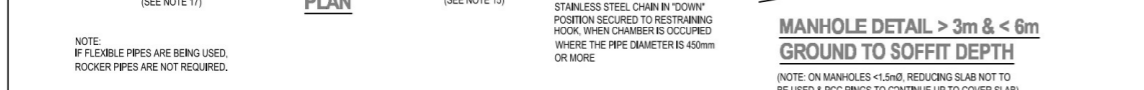
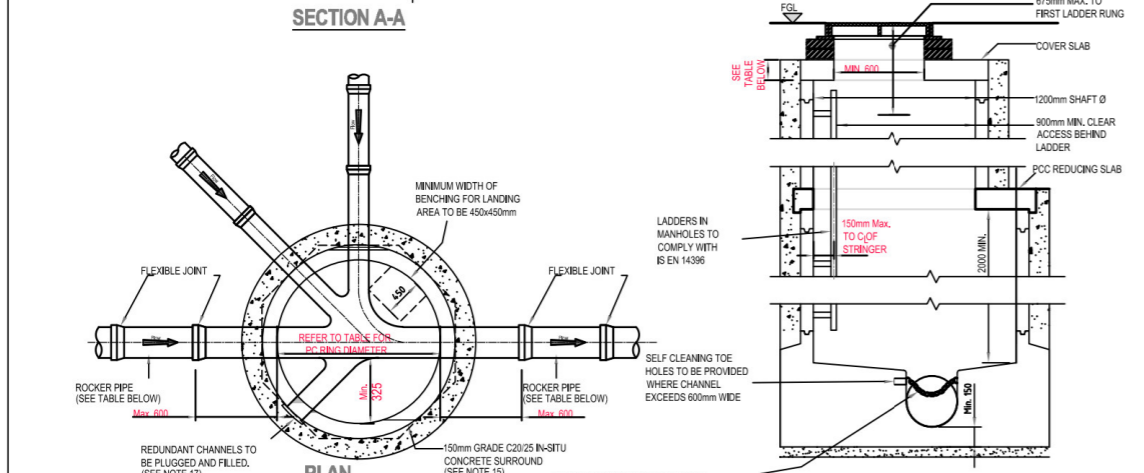
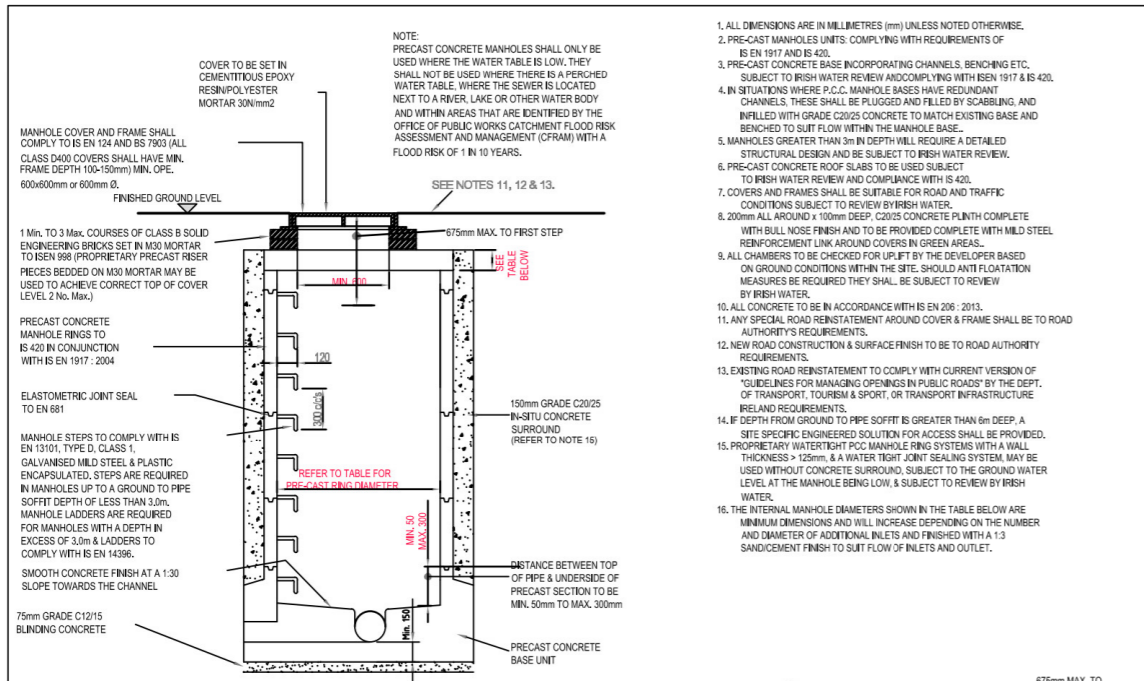


NOTES:
 All dimensions in metres.
 Do not scale from drawing.
 For any discrepancies found please consult with design office.
 This drawing is for PLANNING purposes only.
 Not for Construction.

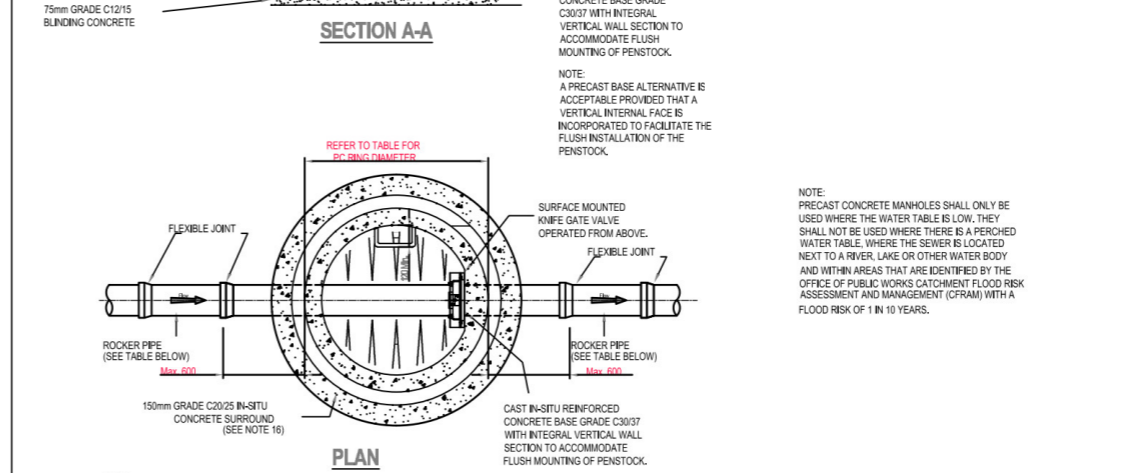
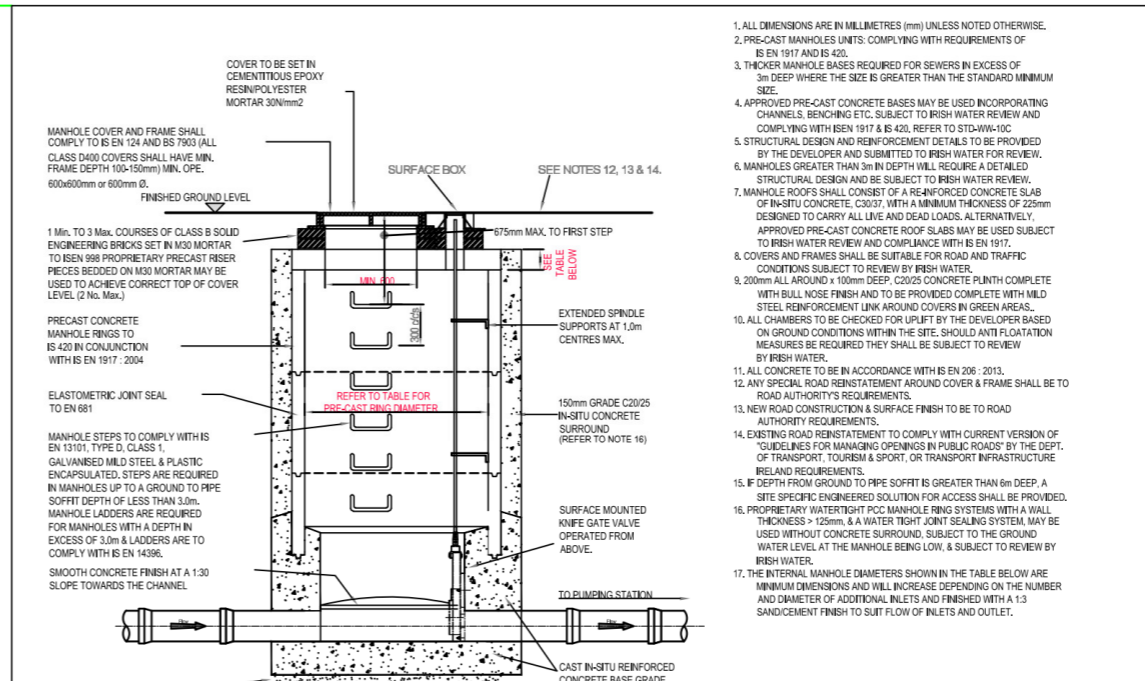


DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)	MIN. PRECAST ROOF SLAB EFFECTIVE THICKNESS (mm)	MIN. IN-SITU ROOF SLAB THICKNESS (mm)
LESS THAN 375	1200	160	225
375 TO 450	1350	160	225
500 TO 750	1500	170	225

PIPE DIAMETER (mm)	ROCKER PIPE LENGTH (mm)
150 TO 600	600
GREATER THAN 600 TO 750	1000
GREATER THAN 750	1250

* SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS. MANHOLE SIZE OF THESE CHAMBERS MAY BE REQUIRED DUE TO MULTIPLE PIPES WITHIN MANHOLE.

REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT			
SCALE	DATE	TITLE	REV
NOT TO SCALE	SEPT. 2015	PRE-CAST CONCRETE MANHOLE WITH PRECAST BASE.	0
DRAWING No.	REV		
07/20	RH	TOC	Initial Issue
No.	Date	Chk	Description
			App



DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)	MIN. PRECAST ROOF SLAB EFFECTIVE THICKNESS (mm)	MIN. IN-SITU ROOF SLAB THICKNESS (mm)
UP TO 450	1350	160	225
500 TO 750	1500	170	225

PIPE DIAMETER (mm)	ROCKER PIPE LENGTH (mm)
150 TO 600	600
GREATER THAN 600 TO 750	1000
GREATER THAN 750	1250

* SEWERS GREATER THAN 450mm Ø ARE OUTSIDE THE SCOPE OF THE STANDARD DETAILS. MANHOLE SIZE OF THESE CHAMBERS MAY BE REQUIRED DUE TO MULTIPLE PIPES WITHIN MANHOLE.

REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT			
SCALE	DATE	TITLE	REV
NOT TO SCALE	SEPT. 2015	PRE-CAST CONCRETE PUMPING STATION INLET MANHOLE WITH CAST IN SITU CONCRETE BASE	0
DRAWING No.	REV		
07/20	RH	TOC	Initial Issue
No.	Date	Chk	Description
			App

By	Date	Description

Drawing Status: Planning

Project Title: Residential Development at Inch/Coolgrean Port Road Killarney

Drawing Title: Irish Water Infrastructure - Standard Construction Details

Client: Portal Asset Holdings Ltd

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Designed: DM	Drawn: PK	Checked: BM
Job No: 18137HD		Revision:
Date: APRIL 2024		Drawing No: PR-MHL-SCD-P07