

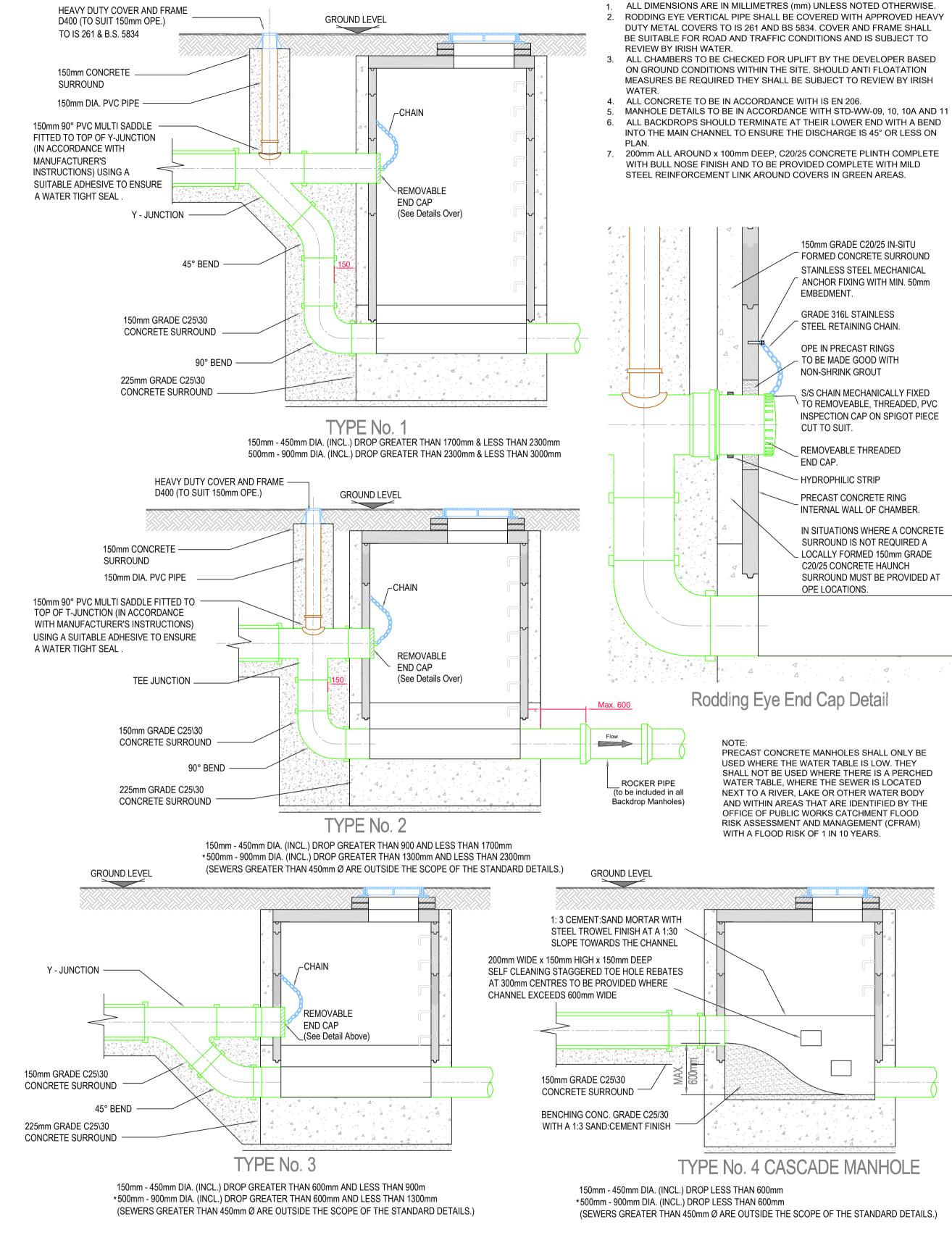
MINIMUM MANHOLE DIAMETERS				
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)	MIN. PRECAST ROOF SLAB EFFECTIVE THICKNESS (mm)	MIN. IN-SITU ROOF SLAB THICKNESS (mm)	
LESS THAN 375	1200	160	225	
375 TO 450	1350	160	225	
500 TO 750	1500	170	225	

ROCKER PIPE LENGTH			
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 REUIRED DUE TO MULTIPLE PIPES WITHIN MANHOLE.

PRE-CAST CONCRETE MANHOLE WITH PRECAST BASE

SCALE: NTS



BACKDROP AND CASCADE MANHOLES

SCALE: NTS





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(iv) Information including topographical survey, geotechnical S5 P01 01.08.25 PLANNING ISSUE investigation and utility detail used in the design have been provided by others. Rev Date S Amendment / Issue (v) All Levels refer to Ordnance Survey Datum, Malin Head.



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Sheets

A/S @ A **CENTRAL DUBLIN SUBSTATION PROJECT** Created on 21/05/2025 DRAINAGE DETAILS SHEET 1 1 of 1 Rev CP1273-RPS-03-PL-SL-D-C-2114 P01