



ROGER BULLIVANT



EXCELLENCE IN
GEOTECHNICAL
ENGINEERING



CLIENT	GALIFORD TRY SOUTHERN
CONTRACT TITLE	ASTOR COLLEGE
CONTRACT NUMBER	DM16 5300

FULL SITE ADDRESS	ASTOR COLLEGE CHARLOTTE STREET EUSTON LONDON W1T4 QB
--------------------------	---

RISK ASSESSMENT & METHOD STATEMENT

**HOLLOW STEM SECTIONAL FLIGHT
AUGER (SFA) BORED PILING**

Restricted Access Piling

Arturo Lewis Contracts Engineer	Terry Rankin Operations Manager	Oliver Dawson Mini Piling Manager
AUTHOR	REVIEWER	APPROVER

REVISION	DATE	REVISION DESCRIPTION
-----------------	-------------	-----------------------------



Roger Bullivant Limited
 Unit 1, Wilks Ave., Questor Trade Park, Dartford,
 Kent, DA1 1JS
 Tel: 01322 286 565
 Web: www.roger-ullivant.co.uk
 @RogerBullivant





00

Approved for Construction (Roger Bullivant)

KEY CONTACTS

OFFICE PERSONELL

Name	Job Title	Contact Number
Oliver Dawson	Mini Piling Manager	07976 785738
Terry Rankin	Operations Manager	07966 396932
Arturo Lewis	Contracts Engineer	07866 973584

SITE PERSONELL

Name	Job Title	Contact Number
TBC	Piling Foreman	TBC
TBC	Banksman/ second man	TBC
TBC	Banksman/ second man	TBC





Contents

1.0 SCOPE OF WORKS.....	4
2.0 ACCESS & METHOD	4
3.0 LABOUR	4
4.0 TRAINING.....	5
5.0 PLANT & EQUIPMENT.....	5
6.0 MATERIALS	5
7.0 PROTECTION.....	6
8.0 APPENDICES.....	
8.1 UMP –SMS – 1301: Method Statement for the Safe Operation of Auger Rigs.....	
8.2 UMP – SMS – 1313: Method Statement for the Safe Construction of a Hollow Stem Bored Piles	
8.3 GEN –SMS – 1004: Method Statement for the Safe use of the Auger Clamp.....	
8.4 GEN-TMS-1301: Method Statement for the Safe Practice of Sonic Integrity Testing.....	
8.5 GEN – RA-1001: Risk Assessment – Mini Piling/Restricted Access	
8.6 the Summo Utility detection/ & Mk surveys.....	



1.0 SCOPE OF WORKS

- The works will consist of installing 5 No. 300mm diameter Temporary cased hollow stem sectional flight auger bored piles to depths of 12.5m
- Using sectional flight auger method refer to method statement UMP-MS-1304

2.0 ACCESS & METHOD

- Prior to any piling equipment being mobilised to site Galliford Try must complete RBL's Permit to Dig form and have a competent person cat scan the piling area + 2mtrs.
- Piling area service drawing plans should be made available on site at all times. These will need to be viewed before commencement of contract.
-
- Piles in close proximity to be cased 343mm.
- A prestart site inspection and FPS piling platform certificate will be completed by a member of the RBL management team, and agreed and signed off by all parties.
- Access for all plant and labour is to be through the main gate into the / lay down area.
- All setting out by others. No pile position will be closer than 800mm to any structure or wall.
- The following Risk Assessment numbers (inc) will apply for these works:
 - GEN – RA – 1001: Risk Assessment – Mini Piling/Restricted Access: 1-23
 - GEN – RA – 1008: Risk Assessment – Bored Piling: 1-4.
- Plant and material will be delivered on a 34t Hiab lorry.
- Reinforcement will be as per schedule (see design).
- Once all plant and equipment has been offloaded and the piling operatives have received site induction/task briefings the piling operation will begin.
-
- Working hours are 08.00am – 16.00pm

3.0 LABOUR

The following Labour will be utilised to carry out the above works:

Job Title	Minimum Training
Piling Foreman	SSTS, CSCS, CPCS
Piling Attendant	CSCS, CPCS
Pump Operator	CSCS, CPCS

4.0 TRAINING

All of our operatives will have all the relevant training for all activities and site specific of this contract, CSCS & CPCS Operators cards & certs for any relevant plant and tasks, these will be available for inspection at the site induction prior to works commencing.

5.0 PLANT & EQUIPMENT

The following plant will be used in connection with the above works:

Plant/ Equipment	Remarks
Comacchio minipiling rig	MC5D
300mm hollow stem augers	1 metre sections
340mm casing	1 metre sections
Grout Pump	Putzmeister P11
Petrol Disc Cutter	own

6.0 MATERIALS

The following materials will be used in connection with the above works:

Material	Remarks
Water	Water supplied by Main Contractor

Grout	25kg Bagged sand & cement

7.0 PROTECTION

As well as the controls detailed in the attached risk assessment, the following controls will be applied:

a) Site Induction:

All operatives will be inducted by the Main contractor/Client and advised of any site specific risks relating to the area of the proposed works.

b) Although RBL will take great care in every aspect of the works all protection of footpaths, roads is the responsibility of the main contractor.

c) PPE Requirements:

The following PPE will be worn as required:

PPE	Remarks
Safety Glasses	EN 166
Gloves	BS EN 388-EN 420
Safety Helmets	BS EN 397
Ear Defenders	BS EN 352
Safety Footwear	BS EN 345
Orange Hi – Visibility Clothing	EN 343 – EN 471

d) COSHH

Assessment sheets for all hazardous substances to be used will be available on site and COSHH briefings have been given and recorded to the relevant operatives.

e) EXISTING SERVICES

Location of and protection of all existing surfaces and services is to be carried out by others prior to commencement of our works. A permit to dig form will be completed prior to us commencing drilling.