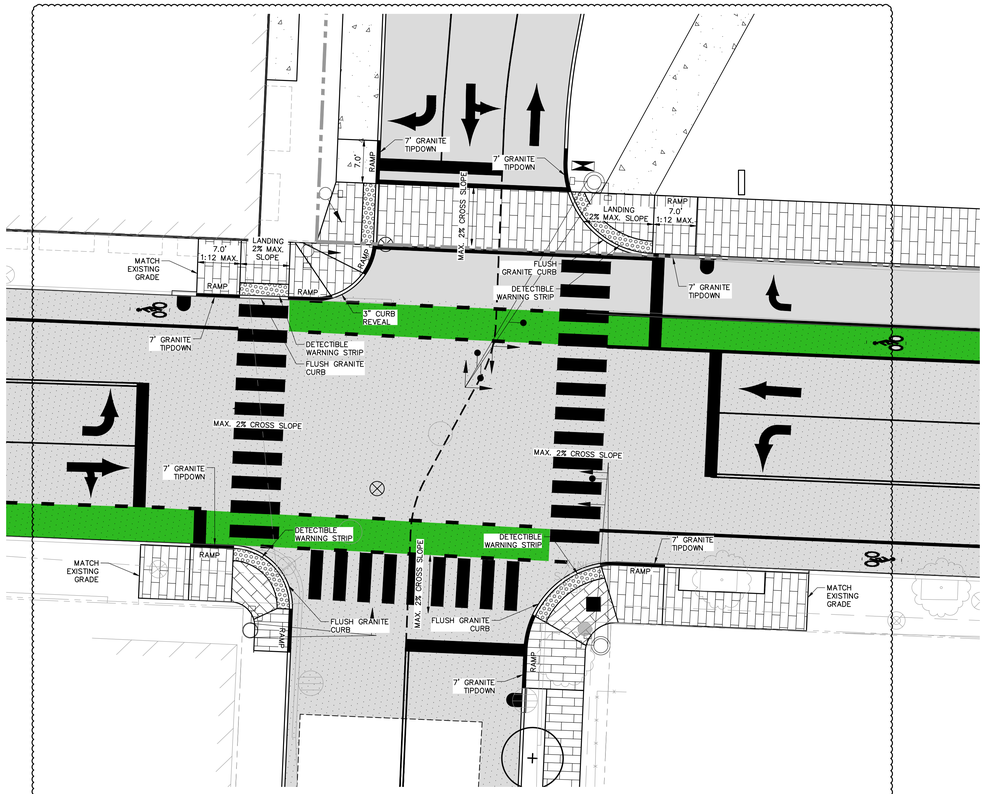
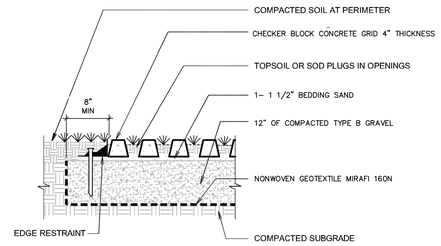


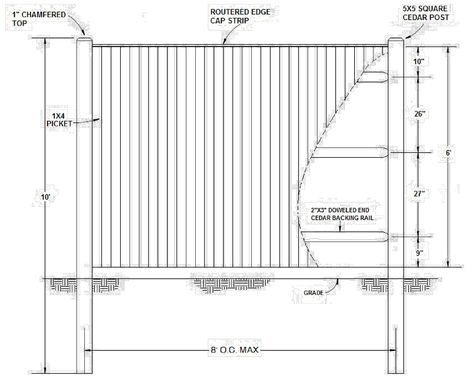
ST. JOHN STREET & "D" STREET INTERSECTION

SCALE: 1"=10'



CHECKER BLOCK CONCRETE GRID DETAIL

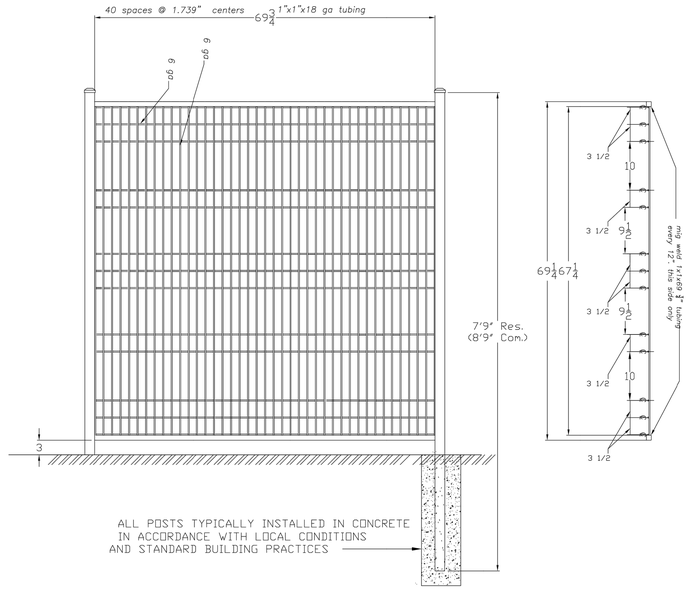
N.T.S.



GENERAL NOTES:
1. ALL MATERIALS ARE PREMIUM, #1 GRADE CEDAR
2. ALL POSTS ARE "DIRECT BURIAL" SET AT AN APPROXIMATE DEPTH OF 4'– CONCRETE IS NOTE RECOMMENDED FOR BACKFILL

6–FOOT SOLID BOARD W/THINK CAP STRIP– CEDAR PRIVACY FENCE

N.T.S.



ORNAMENTAL STEEL FENCE DETAIL

N.T.S.

NOTES:

1. WEIGHT (EMPTY): 50 LB MAX, NO CARTRIDGES

⚠ MATERIAL:
A) ADJUSTABLE FLANGE AND DEFLECTOR: ALUMINUM ALLOY 6063-T6
B) BASIN (PLASTIC): POLYPROPYLENE POLYETHYLENE COPOLYMER
C) CORNER FILL: ALUMINUM ALLOY: 5052-H32
D) SUPPORT HARDWARE: CRES 300 SERIES

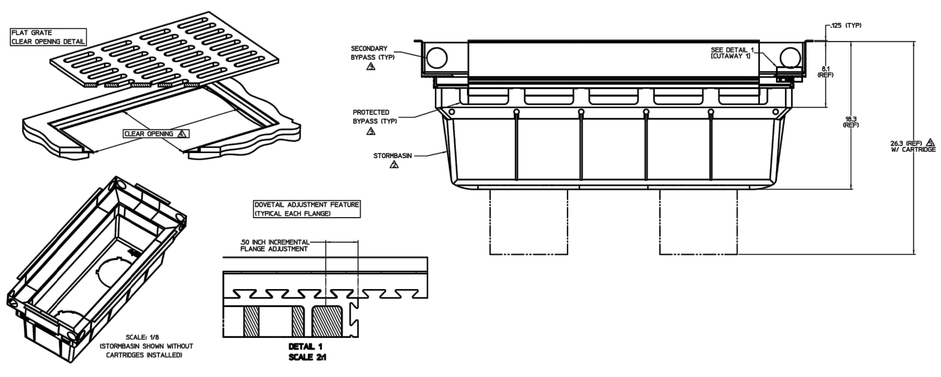
⚠ PERFORMANCE CHARACTERISTICS (TYP):
A) DEBRIS CAPACITY: 4.0 CU-FT
B) FILTERED FLOW RATE: STANDARD CARTRIDGE: 230 GPM (.51 CFS)
C) TOTAL BYPASS FLOW RATE: 2315 GPM (5.2 CFS)

⚠ CLEAR OPENING RANGE (0.5 INCH INCREMENTS):
A) MINIMUM SIZE: 19.0 X 45.0
B) MAXIMUM SIZE: 24.0 X 50.0

⚠ RECOMENDED MINIMUM VAULT DEPTH 2-IN BELOW CARTRIDGE

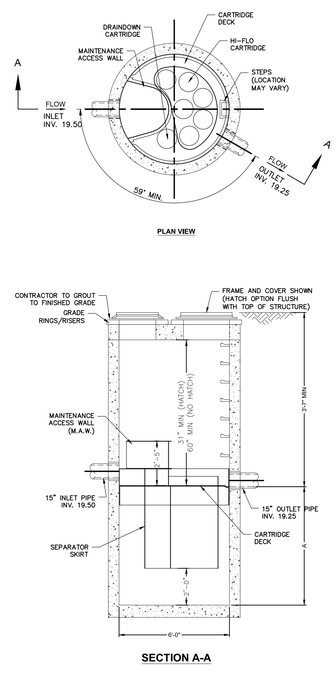
6. TYPICAL INSTALLATION: REMOVE STORM GRATE, MEASURE CATCH BASIN CLEAR OPENING AND ADJUST FLANGES TO REST ON GRATE SUPPORT LEDGE, PLACE STORMBASIN IN THE GRATE OPENING SO THE ADJUSTABLE FLANGES ARE RESTING ON THE GRATE SUPPORT LEDGE, INSTALL CORNER FILL PIECES AND REINSTALL STORM GRATE DIRECTLY ON STORMBASIN SUPPORT FLANGES.

⚠ USE WITH FABCO REPLACEABLE MEDIA CARTRIDGES ONLY.



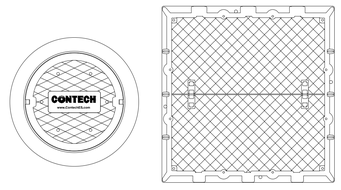
FABCO STORMBASIN, TYPE C FLANGE

N.T.S.



CONTECH JELLYFISH FILTER DETAIL

N.T.S.



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

HATCH
(48" x 48" CAST INTO SLAB)
N.T.S.

GENERAL NOTES:
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS REPRESENTATIVE. www.ContechES.com
3. JELLYFISH WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS-20 OR PER APPROVING JURISDICTION REQUIREMENTS, WHICHEVER IS MORE STRINGENT, ASSUMING EARTH COVER OF 0' – 3'; AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 LOAD RATING AND BE CAST WITH THE CONTECH LOGO.
5. STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.
6. NO PRODUCT SUBSTITUTIONS SHALL BE ACCEPTED UNLESS SUBMITTED 10 DAYS PRIOR TO PROJECT BID DATE, OR AS DIRECTED BY THE ENGINEER OF RECORD.

INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STRUCTURE (LIFTING CLUTCHES PROVIDED)
C. CONTRACTOR WILL INSTALL AND LEVEL THE STRUCTURE, SEALING THE JOINTS, LINE ENTRY AND EXIT POINTS (NON-SHRINK GROUT WITH APPROVED WATERSTOP OR FLEXIBLE BOOT)
D. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.
E. CARTRIDGE INSTALLATION, BY CONTECH, SHALL OCCUR ONLY AFTER SITE HAS BEEN STABILIZED AND THE JELLYFISH UNIT IS CLEAN AND FREE OF DEBRIS. CONTACT CONTECH TO COORDINATE CARTRIDGE INSTALLATION WITH SITE STABILIZATION AT (866) 740-3318.

LEVEL III SITE PLAN APPLICATION - NOT FOR CONSTRUCTION

WOODARD & CURRAN
41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

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STATE OF MAINE DAVID A. SENUS 10791 PROFESSIONAL ENGINEER
6/22/2018

REV	DESCRIPTION	DATE
3	RESPONSE TO COMMENTS SUBMISSION	9/25/2018
2	RESPONSE TO COMMENTS SUBMISSION	7/23/2018
1	RESPONSE TO COMMENTS SUBMISSION	7/24/2018

DESIGNED BY: CAS | DRAWN BY: BGM | CHECKED BY: C-205 | 031108.00V.dwg

CIVIL DETAILS - 6

MAINE MEDICAL CENTER
22 BRAMHALL STREET
PORTLAND, ME 04102

MMC ST. JOHN STREET
EMPLOYEE PARKING GARAGE

JOB NO.:0231158.00
DATE: JUNE 22, 2018
SCALE: AS NOTED
SHEET: 17 OF 17

C-205

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