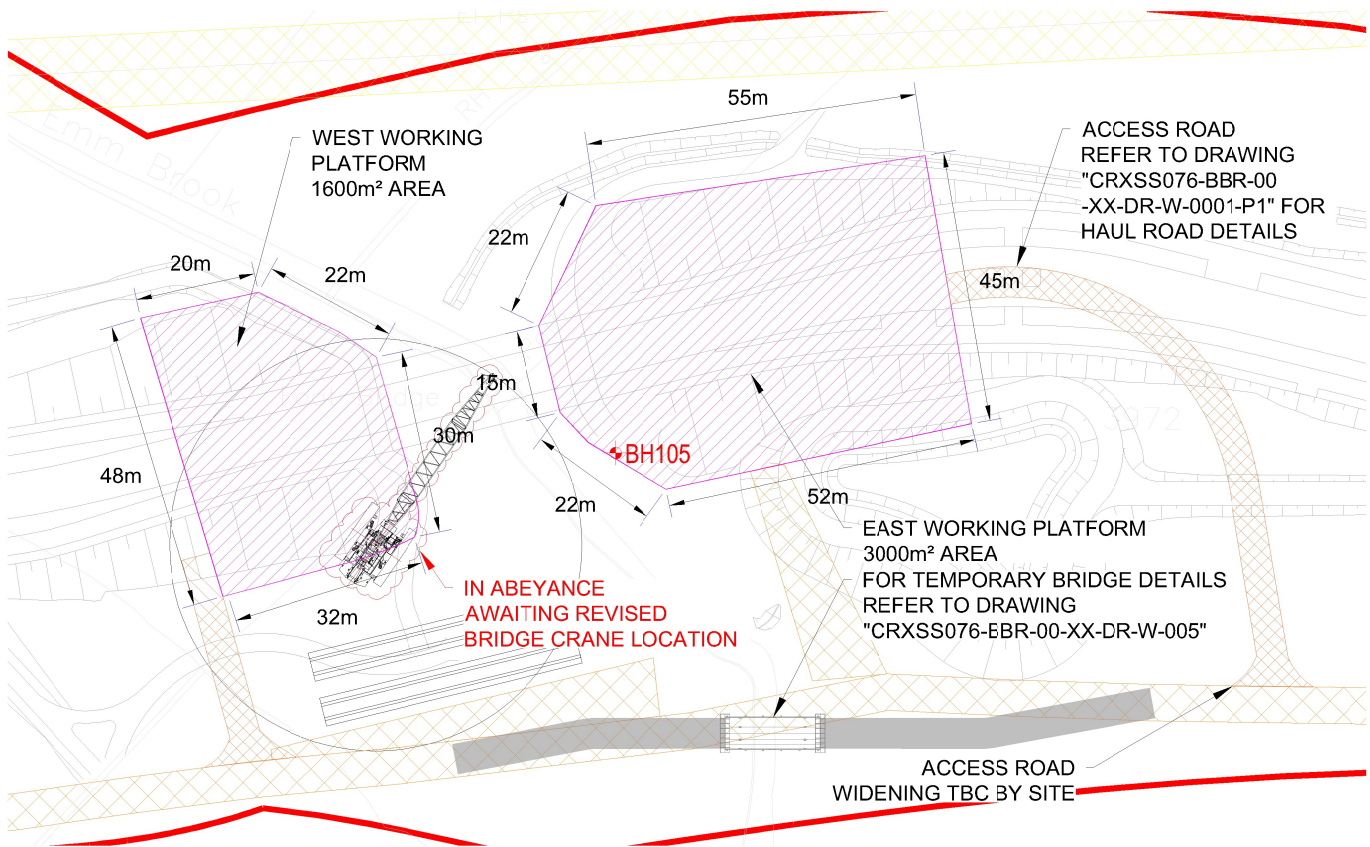


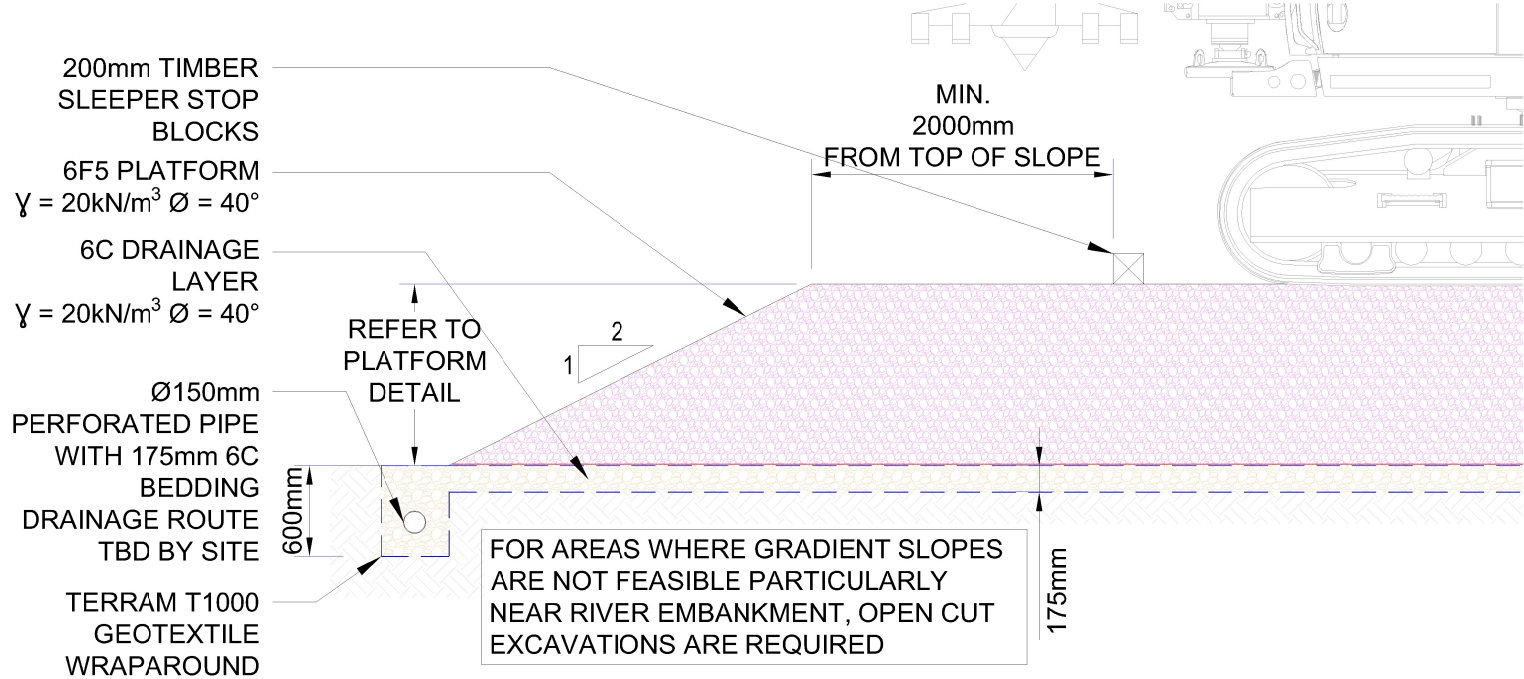


SITE PLAN

SCALE 1:1250

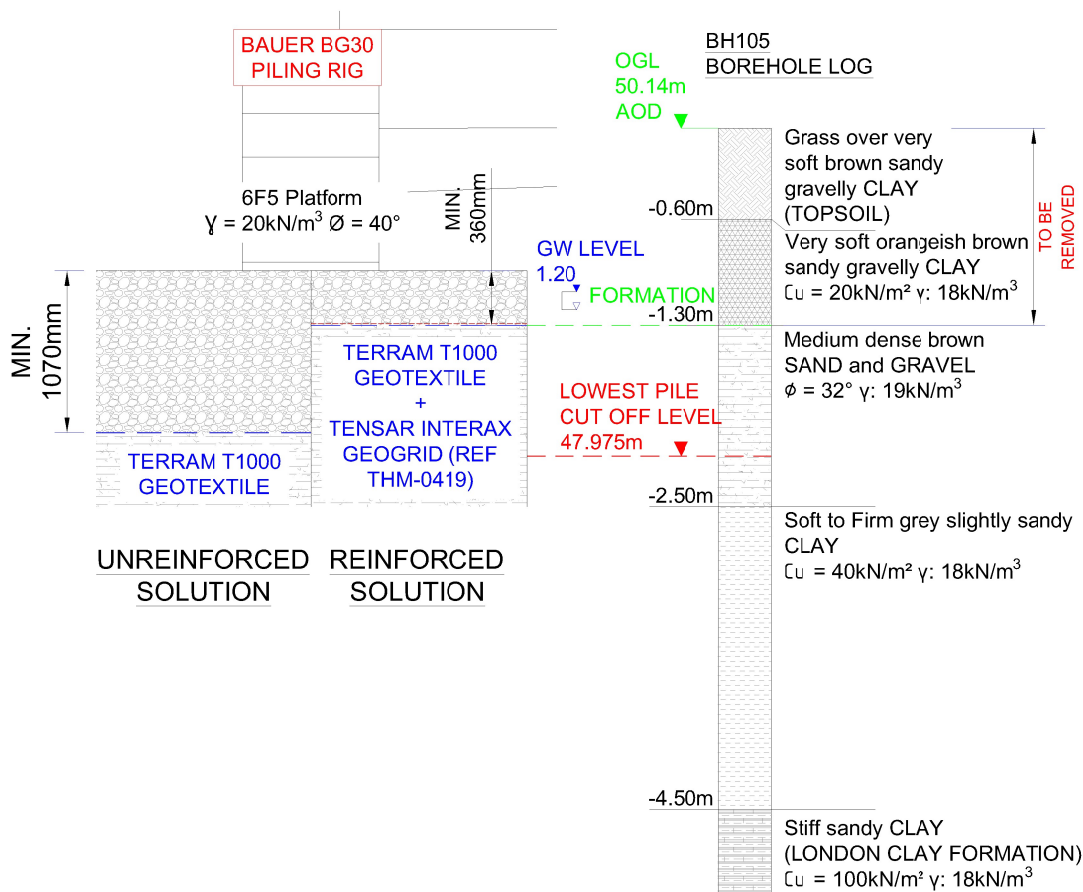
BAUER BG30 BRE PILING LOADS:

Operation Mode	Plant Manufacturer & Model	Plant Number	Track Pad Width (m)	Track Bearing Length (m)	Working Weight (tonnes)	Max Extraction Force (t)	Case 1 Loading Access Areas		Case 1 Loading Piling Areas		Case 2 Loading		Notes
							Max Rectangular Bearing Pressure (kN/m²)	Equivalent Track Bearing Length (m)	Max Rectangular Bearing Pressure (kN/m²)	Equivalent Track Bearing Length (m)	Max Rectangular Bearing Pressure (kN/m²)	Equivalent Track Bearing Length (m)	
LDP													
Bauer BG30		1102, 1126, 1129	0.90	4.60	121	28.5	195	3.96	251	3.35	353	2.79	Max handling weight 8T. Kelly BK280/419/4/64 wt 13150kg @ WR = 4.7m. Max tool weight 2.6T. Mast and sledge ext fitted



WORKING PLATFORM TYPICAL EDGE SECTION

SCALE 1:50



PLATFORM DETAIL

SCALE 1:40

PLATE BEARING TEST TO BE COMPLETED AT FINISHED PLATFORM LEVEL (2No TESTS TO WEST PLATFORM AND 4No TESTS TO EAST PLATFORM SPREAD EVENLY ACROSS AREAS):

- MAXIMUM GBP: 530kN/m² (1.5 F.O.S)
- TEST LOAD 150kN (600mm Ø PLATE) OR 84kN (450mm Ø PLATE)
- KENTLEDGE 15t (600mm Ø PLATE) OR 8.4t (450mm Ø PLATE) (1.0 F.O.S)
- MAXIMUM SETTLEMENT 20.5mm (600mm Ø PLATE) OR 16.3mm (450mm Ø PLATE)

PLATFORM CONSTRUCTION SEQUENCE:

- REMOVE TOPSOIL, PROOF-ROLL FORMATION LEVEL AND BACKFILL ANY ENCOUNTERED SOFT SPOTS
- LAY TERRAM T1000 GEOTEXTILE (AND TENSAR GEOGRID FOR REINFORCED SOLUTION) AT FORMATION LEVEL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- INSTALL STONE WORKING PLATFORM TO THE TOTAL DENOTED THICKNESS IN 150mm LAYERS COMPACTED IN ACCORDANCE WITH SfHW SERIES 600
- CARRY OUT PLATE BEARING TESTS TO NOTE ABOVE

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Health, Safety and Environmental Risks

RA Number | CRXSS080-BBR-00-XX-RA-W-TBC

Risk No | Risk

01 | Ground conditions not as per GI data

02 | Ground vibration/settlement

03 | Buried services and adjacent substructures

04 | Platform access, construction and maintenance

ZERO HARM
MAKE SAFETY PERSONAL

SUSTAINABILITY
a collective responsibility

Notes

- Dimensions in mm UNO
- Design assumes no underground services present within platform area. If services are uncovered during excavation, report back to TWD for further review.
- Emm Brook river nominal water level assumed to be 49.3m with maximum flood plain level to be 50.68m. **Drainage to be controlled by site**
- Site to confirm plant loadings prior to installation of stone platform
- All in-situ soil tests to be forwarded to TWD for review.
- Platform to be level with a maximum gradient of 1% for de-watering. Site to monitor water levels during proposed works
- This drawing is to be read in conjunction with the following drawings:
 - WMHP-TG-SRWG1-DR-SE-4111 P02 Pile Setting Out
 - WMHP-TG-SRWG1-DR-SE-4102 P03 General Arrangement

Plant & Equipment:

Bauer BG30 Piling Rig (TBC prior to installation of platform)

GI report: WMHP-TG-SRWG1-RP-GE-0601

Materials:

- Platform material: 6F5 (quarried)
- Drainage layer material: 6C (quarried)
- Geotextile/ Separator: Terram T1000, or similar
- Tensar InterAx Geogrid.

Document History

Revision	Description	Date	Des	Chk
P1	Preliminary	27/09/24	TA	Site

Designer

Balfour Beatty

"Driving Innovative Temporary Works Design and Engineering Excellence"

Client



WOKINGHAM
BOROUGH COUNCIL

Paper Size	Scale	Designer	Checker
A3	As Shown	TA	Site

Project

CRXSS080 South Wokingham Distributor Road

Drawing Title

Emm Brook
Working Platforms

Status

Preliminary - For Pricing Purposes

Client Drawing Number	Revision
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Drawing Number

CRXSS080-BBR-00-XX-DR-W-0006

P1

0mm Scale 1:1 40mm Scale 1:1 80mm