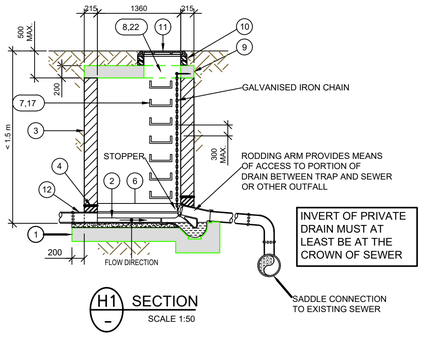
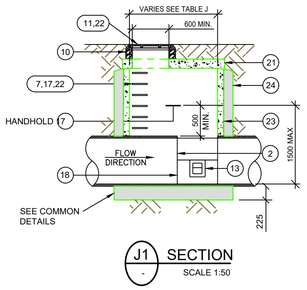


H1 SECTION
SCALE 1:50

MANHOLE TYPE H
INTERCEPTOR TRAP DETAILS

FOR OUTFALL MANHOLES AT SITE BOUNDARY PRIOR TO CONNECTING TO PUBLIC SYSTEM

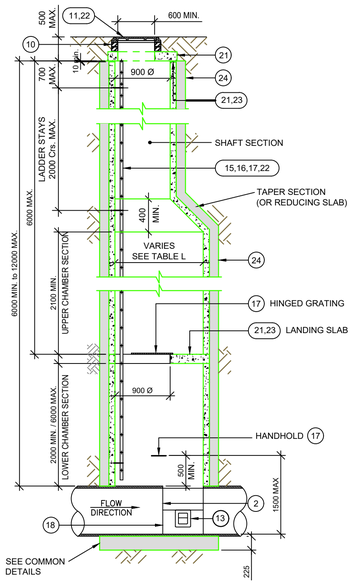


J1 SECTION
SCALE 1:50

MANHOLE TYPE J

1m ≤ DEPTH TO INVERT < 3m

TABLE J	
MAXIMUM PIPE DIAMETER A	CHAMBER INTERNAL DIAMETER B
225	1200
300	1200
375	1200
525	1200
600	1200
675	1350
750	1500
900	1500
1050	2100
1200	2100

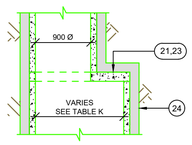


L1 SECTION
SCALE 1:50

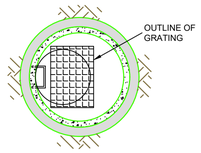
MANHOLE TYPE L

6m ≤ DEPTH TO INVERT < 12m

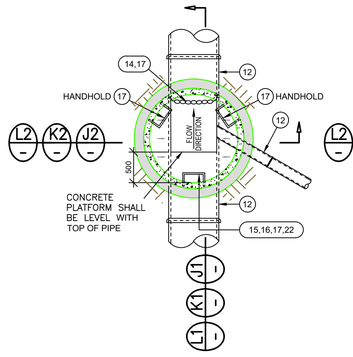
TABLE L	
MANHOLE PIPE DIAMETER A	CHAMBER INTERNAL DIAMETER B
225 - 900	1500
1050 - 1200	2100



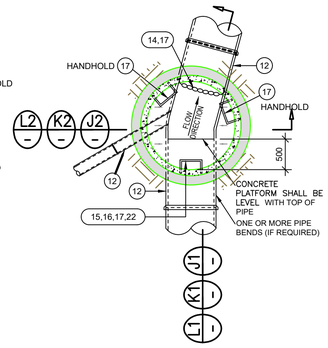
ALTERNATIVE DETAIL
(REDUCING SLAB INSTEAD OF TAPER SECTION)



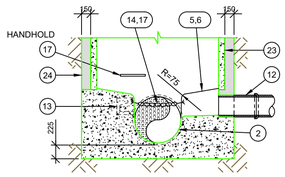
PLAN ON LANDING



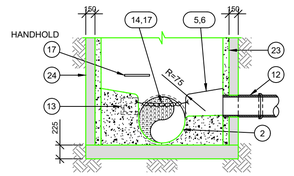
PLAN ON STRAIGHT INVERT
(WITHOUT COVER SLAB)



PLAN ON CURVED INVERT
(WITHOUT COVER SLAB)

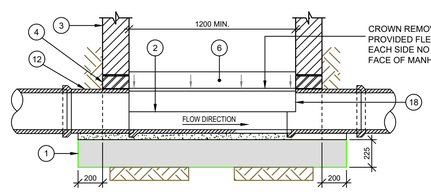


SECTIONS L2, K2 & J2
THROUGH PRECAST BASE
1:50



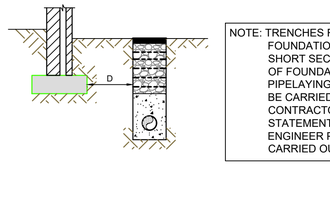
SECTIONS L2, K2 & J2
THROUGH INSITU BASE
1:50

COMMON DETAILS



ALTERNATIVE METHOD OF FORMING CHANNEL THROUGH MANHOLE

SCALE 1:25



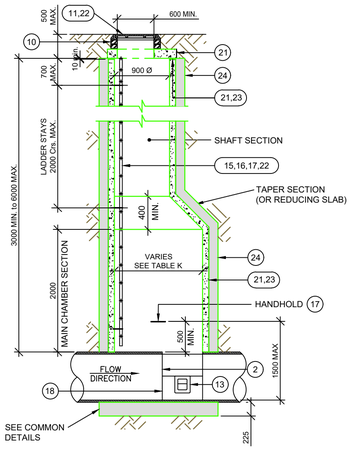
S1 SECTION
SCALE 1:50

CONCRETE PIPE LAID NEAR FOUNDATIONS

NOTE: TRENCHES FOR PIPES NEAR FOUNDATIONS TO BE EXCAVATED IN SHORT SECTIONS TO AVOID UNDERMINING OF FOUNDATIONS. EXCAVATION, PIPELAYING AND CONCRETE BACKFILL TO BE CARRIED OUT ON THE SAME DAY. CONTRACTOR TO SUBMIT METHOD STATEMENT FOR REVIEW BY THE ENGINEER PRIOR TO EXCAVATION BEING CARRIED OUT.

NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELVANT ARCHITECTS AND ENGINEERS DRAWINGS.
2. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE. ENGINEER TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE ANY WORK PROCEEDS.

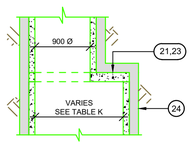
TABLE K	
MANHOLE PIPE Ø A	CHAMBER INTERNAL Ø B
225	1200
300	1200
375	1200
525	1200
600	1200
675	1350
750	1500
900	1500
1050	2100
1200	2100



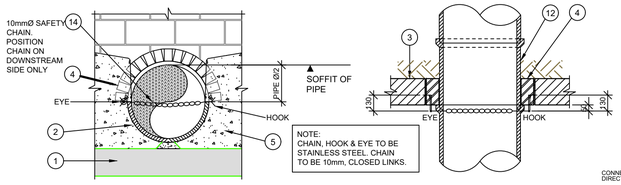
K1 SECTION
SCALE 1:50

MANHOLE TYPE K

3m ≤ DEPTH TO INVERT < 6m



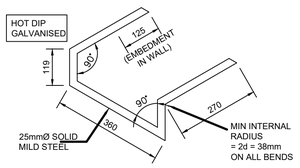
ALTERNATIVE DETAIL
(REDUCING SLAB INSTEAD OF TAPER SECTION)



ELEVATION PLAN

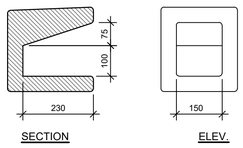
SAFETY CHAIN, HOOK & EYE DETAIL

N.T.S.



STANDARD RUNG
(IRON STEPS NOT PERMITTED)

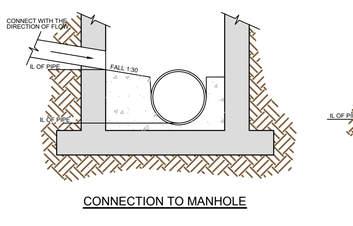
(SCALE 1:10)



DETAILS OF TOE HOLD

(SCALE 1:10)

MISCELLANEOUS MANHOLE DETAILS



CONNECTION TO MANHOLE

SADDLE CONNECTION

CONNECTION TO BRICK SEWER

MANHOLE CONNECTIONS
(DCC AREA ONLY)

Rev	Date	Amendments	by	chkd
P01	14.07.20	ISSUED FOR PLANNING	AG	AD

PROJECT
FCC HAYESTOWN HOUSING, RUSH, Co. DUBLIN

CLIENT
FINGAL COUNTY COUNCIL

DRAWING TITLE
MANHOLE DETAILS SHEET 2 OF 2

drawn by: AG	date: 14.07.20	scale: N.T.S	@ A1	chk: AD

Project	Originator	Volume	Level	Type	Role
20067 - DOW - 00 - XX - DR - CE					

20067	4001	P01
DOW Project No.	drg. no.	rev.

S4 - SUITABLE FOR STAGE APPROVAL

Suitability Status: Code - Description

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Consulting Structural & Civil Engineers

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