



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
APV ENGINEERING INC.

To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by APVREG_202882.
which is valid for the year 2015.



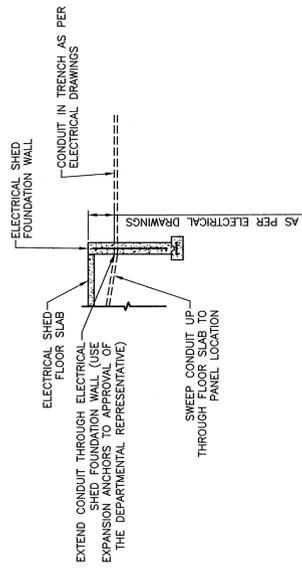
ISSUED FOR TENDER	8/5/15
ISSUED FOR 33% REVIEW	8/10/14
revisions	date
Project	date

HARBOUR DEVELOPMENT
JOE BATTS ARM, NL

drawing
DETAILS

designer	N.H.
date	JUNE 5, 2015
drawn	P.H.
date	JUNE 5, 2015
approved	

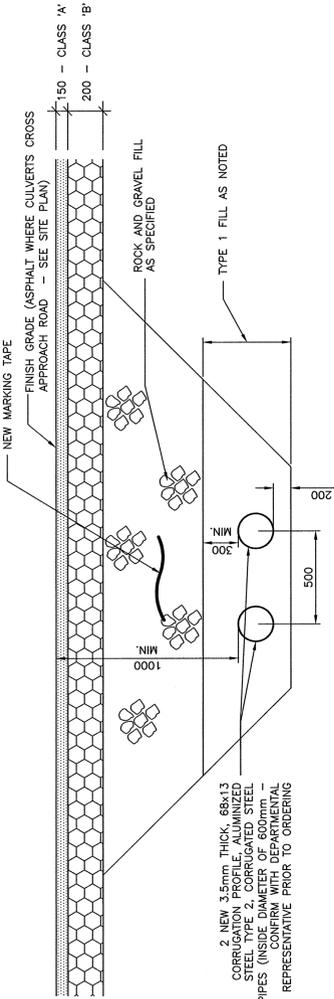
code	Commission
Project Manager	Administrateur de projets
Project number	R.077427.001
drawing no.	C8 OF 8



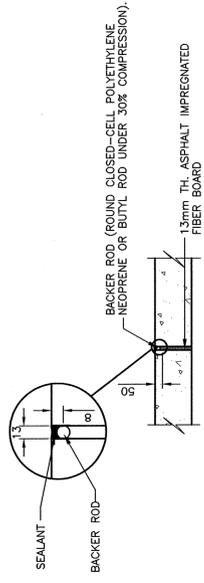
CONDUIT TRANSITION INTO SHED
SCALE: 1:50
0m 1m 2m 3m 4m 5m

NOTES:

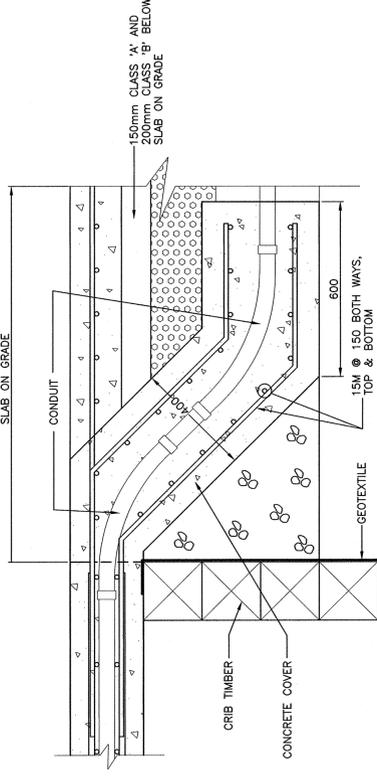
- TYPE 1 FILL TO CONFORM TO THE FOLLOWING REQUIREMENTS:
 - CRUSHED STONE OR SAND;
 - GRADATIONS TO BE WITHIN LIMITS SPECIFIED BELOW WHEN TESTED TO ASTM C136 AND ASTM C117, SIEVE SIZES TO CAN/CGSB-8.1.
- SIZE DESIGNATION TYPE 1 FILL (% PASSING)
- | | |
|---------|-----|
| 150mm | 100 |
| 75mm | 75 |
| 37.5mm | 50 |
| 19mm | 20 |
| 12.5mm | 10 |
| 9.5mm | 5 |
| 7.5mm | 3 |
| 4.75mm | 0 |
| 0.425mm | 0 |
| 0.180mm | 0 |
| 0.075mm | 0 |



NEW CULVERTS FOR PLANT WATERLINES
SCALE: N.T.S.

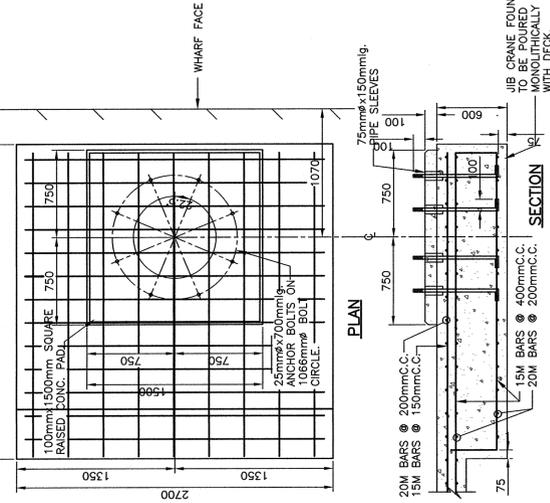


EXPANSION JOINT DETAIL
SCALE: 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm

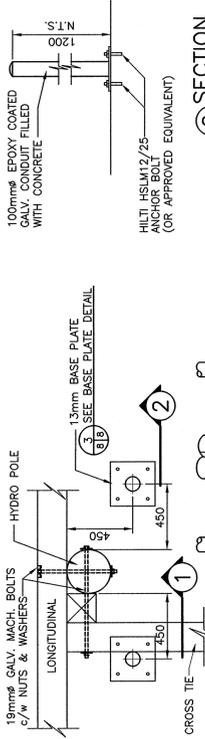


UNDERGROUND TRANSITION OF ELECTRICAL CONDUITS AT SLAB ON GRADE
SCALE: 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm

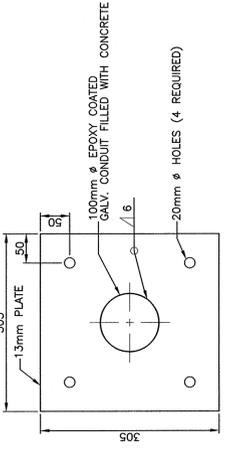
NOTE:
IMPORTANT THAT BOLT WHEELS BE ORIENTATED MONOLITHICALLY WITH DECK.



JIB CRANE FOUNDATION
SCALE: 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm



SECTION 2



BASE PLATE DETAIL
SCALE: 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm

HYDRO POLE IN CRIBWORK
SCALE: 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm