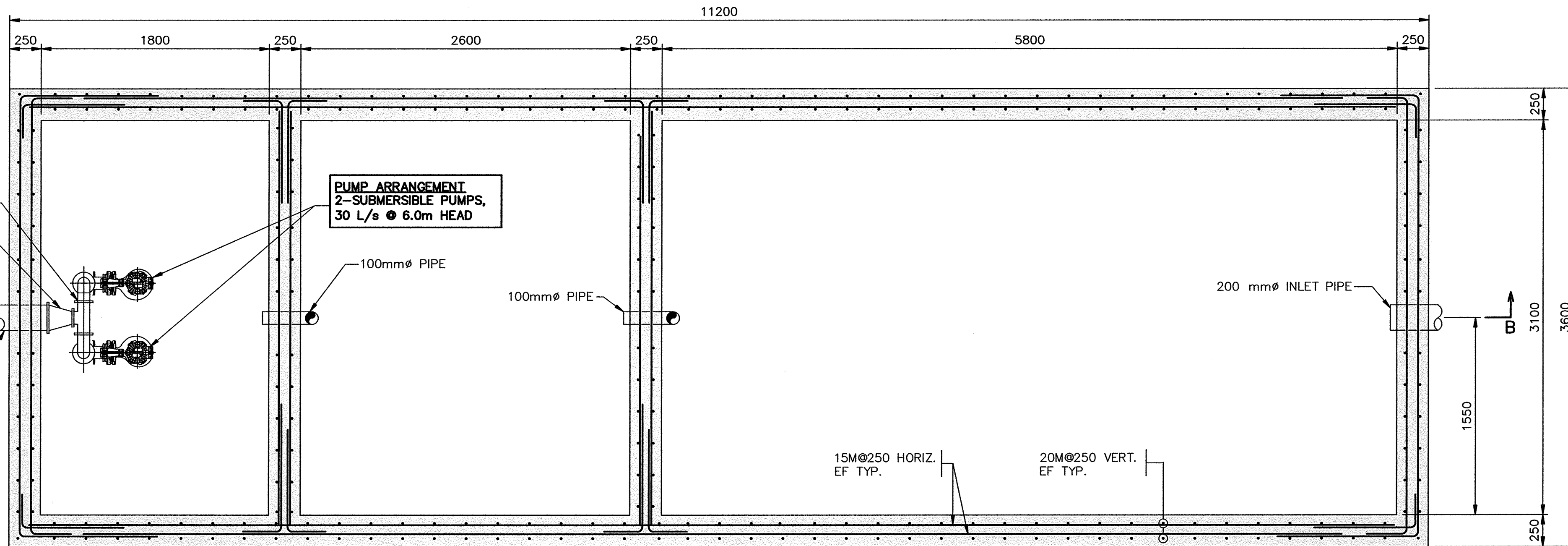


LEGEND:

ES — EACH SIDE
EW — EACH WAY
EF — EACH FACE
TUL — TOP UPPER LAYER
TLL — TOP LOWER LAYER
BUL — BOTTOM UPPER LAYER
BLL — BOTTOM LOWER LAYER

100mm off 100mmØ TEE
100mm TO 150mmØ INCREASER
150mmØ OUTLET PIPE



PLAN — CONCRETE SEPTIC TANK
SCALE 1:25

NOTES (CON'T):

- REINFORCEMENT TO BE CONTINUOUS THROUGH CONTROL & CONSTRUCTION JOINTS.
- LOCATION AND DETAILS OF CONSTRUCTION JOINTS TO BE APPROVED BY ENGINEER. CONSTRUCTION JOINTS TO CAN3-A23.1
- ALL EXCAVATION AND BACKFILL TO BE APPROVED BY ENGINEER PRIOR TO FOUNDATION CONSTRUCTION.
- PROVIDE DOWELS AT ALL WALL CORNERS, INTERSECTIONS AND CONNECTIONS TO BASE SLAB AND ROOF SLAB AS INDICATED ON TYPICAL DETAILS. DOWEL SPACING TO MATCH WALL REINFORCING. AT DETAILER'S DISCRETION, FULL LENGTH HOOKED BARS CAN BE USED IN LIEU OF DOWELS. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- BASE SLAB TO BEAR ON MINIMUM 300mm LAYER OF 'CLASS A' GRANULAR FILL ON UNDISTURBED DENSE NATIVE SAND. COMPACT TO 100% OF MAXIMUM STANDARD PROCTOR DRY DENSITY. (MAX. LIFT THICKNESS 150mm).
- ROOF SLAB TO BE CURED MINIMUM 7 DAYS PRIOR TO COMMENCING BACKFILLING. BACKFILL EQUALLY ON ALL SIDES.
- BACKFILL AROUND PERIPHERY AND TOP OF TANK WITH APPROVED GRANULAR FILL MATERIAL. DO NOT COMPACT.
- AT UNDERSIDE OF BASE SLAB, LOOSE, SOFTENED OR OTHERWISE DISTURBED MATERIAL MUST BE REMOVED AND REPLACED WITH 'CLASS A' GRANULAR FILL AS PER NOTE 11.
- NO VEHICLE ACCESS PERMITTED ABOVE TANK.

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

Consultant

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
HATCH MOTT MacDonald LTD.
To practice Professional Engineering in Newfoundland and Labrador
Permit No. as issued by PEG-NL X0316 which is valid for the year 2015



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- CONCRETE SPECIFICATIONS:
 - MINIMUM 28 DAY COMPRESSIVE STRENGTH: 35Mpa
 - CLASS OF EXPOSURE: A-1
 - MAXIMUM WATER TO CEMENT MATERIALS RATIO: 0.40
 - AIR CONTENT: 5-8%
 - SLUMP AT DISCHARGE: 75mm ±25mm
 - NOMINAL MAXIMUM SIZE OF AGGREGATE: 20mm
- CONCRETE COVER FOR REINFORCEMENT: 60mm, 50mm TO TIES.
- REINFORCING STEEL: MINIMUM YIELD STRESS OF 400 MPa.
- REINFORCING STEEL SPLICES AND BENDS TO CAN3-A23.3 AND CAN3-A23.1 LATEST EDITION. LAP SPLICES TO BE CLASS B TENSION LAP SPLICES.

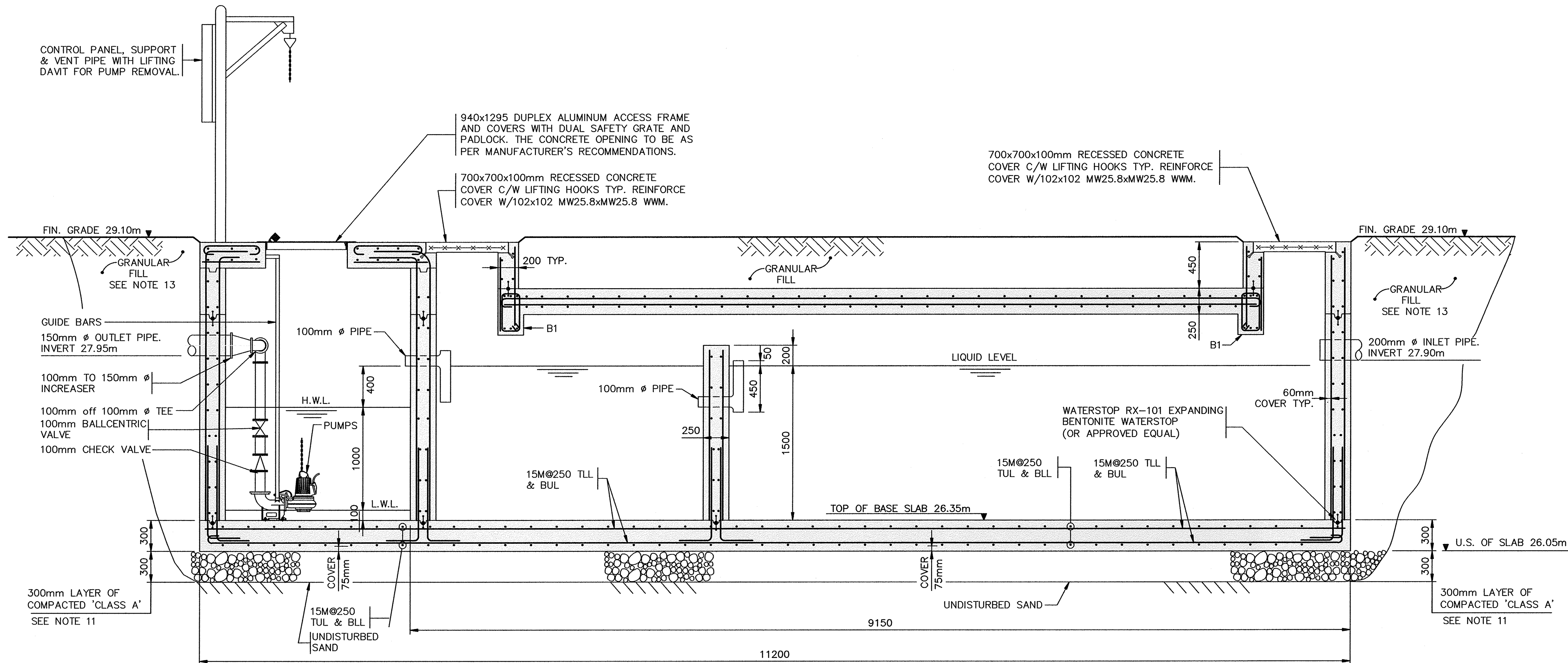
C	ISSUED FOR TENDER	10/13/2015
B	RE-ISSUED FOR CLIENT REVIEW	02/23/2010
A	ISSUED FOR CLIENT REVIEW	09/10/2009
revisions		date
project		projet

TERRA NOVA NATIONAL PARK
NEWMAN SOUND CAMPGROUND
WASTEWATER DUMPING STATION

drawing dessin

SEPTIC TANK PLAN & SECTION

designed	K. GOODYEAR	conçu
date	SEP. 10, 2009	
drawn	M. LEGGE	dessiné
date	SEP. 10, 2009	
approved	S. SMITH	approuvé
date	SEP. 10, 2009	
Tender		
PWSC Project Manager		Administrateur de projets TPSGC
project number		no. du projet
	R.078626.001	
drawing no.		no. du dessin
	C5 of 8	



SECTION B-B
SCALE 1:25