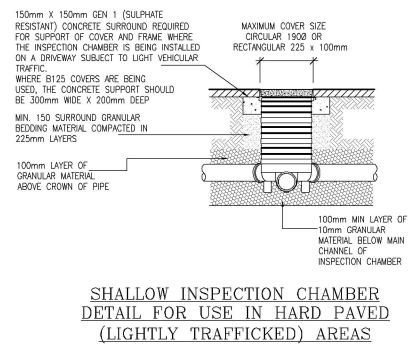
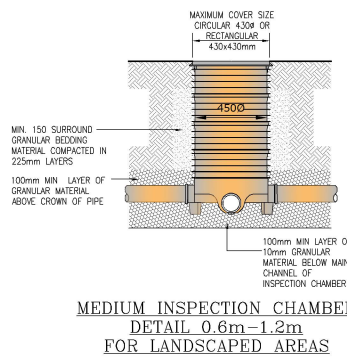
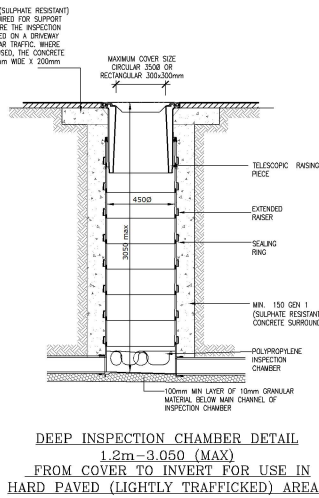
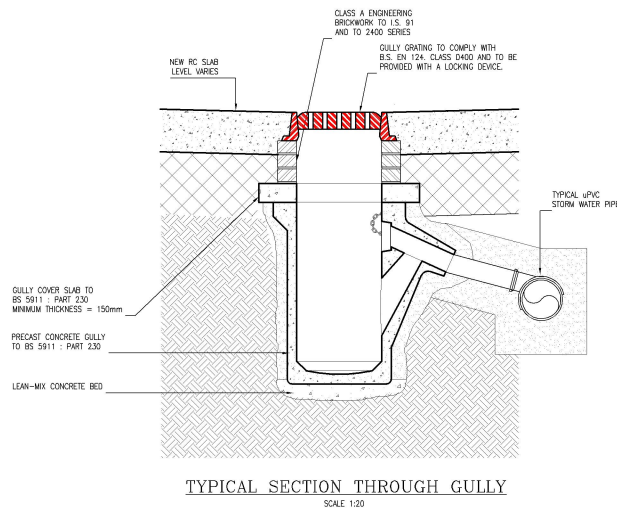
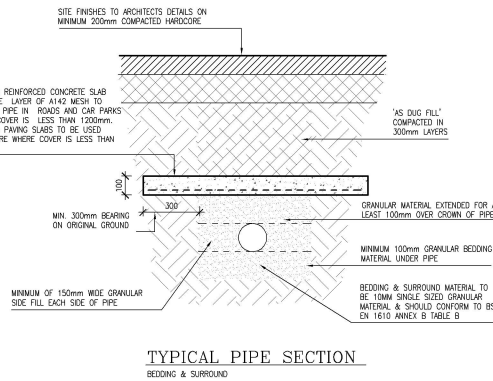
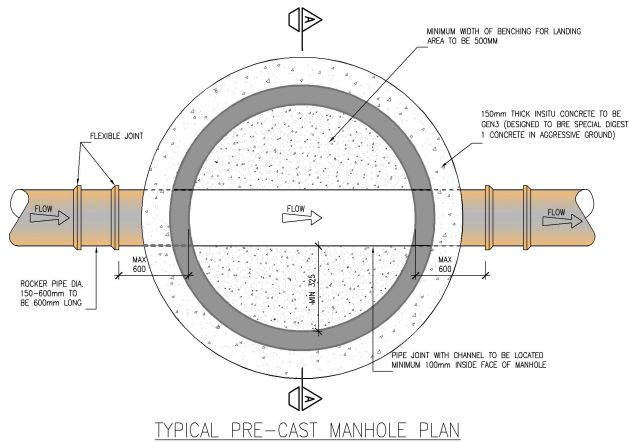


MINIMUM SIZE OF CAPPING SLABS		
PIPE SIZE (mm)	WIDTH (mm)	DEPTH (mm)
100	500	100
225	500	100
300	600	150
375	750	200
450	900	250
600	1200	300

MINIMUM INTERNAL DIMENSIONS OF MANHOLES	
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375mm	1200
375mm TO 450mm	1350
450mm TO 750mm	1500



## NOTES

### GENERAL NOTES :

1. ALL COYLE KENNEDY DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND ALL OTHER RELEVANT DRAWINGS.
2. ALL SETTING OUT, INSULATION, DPC, SCREED AND ROOM PROTECTION DETAILS BY ARCHITECT.
3. DETAILED SPECIFICATIONS (IF NOT ISSUED) ARE AVAILABLE AT ENGINEERS OFFICE FOR INSPECTION BY CONTRACTORS, BY APPOINTMENT.
4. DETAILS OF SUBSTRUCTURE GAS/WATER PROOFING MEMBRANES TO BE BY A REPUTABLE, COMPETENT SUPPLIER.
5. ALL SITE DEVELOPMENT WORKS SHOULD COMPLY WITH THE RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS PUBLISHED BY THE DEPARTMENT OF THE ENVIRONMENT.
6. THE CONTRACTOR SHALL BE DEEMED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AUTHORITIES AND BE SATISFIED IN RELATION TO THE SITE'S SURROUNDINGS, EXISTING SERVICES, LEVELS, BOUNDARIES, GROUND CHARACTERISTICS AND ANY OTHER SITE CONSTRAINTS.
7. THE CONTRACTOR IS DEEMED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AUTHORITIES AND BE SATISFIED IN RELATION TO THE SITE'S SURROUNDINGS, EXISTING SERVICES, LEVELS, BOUNDARIES, GROUND CHARACTERISTICS AND ANY OTHER SITE CONSTRAINTS.
8. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS.
9. WHERE LEANMIX IS SPECIFIED ALL LEANMIX TO BE GRADE GEN 3. UNLESS NOTED OTHERWISE.
10. ALL LEVELS ARE STRUCTURAL LEVELS (U.N.O.)
11. ALL COLUMNS CENTERED ON GRIDS (U.N.O.)
12. DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY

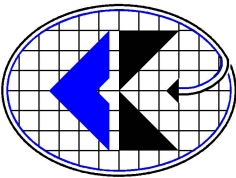
### DRAINAGE NOTES :

1. CONTRACTOR TO MAKE ALL NECESSARY ENQUIRIES REGARDING LOCATION OF EXISTING SENSERS, ELECTRICAL AND OTHER SERVICES ON SITE.
2. ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH PART H BUILDING REGULATIONS AND WHERE RELEVANT 'SENERS FOR ADOPTION 6TH EDITION' A DESIGN & CONSTRUCTION GUIDE FOR DEVELOPERS.
3. BEDDING MATERIAL TO BE 10mm SINGLE SIZED AGGREGATE COMPLYING WITH THE REQUIREMENTS OF AGGREGATES FOR CONCRETE. FOR RIGID PIPES THE GRANULAR MATERIAL SHOULD CONFORM TO BS EN 1610 ANNEX B TABLE B AND SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm TO 10mm FOR 150mm PIPES, 10mm FOR 150mm PIPES, 20mm FOR 150mm - 600mm DIAMETER AND 40mm FOR PIPES MORE THAN 600mm DIAMETER.
4. THE PREPARED UNDERBED OF THE TRENCH SHOULD CONSIST OF BEDDING MATERIAL FOR THE FULL WIDTH OF THE TRENCH AND LAD TO THE CORRECT GRADIENT. COMPACTION FRACTION MAXIMUM 0.3 FOR CLASS N OR B AND 0.15 FOR CLASS F
5. THE MINIMUM THICKNESS OF BEDDING MATERIAL UNDER THE BARREL OF THE PIPE SHOULD BE 100mm
6. IMPORTED BEDDING MATERIAL AND BACKFILL USING 'AS DUG MATERIAL' MUST BE APPROVED BY ENGINEER. BACKFILL WITH SELECTED OR GRANULAR FILL FREE FROM STONES LARGER THAN 40mm (AS DUG MATERIAL CANNOT BE CLAY)
7. ALL PVC-U PIPES AND FITTINGS USED FOR DRAIN AND SENSER MUST COMPLY WITH BS EN1401
8. ALL GULLY TOPS, MANHOLE COVERS, INSPECTION CHAMBER COVERS & DRAINAGE CHANNELS TO BE CLASS D400 IN ACCORDANCE WITH BS EN 124

F<sub>e</sub> - 8/1

Rev.	Revision	Date

DRAWING STATUS		
P PRELIMINARY	A APPROVAL	T TENDER
C CONSTRUCTION	R RECORD	I INFORMATION



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PROJECT  
BREAKSPEAR ROAD SOUTH, ICKENHAM

CLIENT  
FLANNERY'S

TITLE  
TYPICAL DRAINAGE DETAILS - SHEET 1

PROJECT No.	25-014	STATUS - DRAWING No.	
DATE	MARCH 2025	<b>C-310</b>	
SCALE	1:20, 1:50, 1:100, 1:500, 1:1000, 1:40, 1:100, 1:200, 1:10000	BY	CHECKED
		BK	SP
		DRAWING REV.	
		-	