

Remarks:	Coring Details			Grouting Details	
	Depth (Top) (m)	Depth (Base) (m)	Concrete (cu m)	Depth (Base) (m)	Duration (hr)
Hardstanding core. Cable percussive borehole terminated at 19.95m bgl at target depth.	0.00	0.00	200		
	0.00	15.00	150		
	Water Injection				
	Depth (Top) (m)	Depth (Base) (m)	Volume (cu m)	Water (cu m)	Pressure (kPa)
	3.00	30	270		

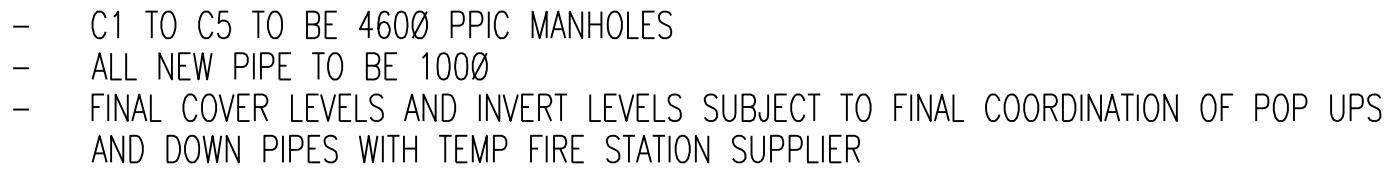
ACCOMMODATION BLOCK

ANALYSIS FOR THE FOUNDATION WAS BASED ON THE WHITEFIELD LAYOUT USING THE BASE LOADS FROM THE RECENT CREWE PROJECT.

APPLIANCE BAY IS A MUCH LIGHTER STRUCTURE AND THE MAIN REQUIREMENT IS TO MAKE SURE THERE IS SUFFICIENT ANCHORAGE FOR ANY HOLDING DOWN BOLT. THEREFORE, ANY HOLDING DOWN BOLT SHOULD MAKE CONNECTION TO THE CONCRETE SLAB BENEATH THE ASPHALT AND NOT TO THE ASPHALT



ON 150mm MOT TYPE 1



- ALL TRENCH REINSTATEMENT TO BE AS CLASS S PIPE BEDDING AND SURROUND FOR TRAFFIC AREAS AS SHOWN ON BGH DRAWING WFS-BGH-XX-XX-DR-C-0154.
- PAVEMENT BUILD UP TO BE 300MM THICK C28/35 (2 LAYER A393 MESH 1 TOP, 1 BTM) + 150mm MOT TYPE 1
- 400mm LONG H16 DOWELS @ 300mm CENTRES REQUIRED

- ONCE THE TANK HAS BEEN REMOVED THE GROUND SHOULD BE BACKFILLED WITH 6F2 MATERIAL SUBJECT TO COMPACTION NOTES BELOW

- COMPACTION OF 6F2 TO BE IN LINE WITH METHOD 6 OF TABLE 54 OF THE SPECIFICATION FOR HIGHWAYS SERIES 600.
- FOR THICKER LAYERS FILL MUST BE INCREASED TO:
 - 1. TYPE 1A MATERIAL (WELL GRADED GRANULAR) TABLE 54 METHOD 2
 - 2. TYPE 1B MATERIAL (UNIFORMLY GRADED GRANULAR) TABLE 54 METHOD 3

FW = FOUL WATER
CW = COMBINED WATER
SW = SURFACE WATER

EXISTING FW

EXISTING SW DRAIN

FUNCTION ON BRAIN:

DRAIN

DRAIN

PROPOSED CW DRAIN

SURFACE WATER SLAB
PENETRATION OR EXTERNAL

RAINFALL DOWNFALL POSITIONS

FROM UNITED STATES

FOUL WATER SLAB FW

SOIL STACK POSITIONS

NEIDM TUE

2 REPORT

4 6 8 10m

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All dimensions are to be checked on site by the contractor prior to proceeding with any work.



B G
& H

Architects
Consulting Engineers

21 Silverwell Street
Bolton
BL1 1PR
t: 01204 525321
email@bghbolton.co.uk

Bradshaw Gass & Hope LLP

ISG CONSTRUCTION LTD

WHITEFIELD FIRE STATION

drawing

TEMPORARY FIRE STATION
FOUNDATION AND DRAINAGE
REQUIREMENTS

scale	1:100	A1
duration		coll

WFS-BGH-02-XX-DR-C-0172	P8
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PROPOSAL IS SUBJECT TO ADDITIONAL TRIAL HOLES TO CONFIRM THE
EXTENT OF THE CONCRETE SLAB INDICATED IN THE PHASE 2 REPORT

