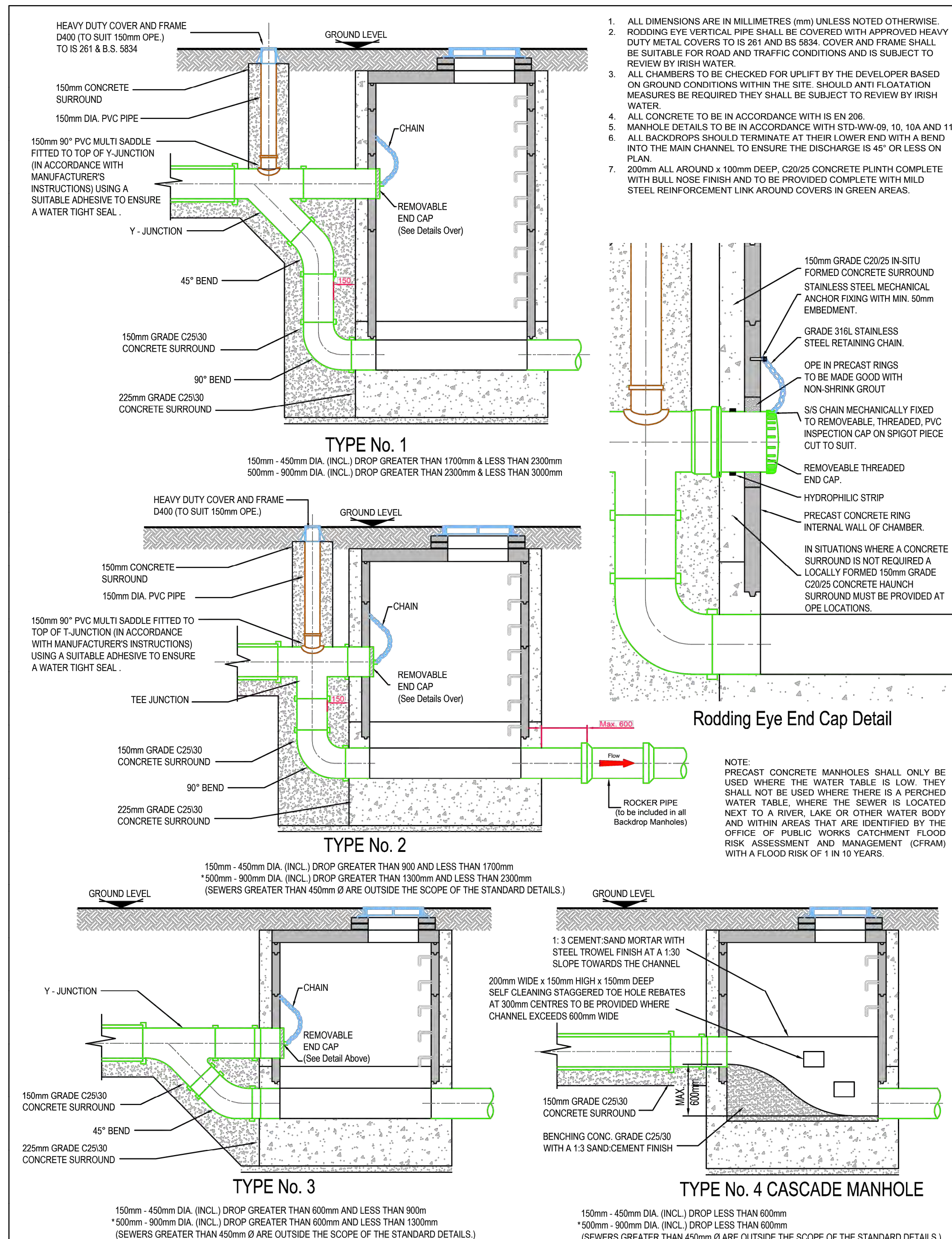


REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT

No.	Date	Dr	Chk	Description	App
3	07/20	RH	TOC	Notes Updated	MOD
2	11/17	JM	TOC	Added rocker pipe table, deep manhole detail, added & updated notes	MOD
1	08/16	JM	TOC	Added steps & revised access ope & cover notes	MOD
0	09/15	JM	TOC	Initial Issue	SL

STANDARD DETAILS - WASTEWATER Scale 1:25 DATE SEPT. 2015

PRE-CAST CONCRETE MANHOLE WITH CAST IN-SITU BASE DRAWING No. STD-WW-10 REV 3



REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT

No.	Date	Dr	Chk	Description	App
3	07/20	RH	TOC	Cascade manhole Type 4 added, end cap detail added, notes updated, file updated	MOD
2	11/17	JM	TOC	Updated notes	MOD
1	08/16	JM	TOC	Added steps	MOD
0	09/15	JM	TOC	Initial Issue	SL

STANDARD DETAILS - WASTEWATER Scale 1:25 DATE SEPT. 2015

BACKDROP AND CASCADE MANHOLES DRAWING No. STD-WW-12 REV 3

- Standard Irish Water Detail References:**
- STD-WW-01 Waste water service connection responsibility
 - STD-WW-03 Drain & Service connection pipework
 - STD-WW-04 Typical Sewer/ Service pipe connection
 - STD-WW-05 Typical Service layout indicating separation distances
 - STD-WW-07 Trench Backfill & Bedding
 - STD-WW-08 Concrete bed, Haunch & surround to wastewater pipes
 - STD-WW-10 Pre-cast concrete manhole
 - STD-WW-12 Backdrop manholes
 - STD-WW-13 Private side inspection chamber
 - STD-WW-14 Thrust blocks for rising main
 - STD-WW-15 Scour valve chamber (Foul rising main <200mmØ)
 - STD-WW-17 Sluice valve details for rising mains Polyethylene (P.E.) Pipe (<200mmØ)
 - STD-WW-18 Air valve chamber (Foul rising main <200mmØ)

Refer to dwg no. 6415-5020/5021 for plan layout