

CONSTRUCTION DRAWING FOR PARABOLIC GRASSED WATERWAY OR DIVERSION

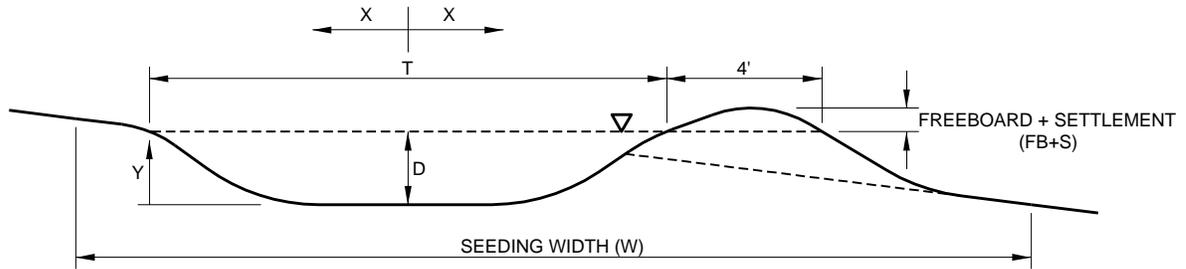
OPERATOR _____ ADDRESS _____

COMMUNITY _____ JOB APPROVAL CLASS _____

FIELD NO. _____ DESIGNED BY _____ DATE _____

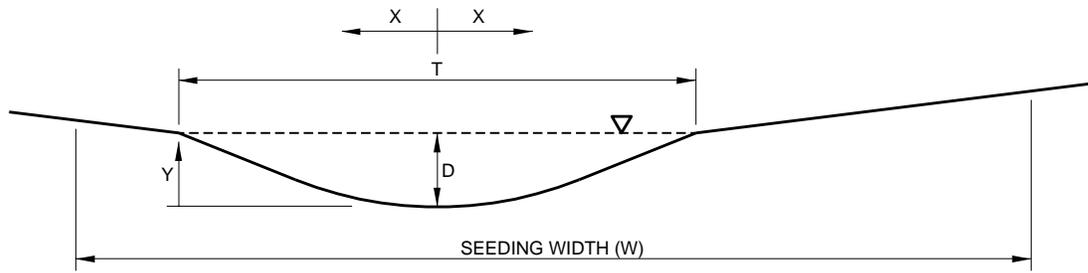
CHECKED BY _____ DATE _____

APPROVED BY _____ DATE _____



DIVERSION

NOTE: CROSS OUT THE SECTION THAT DOES NOT APPLY.



GRASS WATERWAY

LINE													
STATIONS													
LENGTH	FT.												
GRADE	%												
WIDTH (T)	FT.												
DEPTH (D)	FT.												
PARABOLIC CONSTANT (a) $a = \frac{4D}{T^2}$													
CROSS SECTION DATA **	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	
FB+S (DIVERSION ONLY)	FT.												
SEEDING WIDTH (W)	FT.												
SEEDING	AC.												

** SELECT VALUES OF (X) MEASURED IN FEET LEFT AND RIGHT OF THE CHANNEL CENTERLINE. CALCULATE $Y = aX^2$, WHERE (a) IS THE PARABOLA CONSTANT AND Y IS THE DIFFERENCE IN ELEVATION, IN FEET, BETWEEN THE CHANNEL BOTTOM AND THE POINT AT (X) FEET FROM THE CENTERLINE.

UTILITY INFORMATION:
 "THE NATURAL RESOURCES CONSERVATION SERVICE MAKES NO REPRESENTATION AS TO THE EXISTENCE OR NON-EXISTENCE OF ANY UTILITIES AT THE CONSTRUCTION SITE. SHOWN ON THESE CONSTRUCTION DRAWINGS ARE THOSE UTILITIES WHICH HAVE BEEN IDENTIFIED. IT IS THE RESPONSIBILITY OF THE LANDOWNERS OR OPERATORS AND CONTRACTORS TO ASSURE THEMSELVES THAT NO HAZARD EXISTS OR DAMAGE WILL OCCUR TO UTILITIES."