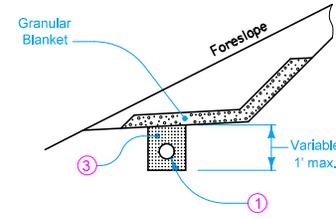
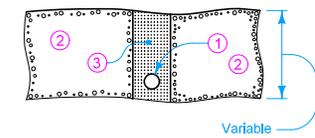


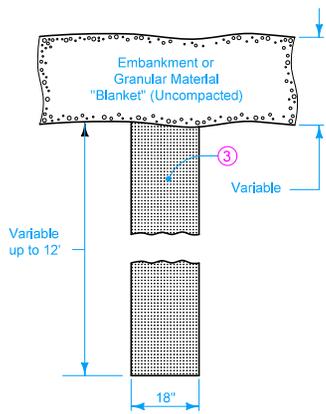
PLAN VIEW OF TYPICAL STANDARD SUBDRAIN INSTALLATIONS



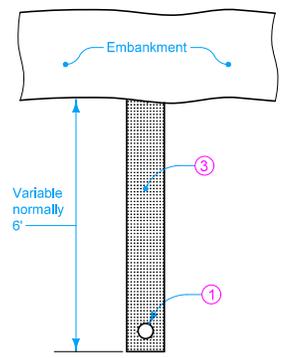
TYPE 1 INSTALLATION  
BENCH DRAIN  
SECTION A-A



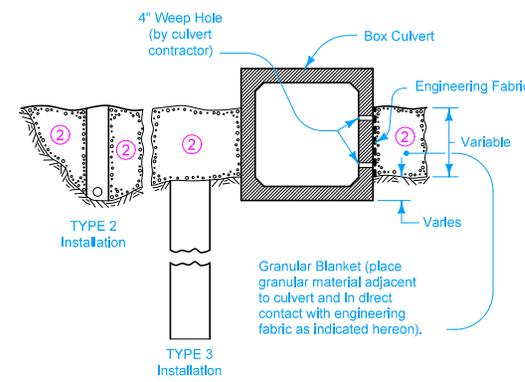
TYPE 2 INSTALLATION  
SUBDRAIN  
SECTION B-B



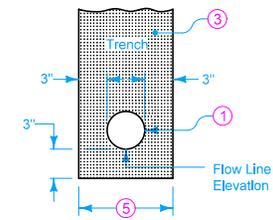
TYPE 3 INSTALLATION  
TRENCH DRAIN  
SECTION C-C



TYPE 4 INSTALLATION  
SUBDRAIN  
SECTION D-D



SECTION E-E  
SUBSOIL DRAINAGE



TUBING PLACEMENT DETAIL  
ALL TYPES

For specific information for individual locations, refer to the detail project plans, soils survey sheets, and tabulations of subdrains.

Dispose of material excavated from trenches for subdrain as directed by the Engineer. No extra compensation will be made for such disposal.

Cap blind ends of subdrains with a metal cap or by other methods approved by the Engineer. Install all perforated pipe with the perforations centered on flowline of the bottom side of the subdrain.

Place Granular Material for Blankets as indicated on the plans.

- ① Perforated Subdrain (Polyethylene Corrugated Tubing).
- ② Granular Material for Blanket (Uncompacted).
- ③ Porous Backfill (Uncompacted).
- ④ For Subdrain outlet construction details, see DR-304 and DR-305.
- ⑤ 10 inches for 4 inch subdrain; 12 inches for 6 inch subdrain.

- Possible Contract Items:
- Standard Subdrain
  - Trench Drain
  - Granular Material for Blanket and Subdrain
  - Subdrain Outlet (DR-304)
  - Subdrain Outlet (DR-305)

Possible Tabulation:  
104-5C

 <b>STANDARD ROAD PLAN</b>	REVISION
	New 04-21-15
DR-301	SHEET 1 of 1
REVISIONS: New. Replaces RF-19A.	
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
<b>SUBDRAINS</b> <b>FOR FILL OR FOUNDATION DRAINAGE</b> <b>(STANDARD)</b>	