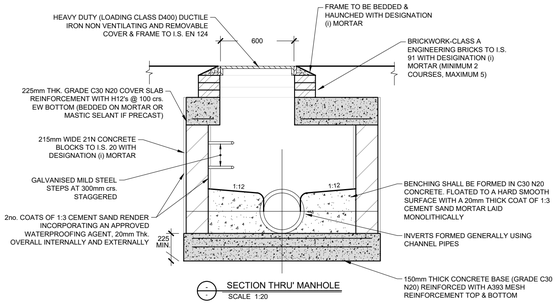
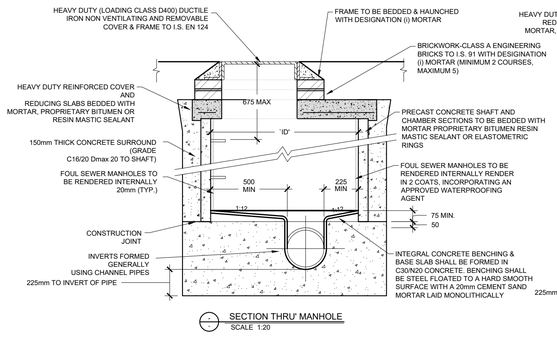
REVISION SCHEDULE

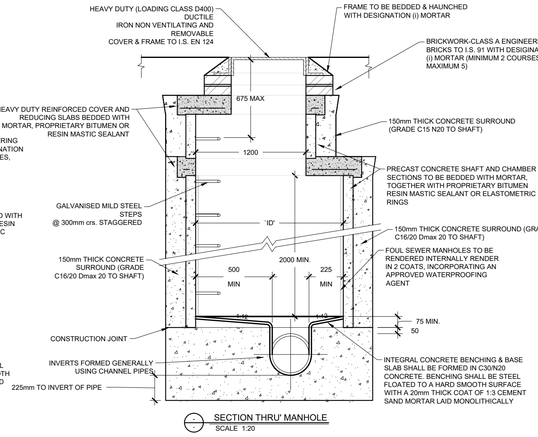
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	ISSUED FOR PLANNING	04/11/2019	JPC	JFC
PL2	IRISH WATER COMMENTS INCORPORATED	17/12/2019	JPC	JFC
PL3	ISSUED FOR PLANNING	17/02/2020	JPC	JFC



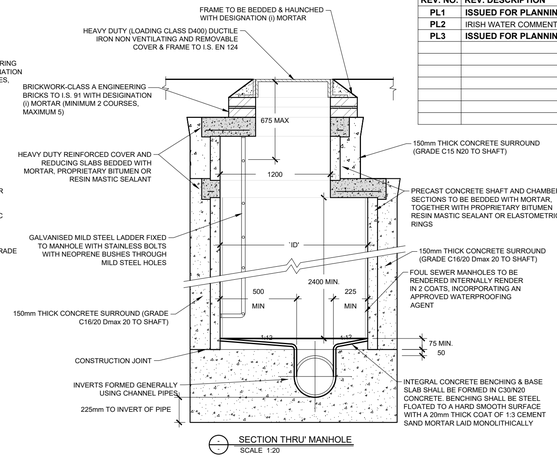
SECTION THRU' MANHOLE
SCALE 1:20



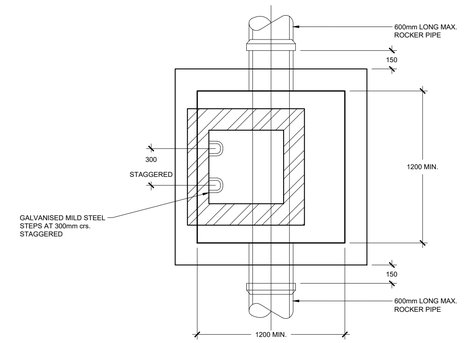
SECTION THRU' MANHOLE
SCALE 1:20



SECTION THRU' MANHOLE
SCALE 1:20

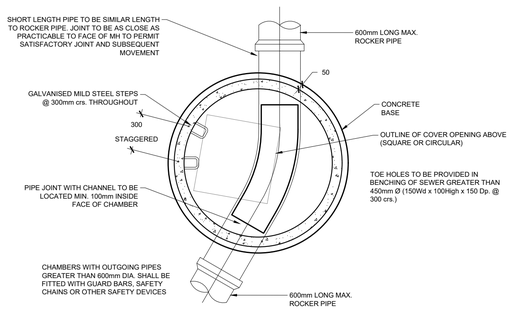


SECTION THRU' MANHOLE
SCALE 1:20



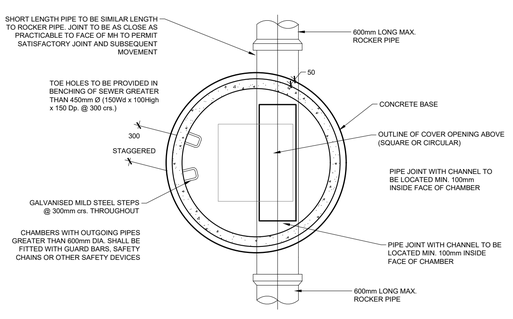
PLAN ON MANHOLE (TYPE A)
SCALE 1:20

(1m DEEP, COVER LEVEL TO PIPE SOFFIT)



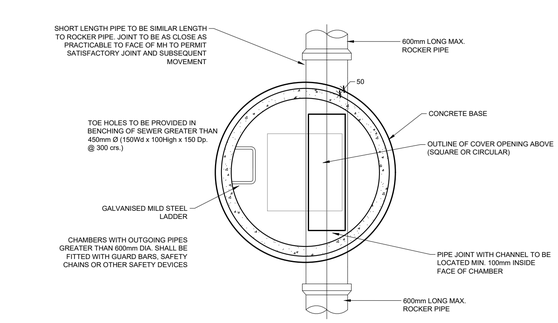
PLAN ON MANHOLE (TYPE C)
SCALE 1:20

(1m TO 3m DEEP, COVER LEVEL TO PIPE SOFFIT) (FOR INTERNAL DIAMETER OF MANHOLE (I.D.) REFER TO SCHEDULE.)



PLAN ON MANHOLE (TYPE D)
SCALE 1:20

(3 TO 5m DEEP, COVER LEVEL TO PIPE SOFFIT) (FOR INTERNAL DIAMETER OF MANHOLE (I.D.) REFER TO SCHEDULE)



PLAN ON MANHOLE (TYPE E)
SCALE 1:20

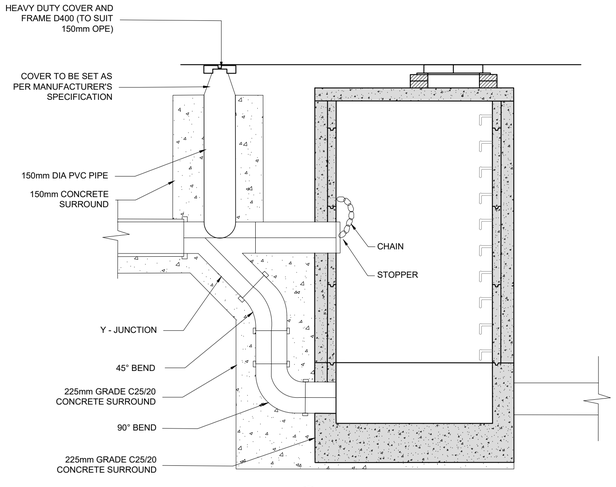
(5 TO 6m DEEP, COVER LEVEL TO PIPE SOFFIT) (FOR INTERNAL DIAMETER OF MANHOLE (I.D.) REFER TO SCHEDULE.)

MANHOLE - INTERNAL DIMENSIONS

PIPE Ø (mm)	MANHOLE TYPE			
	A	C	D	E
UP TO 225	1200 x 1200	1200Ø		
300	1200 x 1200	1200Ø	1200Ø	1200Ø
375	1200 x 1200	1350Ø	1350Ø	1350Ø
450	1200 x 1200	1350Ø	1350Ø	1350Ø
525	1200 x 1200	1500Ø	1500Ø	1500Ø
600		1500Ø	1500Ø	1500Ø
675		1500Ø	1500Ø	1500Ø
750		1500Ø	1500Ø	1500Ø
900		1500Ø	1500Ø	1500Ø

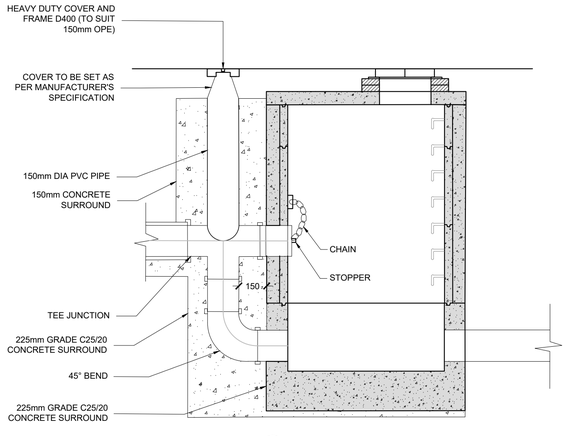
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. RODDING EYE CHAMBER SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
3. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO APPROVAL FROM IRISH WATER.
4. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
5. MANHOLE DETAILS TO BE IN ACCORDANCE WITH IRISH WATER STANDARDS.



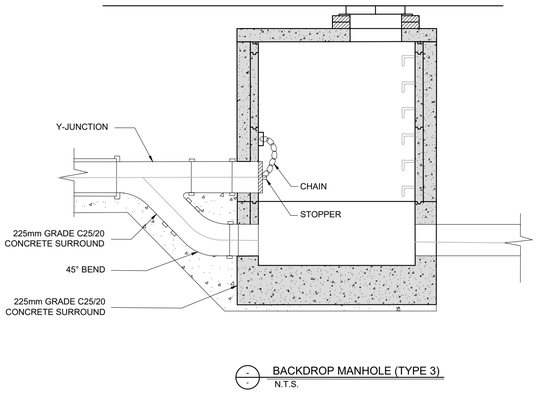
BACKDROP MANHOLE (TYPE 1)
N.T.S.

(150mm-450mm DIA (INCL.) DROP GREATER THAN 1700mm)
(500mm-900mm DIA (INCL.) DROP GREATER THAN 2300mm)



BACKDROP MANHOLE (TYPE 2)
N.T.S.

(150mm-450mm DIA (INCL.) DROP GREATER THAN 900mm AND LESS THAN 1700mm)
(500mm-900mm DIA (INCL.) DROP GREATER THAN 1300mm AND LESS THAN 2300mm)



BACKDROP MANHOLE (TYPE 3)
N.T.S.

(150mm-450mm DIA (INCL.) DROP GREATER THAN 600mm AND LESS THAN 900mm)
(500mm-900mm DIA (INCL.) DROP GREATER THAN 600mm AND LESS THAN 1300mm)

Drawing Stage:

PLANNING

Project Details:	
Site Address:	DUBLIN ROAD, SWORDS, Co. DUBLIN
Client:	JACKO INVESTMENTS
Architect:	AUGHEY O'FLAHERTY ARCHITECTS
M&E Designer:	
Contractor:	

Notes

1. ALL ENGINEERS DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL SETTING OUT TO ARCHITECTS DRAWINGS.
3. DO NOT SCALE FROM ENGINEERS DRAWINGS.
4. ANY DISCREPANCIES BETWEEN DRAWINGS, SKETCHES, VERBAL INSTRUCTIONS AND SITE CONDITIONS TO BE REFERRED TO THE DESIGN TEAM BEFORE WORK COMMENCES.
5. ALL LEVELS ARE STRUCTURAL UNLESS NOTED OTHERWISE.

Drawn by:	Checked by:	Approved by:	Date:
JPC	KO'M	JFC	01/10/2019

Project Name: THE LORD MAYOR REDEVELOPMENT
Scale: A.S. @ A1
Project Number: 1867

Drawing Title: STANDARD DRAINAGE DETAILS SHEET 1

Project:	Originator:	Zone:	Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
SA	CORA	00	ZZ	DR	C	0011	04	PL3

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