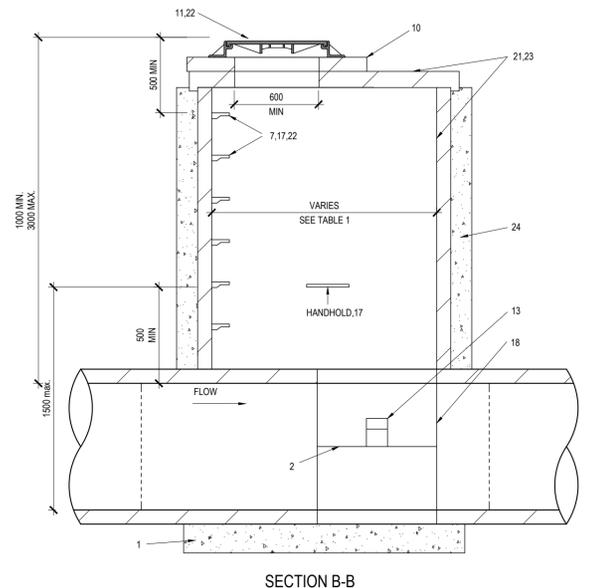
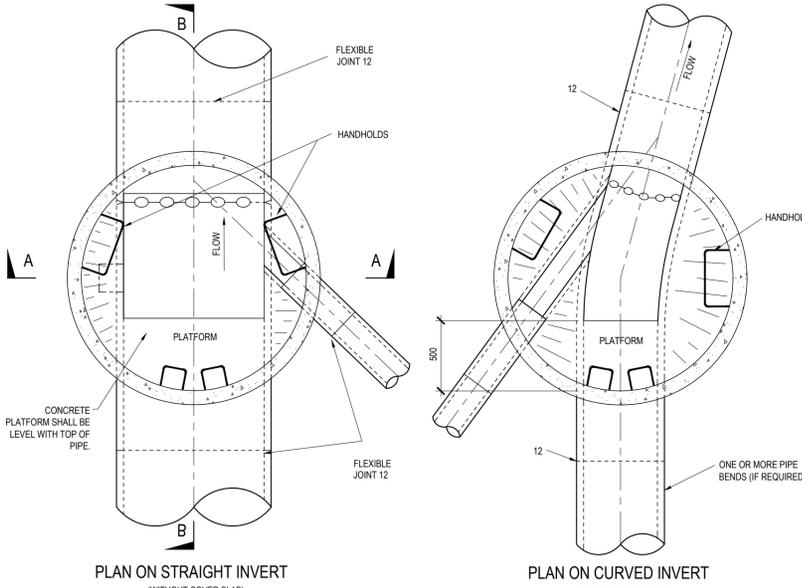


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- NOTES:
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RA SPECIFICATION FOR ROAD WORKS (UNO).
 - ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE COVER +30mm MIN UNO: 35/20
 - SURFACE FINISHES FOR CONCRETE:
 - CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
 - CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.
 - ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
 - ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE M/C SUR 180 (OR SIMILAR APPROVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL.
 - ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.
 - RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE, ASBESTOS CEMENT OR CLAY.
 - CLASS D4/D MANHOLE COVER FRAMES TO BE 150mm DEEP IN ROADS AND 100mm DEEP IN FOOTPATHS AND GREEN AREAS.
 - ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE NRA SPECIFICATION FOR ROAD WORKS AND IN ADDITION THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION S.R. 21/2014 GUIDANCE ON THE USE OF I.S. EN 1242:2002 +A1 2007 AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION.
 - ALL FOUL SEWERS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS.
 - ALL SURFACE WATER SEWERS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

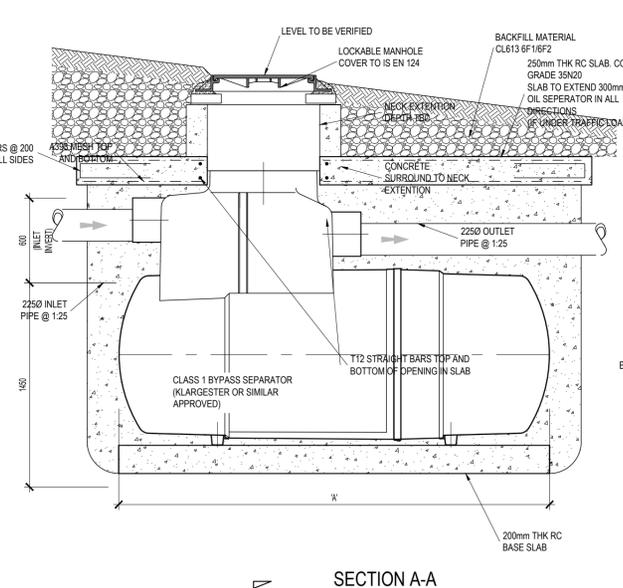


SECTION B-B

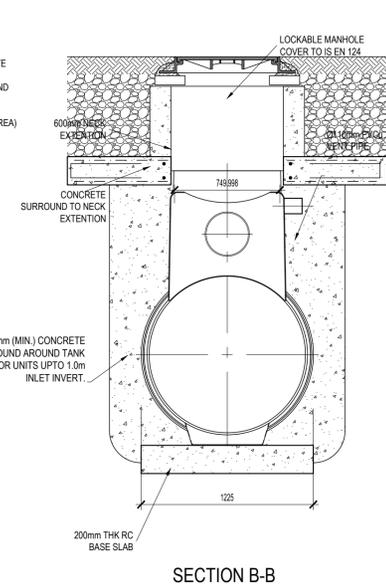


PLAN ON STRAIGHT INVERT (WITHOUT COVER SLAB)

PLAN ON CURVED INVERT (WITHOUT COVER SLAB)



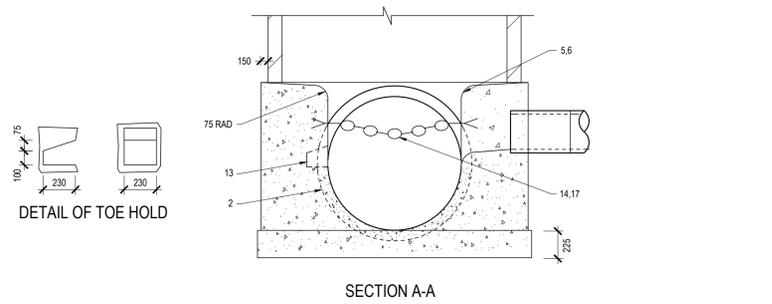
SECTION A-A



SECTION B-B

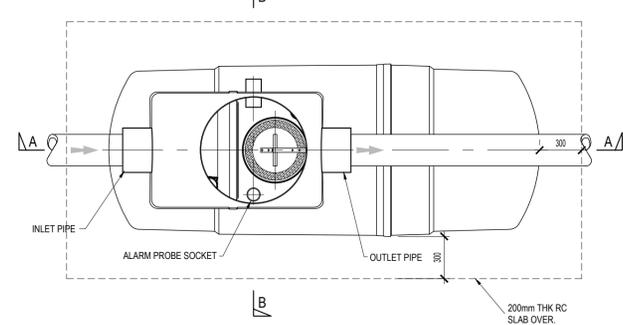
MAXIMUM PIPE DIAMETER	CHAMBER INTERNAL DIAMETER
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1350
900	1500
1050	2100
1200	2100

TABLE 1:



SECTION A-A

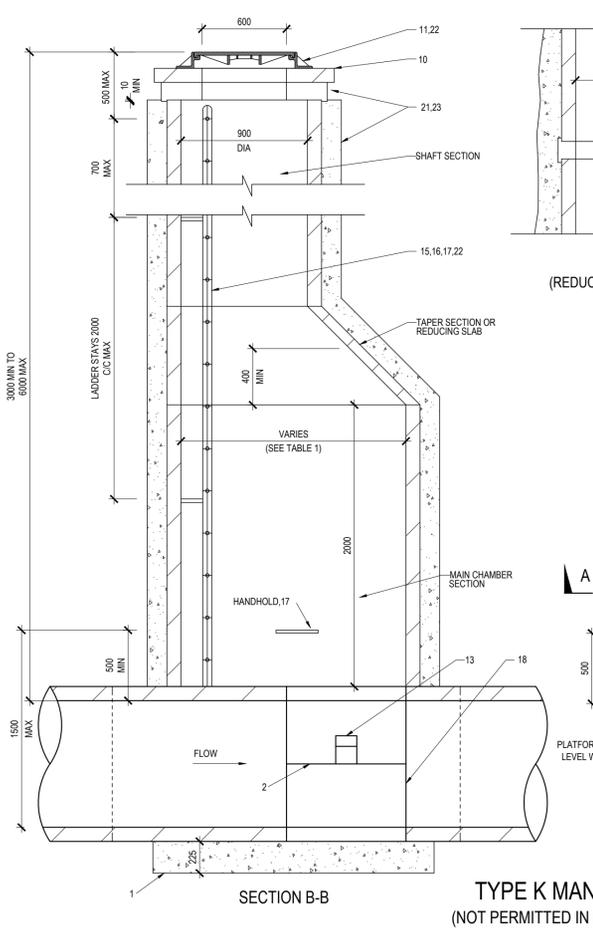
TYPE J MANHOLE (NOT PERMITTED IN DCC AREA)



PLAN

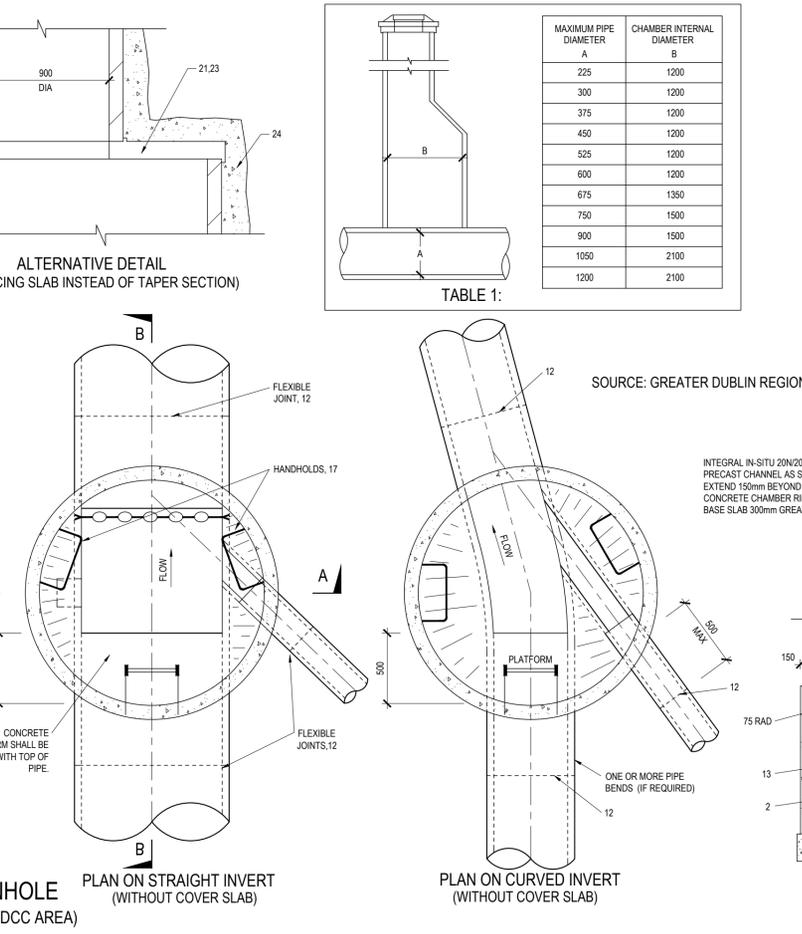
UNIT REF No.	NOMINAL FLOW	LENGTH	DIAMETER	STD PIPE Ø	FALL ACROSS UNIT
NSBE050	50 L/S	3960	1920	600	150
NSBE010	10 L/S	2069	1220	315	100

PETROL INTERCEPTOR DETAIL SCALE 1:25



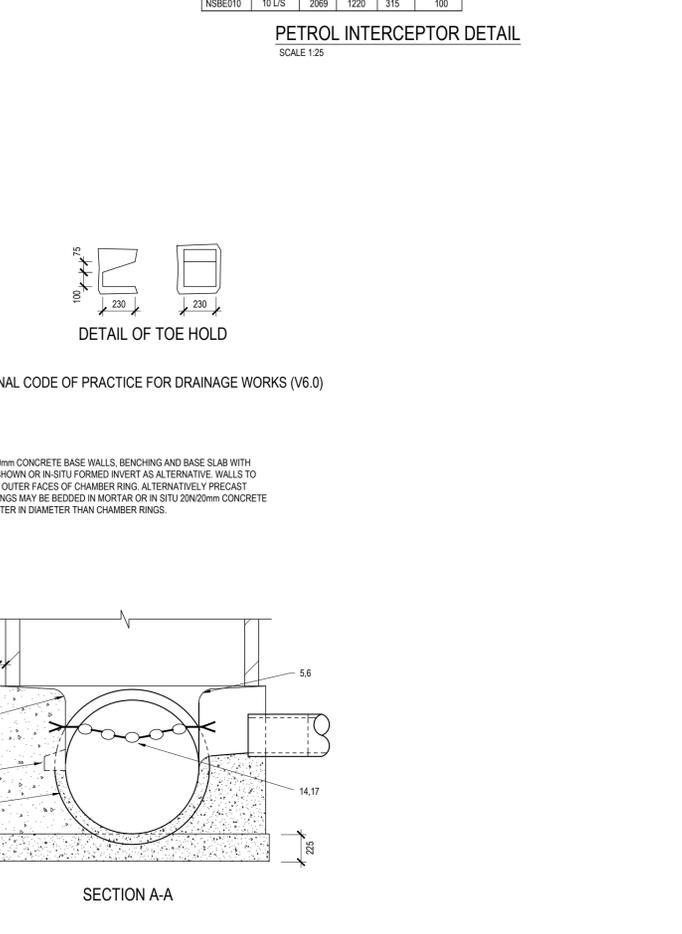
SECTION B-B

TYPE K MANHOLE (NOT PERMITTED IN DCC AREA)



PLAN ON STRAIGHT INVERT (WITHOUT COVER SLAB)

PLAN ON CURVED INVERT (WITHOUT COVER SLAB)



SECTION A-A

SOURCE: GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS (V6.0)

P01	01-09-22	STAGE 3 SHD PLANNING	GMC	BCM
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

client approval
 suitability issue purpose
 S2 - INFORMATION PLANNING
 DBFL Consulting Engineers
 Civil, Structural & Transportation Engineering
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 PHONE: +353 51 309 500
 project ref.

ASHBOURNE SHD
 drawing title
 TYPICAL DRAINAGE CONSTRUCTION DETAILS SHEET 2
 client
 ARNUB LTD. & ASPECT HOMES (ADC) LTD
 designed by
 BCM GMC AS NOTED A1
 drawing no.
 200059-DBFL-CS-SP-DR-C-5302 P01