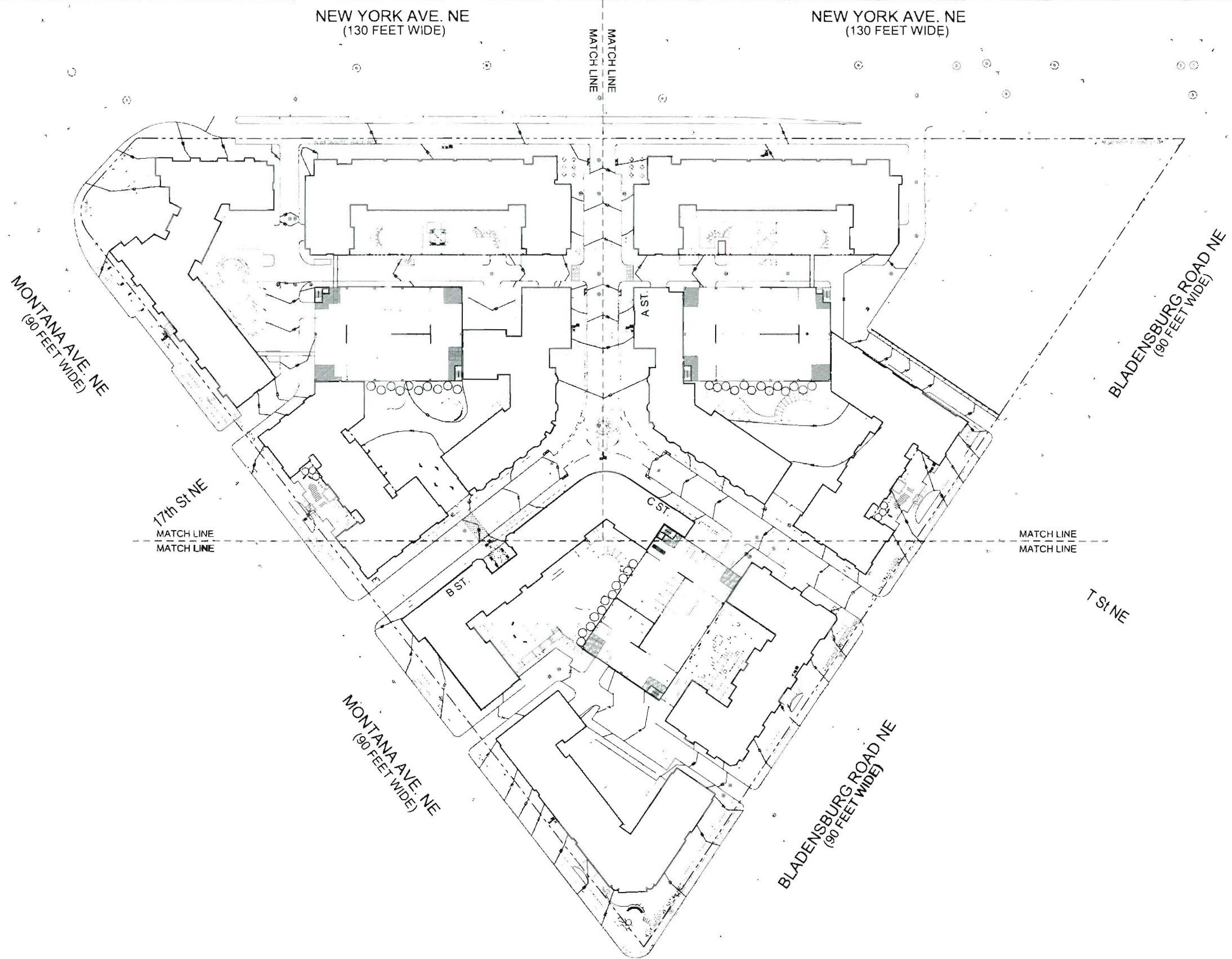




C1.04 OVERALL GRADING PLAN



NEW YORK AVE. NE
(130 FEET WIDE)

MATCH LINE
MATCH LINE

MONTANA AVE. NE
(90 FEET WIDE)

17th St NE

MATCH LINE
MATCH LINE

C1.04A GRADING PLAN - WEST

NEW YORK AVE. NE
(130 FEET WIDE)

MATCH LINE
MATCH LINE

BLADENSBURG ROAD NE
(90 FEET WIDE)

A ST.

C ST.

MATCH LINE
MATCH LINE

C1.04B GRADING PLAN - EAST

MATCH LINE
MATCH LINE

MATCH LINE
MATCH LINE

MONTANA AVE. NE
(90 FEET WIDE)

BLADENSBURG ROAD NE
(90 FEET WIDE)

S St NE

C1.04C GRADING PLAN - SOUTH

MAURICE WALTERS ARCHITECT, PC
TORTI GALLAS AND PARTNERS, INC

ABDO NEW YORK, LLC
WLES MENSCH CORPORATION

ARBOR PLACE

NEW YORK AVE. NE
(130 FEET WIDE)

MATCH LINE
MATCH LINE

MONTANA AVE. NE
(90 FEET WIDE)

17th St NE

MATCH LINE
MATCH LINE

N 88°36'50" E 764.91 REC

L=63.42
R=45.00
N 41°23'00" E 88.71 REC

N 39°23'30" W 1170.86 REC

C1.05A UTILITY PLAN - WEST

NEW YORK AVE. NE
(130 FEET WIDE)

MATCHLINE
MATCHLINE

N 88°36'50" E 1360.83 REC

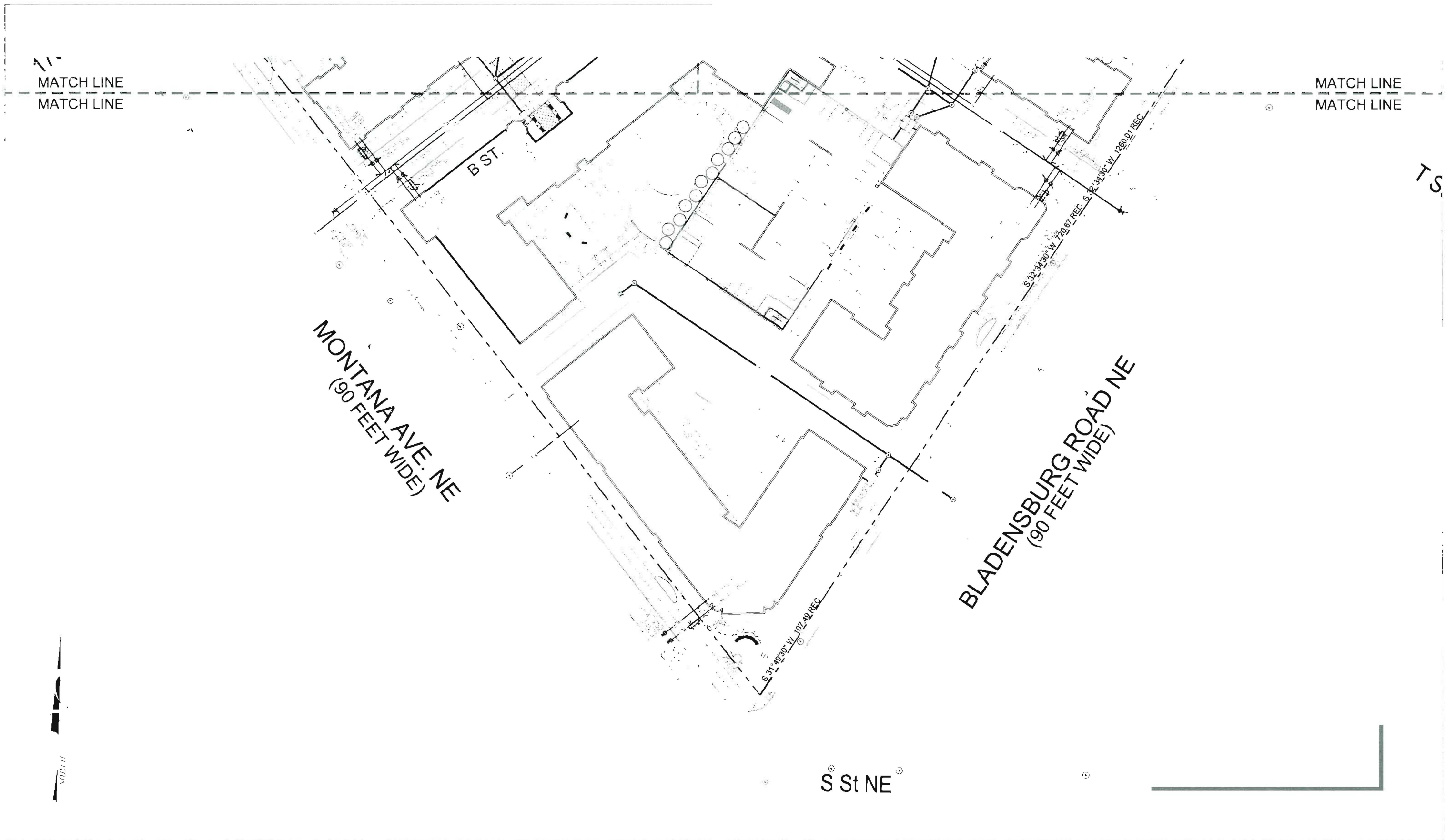
BLADENSBURG ROAD NE
(90 FEET WIDE)

A ST.

C ST.

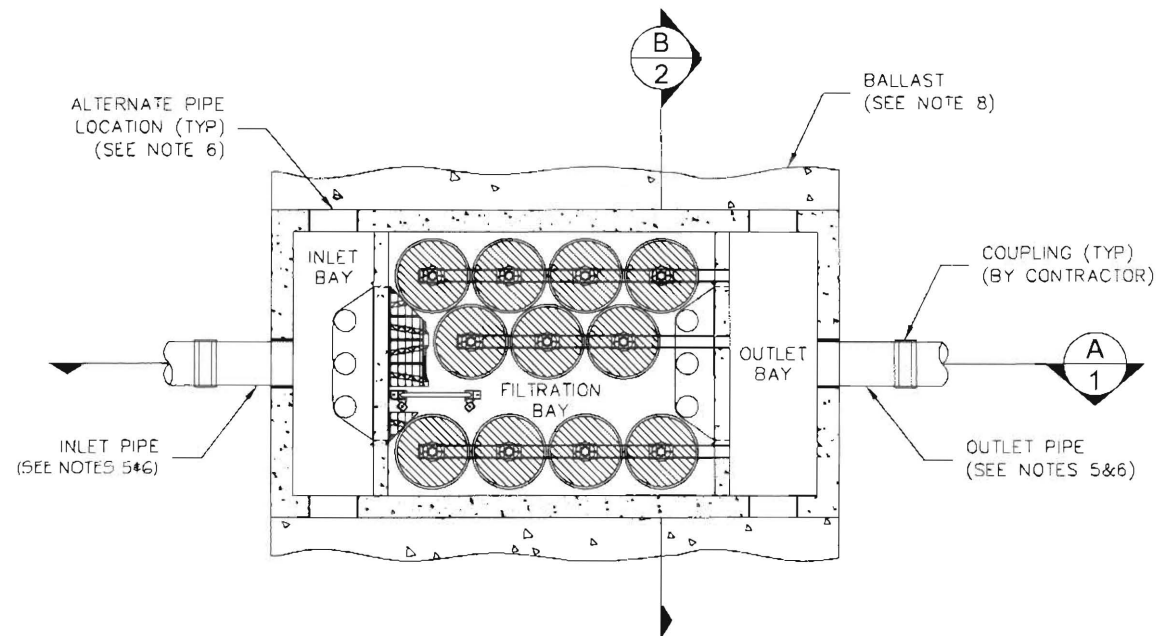
MATCH LINE
MATCH LINE

C1.05B UTILITY PLAN - EAST

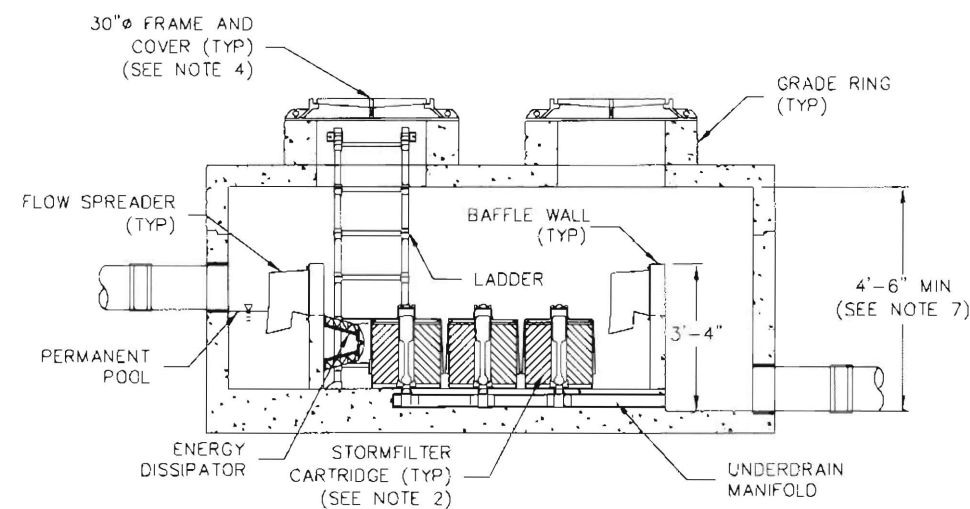


C1.05C UTILITY PLAN - SOUTH





6' x 12' STORMFILTER - PLAN VIEW 1
1

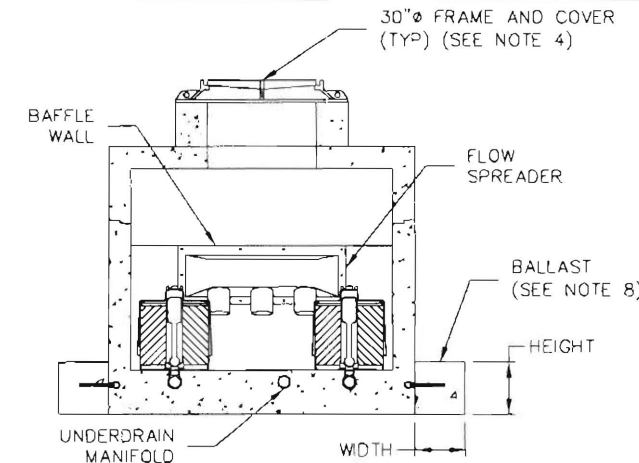


6' x 12' STORMFILTER - SECTION VIEW A
1

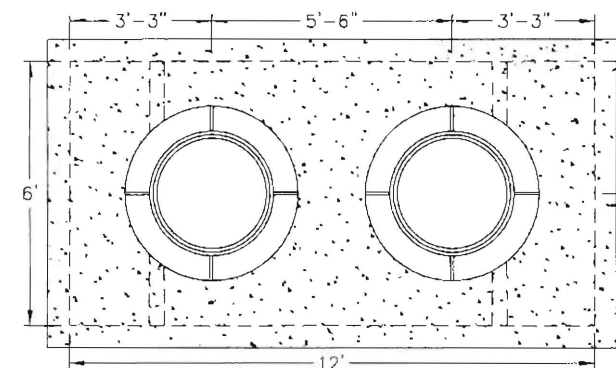
6' x 12' PRECAST STORMFILTER
PLAN AND SECTION VIEWS
STANDARD DETAIL

GENERAL NOTES

- 1) STORMFILTER BY CONTECH STORMWATER SOLUTIONS, PORTLAND, OR (800) 548-4667, SCARBOROUGH, ME (877) 907-8676; ELK RIDGE, MD (866) 740-3318.
- 2) FILTER CARTRIDGE(S) TO BE SIPHON-ACTUATED AND SELF-CLEANING. STANDARD DETAIL DRAWING SHOWS MAXIMUM NUMBER OF CARTRIDGES. ACTUAL NUMBER REQUIRED TO BE SPECIFIED ON SITE PLANS OR IN DATA TABLE BELOW.
- 3) PRECAST VAULT TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C857 AND C858. DETAIL DRAWING REFLECTS DESIGN INTENT ONLY. ACTUAL DIMENSIONS AND CONFIGURATION OF STRUCTURE WILL BE SHOWN ON PRODUCTION SHOP DRAWING.
- 4) STRUCTURE AND ACCESS COVERS TO MEET AASHTO H-20 LOAD RATING.
- 5) STORMFILTER REQUIRES 2.3 FEET OF DROP FROM INLET TO OUTLET. IF LESS DROP IS AVAILABLE, CONTACT CONTECH STORMWATER SOLUTIONS.
- 6) INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR. PRECAST STORMFILTER VAULT EQUIPPED WITH EITHER CORED OPENINGS OR KNOCKOUTS AT INLET AND OUTLET LOCATIONS.
- 7) PROVIDE MINIMUM CLEARANCE FOR MAINTENANCE ACCESS. IF A SHALLOWER SYSTEM IS REQUIRED, CONTACT CONTECH STORMWATER SOLUTIONS FOR OTHER OPTIONS.
- 8) ANTI-FLOTATION BALLAST TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR, IF REQUIRED. BALLAST TO BE SET ALONG ENTIRE LENGTH OF BOTH SIDES OF THE STRUCTURE.
- 9) ALL STORMFILTERS REQUIRE REGULAR MAINTENANCE. REFER TO OPERATION AND MAINTENANCE GUIDELINES FOR MORE INFORMATION.

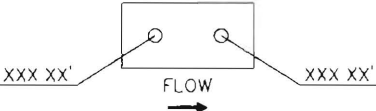


6' x 12' STORMFILTER - SECTION VIEW B
2



6' x 12' STORMFILTER - TOP VIEW 1
2

6' x 12' PRECAST STORMFILTER
TOP VIEW, SECTION VIEW AND NOTES
STANDARD DETAIL

6' x 12' PRECAST STORMFILTER DATA			
STRUCTURE ID			XXX
WATER QUALITY FLOW RATE (cfs)			X.XX
PEAK FLOW RATE (cfs)			X.XX
RETURN PERIOD OF PEAK FLOW (yrs)			XXX
# OF CARTRIDGES REQUIRED			XX
CARTRIDGE FLOW RATE (15 OR 7.5 gpm)			XX
MEDIA TYPE (CSF, PERLITE, ZPG)			XXXXX
RIM			
			
LADDER			
ANTI-FLOTATION BALLAST		WIDTH	YES/NO
		XX"	HEIGHT
			XX"
NOTES/SPECIAL REQUIREMENTS:			

C1.07 STORM WATER MANAGEMENT DETAILS