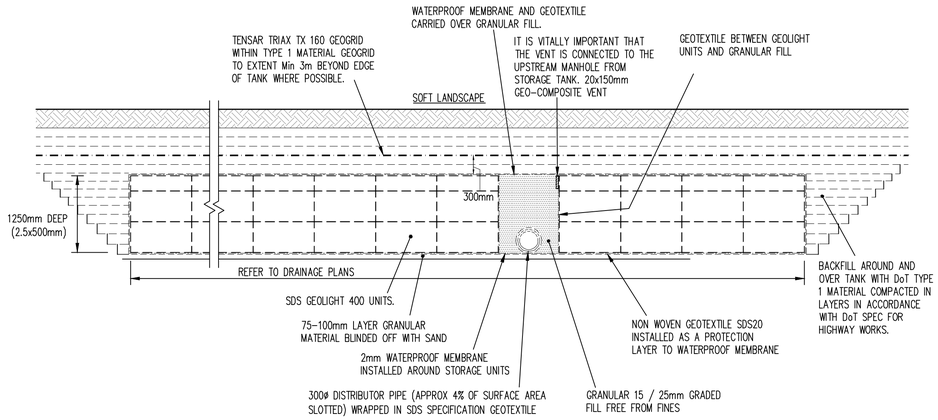


1.25m Depth Surface Water Storage Tank Within Soft Landscape Area Installation Detail

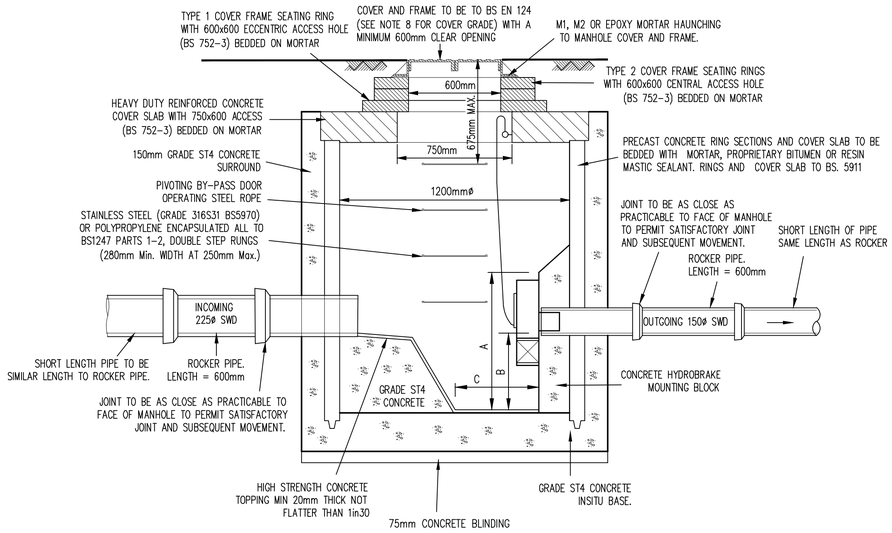
NOTES. SCALE 1:20

IF GROUND CONDITIONS AT FORMATION LEVEL ARE NOT AS ANTICIPATED ENHANCEMENT OF SUB BASE BLINDING LAYER MAY BE REQUIRED. ENGINEER TO BE CONSULTED BEFORE LAYING OF ANY UNITS.

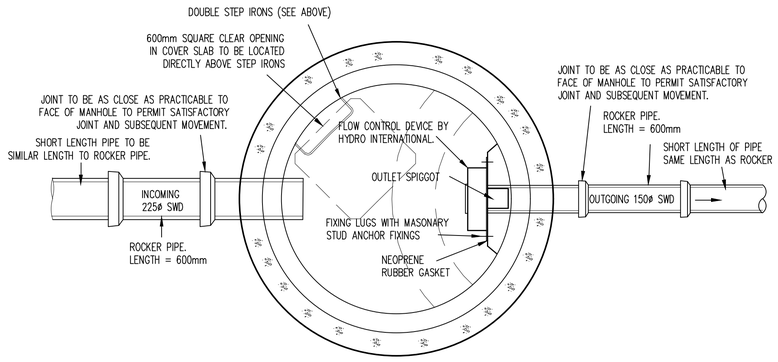
THIS DETAIL HAS BEEN BASED ON TYPICAL INSTALLATION DIAGRAM.

REFER TO SITE DRAINAGE PLANS FOR OVERALL TANK SIZE.

SDS GEOLIGHT UNITS SHALL BE INSTALLED BY MANUFACTURES APPROVED CONTRACTORS AND INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURES INSTRUCTION.



HYDRO-BRAKE DETAILS			
TYPE	TBC		
SIZE	TBC		
OUTLET	150ø		
FLOW RESTRICTION	2.0 L/Sec.		
DIM	A	B	C
mm	TBC	450	450



2.0L/Sec (Outfall 3) Flow Control Manhole Detail

SCALE 1:20

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS. ANY DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON THIS OR ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO WORKS COMMENCING ON SITE.

2. ALL CONCRETE AT OR BELOW GROUND LEVEL ON SITE SHALL BE ABLE TO WITHSTAND SULPHATE CONCENTRATIONS IN ACCORDANCE WITH BRE SPECIAL DIGEST 1.

3. DOMESTIC DRAINAGE SHALL BE OSMA 'OSMADRAIN', HEPWORTH OR OF SIMILAR APPROVED TYPE, BEDDED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

4. WHERE CONCRETE BED AND SURROUND IS SPECIFIED JOINT FILLER SHOULD BE PROVIDED AT EVERY JOINT. THE FILLER MAY BE EXPANDED POLYSTYRENE 25mm THICK OR FLEXCELL CUT TO THE SHAPE OF THE BED AND SURROUNDED AND SUCH THAT THE INGRESS OF CONCRETE INTO THE PIPE IS PREVENTED.

5. TO ALLOW FOR POSSIBLE DIFFERENTIAL MOVEMENT A FLEXIBLE JOINT MUST BE INCORPORATED IN EACH SECTION OF PIPELINE WITHIN 150mm OF WHERE IT ENTERS A BUILDING OR CONNECTS WITH A MANHOLE, WALL OR OTHER STRUCTURE:- SEE MANUFACTURERS INSTRUCTIONS.

6. ALL PIPEWORK GENERALLY TO BE BEDDED AS FOLLOWS UNLESS SHOWN DIFFERENTLY ON CARRIAGEWAY LONGITUDINAL SECTIONS

(i) UNDER VEHICULAR AREAS WHERE COVER IS LESS THAN 900mm UNDER PEDESTRIAN AREAS WHERE COVER IS LESS THAN 600mm. ALL GULLY CONNECTIONS. } CONCRETE BED AND SURROUND.

(ii) UNDER VEHICULAR AREAS, PEDESTRIAN AREAS WHERE DEPTHS GIVEN IN (i) ARE EXCEEDED; } CLASS S BEDDING.

7. MANHOLE COVERS SHALL BE INSTALLED PARALLEL TO KERB LINES.

8. MANHOLE COVERS SHALL BE TO BS EN 124 AS FOLLOWS : -
ROADS - CLASS D400
PARKING AREAS - CLASS C250
LANDSCAPED AREAS - CLASS B125

AutoCAD.DWG VERSIONS OF THIS DRAWING NEED TO BE PRINTED USING THE SDP-STANDARD CTB FILE FOR CLARITY.

REV	DATE	DESCRIPTION	BY	CHK
T1	APR 22	TENDER ISSUE.	AJV	

STATUS

TENDER

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CLIENT

OAKFORD HOMES

SITE

FORD ROAD, ARUNDEL

TITLE

Domestic Drainage Construction Details Sheet 4 of 4

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SCALE	DRAWN	DATE
See Drg @ A1	AJV	APR 22
	CHECKED –	PASSED –

DRAWING NO.	SDP DRAWING NO.	REV.
OAK097_1115	E19-003-1115	T1