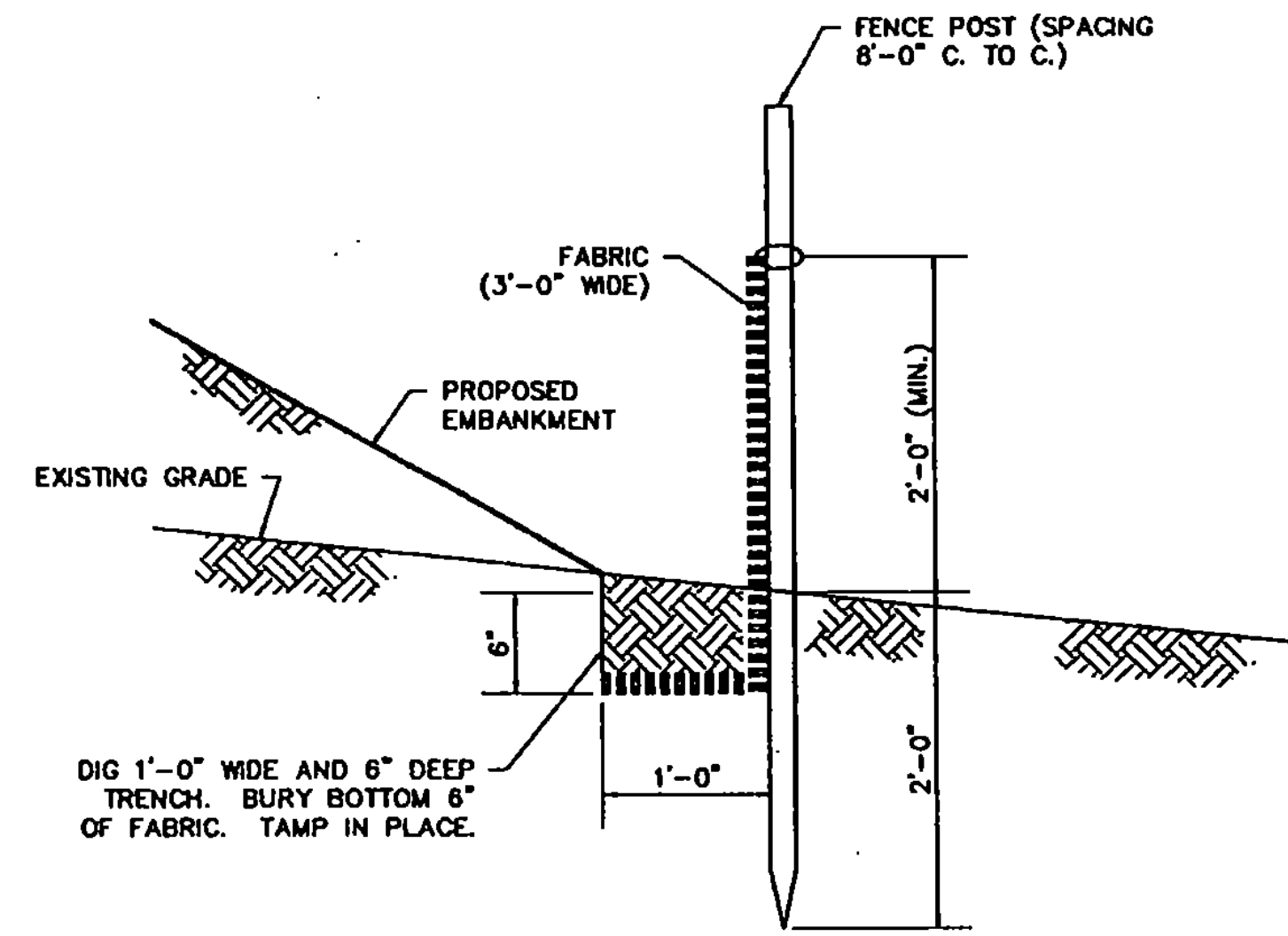


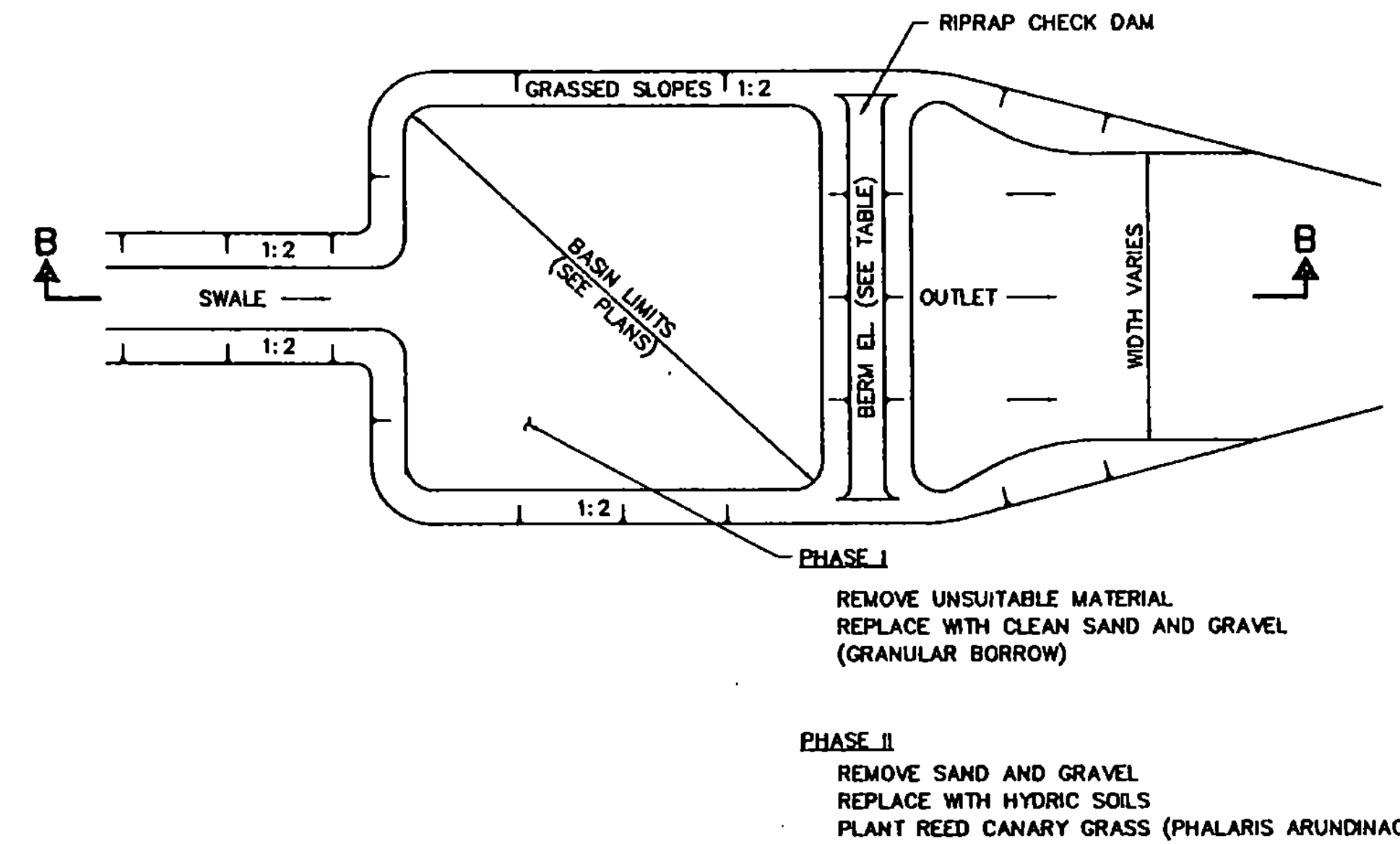
REQUIREMENTS FOR SEDIMENT BARRIER

DESIGN CRITERIA

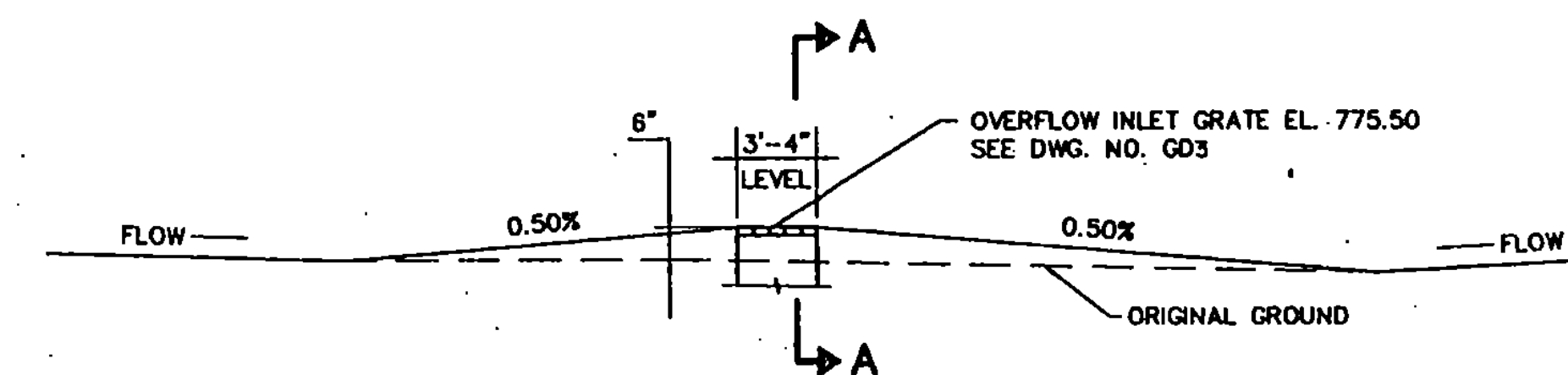
- A. ALL TYPES OF SEDIMENT BARRIERS:
1. THE BARRIER SHALL BE CONSTRUCTED SO WATER CANNOT BYPASS THE BARRIER AROUND THE ENDS.
 2. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 3. THE BARRIER SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. APPROVAL FROM RESIDENT ENGINEER REQUIRED.
- B. REQUIREMENTS FOR BALE BARRIER (E.G., STRAW, HAY OR OTHER ACCEPTABLE VEGETATIVE MATERIAL):
1. BALES TO BE PLACED AT LOCATIONS NOTED ON THE PLANS.
 2. ALL BALES SHALL BE SECURELY TIED AND STAKED ON THE CONTOUR. SEE SHEET 23 FOR DETAILS.
 3. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 4. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES.
 5. BALES SHALL BE SECURELY ANCHORED IN PLACE BY TWO STAKES OR RE-BARS DRIVEN THROUGH EACH BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- C. REQUIREMENTS FOR SILT FENCE (SEE DETAIL ON THIS SHEET):
1. SILT FENCES TO BE PLACED AT LOCATIONS NOTED ON THE PLANS.
 2. FENCE POSTS SHALL BE SPACED 8 FEET CENTER TO CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND. THEY SHALL EXTEND AT LEAST 2 FEET ABOVE GROUND.
 3. A FILTER FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FILTER FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. FILTER FABRIC MAY BE FASTENED IN PLACE BY STAKE OR OTHER MEANS ACCEPTED BY THE RESIDENT ENGINEER.



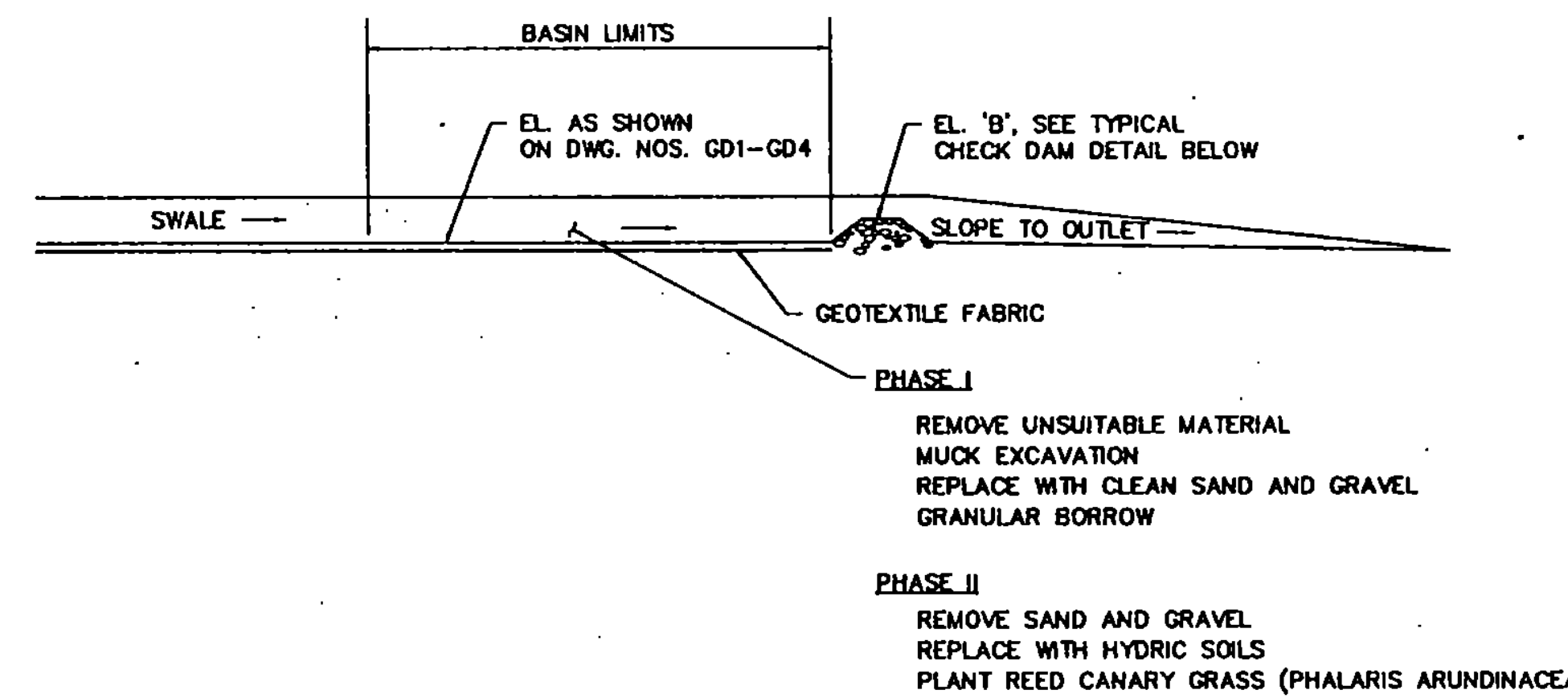
SILT FENCE DETAIL
ITEM 649.20
N.T.S.



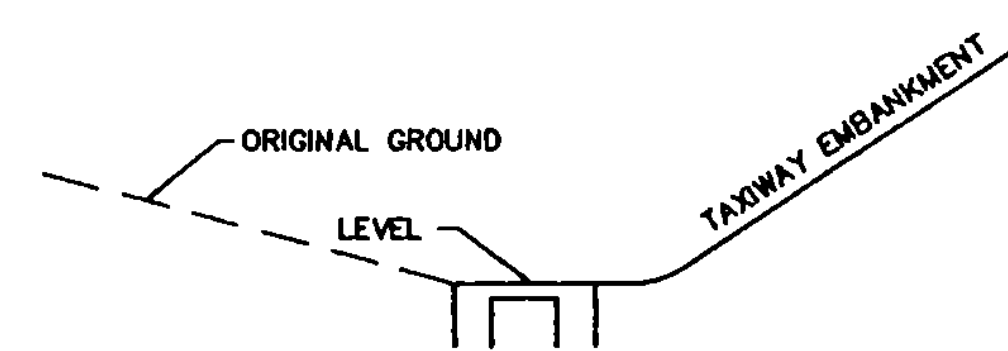
SEDIMENTATION BASIN / WETLAND POOL
N.T.S.



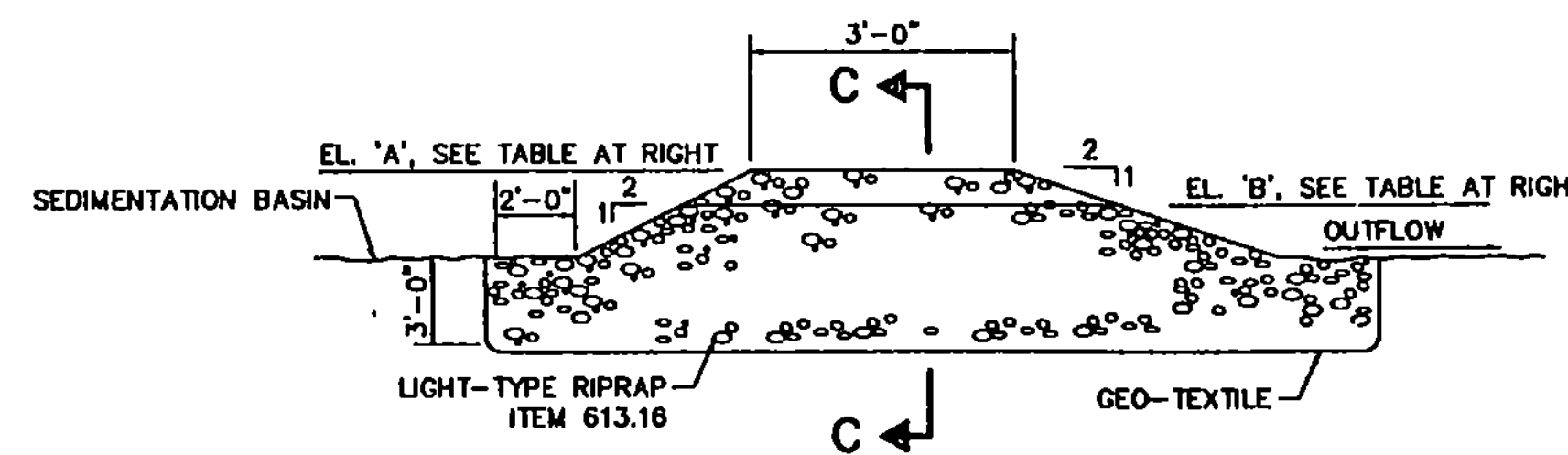
CHECK DAM AND DROP INLET
STA. 22+20.45' LEFT
N.T.S.



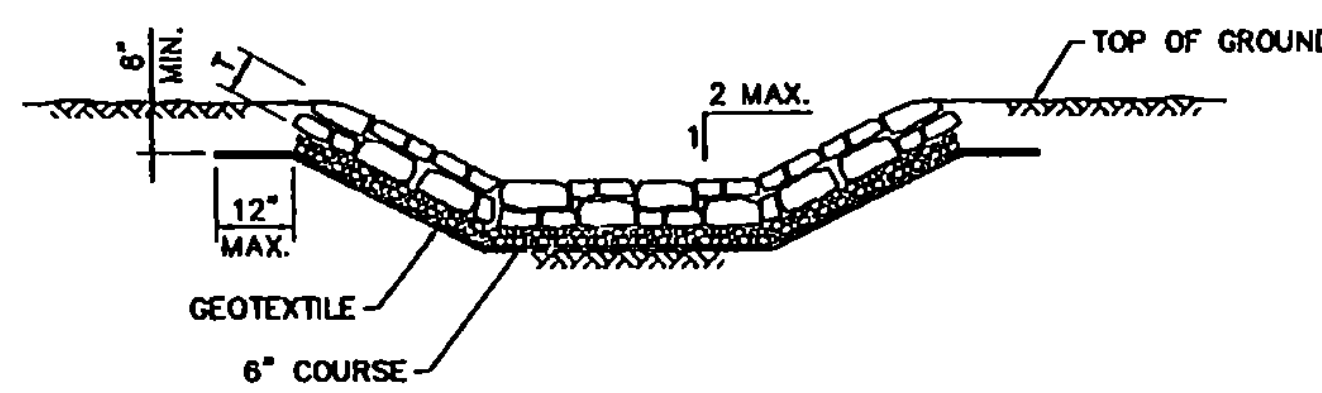
SECTION B-B
N.T.S.



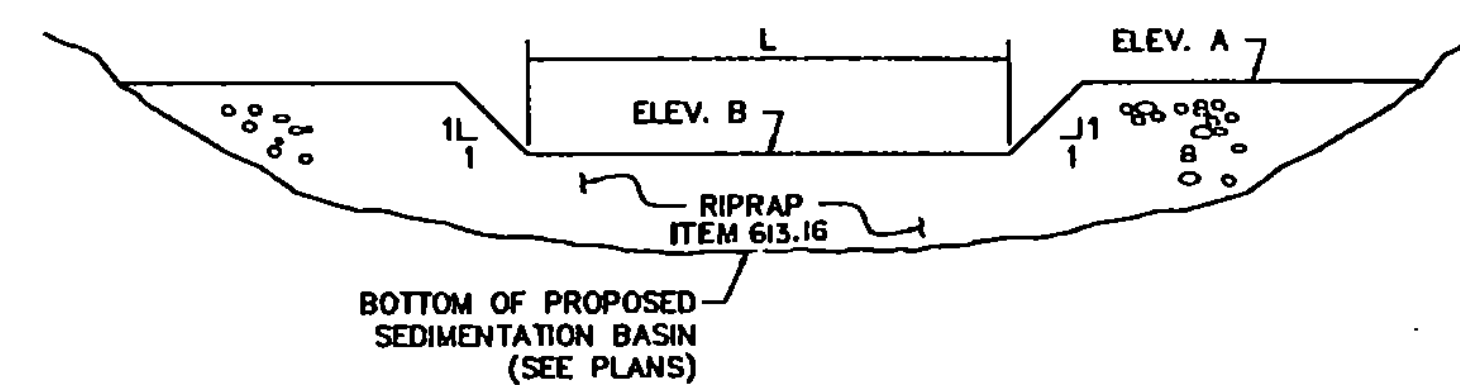
SECTION A-A
N.T.S.



TYPICAL CHECK DAM DETAIL
N.T.S.



RIP-RAP @ SWALES
ITEM 613.16
N.T.S.



SECTION C-C
N.T.S.

SEDIMENTATION BASINS					
LOCATION	OFFSET	DIM L	ELEV. A	ELEV. B	
STA. 21+80	100' RT.	13.0	771.00	770.50	SEE DWG. NO. GD2
STA. 23+00	60' RT.	10.0	772.00	771.50	SEE DWG. NO. GD2
STA. 40+00	60' RT.	10.0	771.20	770.70	SEE DWG. NO. GD3

SEDIMENTATION BASIN / WETLAND POOL NOTES

1. CONTRACTOR TO CONSTRUCT SEDIMENTATION BASINS AS HIS FIRST OPERATION.
2. CONTRACTOR TO REMOVE ACCUMULATED SEDIMENT AS NECESSARY DURING CONSTRUCTION OF TAXIWAY FOR EFFICIENT BASIN OPERATION.
3. UPON COMPLETION OF THE PROJECT, ESTABLISHMENT OF GRASSED SIDESLOPES AND UPON THE FINAL CLEANING OF THE BASIN OF SILT, THE CONTRACTOR MAY THEN COMPLETE THE FINAL PHASE OF BASIN CONSTRUCTION BY PLACING THE REQUIRED SOILS IN THE BASIN AND PLANTING THE RECOMMENDED VEGETATION (SEE DETAIL, PHASE II).

SEAL

[Signature]

PROJECT NO.	7804	DRAWN BY:	E.M.	CHECKED BY:	L.G.	DATE:	AUG. 23, 1993	SCALE:	AS SHOWN
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RUTLAND STATE AIRPORT
CLARENDON, VERMONT

TAXIWAY E
EROSION CONTROL AND
WETLAND MITIGATION DETAILS

DRAWING NO.
DD2

SHEET 28 OF 71

C:\USP\DWG\ERL\TUL\JUL\DEC-DEF 1993-08-23 10:48:50 1583