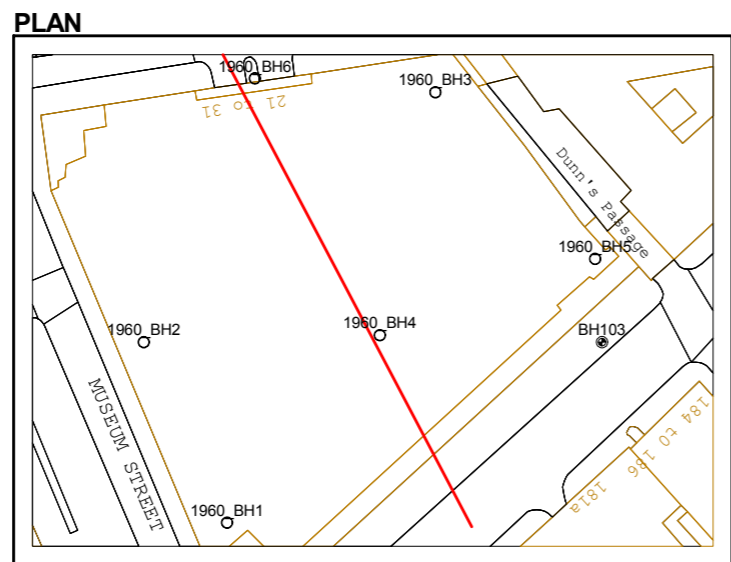
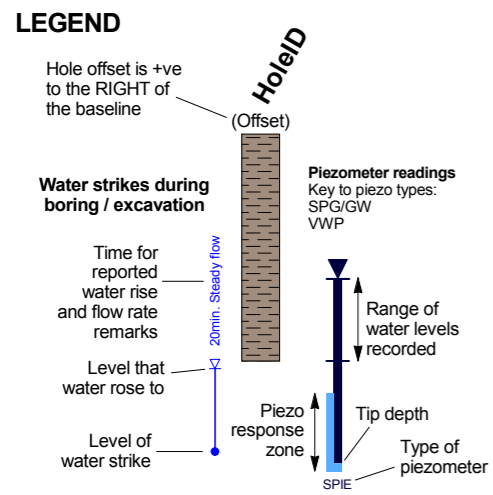


Source data status: off holes
 Database check status: Full check (A) = 0% Partial/selective check (B) = 0% Minimum check (C) = 0% Unchecked (U) = 100% of holes

SCALE 1:389V 1:222H @ A3L



- | | | |
|------------------------------|--------------------|------------|
| Topsoil [TOP] | Fill (MADE GROUND) | CONCRETE |
| Made Ground [MG] | Sandy GRAVEL | Sandy CLAY |
| River Terrace Deposits [RTD] | Silty Clay | CLAY |
| London Clay [LC] | Gravelly CLAY | Silty SAND |
| Lambeth Group [LMG] | Clayey GRAVEL | CHALK |
| Thanet Sand [THS] | | |
| Chalk [CHK] | | |

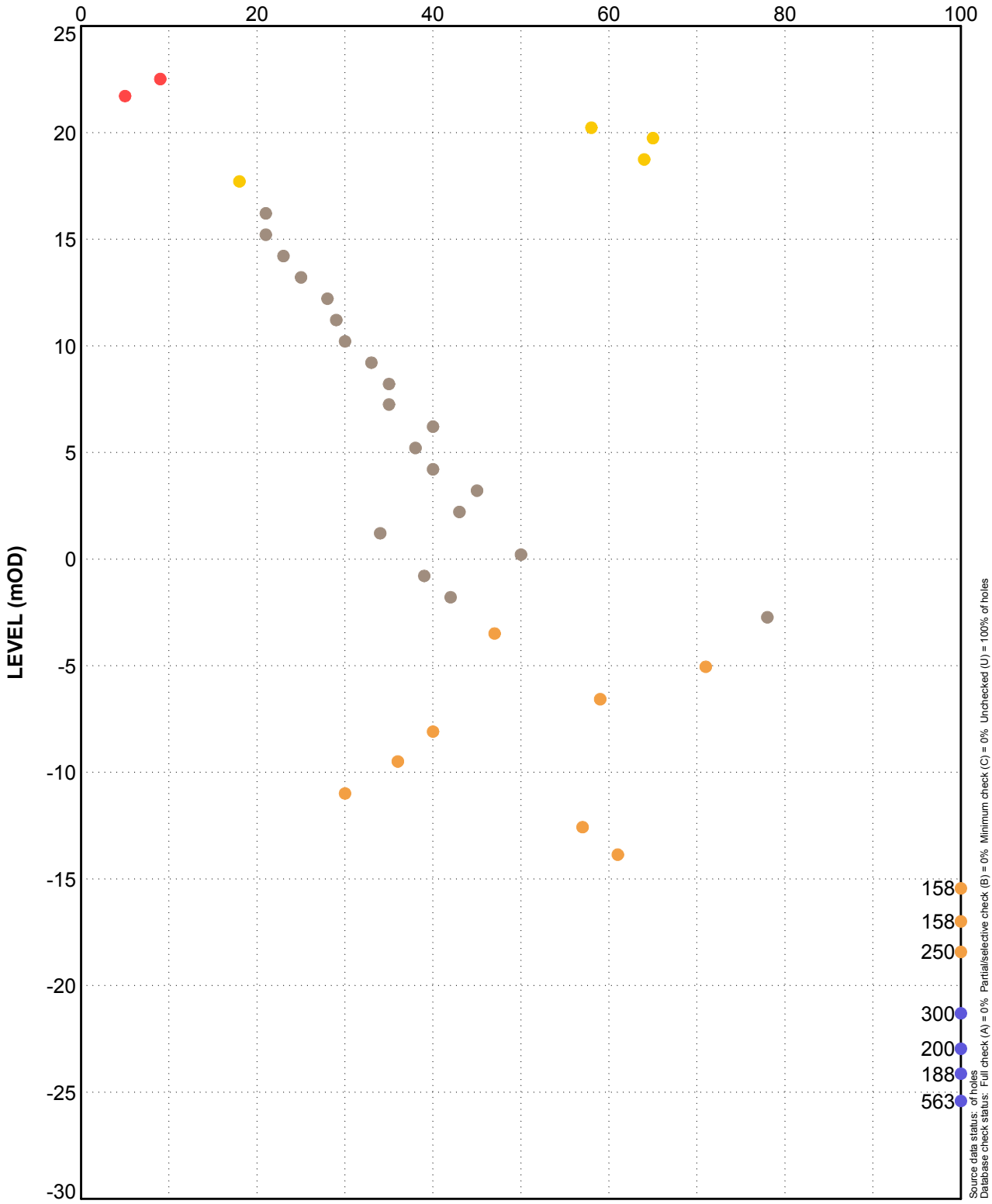
**THE POST BUILDING
 GEOLOGICAL CROSS SECTION
 WITH GROUNDWATER DATA
 N-S Cross Section**

230602

FIGURE 8

gINT v. 2.904. Licensed to One Air & Partners
 Project: \p\air\london\g_e\proj\230602\230602-00\50_design_analysis\5_gint\20131210_project\gint.gpi (Template: 3.0); Library: c:\gint\airup_uklib_3-0-002.gpi
 Script file: c:\gint\temp\gpi\4576.asc
 Fence: 2.201 SECTION WITH PIEZOS & WATER (A3) (rev 4Nov11)
 gINT output page 0 of 1. Made 11 Dec 13 12:04

SPT N VALUE (blows/300mm)



Source data status: of holes
 Database check status: Full check (A) = 0% Partial/selective check (B) = 0% Minimum check (C) = 0% Unchecked (U) = 100% of holes

- Topsoil
- River Terrace Deposits
- Lambeth Group
- Chalk
- BH103
- Made Ground
- London Clay
- Thanet Sand

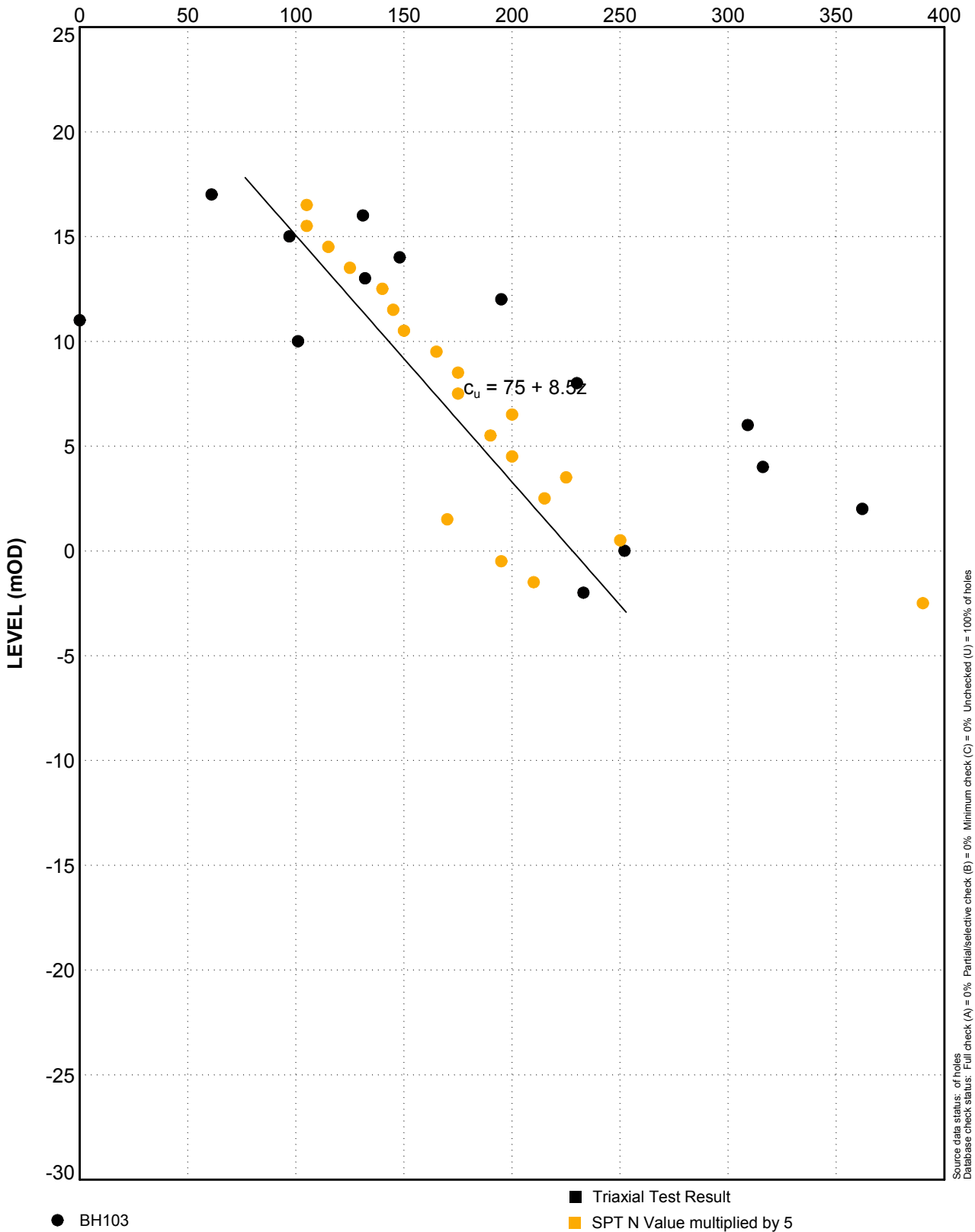
gINT v8.2.904 - Licenced to Ove Arup & Partners
 Project: \globall\ondong_ej\pchs230602\230602-00\50_design_analysis\5 gint\20131210_project\gint.gpj (Template : 3.0); Library : c:\gint\arup_uklib_3-0-002.glb
 Script: c:\gint\arup_uklib_3-0-002.glb
 Output: c:\gint\arup_uklib_3-0-002.glb
 gINT output page 1 of 1. Made 11Dec13 12:04

THE POST BUILDING
 STANDARD PENETRATION TESTS

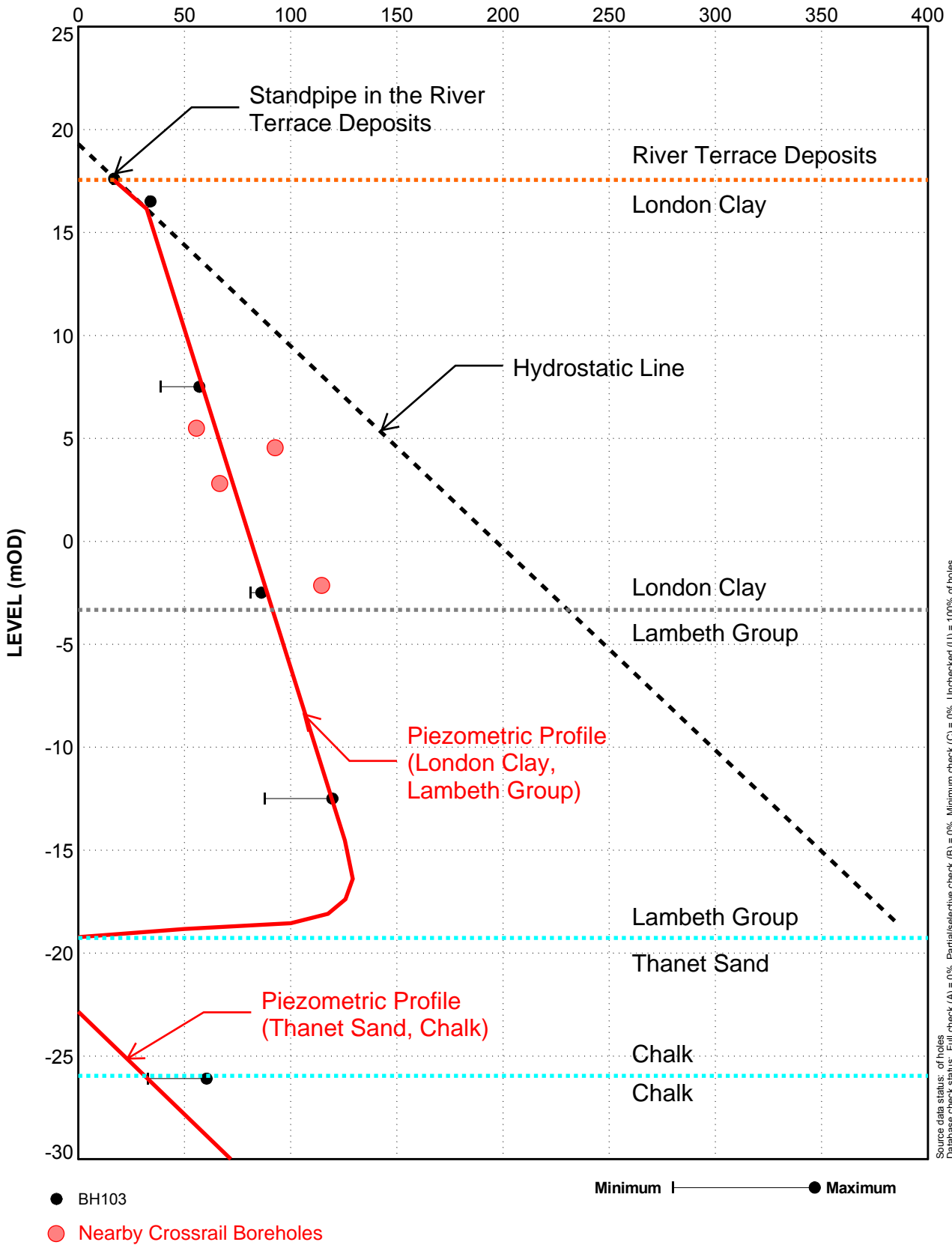
230602

FIGURE 9

UNDRAINED SHEAR STRENGTH (kPa)



PORE PRESSURE (kPa)



Source data status: of holes
 Database check status: Full check (A) = 0% Partialselective check (B) = 0% Minimum check (C) = 0% Unchecked (U) = 100% of holes

gINT v8.2.904 - Licenced to Ove Arup & Partners
 Project: \gint\allondon\gint\20131210_project\gint.gpi (Template: 3.0); Library: c:\gint\arup_uklib_3-0-002.glb
 Graph: 3.2.10.L PORE PRESSURE (MAX & MIN) (rev 9Feb11)
 gINT output page 1 of 1. Made 16Dec13 11:34

THE POST BUILDING
 PORE PRESSURES

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FIGURE 11



ARUP

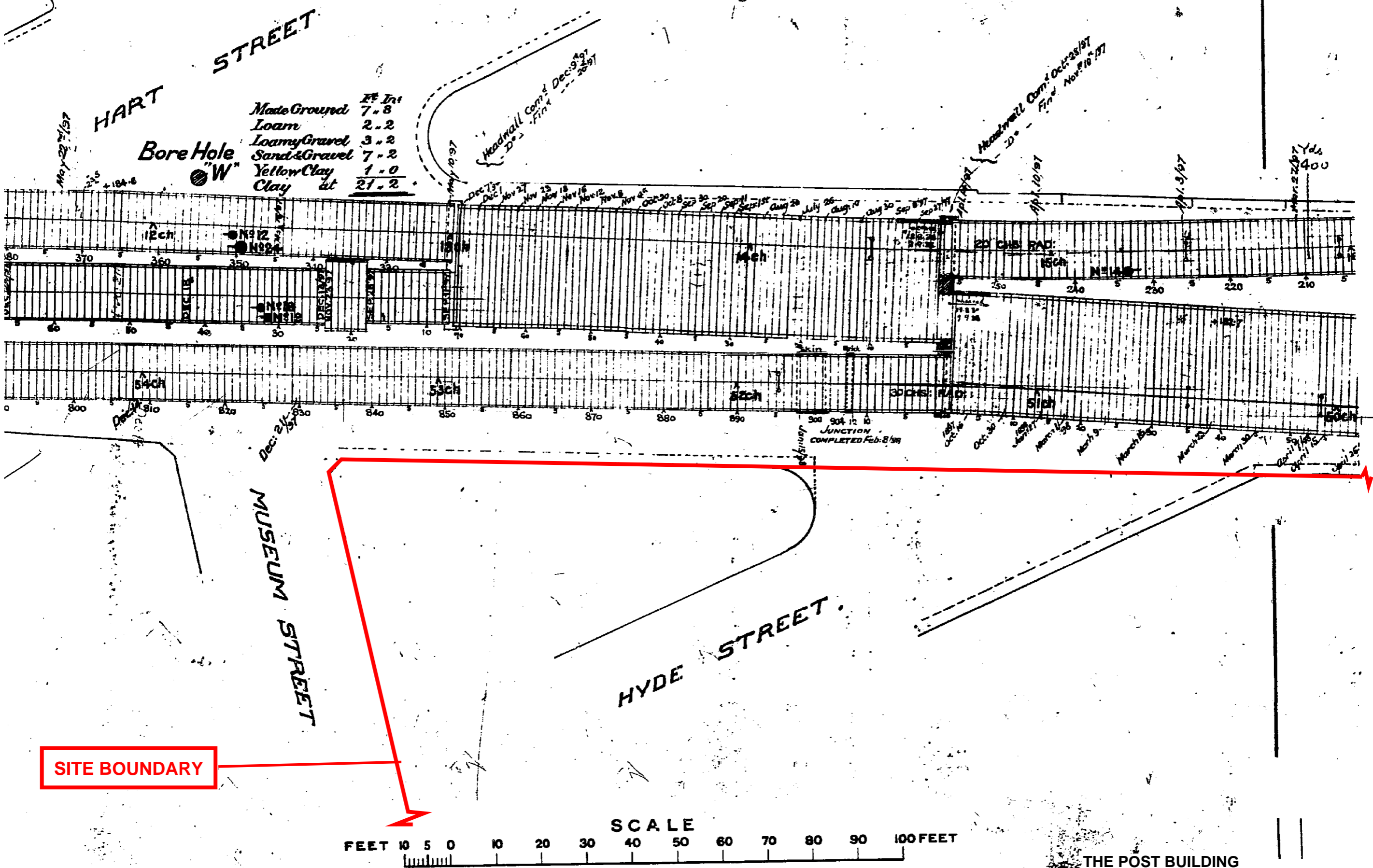
Note: The constraints marked on this drawing are, whilst located using the best available information, indicative only and should not be used for design purposes. Do not scale from this drawing.

- ELECTRICITY SUB-STATION**
- CENTRAL LINE**
- SUB-BASEMENT**
- GROUND FLOOR DETAIL**
- COLUMN LAYOUT**
- POST OFFICE RAILWAY**
- CROSSRAIL (APPROX. LAYOUT)**
- EXTENT OF BASEMENT**
- GROUND-BASEMENT RAMP**

**THE POST BUILDING
SITE CONSTRAINTS
SCALE 1:500**

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FIGURE 12



THE POST BUILDING
 Central Line Crossover and Running
 tunnels

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Uncontrolled Copy Confirm validity before use

Uncontrolled Copy Confirm validity before use

DISUSED BRITISH MUSEUM STATION - ARCHIVE DRAWING

NOT TO SCALE

CENTRAL LONDON RAILWAY

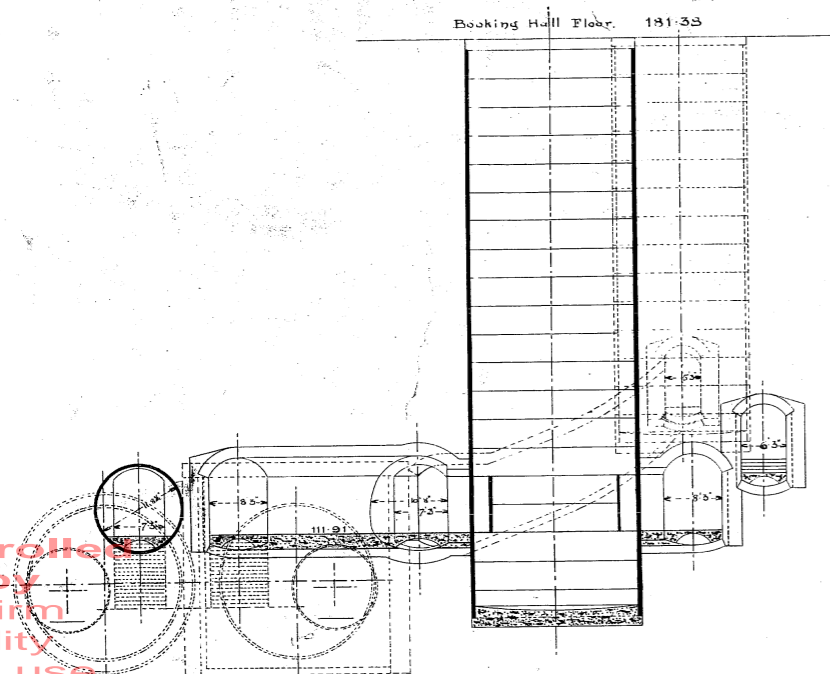
BRITISH MUSEUM STATION

NºE145.

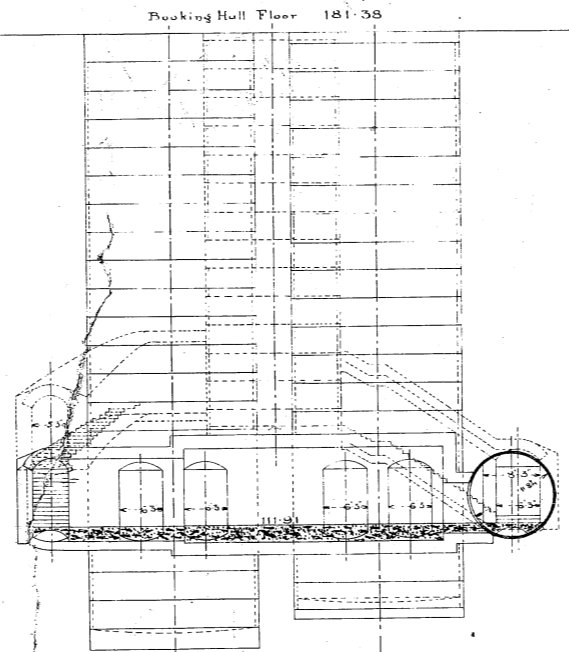
SCALE ONE INCH 10 FEET.

Booking Hall Floor 181-35

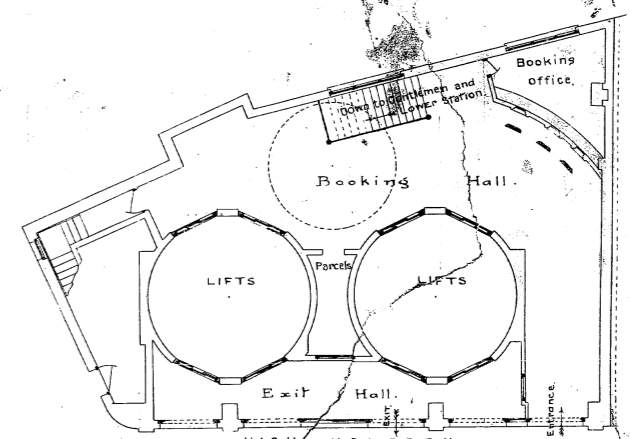
Booking Hall Floor 181-35



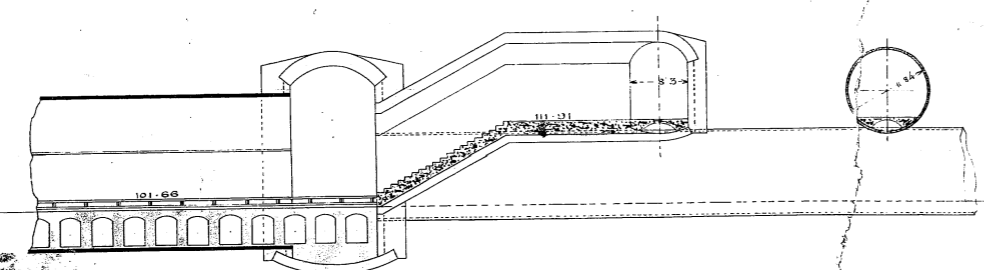
SECTION ON LINE A.A.



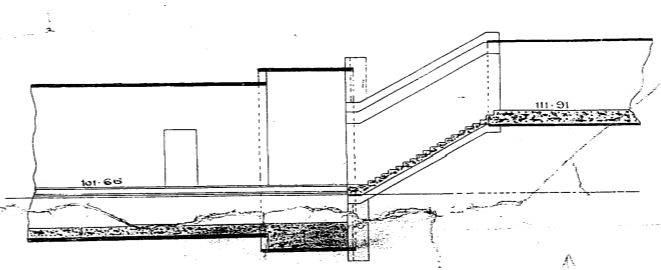
SECTION ON LINE B.B.



HIGH HOLBORN. SURFACE PLAN. See Architects Plans for Details.



SECTION ON LINE C.C.

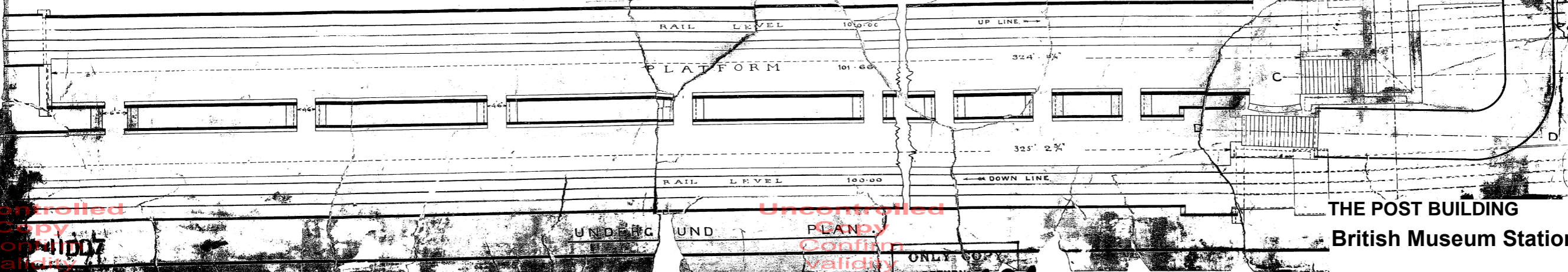
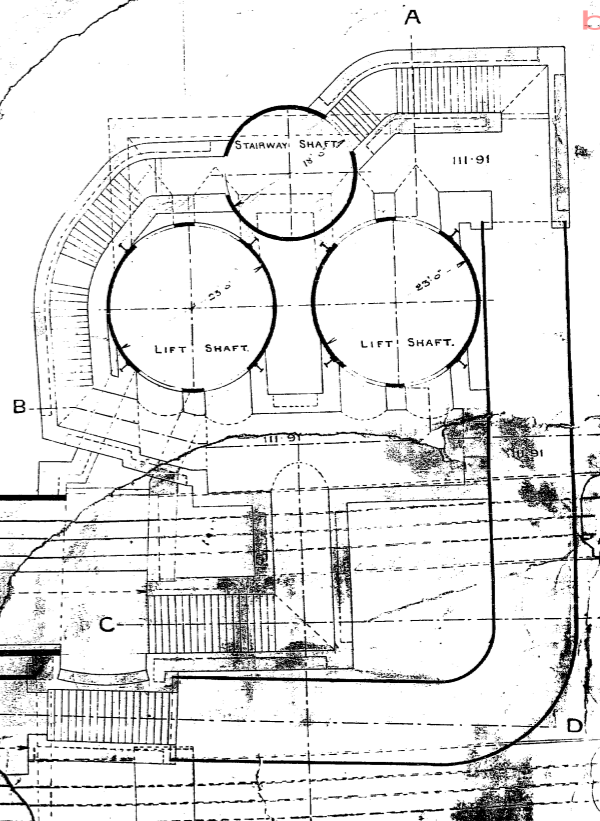


SECTION ON LINE D.D.

Dimensions of Brickwork do not include tile facing
Bull-nose Bricks to be used for all corners
Brindle Bricks colored Blue.

DATUM 50' below O.D.

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115, REGENT ROADWAY, S.W. 1



RAIL LEVEL 100.00

PLATFORM 101.65

RAIL LEVEL 100.00

UNDERG

UND

THE POST BUILDING
British Museum Station Layout

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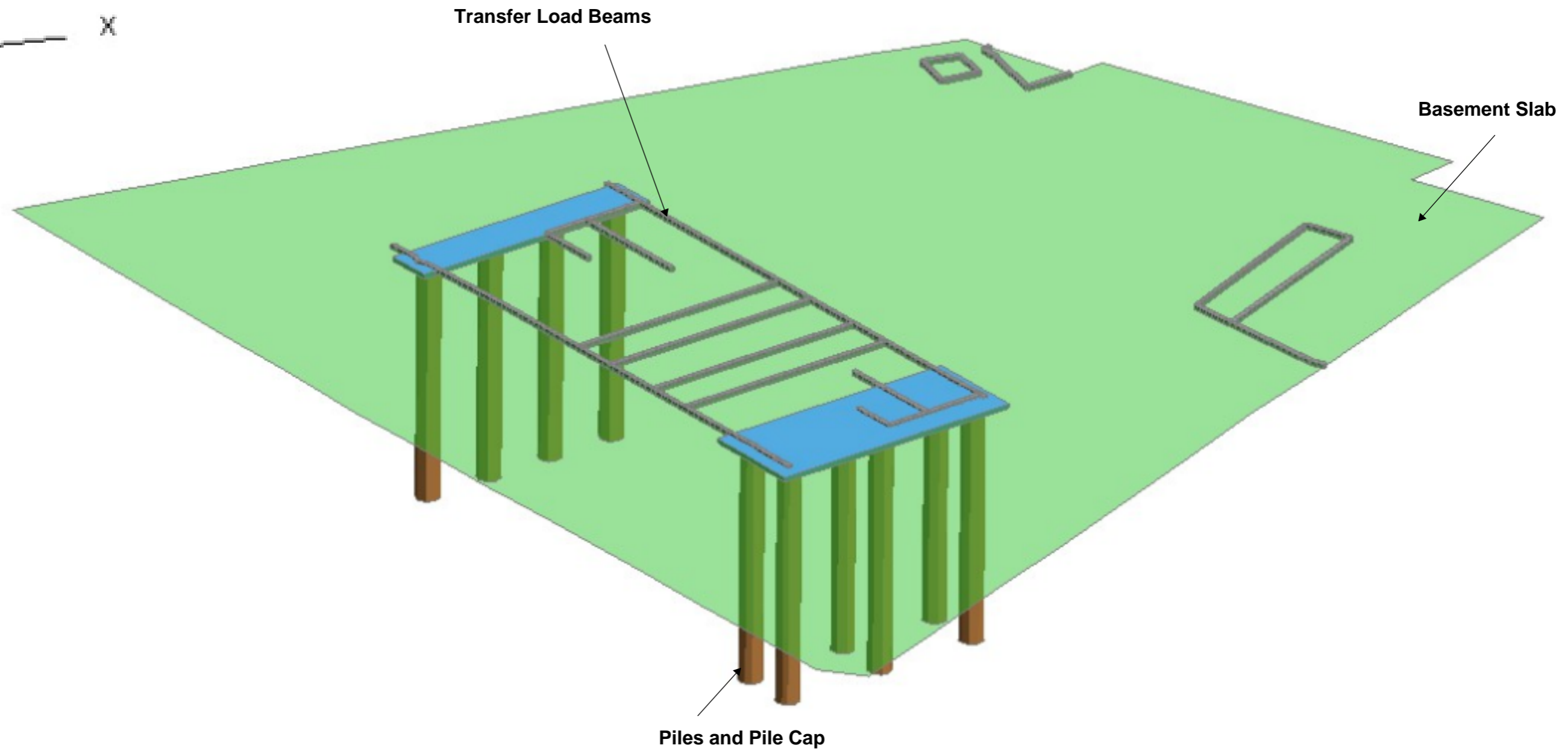
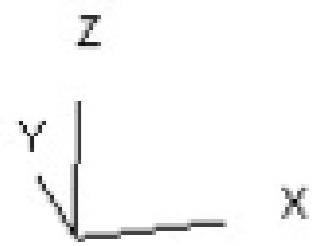
Uncontrolled Copy Confirm validity before use

ONLY COPY
PLAN ROOM 55 92 10 11

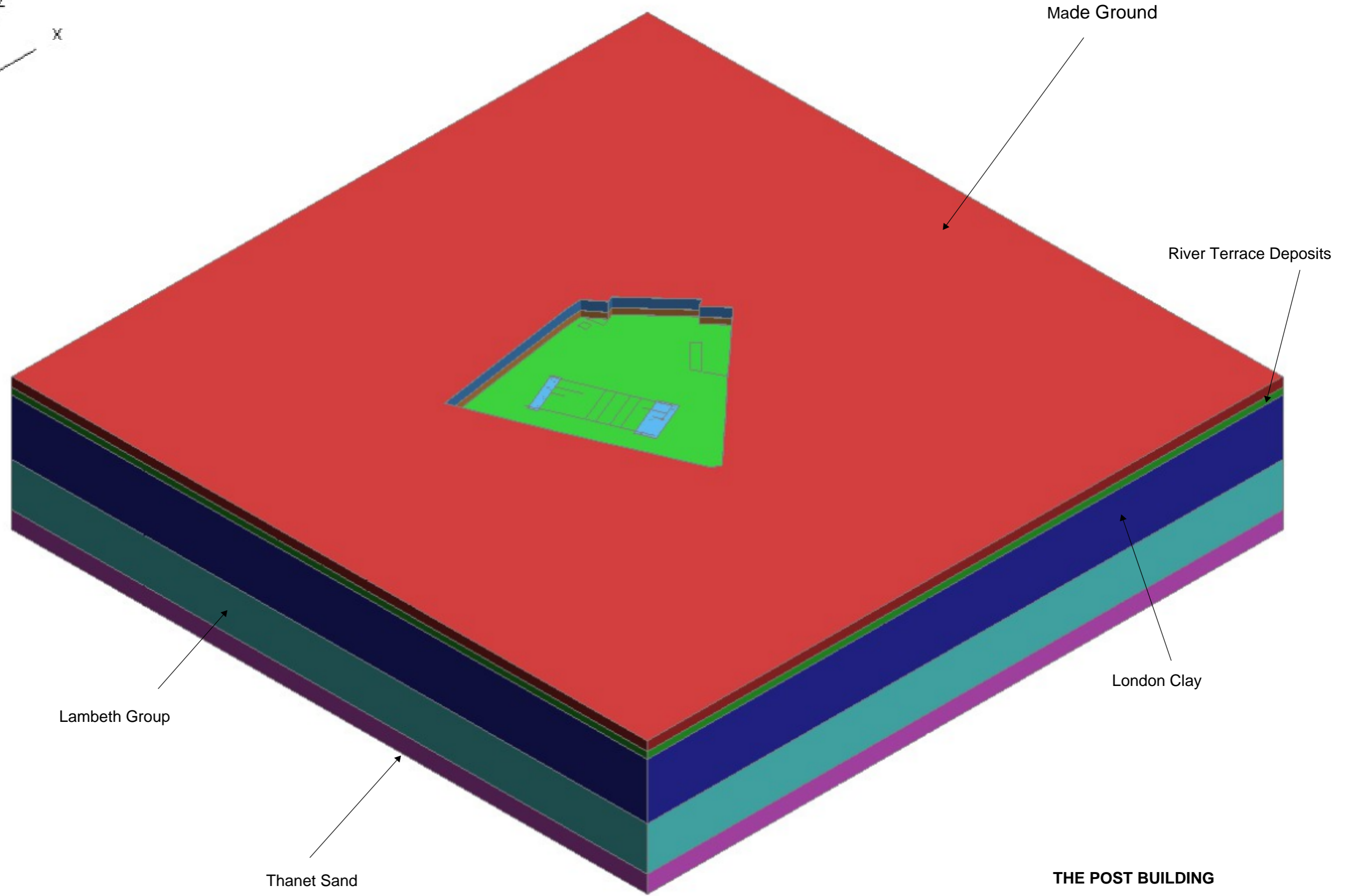
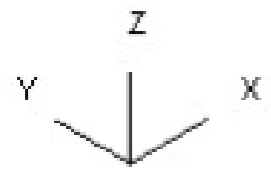
W/021

52/230602

FIGURE 14



THE POST BUILDING
Oasys LS-DYNA Structural
Elements
Not to Scale
230602 **Figure 15**



Lambeth Group

Thanet Sand

Made Ground

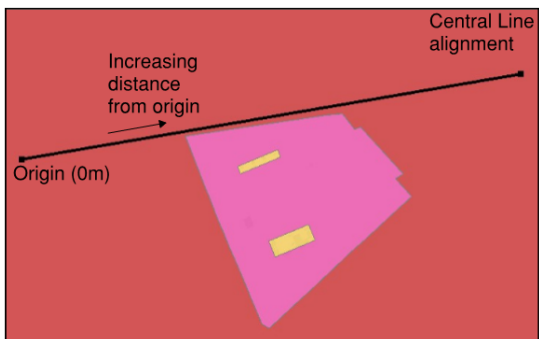
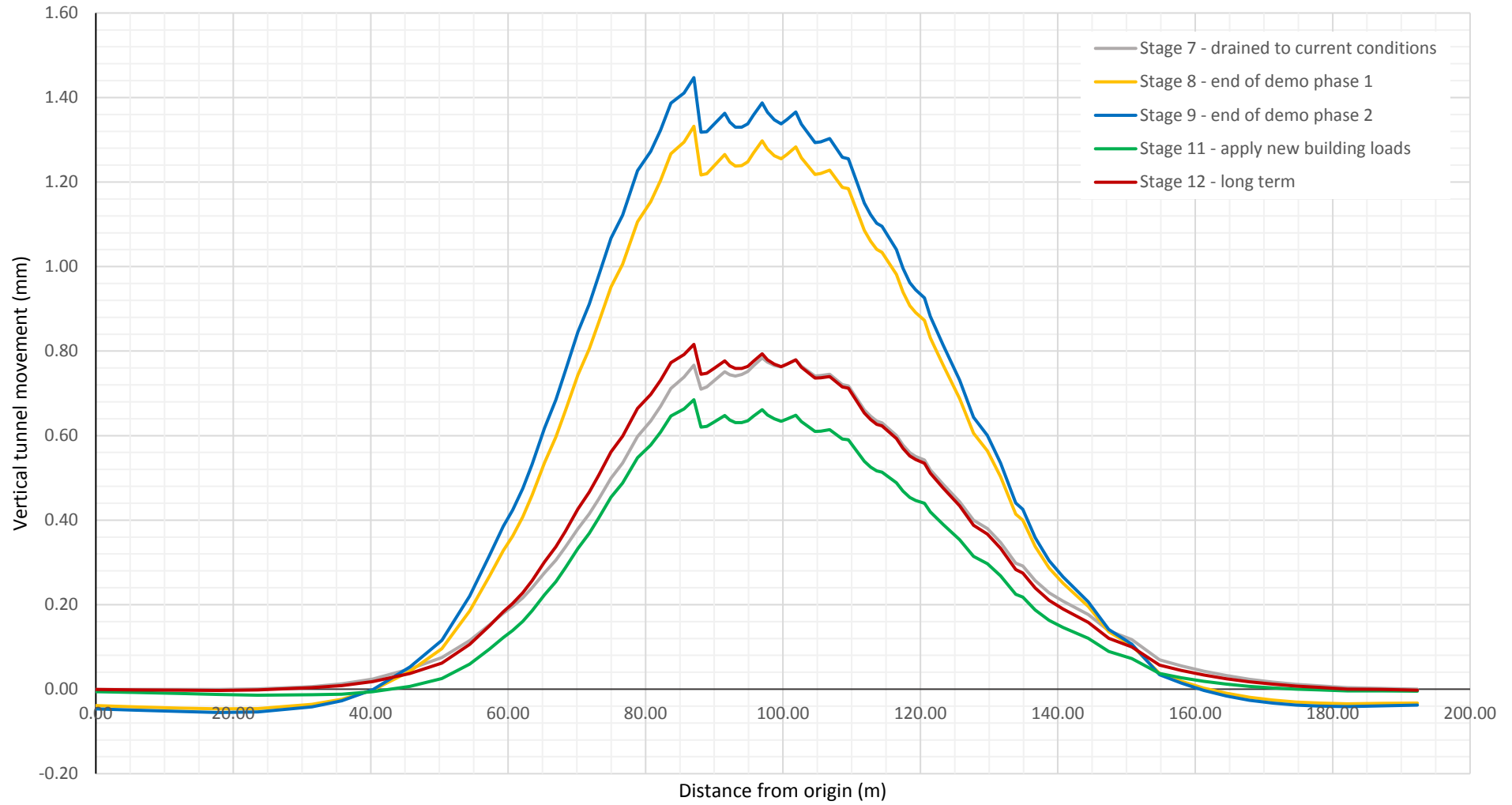
River Terrace Deposits

London Clay

THE POST BUILDING
Oasys LS-DYNA Geotechnical
Elements
Not to Scale

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Figure 16



Notes:
 Positive = Upwards displacement (heave)
 Negative = Downwards displacement (settlement)
 Cumulative displacement measured from tunnel construction (stage 3)

**THE POST BUILDING
 Longitudinal Vertical Displacement**

230602

Figure 17