**NOTES**

1. See the General Notes for Temporary Erosion Control (Standard Drawings on 212-1).
2. Place slope drains on undisturbed soil or well-compacted fill and locate as shown on the plans.
3. Determine slope drain size and number by design storm event.
4. Install galvanized steel aprons as shown on Standard Drawing 608-1; connect pipes as shown on Standard Drawing 706-6.
5. Check slope drains periodically for damage or debris. Place anchors as needed to secure the slope drain.
6. Liners may consist of plastic sheeting, erosion control geotextiles, or approved turf reinforcement mat (TRM).
7. Extend liner at least 3.5' in front of drain inlet.
8. Ammend at least 1 percent slope; ensure discharge is at a non-erosive velocity.
9. Not to scale.

**SECTION A-A**

- Slope drain (liner) to be used with 4% slope on blanket
- Drain rock (D = 6"")
- Berm
- Rock check dam
- Liner
- See note No. B
- Rock depth
- Apron

**SECTION B-B**

- Bury edges of liner
- Section A-A
- Buried liner edges

**SECTION C-C**

- Slope drain (pipe)
- Berm
- Liner
- Pipe anchor detail
- See pipe anchor detail
- Liner detail

**PIPE ANCHOR DETAIL**

- Use pins (8", #4 bars) to anchor liner under apron
- Double loop 1/4" (6 mm) nylon rope or six wraps of 16 gauge wire

**REVISIONS**

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**STANDARD DRAWING**

- TEMPORARY EROSION AND SEDIMENT CONTROL SLOPE DRAINS
- REG. STD. DWGS. 212-1, 212-5, 608-1, & 706-6

**IDaho TRANSPORTATION DEPARTMENT**

- BOISE, IDAHO

- ORIGINAL DRAWN BY TOM COE FOR HIGHWAYS PROGRAM OVERSIGHT ENGINEER
- ORIGINAL DRAWN BY TOM COE FOR CHIEF ENGINEER
- ORIGINAL SIGNED BY: TOM COE
- ORIGINAL SIGNED BY: TOM COE

**PRINTS ONLY**

- Prints only are for 11" X 17" scales shown.

**DRAWING DATE:**

- APRIL, 1993

**BOISE IDAHO**

- Boise, Idaho 3311 West State Headquarters

- AT: ITD, ORIGINAL STORED