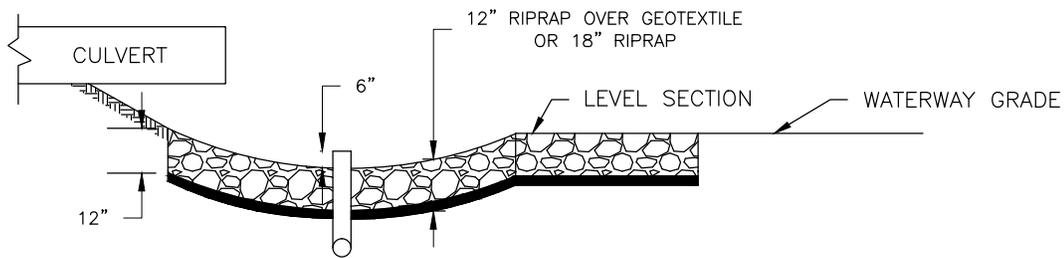
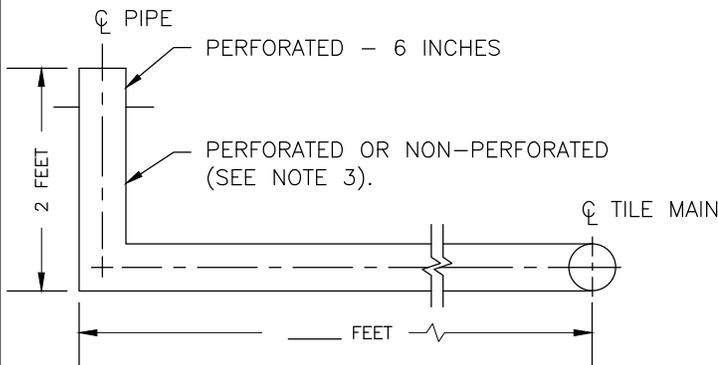


PLAN VIEW



SECTION ALONG CENTERLINE



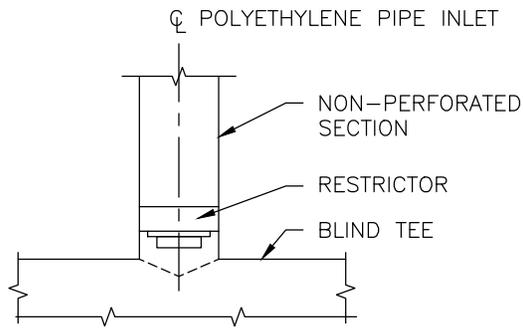
PIPE DETAILS

QUANTITIES	
EXCAVATION	_____ CU. YD.
ROCK RIPRAP	_____ CU. YD.
GEOTEXTILE NONWOVEN CLASS _____	_____ SQ. YDS.
6-INCH DIA. PIPE	_____ LIN. FT.
_____	_____

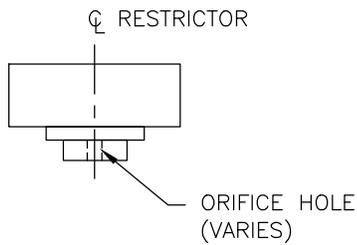
SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

NOTES:

1. 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.
2. USE AN ORIFICE PLATE TO MAINTAIN OPEN CHANNEL FLOW IN THE DOWNSTREAM PIPE.
3. IF AN ORIFICE IS NOT INSTALLED, PERFORATED PIPE MAY BE USED THROUGH THE RIPRAP SECTION AND SHALL BE WRAPPED WITH GEOTEXTILE.
4. THE OUTLET PIPE SHALL BE CONNECTED TO A TILE MAIN INSTALLED ALONG THE WATERWAY.
5. THE RIPRAP SHALL BE WELL GRADED FIELD OR QUARRY-RUN STONE WITH A MAXIMUM SIZE OF 12" AND A MINIMUM SIZE OF 2".
6. ORIFICE DIAMETER _____ INCHES

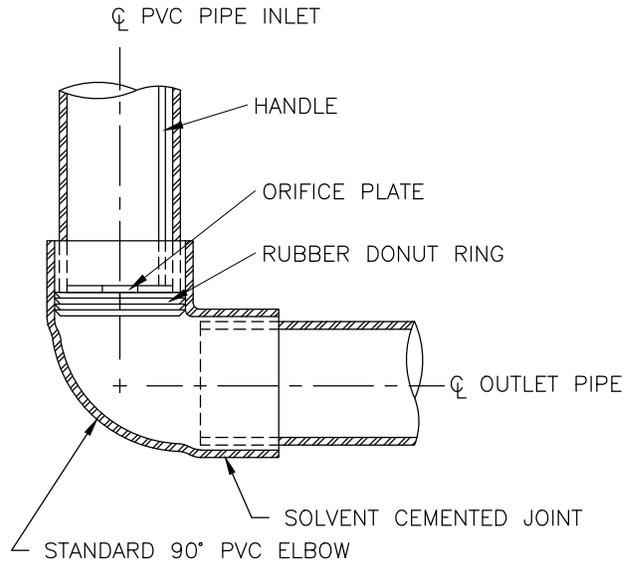


ORIFICE (RESTRICTOR) PLACEMENT DETAIL



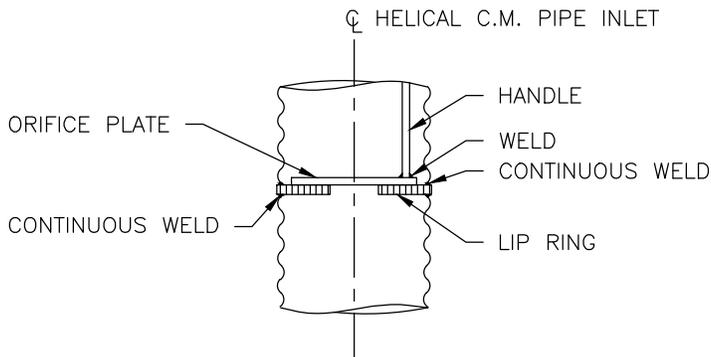
RESTRICTOR DETAIL

REFER TO DRAWING NO. WI-409



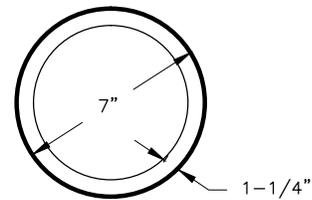
RUBBER DONUT RING ORIFICE SUPPORT

REFER TO DRAWING NO. WI-400



LIP RING AND ORIFICE PLATE DETAIL

REFER TO DRAWING NO. WI-401



LIP RING DETAIL