

N:\2024\240463\Drawings\ACAD\LD\S04\Sheet Drawings\240463_C3.0 GRADING PLAN.dwg 11/7/2024



N:\2024\240463\Drawings\ACAD\LD\S04\Sheet Drawings\240463_C4.0 EROSION CONTROL PLAN.dwg 11/7/2024



N:\2024\240463\Drawings\ACAD\LD\S04\Sheet Drawings\240463 C4.0 EROSION CONTROL PLAN.dwg 11/7/2024



62CTSE

621 IMT

Included with every FX+ and PC+ bag, this pouch skims hydrocarbons from the storm water Flexstorm's Patented 2 man Flexstorm Matintenance and Grate removal tool. Remove 400 lb grates and service full Flexstorm filters without the use of a machine.

**You cannot order a Flexstorm Inlet filter without a Casting #, item code, or grate and clear opening measurements

For submittal drawings, dimensional forms, videos, Operation & Maintenance procedures, and promotional materials visit www.inletfilters.com *Locate your ADS Sales rep Click here



Lay out the location of the fence so that it is parallel to the contour of the slope and at least 10 feet beyond the toe of slope to provide a sediment storage area. Turn the ends of the fence up slope such that the point of contact between the ground and the bottom of the

Install the silt fence with the filter fabric located on the up-slope side of the excavated trench and the support posts on the down-slope

A minimum of 12 inches of the filter fabric should extend into the trench. (If it is necessary to join the ends of two fences, use the wrap

Remove deposited sediment when it is causing the filter fabric to bulge or when it reaches one-half the height of the fence at its lowest

SEEDBED PREPARATION

APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEEDED. APPLY 23 POUNDS OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1000 SQ. FT. (APPROXIMATELY 1000 POUNDS PER ACRE) OR FERTILIZE ACCORDING TO TEST, APPLICATION OF 150 LBS, OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH.

WORK THE FERTILIZER AND LIME INTO THE SOIL TO A DEPTH OF 2-3 INCHES WITH A HARROW, DISK OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE. <u>SEEDING</u>

SOIL

CONDITION

WET | NORM | DRY | 풍은 | 공은 | 운은 | 문문

SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA (SEE PERMANENT SEED MIXTURE CHART). WHILE CONSIDERING BEST SEEDING DATES. IF PERMANENT SEEDING IS NOT PERMITTED USE TEMPORARY SEEDING UNTIL PERMANENT SEEDING CAN BE APPLIED. IF TOLERANCES ARE A PROBLEM, SUCH AS SALT TOLERANCE OF SEEDINGS ADJACENT TO STREETS AND HIGHWAYS, SEE SEED TOLERANCE CHART.

MED.

MED.

LOW

MED. HIGH

LOW

MED.

SOIL

TOLERANCE

GEN. SOIL SPRAY

MT

M

WET

MEN

7-21

10-20

5-14

5-10

14-21

5-10

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12-18

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20-25

20-35

24-35

15-20

5-10

7-10

NON-IRRIGATED*

WHEAT OR RYE

RED TOP GRASS

SPRING OATS

ANNUAL RYEGRASS

IRRIGATED

DORMANT SEEDING **

> TYPE WHE

RED SPR ANN

TYPE LATIN Festue

Loli
Poa
GR/
TYF
LAT
Ave

COVI



4		
tar nt)	PC	PC+
SFXP	62HDWM36PC	62HDWM36PCP
IFXP	62HDWM41PC	62HDWM41PCP
BFXP	62HDWM48PC	62HDWM48PCP
)FXP	62HDWM60PC	62HDWM60PCP
IFXP	62HDWM84PC	62HDWM84PCP
I8FXP	62HDWM4818PC	62HDWM4818PCP
ХР	62HD12PC	62HD12PCP
XP	62HD18PC	62HD18PCP
FXP	62HDR23PC	62HDR23PCP
FXP	62HDR21PC	62HDR21PCP
ХР	62HD24PC	62HD24PCP
FXP	62HD24SPC	62HD24SPCP
FXP	62HD3618PC	62HD3618PC
18FXP	62HDFCB3618PC	62HDFCB3618PCP
4FX	62HD3624PC	62HD3624PCP
24FXP	62HDFCB3624PC	62HDFCB3624PCP
XP	62HD36PC	62HD36PCP
XP	62HD48PC	62HD48PCP



54.60 95.00

SEED TOLERANCE CHART

SEEDING DETAIL

40 .9 5.8-7.5 40 5.0-7.5 170 4.0

5.5-8.3 4.0 * 1 - PREFERRED 2 - WILL TOLERATE ** INOCULATE WITH SPECIFIC INOCULANT.

LAWNS 6. KENTUCKY BLUEGRASS CREEPING RED FESCUE 7. PERENNIAL RYEGRASS (TURF TYPE) 8. TALL FESCUE

Californi



2 MEDIUM	
- NOT TOLERANT	
ia	
Id	

CREEPING RED FESCUE

FESTUCA RUBRA

KENTUCKY BLUEGRASS

POA PROTINSIS

TALL FESCUE

PERENNIAL RYEGRASS

LOLLUM PERENNE

CROWNVETCH

CORONILLA VARLA

RED CLOVER

RANKING: 1 GOOD

TRIFOLIUM PROTENSE

FESTUCA L. ARUNDINACEA

MT MEDI S SLIGHT	UM TOLERAN TOLERANCE <u>SEED T</u>	CE E OLERANCE				
SPECIES	SEEDIN	G RATE	SUITABLE pH	SI	TE SUITABILIT	ry *
	LBS/ACRE	LBS/1000 SQ. FT.		DROUGHTY	WELL DRAINED	WET
* LEVEL AND SLOPING, OPEN AREAS						-
TALL FESCUE	35	.8	5.5-8.3	2	1	2
TALL FESCUE	25	.6	5.5-8.3		1	
RED CLOVER	5	.12				
KENTUCKY BLUEGRASS	15	.4	5.8-7.5	2	1	
CREEPING RED FESCUE	15	.4				
STEEP BANKS AND CUTS $*$						
TALL FESCUE	15	.4	5.8-7.5	2	1	2
KENTUCKY BLUEGRASS	25	.6				
TALL FESCUE	35	.8	5.5-8.3	2	1	
	10	05				

SALT TOLERANCE (TO BOTH SOIL SALTS & SPRAY)

ALL FESCUE	35	.8	
ALL FESCUE	25	.6	
ED CLOVER	5	.12	
ENTUCKY BLUEGRASS	15	.4	
REEPING RED FESCUE	15	.4	
P BANKS AND CUTS $*$			
ALL FESCUE	15	.4	
ENTUCKY BLUEGRASS	25	.6	
ALL FESCUE	35	.8	
IERALD CROWNVETCH**	10	.25	
IS AND HIGH MAINTENANCE AREAS	*		

T TOLERANCE

			-	TEMPO	RARY S	EEDING	DATES	-			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC

PERMANENT SEEDING DATES

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC

IRRIGATION NEEDED DURING THIS PERIOD. TO CONTROL EROSION AT TIMES OTHER THAN IN THE SHADED AREAS. USE MULCH.

+ + + + + + + + + + + + + + + + + + +	RARY SE	EDINGS ⁺ +
E OF SEED	LBS/ACRE	REMARKS
EAT OR RYE	150 LB.	COVER SEED 1" TO 1 1/2" DEEP
TOP GRASS - Agrostis alba	1-5 LB.	COVER SEED 1/4" DEEP
ING OATS - Avena sativa	100 LB.	COVER SEED 1" DEEP
IUAL RYEGRASS - Lolium multiflorum	40 LB.	COVER SEED 1/4" DEEP

* TEMPORARY SEEDINGS TO BE ADDED TO ALL SEEDING MIXES

* PERMANENT TURF GRASS SEED MIX ***

* * * * *		* * * * * * *
E OF SEED - GRASSES		
N NAME	COMMON NAME	lbs/ACRE
uca arundinacea	Turf Type Tall Fescue	50
m perenne	Perennial Ryegrass	43
oratensis	Kentucky Bluegrass	42
SSES lbs PER ACRE	•	105
E OF SEED - COVER CROP		
N NAME	COMMON NAME	lbs/ACRE
a sativa	Seed Oats	32
m multiflorum	Annual Rye	6
ER CROP Ibs PER ACRE		38







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	STORM STR	UCTUR	RE TABLE	
STRUCTURE	DESCRIPTION	RIM	INVERT IN	INVERT OUT
ST 1	CURB INLET	RIM: 726.20	722.41 (12" NE) 721.98 (12" SE)	721.88 (12" W)
ST 2	CURB INLET	RIM: 726.20		722.53 (12" SW)
ST 3	CURB INLET	RIM: 726.20	722.31 (12" E) 723.90 (6" S)	722.21 (12" NW)
ST 4	CURB INLET	RIM: 726.20	722.53 (12" SE)	722.43 (12" W)
ST 5	YARD INLET	RIM: 726.25		723.58 (12" NW)
ST EX	EX INLET TO REMAIN (CORE NEW PIPE ENTRANCE)	RIM: 726.33	721.75 (12" E) 724.25 (6" S)	722.67 (12" W) 721.72 (24" NE)



STORMSEWER PROFILE ST 1 TO ST 2 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'

		DESCRIPTION		
	REVISIONS	NO. DATE		
	IGINAL ISSUE DATE: 11/07/2024	DATE DESCRIPTION		
	PROJECT NO.: 240463 ORI	PROJECT MANAGER: NO.	DESIGNED BY: DAM	IA DRAWN BY: PGS
E ADE ACKFILL		STORMSEWER PLAN & PROFILE	YOUNGS CREEK ADDITION	FRANKLIN INDIAN.
		1060 N Capitol Ave, Ste 6-301 Indianapolis, IN 46204	317.423.0690 phone www.v3co.com	
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PROFILE LEGEND

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EXISTING GRADE PROPOSED GRA

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