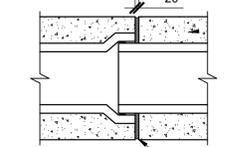
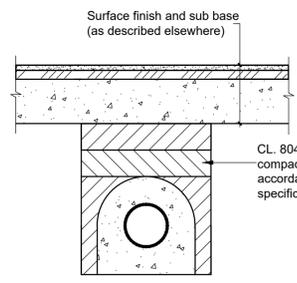


Concrete Bed & Surround



Approved compressible material
Joint in Concrete Surround to Flexible Jointed Spigot & Socket Pipes
Scale 1:20

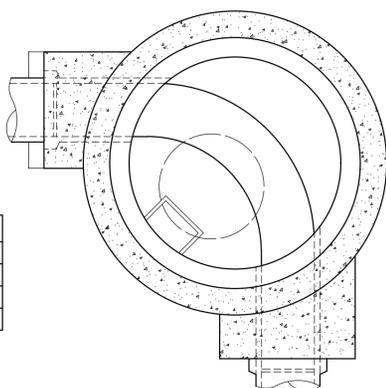


Construction Details for Concrete Bed & Surround to Surface Water Drain
Scale 1:20

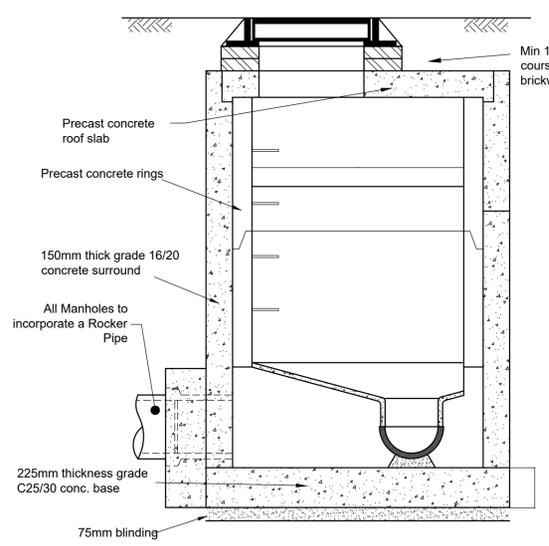
CORNER MANHOLE SIZES	
PIPE DIA. mm	MANHOLE SIZE DIA.
100 - 300	1.2m Ø
375 - 525	1.5m Ø
600 - 700	1.8m Ø

MANHOLE SIZES	
PIPE DIA. mm	Manhole Size Ø
100 - 450	1.2m Ø
525 - 750	1.5m Ø

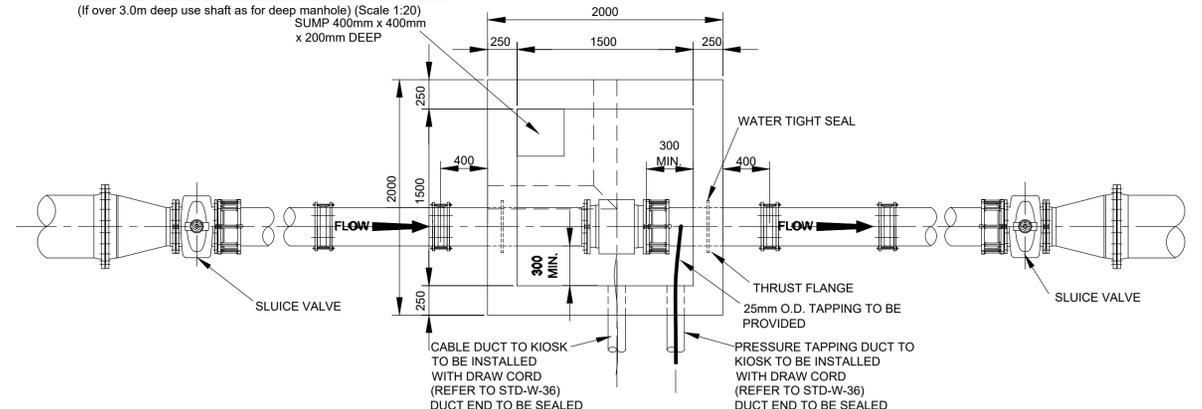
ROCKER PIPES	
PIPE DIA. mm	ROCKER PIPE LENGTH
150 - 600	0.60m
600 - 750	1.0m
750 <	1.25m



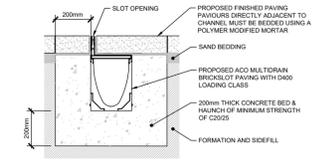
Sectional Plan



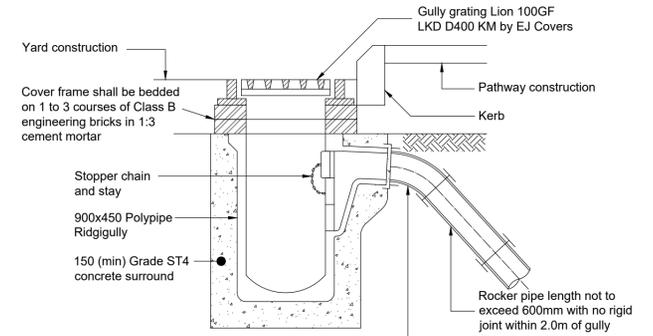
Section G-G Precast Concrete Corner Manhole
(If over 3.0m deep use shaft as for deep manhole) (Scale 1:20)
SUMP 400mm x 400mm x 200mm DEEP



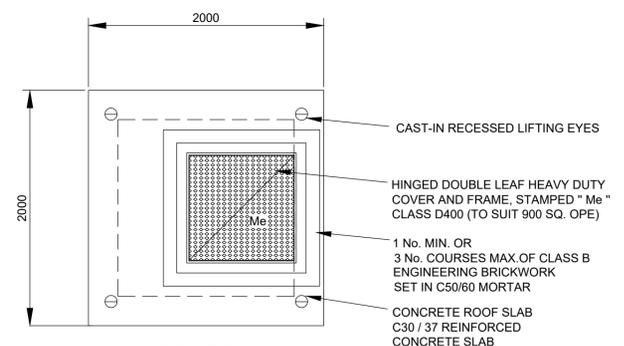
FLOOR PLAN



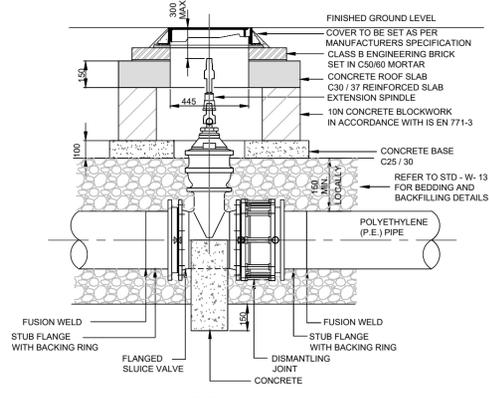
Slot Drain Detail
Scale 1:10



Proposed Road Gully
Scale 1:20

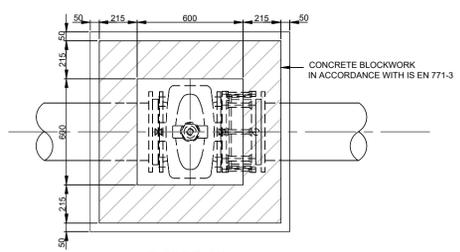


ROOF PLAN

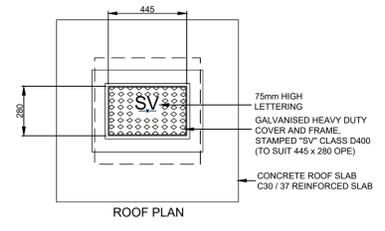


SECTION SLUICE VALVE CHAMBER (BLOCKWORK CONSTRUCTION)

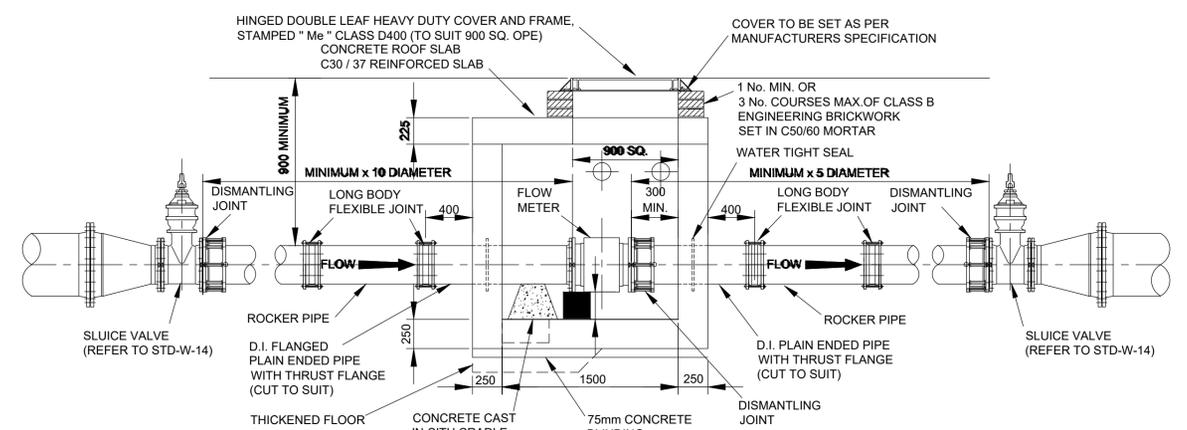
Refer to Irish Water Standard Details STD-W-15 For Details of Sluice Valve Connection For PE Pipework



FLOOR PLAN

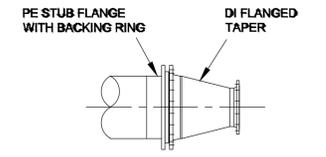


ROOF PLAN



SECTION BULK WATER METER CHAMBER

Refer to Irish Water Standard Details STD-W-26 For Details of Water Meter Connection Variants



PE TO DI DETAIL

Note:
Orientation of gully to be coordinated on site

Gully grating Lion 100GF LKD D400 KM by EJ Covers

Pathway construction

Kerb

Yard construction
Cover frame shall be bedded on 1 to 3 courses of Class B engineering bricks in 1:3 cement mortar

Stopper chain and stay
900x450 Polypipe Ridgully

150 (min) Grade ST4 concrete surround

Rocker pipe length not to exceed 600mm with no rigid joint within 2.0m of gully

160mmØ ARGMulti Multi Adaptor Ref. UG602 to connect to Ridgidrain pipework

CAST-IN RECESSED LIFTING EYES

HINGED DOUBLE LEAF HEAVY DUTY COVER AND FRAME, STAMPED "Me" CLASS D400 (TO SUIT 900 SQ. OPE)

1 No. MIN. OR 3 No. COURSES MAX. OF CLASS B ENGINEERING BRICKWORK SET IN C50/60 MORTAR

CONCRETE ROOF SLAB C30 / 37 REINFORCED CONCRETE SLAB

HINGED DOUBLE LEAF HEAVY DUTY COVER AND FRAME, STAMPED "Me" CLASS D400 (TO SUIT 900 SQ. OPE)
CONCRETE ROOF SLAB C30 / 37 REINFORCED SLAB

COVER TO BE SET AS PER MANUFACTURERS SPECIFICATION

1 No. MIN. OR 3 No. COURSES MAX. OF CLASS B ENGINEERING BRICKWORK SET IN C50/60 MORTAR

WATER TIGHT SEAL

MINIMUM x 10 DIAMETER LONG BODY FLEXIBLE JOINT

MINIMUM x 5 DIAMETER LONG BODY FLEXIBLE JOINT

SLUICE VALVE (REFER TO STD-W-14)

D.I. FLANGED PLAIN ENDED PIPE WITH THRUST FLANGE (CUT TO SUIT)

THICKENED FLOOR SLAB UNDER SUMP

CONCRETE CAST IN-SITU CRADLE

75mm CONCRETE BLINDING C12 / 15

DISMANTLING JOINT

SLUICE VALVE (REFER TO STD-W-14)

D.I. FLANGED PLAIN ENDED PIPE WITH THRUST FLANGE (CUT TO SUIT)

PL 1	13/03/20	SB	MM	EJL
Issued for Planning				
Rev	Date	By	Chkd	Appd



Client
GreenLink Interconnector

Project Title
Typical Civil Details
Sheet 2 of 4

Scale at A1	As Shown
Role	Civil
Suitability	Planning
Arup Job No	246369
Name	C-CS-061
Rev	PL1