

FILE LOCATION PATH: P:\PROJECTS\HOT\2925 PROJECT ECHO\004 BIM\CIVILS\DRAWINGS\2925-CIV-XX-D-C-31001_31002_TYPICAL DRAINAGE DETAILS.DWG

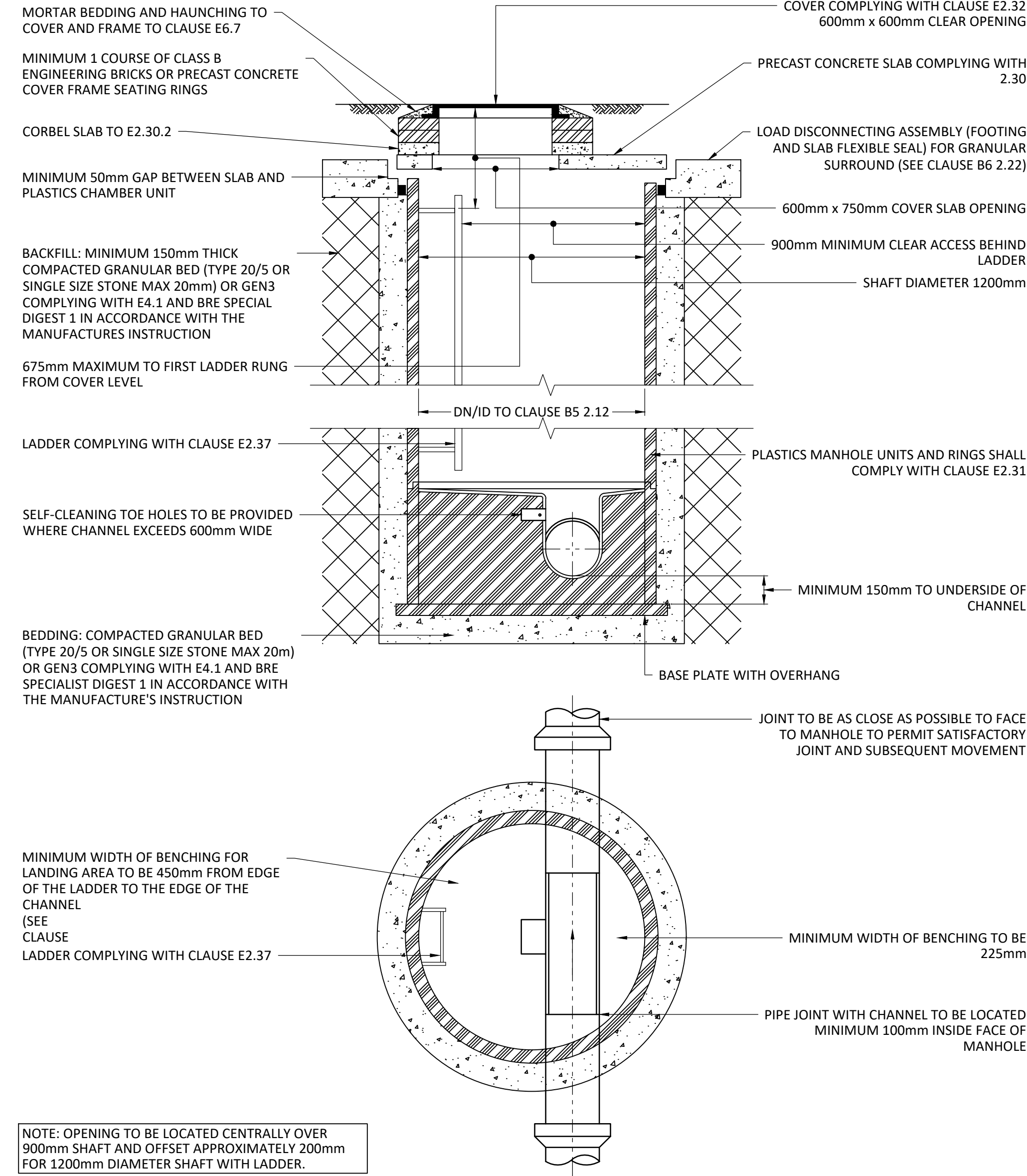
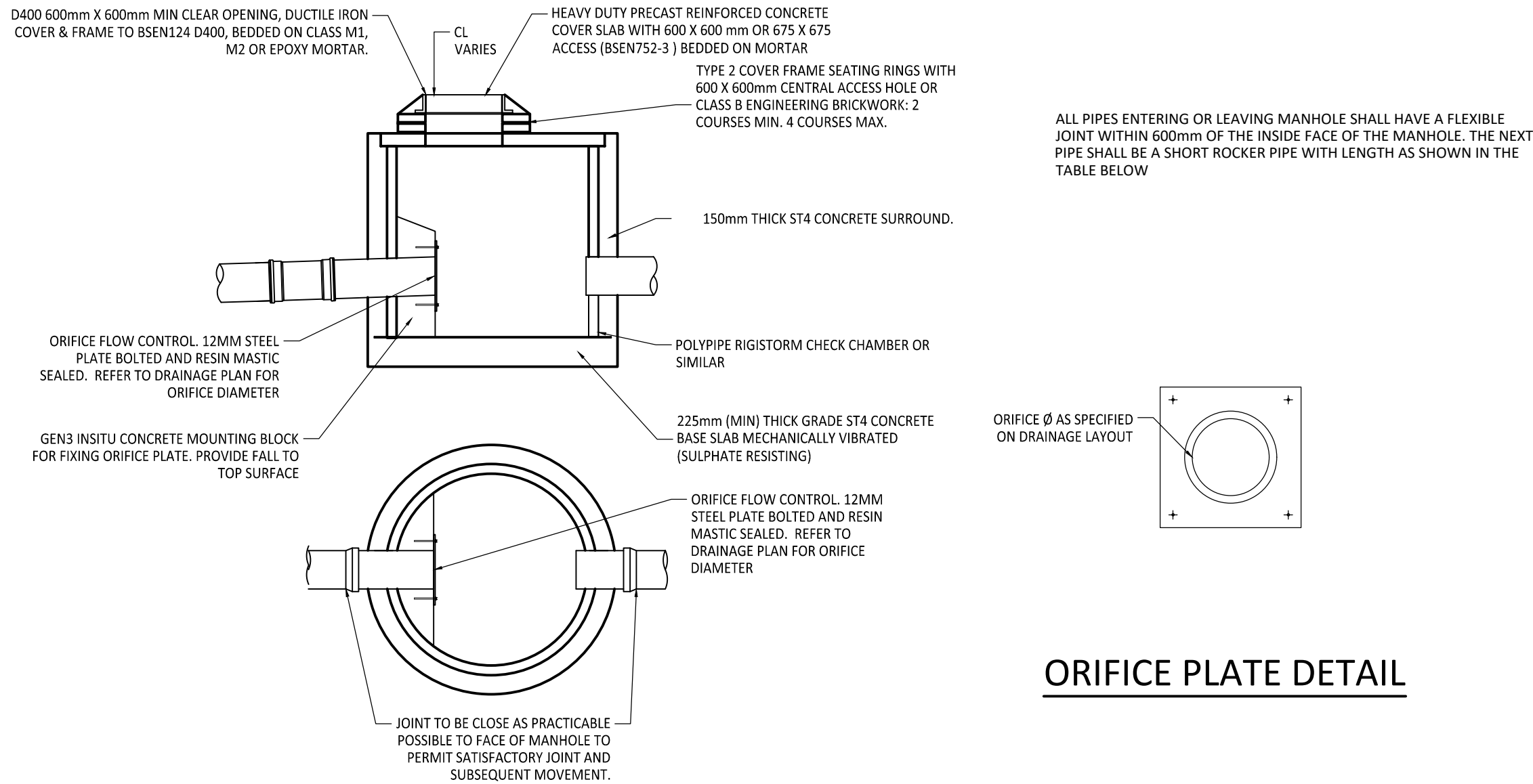


FIGURE B8 TYPICAL MANHOLE DETAIL - TYPE A2
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m TO 6m WITH LADDER
FLEXIBLE MATERIAL CONSTRUCTION



ORIFICE PLATE DETAIL

TYPICAL ORIFICE CONTROL MANHOLE

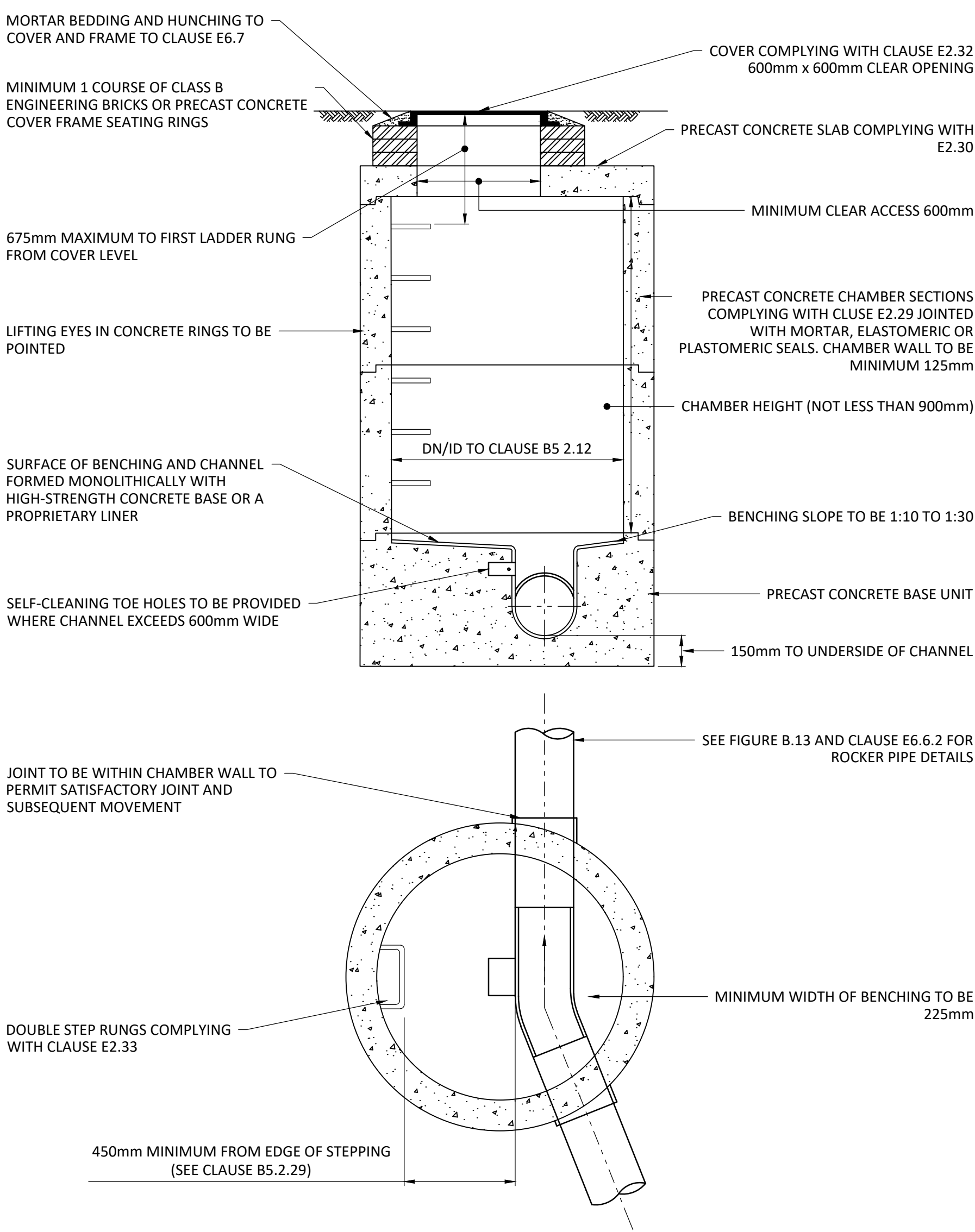
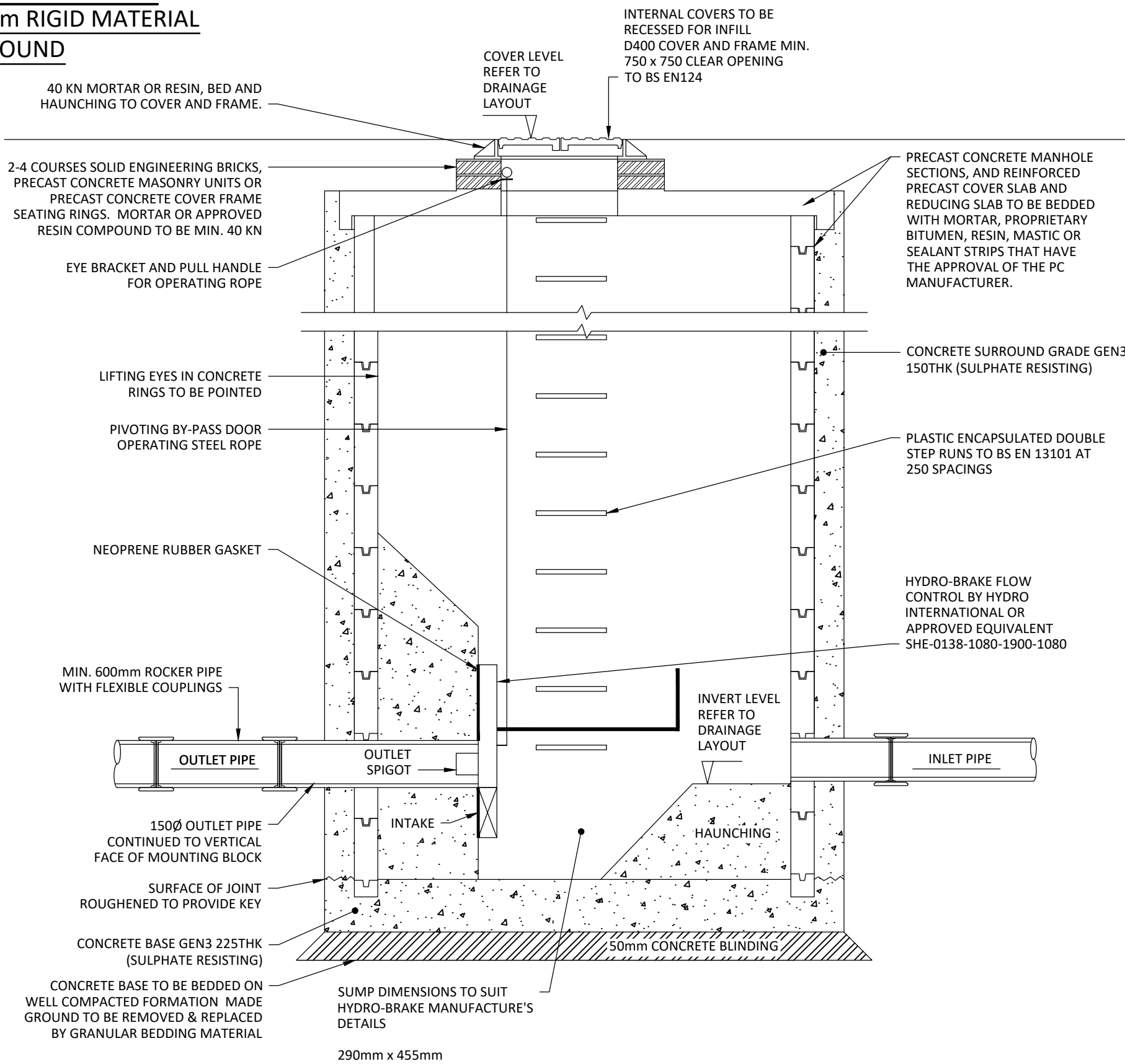


FIGURE B9 - TYPICAL MANHOLE DETAIL - TYPE B
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3m RIGID MATERIAL
CONSTRUCTION WITHOUT CONCRETE SURROUND



FLOW CONTROL MANHOLE DETAIL

- FLOW CONTROL MANHOLE NOTES**
1. ALL DIMENSION ARE IN MILLIMETERS
 2. PRECAST CONCRETE UNITS TO BE BS5911 PART 200 AND TO BE CONSTRUCTED WITH A MINIMUM CLASS 3 SULPHATE RESISTING CEMENT
 3. ALL INSITU CONCRETE TO BE GEN3 SULPHATE RESISTING CONCRETE
 4. MATERIALS FOR JOINTING MANHOLE RINGS TO BE A RUBBER BITUMEN COMPOUND OF APPROVED MANUFACTURER 'TOKSTRIP' OR SIMILAR.
 5. ALL BRICKWORK TO BE CLASS B ENGINEERING -2 COURSES MIN:4 COURSES MAX; 225mm THICK
 6. 20mm THICK GRANOLITHIC CONCRETE BENCHING TO BE BROUGHT UP TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS, WHERE BENCHING IS LESS THAN 450mm WIDE, SLOPE TO BE 1:10; MORE THAN 450mm, 1:30
 7. PIPES ENTERING MANHOLES TO HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH THE PIPE IS BUILT IN ORDER TO FACILITATE MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPELINES, BEDDING, LAYING AND JOINTING OF PIPES AND BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE W.S.A.SPEC 'SEWERS FOR ADOPTION' - 7TH EDITION TOGETHER WITH ANY LOCAL AUTHORITY REQUIREMENTS.

STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.

2. THIS DRAWING SHOULD NOT BE SCALED.

3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.

4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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25.09.23	P02	FLOW CONTROL DETAILS ADDED	TC	CK
11.08.23	P01	SUBMITTED FOR INFORMATION	ZH	CK
DATE	REV	DESCRIPTION	DRAWN	CHKD

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PROJECT

ECHO STREET

TITLE

TYPICAL DRAINAGE DETAILS SHEET 4

DRAWING STATUS					STATUS CODE	
INFORMATION					-	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED		
2925	1:20	AUG 23	ZH	CK		
DRAWING No.					REV	
2925-CIV-XX-XX-D-C-31004					P02	