

## Site Preparation And Construction

Proper procedures must be followed to protect the mound area including required greenbelt area during and after construction.

Fencing mound field should be used to prevent site disturbance until actual construction can occur.

Soil smearing and compaction will occur if soils are worked on with a high soil moisture content.

Soil smearing and compaction will reduce the soils infiltration capacity. Construction activities should be scheduled only when soil are sufficiently dry.

Excess vegetation should be removed from the mound basal area. Trees/ Shrubs should be cut flush to the ground and other vegetation over six inches in length should be mowed and removed.

The entire basal area of the mound should be suitably prepared by roughening in a ridge and furrow fashion with ridges following the contours.

Methods for roughening include chisel teeth fastened to the backhoe bucket. Rototilling is not acceptable.

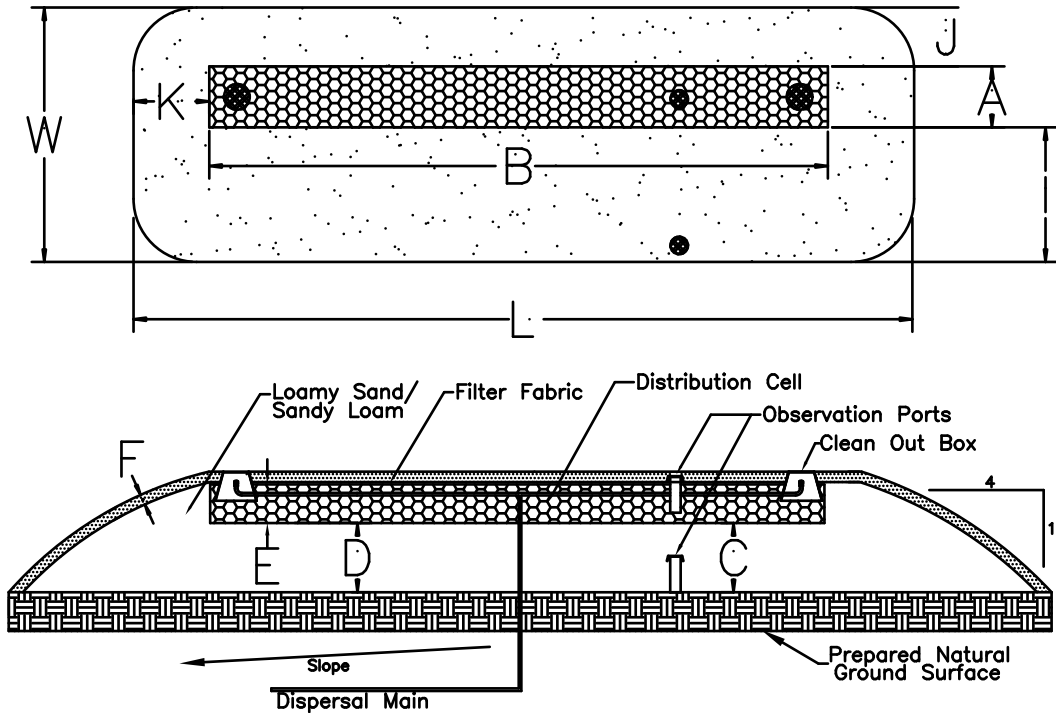
Sand fill material should be applied immediately after roughening and prior to any subsequent precipitation.

Cleanliness of sand fill should be field checked prior to installation. Placement of fill material is to be accomplished from the end and upslope sides utilizing a tracked vehicle or equipment with adequate reach to minimize soil compaction.

A minimum of six inches of fill material should be maintained below the tracks to minimize compaction. Wheeled vehicles should be prevented from travel over the mound basal area and downslope greenbelt area. Final grading of the mound area should divert surface water drainage away from the mound.

Sod the entire mound area or seed and mulch.

## Mound Plan View & Cross Section



### Detail Dimension Description

| Detail Dimension | Description   |
|------------------|---|
| A                | Distribution Cell Width   |
| B                | Distribution Cell Length  |
| C                | Up Slope Fill Depth Under Distribution Cell                       |
| D                | Downslope Fill Depth Under Distribution Cell                      |
| E                | Distribution Cell Depth   |
| F                | Depth Of Final Cover  |
| I                | Distance From Edge Of Distribution Cell To Downslope Edge Of Fill |
| J                | Distance From Edge Of Distribution Cell To Up Slope Edge Of Fill  |
| K                | Distance From End Of Distribution Cell To Edge Of Fill            |
| L                | Overall Mound Fill Length   |
| W                | Overall Mound Fill Width  |

DRAWN jdu

SCALE

DATE 12/20/04

APPROVED

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| BY  | DATE  | REVISION | NO | DESCRIPTION |
|-----|-------|----------|----|-------------|
| jdu | 12/04 | 1.       | 1. |             |
| SLB | 6/08  | 2.       | 2. |             |
|     |       | 3.       | 3. |             |
|     |       | 4.       | 4. |             |
|     |       | 5.       | 5. |             |

SHEET 1 OF 1

DRAWING NO.  
MND2