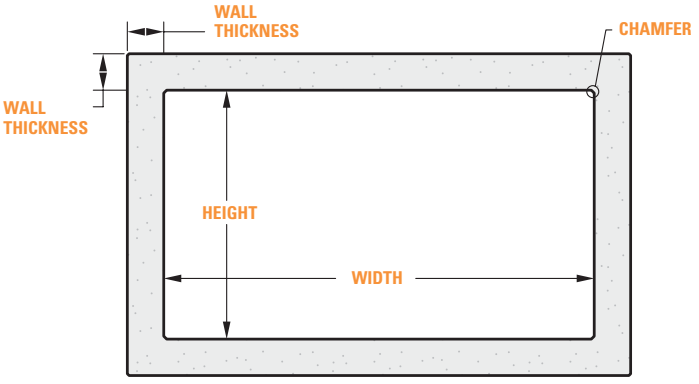
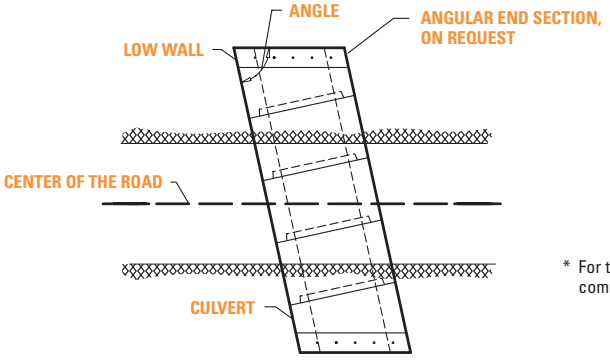
RECTANGULAR CULVERTS WITHOUT GUSSETS



TYPICAL CUT VIEW



PLAN VIEW (ANGULAR END)

* For the feasibility of an angular end section, communicate with our engineering department.

CHARACTERISTICS

MODEL	DIMENSIONS (mm)		WALL THICKNESS	HYDRAULIC SURFACE (m2)	WEIGHT (kg) (m.l.)	MAXIMUM LENGTH (mm)
	WIDTH	HEIGHT				
PR1400	1400	1400	175	1,96	2515	2150
PR1850	1850	1850	200	3,42	3760	2150
PR2150	2150	2150	225	4,62	4900	2150
PR2450	2450	2450	240	6,00	5925	2150
PR2500	2500	1500	250	3,75	5165	2350
PR3000	3000	2000	250	6,00	6315	2350
PR3500	3500	2000	250	7,00	7050	2350

* All dimensions are in millimeters.
** For all other dimensions, communicate with our engineering department.

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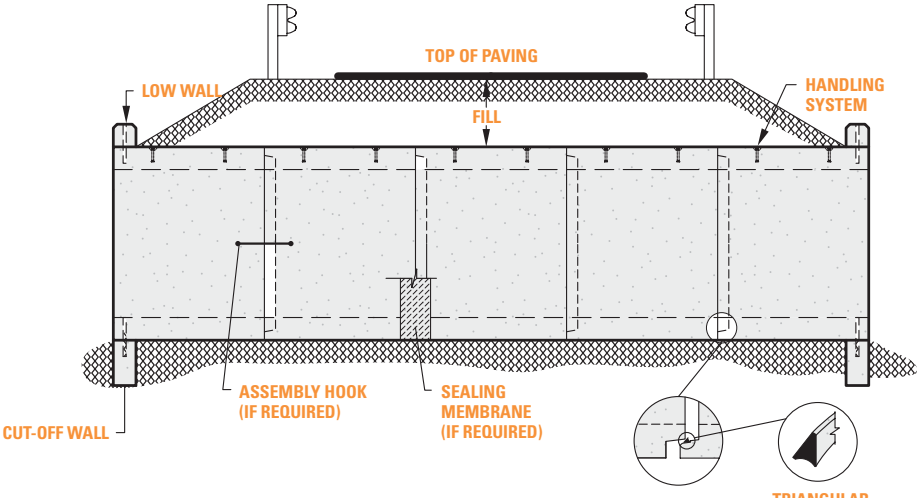
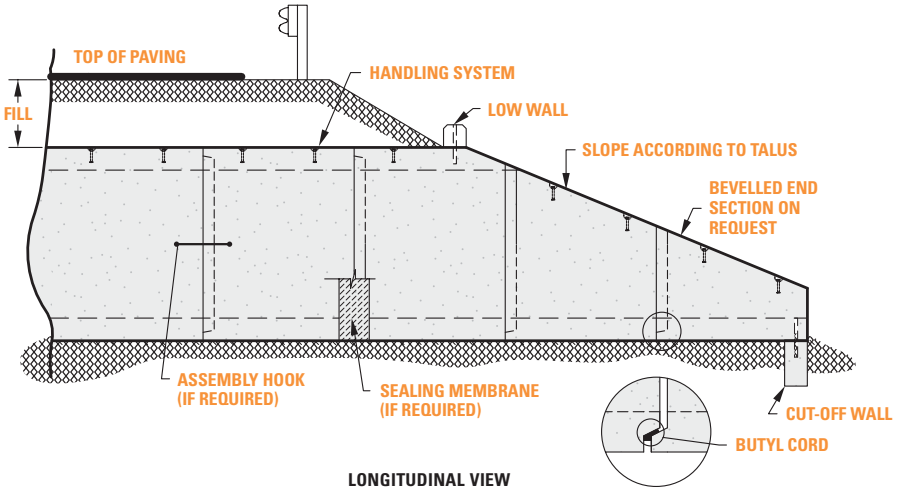
DETAILS



LONGITUDINAL STANDARD CULVERT VIEW



LONGITUDINAL VIEW

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TECHNICAL DATA

STANDARDS, MANUFACTURING AND MATERIALS

The concrete and the reinforcement steel of our box culverts meet the following standards:

- CSA A23.1
- CSA A23.2
- CSA A23.4

The chafing strips or rubber gaskets are in conformity with the following standard:

- ASTM C-443

The butyl seals are in conformity with the following standard:

- ASTM C-990M

DESIGN

The design of the culverts is carried out according to the specific conditions of its use.
The design is carried out in accordance with one of the following standards:

- CSA A23.3 DESIGN OF CONCRETE STRUCTURE
- CAN/CSA-S6 CANADIAN HIGHWAY BRIDGE DESIGN CODE

ADVANTAGES

- This structure is manufactured under ideal conditions in factory.
- This structure can be used for hydraulic leads and underpasses.
- Precast male-female joints are carried out using a factory formwork.
- Chafing strips or rubber gaskets, installed in factory, ensures the sealing between the sections.
- The assembly of the culvert sections is fast and simple.
- Each section is provided with lifting lugs. The contractor will facilitate his work by using the suitable handling slings for unloading and the installation.