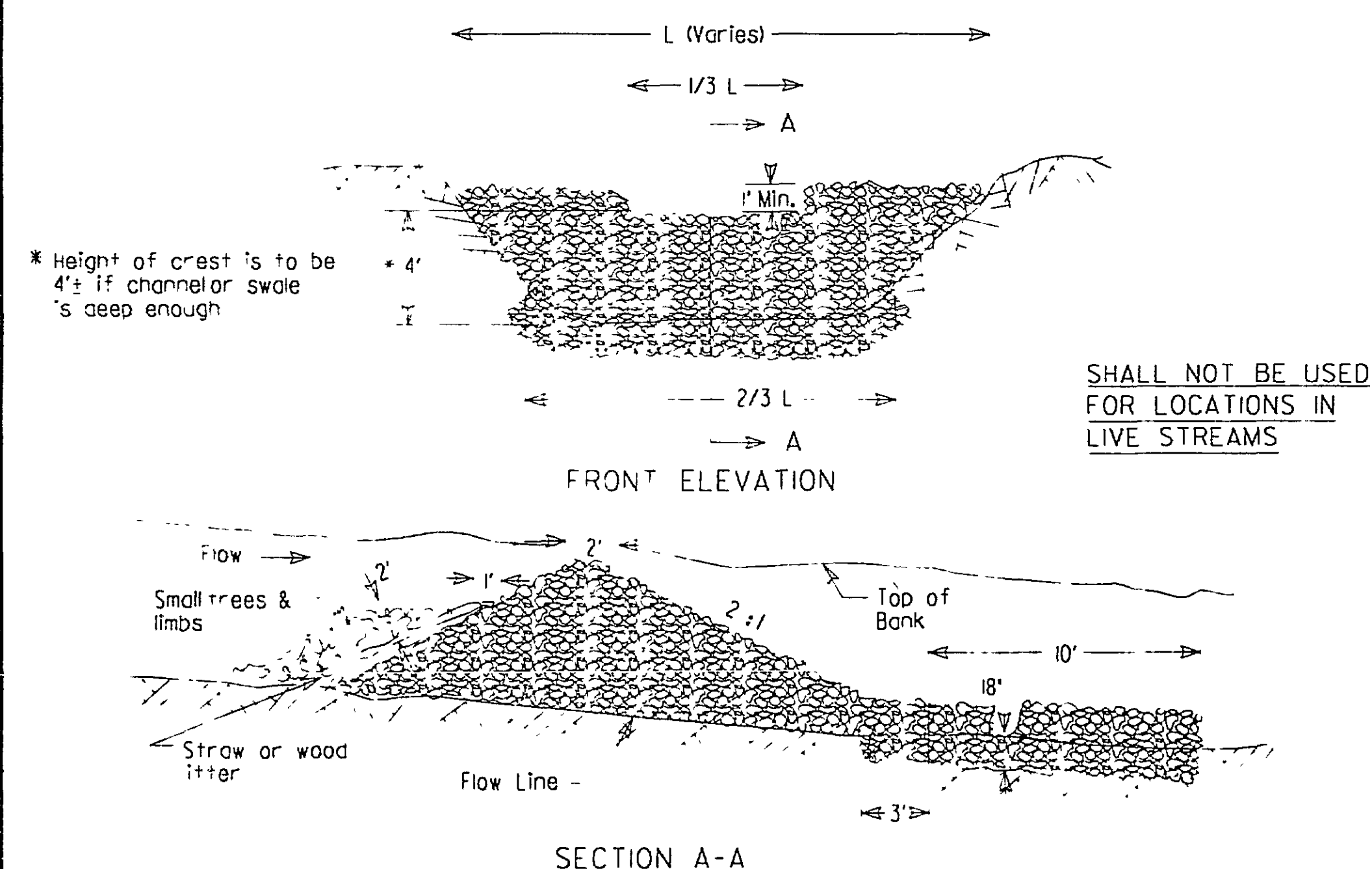
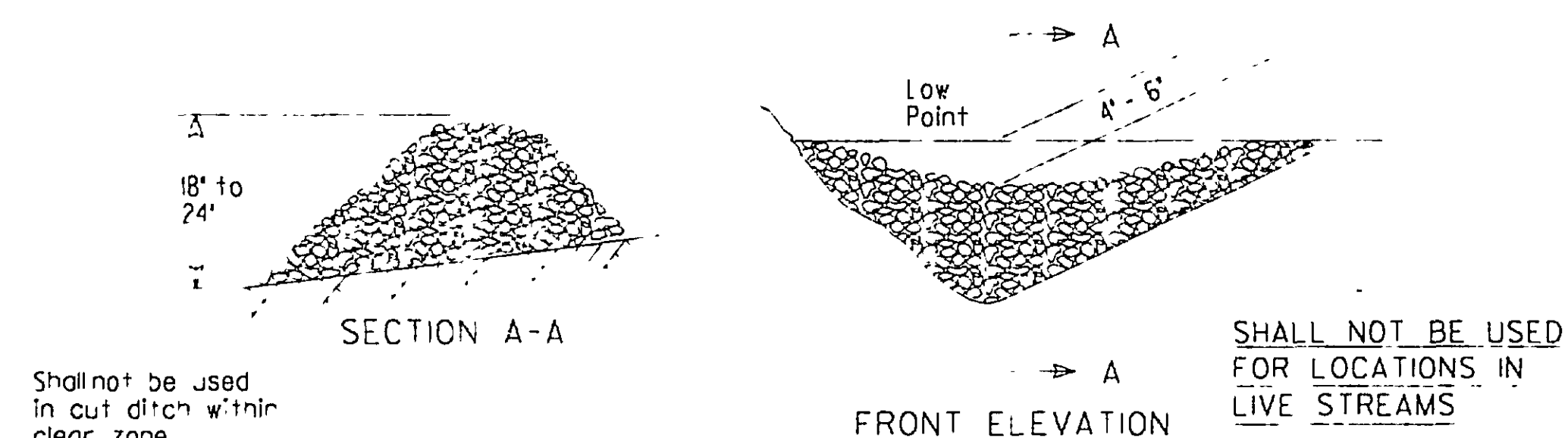


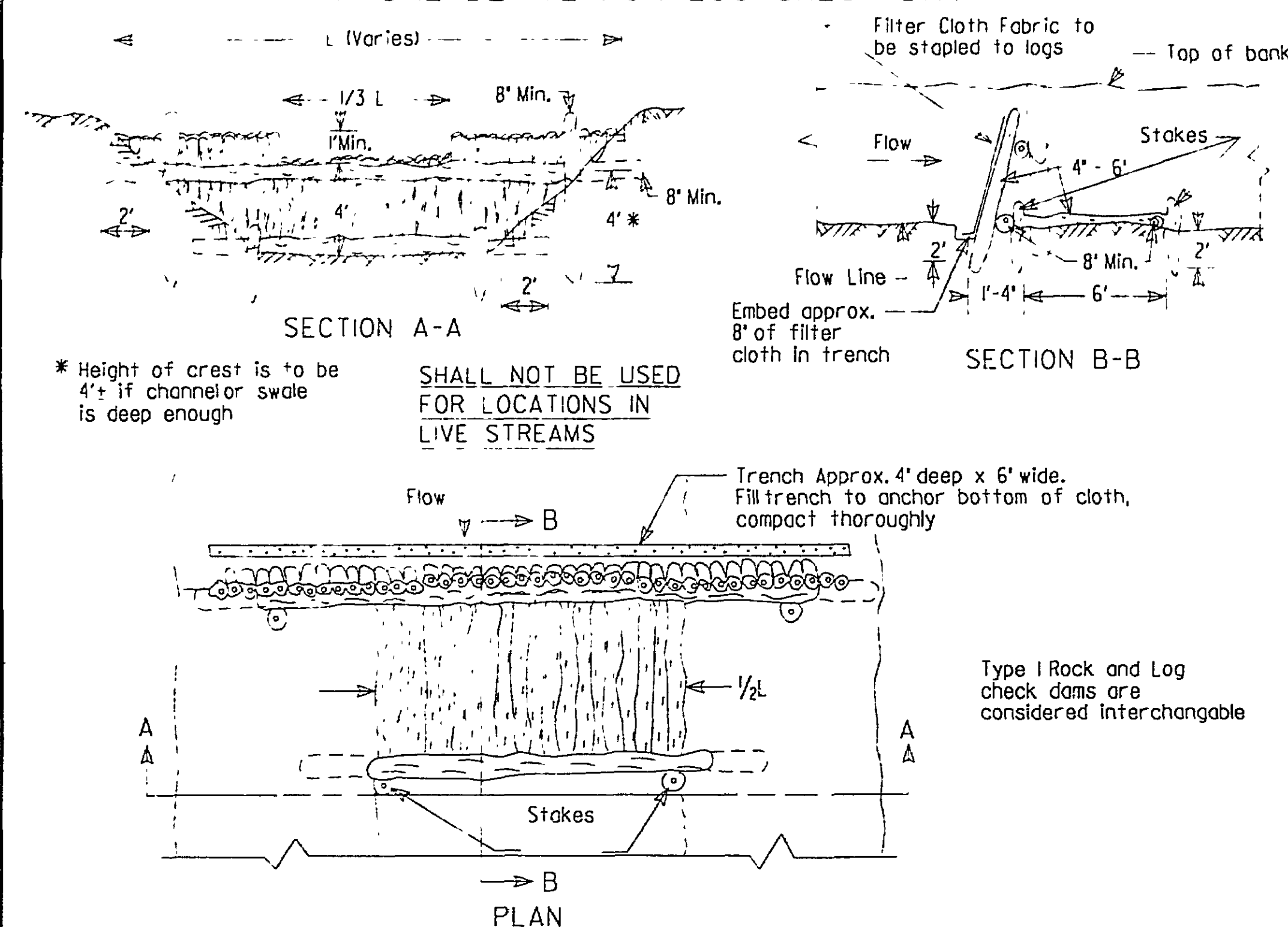
CHECK DAMS TYPICAL DETAIL FOR ROCK CHECK DAM TYPE I



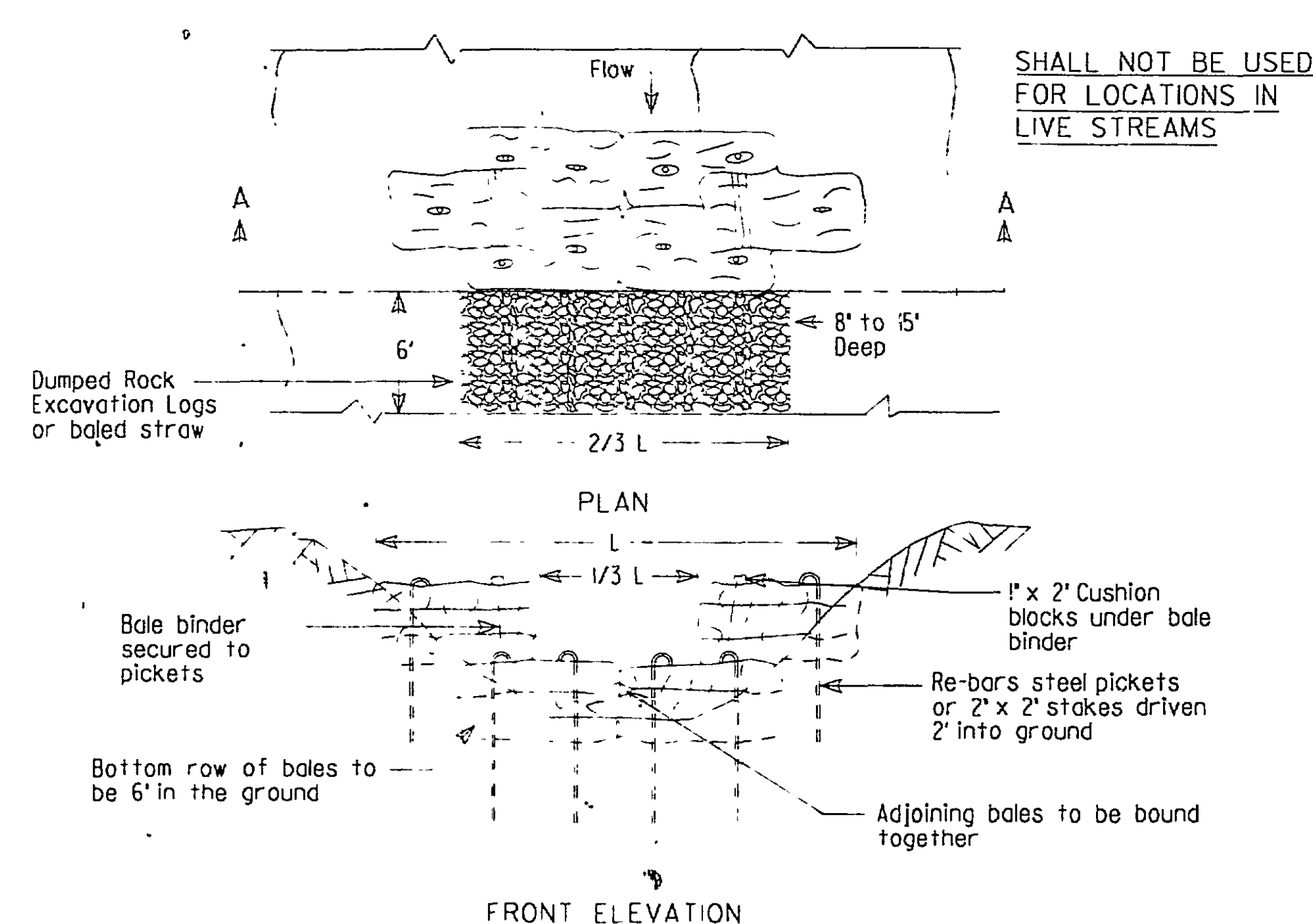
TYPICAL DETAIL FOR ROCK CHECK DAM TYPE II



TYPICAL DETAIL FOR LOG CHECK DAM



BALED STRAW CHECK DAM TYPICAL DETAIL FOR BALED STRAW CHECK DAM



NOTES:
Baled Straw Check Dams are to be used with open channels and contributing drainage areas of less than 10 acres.
The number of bales required will vary according to actual ground conditions. Dams are to be two bales high where possible.

SUGGESTED METHOD OF PLACING EROSION CONTROL RIP RAP IN CHANNELS, DITCHES, & AT TOE OF FILL SLOPES



NOTES:
The depth of protection will depend on whatever depth is attainable, with the rip rap being evenly spread with the quantity shown on these plans. Erosion control rip rap may be added or deleted as found necessary by the Engineer.
* Side slopes and bottom width (if trapezoidal) shown in typical section of proposed ditch or channel.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REV. SEC. 3
FED. AID REGION 1
STATE PROJECT ROUTE 2C(1)

GENERAL NOTES

THE BINDING OF BALED STRAW SHALL BE ADEQUATE TO MAINTAIN THE INTEGRITY OF THE BALES FOR THEIR INTENDED USEFUL LIFE. IN THE EVENT THE BINDING FAILS, THE CONTRACTOR SHALL REBIND OR OTHERWISE REPLACE THE BALES AT NO ADDITIONAL COST TO THE DEPARTMENT.

ALL CHANNEL CHANGES ARE TO BE CONSTRUCTED DURING THE EARLIEST STAGE OF CONSTRUCTION AND ARE TO BE CONSTRUCTED "IN THE DRY" WHEREVER POSSIBLE. STABILIZATION OR VEGETATION IS TO BE ESTABLISHED BEFORE FLOW IS REDIRECTED THROUGH THE CONSTRUCTED AREA AS DIRECTED BY THE ENGINEER.

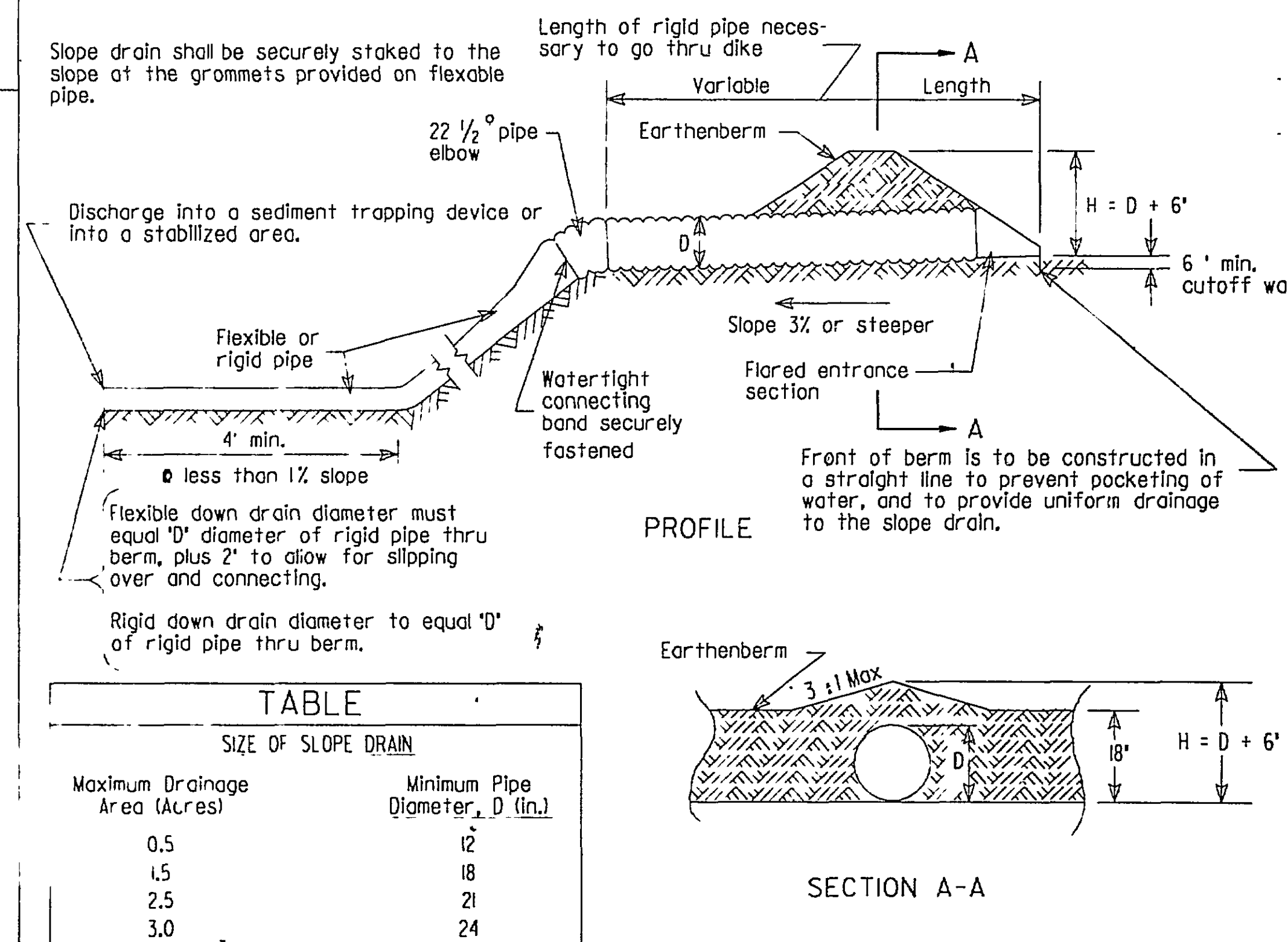
IF REMOVAL OF BRUSH SILT BARRIER IS REQUIRED BY THE ENGINEER, THE COST OF REMOVAL AND DISPOSAL OF BRUSH SHALL BE IN ACCORDANCE WITH SECTION 109.05 OF THE SPECIFICATIONS.

THE LOCATIONS OF THE CHECK DAMS AS SHOWN ON THESE PLANS ARE APPROX. ONLY. SUCH LOCATIONS MAY BE CHANGED OR DAMS MAY BE ADDED OR DELETED AS DIRECTED BY THE ENGINEER.

IN AREAS WHERE LOGS ARE UNAVAILABLE FOR USE IN CONSTRUCTION OF CHECK DAMS, LUMBER OR TIMBER OF LIKE SIZE MAY BE SUBSTITUTED FOR THE LOGS SHOWN HEREON. THE LOCATIONS WHERE THIS SUBSTITUTION WILL BE ALLOWED, WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE LUMBER OR TIMBER USED IN THE CONSTRUCTION OF THE CHECK DAM MAY BE UNTREATED.

ROCK FOR CHECK DAMS, EROSION CONTROL & RIP-RAP IN CHANNELS TO BE IN ACCORDANCE WITH SECTION 418.11 OF THE ROAD & BRIDGE SPECIFICATIONS (CLASS 1 RIP-RAP).

TEMPORARY BERM & SLOPE DRAIN



TABLE

Maximum Drainage Area (Acres)	Minimum Pipe Diameter, D (in.)
0.5	12
1.5	18
2.5	21
3.0	24

BASIS OF PAYMENT

Slope drains will be paid for at the contract unit price per each, which price shall be full compensation for furnishing, installing, maintaining and removing slope drain and flared endsection or portable flume and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

TEMPORARY EROSION & SILTATION CONTROL

SHEET 1 OF 2

REV. 5 - 1987

SPECIAL DESIGN SECTION
DRAWING NO. 414

VALLEYPOINTE - PHASE I

SHEET NO. 2C(1)

RC-2986