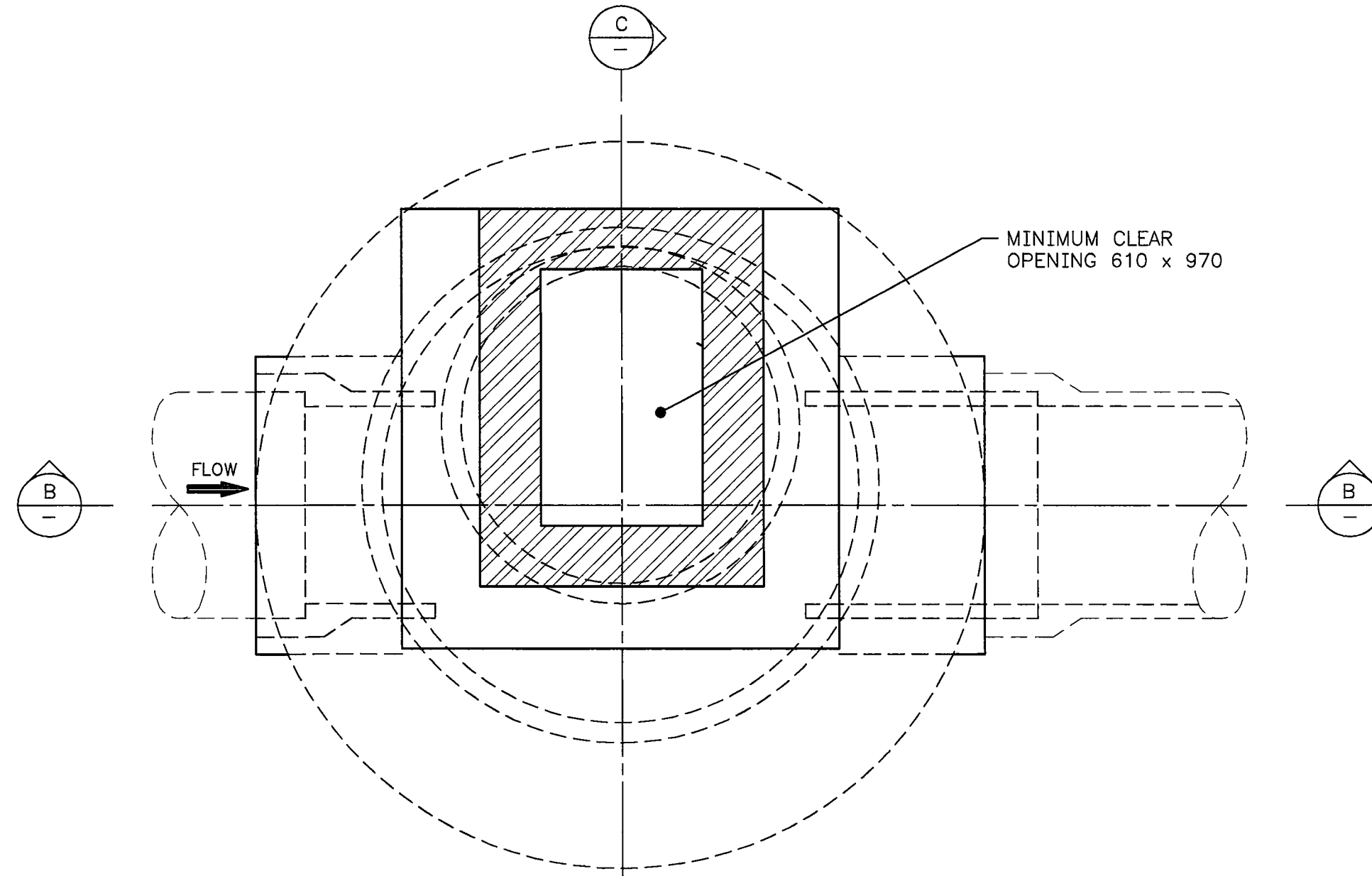
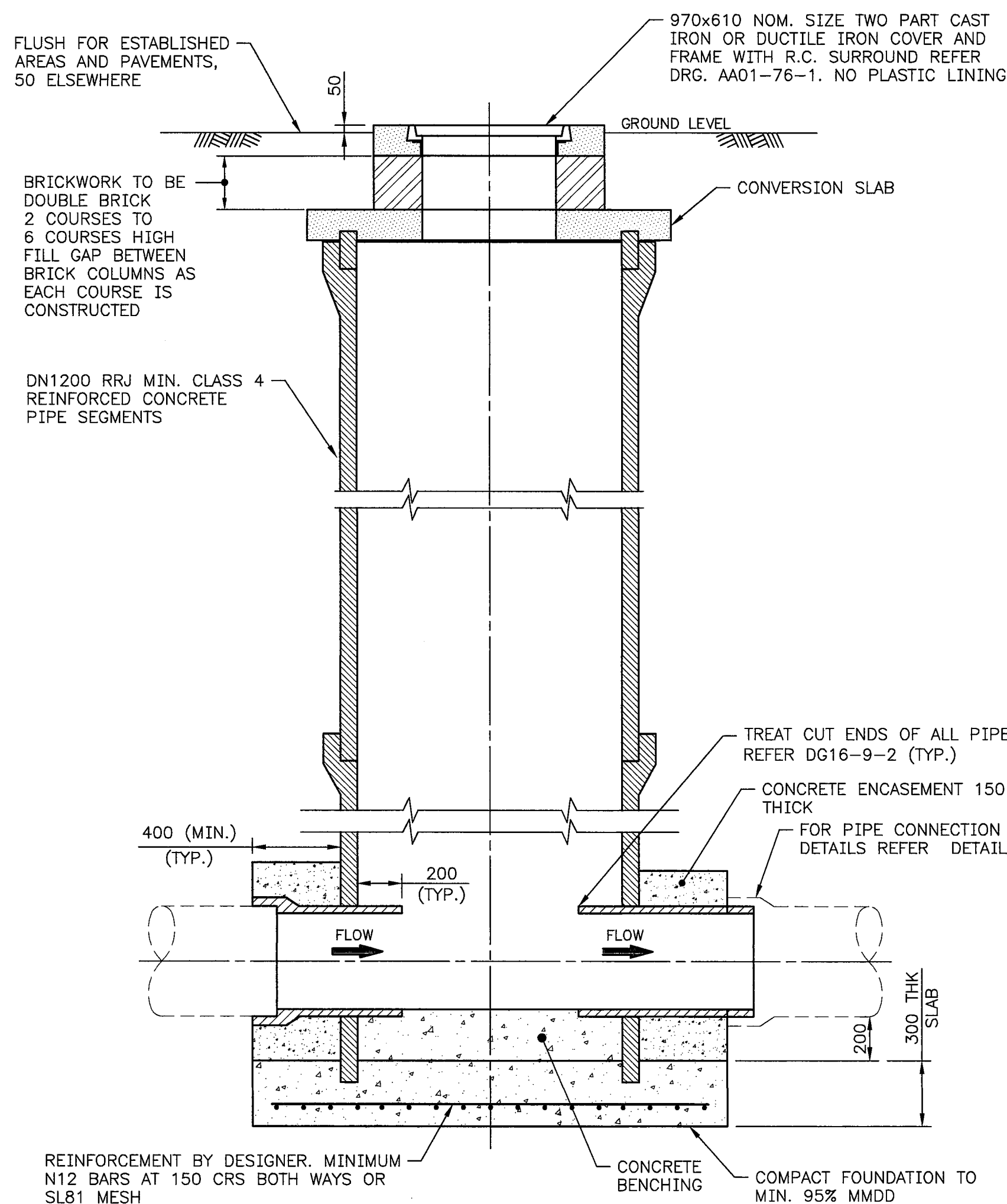


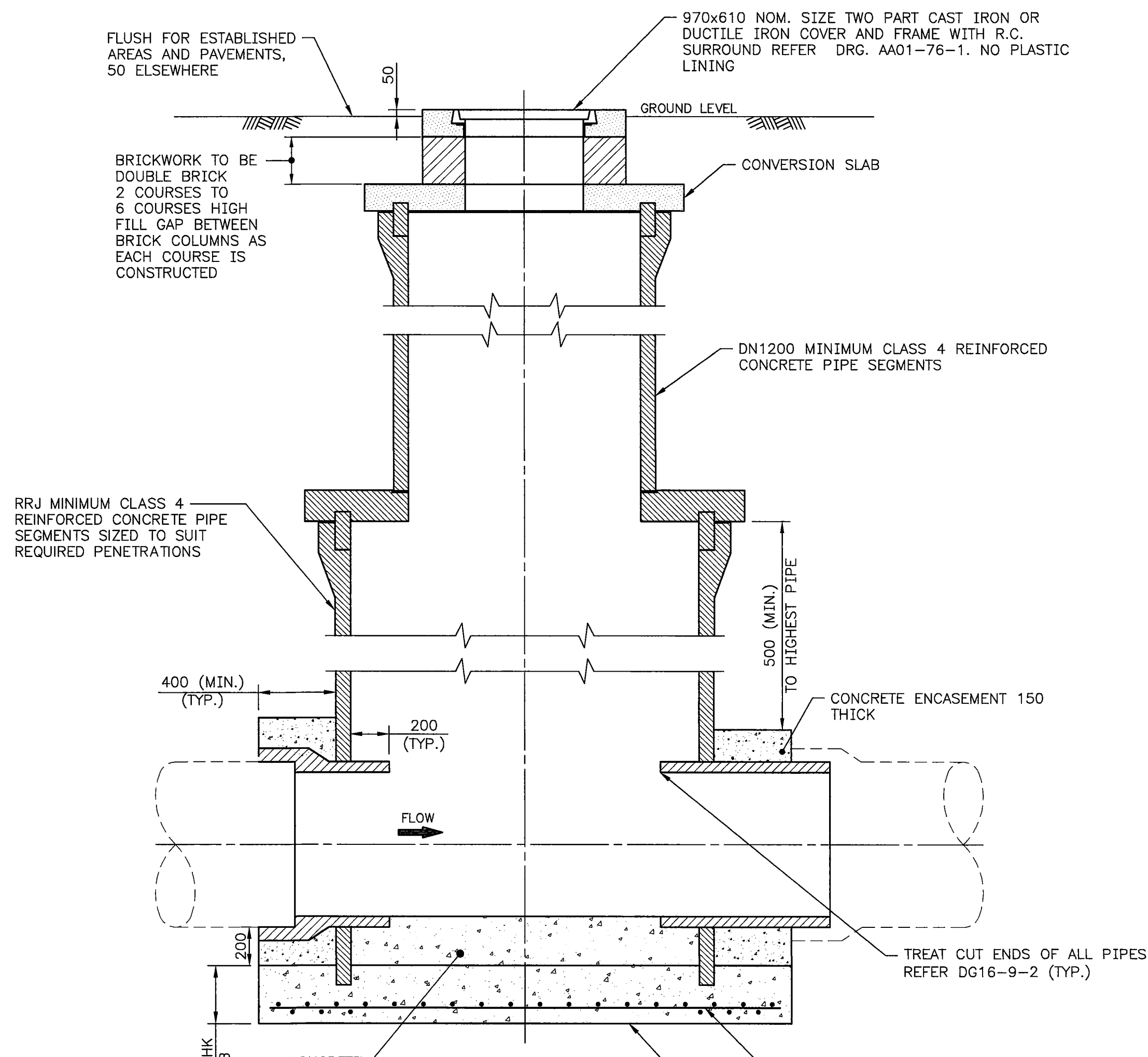
PLAN  
COVER NOT SHOWN  
SCALE: ①



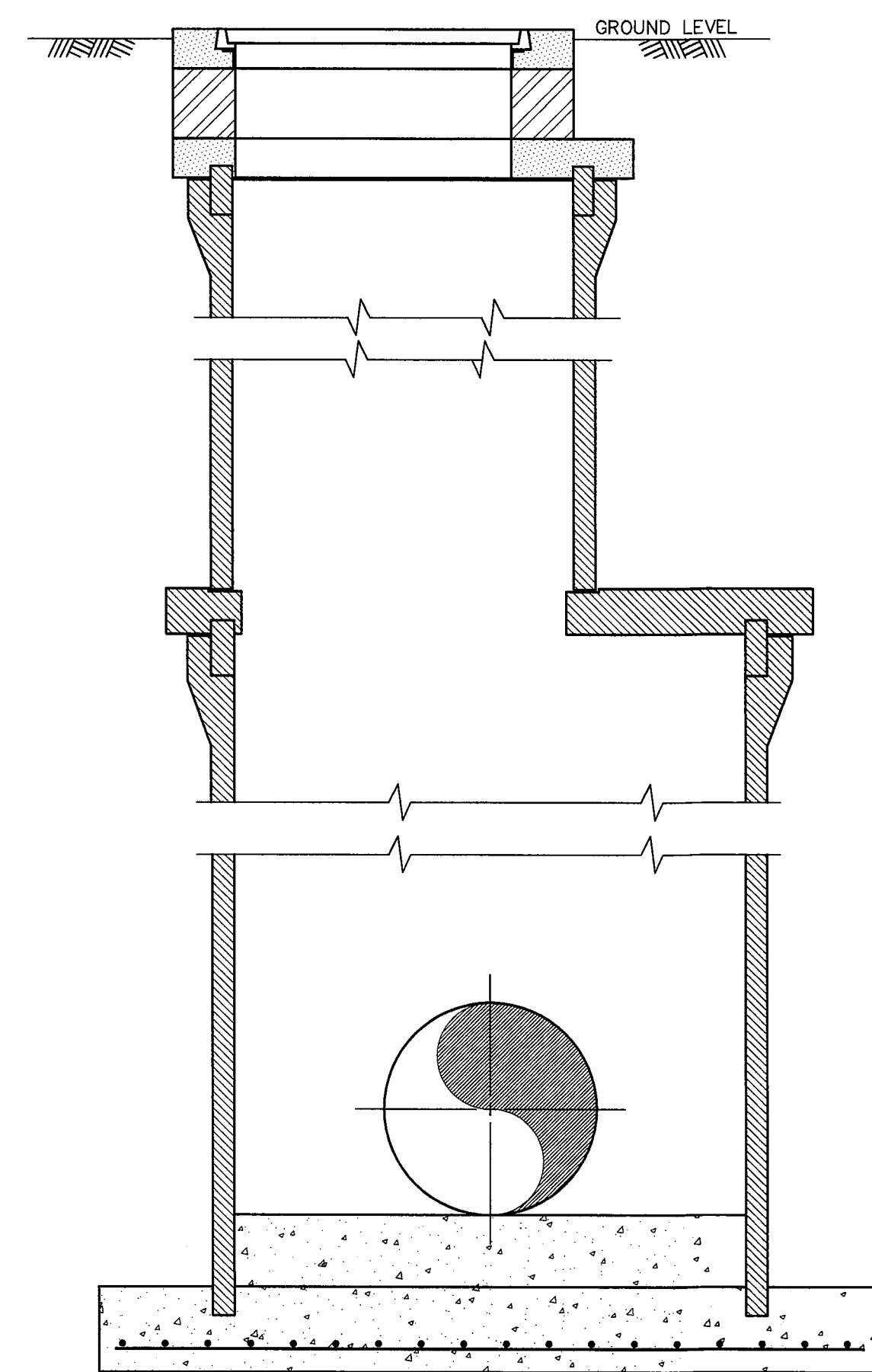
PLAN  
COVER NOT SHOWN  
SCALE: ①



SECTION A  
SCALE: ①  
DRAINAGE PIPEWORK ≤DN600



SECTION B  
SCALE: ①  
DRAINAGE PIPEWORK >DN600



SECTION C  
SCALE: ①

① 500 0 500 1000 mm (1:20 AT A1)

## GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
- ACCESS COVERS LOCATED CLOSE TO A KERB SHALL BE SQUARE TO THE KERB. COVERS LOCATED CLOSE TO A BOUNDARY SHALL BE SQUARE TO THE BOUNDARY. ELSEWHERE COVERS SHALL BE SQUARE TO THE LONGEST UPSTREAM PIPE. COVERS SHALL OPEN AWAY FROM THE KERBS, FENCES, AND OTHER OBSTRUCTIONS WHICH MAY HINDER OPENING.
- CEMENT MORTAR BY VOLUME SHALL BE:  
1 PART CEMENT  
3 PARTS FINE AGGREGATE
- BRICKS SHALL BE STANDARD SIZE 230 x 110 x 76.
- PIPE SEGMENTS SHALL BE WATER CORPORATION APPROVED RRJ REINFORCED CONCRETE PIPE TO AS/NZS 4058. THE CONVERSION SLAB SHALL BE SUPPLIED BY THE SAME MANUFACTURER AS THE PIPE SEGMENTS.
- FIXING TO ACCESS CHAMBER WALLS.  
a) HOLES SHALL NOT EXTEND THROUGH SEGMENT WALL.  
b) HOLES SHALL BE LOCATED CLEAR OF SEGMENT JOINTS.
- ONLY ACCESS CHAMBERS AND ACCESS CHAMBER COMPONENTS WHOSE STRUCTURAL JOINTING AND FLOTATION RESISTANCE CHARACTERISTICS HAVE BEEN AUTHORISED BY THE WATER CORPORATION AND SELECTED BY THE DESIGNER TO MATCH ASSESSED SITE CONDITIONS SHALL BE PERMISSIBLE. THIS DRAWING IS AN EXAMPLE DRAWING, THE DETAILS OF SOME ACCESS CHAMBERS MAY VARY FROM THOSE SHOWN ON THE DRAWINGS.
- REINFORCEMENT SHALL BE DEFORMED RIBBED AND COMPLY WITH AS/NZS 4671 AS FOLLOWS:  
BARS IDENTIFIED WITH N DENOTE GRADE 500 MPa OF NORMAL DUCTILITY, AND WELDED MESH IDENTIFIED WITH SL DENOTE SQUARE CONFIGURATION, GRADE 500 MPa OF LOW DUCTILITY.
- THIS DRAWING IS A CONCEPT OUTLINING SOME OF THE WATER CORPORATION'S REQUIREMENTS. IT REMAINS THE DESIGNER'S RESPONSIBILITY TO COMPLETE THE DESIGN. SIMPLY REFERENCING THIS DRAWING IS INSUFFICIENT.
- CHAMBER MUST BE STRUCTURALLY DESIGNED BY DESIGNER INCLUDING CONSIDERATION OF BUOYANCY EFFECTS.
- DESIGNER TO NOMINATE CHAMBER CLASS BASED ON LOADINGS.

ENGINEERING



METROPOLITAN DRAINAGE  
URBAN MAIN DRAINAGE STANDARD – DRAWINGS  
STANDARD PRECAST REINFORCED CONCRETE ACCESS CHAMBER  
GENERAL ARRANGEMENT

ORIGINAL  
SHEET  
SIZE

A1

FILE PLAN CAD ISSUE  
PROJECT DG16-3-7 C MF 20 MAR 2020

C	03/2020	GENERAL REVISION.	ME	RR	SS	DESIGN SURVEY	VERTICAL DATUM	DES CALC	NORTH POINT	ENGINEERING	RECOMMENDED	17/02/1998		METROPOLITAN DRAINAGE URBAN MAIN DRAINAGE STANDARD – DRAWINGS STANDARD PRECAST REINFORCED CONCRETE ACCESS CHAMBER GENERAL ARRANGEMENT			ORIGINAL	
B	06/2011	LADDER DETAILS DELETED & NOTES AMENDED	BU	ZR	SS	NONE	AHD	A. ADAMS			P. CHIANG (SIGNED)							SHEET
							COORDINATE SYS UNKNOWN	DES CHD J. DAVIES			SUPERVISING ENGINEER							SIZE
						ASCON SURVEY	DES REF M901	DRN K. BERG			APPROVED	18/02/1998						
						NONE		Q.C. CHD S. SELLATHURAI			E. J. MURPHY (SIGNED)							
										MANAGER I.D. BRANCH								
ISSUE	DATE	GRID				REVISION	DRN	REC	APPD									
810																		
CAD, MANAGEMENT, NOT READ, ONLY WORDS STANDARD, DRAWINGS, MANUALLY URBAN, DRAINAGE, REVISIONS, SEPTEMBER, 2010, DG16, 003, 007, 010, 0013, 0010/03/2020, 0010/03/																		