DIVERSION Dike

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

2:1 SLOPE OR FLATTER

2:1 SLOPE OR FLATTER

OUTLET

EXISTING GROUND

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

PERIMETER SWALE

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

2:1 SLOPE OR FLATTER

2:1 SLOPE OR FLATTER

OUTLET

EXISTING GROUND

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

INTERCEPTOR SWALE

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

2:1 SLOPE OR FLATTER

2:1 SLOPE OR FLATTER

OUTLET

EXISTING GROUND

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

INTERCEPTOR Dike

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

2:1 SLOPE OR FLATTER

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OUTLET

EXISTING OR GRADED

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

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EXISTING OR GRADED

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EXISTING GROUND

CROSS SECTION

POSITIVE DRAINAGE (GRADE SUFFICIENT TO DRAIN)

PLAN VIEW

GENERAL NOTES FOR SWALES

1. ALL TREES, BRUSH, OBSTRUCTIONS, AND OTHER OBJECTS OR MATERIALS SHALL BE REMOVED OR DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
2. THE SWALE SHALL BE EARTHED OR GRADED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE OBJECTS SPECIFIED HEREIN AND BE FREE OF BARK PROJECTIONS OR OTHER IRREGULARITIES WHICH MIGHT IMPED NORMAL FLOW.
3. ALL EARTH REMOVED OR NOT NEEDED IN CONSTRUCTION SHALL BE USED OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
4. SWALES SHALL HAVE A MINIMUM GRADE OF ONE PERCENT AND THE BOTTOM SHALL BE LEVEL.
5. STABILIZATION SHALL BE BY USING THE FLOW AREA WITH TRASH THAT MEETS ASOSe 1001 SIZE NO. 2 OR 2 1/2 to 1 1/2 OR 2 1/2 to 1 1/2 OR 2 1/2 to 2 1/2 IN A LAYER AT LEAST 3 SEERS IN THICKNESS AND PRESS INTO THE SOIL. THE LINING SHALL EXTEND ACROSS THE BOTTOM AND UP BOTH SIDES OF THE CHANNEL. A SHEET TO BE BORED HORIZONTALLY ALONG THE BOTTOM.
6. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED BY THE OWNER.

GENERAL NOTES FOR DYES

1. ALL DYES SHALL BE MACHINE COMPACTED TO A STANDARD PROCTOR DENSITY OF SOIL.
2. ALL DYES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. STABILIZATIONS AS SPECIFIED BY THE PLANS, SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS FOR GRADED MATERIALS, AND THE AREA TO BE STABILIZED SHALL BE THE CHANNEL, 30 CM WIDE, OR THE CROSS SECTIONS OF THE SWALE TO MEET THE REQUIREMENTS OF THE PROJECT. THE DYES SHALL BE PLACED IN A 3 INCH LAYER AND PRESS INTO THE SOIL.
4. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED BY THE OWNER.