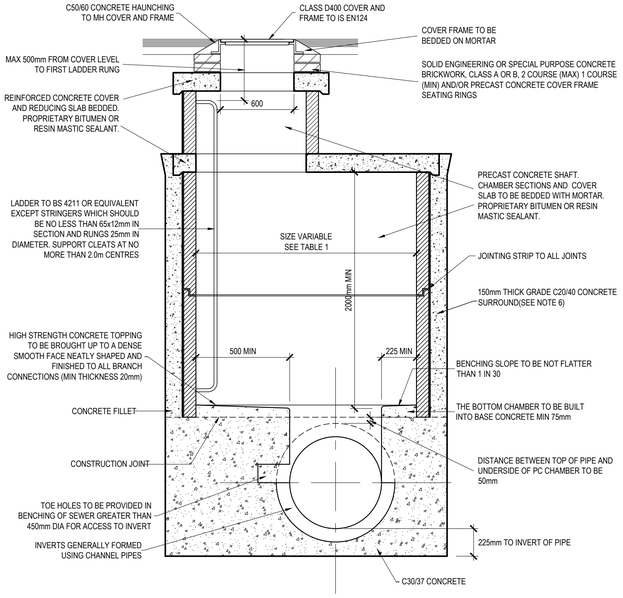
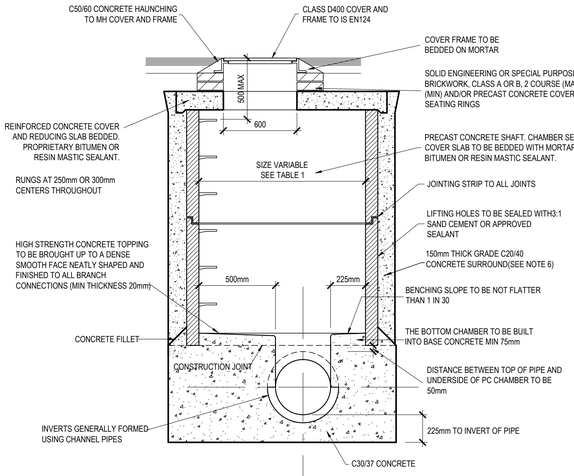
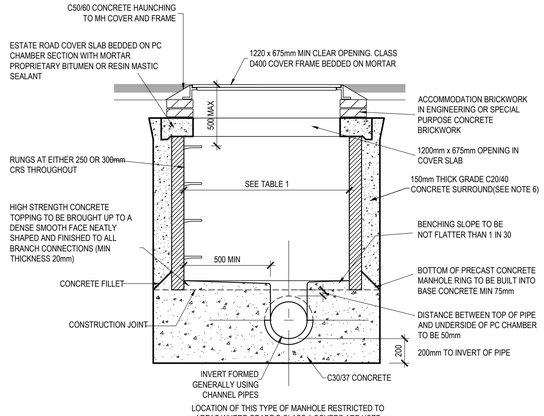
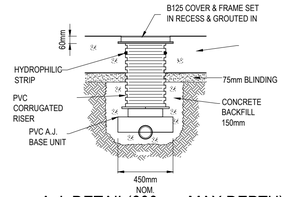


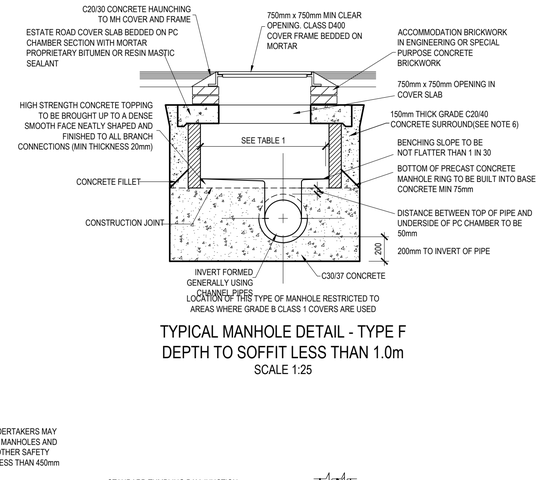




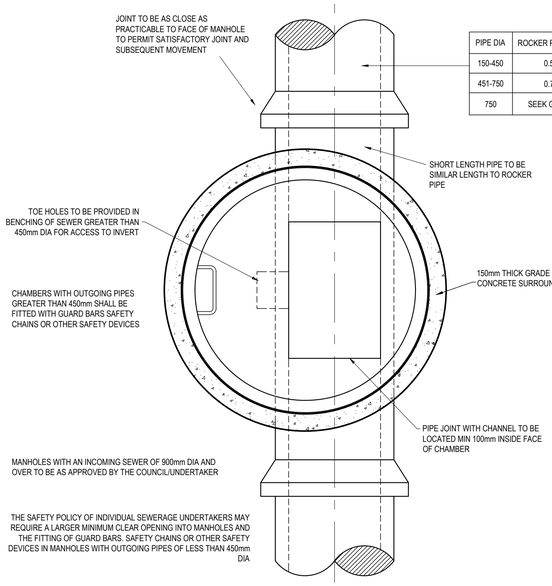
TYPICAL MANHOLE DETAIL - TYPE E
DEPTH TO SOFFIT 1.0 TO 1.35m
SCALE 1:25



A.J. DETAIL(600mm MAX DEPTH)

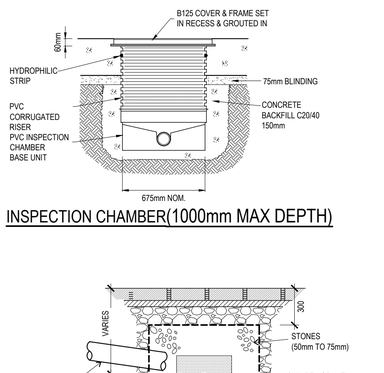


TYPICAL MANHOLE DETAIL - TYPE J
DEPTH TO SOFFIT 1.35 TO 3m
SCALE 1:25

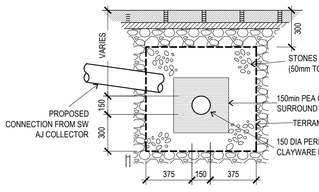


TYPICAL MANHOLE DETAIL - TYPE K
DEPTH TO SOFFIT 3 TO 6m
SCALE 1:25

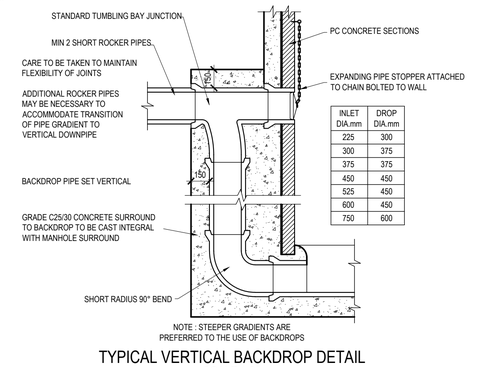
TYPICAL MANHOLE DETAIL - TYPE F
DEPTH TO SOFFIT LESS THAN 1.0m
SCALE 1:25



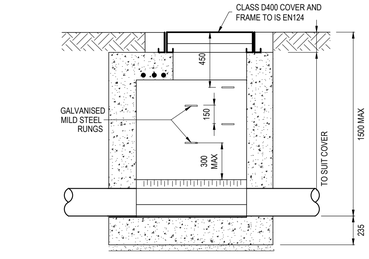
INSPECTION CHAMBER(1000mm MAX DEPTH)



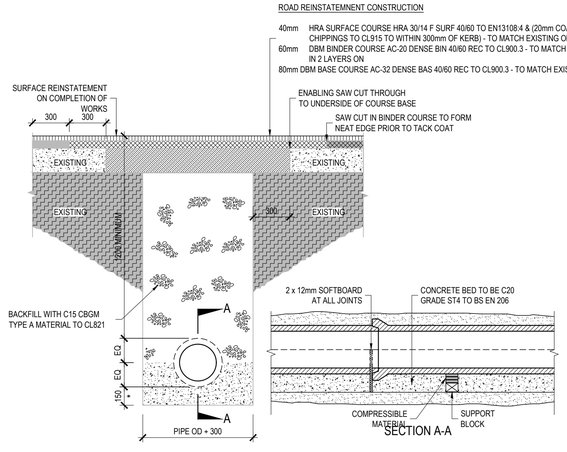
TYPICAL FILTER DRAIN



TYPICAL VERTICAL BACKDROP DETAIL
SCALE 1:25



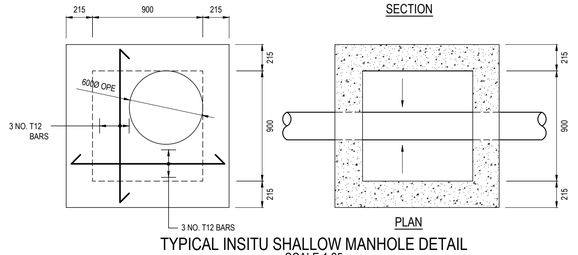
SECTION



DRAINAGE / DUCT TRENCH AND REINSTATEMENT IN EXISTING ROADS
SCALE 1:25

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION DIAMETER (mm)
LESS THAN 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800
> 750	PIPE SIZE + 1.3m

TABLE 1



TYPICAL INSITU SHALLOW MANHOLE DETAIL
SCALE 1:25

ON ORIGINAL

0 5 10 20 30 40 50mm

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NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL

NOTES:

GENERAL NOTES:

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS
2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
3. ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
4. ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
6. ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
7. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21:2014 - GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES

1. ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE U.N.O.: 35N20 COVER = 50mm MIN.
2. SURFACE FINISHES FOR CONCRETE:
   - -- CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
   - -- CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.
3. ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
4. ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC DUR 1680 (OR SIMILAR APPROVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL.
5. ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.
6. TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
7. TYPE 2 GRANULAR MATERIAL :BROKEN STONEOR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
8. TYPE 3 SELECTED FILL : UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
9. RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE, ASBESTOS CEMENT OR CLAY.

rev	date	description	by	chkd.
2	22-03-25	ISSUED FOR PLANNING	JVS	DCB
1	24-02-25	DRAFT PLANNING ISSUE	JVS	DCB
0	23-12-24	DRAFT PLANNING ISSUE	JVS	DPR

STATUS CODES

purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref.
KISHOGE PART 10 APPLICATION

drawing title
SITE 3 - TYPICAL DRAINAGE DETAILS SHEET 1

client
SDCC

designed by	author	scale	sheet size
DPR	JVS	AS NOTED	A1

drawing no. KSG3-DBFL-94-XX-DR-C-5301 | revision 2