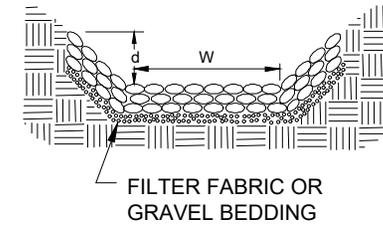


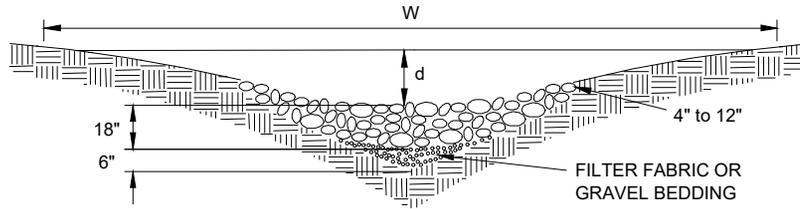
PARABOLIC-SHAPED WATERWAY WITH STONE CENTER DRAIN

(SHAPED BY BULLDOZER)

TYPICAL RIP RAP CHANNEL



TRAPEZOIDAL



V-SHAPED WATERWAY WITH STONE CENTER DRAIN

(SHAPED BY MOTOR GRADER)

NOTES:

1. TO BE USED WHERE EXCESSIVE STORMWATER VELOCITIES PROHIBIT VEGETATIVE LININGS.
2. SIZE OF STONE MUST BE DETERMINED BY APPROPRIATE DESIGN PROCEDURE.
3. DIMENSIONS FOR d & W VARIES ACCORDING TO DESIGN.
4. RIP RAP DEPTH AS PER DESIGN OR REFER TO TABLE.

TABLE

| STONE CLASSIFICATION | RIP RAP DEPTH |
|----------------------|---------------|
| A | 9" |
| B | 18" |
| CLASS 1 | 24" |
| CLASS 2 | 24"-36" |



**TOWN OF INDIAN TRAIL
STANDARD DETAIL**

RIP RAP LINED CHANNELS

| REVISIONS | Scale |
|-----------|---------------|
| | Not To Scale |
| | Revision Date |
| | 02/2021 |
| | Detail # |
| | EC_7.01 |