CONTRACT DRAWINGS

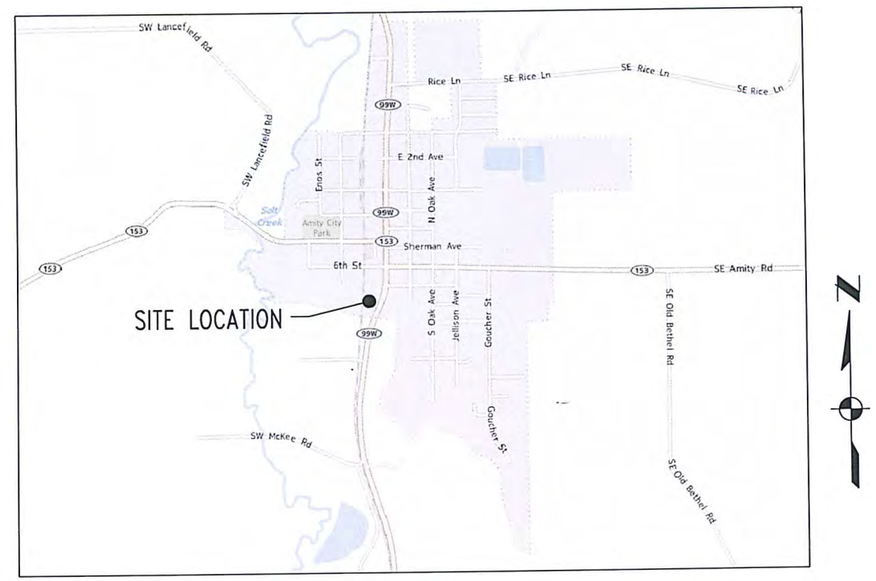
CITY OF AMITY

YAMHILL COUNTY, OREGON

TRADE STREET WATER QUALITY FACILITY

REGION MAP

NO SCALE



VICINITY MAP

NO SCALE

ABBREVIATIONS

PVC	–	POLYVINYL CHLORIDE	RT.	–	RIGHT
CONC.	–	CONCRETE	BOW	–	BACK OF SIDEWALK
EOP	–	EDGE OF PAVEMENT	GL	–	GUTTER LINE OF SIDEWALK
FOC	–	FACE OF CURB	EX.	–	EXISTING
L.F.	–	LINEAR FOOT	TC	–	TOP OF CURB
SDCB	–	STORM DRAIN CATCH BASIN	TP	–	TOP OF PAVEMENT
SDMH	–	STORM DRAIN MANHOLE	BC	–	BOTTOM OF CURB/FLOW LINE
HDPE	–	HIGH DENSITY POLYETHYLENE	R/W	–	RIGHT-OF-WAY
SD	–	STORM DRAIN	SWLK	–	SIDEWALK
EG	–	EXISTING GROUND	℄	–	CENTERLINE
FG	–	FINISH GROUND			
LT.	–	LEFT			

DRAWING INDEX

SHEET #	DRAWING TITLE
C0	COVER SHEET
C1	EXISTING CONDITIONS PLAN
C2	LAYOUT PLAN
C3	GRADING PLAN
C4	PROFILE
C5	DETAILS
C6	PLANTING PLAN

NO.	DATE	REVISION	BY	APPROVED
1	2/7/14	BIOFILTRATION SWALE REZISE	RB	CC

DESIGNED: CSR / CMC DATE:
DRAWN: PAO / RB DATE:
CHECKED: GSR / LS DATE:

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED

REGISTERED PROFESSIONAL ENGINEER 78179PE OREGON MARCH 11, 2014 LEROY L. SLEMMER
7/10/14
EXPIRES: 6-30-16

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Lacey, WA Seattle, WA Portland, OR

CITY OF AMITY
TRADE STREET WATER QUALITY FACITILY
AMITY, OREGON

COVER SHEET

SHEET NO. C0

SHEET 1 OF 7

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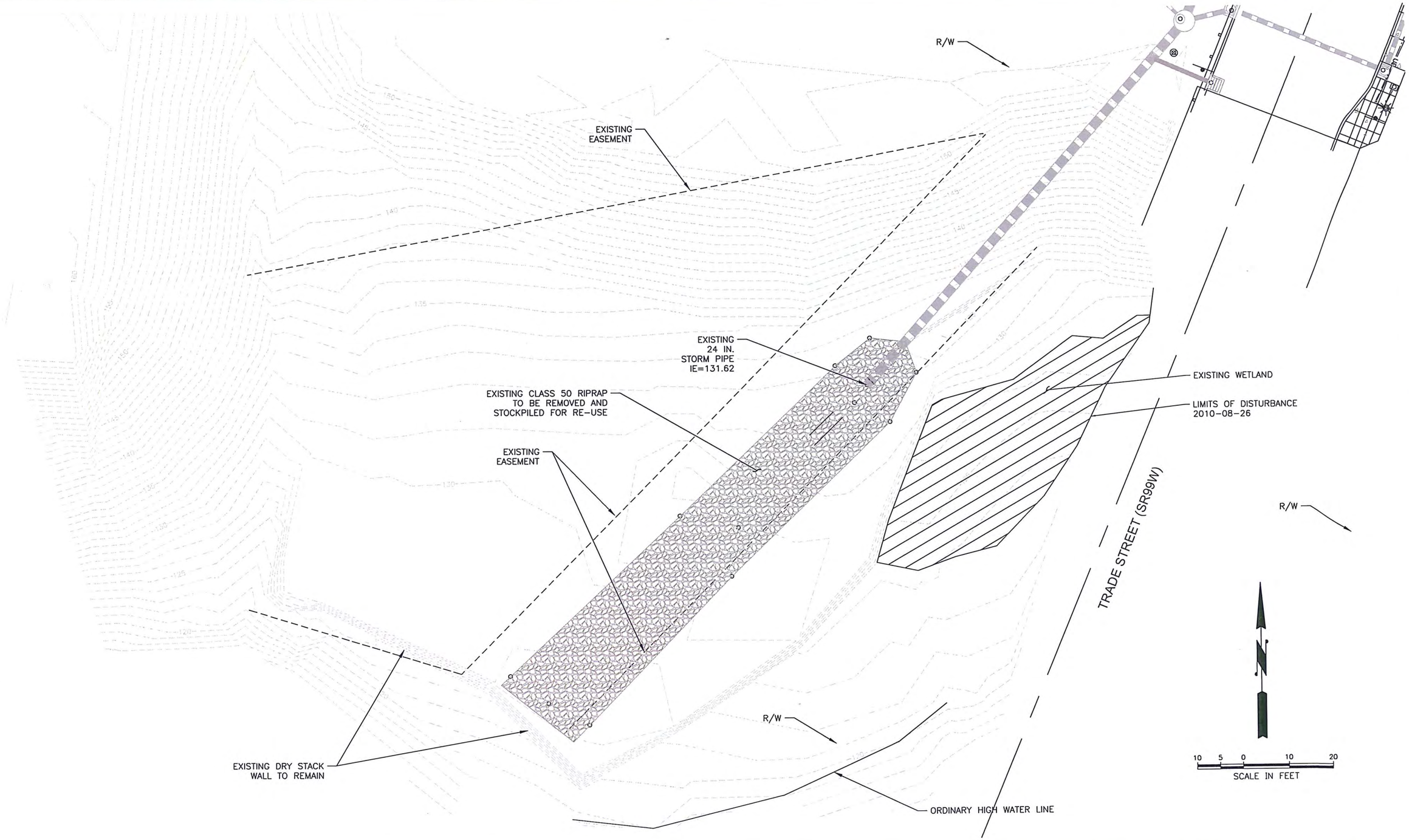

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EXISTING CONDITIONS PLAN

SHEET NO. C1

SHEET 2 OF 7

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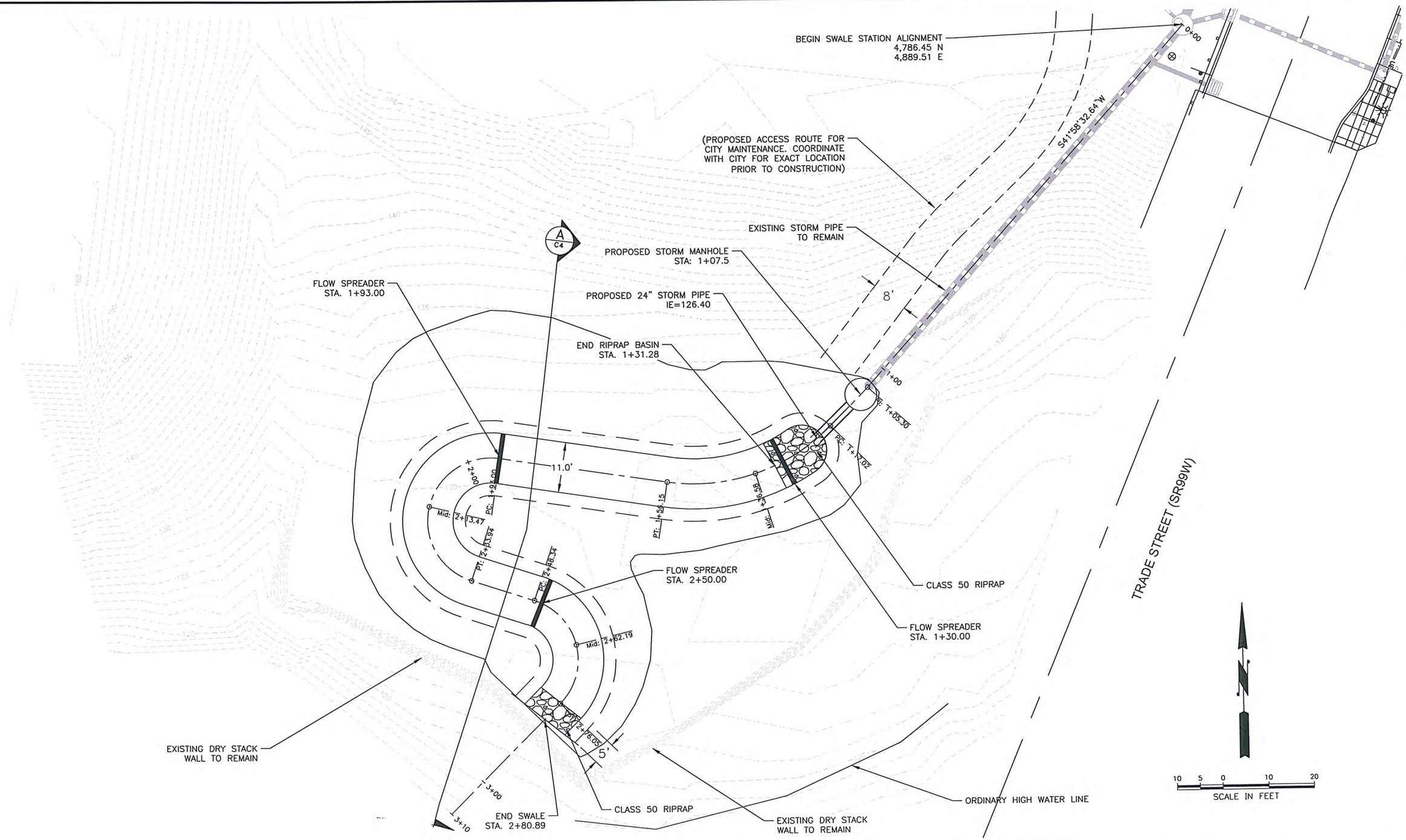

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LAYOUT PLAN

SHEET NO. C2

SHEET 3 OF 7

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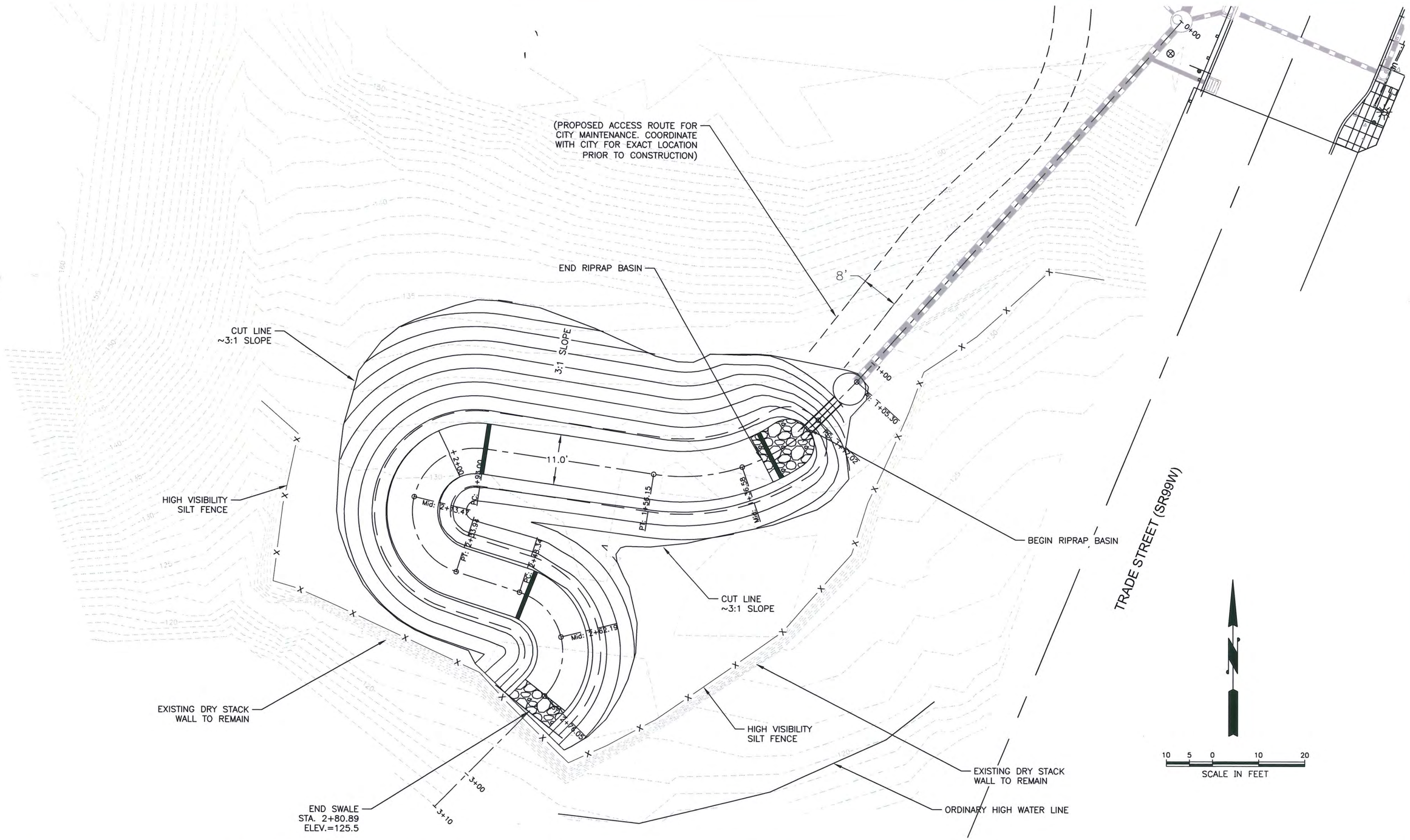

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GRADING PLAN

SHEET NO. C3

SHEET 4 OF 7

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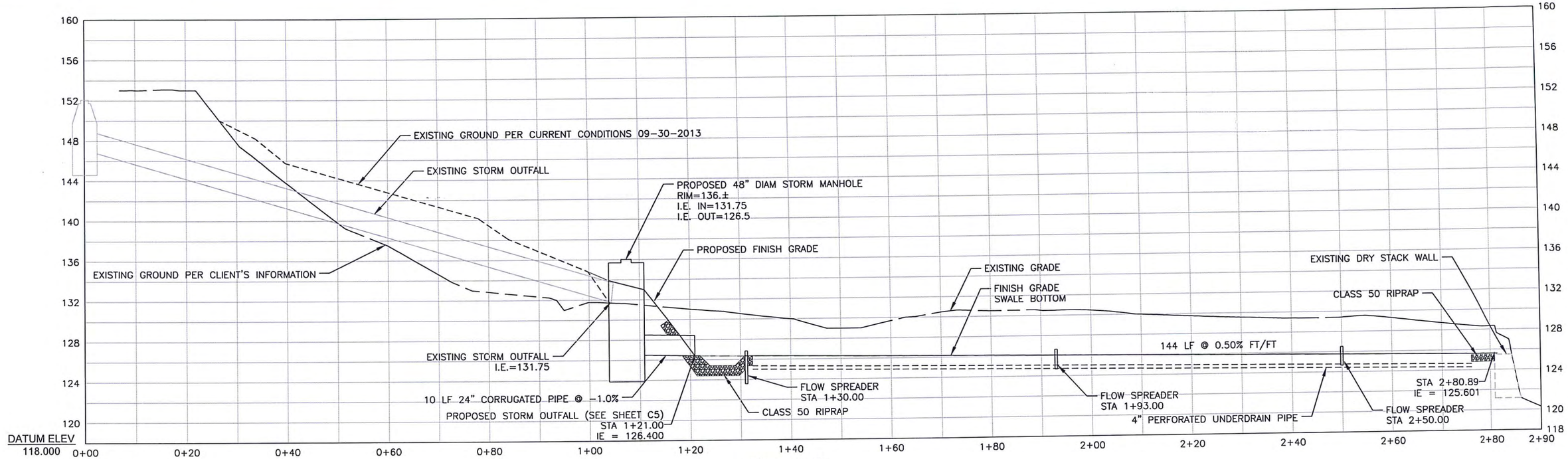
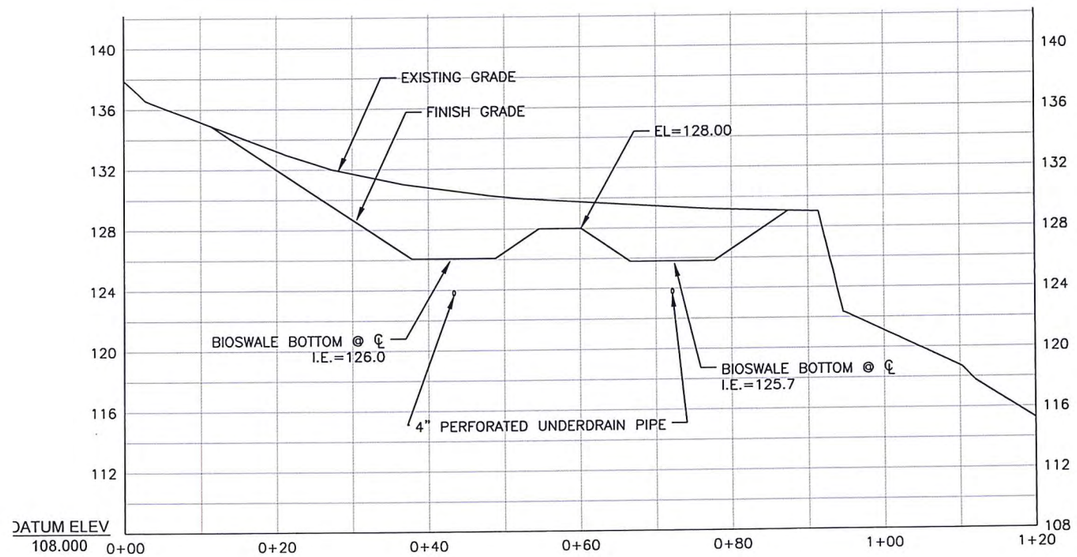


H: 1"=20'
V: 1"=5'

PROFILE



H: 1"=20'
V: 1"=5'

A / C2 SWALE SECTION
SCALE: HORZ: 1"=10', VERT: 1"=5'

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OREGON
MARCH 11, 2014
LEROY L. SLEMMER
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7/10/14

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PROFILE

SHEET NO. C4

SHEET 5 OF 7

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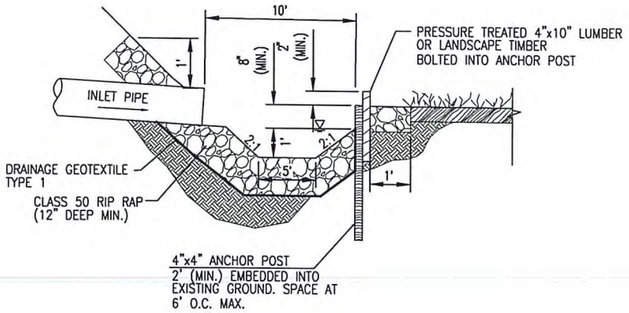
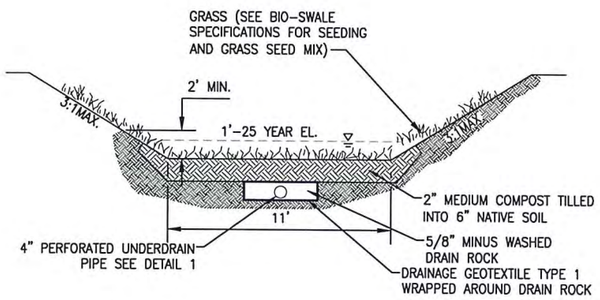


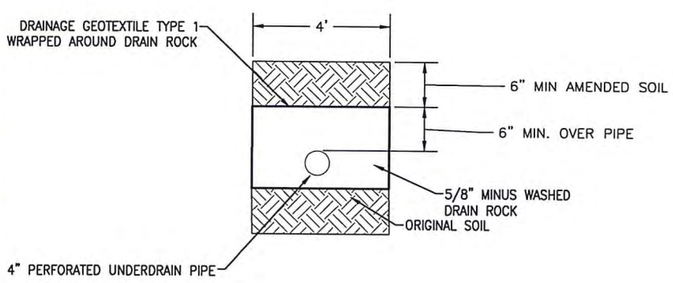
BIO-FILTRATION SWALE FLOW SPREADER SECTION & ROCK OUTFALL

NTS



BIOFILTRATION SWALE SECTION

NOTE:
UNDERDRAIN MUST INFILTRATE OR DRAIN ONLY TO END OF SWALE FOR DISCHARGE.



DETAIL 1

BIO-SWALE SPECIFICATIONS

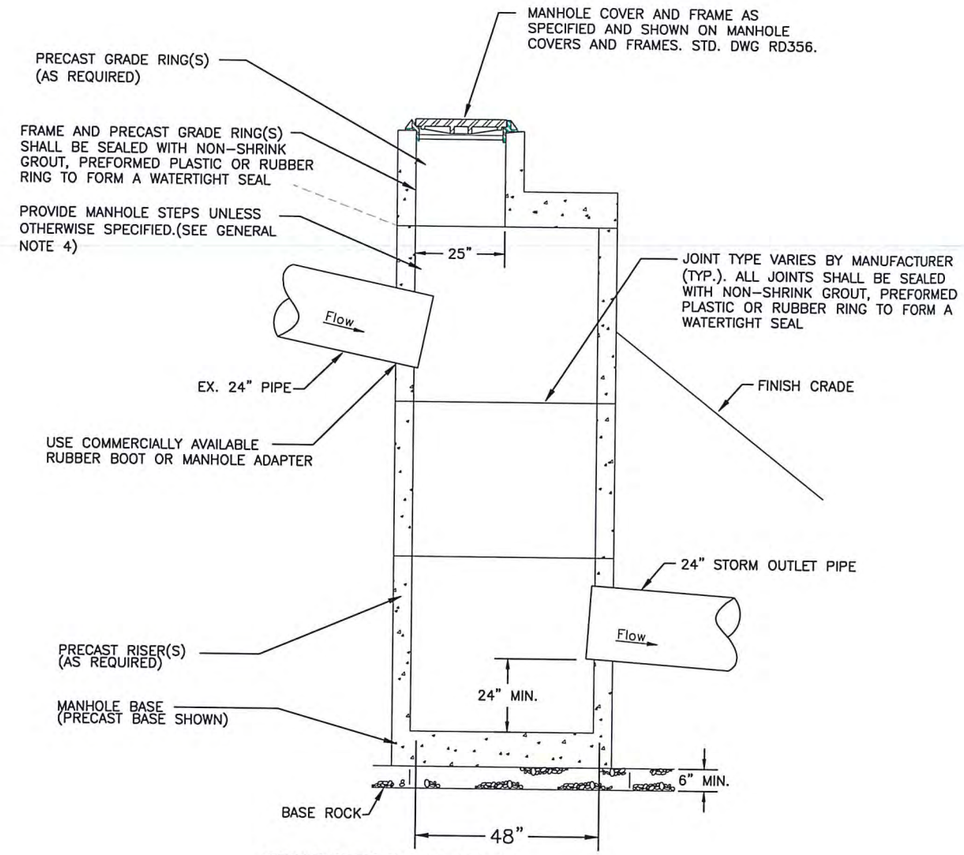
1. SEEDING SHOULD BE DONE IMMEDIATELY AFTER FINAL SHAPING IF COMPLETED DURING THE PERIODS OF APRIL 1 THRU JUNE 30 AND SEPTEMBER 1 THRU OCTOBER 31 (IF PLANTED BETWEEN JULY 1 AND AUGUST 31 IRRIGATION MUST BE PROVIDED) SITES WHICH CAN NOT BE SEEDED DURING THIS TIME PERIOD SHOULD BE PROTECTED UNTIL NEXT SEEDING PERIOD WITH MULCHING.
2. PERMANENT VEGETATION MAY BE IN THE FORM OF GRASS SEED MIXTURES, SOD OR WETLANDS SEED/TUBER MIXTURES. SEED SHALL INCLUDE THE USE OF SUPPLEMENTAL MATERIALS, SUCH AS MULCH.
3. SEEDBED PREPARATION MAY INCLUDE THE FOLLOWING:
   a. IF INFERTILE OR COARSE TEXTURE SUBSOIL WILL BE EXPOSED DURING GRADING, STOCKPILE TOPSOIL AND RESPREAD IT OVER THE FINISHED SLOPE AND ROLL IT TO PROVIDE A FIRM SEEDBED.
   b. IF CONSTRUCTION FILLS HAVE LEFT SOIL EXPOSED WITH A LOOSE, ROUGH, OR IRREGULAR SURFACE, BREAK WITH A CHISEL PLOW OR OTHER IMPLEMENT.
4. FERTILIZATION–AS PER SUPPLIERS RECOMMENDATIONS, DEVELOPMENTS ADJACENT TO WATER BODIES MUST USE NON–PHOSPHORUS FERTILIZER.
5. HYDROSEEDING APPLICATIONS WITH APPROVED SEED MULCH–FERTILIZER MIXTURES MAY ALSO BE USED.
6. SEEDING–APPLY APPROPRIATE MIXTURE TO THE PREPARED SEEDBED AT A RATE OF 80 lbs. / ACRE. COVER THE SEED WITH TOP SOIL OR MULCH NO DEEPER THAN 1/2 INCH.

GRASS SEED MIX (ZONE A)	PROPORTIONS BY WEIGHT
TALL OR MEADOW	75–80%
SEASIDE CREEPING BENTGRASS OR COLONIAL BENTGRASS	10–15%
REDTOP	5–10%

GRASS SEED MIX (ZONE B)	PROPORTIONS BY WEIGHT
DWAFT TALL FESCUE	40%
DWAFT PERENIAL RYE "BARCLAY"	30%
RED FESCUE	25%
COLONIAL BENTGRASS	5%

SWALE VEGETATION (ZONE A)

# OF PLANTS	PLANT TYPE	PER SQUARE FEET	SIZE	SPACING DENSITY (ON CENTER)
25	HERBACEOUS PLANTS	100	1 GALLON	1'–0"
4	SMALL SHRUBS	100	1 GALLON	3'–0"



GENERAL NOTES FOR ALL DETAILS:

1. ALL PRECAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF ASTM C478.
2. STANDARD PRECAST MANHOLE SECTION DIAMETER SHALL BE 48".
3. SEE STD. DRG. RD344 FOR MANHOLE BASE SECTION, FOR DETAILS NOT SHOWN.
4. SEE STD. DRG. RD336 FOR MANHOLE STEPS DETAILS, AND FLAT SLAB TOP ORIENTATION.

MANHOLE DETAIL 2

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EXPIRES: 6-30-16
10/9/15

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DETAILS

SHEET NO. C5

SHEET 6 OF 7

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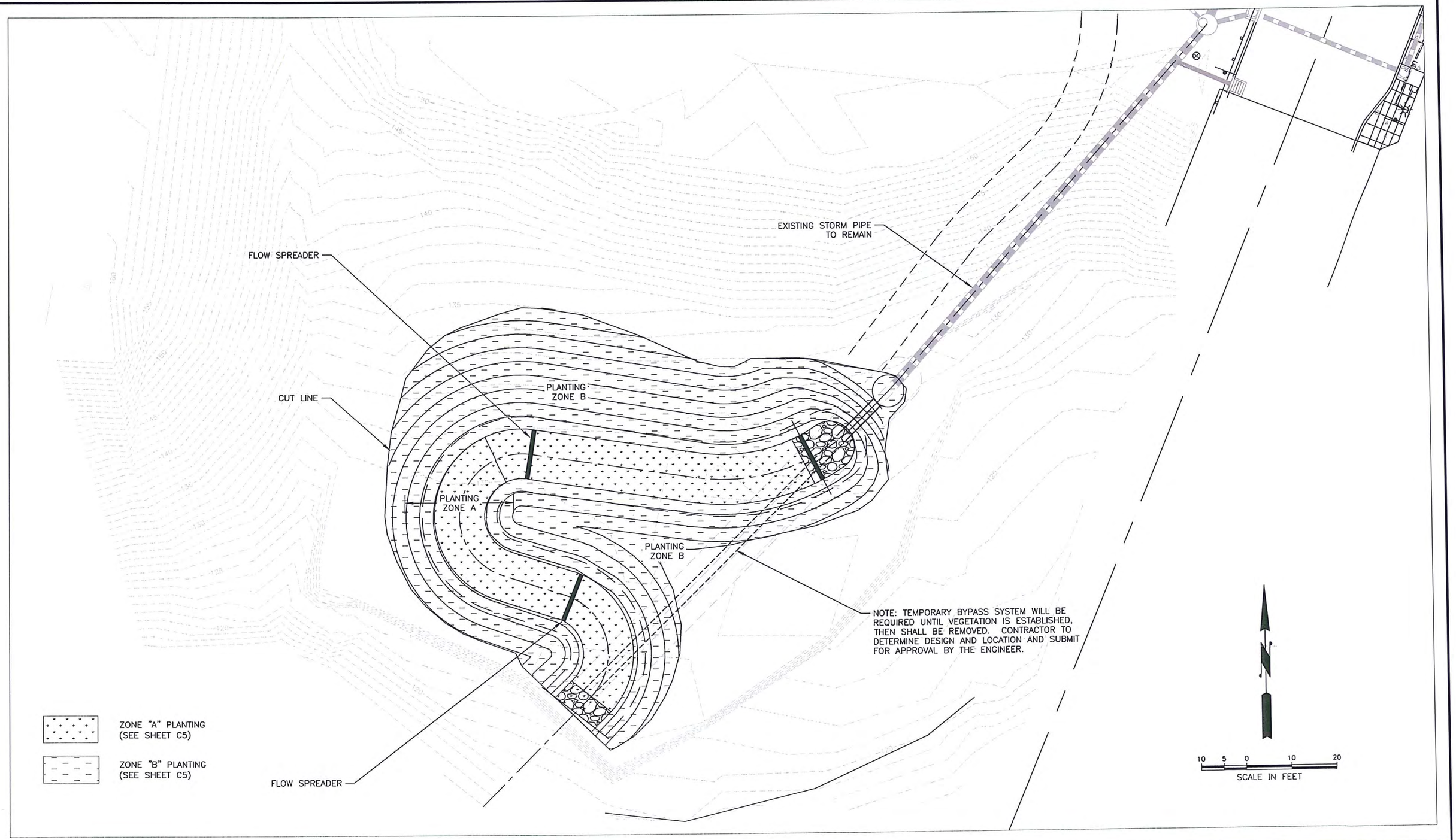

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PLANTING PLAN

SHEET NO.
C6
SHEET 7 OF 7

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