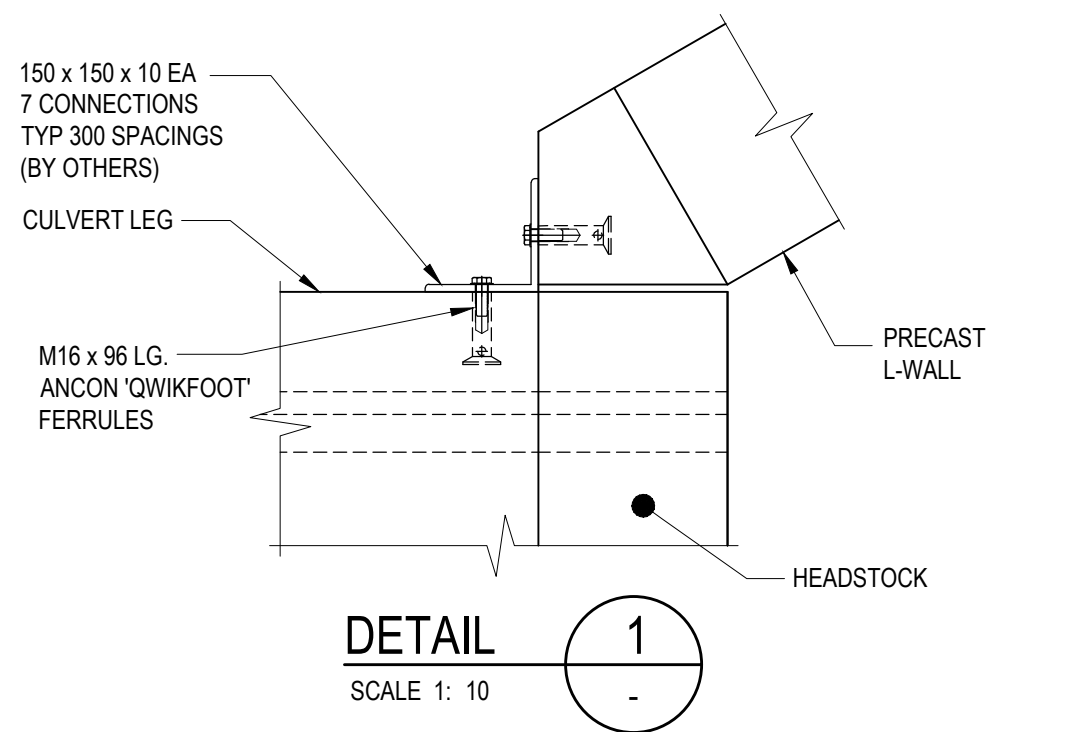
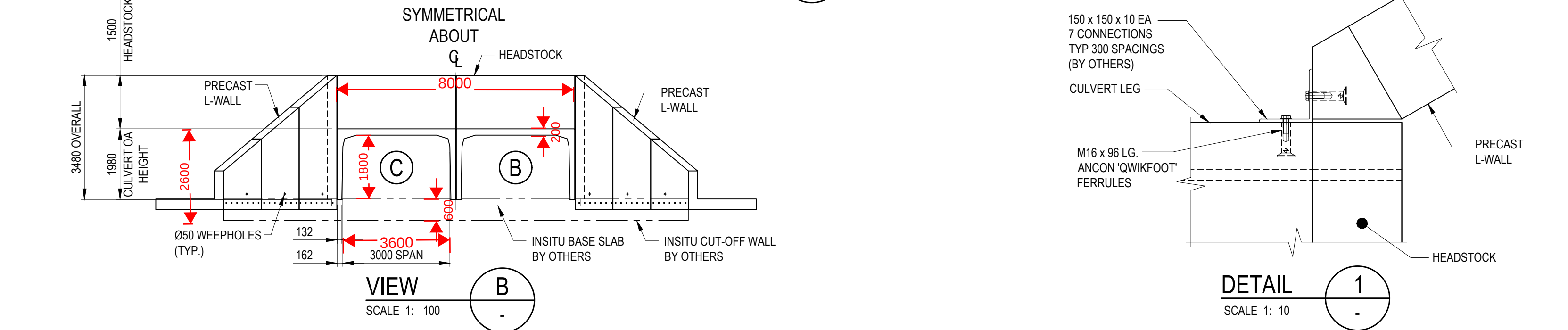
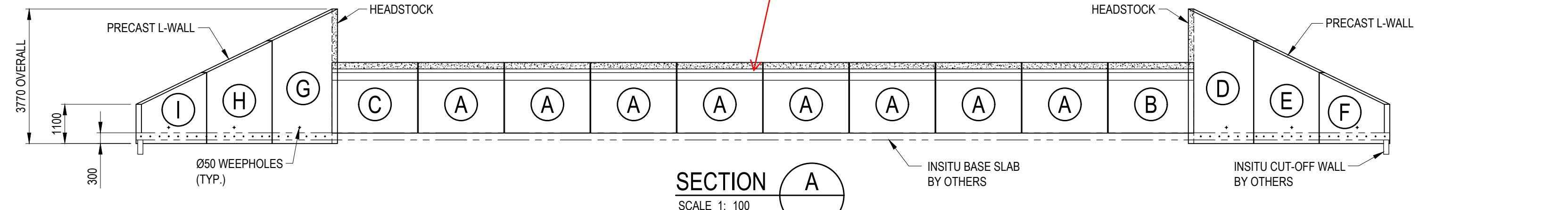
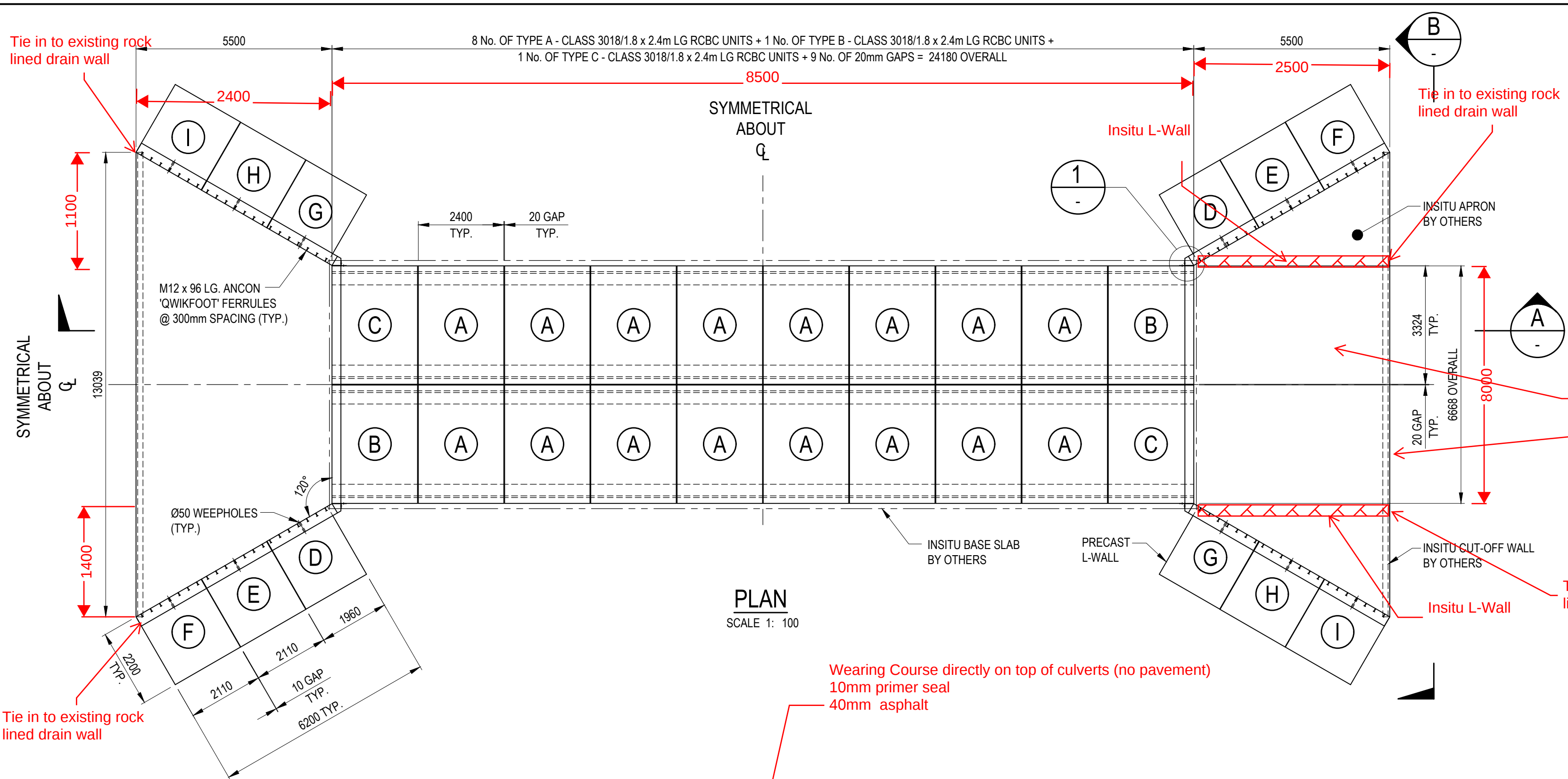




UNIT TYPE	DESCRIPTION	No. OF	DWG No.
A	CLASS 3018/1.8 - SM1600 RCBC UNIT, L=2.40m	16	34597-BC-02
B	CLASS 3018/1.8 - SM1600 RCBC UNIT, L=2.40m WITH CAST-IN HEADSTOCK	2	34597-BC-05
C	CLASS 3018/1.8 - SM1600 RCBC UNIT, L=2.40m WITH CAST-IN HEADSTOCK	2	34597-BC-08
D	L-WALL, RIGHT HAND UNIT	2	34597-WW-01
E	L-WALL, RIGHT HAND UNIT	2	34597-WW-04
F	L-WALL, RIGHT HAND UNIT	2	34597-WW-07
G	L-WALL, LEFT HAND UNIT	2	34597-WW-10
H	L-WALL, LEFT HAND UNIT	2	34597-WW-13
I	L-WALL, LEFT HAND UNIT	2	34597-WW-16
TOTAL UNITS REQUIRED		32	

CLIENT APPROVAL

NAME : _____

SIGNATURE : _____

DATE : _____

HUMES HEALTH SAFETY & ENVIRONMENT

1. LIFTERS TO BE PLACED IN LOCATIONS SHOWN BY DRAWINGS ONLY. LIFTING ANCHORS SHALL ONLY BE USED FOR LIFTING A SINGLE UNIT.

2. ALL PRECAST UNITS SHALL BE HANDLED AND ERECTED IN ACCORDANCE WITH HUMES RECOMMENDATIONS IN THE SPECIFIC HANDLING AND INSTALLATION GUIDES IF APPLICABLE.

APPROVAL OF THIS DRAWING PROVIDES AN UNDERTAKING THAT SAFETY IN DESIGN HAS BEEN CONSIDERED FOR ALL ASSOCIATED DRAWINGS AND WHERE APPROPRIATE INCORPORATED INTO THE DESIGN. IDENTIFIED SAFETY RISKS WHICH COULD NOT BE MITIGATED THROUGH DESIGN HAVE BEEN HIGHLIGHTED ABOVE. THESE DO NOT INCLUDE RISKS THAT AN EXPERIENCED OPERATOR WOULD TYPICALLY BE AWARE OF AND FURTHER HSE RISK ASSESSMENTS ARE TO BE UNDERTAKEN AS REQUIRED.

- DESIGN BASIS:**
- DESIGNED TO: AS5100.5:2017 AND MRWA SPECIFICATION 404 (11/23)
 - SELF WEIGHT CONCRETE @ 25.0 kN/m³
 - FILL DEPTHS @ 22.0 kN/m³. 1.500 m TO 1.800 m IN 0.200 m STEPS
 - CONSTRUCTION LOADS @ 0.400 m: W80, A160, M1600
 - STANDARD VEHICLES FOR: AS5100.2-2017:SM1600 + HLP400
 - INSTALLATION CONDITION: EMBANKMENT
 - BACKFILL COMPACTION: COMPACTED
 - IT IS THE CLIENT'S RESPONSIBILITY TO ENSURE THE ABOVE DESIGN CRITERIA IS ACCURATE AND TRUE.

- GENERAL NOTES:**
- EXPOSURE CLASSIFICATION: B1 TO AS5100.5-2017
 - MINIMUM COVER TO REINFORCEMENT = 30 mm (NOMINAL COVER TO REINFORCEMENT = 35 mm ±5 mm UNO)
 - CONCRETE f_c = 50 MPa
 - STEEL FORMWORK AND INTENSE COMPACTION TO BE USED FOR CASTING
 - UNIT TO BE TRANSPORTED IN IT'S LEGS UP ORIENTATION
 - ALL LIFTER RECESSES ARE TO BE FILLED WITH NON-SHRINK CEMENTITIOUS MORTAR. FOR LIFTERS NOT REQUIRED FOR SITE HANDLING, THIS IS TO BE DONE PRIOR TO DESPATCH TO SITE.

REVISIONS

A	ISSUED FOR CLIENT APPROVAL	JMP	20-11-25	RRE
REV	DETAILS OF ALTERATIONS	DWN	DATE ISS.	CHKD BY

Humes
Holcim (Australia) Pty Ltd 2025
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ABN 87 099 732 297

DWG STATUS: NOT FOR MANUFACTURE

TECHNICAL SERVICES

ENG DSN BY: RRE
ENG DSN BY DATE: 10-11-25

ENG DSN CHK: CSM
ENG DSN CHK DATE: 10-11-25

DRAFT BY: JMP
DRAFT BY DATE: 14-11-25

DRAFT CHK: JPN
DRAFT CHK DATE: 18-11-25

APP: ASM
APP DATE: 20-11-25

CLIENT: SHIRE OF MERREDIN
KING STREET

TITLE 1: LARGE BOX CULVERT
CLASS 3018/1.8 - SM1600 RCBC
GENERAL ASSEMBLY

TITLE 2: 34597-BC-01

DWG No.: 34597-BC-01

PDF SHEET SIZE: A2

ISSUE: A

ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE. DO NOT SCALE