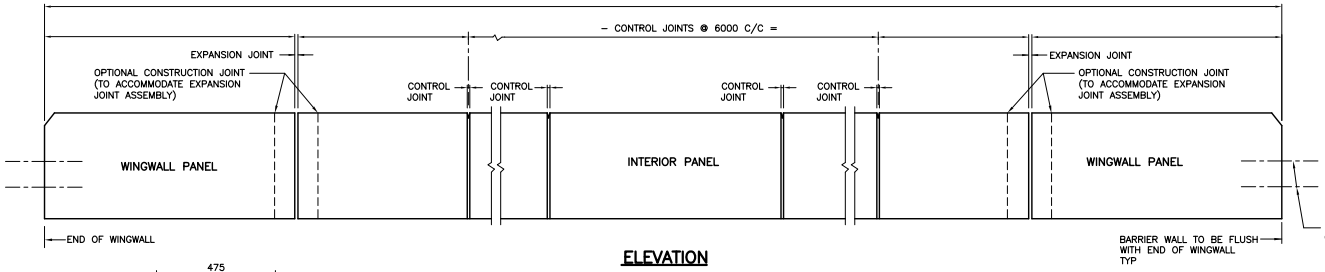
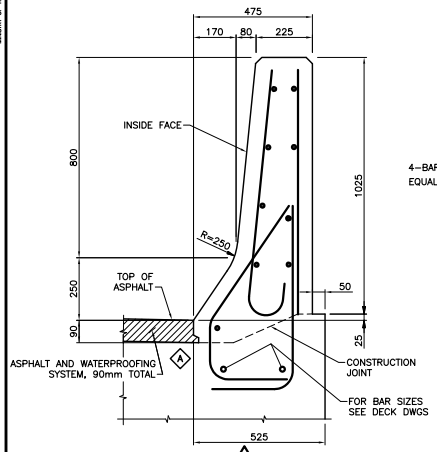
METRIC
DIMENSIONS ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN

CONT No WP No	SHEET
BARRIER WALL W/O RAILING–PL3 STAINLESS STEEL REBAR	

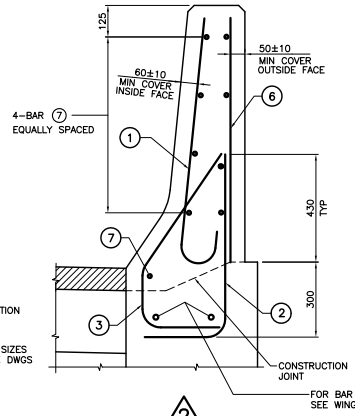


ELEVATION



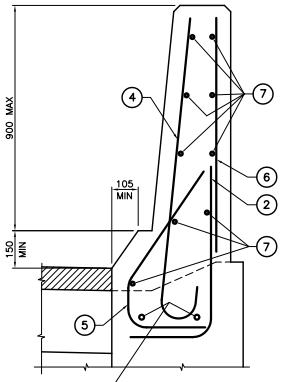
1

BARRIER WALL ON DECK



2

BARRIER WALL ON WINGWALL
TYPICAL REINFORCING



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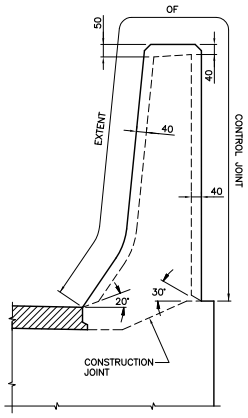
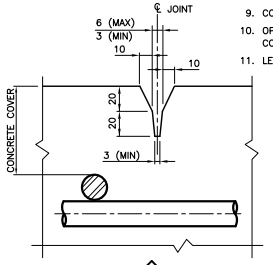


EXTENT OF CONTROL JOINT IN BARRIER WALL



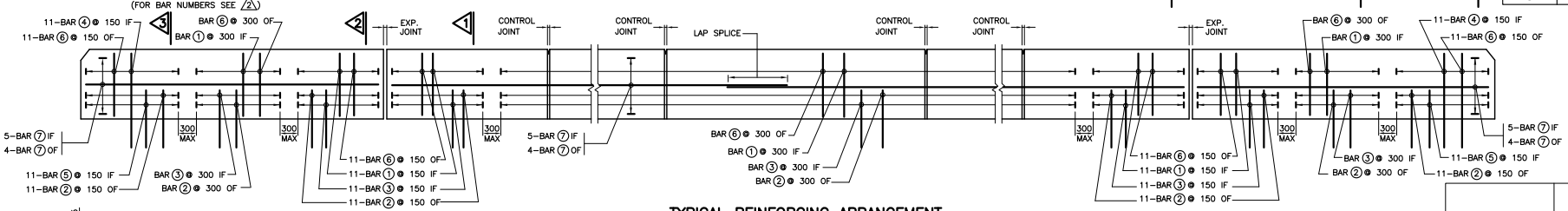
B

CONTROL JOINT DETAIL

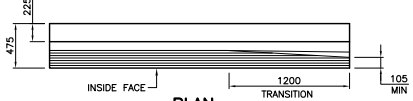
NOTES:

1. CHASE REQUIRED ON HIGH AND LOW SIDE OF CROSSFALL.
2. CONCRETE COVER TO REINFORCING STEEL 60±10mm EXCEPT AS NOTED.
3. REINFORCING STEEL SHALL BE STAINLESS TYPE 316LN OR DUPLEX 2205 WITH A MINIMUM YIELD STRENGTH OF 500MPa.
4. BAR LAP SPLICE FOR HORIZONTAL REINFORCEMENT MUST NOT LAP THROUGH CONTROL JOINT.
5. MINIMUM BAR LAP SPLICE TO BE 550mm, UNLESS OTHERWISE SHOWN.
6. LENGTH OF HORIZONTAL BAR TO SUIT CONTRACTOR'S OPERATIONS. BAR LENGTHS NEED NOT MATCH DISTANCE BETWEEN CONTROL JOINTS.
7. CONTROL JOINT TO BE FORMED.
8. SAWCUTS NOT PERMITTED.
9. CONTROL JOINT FORM HARDWARE NOT TO BE LEFT IN PLACE.
10. OPTIONAL CONSTRUCTION JOINTS TO BE LOCATED WITHIN LIMITS OF CONCRETE DAMS ON DECK OR BALLAST WALL.
11. LEGEND:
    EF – DENOTES EACH FACE
    IF – DENOTES INSIDE FACE
    OF – DENOTES OUTSIDE FACE

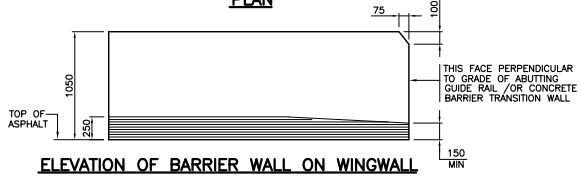
BAR MARK	SIZE	SHAPE
1	S15M	65, 130, 900
2	S10M	300, 740
3	S15M	205, 540, 300, 315
4	S15M	65, 130, 1130
5	S15M	160, 540, 300, 315
6	S10M	STRAIGHT
7	S15M	STRAIGHT



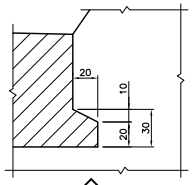
TYPICAL REINFORCING ARRANGEMENT



PLAN

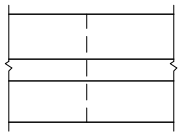


ELEVATION OF BARRIER WALL ON WINGWALL

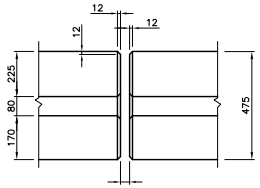


A

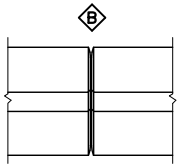
CHASE DETAIL



TYPICAL OPTIONAL CONSTRUCTION JOINT



TYPICAL EXPANSION JOINT



B

TYPICAL CONTROL JOINT

DRAWING NOT TO BE SCALED
100mm ON ORIGINAL DRAWING

REFER TO 1.1.8 IN THE STRUCTURAL MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

STANDARD DRAWING JAN 2012	SS110–61
BARRIER WALL W/O RAILING – PL3 STAINLESS STEEL REBAR	

REVISIONS	DESCRIPTION		
DESIGN	CHK	CODE CHBDC–00	DATE
DRAWN	CHK	SITE	DWG

MINISTRY OF TRANSPORTATION, ONTARIO PR-D-707 88-05