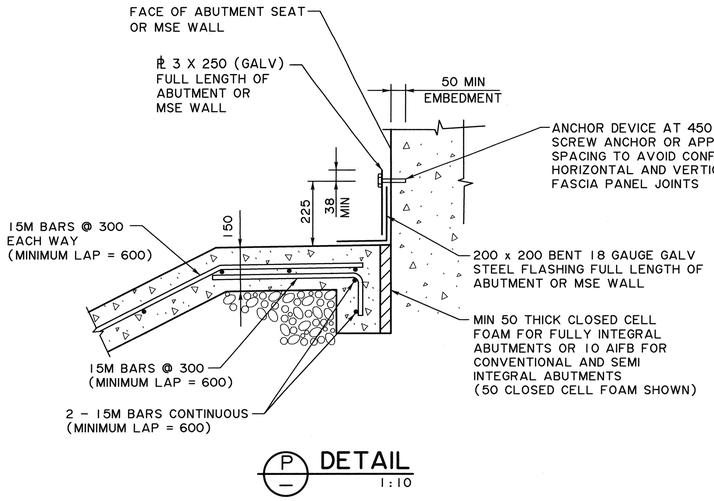
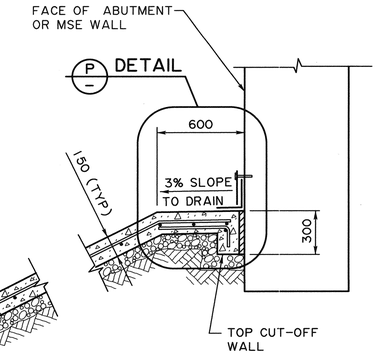
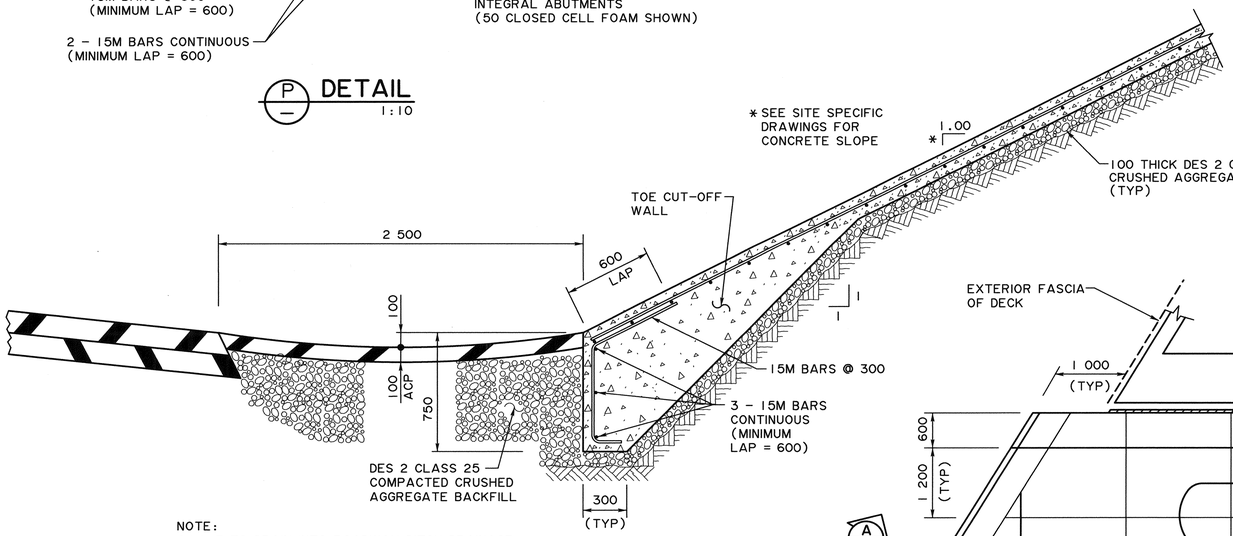


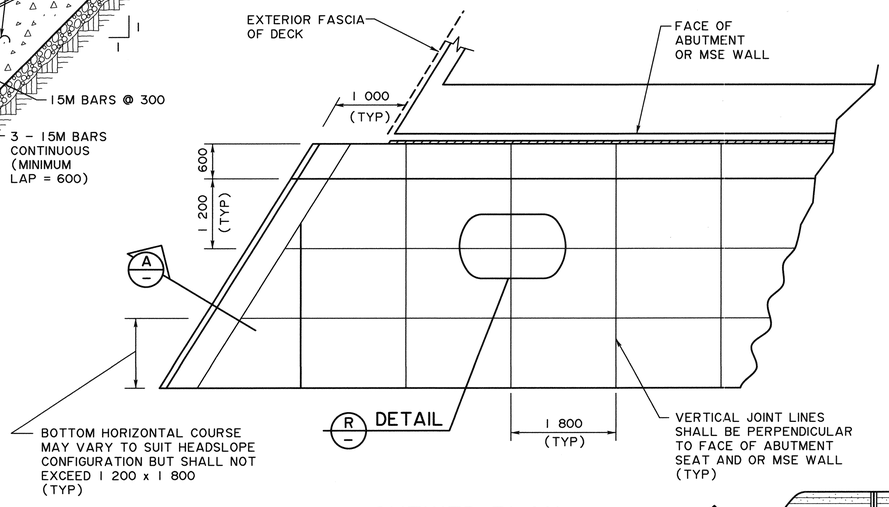
P DETAIL
1:10



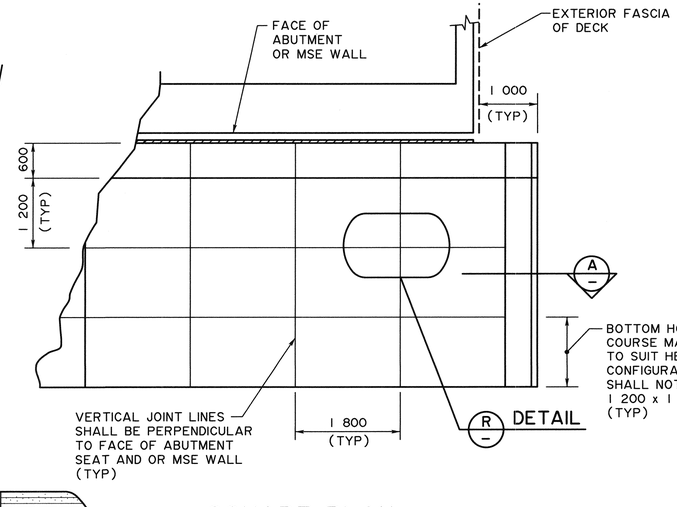


NOTE:
- SWALE TO DRAIN INTO ROADWAY DITCH DRAINAGE SEE SITE SPECIFIC DRAWINGS FOR TIE IN DETAILS
- FOR RING ROAD PROJECTS THE SWALE DIMENSION SHALL BE 3 000

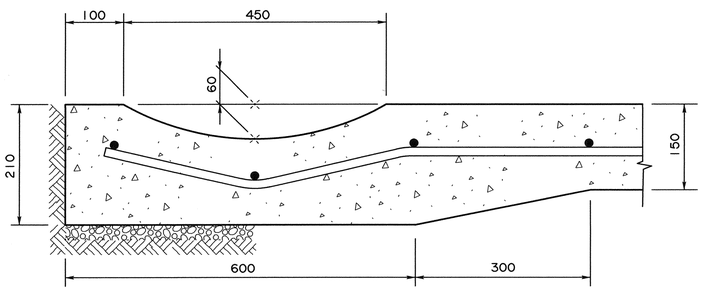
CONCRETE SLOPE PROTECTION SECTION
1:20



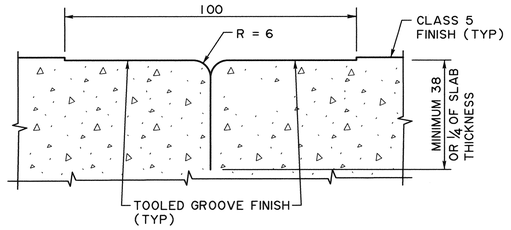
SKEWED PLAN
1:50



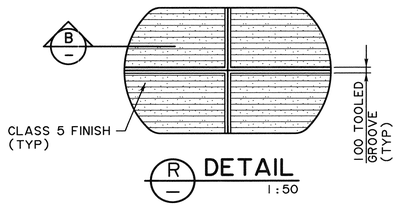
SQUARE PLAN
1:50



A SECTION
1:5



B SECTION
1:1



R DETAIL
1:50

GENERAL NOTES
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 4
- REINFORCING STEEL SHALL BE PLAIN REINFORCING STEEL AND BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 5
- CONCRETE SHALL BE CLASS C WITH MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'c$ = 35 MPa
- ASPHALT IMPREGNATED FIBRE BOARD (AIFB) SHALL MEET THE REQUIREMENTS OF ASTM D1751
- CLOSED CELL FOAM SHALL BE EVAZOTE CROSSED - LINKED ETHYLENE VINYL ACETATE COPOLYMER 30 kg/m³
- ALL CONCRETE SHALL BE PLACED IN ALTERNATE HORIZONTAL OR VERTICAL COURSES. FIRST COURSES SHALL HAVE CURED A MINIMUM OF 24 HOURS PRIOR TO PLACING ADJACENT COURSES
- ALL JOINTS SHALL BE FORMED USING A BRONZE SIDEWALK TYPE GROOVING TOOL 100 WIDE AND ROUNDED EDGES TO 6 RADIUS
- CONCRETE SURFACES BETWEEN TOOLED GROOVES SHALL BE GIVEN A CLASS 5 FINISH. BROOM FINISH SHALL BE PARALLEL TO THE ABUTMENT SEAT
- TWO COATS OF A TYPE 2 CURING COMPOUND MEETING THE REQUIREMENTS OF ASTM C309 OR C1315 SHALL BE APPLIED TO CONCRETE SURFACES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION SECTION 4
- CLEAR CONCRETE COVER IS 60 UNLESS NOTED OTHERWISE. THE CONCRETE COVER TO REINFORCING STEEL SHALL BE WITHIN CONCRETE PLACEMENT TOLERANCES AS SPECIFIED IN STANDARD SPECIFICATIONS OF BRIDGE CONSTRUCTION
- STEEL SHEET FLASHING SHALL CONFORM TO ASTM A653/A653M AND BE GALVANIZED
- CONCRETE SLOPE PROTECTION SHOWN FOR CONVENTIONAL ABUTMENTS. MSE WALL CONCRETE SLOPE PROTECTION SIMILAR EXCEPT 600 BENCH AT TOP OF CUT OFF WALL IS NOT REQUIRED

REV	DATE	REVISION	BY
5			
4			
3			
2			
1			

DESIGNER DB DB CHECKER MT

RECOMMENDED DIRECTOR BRIDGE ENGINEERING

APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH
D Williamson
DATE 2021-3-2

Alberta Transportation

STANDARD CONCRETE SLOPE PROTECTION

DATE	SHEET	DRAWING
2020-09-04	1 OF 1	S-1409-20