NOTES:
THE IMAGES SHOWN ARE ONLY SCHEMATIC REPRESENTATIVES OF THE PROPOSED FINAL CONDITIONS AND THEREFORE SUBJECT TO DESIGN CHANGES.

DATE: 08/23/21

DES. KUO DWN. BJR

SCALE: AS SHOWN

PROJECT/FILE NO. VC0626C SHEET NO. Board of Zoning .

District of Columb...

CIVOS 10. 20643



VIEW FROM NORTH SIDE ALLEY INTO SITE



VIEW FROM NEBRASKA AVE NW 2 CIV0680



VIEW FROM EAST SIDE INTO SITE CIV0690



VIEW FROM WESTERN ACCESS DRIVE INTO SITE CIV0690 N.T.S.



VIEW FROM CENTER OF FIELDS LOOKING NORTH CIV0690 N.T.S.

NOTES:
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VIKA CAPITOL REVISIONS

DATE DESCRIPTION

**NOTE

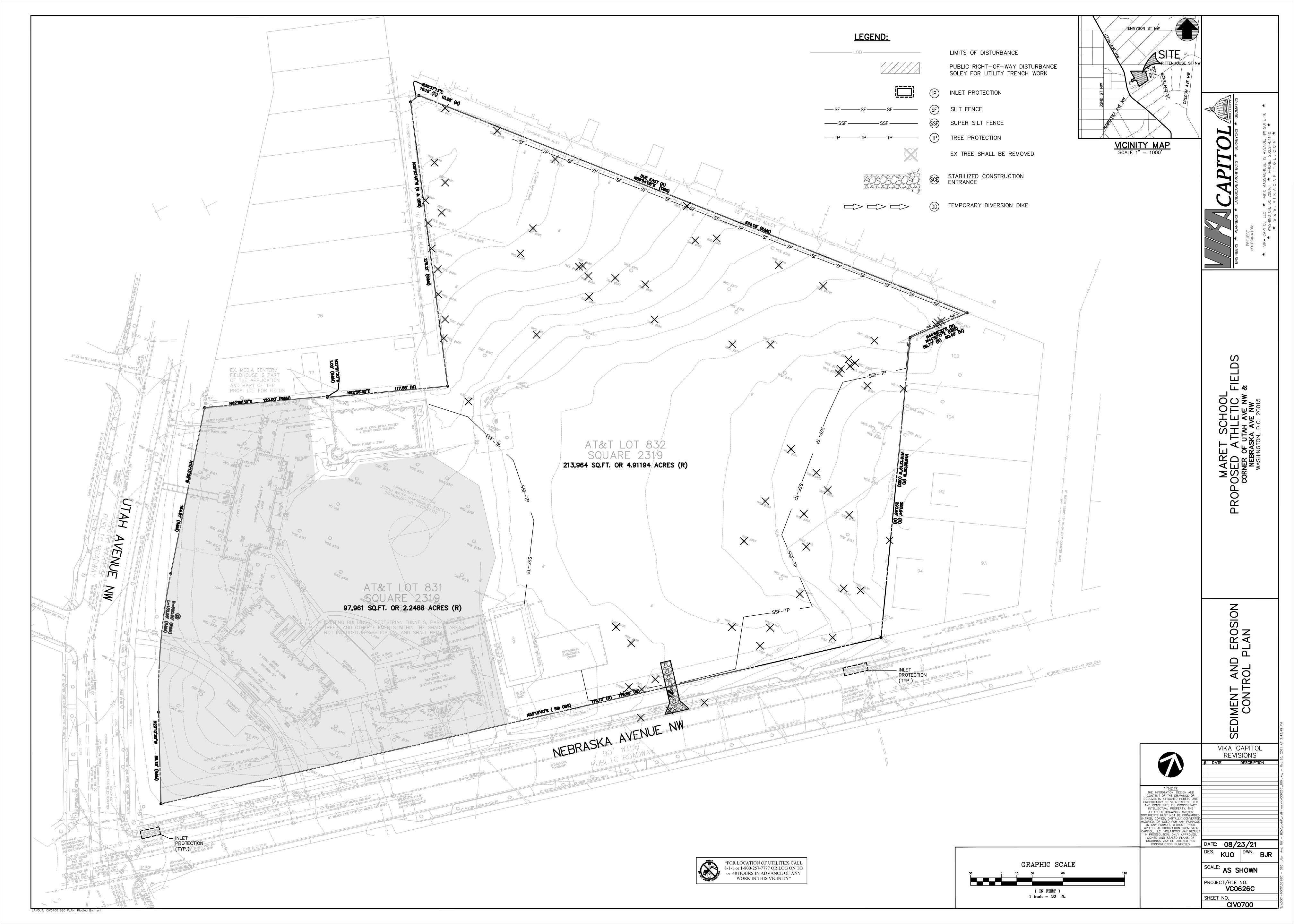
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DATE: 08/23/21 DES. KUO DWN. BJR

RENDERED ELEVATIONS

SCALE: AS SHOWN PROJECT/FILE NO. VC0626C

SHEET NO. CIV0690



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SCALE: AS SHOWN PROJECT/FILE NO. VC0626C SHEET NO.

CIV0910

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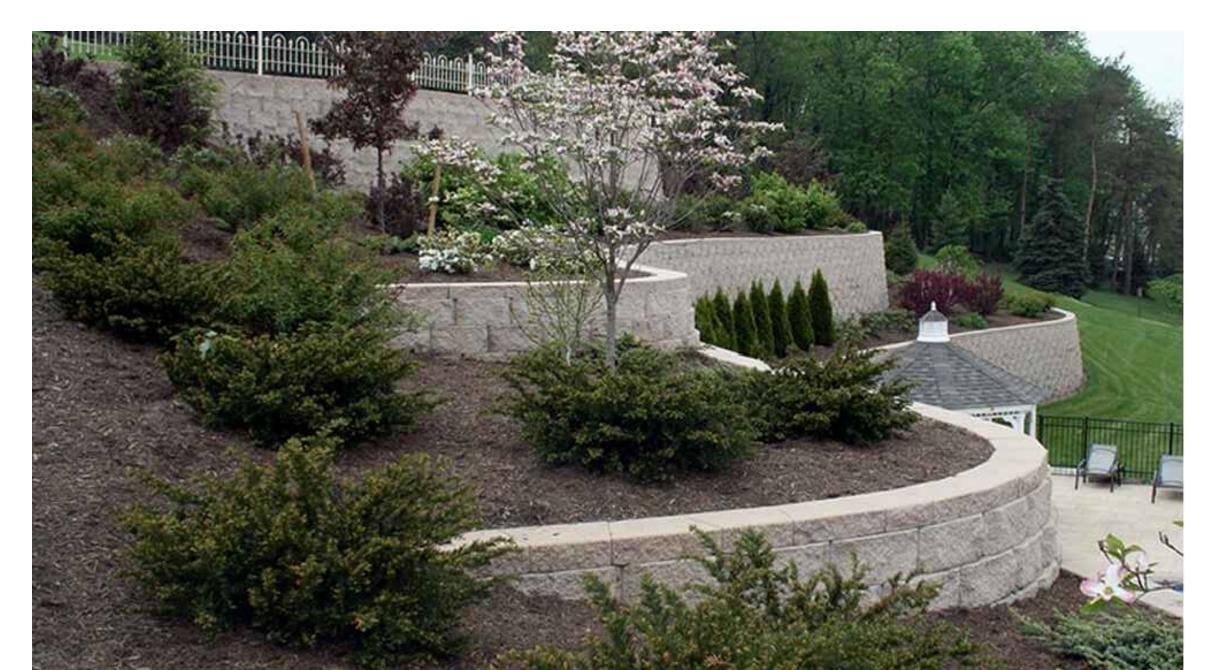
SEATING EXAMPLES BUILT INTO SLOPE

CIV0910 N.T.S.







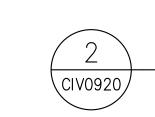


RETAINING WALL EXAMPLE IMAGES (2) CIV0910

CHAIN LINK FENCE FOR AROUND SITE IMAGE EXAMPLES

SPORTS FIELD NETTING IMAGE EXAMPLES



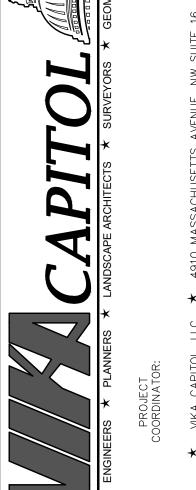


TYPICAL VEHICULAR GUARDRAIL IMAGE EXAMPLES



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DATE: **08/23/21**DES. **KUO** DWN. **BJR**

SCALE: AS SHOWN PROJECT/FILE NO. VC0626C

CIV0920

SHEET NO.

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DATE DESCRIPTION

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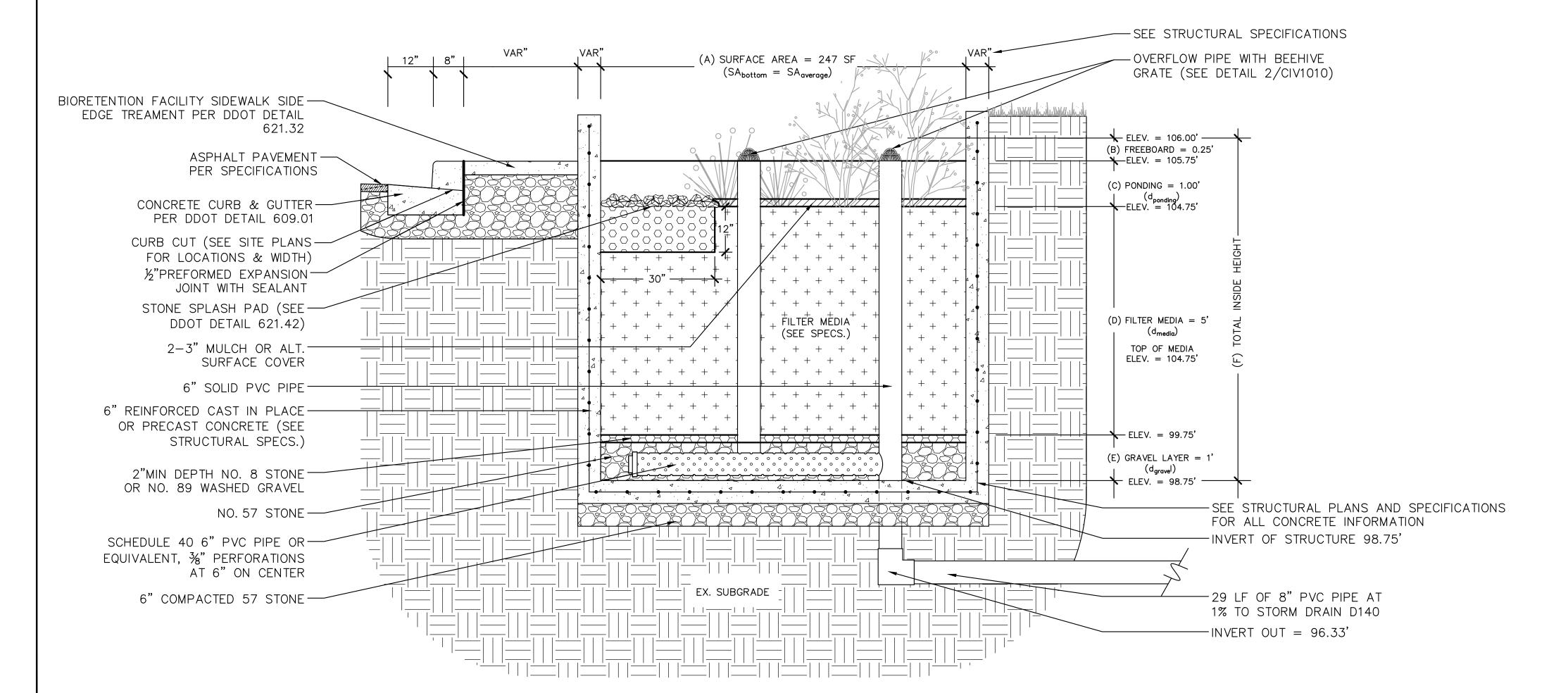
3 SPC CIV0920 N.T.S.

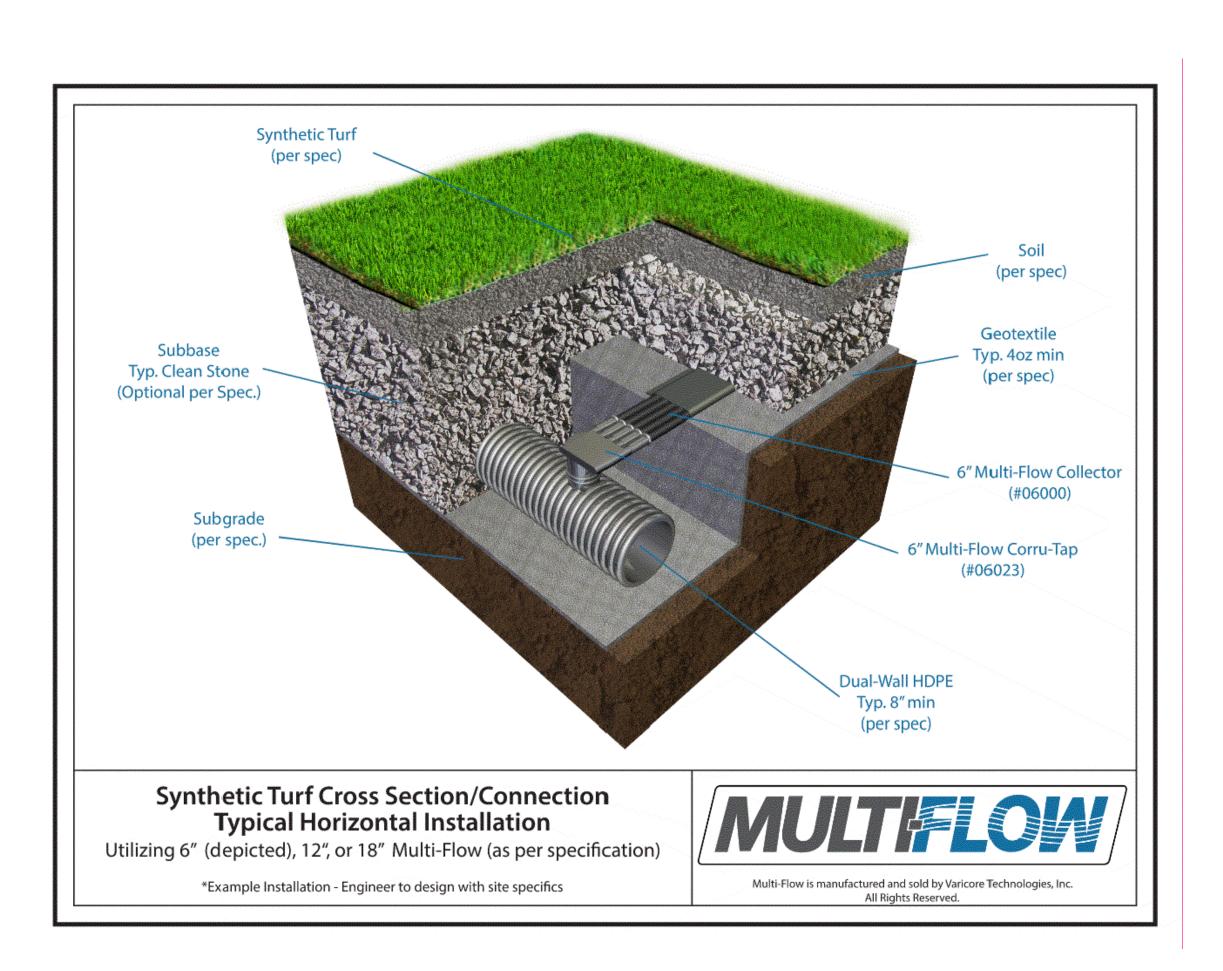
SWRv						
Total Area =			310			
Post-project Land Cover				SDA 1	SDA 2	SDA
Major Substantial Improvement =	0			0	0	0
Natural Cover =	0			0	0	0
Compacted Cover =	72,557			0	0	0
Impervious Cover =	28,061			0	0	0
BMP Cover =	3,390	20		0	0	0
Total Disturbed Area =	104,008			0	0	0
SWRv =	4,802	CF				1
	35,917	Gallons				
On-site Retention Achieved =	4,882	CF	101.66	%	-	
	36,514	Gallons				
SRC Eligibility =	597	Gallons				
Storage Volume of BMP's =	8136	CE				V.

	r '1	1	ř	ľ				
Weighted CN	S	Ta	Target Rainfall Event					
=		2-yr storm	15-yr storm	100-yr storm				
89.51826524	1.17	3.2	5.2	8.37				
			9					
Runoff Volume (in)	with no BMP's =	2.13	2.13 4.02					
Runoff Volume w/	BMP's =	0.61	2.51	5.60				
Adjusted CN =		65	74	77				

BIORETENTION

	Contributing Draina	ge Areas											
	7.51	Natural Cover		sq ft			101.66	î î					
		Compacted Cover	49504						<u> </u>				
		Impervious Cover	28061	sq ft									
		BMP Cover	3390						Į.				
		Runoff	5986.0	ft ³				7. 10.					
$v = SA_{hot}$	$\int_{tom} x \left[\left(d_{media} x \eta_{media} \right) + \right]$	$\frac{[(d_{gravel} \times \eta_{gravel})] + (SA_{average} \times d_{pon})}{[(d_{gravel} \times \eta_{gravel})]}$	ding)										
	Sv = Storage Volume	garage pos											
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Bottom Surface Area ((SA _{bestrom})	3390	ft ²									
- 3	Depth of Filter Media		-	ft									
7	Filter Media Effective Porosity (ŋmedia)		0.25	3			40						
	Depth of Gravel Layer (dgravel)		1	ft									
**	Gravel Layer Effective		0.4										
	Average Surface Area (SA _{average})		3390	ft ²	1/2x(te	p area+bottor	n area)				Infiltration	Storage Vo	lume
Į,	Max. Ponding Depth (dponding)		0.75	ft									
	Freeboard		0.25	ft					Į.				
-	Field verfied Infiltration rates (in/hr)		0	in/hr							svinf = SA	bottom*(i/2	*td)/1:
*	Sv	8136.0	ft ³		60861	,51072					svinf	0	
	60% RV Standard BR 100% RV Enhanced BR		Underdrain	 + < 24" fil	ter media				11			ji J	
				Infiltrate in 72hr OR Underdrain + 24" filter media + Sump					Sump Design				
	Infiltratable Volume		0	CF									
			0	gallons							dsump = (i	/2*td)/(ŋr)	W.
				Max. Rv e	ligible for d	iscount is Rv	1.2"						
	RV Standard	4881.6	ft ³								dsump	0	
	RV _{Enhanced}	5986.0	ft ³										
	RV Stundard	36514	gallons	<i>C</i> .								c	V.
	RVEnhanced	44776	gallons					1			i i	3	





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STORMWATER
AANAGEMENT NOT
AND DETAILS

VIKA CAPITOL REVISIONS

DATE: 08/23/21

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1 SCALE: AS SHOWN

CIV1100

PROJECT/FILE NO. VC0626C

SHEET NO.

