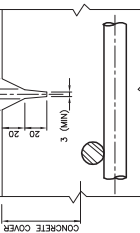


HWY. 403
 CONT 2013-2005
 WP NO. 2375-09-01
 MOHAWK ROAD UNDERPASS
 NORTH BARRIER WALL WITH RAILING
 PL2 - GFRP REBAR

SHEET
 107



METRIC
 DIMENSIONS ARE IN METRES
 AND/OR MILLIMETRES
 UNLESS OTHERWISE SHOWN



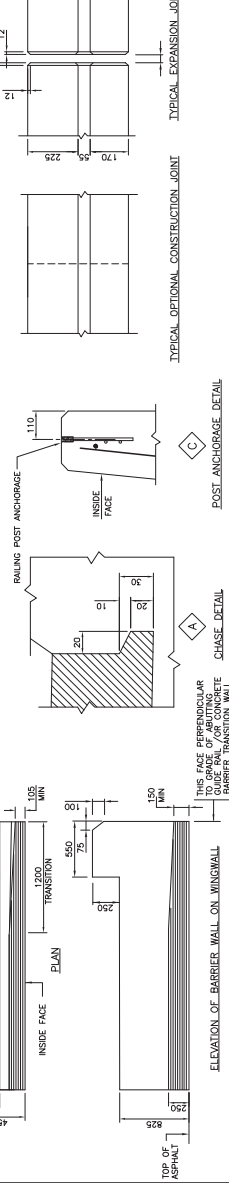
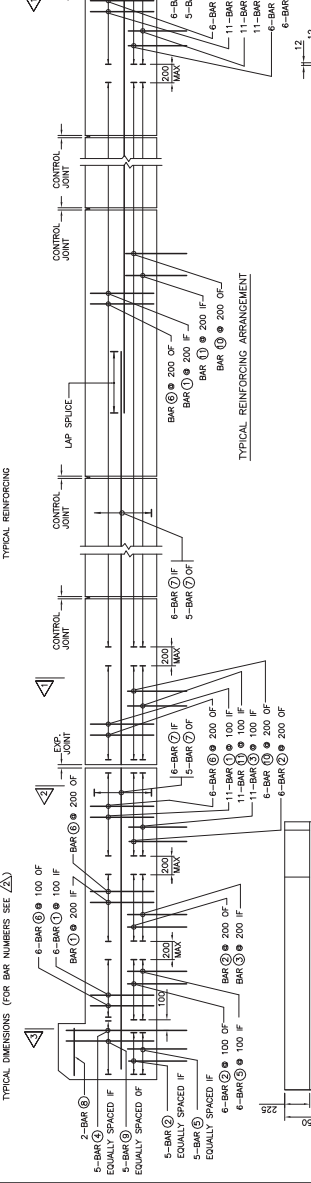
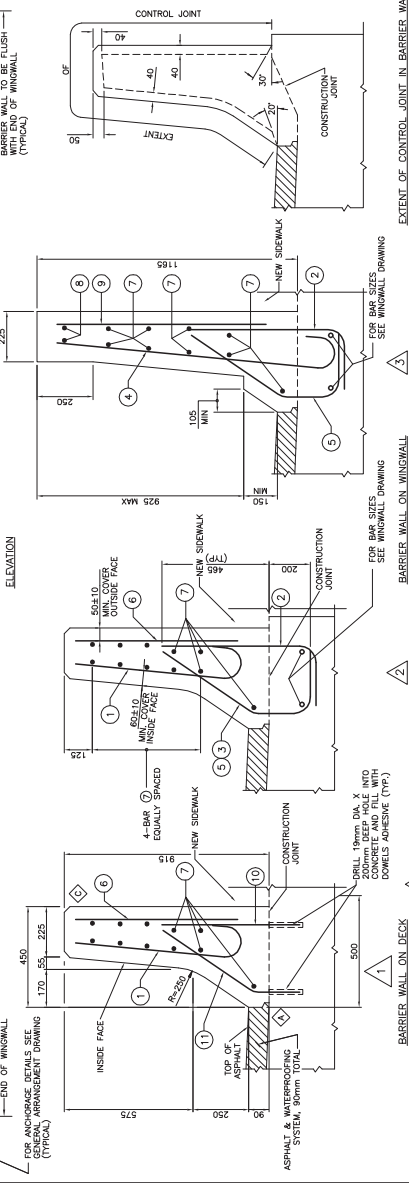
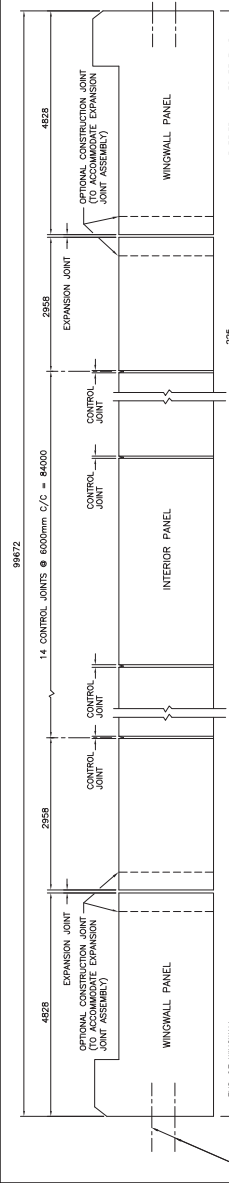
- NOTES:
- CHASE REQUIRED ON HIGH AND LOW SIDE OF CROSSFALL. CONCRETE COVER TO REINFORCING 60mm EXCEPT AS SHOWN.
 - REINFORCING SHALL BE GLASS FIBRE REINFORCED POLYMER (GFRP) WITH A MINIMUM GUARANTEED TENSILE STRENGTH (F_t) AND A MINIMUM TENSILE MODULUS OF ELASTICITY (E) AS FOLLOWS:

SIZE	F _t (MPa)	E (GPa)
16M	655	40.8
16M	655	40.8

WHERE
 16M = 16mm DIA REBAR

- BAR LAP SPICE FOR HORIZONTAL REINFORCEMENT MUST NOT BE LESS THAN 1000mm.
- MINIMUM BAR LAP SPICE TO BE 500mm, UNLESS OTHERWISE SHOWN.
- LENGTH OF HORIZONTAL BAR TO SUIT CONTRACTOR'S OPERATIONS. BAR LENGTHS NEED NOT MATCH DISTANCE BETWEEN CONTROL JOINTS.
- CONTROL JOINTS FOR REBAR TO BE FORWARDED.
- CONTROL JOINTS FOR FORMWORK NOT TO BE LEFT IN PLACE.
- OPTIONAL CONSTRUCTION JOINTS TO BE LOCATED WITHIN LIMITS OF CONCRETE DAMS ON SECK OR BALLAST WALL.

11. LEGEND
 EF DENOTES EACH FACE
 OF DENOTES OUTSIDE FACE



REVISIONS:

NO.	DATE	DESCRIPTION
1	2013-07-12	ISSUED FOR PERMIT
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100	2013-07-12	ISSUED FOR PERMIT



APPLICABLE STANDARD DRAWINGS
 SS110-21 RAILING FOR BARRIER/PARKET WALL
 STANDARD DRAWING
 AUGUST 2007
 SS110-58 (MOD)
 BARRIER WALL WITH RAILING - PL2
 GFRP REBAR

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