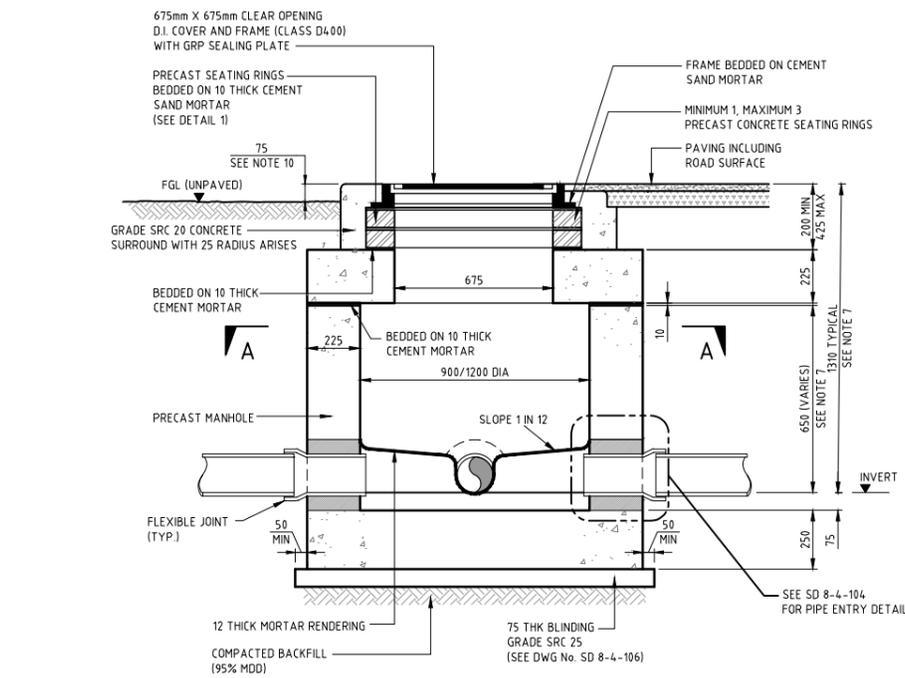
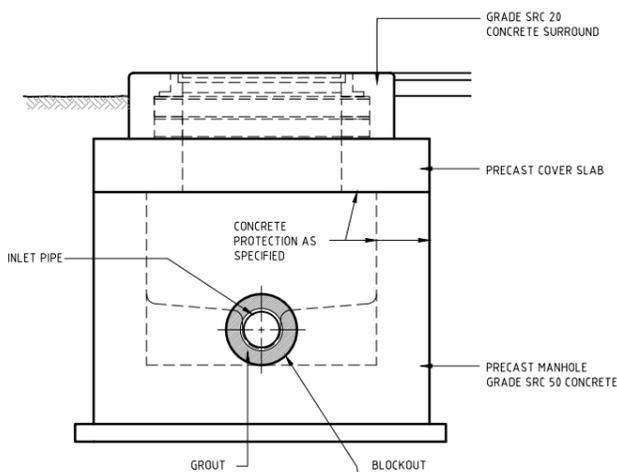


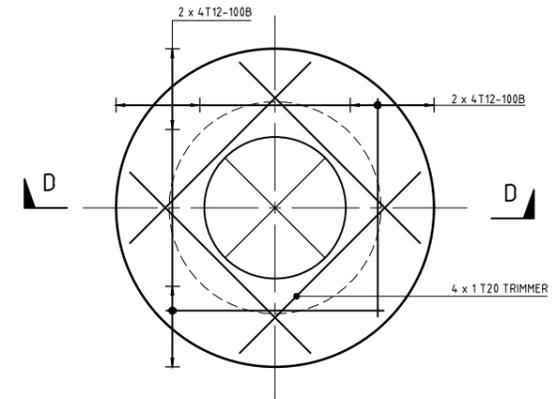
SECTION A-A



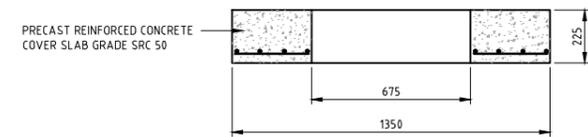
SECTION B-B
SCALE 1:15



SECTION C-C
SCALE 1:15

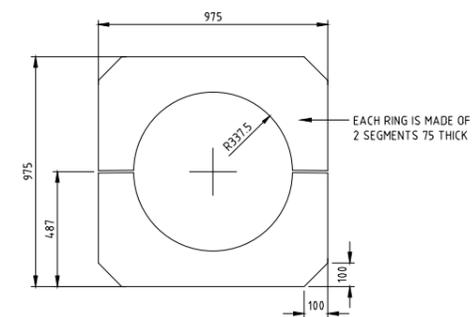


PLAN VIEW



SECTION D-D

PRECAST COVER SLAB
SCALE 1:15



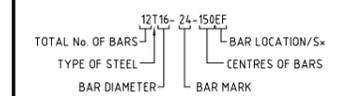
DETAIL 1
PRE-CAST CONCRETE SEATING RINGS
SCALE 1:15

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
- WHERE THERE IS A DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATION AND THOSE SHOWN ON THIS DRAWING THE SPECIFICATION SHALL BE FOLLOWED UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- VARIATION TO STANDARD DETAILS ARE PERMITTED TO MEET SITE SPECIFIC REQUIREMENTS SUBJECT TO THE APPROVAL OF THE ENGINEER.
- ALL JOINTS BETWEEN PIPES AND CONCRETE SHALL BE WATERTIGHT.
- THE OUTLET PIPE TO ASHGHAL NETWORK SHALL BE min 200mm IF THE POPULATION EQUIVALENT FROM THE PLOT EXCEEDS 500. THE OUTLET PIPE DIAMETER SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFIC DRAWING INCOMING AND THE OUTGOING PIPES SHALL BE LAID SOFFIT TO SOFFIT.
- THE DIMENSIONS OF WALL, SLABS SPECIFIED ON THIS DRAWING ARE APPLICABLE ONLY FOR MANHOLES WHERE DEPTH TO INVERT IS LESS THAN 1310mm FOR DEEPER MANHOLES GREATER THAN 1310mm, THE CONTRACTOR SHALL UNDERTAKE STRUCTURAL DESIGN AND SUBMIT FOR ENGINEER'S APPROVAL.
- ALL INTERNAL SURFACES TO BE PAINTED WITH TWO COATS OF FACTORY APPLIED APPROVED PROTECTIVE COATING (EPOXY PAINT).
- ALL EXTERNAL SURFACES SHALL BE PAINTED WITH TWO COATS OF APPROVED BITUMINOUS PAINT.
- RAISED COVERS TO BE USED IN UNPAVED OR UNFINISHED AREAS ONLY. FLUSH COVER TO BE USED IN ALL PAVED AREAS.
- ANY LIFTING HOOKS TO BE REMOVED AND GROUTED PRIOR TO BACKFILLING OF MANHOLE.
- MINIMUM REINFORCEMENT COVER SHALL BE 65mm.
- ALL PRECAST MANHOLES TO BE SUPPLIED BY ASHGHAL APPROVED CONTRACTOR OR MANUFACTURER.
- THE CONTRACTOR SHALL SUBMIT ALL DESIGN CALCULATION AND SHOP DRAWINGS INCLUDING STRUCTURAL DETAILS FOR ENGINEER'S APPROVAL.
- PRECAST CONCRETE MANHOLES TO BE IN ACCORDANCE WITH BS EN 1917:2002.
- STRUCTURAL DESIGN TO BE IN ACCORDANCE WITH BS 5400 AND DESIGN CRITERIA SET FORTH IN THE LR&DP DESIGN MANUAL APPENDIX H.

LEGEND:

REINFORCEMENT



x BAR LOCATIONS

T	TOP	FF	FAR FACE
B	BOTTOM	EF	FAR FACE
NF	NEAR FACE	EW	FAR FACE

6	JUN 22	ISSUED FOR USE	
5	APR 19	ISSUED FOR USE	
4	01 MAR 19	REVALIDATED ISSUE	
3	23NOV15	ISSUED FOR USE	
2	05JUL15	ISSUED FOR USE	
1	02JUN15	ISSUED FOR USE	
0	17NOV14	ISSUED FOR USE	

Rev.	Date	Revision Details	Appd.
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QCS Section:
Section 8 - Drainage Works
Part 4 - Pipeline Installation

Drawing Title:

PRECAST MANHOLE 1 (MH1) DETAILS

Approved:	Sheet No: 1 OF 1
Date: JUNE 2022	Scale: AS SHOWN
Drawing Number: SD 8-4-220	Revision: 6