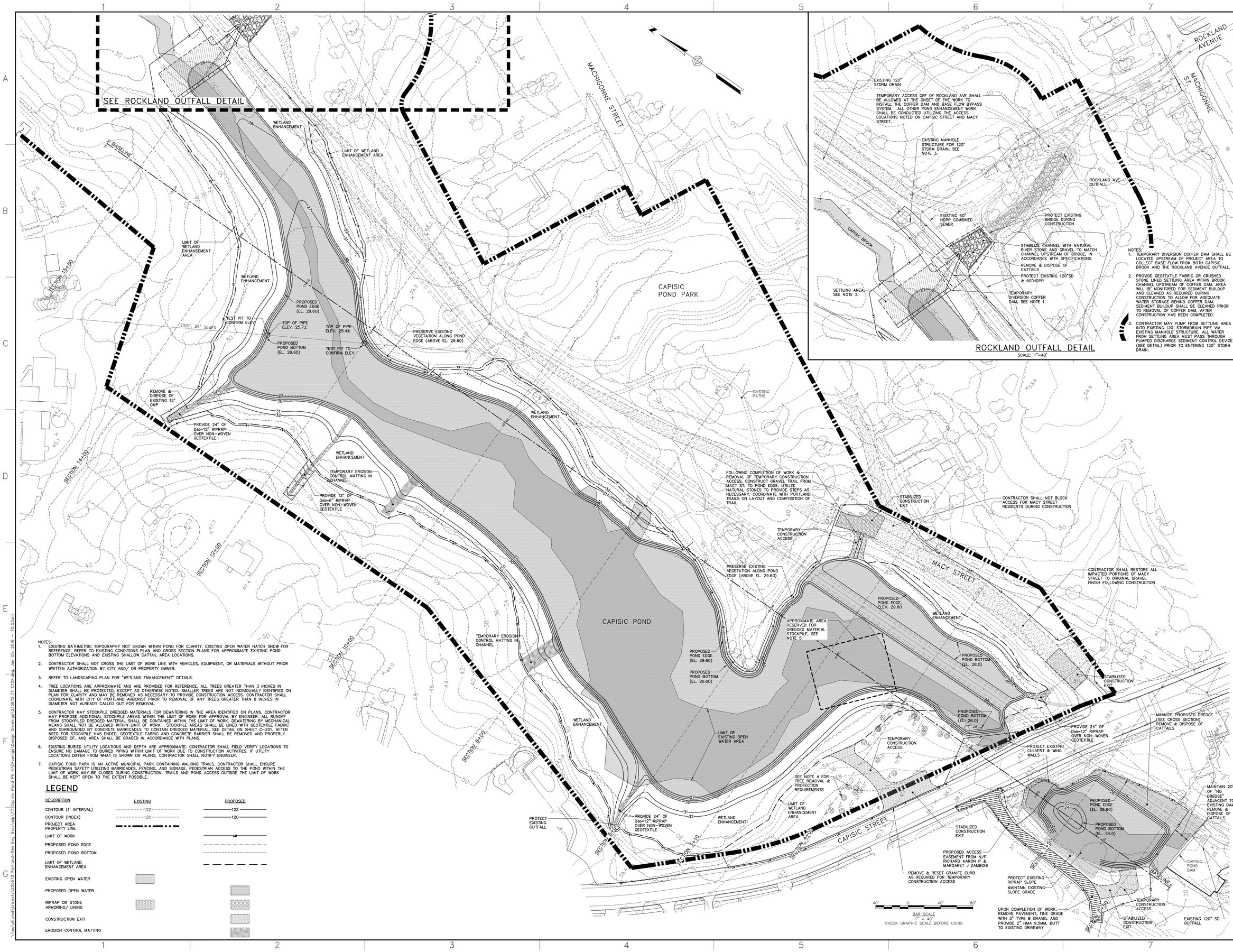
30x42



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" STORMDRAIN PIPE VIA EXISTING MANHOLE STRUCTURE. ALL WATER FROM SETTLING AREA MUST PASS THROUGH PUMPED DISCHARGE SEDIMENT CONTROL DEVICE (SEE DETAIL) PRIOR TO ENTERING 120" STORM DRAIN.

ROCKLAND OUTFALL DETAIL
SCALE: 1"=40'

NOTES:
1. EXISTING BATHMETRIC TOPOGRAPHY NOT SHOWN WITHIN POND FOR CLARITY. EXISTING OPEN WATER HATCH SHOW FOR REFERENCE. REFER TO EXISTING CONDITIONS PLAN AND CROSS SECTION PLANS FOR APPROXIMATE EXISTING POND BOTTOM ELEVATIONS AND EXISTING SHALLOW CATTAIL AREA LOCATIONS.
2. CONTRACTOR SHALL NOT CROSS THE LIMIT OF WORK LINE WITH VEHICLES, EQUIPMENT, OR MATERIALS WITHOUT PRIOR WRITTEN AUTHORIZATION BY CITY AND/ OR PROPERTY OWNER.
3. REFER TO LANDSCAPING PLAN FOR "WETLAND ENHANCEMENT" DETAILS.
4. TREE LOCATIONS ARE APPROXIMATE AND ARE PROVIDED FOR REFERENCE. ALL TREES GREATER THAN 3 INCHES IN DIAMETER SHALL BE PROTECTED, EXCEPT AS OTHERWISE NOTED. SMALLER TREES ARE NOT INDIVIDUALLY IDENTIFIED ON PLAN FOR CLARITY AND MAY BE REMOVED AS NECESSARY TO PROVIDE CONSTRUCTION ACCESS. CONTRACTOR SHALL COORDINATE WITH CITY OF PORTLAND ARBORIST PRIOR TO REMOVAL OF ANY TREES GREATER THAN 8 INCHES IN DIAMETER NOT ALREADY CALLED OUT FOR REMOVAL.
5. CONTRACTOR MAY STOCKPILE DREDGED MATERIALS FOR DEWATERING IN THE AREA IDENTIFIED ON PLANS. CONTRACTOR MAY PROPOSE ADDITIONAL STOCKPILE AREAS WITHIN THE LIMIT OF WORK FOR APPROVAL BY ENGINEER. ALL RUNOFF FROM STOCKPILED DREDGED MATERIAL SHALL BE CONTAINED WITHIN THE LIMIT OF WORK. DEWATERING BY MECHANICAL MEANS SHALL NOT BE ALLOWED WITHIN LIMIT OF WORK. STOCKPILE AREAS SHALL BE LINED WITH GEOTEXTILE FABRIC AND SURROUNDED BY CONCRETE BARRICADES TO CONTAIN DREDGED MATERIAL. SEE DETAIL ON SHEET C-201. AFTER NEED FOR STOCKPILE HAS ENDED, GEOTEXTILE FABRIC AND CONCRETE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF, AND AREA SHALL BE GRADED IN ACCORDANCE WITH PLANS.
6. EXISTING BURIED UTILITY LOCATIONS AND DEPTH ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS TO ENSURE NO DAMAGE TO BURIED PIPING WITHIN LIMIT OF WORK DUE TO CONSTRUCTION ACTIVITIES. IF UTILITY LOCATIONS DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY ENGINEER.
7. CAPISIC POND PARK IS AN ACTIVE MUNICIPAL PARK CONTAINING WALKING TRAILS. CONTRACTOR SHALL ENSURE PEDESTRIAN SAFETY UTILIZING BARRICADES, FENCING, AND SIGNAGE. PEDESTRIAN ACCESS TO THE POND WITHIN THE LIMIT OF WORK MAY BE CLOSED DURING CONSTRUCTION. TRAILS AND POND ACCESS OUTSIDE THE LIMIT OF WORK SHALL BE KEPT OPEN TO THE EXTENT POSSIBLE.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' INTERVAL)	122	122
CONTOUR (INDEX)	120	120
PROJECT AREA PROPERTY LINE		
LIMIT OF WORK	LOW	
PROPOSED POND EDGE		
PROPOSED POND BOTTOM		
LIMIT OF WETLAND ENHANCEMENT AREA		
EXISTING OPEN WATER		
PROPOSED OPEN WATER		
RIPRAP OR STONE ARMORING/ LINING		
CONSTRUCTION EXIT		
EROSION CONTROL MATTING		

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STATE OF MAINE DAVID A. SENUS PROFESSIONAL ENGINEER 20160

REV.	DESCRIPTION	DATE

DESIGNED BY: DAS
DRAWN BY: BKM
CHECKED BY: DAS

CONSTRUCTION PLAN

CITY OF PORTLAND PORTLAND, MAINE

CAPISIC POND ENHANCEMENTS

JOB NO.: 225672.77
DATE: JANUARY 8, 2016
SCALE: 1"=40'
SHEET: 3 OF 9

C-101

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