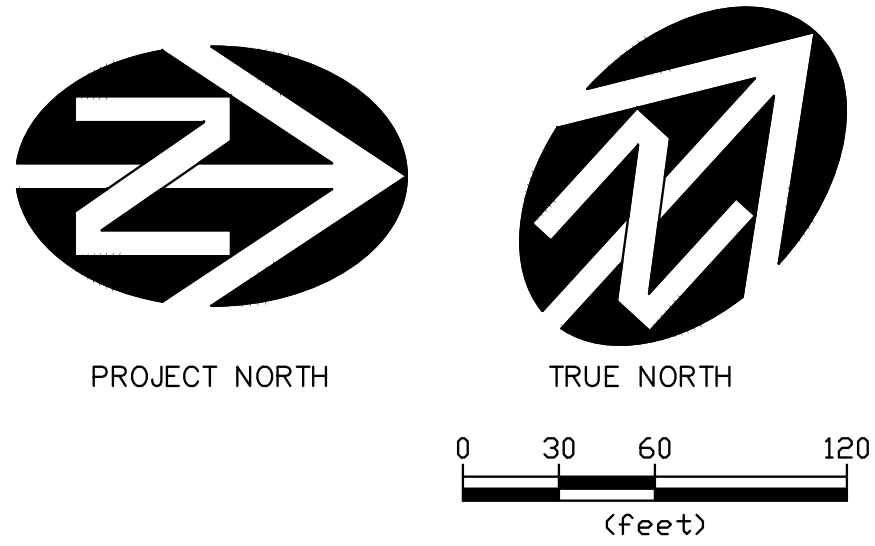


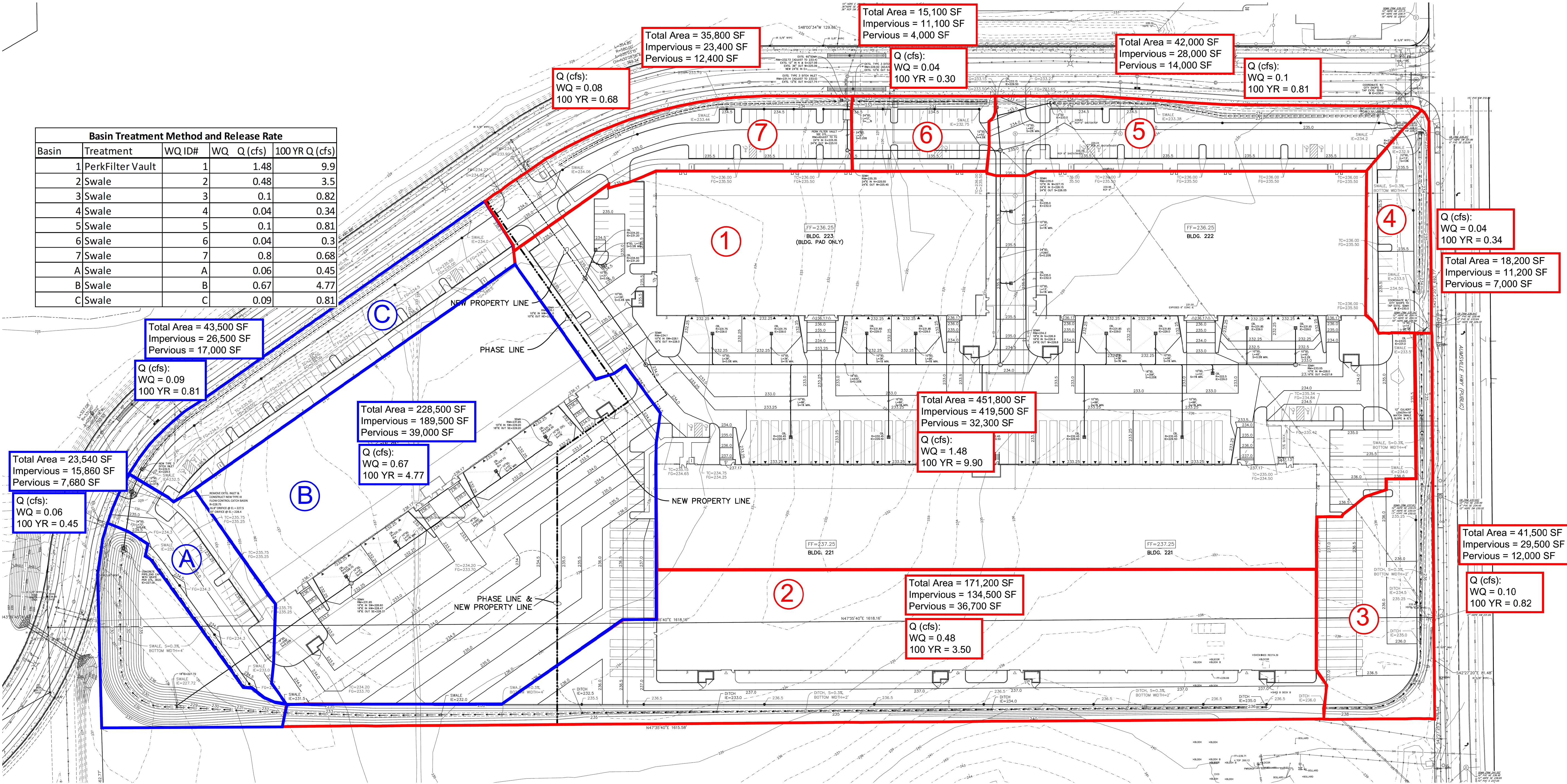
1/14/2022 1:02:00 PM
C:\Westech\DWG\Project\Truax Drive-Onsite\C3.7 OA Stormwater Management Plan.dwg (C3.7 tab)

WQ Sizing									
ID #	Length	Bottom Width (ft)	Slope (%)	Res. Time (min)	Max WQ Vel. (fps)	WQ Flow Depth (ft)	100 YR Flow Depth (ft)	WQ Q (cfs)	100 YR Q (cfs)
1		8' x 16' vault		12" + 18" Cartridges		24 Cartridges		1.48	9.9
2	150	3	0.3	13.9	0.18	0.55	1.53	0.48	3.5
3	100	2	0.3	13.9	0.12	0.29	0.86	0.1	0.82
4	100	2	0.3	18.5	0.09	0.17	0.55	0.04	0.34
5	100	2	0.3	13.9	0.12	0.28	0.85	0.1	0.81
6	100	2	0.3	18.5	0.09	0.17	0.52	0.04	0.3
7	100	2	0.3	15.2	0.11	0.26	0.79	0.08	0.68
A	100	2	0.3	16.7	0.1	0.2	0.64	0.06	0.45
B	200	2	0.3	16.7	0.2	0.74	1.88	0.67	4.77
C	100	2	0.3	15.2	0.11	0.28	0.85	0.09	0.81
2B*	250	5	0.3	19.8	0.21	0.69	1.99	1.13	7.98

*Combined Swale for basins 2 and B



Basin Treatment Method and Release Rate				
Basin	Treatment	WQ ID#	WQ Q (cfs)	100 YR Q (cfs)
1	PerkFilter Vault	1	1.48	9.9
2	Swale	2	0.48	3.5
3	Swale	3	0.1	0.82
4	Swale	4	0.04	0.34
5	Swale	5	0.1	0.81
6	Swale	6	0.04	0.3
7	Swale	7	0.8	0.68
A	Swale	A	0.06	0.45
B	Swale	B	0.67	4.77
C	Swale	C	0.09	0.81



VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
SCALE, SCALE
ACCORDINGLY

1"
0

DSN. JW
DRN. TN
CKD. JW

NO. 1
DATE: JAN. 2022

DESCRIPTION
REVISIONS

BY

PROFESSIONAL
ENGINEER
REVIEW
WILLIAM J. WELLS
REV. 12/20/2022
REVISIONS: 6/30/2022

WESTECH ENGINEERING, INC.
CONSULTING ENGINEERS AND PLANNERS

3841 Fairview Industrial Dr. S.E., Suite 100, Salem, OR 97302
Phone: (503) 585-2474 Fax: (503) 585-3986
E-mail: westech@westech-eng.com

PACTRUST - MCCO TRUAX PROPERTY
TRUAX DRIVE ONSITE DEVELOPMENT PLANS

OVERALL STORMWATER
MANAGEMENT PLAN

DRAWING
C3.7

JOB NUMBER
3073.0000.0