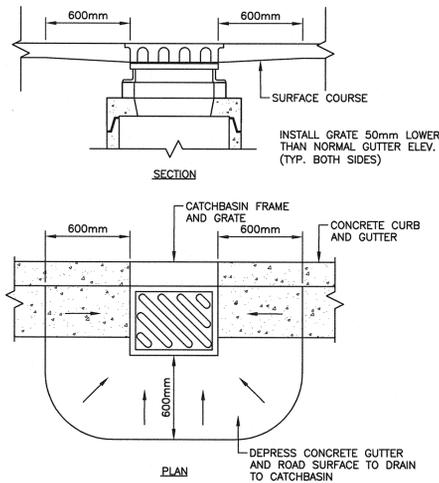
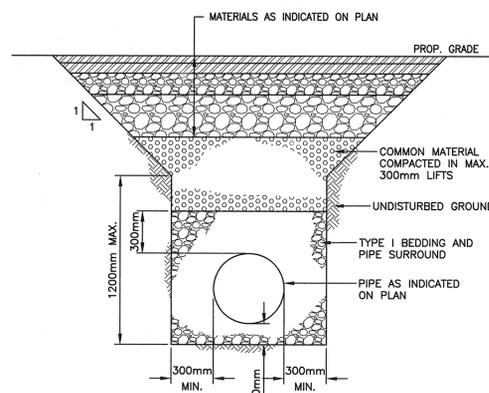


1 TYPICAL CATCHBASIN DETAIL
C104 SCALE : N.T.S.

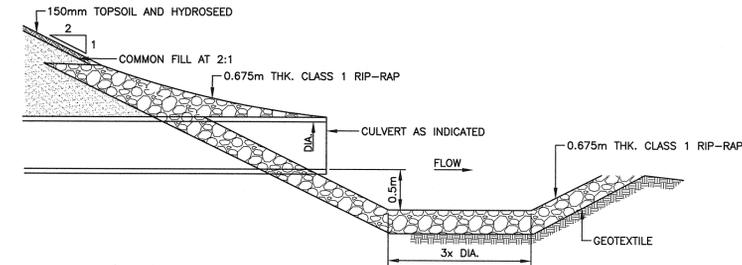


2 CATCHBASIN INSTALLATION AT CURB
C104 SCALE : N.T.S.

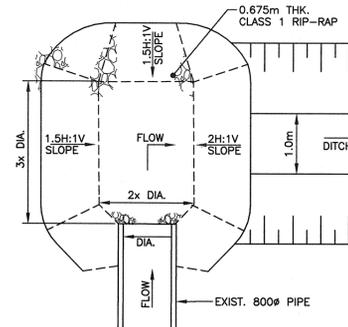


3 PIPE BACKFILL DETAIL
C104 SCALE : N.T.S.

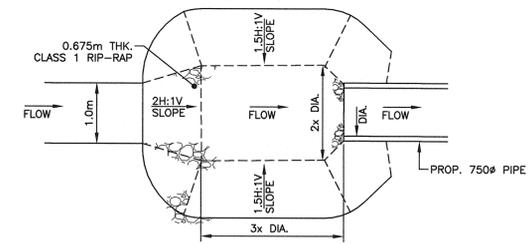
- CATCHBASIN NOTES:**
1. WATERTIGHT SEAL RING BETWEEN SECTIONS.
 2. LIFT HOLES IN PRECAST SECTIONS TO BE GROUTED WITH CEMENT MORTAR PRIOR TO PLACING GRANULAR BACKFILL.
 3. IF FINAL GRADE ADJUSTMENT EXCEEDS 150mm IN HEIGHT, REBAR MUST BE INCORPORATED IN THE RAISED SECTION.
 4. IN ADDITION TO O-RING GASKETS, JOINTS IN PRECAST SECTIONS SHALL BE SEALED WITH 25mm BUTYL RESIN CORD. THE CORD SHALL BE PLACED ON THE UPPER INSIDE LEDGE OF THE JOINT PRIOR TO PLACEMENT OF THE SUBSEQUENT SECTION.
 5. BACKFILL SHALL BE TYPE 2 SURROUND MATERIAL EXTENDING A MIN. OF 300mm OUTWARD FROM STRUCTURE AND VERTICALLY FROM BEDDING MATERIAL TO UNDERSIDE OF ROADBED GRAVELS, COMPACTED IN 300mm LAYERS.
 6. "A-LOK" OR APPROVED "O" RING GASKETS SHALL BE THOROUGHLY CLEANED, THEN COVERED GENEROUSLY WITH LUBRICANT SPECIFIED BY THE PIPE MANUFACTURER.
 7. CAST-IN-PLACE GRADE ADJUSTMENT TO BE COMPLETED WITH AIR ENTRAINED 40 MPa CONCRETE ON AN APPROVED NON-SHRINK GROUT.



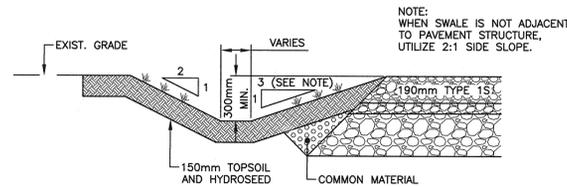
4 ENERGY DISSIPATION POOL SECTION
C103 SCALE : N.T.S.



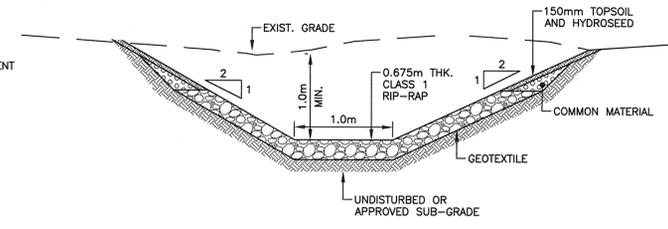
5 ENERGY DISSIPATION POOL PLAN
C103 SCALE : N.T.S.



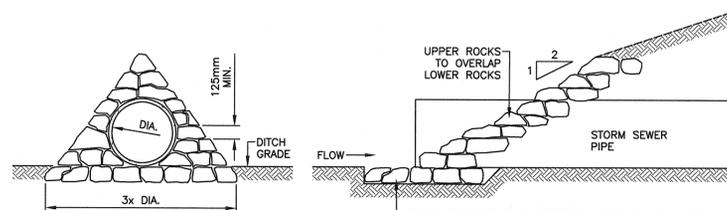
6 ENERGY DISSIPATION POOL PLAN
C103 SCALE : N.T.S.



7 GRASSED SWALE
C103/C104/C105 SCALE : N.T.S.

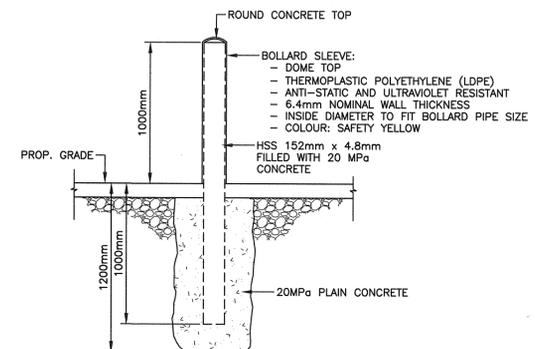


8 ROCK LINED DITCH
C103/C104/C105 SCALE : N.T.S.



PROCEDURE:
PLACE ROCKS INTO POSITION BY RAMMING AND PACKING AGAINST EACH OTHER TO FORM A CLOSELY MOULDED AND UNIFORM LAYER AVERAGING NOT LESS THAN 125mm IN THICKNESS. PLACE ROCKS IN A STAGGERED PATTERN SUCH THAT ANY ROCK (EXCEPT AT THE BOTTOM) WILL REST ON TWO OR MORE OTHER ROCKS.

9 RIP-RAP AT CULVERT END
C103 SCALE : N.T.S.



10 TYPICAL BOLLARD
C103 SCALE : N.T.S.



0	ISSUED FOR TENDER	NOV 8 2017
revisions		date

project

CCGC – CONTRACTOR ACCESS AND LAYDOWN AREA IN SUPPORT OF THE MECHANICAL UPGRADE PROJECT

drawing

CONSTRUCTION DETAILS

designed J.A. congu

date 17.09.28

drawn A.M. dessiné

date 17.09.28

approved J.A. approuvé

date 17.10.10

Tender Soumission

PWSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet

R.065476.700

drawing no. / no. du dessin

C107