NOTES:

1. LOCATION OF EXISTING INFRASTRUCTURE TO BE CONFIRMED IN THE FIELD.
2. PIPE TO BE 200ø DR35 PVC.
3. GRANULAR SUB BASE TO BE NSTIR TYPE 1.
4. ASPHALT TO BE NSTIR TYPE C-HF.
5. PROVIDE 50mm THICK BY 600mm WIDE ULC TYPE 4 EXTRUDED POLYSTYRENE INSULATION OVER NEW PIPING WHERE COVER IS BELOW 900mm.
6. TRENCHING: REFER TO NSRBA STANDARD DETAIL 01 22 60-01.
7. ALL EXISTING PAINTED ROADWAY MARKINGS, CROSSWALKS LINES, ETC. REMOVED BY CONTRACTOR TO BE REPLACED AS DIRECTED BY OWNER.
8. MINIMUM SLOPE AT DOOR RAMPS TO BE 5%.
9. MAXIMUM SLOPE AT DOOR RAMPS TO BE 12%.

APPROX. NORTH

600x600 CB FOR NEW RWL. CONNECT CB TO EXISTING 450ø STORM SEWER WITH 450x450x200 SADDLE. 200ø PIPE TO BE DR35 PVC.

MH TOP 3.37
150ø PVC INV. IN 1.84
150 PVC INV. OUT 1.60

BUILDING

MH TOP 3.04
450ø PVC INV. IN 1.61
150ø PVC IN. IN 1.68
450ø PVC INV. OUT 1.54

ACCESS RAMP TO BE PROVIDED AT MAN DOOR

JUNCTION BOX SHELTER

SANITARY PUMPING STATION

SITE BENCHMARK
POINT NO. 4057
SPIKE IN PAVEMENT
ELEV. 3.14

CB TOP 2.65
150ø PVC INV. IN 0.89
250 PVC INV. OUT 0.60

CB TOP 3.09
450ø PVC INV. IN 1.45
450 PVC INV. OUT 1.42

MH TOP 2.78
450ø PVC INV. IN 1.42
200ø PVC IN. IN 1.27
450ø PVC INV. OUT 1.42

CB TOP 3.38
450ø PVC INV. IN 1.70
450ø PVC INV. OUT 1.68

SIDE SLOPE OF NEW RAMPS TO BE 2:1

NEW BOLLARD (TYP.) REFER TO ARCH. DRAWINGS.

INVERT TO BE DETERMINED IN THE FIELD

SHIPPING CONTAINER (TYP.)

LIMIT OF NEW ASPHALT

NEW 600x600 CB FOR REPLACED RWL. CONNECT CB TO EXISTING STORM SEWER. (TYP. OF 6)

NEW 1050ø CB

NEW 200ø DR 35 PVC PIPE BETWEEN CB'S. MIN. SLOPE 0.5%. TO BE CONFIRMED IN THE FIELD WITH INVERTS.

600x600 CB FOR 2 NEW RWL.

600x600 CB FOR NEW RWL.

WAREHOUSE BUILDING

BRICK BUILDING

SITE BENCHMARK
POINT NO. 4020
SPIKE IN PAVEMENT
ELEV. 3.08

2-150ø PVC
(ONE ABOVE THE OTHER)
INV.=0.87
INV.=0.66

600x600 CB FOR NEW RWL. CONNECT CB TO EXISTING 450ø STORM SEWER WITH 200ø DR35 PVC PIPE. CONTRACTOR TO DETERMINE LOCATION AND SIZE OF EXISTING STORM LINE IN THE FIELD.

CB TOP 2.65
200ø PVC
INV. OUT 1.65

CONCRETE SIDEWALK AND CURB TO BE REPLACED WHERE REMOVED FOR NEW CB. (TYP.)

600x600 CB FOR NEW RWL. CONNECT TO STORM PIPE WITH 200ø PVC

NEW 200ø STORM PIPE. MIN. GRADE 0.5%

BAFFIN BOULEVARD

BEDFORD BASIN

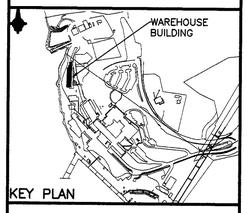
DISCOVERY DRIVE

EXISTING SITE PLAN

SCALE : 1:200

0m 5m 10m 15m 20m 25m

KEY PLAN



BOLLARD TO BE 250ø SCH 80 STEEL TO BE FILLED WITH CONCRETE & COMPACTED WITH PRE-FORMED PVC COVER YELLOW IN COLOR

PROPOSED FIN. GRADE.

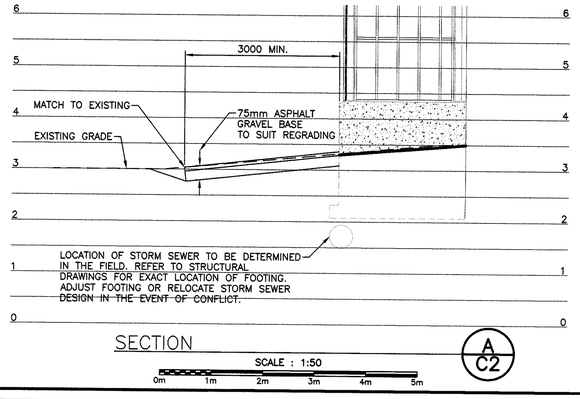
550ø 25kPa CONCRETE

1200
50
1200
300
150
150

BOLLARD

SCALE : 1:20

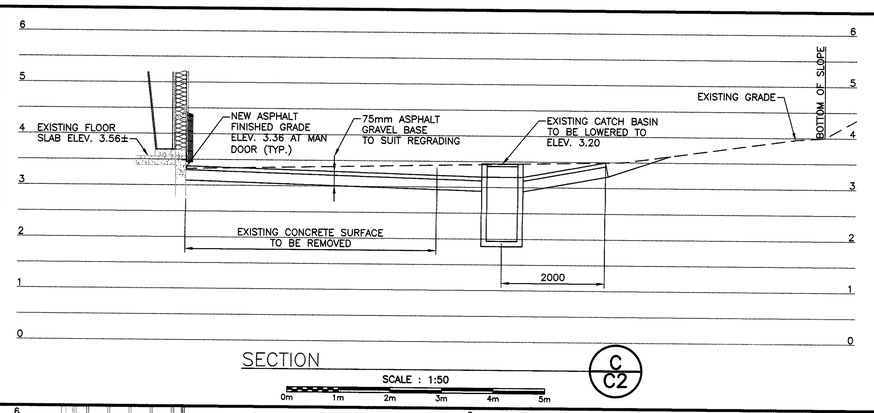
0mm 500mm 1000mm 1500mm 2000mm 2500mm



SECTION A C2

SCALE : 1:50

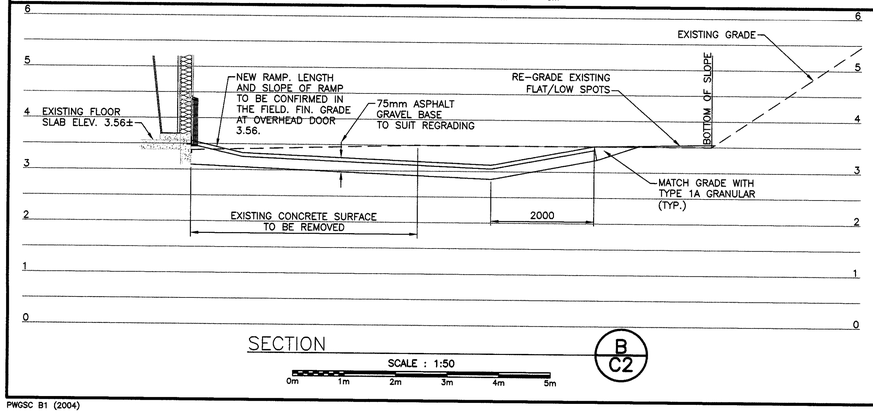
0m 1m 2m 3m 4m 5m



SECTION C C2

SCALE : 1:50

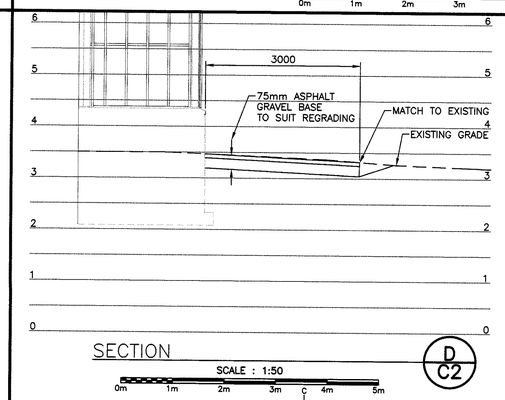
0m 1m 2m 3m 4m 5m



SECTION B C2

SCALE : 1:50

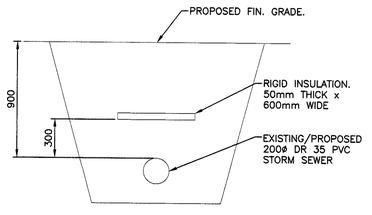
0m 1m 2m 3m 4m 5m



SECTION D C2

SCALE : 1:50

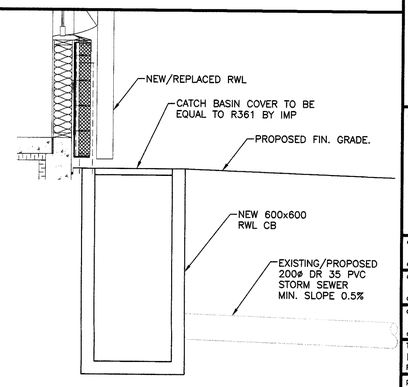
0m 1m 2m 3m 4m 5m



PIPE INSULATION DETAIL

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm



NEW 600 x 600 CB AT RWL

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm

0 10 20mm 40 60 80 100 120 140 160 180 200mm

PWGSC B1 (2004)

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

DILLON CONSULTING

REGISTERED PROFESSIONAL ENGINEER
G. T. GOAD
4523
PROVINCE OF NOVA SCOTIA

revisions		date
B	ISSUED FOR TENDER	06/13 2017
A	ISSUED FOR 100% REVIEW	04/19 2017

project / projet

CLADDING REPAIR
BUOY MAINTENANCE AND MAINTENANCE BUILDING
BIO DARTMOUTH
NOVA SCOTIA

drawing / dessin

PROPOSED SITE PLAN AND SECTIONS

designed G.T.G. / conçu
date MAR. 24/17
drawn STAFF / dessiné
date MAR. 24/17
approved / approuvé
date Vanessa Morrison 06/15/17
Tender / Soumission
IAN SCELES
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.082151.003
drawing no. / no. du dessin
C2

E-DRM/GDD-E: 551134