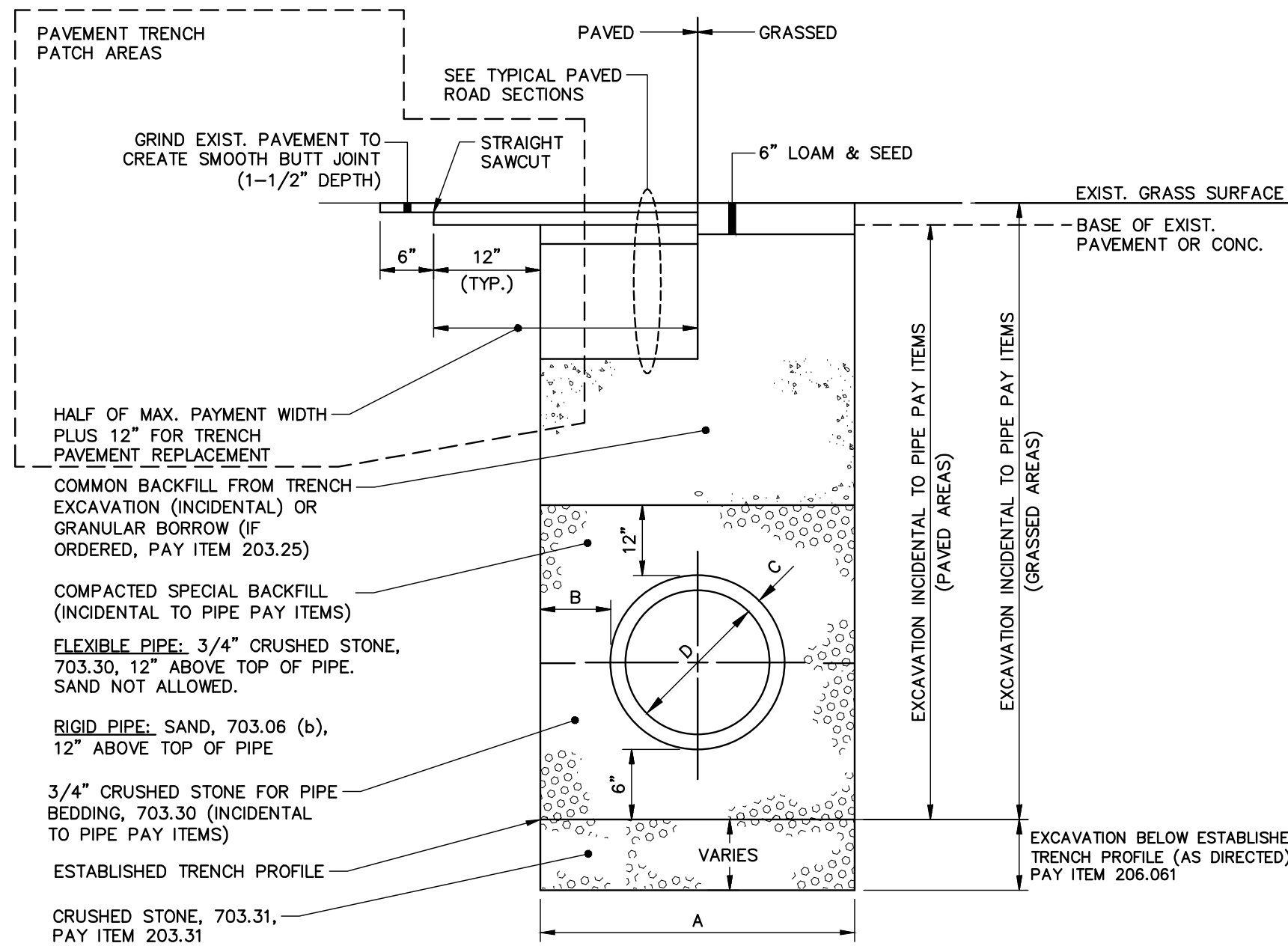


PIPE INSTALLATION DETAIL – NOTES

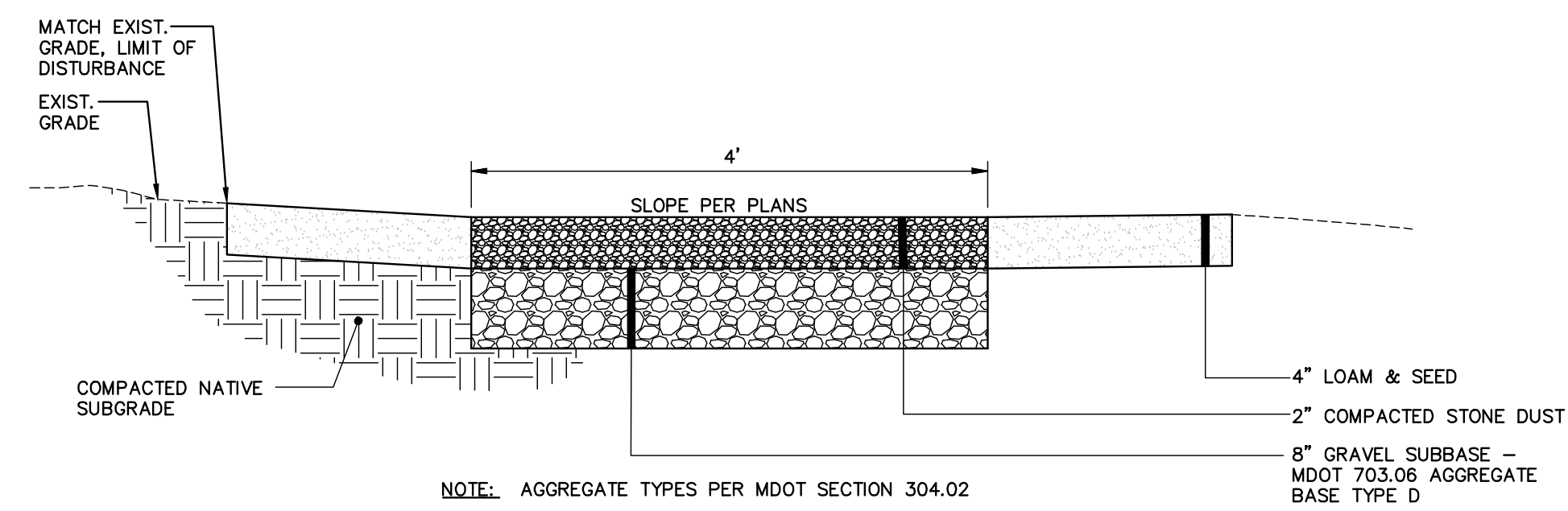
1. ALTERNATIVE CONSTRUCTION METHODS OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY.
2. IN PAVED AREAS, DEPTHS OF GRAVEL AND HOT MIX ASPHALT PAYMENT SHALL MATCH THE GREATER OF EXISTING CONDITIONS OR THE REQUIREMENTS FOR THE CORRESPONDING STREET CLASSIFICATION.
3. DIMENSION "B" SHALL BE SUFFICIENT TO ALLOW CRUSHED STONE BEDDING TO BE PLACED AND COMPACTED UNDER THE HAUNCHES OF THE PIPE, BUT IN ALL CASES "B" SHALL BE AT LEAST 9".
4. DIMENSION "A" IS THE MAXIMUM WIDTH ALLOWED FOR CALCULATING PAY QUANTITIES UNDER ITEMS 203.25 GRANULAR BORROW, 203.29 CRUSHED STONE, 206.06 STRUCTURAL EARTH EXCAVATION, BELOW GRADE AND 206.17 STRUCTURAL ROCK EXCAVATION. DIMENSION "A" SHALL BE BASED ON PIPE DIAMETER, AS SET FORTH IN THE FOLLOWING TABLE.

PIPE DIAMETER, "D" (INCHES)	MAX. TRENCH WIDTH, "A" (FEET)
6	4.0
8	4.0
10	4.0
12	4.0
15	4.0
18	5.0
21	5.0
24	6.0
27	6.0
30	6.0
36	7.0
42	8.0
48	8.0
54	8.0
60	9.0

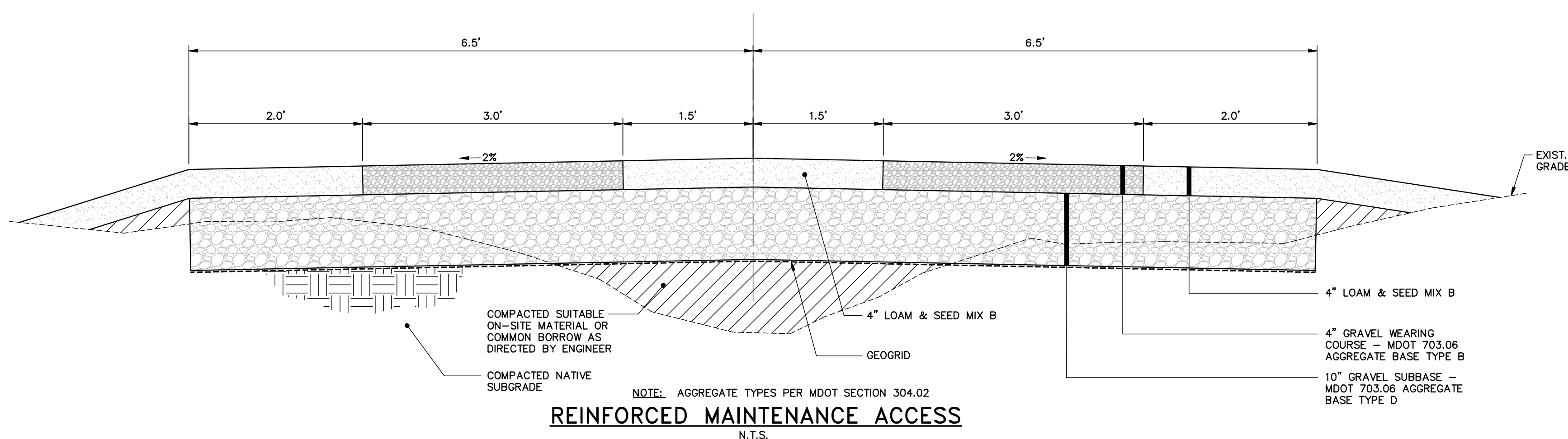
NOTES:
ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY OF PORTLAND, DEPARTMENT OF PUBLIC SERVICES.



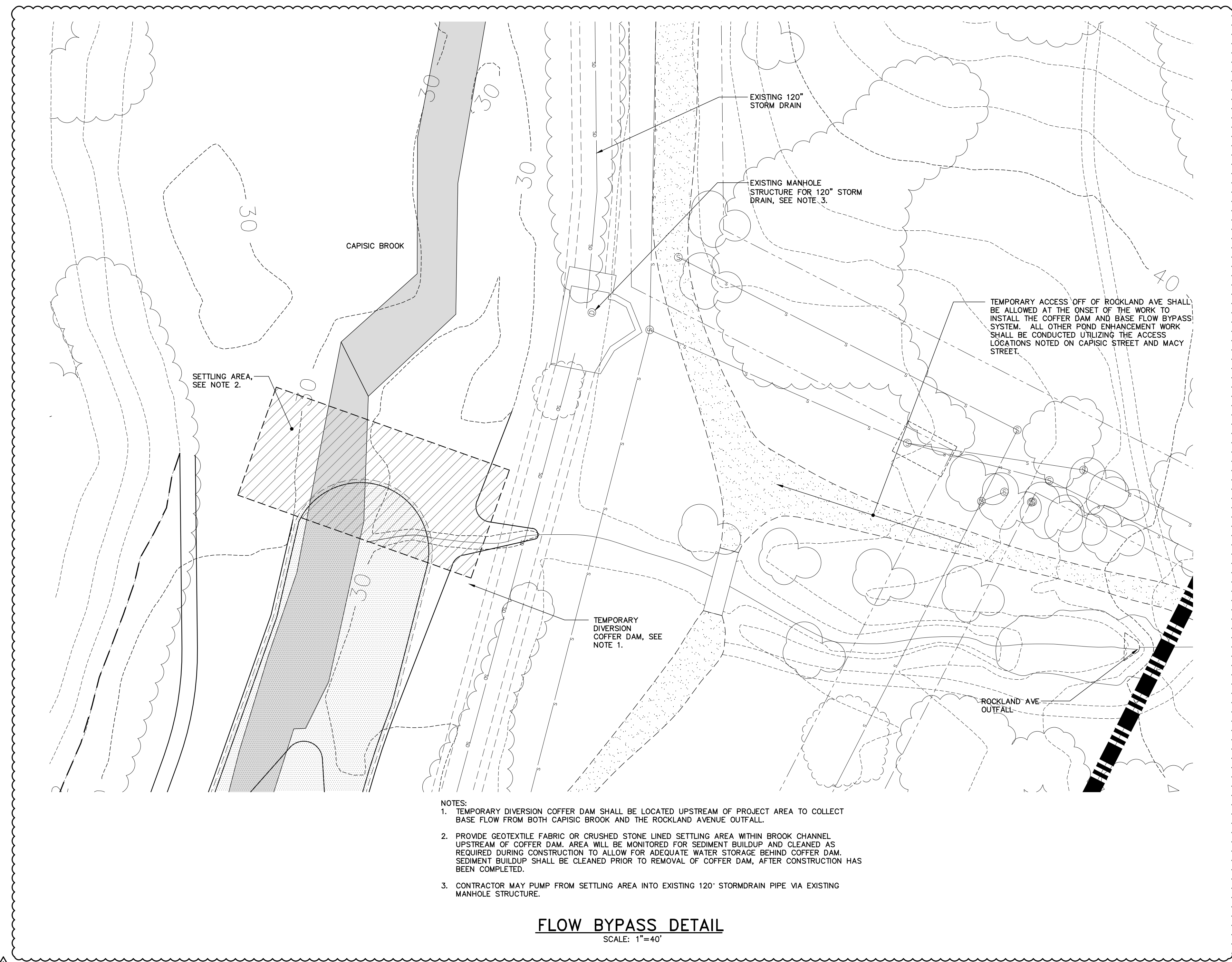
PIPE INSTALLATION DETAIL
N.T.S.



TYPICAL GRAVEL PATH SECTION
N.T.S.

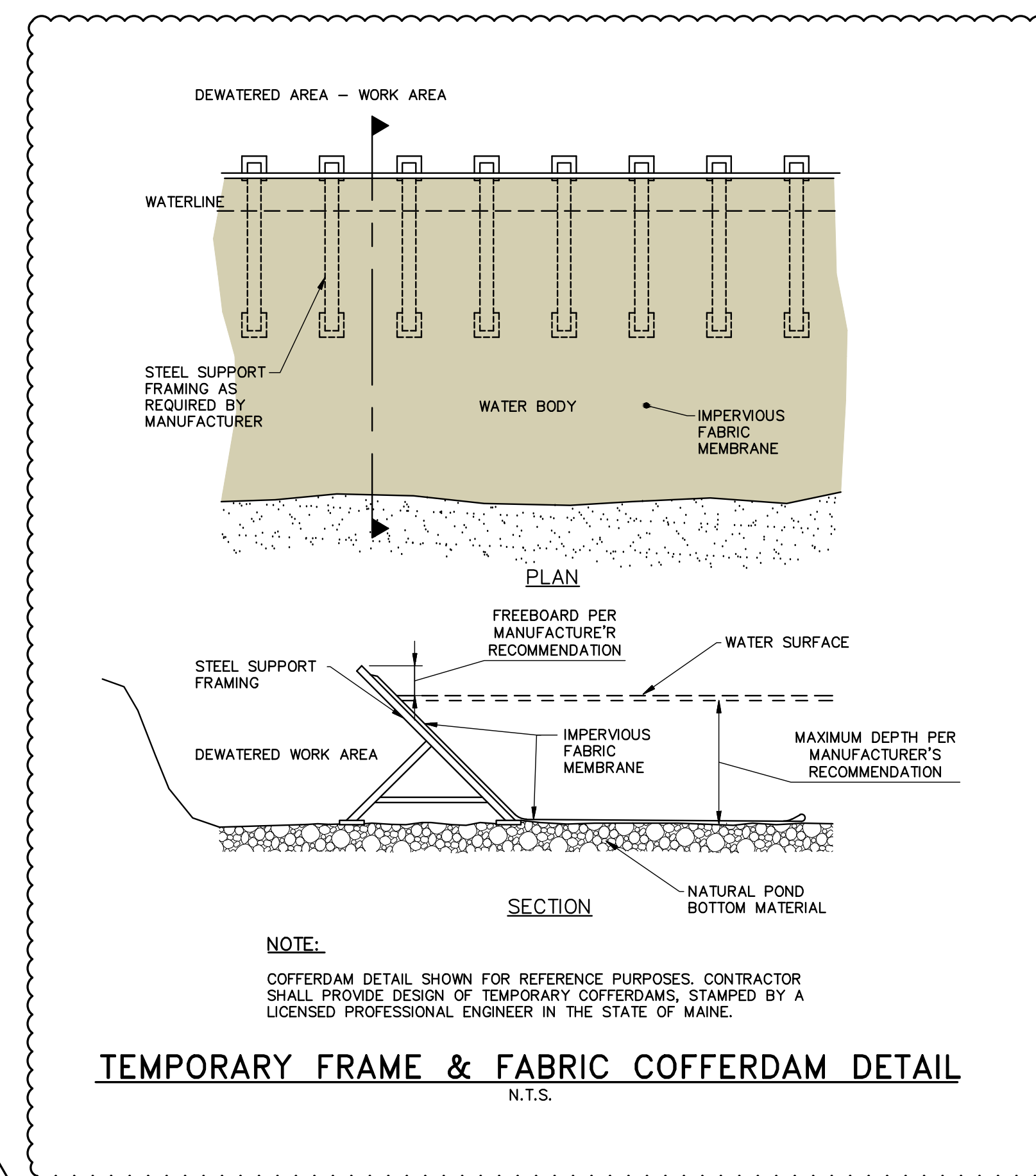


REINFORCED MAINTENANCE ACCESS
N.T.S.



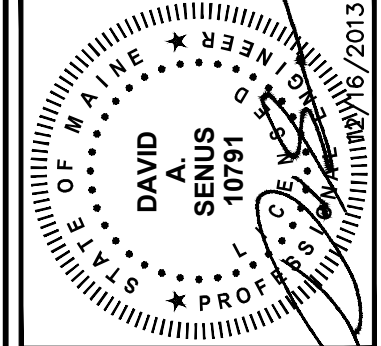
- NOTES:**
1. TEMPORARY DIVERSION COFFER DAM SHALL BE LOCATED UPSTREAM OF PROJECT AREA TO COLLECT BASE FLOW FROM BOTH CAPISIC BROOK AND THE ROCKLAND AVENUE OUTFALL.
 2. PROVIDE GEOTEXTILE FABRIC OR CRUSHED STONE LINED SETTLING AREA WITHIN BROOK CHANNEL UPSTREAM OF COFFER DAM. AREA WILL BE MONITORED FOR SEDIMENT BUILDUP AND CLEANED AS REQUIRED DURING CONSTRUCTION TO ALLOW FOR ADEQUATE WATER STORAGE BEHIND COFFER DAM. SEDIMENT BUILDUP SHALL BE CLEANED PRIOR TO REMOVAL OF COFFER DAM, AFTER CONSTRUCTION HAS BEEN COMPLETED.
 3. CONTRACTOR MAY PUMP FROM SETTLING AREA INTO EXISTING 120" STORMRAIN PIPE VIA EXISTING MANHOLE STRUCTURE.

FLOW BYPASS DETAIL
SCALE: 1"=40'



TEMPORARY FRAME & FABRIC COFFERDAM DETAIL
N.T.S.

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REV	DESCRIPTION	DATE	CHECKED BY	DRAWN BY
1	UPDATED PER L&E III SITE PLAN COMMENTS	3/3/14		

CITY OF PORTLAND, MAINE
CAPISIC POND ENHANCEMENTS

SITE DETAILS - 2

JOB NO: 225672.15
DATE: DECEMBER, 2013
SCALE: AS NOTED
SHEET: 9 OF 9

C-301