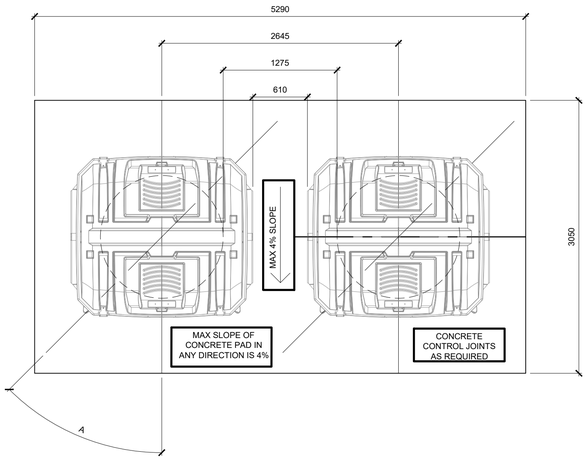
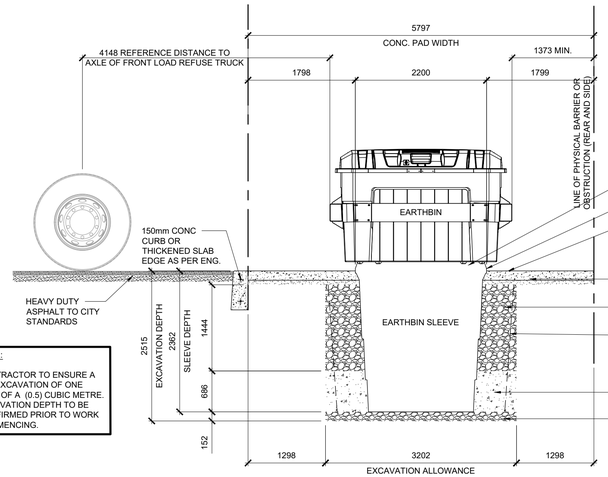
Project Management Initials: | Designer: NAS | Checked: AG | Approved: | ANSI D 864mm x 559mm



1 EARTHBINS - PLAN VIEW
C102.0 SCALE:NTS

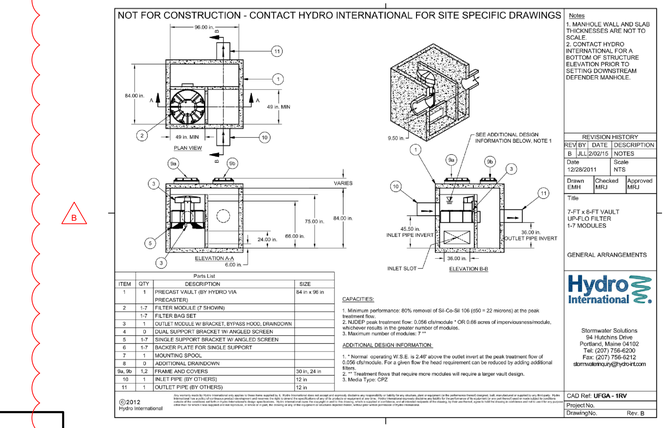


NOTE:
CONTRACTOR TO ENSURE A MIN EXCAVATION OF ONE HALF OF A (0.5) CUBIC METRE. EXCAVATION DEPTH TO BE CONFIRMED PRIOR TO WORK COMMENCING.

NOTE:
CONTRACTOR TO ENSURE ADEQUATE SPACE TO PHYSICAL BARRIER OR OBSTRUCTION TO ALLOW BIN TO BE PICKED UP.

ANCHOR PIN NOTE:
PLACE ANCHOR PINS (X8) IN HOLES AROUND GROUND SLEEVE PRIOR TO POURING CONCRETE. ENSURE THERE IS A MIN 150mm EMBEDMENT FOR ANCHOR PINS. ANCHOR PINS ARE TO HAVE A MIN 100mm OF COVERAGE ABOVE AND BELOW.

1a EARTHBINS - TYP CROSS SECTION
C102.0 SCALE:NTS

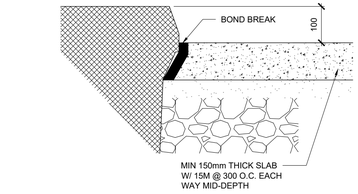


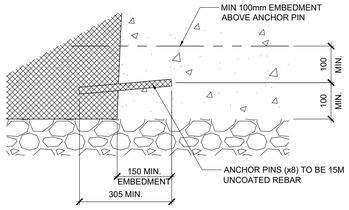
ITEM	QTY	DESCRIPTION	SIZE
1	1	PRECAST VAULT (BY HYDRO VIA PRECASTER)	84 in x 96 in
2	1-7	FILTER MODULE (7 SHOWN)	
	1-7	FILTER BAG SET	
3	1	OUTLET MODULE W BRACKET, BYPASS HOOD, DRAINDOWN	
4	0	DUAL SUPPORT BRACKET W/ ANGLED SCREEN	
5	1-7	SINGLE SUPPORT BRACKET W/ ANGLED SCREEN	
6	1-7	BACKER PLATE FOR SINGLE SUPPORT	
7	1	MOUNTING SPOOL	
8	0	ADDITIONAL DRAINDOWN	
9a, 9b	1,2	FRAME AND COVERS	30 in, 24 in
10	1	INLET PIPE (BY OTHERS)	12 in
11	1	OUTLET PIPE (BY OTHERS)	12 in

CAPACITIES:
1. Minimum performance: 80% removal of SI Co-Sil 106 (d50 = 22 microns) at the peak treatment flow.
2. NJDEP peak treatment flow: 0.056 cfs/module * OR 0.66 acres of impervious/module, whichever results in the greater number of modules.
3. Maximum number of modules: 7 **

ADDITIONAL DESIGN INFORMATION:
* Normal operating H.S.E. is 2.46' above the outlet invert at the peak treatment flow of 0.056 cfs/module. For a given flow the head requirement can be reduced by adding additional filters.
** Treatment flows that require more modules will require a larger vault design.
5. Media Type: CPZ

4 OGS MODEL UF7
C103.0 SCALE:NTS

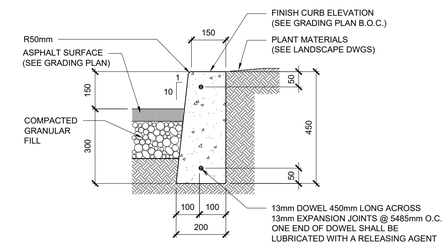




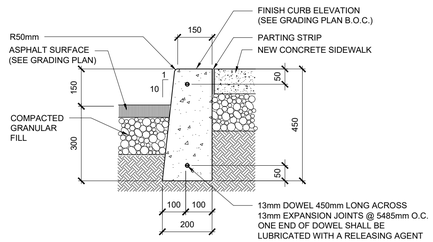
NOTE:
THE USE OF SHIMS TO SET SLEEVE PRIOR TO POURING CONCRETE IS ALLOWED.

1b SLEEVE DETAIL A
C102.0 SCALE:NTS

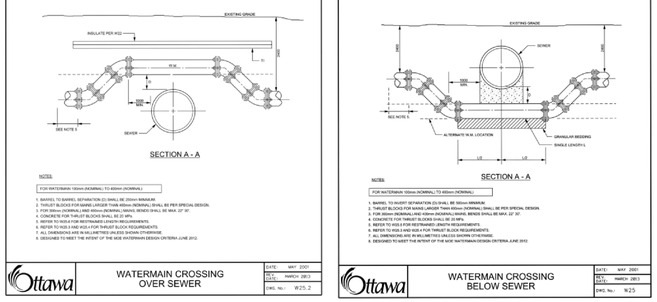
1c SLEEVE DETAIL B
C102.0 SCALE:NTS



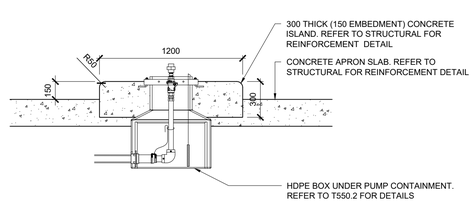
2 CONCRETE CURB DETAIL
C102.0 SCALE:NTS



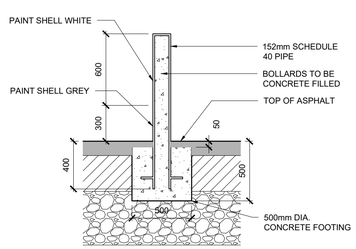
3 CONCRETE CURB TO SIDEWALK DETAIL
C102.0 SCALE:NTS



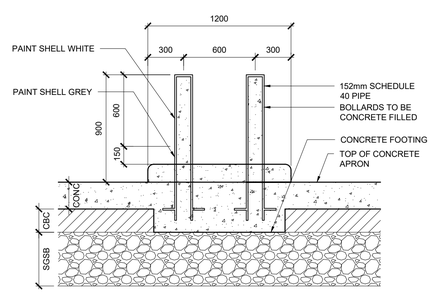
8 WATERMAIN CROSSING DETAIL
C102.0 SCALE:NTS



5 TYPICAL CONCRETE ISLAND
C102.0 SCALE:1:25



6 BOLLARD DETAIL
C102.0 SCALE:1:25



7 PUMP ISLAND BOLLARD DETAIL
C102.0 SCALE:1:25

Last Plotted: JTIEU(2020-09-22)
Filename: 20200072_C501.0.DWG
Last Plotted: 2020-09-23

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REGISTRATION

LEGAL DESCRIPTION
PART OF BLOCK 21 OF DRAFT PLAN OF SUBDIVISION OF PARTS OF LOTS 26 AND 27 OF REGISTERED PLAN 4R2506 PART 3, CONCESSION 11, GEOGRAPHIC TOWNSHIP OF GOULBOURN (CITY OF OTTAWA)

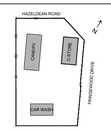
ISSUE/REVISION

B	2020-09-30	RE-ISSUED FOR SPA
A	2020-03-31	ISSUED FOR SPA
I/R	DATE	DESCRIPTION

DRAWN BY

NAS

KEY PLAN



GLOBAL PROJECT ID NUMBER

CAN01444

SHEET TITLE

SITE
SITE DETAILS

CTM DESIGN FILE NAME

2020072_C501.0

SHEET NUMBER

C501.0 B

CITY FILE NO. D07-12-20-0043
CITY PLAN NO. 18131