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Legend

- PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110
- PROPOSED STRAW BALE LOCATION AS PER OPSD 219.100
- PROPOSED CATCH BASIN MH PROTECTION AS PER FLEX STORM INLET FILTERS DETAIL ITEM CODE P-RD-290-270-FX
- PROPOSED CATCH BASIN PROTECTION AS PER TERRAFIX SILTSACK DETAIL
- PROPOSED MUD MAT LOCATION

Best Management Practices

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED)
7. A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT THE EXISTING STORM AND SANITARY SEWER SYSTEMS.
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.

Revision	By	Appd.	YY.MM.DD
2	MJS	DCT	23.08.17
1	MJS	DCT	23.07.20
0	MJS	DCT	23.04.21

File Name:	MJS	DCT	MJS	23.01.24
160401534-08	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project
RICHCRAFT PROPERTIES LTD.

2370 WALKLEY ROAD
DRAINAGE AND DITCH MODIFICATIONS
OTTAWA, ON

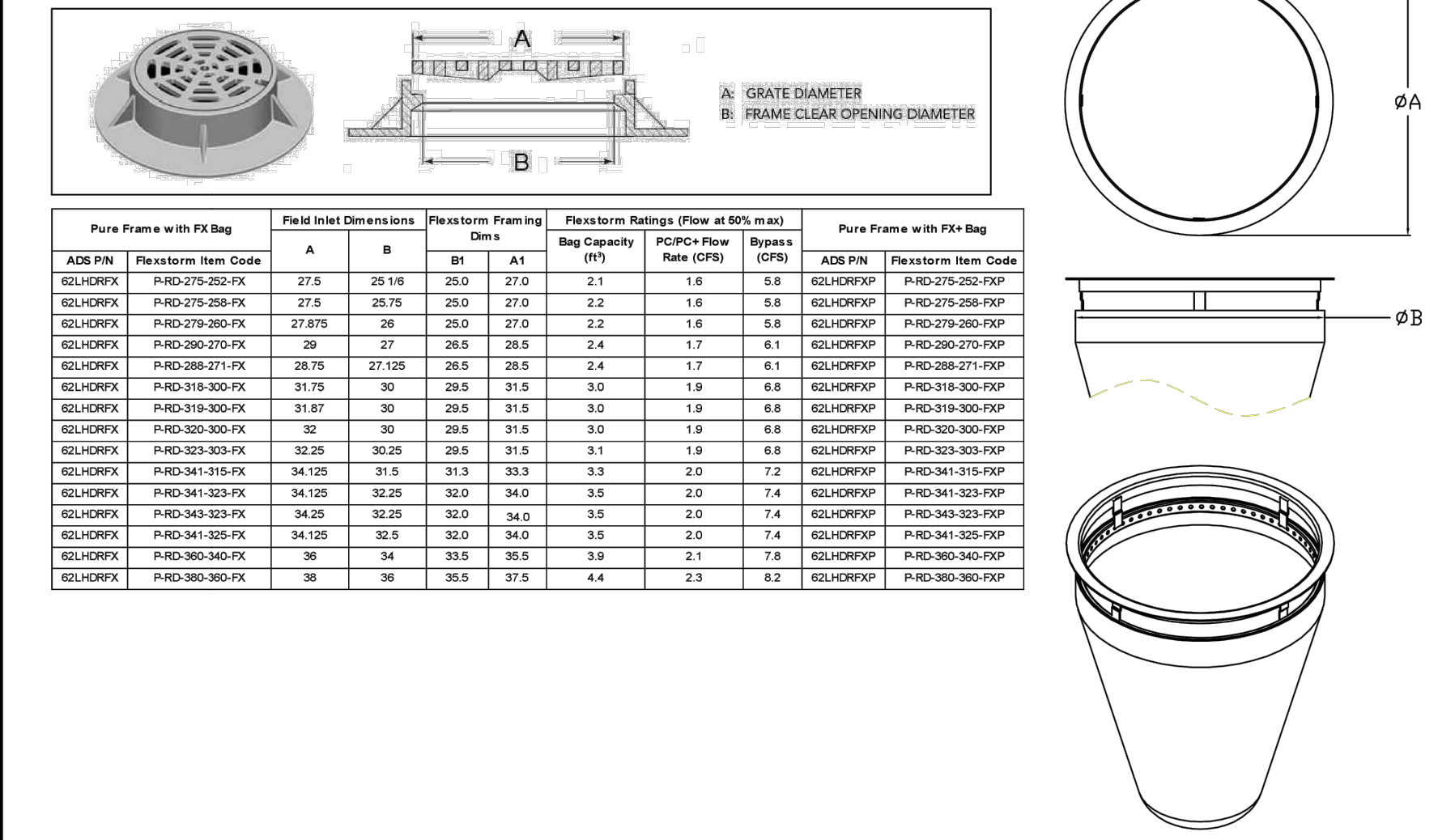
Title
EROSION CONTROL PLAN

Project No. 160401534
Scale AS NOTED

Drawing No. Sheet Revision

EC/DS-1 2 of 3 2
Project No. 160401534
Scale AS NOTED
Drawing No. Sheet Revision

FLEXSTORM P/Ns 62LHDFX & 62LHDFXP
RD INLET TYPE: RAISED CAST IRON FRAME AND ROUND GRATE



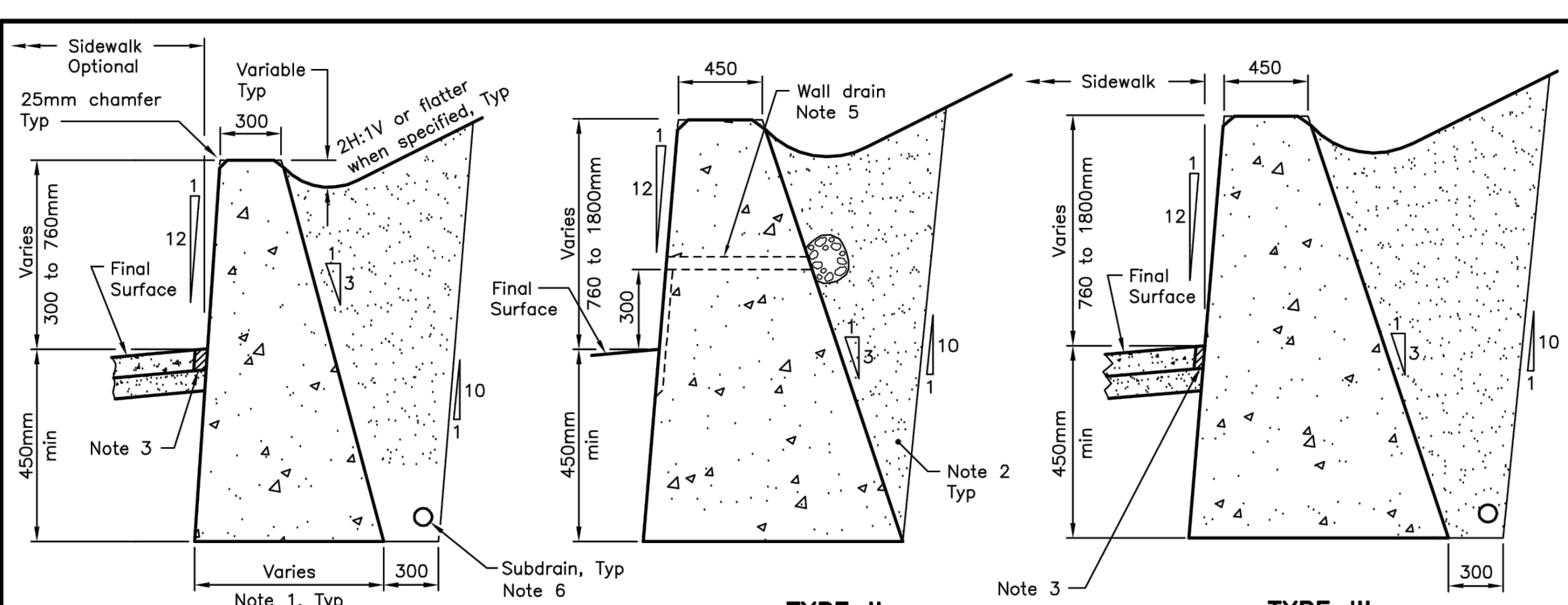
Pure Frame with FX Bag	Field Inlet Dimensions	Flexstorm Framing Data	Flexstorm Ratings (Flow at 50% m.s)	Pure Frame with FX Bag						
ADP P/N	Flexstorm Item Code	A	B	BI	AI	Bag Capacity (m³)	Flow Rate (l/s)	Flow Rate (cfs)	ADP P/N	Flexstorm Item Code
62LHDFX	P-RD-270-252-FX	27.5	25.16	25.0	27.0	2.1	1.6	0.8	62LHDFXP	P-RD-270-252-FXP
62LHDFX	P-RD-270-258-FX	27.5	25.16	25.0	27.0	2.2	1.6	0.8	62LHDFXP	P-RD-270-258-FXP
62LHDFX	P-RD-270-260-FX	27.5	26	25.0	27.0	2.2	1.6	0.8	62LHDFXP	P-RD-270-260-FXP
62LHDFX	P-RD-290-270-FX	29	27	26.5	28.5	2.4	1.7	0.8	62LHDFXP	P-RD-290-270-FXP
62LHDFX	P-RD-290-271-FX	29.75	27.125	26.5	28.5	2.4	1.7	0.8	62LHDFXP	P-RD-290-271-FXP
62LHDFX	P-RD-310-300-FX	31.75	30	29.5	31.5	3.0	1.9	0.8	62LHDFXP	P-RD-310-300-FXP
62LHDFX	P-RD-310-300-FX	31.87	30	29.5	31.5	3.0	1.9	0.8	62LHDFXP	P-RD-310-300-FXP
62LHDFX	P-RD-300-300-FX	32	30	29.5	31.5	3.0	1.9	0.8	62LHDFXP	P-RD-300-300-FXP
62LHDFX	P-RD-300-300-FX	32.25	30.25	29.5	31.5	3.1	1.9	0.8	62LHDFXP	P-RD-300-300-FXP
62LHDFX	P-RD-341-323-FX	34.125	31.5	31.2	33.3	3.3	2.0	0.8	62LHDFXP	P-RD-341-323-FXP
62LHDFX	P-RD-341-323-FX	34.125	32.25	32.0	34.0	3.5	2.0	0.8	62LHDFXP	P-RD-341-323-FXP
62LHDFX	P-RD-343-323-FX	34.25	32.25	32.0	34.0	3.5	2.0	0.8	62LHDFXP	P-RD-343-323-FXP
62LHDFX	P-RD-341-325-FX	34.125	31.5	32.0	34.0	3.5	2.0	0.8	62LHDFXP	P-RD-341-325-FXP
62LHDFX	P-RD-360-340-FX	36	34	33.5	35.5	3.9	2.1	0.8	62LHDFXP	P-RD-360-340-FXP
62LHDFX	P-RD-360-340-FX	36	36	35.5	37.5	4.4	2.3	0.8	62LHDFXP	P-RD-360-340-FXP

NOTES:

1. RATINGS SHOWN ARE FOR STANDARD 22" BAG DEPTH. "SHORT" 12" DEPTH BAGS ARE AVAILABLE WITH -S SUFFIX. RATINGS REDUCED BY -50%.
2. THE FOLLOWING REQUIRES ADDITIONAL REVIEW
-GRATES WITH EXTENDED BOTTOMS
-ANY OBSTRUCTED INLET OPENINGS

FLEX STORM INLET FILTERS

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. A DIVISION OF ADS, INC. 44 W. WALLEY LANE, TERRESDALE, ONTARIO (905) 887-8655 PH (630) 355-3477 FX INF@INLETFILTERS.COM



- NOTES:**
1. Walls shall be founded on undisturbed soil having a minimum bearing capacity at ultimate limit states of 200kPa for Type I and 300kPa for Type II and Type III.
 2. Excavation for toe walls shall be backfilled with free draining granular material.
 3. 10mm preformed joint filler, Type A, non-extruding and resilient bituminous type as specified.
 4. Cold applied rubber asphalt joint sealing compound.
 5. Where specified, wall drains shall be provided per OPSD 3190.100.
 6. 150mm dia perforated pipe subdrain wrapped in geotextile.
A Maximum height of slope above top of wall is 4m.
B Concrete for toe walls shall be 30MPa.
C All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
WALLS RETAINING CONCRETE TOE WALL
Nov 2010 Rev 2
OPSD 3120.100

Kelby Lodoen Unseth
KELBY LODOEN UNSETH
PLANNER
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

