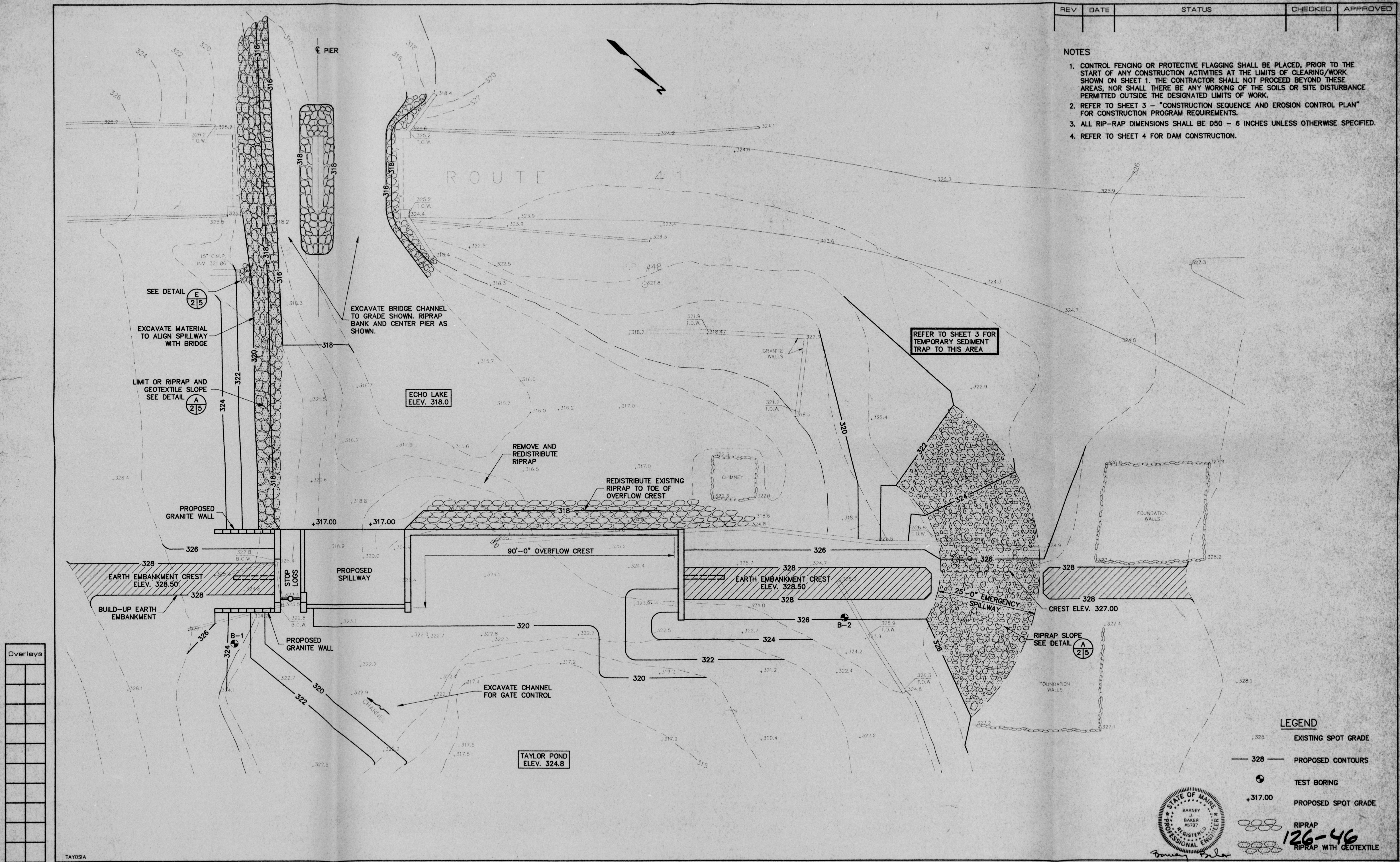


REV	DATE	STATUS	CHECKED	APPROVED

NOTES

1. CONTROL FENCING OR PROTECTIVE FLAGGING SHALL BE PLACED, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES AT THE LIMITS OF CLEARING/WORK SHOWN ON SHEET 1. THE CONTRACTOR SHALL NOT PROCEED BEYOND THESE AREAS, NOR SHALL THERE BE ANY WORKING OF THE SOILS OR SITE DISTURBANCE PERMITTED OUTSIDE THE DESIGNATED LIMITS OF WORK.
2. REFER TO SHEET 3 - "CONSTRUCTION SEQUENCE AND EROSION CONTROL PLAN" FOR CONSTRUCTION PROGRAM REQUIREMENTS.
3. ALL RIP-RAP DIMENSIONS SHALL BE D50 - 6 INCHES UNLESS OTHERWISE SPECIFIED.
4. REFER TO SHEET 4 FOR DAM CONSTRUCTION.



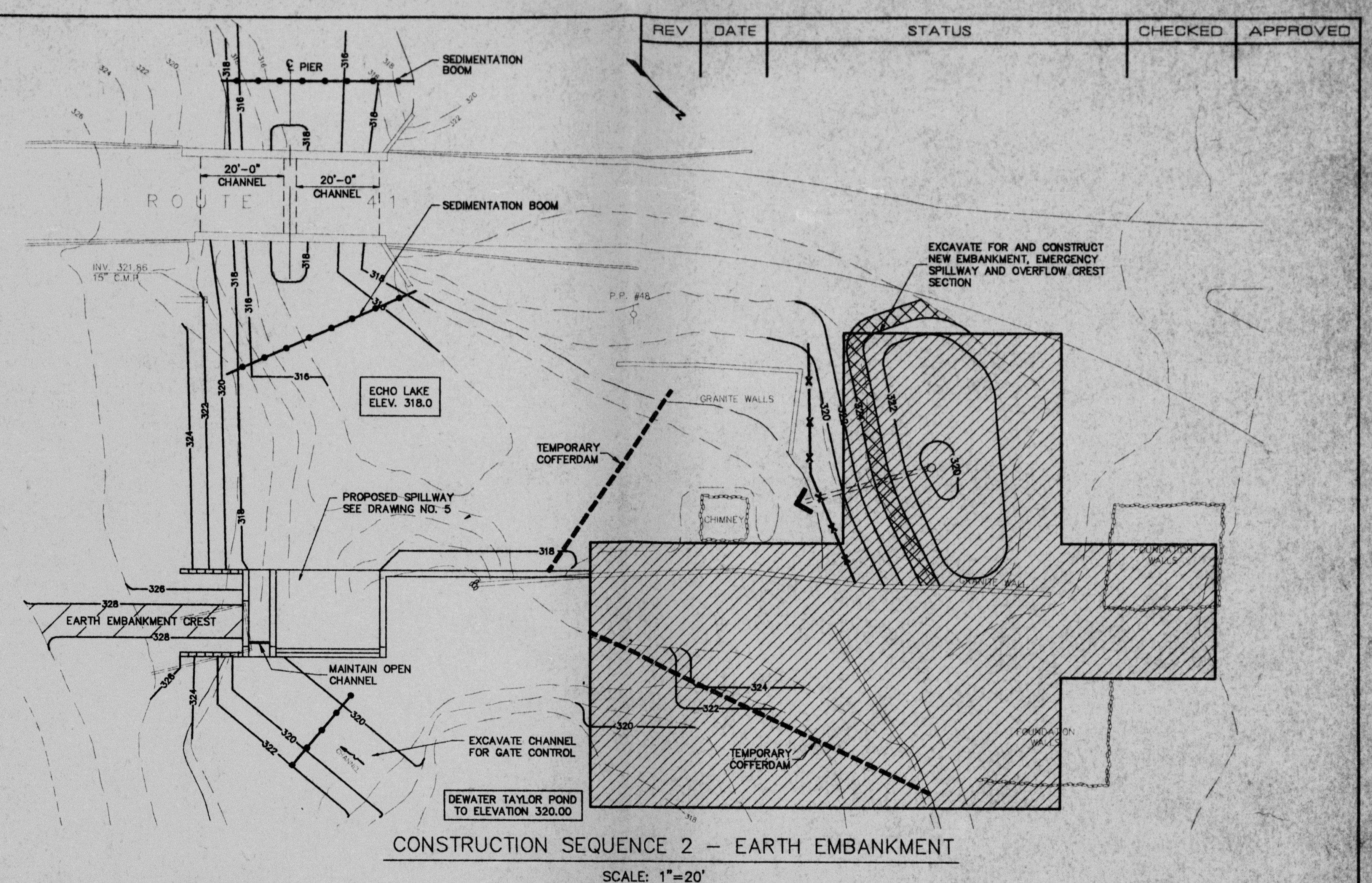
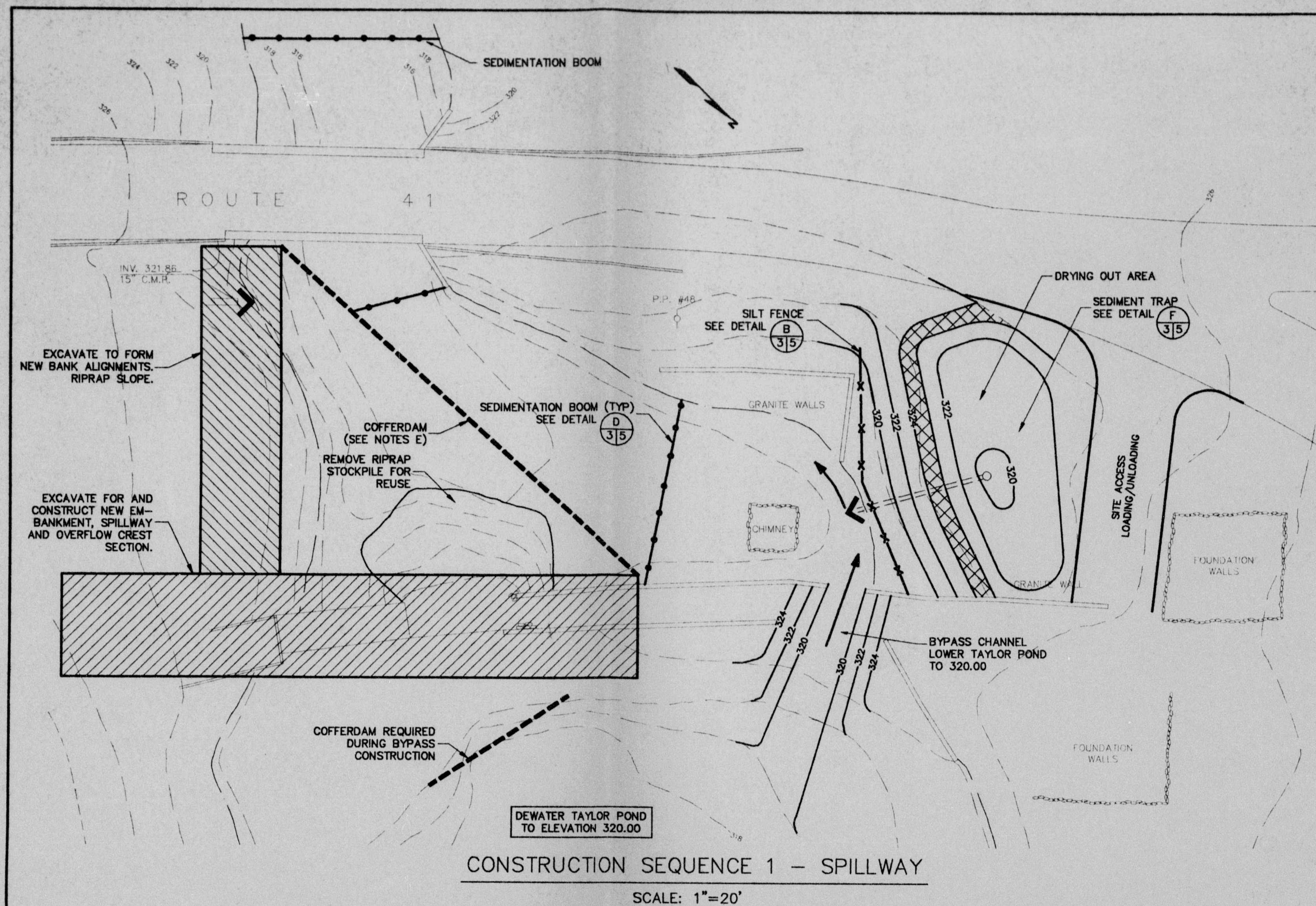
DESIGN	BJB	DATE	FEBRUARY 1991
DRAWN	CAH	JOB NO.	51085.02
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TYUN HUNTER-BALLEW ASSOCIATES
 INTERNATIONAL
 5 Fundy Road
 Falmouth, Maine 04105

Issued For	Date	By
PERMIT SUPPLEMENT NO. 1	FEB. 91	BJB

SHEET TITLE:	PROPOSED SITE PLAN
PROJECT:	MAINE DEPARTMENT OF ISLAND FORESTRY AND WILDLIFE TAYLOR POND DAM REHABILITATION/REPLACEMENT

SHEET NO.	2
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- A. GENERAL NOTES
1. THE EROSION CONTROL PROGRAM SHALL BE IMPLEMENTED AS OUTLINED IN THE DEP APPLICATION FOR THE WETLAND ALTERATION PERMIT (AUGUST 1990) AND SUPPLEMENT NO. 1 (FEBRUARY 1991). SPECIFIC EROSION CONTROL REQUIREMENTS ARE IDENTIFIED IN THE CONTRACT SPECIFICATIONS.
 2. CONSTRUCTION SEQUENCE GUIDELINES ARE PRESENTED ON THIS SHEET. ANY DEPARTURE FROM GUIDELINES REQUIRES REVIEW AND APPROVAL BY THE SITE INSPECTOR.
 3. EQUIPMENT AND MATERIAL ACCESS TO THE SITE WILL BE REVIEWED WITH THE CONTRACTOR AT THE START OF THE PROJECT, WITH PARTICULAR CONSIDERATION GIVEN TO EROSION CONTROL PRACTICES.
 4. ALL CONSTRUCTION EXCAVATION BELOW NATURAL WATER ELEVATIONS SHALL BE PUMPED DOWN AND ISOLATED BY TEMPORARY COFFERDAM CONSTRUCTION TO ALLOW CONTROLLED EXCAVATION TO GRADES INDICATED ON THE PLANS. FOR OPERATIONS WHERE NO FILL FOLLOWS EXCAVATION, GEOTECHNICAL AND RIP-RAP SHALL BE PLACED PRIOR TO CEASING WATER LEVEL CONTROL. WHERE FILL OPERATIONS ARE FOLLOWED BY EXCAVATION, THE MOISTURE CONTENT AND COMPACTION CRITERIA OUTLINED IN THE SPECIFICATIONS SHALL GOVERN FILL PRACTICES.
- B. CONSTRUCTION SCHEDULE REQUIREMENTS
1. THE TAYLOR POND DAM REHABILITATION/REPLACEMENT CONSTRUCTION PROJECT SHALL BE COMPLETED IN A SINGLE CONTINUOUS PHASE.
 2. COFFERDAMS SHALL BE IN-PLACE PRIOR TO DEWATERING OF TAYLOR POND. NO DEWATERING OF TAYLOR POND SHALL TAKE PLACE PRIOR TO JULY 15.
 3. WATER LEVEL OF TAYLOR POND (324.8) SHALL BE REINSTATED PRIOR TO NOVEMBER 1ST.
 4. PERMANENT SEEDING SHALL BE COMPLETED BY OCTOBER 1ST. AREAS SEEDD AFTER OCTOBER 1ST SHALL BE TEMPORARILY SEEDD WITH PERMANENT SEEDING PROGRAM UNDERTAKEN THE FOLLOWING SPRING.
- C. EROSION CONTROL NOTES
1. PRIOR TO ANY DISTURBANCES ON THE SITE, SILT FENCES AND SILT BOOMS SHALL BE INSTALLED AS SHOWN AND AS REQUIRED BY CONSTRUCTION PRACTICES. ALL EROSION CONTROL DEVICES SHALL BE INSPECTED, REPLACED AND/OR REPAIRED MONTHLY AND IMMEDIATELY AFTER ANY SIGNIFICANT RAINFALL. WHEN SEDIMENT REACHES TWO-THIRDS THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE, THE SEDIMENT SHALL BE REMOVED BY PUMPING OR GRAB IN A MANNER TO PREVENT DOWNSTREAM MIGRATION OF SILTS. THE SEDIMENT SHALL BE PLACED/PUMPED IN THE SEDIMENT TRAP UNTIL DEWATERED SUFFICIENTLY FOR REMOVAL.
 2. PRIOR TO EXCAVATION OF MATERIAL BELOW NATURAL WATER ELEVATIONS OF TAYLOR POND AND DOWNSTREAM BASIN A "SEDIMENT TRAP" SHALL BE CONSTRUCTED IN ACCORDANCE WITH DRAWING AND NOTES ON THIS SHEET. THIS TEMPORARY EROSION CONTROL MEASURE SHALL BE EMPLOYED TO DEWATER SATURATED MATERIAL PRIOR TO SITE REMOVAL OR REUSE AS FILL MATERIAL.
 3. AS MUCH OF THE EXISTING VEGETATION AS POSSIBLE SHALL BE LEFT IN THE CONSTRUCTION AREA TO MAINTAIN NATURAL EROSION CONTROL.
 4. TOPSOIL SHALL BE REMOVED FROM AREAS UNDERGOING CONSTRUCTION AND STOCKPILED ON THE SITE FOR REUSE AS LOAM. THE TOPSOIL SHALL BE PLACED OUT OF NATURAL DRAINAGEWAYS IN PILES WHICH HAVE SIDE SLOPES OF 1.5:1 TO 2:1. A SHALLOW TRENCH SHALL BE BULDOZED AROUND THE BASE OF THE PILES TO PREVENT EROSION FROM DRAINAGEWAYS. WHEN STOCKPILES ARE PLACED, ALL TOPSOIL PILES WHICH ARE TO REMAIN FOR A PERIOD OF TWO MORE WEEKS SHALL BE COVERED WITH MULCH OR TEMPORARILY SEEDD AS DESCRIBED IN THE SPECIFICATIONS.
- D. TEMPORARY SEEDING SHALL BE APPLIED TO EXPOSED AREAS WITHIN TEN DAYS OF COMPLETING INTERIM GRADING OPERATIONS WITH THE EXCEPTION OF AREAS WHICH DRAIN TOWARDS TAYLOR POND OR DOWNSTREAM WATER BODIES WHICH SHALL BE STABILIZED WITHIN TWO DAYS OF GRADING OPERATIONS WITH SEEDING AND HEAVY MULCH. IN ADDITION TO SILT BARRIERS, LOCATIONS WHERE RUNOFF IS CONCENTRATED SHALL BE PROTECTED WITH HAY BALES.
5. ALL DISTURBED SOIL AND EXPOSED AREAS SHALL BE PERMANENTLY SEEDD FOLLOWING CONSTRUCTION.
6. SEASONAL CONSTRAINTS AND SPECIFICATION REQUIREMENTS FOR LOAMING, FERTILIZING, SEEDING AND MULCHING ARE IDENTIFIED IN THE SPECIFICATIONS.
7. THE CONTRACTOR SHALL MAINTAIN THE SEEDD AREAS UNTIL FINAL ACCEPTANCE OF THE WORK. MAINTENANCE SHALL CONSIST OF PROVIDING PROTECTION AGAINST TRAFFIC AND REPAIRING ANY AREAS DAMAGED DUE TO WIND, WATER, EROSION, FIRE OR OTHER CAUSES. SUCH DAMAGED AREAS SHALL BE REPAIRED TO RE-ESTABLISH THE CONDITION AND GRADE OF THE SOIL PRIOR TO SEEDING AND SHALL THEN BE RE-FERTILIZED, RESEEDD AND REMULCHED.
- D. SEDIMENT TRAP
1. THE SEDIMENT TRAP HAS BEEN DESIGNED IN ACCORDANCE WITH GUIDELINES SET FORTH BY THE "ENVIRONMENTAL QUALITY HANDBOOK"; MAINE SOIL AND WATER CONSERVATION COMMISSION; 1985.
 2. THE SEDIMENT TRAP HAS BEEN SIZED FOR A MAXIMUM OUTFALL FLOW OF 200-300 GPM. IF DEWATERING/PUMPING OPERATIONS EXCEED THIS OUTFALL FLOW, THE CONTRACTOR SHALL BE REQUIRED TO ENLARGE THE SEDIMENT TRAP AT NO COST TO THE PROJECT.
- E. COFFERDAM CONSTRUCTION
1. GUIDANCE FOR COFFERDAM LOCATION IS PROVIDED ON THIS SHEET. THE CONTRACTOR IS REQUIRED TO SUBMIT A COFFERDAM PLAN AND DETAIL CROSS-SECTIONS FOR REVIEW AND APPROVAL. NON-EARTHEN COFFERDAM CONSTRUCTION IS MANDATORY. NON-EARTHEN CONSTRUCTION CAN INCLUDE SANDBAGS, TIMBER, STEEL OR A PROPRIETARY SYSTEM SUCH AS PORTODAM BY PORTODAM INC.
 2. DRIVING OPERATIONS WITHIN 50 FEET OF THE MASONRY CHIMNEY WILL NOT BE PERMITTED.
 3. COFFERDAM CONSTRUCTION SHALL BE MATCHED WITH ADEQUATELY SIZED DEWATERING EQUIPMENT TO ENSURE MAINTENANCE OF SEEPAGE BYPASS FLOW.
 4. THE CONTRACTOR IS RESPONSIBLE FOR VOLUNTARY MAINTENANCE OF COFFERDAM FAILURE.
- F. OFFSITE DISPOSAL
1. OFF-SITE DISPOSAL OPERATIONS OF EXCAVATED MATERIAL WILL REQUIRE COMPLIANCE WITH THE "STATE OF MAINE" SOLID WASTE MANAGEMENT REGULATIONS. TWO CATEGORIES OF MATERIAL WILL REQUIRE OFF-SITE DISPOSAL BY THE CONTRACTOR. AN "INERT" MATERIAL LARGELY CONSIST OF PRIOR FILL DEPOSITS AND INDIGENOUS CLAY. "DEBRIS" MATERIAL INCLUDES TIMBERS FROM EXISTING CUT-WALL AND ORBWORK ELEMENTS OF THE DAM. DEMOLITION DEBRIS WILL REQUIRE DISPOSAL AT AN APPROVED FACILITY.
 2. MATERIAL TAKEN OFF-SITE SHALL BE DEWATERED PRIOR TO REMOVAL. UTILIZING SEDIMENTATION TRAPS. IN ADDITION, THE CONTRACTOR SHALL CLEAR ROADS OF MUD AND DEBRIS CAUSED BY CONSTRUCTION.

[illegible]

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6 Fundy Road
Falmouth, Maine 04105

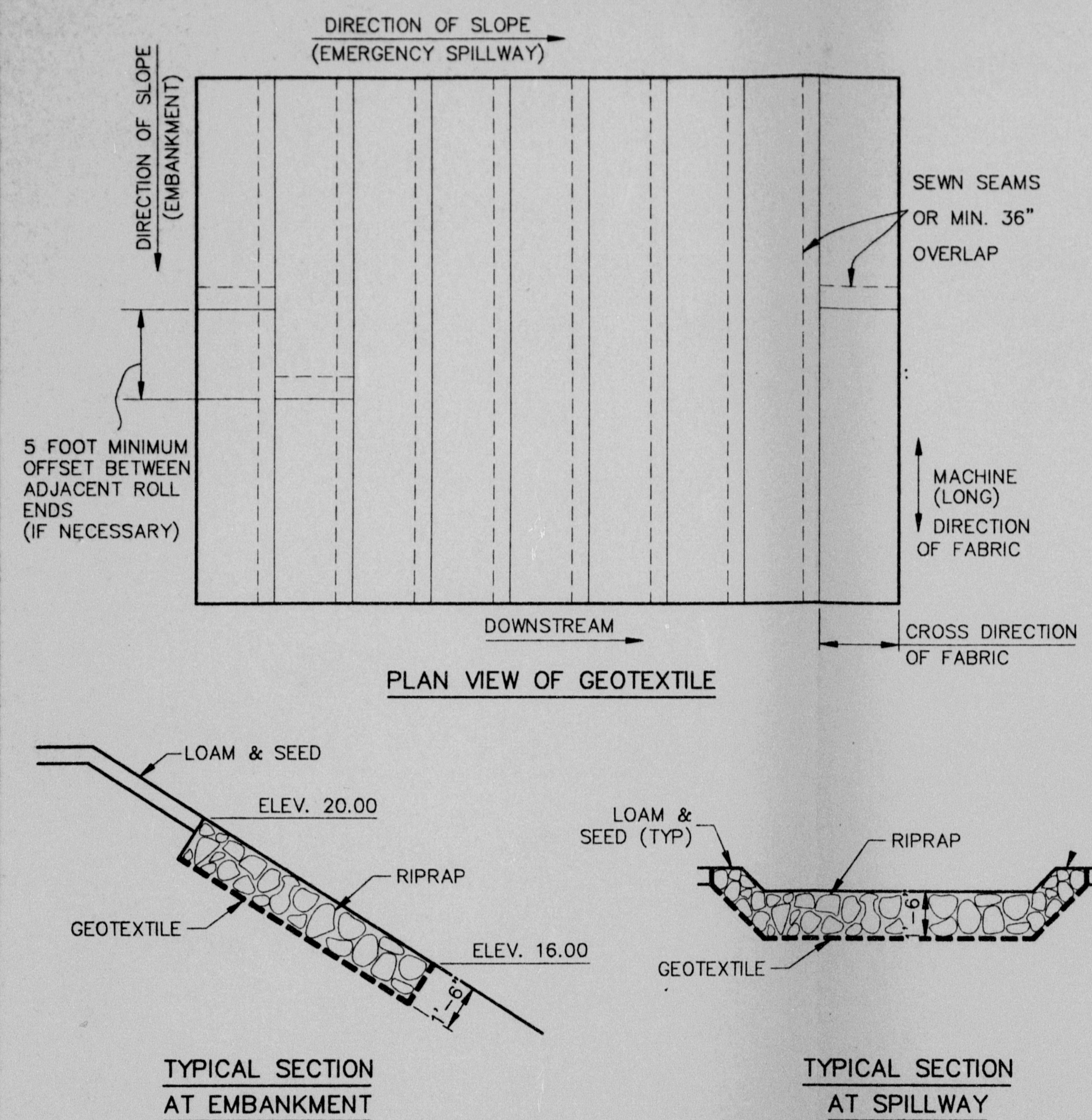
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PERMIT SUPPLEMENT NO. 1	FEB 91	BJB

SHEET TITLE: **CONSTRUCTION SEQUENCE & EROSION CONTROL PLAN**

PROJECT: **MAINE DEPARTMENT OF INLAND FISHERIES AND WILDLIFE
TAYLOR POND DAM REHABILITATION/REPLACEMENT**

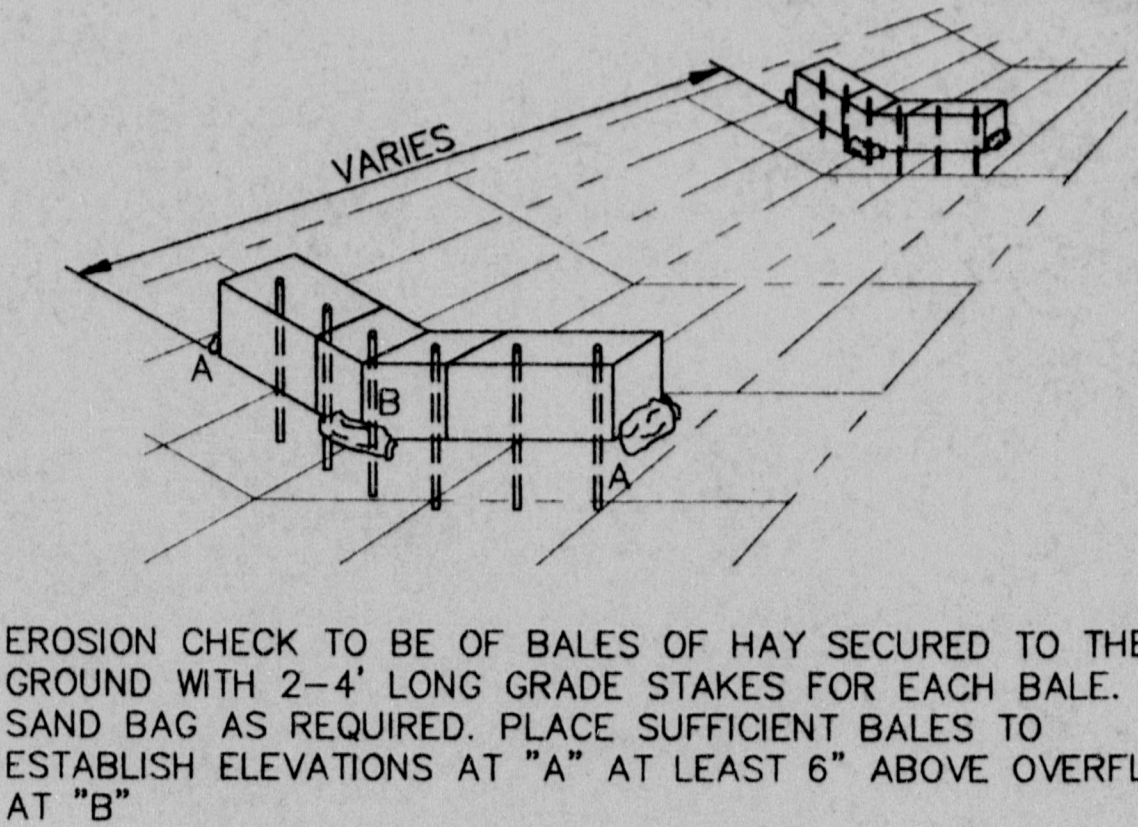
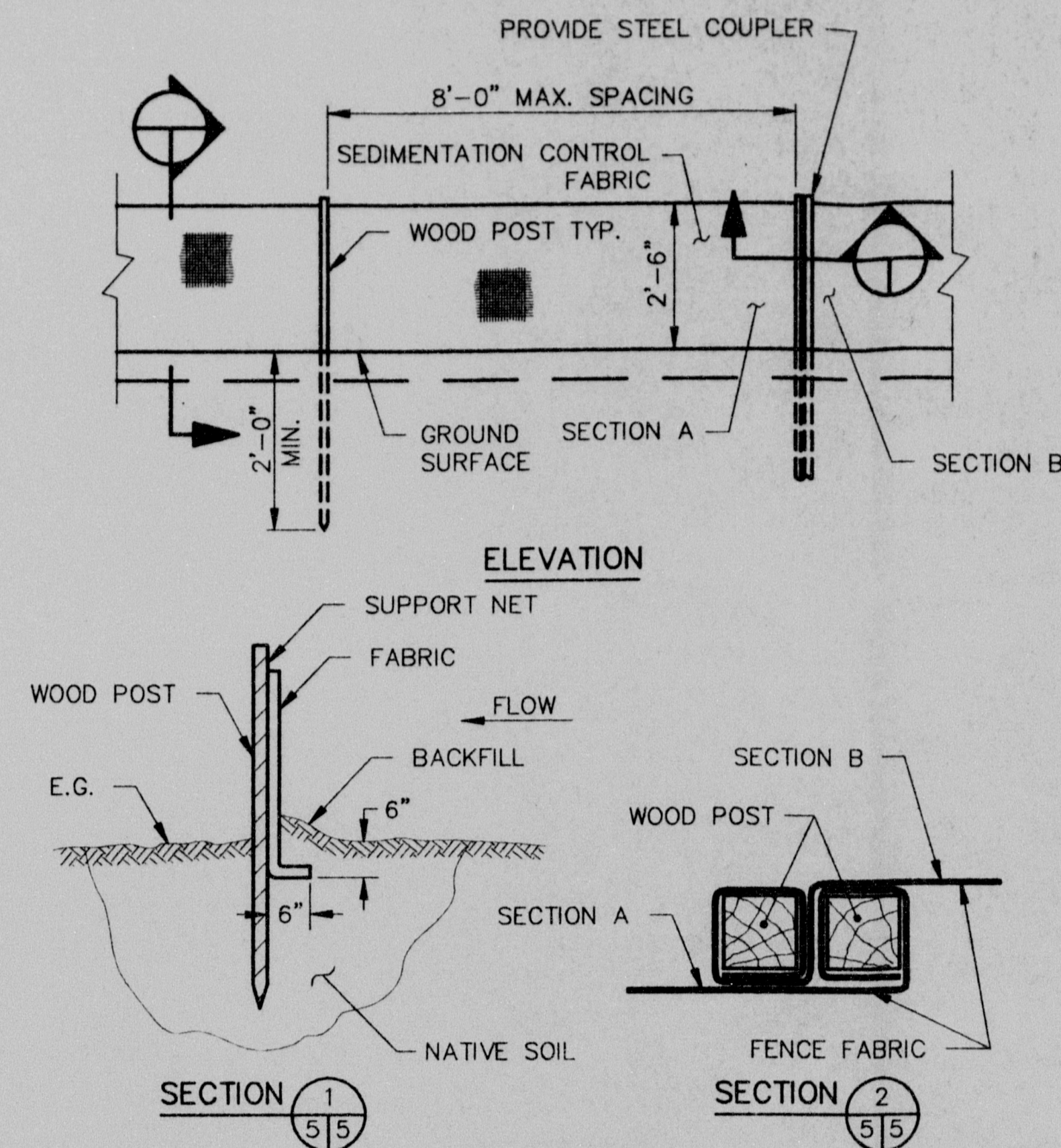
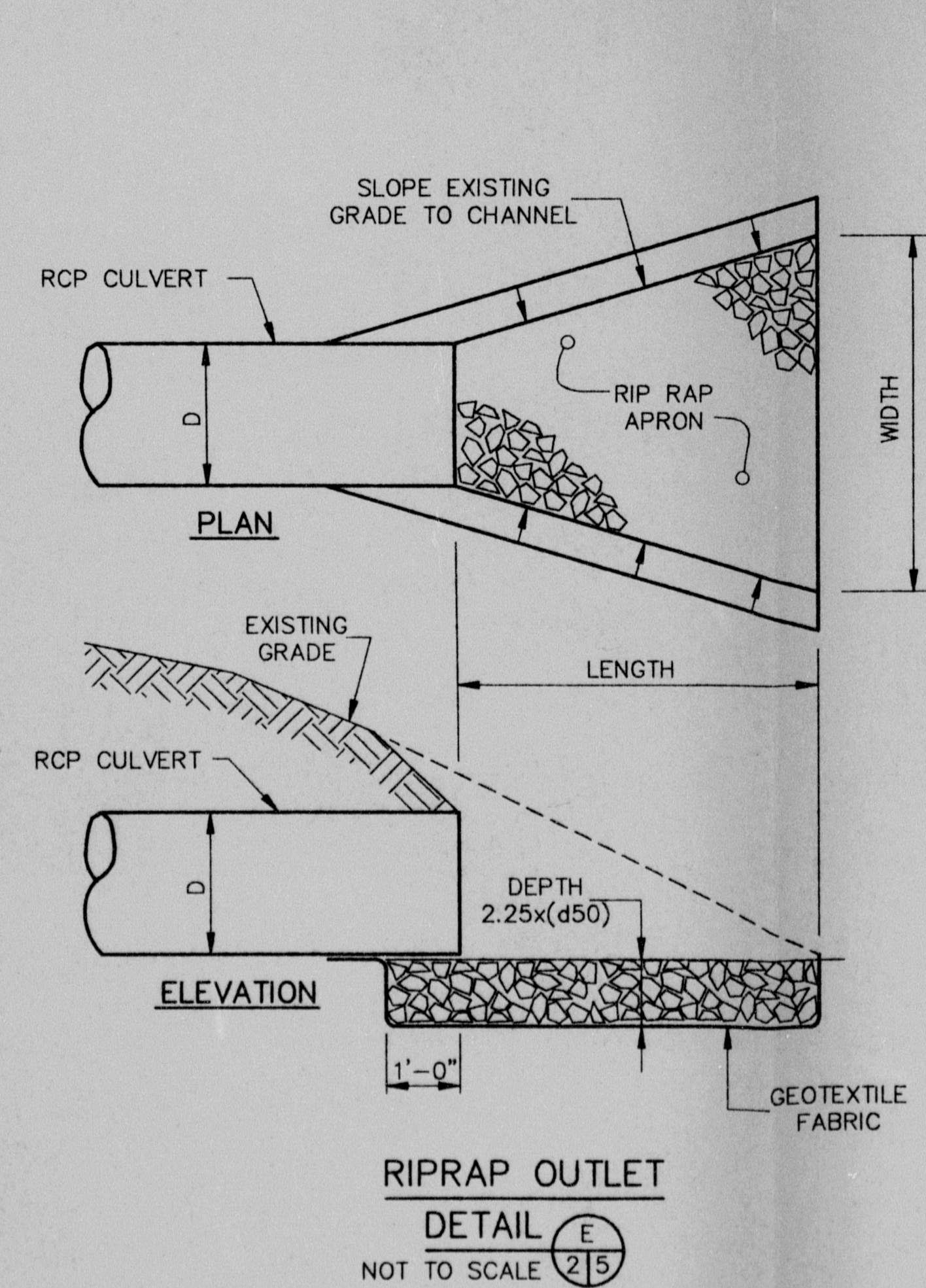
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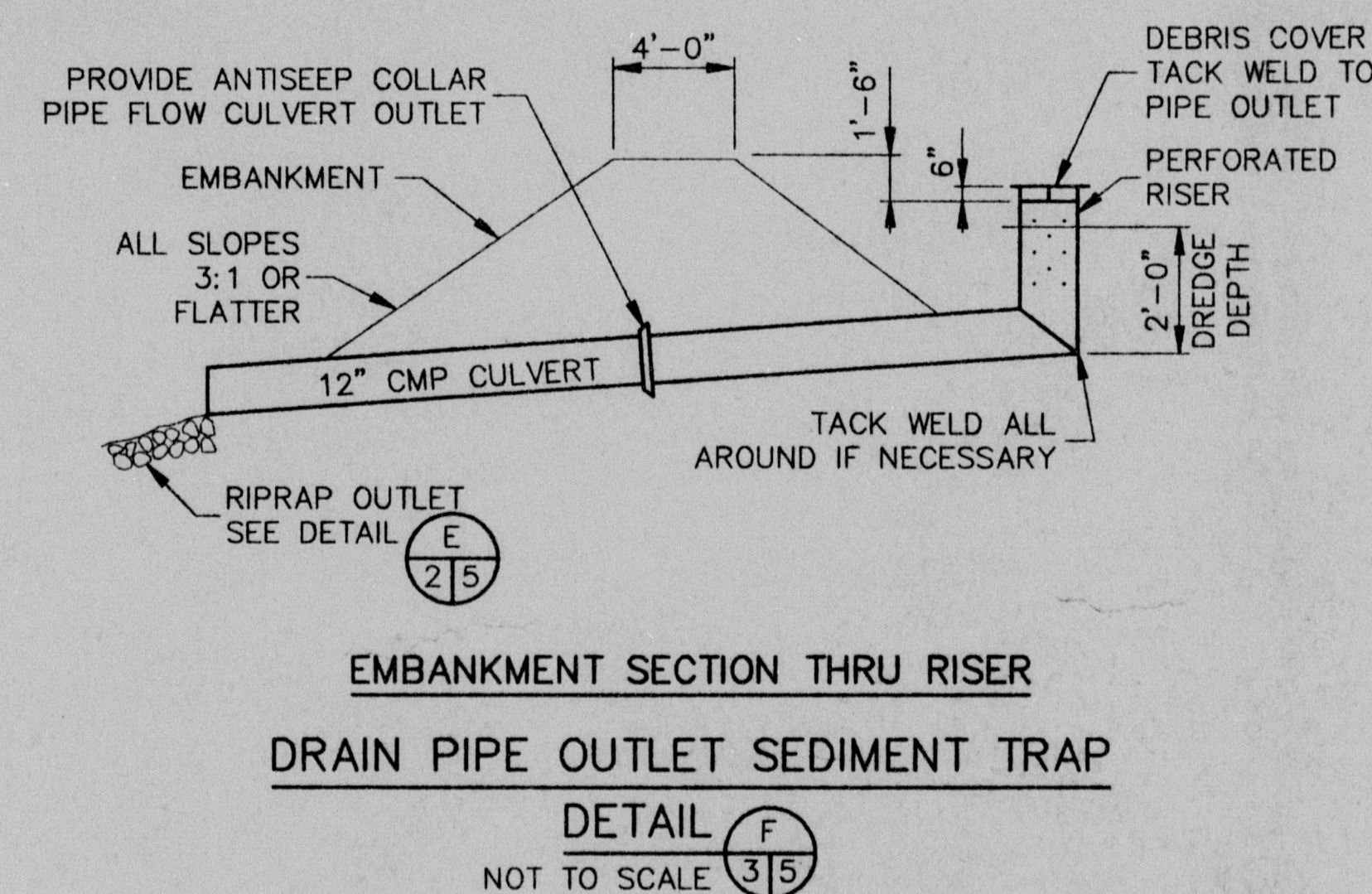
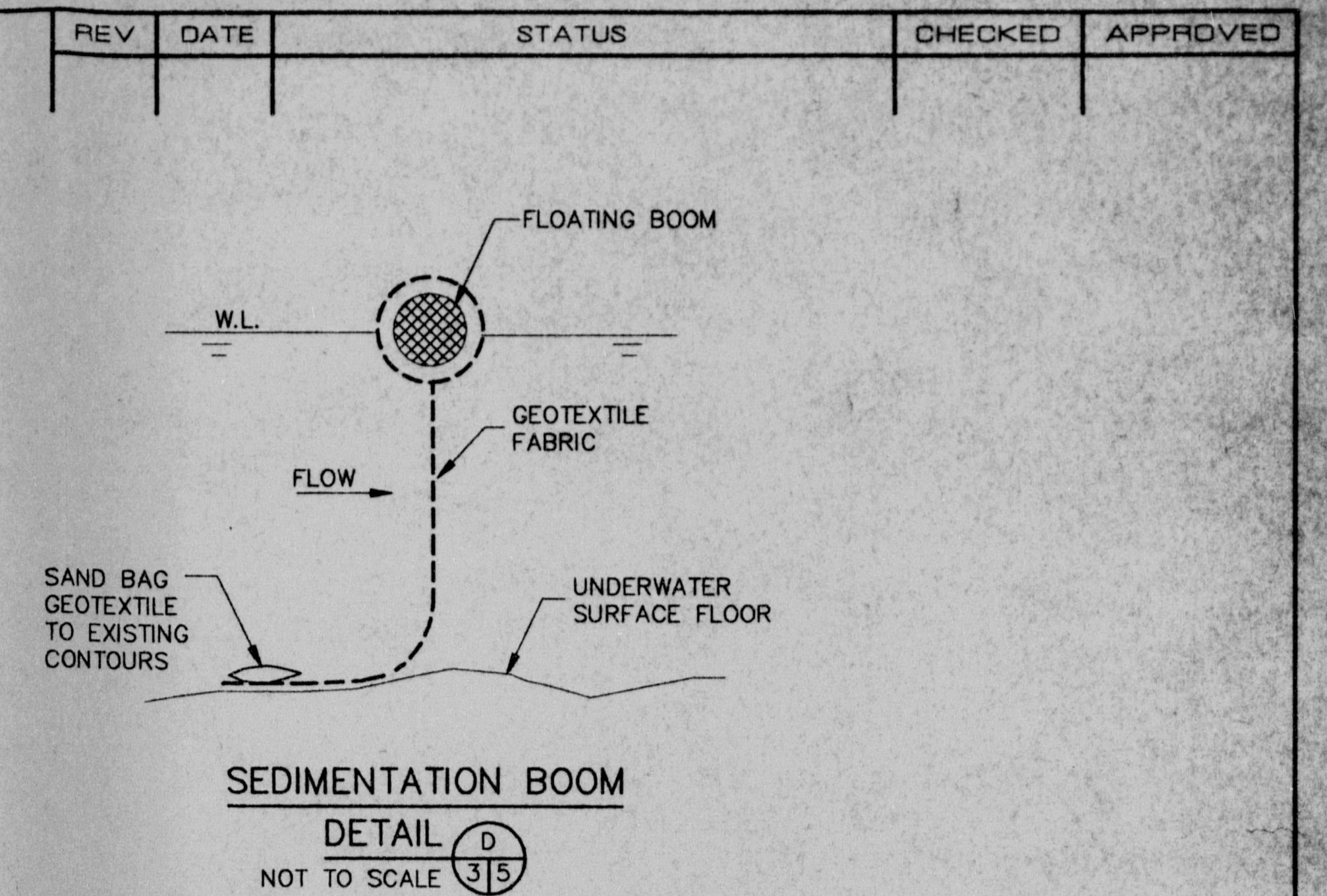


METHOD OF PLACING GEOTEXTILE FOR PROTECTION OF EMBANKMENT AND SPILLWAY

DETAIL A
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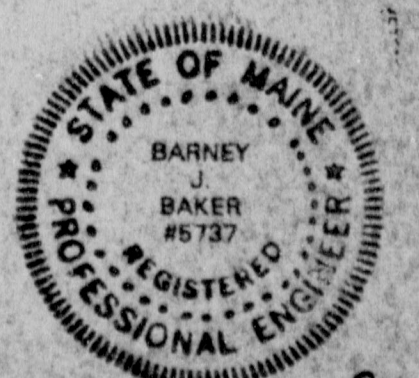


EROSION CONTROL CHECK FOR DITCH C
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NOTES:

1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIL AND REPAIRS MADE AS NEEDED.
4. ALL CUT AND FILL SLOPES SHALL BE 3:1 OR FLATTER.
5. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT.
6. AT LEAST THE TOP 2/3 OF THE RISER SHALL BE PERFORATED WITH 1/2" DIA HOLES SPACED 8" VERTICALLY AND 10"-12" HORIZONTALLY.



126-49 Gary Baker

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5 Fundy Road
Falmouth, Maine 04105

Issued For	Date	By
PERMIT SUPPLEMENT NO. 1	FEB. 91	BJB

SHEET TITLE:	DETAILS
PROJECT:	MAINE DEPARTMENT OF ISLAND FORESTRY AND WILDLIFE TAYLOR POND DAM REHABILITATION/REPLACEMENT

SHEET NO

5