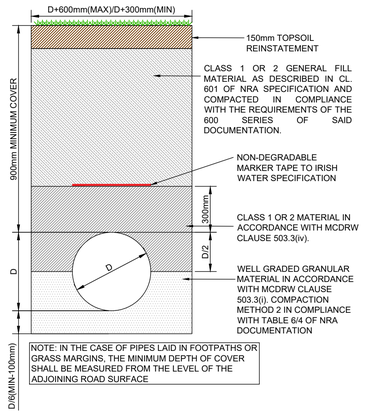
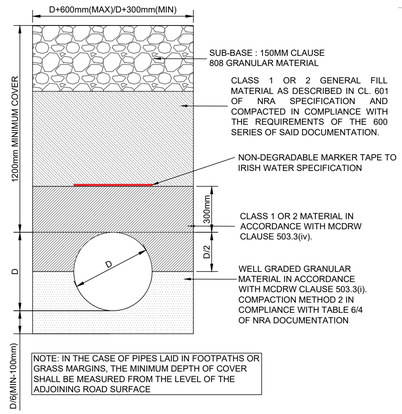
A1



NOTE: IN THE CASE OF PIPES LAID IN FOOTPATHS OR GRASS MARGINS, THE MINIMUM DEPTH OF COVER SHALL BE MEASURED FROM THE LEVEL OF THE ADJOINING ROAD SURFACE

TYPICAL TRENCH DETAIL (GRASSED AREAS)

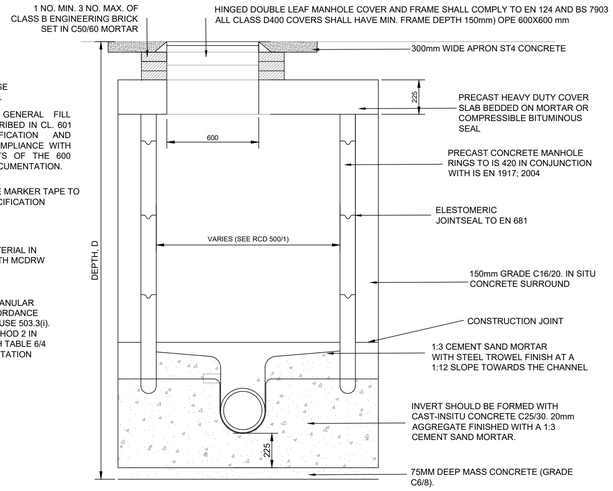
SCALE 1:20



NOTE: IN THE CASE OF PIPES LAID IN FOOTPATHS OR GRASS MARGINS, THE MINIMUM DEPTH OF COVER SHALL BE MEASURED FROM THE LEVEL OF THE ADJOINING ROAD SURFACE

TYPICAL TRENCH DETAIL (ROAD AREAS)

SCALE 1:20



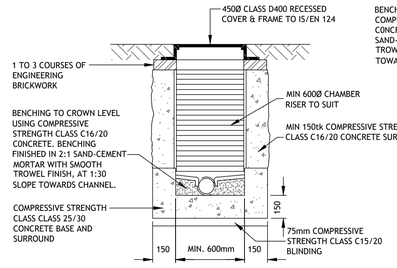
PLEASE NOTE THE CONTRACTOR SHALL REFER TO NRA DETAIL RCD/500/5

TYPICAL MANHOLE DETAIL (TYPE C)

SCALE 1:20

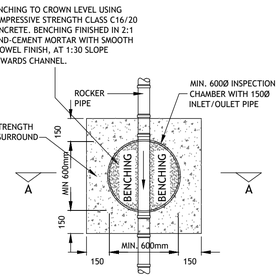
CHAMBER TYPES

DEPTH (m)	PIPE DIAMETER								
	225mm	300mm	375mm	450mm	525mm	600mm	675mm	750mm	900mm
0-1m	A 975x1350	A 975x1350	A 975x1350	A 975x1350	B11350x1690	B11350x1690	B11350x1690	B11350x1690	B11350x1690
1-3m	C 1050	C 1050	C 1050	C 1050	C 1200	C 1200	C 1350	C 1350	C 1500
3-6m		D 1050	D 1050	D 1050	D 1200	D 1200	D 1350	D 1500	D 1500
6-12m		E 1500	E 1500	E 1500	E 1500	E 1500	E 1500	E 1500	E 1500



INSPECTION CHAMBER SECTION (STD-WW-13) (UP TO 1.2m DEEP)

SCALE 1:20

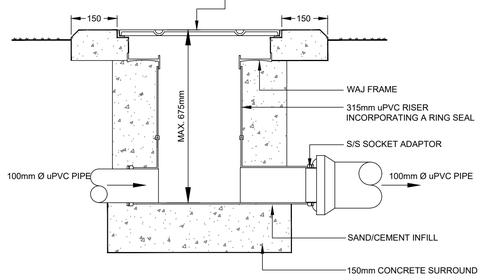


INSPECTION CHAMBER BASE (STD-WW-13)

SCALE 1:20

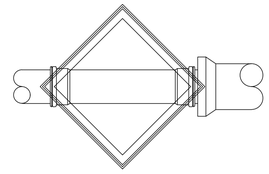
IN GARDENS / GRASSED AREAS: GLYNWED STANDARD 300x300mm CLEAR OPENING LIGHT DUTY SINGLE SEAL COVER & FRAME IN GREY IRON, BLACK COATED AND INCORPORATING COUNTERSUNK LOCKING SCREWS.

IN PAVED AREAS: 450 x 450., STAINLESS STEEL RECESSED COVER TO RECEIVE 80mm DEEP BRICK PAVING IN PEDESTRIAN AREAS AND 100MM DEEP CITY PAVE BRICK IN TRAFFICKED AREAS. D400 LOAD CLASS IN ACCORDANCE WITH EN124.



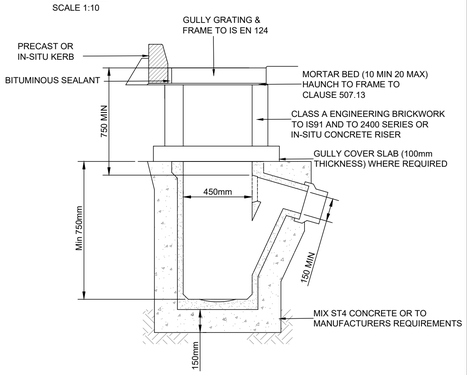
ACCESS JUNCTION DETAIL SECTION

SCALE 1:10



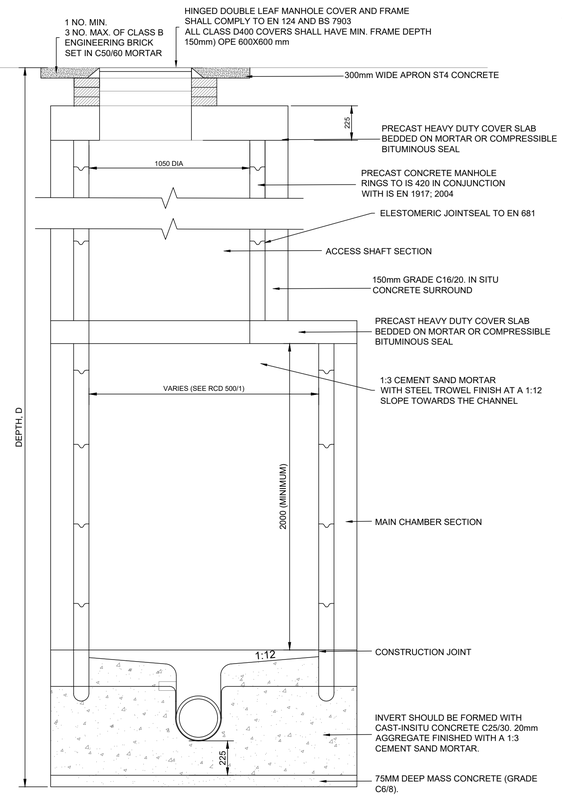
ACCESS JUNCTION DETAIL PLAN

SCALE 1:10



TYPICAL PRECAST ROAD GULLY

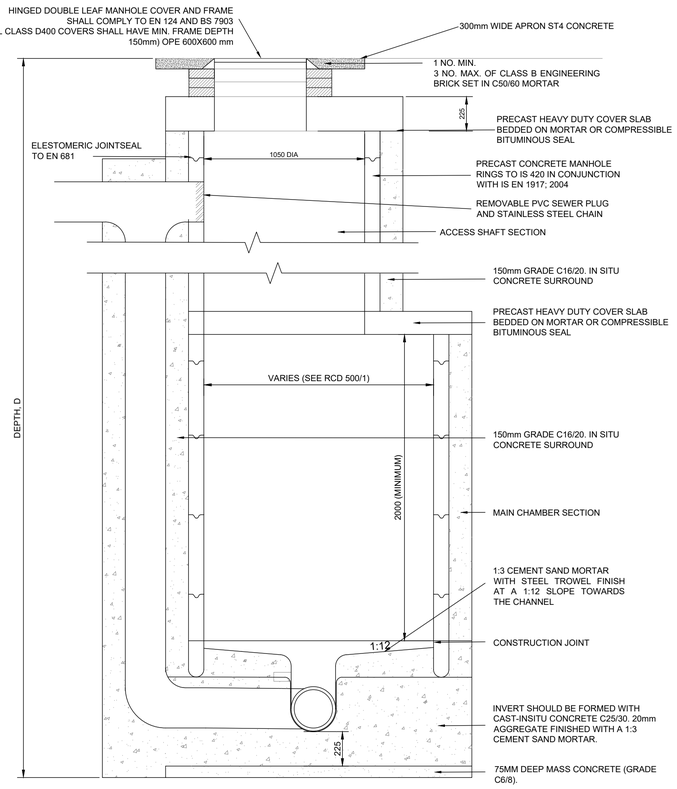
SCALE 1:20



PLEASE NOTE THE CONTRACTOR SHALL REFER TO NRA DETAIL RCD/500/5

TYPICAL MANHOLE DETAIL (TYPE D)

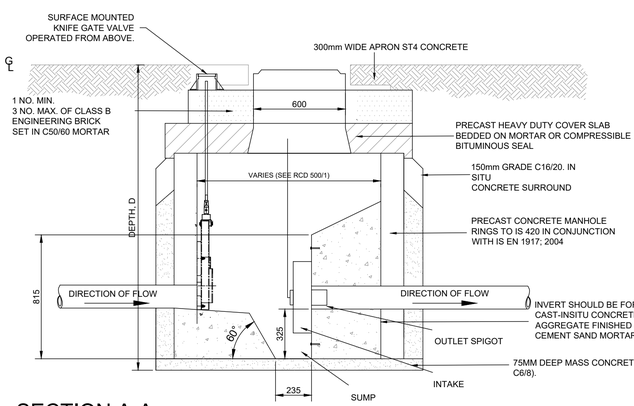
SCALE 1:20



PLEASE NOTE THE CONTRACTOR SHALL REFER TO TII DETAIL RCD / 500 / 8

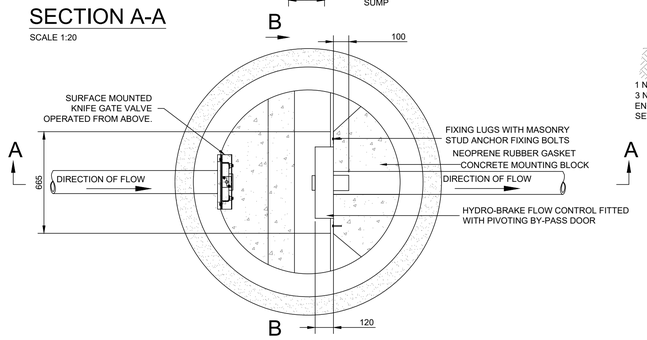
TYPICAL BACKDROP MANHOLE DETAIL

SCALE 1:20



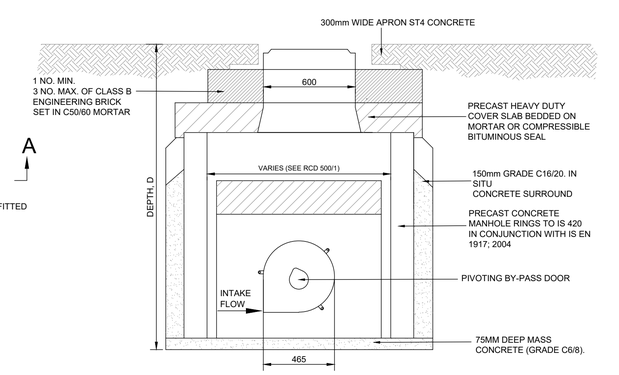
SECTION A-A

SCALE 1:20



TYPICAL FLOW CONTROL MANHOLE

SCALE 1:20



SECTION B-B

SCALE 1:20

INFORMATION

© ORS
This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent. All drawings remain the property of the Consultants.

Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	06/07/2026	ISSUED DRAFT FOR INFORMATION	EK	MH
P02	30/07/2026	ISSUED FOR INFORMATION	EK	DG
P03	12/08/2026	ISSUED FOR INFORMATION	EK	MH

CLIENT:	BALLYMORE GROUP
PROJECT:	PROPOSED DEVELOPMENT, BALLYKEERAN GARDENS, CORNAMADDY, ATHLONE
TITLE:	TYPICAL MANHOLE DETAILS

DRAWN:	CHECKED:	APPROVED:	JOB NO:	REV:
EK	RM	MH	251416	P03
DATE: AUGUST 2026	SCALE: 1:20		DRAWING NO: 251416-ORS-ZZ-XX-DR-C-420	

ORS
Mullingar | Dublin | Galway | Donegal | Cork | Waterford
T: +353 1 5242060 | W: www.ors.ie | E: info@ors.ie
ISO 9001:2015 QUALITY ASSURED COMPANY

IS EN ISO 9001:2015 Cert. no. QS324