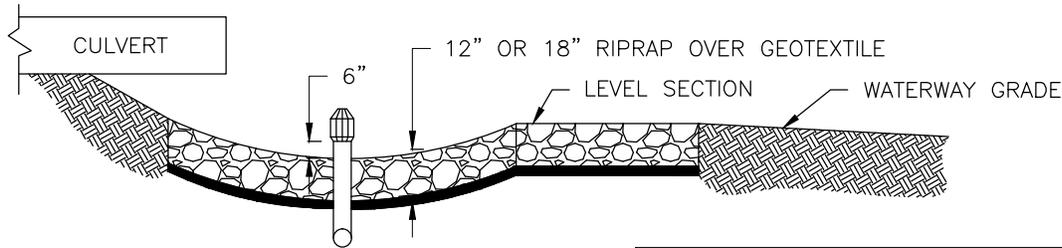
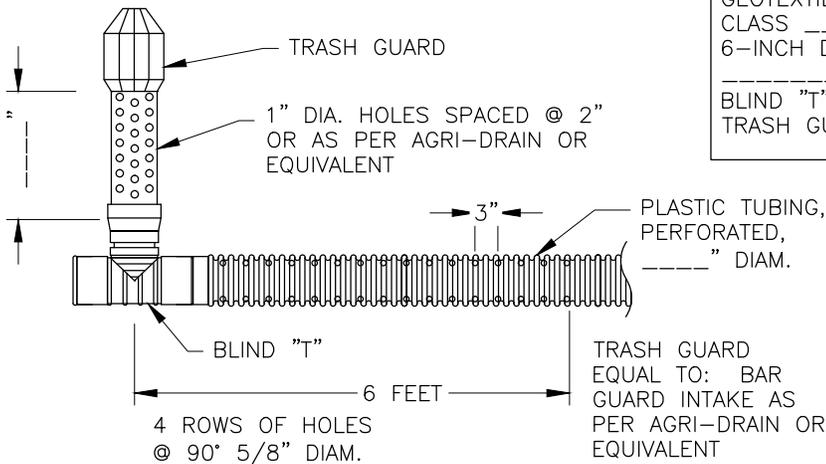


PLAN VIEW



SECTION ALONG CENTERLINE

QUANTITIES	
EXCAVATION -----	_____ CU. YD.
ROCK RIPRAP -----	_____ CU. YD.
GEOTEXTILE NONWOVEN CLASS -----	_____ SQ. YDS.
6-INCH DIA. PVC PIPE -----	_____ LIN. FT.
BLIND "T" -----	1 EACH
TRASH GUARD -----	1 EACH



INLET AND TUBING DETAIL

STONE SIZE

NOTES:

- IF THE SURFACE INLET IS NOT BELOW A CULVERT, A 4 FOOT LEVEL SECTION SHALL BE CONSTRUCTED AT THE UPSTREAM SIDE, SIMILAR TO THE LEVEL SECTION SHOWN.
- USE AN ORIFICE PLATE TO MAINTAIN OPEN CHANNEL FLOW IN THE DOWNSTREAM PLASTIC TUBING.
- THE OUTLET TUBING SHALL BE CONNECTED TO A TILE MAIN INSTALLED ALONG THE WATERWAY.
- THE RIPRAP SHALL BE WELL GRADED FIELD OR QUARRY-RUN STONE WITH A MAXIMUM SIZE OF 12" AND A MINIMUM SIZE OF 2".
- ORIFICE DIAMETER _____ INCHES

% PASSING BY WEIGHT	SIZE IN INCHES
100	(2 x D ₅₀)
60-85	(1.5 x D ₅₀)
25-50	(D ₅₀)
5-20	(.5 x D ₅₀)
0-5	(.2 x D ₅₀)

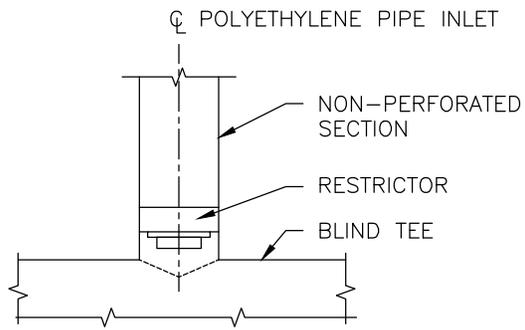
SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

CULVERT OUTLET WITH SURFACE INLET

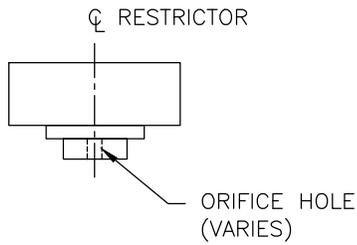
CLIENT: _____
COUNTY: _____

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

Drawing No. WI-410A
Date 07/14
Sheet of

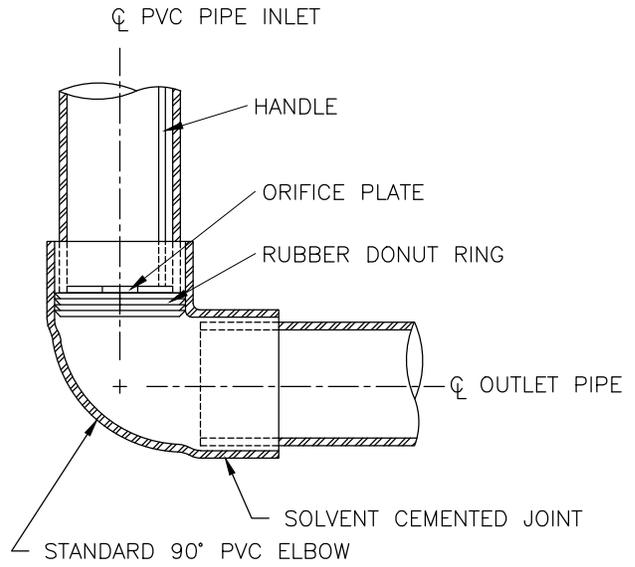


ORIFICE (RESTRICTOR) PLACEMENT DETAIL



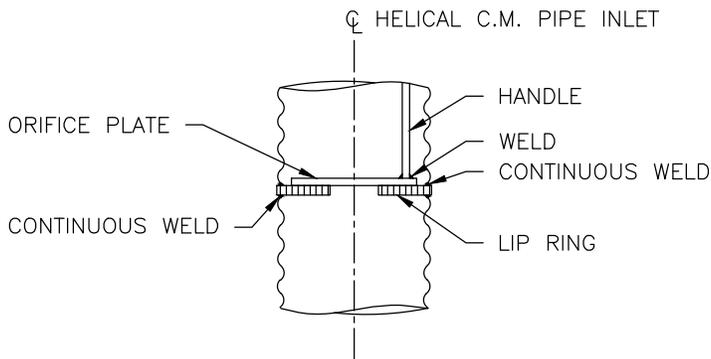
RESTRICTOR DETAIL

REFER TO DRAWING NO. WI-409



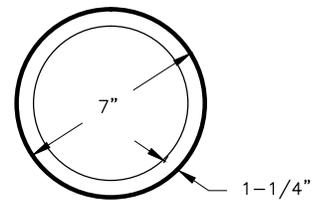
RUBBER DONUT RING ORIFICE SUPPORT

REFER TO DRAWING NO. WI-400



LIP RING AND ORIFICE PLATE DETAIL

REFER TO DRAWING NO. WI-401



LIP RING DETAIL