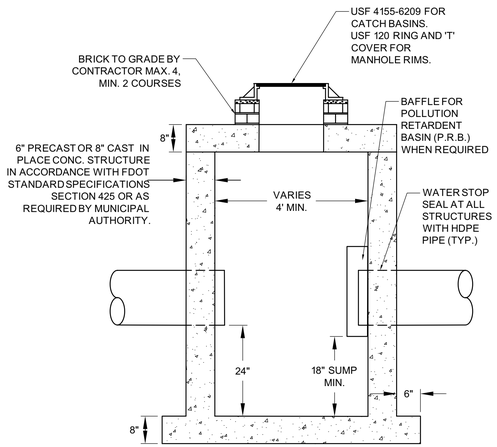
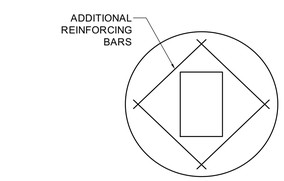


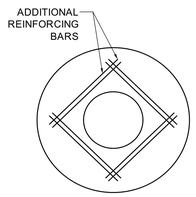
NOTES:
1. STRUCTURE MANUFACTURER AND/OR CONTRACTOR SHALL CONFIRM ALL STEEL REINFORCEMENT MEETS FDOT STANDARDS PER INDEX 425-010, SECTION 415 AND 425 PRIOR TO SUBMITTING ANY SHOP DRAWINGS FOR APPROVAL.
2. LOCKING GRATES TO BE PROVIDED.

9 CATCH BASIN / DRAINAGE MANHOLE DETAIL

NOT TO SCALE



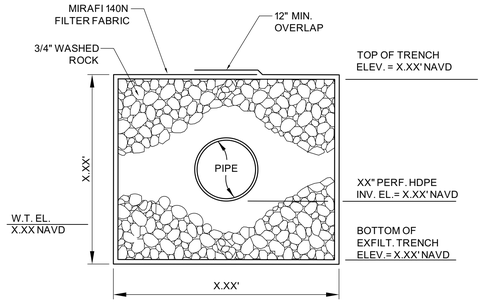
PLAN VIEW
TOP SLAB
FOR CATCH BASINS



PLAN VIEW
TOP SLAB
FOR MANHOLES

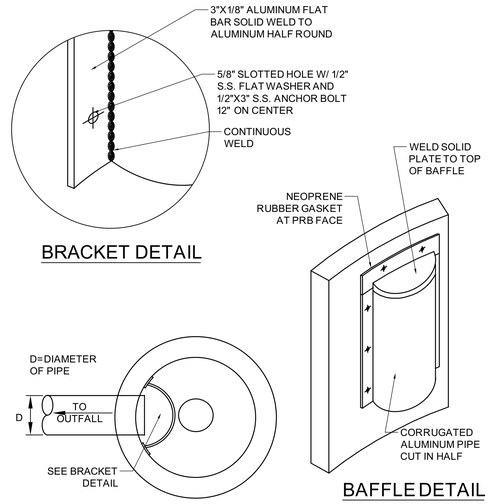
10 CATCH BASIN / MANHOLE FRAME DETAIL

NOT TO SCALE



11 EXFILTRATION TRENCH DETAIL

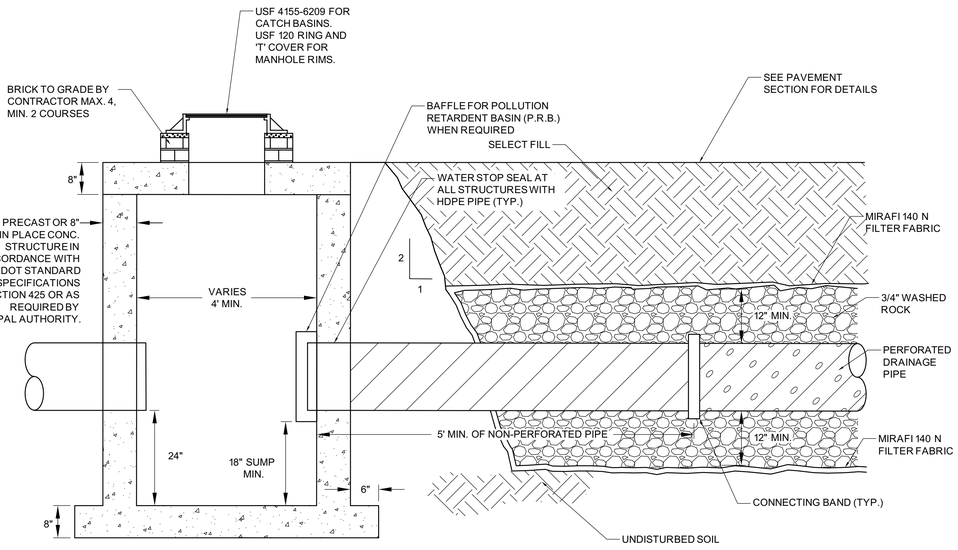
NOT TO SCALE



NOTE:
BAFFLE TO BE A SECTION OF CAP CUT IN HALF. CAP FOR BAFFLE SHALL BE THE NEXT STANDARD PIPE DIAMETER LARGER THAN THE INFLOW/ OUTFLOW PIPE.

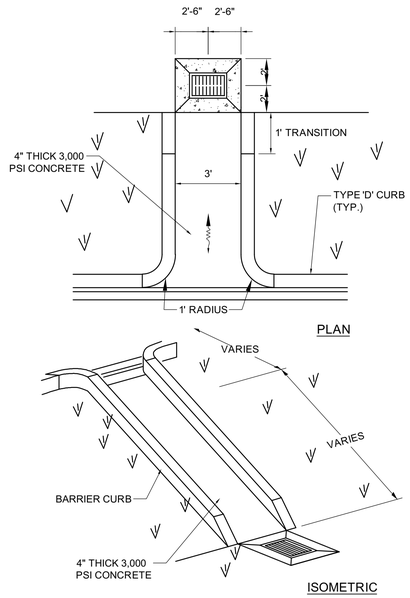
12 POLLUTION RETARDENT BAFFLE DETAIL

NOT TO SCALE



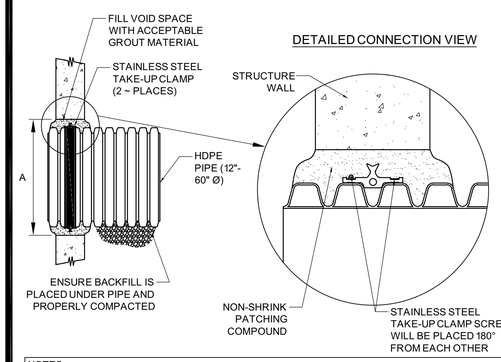
13 CATCH BASIN W/ PRB AND EXFILTRATION TRENCH

NOT TO SCALE



14 CONCRETE FLUME DETAIL

NOT TO SCALE



NOTES:
PERFORMANCE HIGHLY DEPENDENT ON INSTALLATION. CONTRACTOR MUST ENSURE MANHOLE GASKET IS UNIFORMLY SEATED AROUND STRUCTURE ADAPTER. EXTRA PRECAUTIONS MUST BE TAKEN TO PREVENT DIFFERENTIAL SETTLEMENT BETWEEN THE PIPE AND MANHOLE.

SEE ADS STANDARD DETAIL STD-201 AND ADS INSTALLATION GUIDE 1.05: WATERSTOP INSTALLATION FOR INSTALLATION RECOMMENDATIONS.

PIPE SIZE	PIPE OD		"A" MIN. HOLE DIA.	MIN. DISTANCE PIPE INVERT TO STRUCTURE INVERT
	A-PROFILE	H-PROFILE		
12"	14.5"	N/A	19.5"	3.7"
15"	17.6"	N/A	23.00"	4.0"
18"	21.2"	N/A	26.50"	4.2"
24"	27.8"	N/A	33.25"	4.5
30"	35.1"	N/A	40.50"	5.2"
36"	41.1"	41.1"	47.00"	5.5"
42"	47.7"	48.0"	53.00"	5.7"
48"	53.6"	54.0"	59.00"	5.7"
60"	66.3"	67.3"	72.00"	6.4"

15 GROUTED MANHOLE CONNECTION (HDPE PIPE) DETAIL

NOT TO SCALE

KEITH
301 East Atlantic Blvd. Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Certificate of Authorization: 7928
Licensed Business Number: 6860

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:	03/25/2021
DESIGNED BY:	JW
DRAWN BY:	FA
CHECKED BY:	TD
BID-CONTRACT:	

This item has been digitally signed and sealed by Thomas F. Donahue, P.E. on the date below using a Digital Signature.

THOMAS F. DONAHUE LICENSE No. 60529 STATE OF FLORIDA PROFESSIONAL ENGINEER

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Date: 2021.04.14 14:33:53-04'00'

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

BARRY S. MITTELBERG, ESQ.

PROJECT

NORTH ATLANTIC
951 S.W. 12th AVENUE
POMPANO BEACH FL

SHEET TITLE

ENGINEERING DETAILS

SHEET NUMBER: C-502

PROJECT NUMBER: 09293.01

STATUS: PRELIMINARY

DRC
PZ21-12000021
5/19/21

Plotted by: fascuntar On Thursday, April 8, 2021 1:36:10 PM

Drawingname: N:\09\09293.01 - North Atlantic 951 S. Andrews Avenue. - Barry S. Mittelberg P.A\Engineering\Cad\09293.01-CP-SXX.dwg