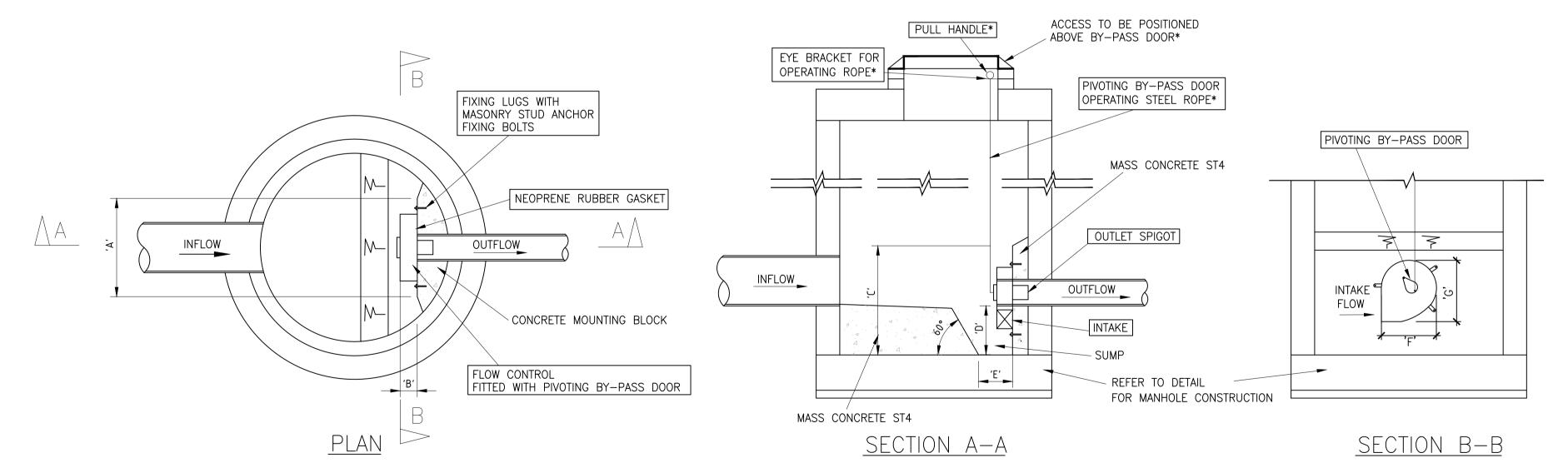
TYPICAL UNDERGROUND SURFACE WATER STORAGE UNIT DETAILS — TANKS 1A, 1B, 2A, 2B, 3A AND 3B.

FP MCCANN STORM STORE PRE CAST CONCRETE (VARIES) INTERNAL HEIGHT TANK

UNITS IN LINE WITH THE STORM WATER ATTENUATION REQUIREMENTS.

DETAILS SUBJECT TO FP MCCANN DETAILED DESIGN.

PRODUCT SUBJECT TO CLIENT APPROVAL.



TYPICAL DESIGN LAYOUT FOR PROPOSED

FLOW CONTROL IN CIRCULAR MANHOLE

NOT TO SCALE

GENERAL: . ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE STATUTORY UNDERTAKERS, PRIOR TO THE COMMENCEMENT OF THE WORKS, TO ESTABLISH THE EXACT POSITION OF THEIR PLANT, WHICH SHALL BE CONFIRMED BY HAND DUG TRIAL PITS. 3. ALL CONCRETE AND CONCRETE PRODUCTS BELOW GROUND LEVEL SHALL BE SULPHATE RESISTING PORTLAND CEMENT CLASS GEN3 IN ACCORDANCE WITH BRE SPECIAL 4. ALL PIPE CONNECTIONS SHALL BE MADE SOFFIT TO 5. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE DRAINAGE WORKS FOR THE DURATION OF THE CONTRACT. 6. DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65:1991 "SUPER STRENGTH" SPECIFICATION AND BS EN 295-1:2013 (HEPWORTH SUPERSLEVE OR SIMILAR APPROVED) OR FLEXIBLY JOINTED CONCRETE PIPES TO BS 5911-1:2002 OR UPVC BUILDING DRAINAGE SYSTEM PIPE WORK TO BS EN 1401:2009, OR THERMOPLASTIC STRUCTURED WALL PIPES TO CLAUSE 518 OF SHW (TESTES IN ACCORDANCE TO WIS4-35-01), BEDDED AND BACK FILLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL TESTED IN ACCORDANCE WITH BS EN 1610:1998. 7. PRIVATE FOUL WATER AND SURFACE WATER DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H, BS EN 752:2008 AND RELEVANT AGREEMENT CERTIFICATES. 8. ALL MANHOLE COVERS SHALL BE BADGED 'SW' FOR SURFACE WATER AND 'FW' FOR FOUL WATER

9. GULLY POTS SHALL BE PROVIDED WITH A HOT DIP

FIXING WITH A 150mmø OUTLET PIPE.

ACCORDANCE WITH CL. 509 OF SHW.

(i) TO CL. 2404 OF SHW.

P1 ISSUED FOR INFORMATION

Client: JENNER

OSG ARCHITECTS

RESIDENTIAL DEVELOPMENT

6457

ST.PHILIP HOWARD SCHOOL, KENT

BELOW GROUND DRAINAGE DETAILS SHEET 4

Date: Sheet Size: APRIL 17 A1

SPH-KSA-Z0 -ZZ -DR -C -6253

USED IN ALL PRECAST JOINTS.

GALVANISED STOPPER AND CHAIN WITH A BAYONET TYPE

10. THE GULLY GRATING AND FRAME SHALL BE SET AT A LEVEL OF +/-6mm BELOW THE FINISHED GROUND

11. ALL GULLY CONECTIONS MUST BE AIR TESTED IN

12. RIGID PIPES ENCASED IN CONCRETE SHALL HAVE A MOVEMENT JOINT CONSISTING OF 13mm COMPRESSIBLE BOARD AROUND THE SPIGOT NEXT TO THE SOCKET, EITHER AT EACH JOINT OR NOT EXCEEDING 5 METRE

13. CONCRETE COVER TO ANY OF THE PIPES MAY BE FORMED TO A RADIUS BATTER OR HORIZONTAL SURFACE.

14 REINFORCED IN-SITU CONCRETE TO CL. 1700 OF

UNREINFORCED IN-SITU CONCRETE TO CL. 2602 OF SHW.

15. CEMENT MORTAR FOR BRICKWORK AND HAUNCHING TO MANHOLE COVERS AND FRAMES TO BE DESIGNATION

16. 'TOKSTRIP' SEALANT OR SIMILAR APPROVED TO BE

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ACCORDINGLY.

INTERVALS.

S2 P1