

PRECAST CONCRETE/MDPE GULLY POT

NOTES

- I. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
- ALL LEVELS ARE IN METRES TO ORDNANCE DATUM, MALIN HEAD.

GENERAL NOTES:

- 1. CONCRETE SEWER PIPES WITH SPIGOT AND SOCKET JOINTS AND RUBBER RING FITTINGS TO COMPLY WITH IS/EN 1916 AND IS 6 2004 OR EQUIVALENT STANDARD
- CLASS M OR CLASS H.

 2. VITRIFIED CLAY PIPES AND FITTINGS COMPLYING WITH
 THE REQUIREMENTS OF IS/EN 295-1/2/3: 1992 OR
- EQUIVALENT STANDARD CLASS 160 OR CLASS 200.

 3. UNPLASTICIZED POLYVINYLCHLORIDE (UPVC) PIPES AND FITTINGS IN ACCORDANCE WITH THE REQUIREMENTS OF IS 424.

 4. CONCRETE BED AND SURROUND TO BE A MINIMUM
- 150mm THICK IN-SITU CONCRETE MIX SD1 IN ACCORDANCE WITH TABLE A2 OF THE SPECIFICATION AND HAUNCHED HALF WAY UP THE BARREL OF THE PIPE.

 5. GRANULAR BED AND SURROUND FOR RIGID PIPES TO BE
- . GRANULAR BED AND SURROUND FOR RIGID PIPE EITHER:
- A. 14mm TO 5mm GRADED AGGREGATE OR
- B. 10mm SINGLE SIZED AGGREGATE.
- ALL COMPLYING WITH THE REQUIREMENTS OF IS 5: PART 1: 1990, TABLE 7
 AND SHOULD HAVE A COMPACTION FACTOR VALUE NOT GREATER THAN 0.2
 WHEN MEASURED IN ACCORDANCE WITH BS 8301: 1985, APPENDIX D.
- 7. GRANULAR BED AND SURROUND AND COVER FOR UPVC
 TO BE:

 (A) 14mm TO 5mm GRADED AGGREGATE (PIPE DIAMETER

 ≥ 315mm)

 (B) 10mm SINGLE SIZED AGGREGATE (PIPE DIAMETER <
 315mm)
- PIPES WITH INADEQUATE COVER TO BE FULLY
 SURROUNDED IN 150mm THICK CONCRETE MIX SD1 IN
 ACCORDANCE WITH TABLE A2 OF THE SPECIFICATION.

 SURFACING TO BE IN ACCORDANCE WITH THE ROAD SPECIFICATION AND, IF APPROPRIATE, LOCAL AUTHORITY
- REQUIREMENTS.

 10. GRANULAR BACKFILL MATERIAL SHALL BE IN COMPLIANCE WITH CLAUSE 804 (GRANULAR MATERIAL TYPE B) OF THE TII T11 SPECIFICATION FOR ROAD WORKS. GRANULAR BACKFILL SHOULD BE PLACED UNIFORMLY ON EITHER SIDE OF THE PIPE IN LAYERS NOT EXCEEDING 100mm, EACH LAYER BEING COMPACTED BY HAND TAMPING UNTIL THE PIPE HAS MINIMUM OF 300mm COMPACTED COVER. CARE SHOULD BE TAKEN THAT THE PROCESS OF COMPACTION DOES NOT DISPLACE THE PIPE FROM ITS CORRECT LINE AND LEVEL. SUBSEQUENT LAYERS OF GRANULAR FILL TO BE WELL COMPACTED IN 150mm THICK LAYERS TO THE LOCAL AUTHORITY ROAD
- CROWN OF THE PIPE.

 11. LEANMIX BACKFILL TO TRENCHES IN EXISTING ROAD,
 WHERE REQUIRED BY THE LOCAL AUTHORITY TO BE
 CONCRETE MIX SD1 IN ACCORDANCE WITH TABLE A2 OF

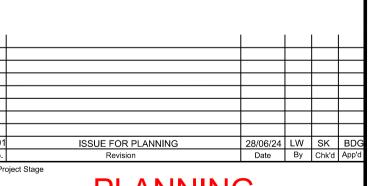
DIVISION SPECIFICATION. MECHANICAL COMPACTION

EQUIPMENT SHOULD NOT BE USED UNTIL THERE IS A

MINIMUM OF 450mm COMPACTED COVER OVER THE

- THE SPECIFICATION.

 12. SELECTED FILL SHOULD BE FREE FROM STONES LARGER THAN 37mm, LUMPS OF CLAY OVER 75mm, TIMBER, FROZEN MATERIAL AND VEGETABLE OR FOREIGN MATTER. SELECTED FILL SHOULD BE PLACED UNIFORMLY ON EITHER SIDE OF THE PIPE IN LAYERS NOT EXCEEDING 100mm, EACH LAYER BEING COMPACTED BY HAND TAMPING UNTIL THE PIPE HAS A MINIMUM OF 150mm COMPACTED COVER. CARE SHOULD BE TAKEN THAT THE PROCESS OF COMPACTION DOES NOT DISPLACE THE PIPE FROM ITS CORRECT LINE AND LEVEL. SUBSEQUENT SELECTED FILL CAN BE PLACED AND COMPACTED IN 150mm THICK LAYERS.
- 13. GENERAL BACKFILL MATERIAL SUITABLE FOR BACKFILL ABOVE SELECTED FILL MATERIAL SHOULD BE FREE FROM BOULDERS, LUMPS OF CONCRETE, TIMBER AND VEGETABLE OR FOREIGN/CONTAMINATED MATTER. GENERAL BACKFILL SHOULD BE PLACED IN LAYERS NOT EXCEEDING 300mm, EACH LAYER BEING WELL COMPACTED. MECHANICAL COMPACTION EQUIPMENT SHOULD NOT BE USED UNTIL THERE IS A MINIMUM OF 450mm COMPACTED COVER OVER THE CROWN OF THE
- 14. AN APPROVED WARNING MARKER TAPE TO BE PROVIDED TO ALL PUBLIC SEWERS IN ACCORDANCE WITH SECTION R12 OF THE SPECIFICATION.



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oject Title 3FM PROJECT

MARITIME VILLAGE:
SURFACE WATER DETAILS SHEET 1 OF 4

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