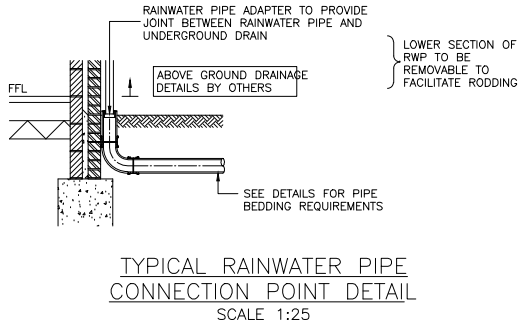
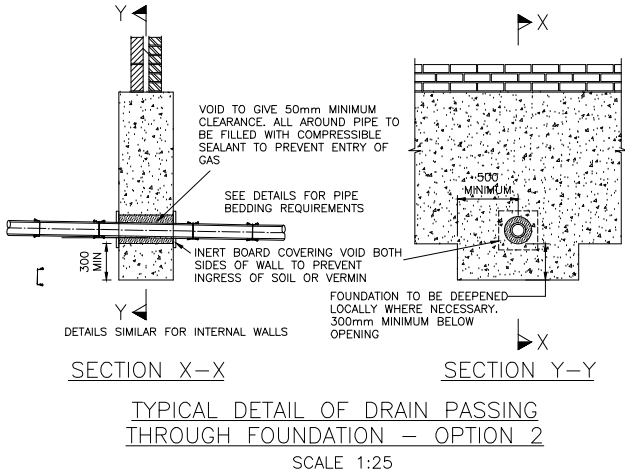
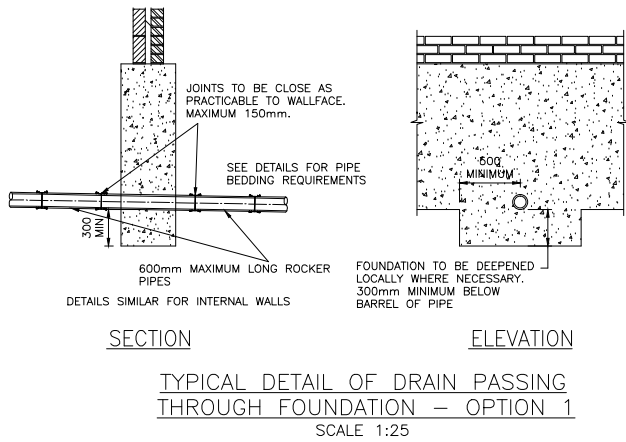


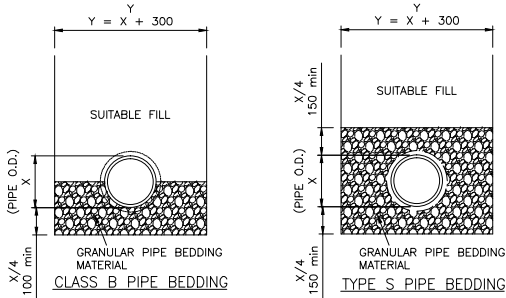
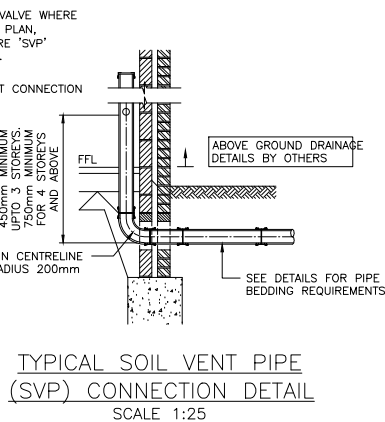
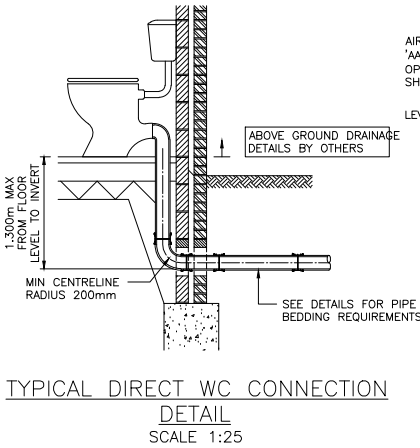
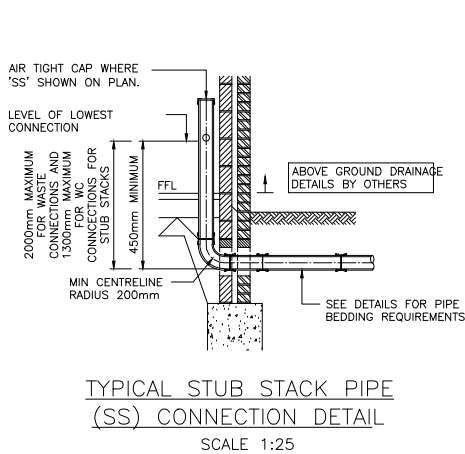
NOTES:

- 1) ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL, APPROVED DOCUMENT H, 2010 EDITION.
- 2) ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
- 3) THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- 4) SMALL LIGHTWEIGHT ACCESS COVERS SHOULD BE SECURED (FOR EXAMPLE WITH SCREWS) TO DETER UNAUTHORISED ACCESS.
- 5) INSPECTION CHAMBERS AND MANHOLES IN BUILDINGS TO HAVE MECHANICALLY FIXED AIRTIGHT COVERS UNLESS THE DRAIN ITSELF HAS WATERTIGHT ACCESS COVERS.
- 6) MANHOLES DEEPER THAN 1M TO HAVE GALVANISED STEEL STEP IRONS OR FIXED LADDERS.
- 7) ALL ABOVE GROUND DRAINAGE TO INCORPORATE RODDING ACCESS FACILITIES.
- 8) INSITU CONCRETE FOR USE IN GENERAL DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH BS:8500, AND IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SITE INVESTIGATION REPORT, AND IN ACCORDANCE WITH BRE DIGEST 1 "CONCRETE IN AGGRESSIVE GROUND" TO MEET ANY EXPECTED SULPHATE CONDITIONS.
- 9) MANHOLE COVERS WITHIN BLOCK PAVED AREAS SHALL BE RECESSED WITH INFILL TO MATCH ADJACENT SURFACING.



FOR RIGID PIPES:  
eg. CLAYWARE, CONCRETE

FOR FLEXIBLE PIPES:  
eg. THERMOPLASTIC



SUITABLE FILL – THE SUITABLE FILL SHALL BE SUITABLE FOR THE LOCATION AND SHALL BE CAREFULLY COMPACTED TO PROVIDE A STABLE FILL WITHOUT DAMAGING THE PIPE. FILL UNDER CAR PARKING AREAS, SHARED DRIVES AND PRIVATE ROADS SHALL BE WELL COMPACTED GRADED GRANULAR MATERIAL. FILL UNDER ADOPTABLE ROADS MAY NEED TO BE TYPE 1 GRANULAR SUB-BASE MATERIAL – CHECK WITH HIGHWAY AUTHORITY IF APPROPRIATE.

GRANULAR MATERIAL – FOR RIGID PIPES THE GRANULAR MATERIAL SHOULD CONFORM TO BS EN: 1610 Annex B Table B.15 AND SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UPTO A MAXIMUM SIZE OF 10mm FOR 100mm DIAMETER PIPES, 14mm FOR 150mm DIAMETER PIPES, 20mm FOR PIPES FROM 150mm TO 600mm DIAMETER AND 40mm FOR PIPES MORE THAN 600mm DIAMETER.

LIMITS OF COVER IN ANY WIDTH OF TRENCH			
NOMINAL SIZE	LAD IN FIELDS	LAD IN LIGHT ROADS	LAD IN MAIN ROADS
CLASS 125 CLAYWARE PIPES (CLASS S BEDDING)			
100mm	0.6m – 8.0+ m	1.2m – 8.0+ m	1.2m – 8.0m
225mm	0.6m – 5.0m	1.2m – 5.0m	1.2m – 4.5m
400mm	0.6m – 4.5m	1.2m – 4.5m	1.2m – 4.0m
600mm	0.6m – 4.5m	1.2m – 4.5m	1.2m – 4.0m
CLASS M CONCRETE PIPES (CLASS S BEDDING)			
300mm	0.6m – 3.0m	1.2m – 3.0m	1.2m – 2.5m
450mm	0.6m – 3.5m	1.2m – 3.5m	1.2m – 2.5m
600mm	0.6m – 3.5m	1.2m – 3.5m	1.2m – 3.0m
THERMOPLASTIC PIPES (CLASS S BEDDING)			
100 – 300mm	0.6m – 7.0m	0.9 – 7.0m	0.9m – 7.0m

REV	DATE	DESCRIPTION	DRAWN	CHKD
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REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project  
**WALTER GIDNEY PAVILION  
SOHAM, CAMBRIDGESHIRE  
PHASE II WORKS**

Title  
**PRIVATE DRAINAGE  
CONSTRUCTION DETAILS  
SHEET 2 OF 3**

Client  
**SOHAM TOWN COUNCIL**

Scale AS SHOWN @ A1	Drawn NTU	Date MARCH 2020
Job Manager R. MORRIS	Checked SJH	Approved RNL

**Richard Jackson**  
Engineering Consultants

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Drawing No.  
**43661/C/12**

Revision

Drawing Status  
☐ INFORMATION  
☐ TENDER

☒ APPROVAL  
☐ CONSTRUCTION

☐ COSTING  
☐ AS CONSTRUCTED