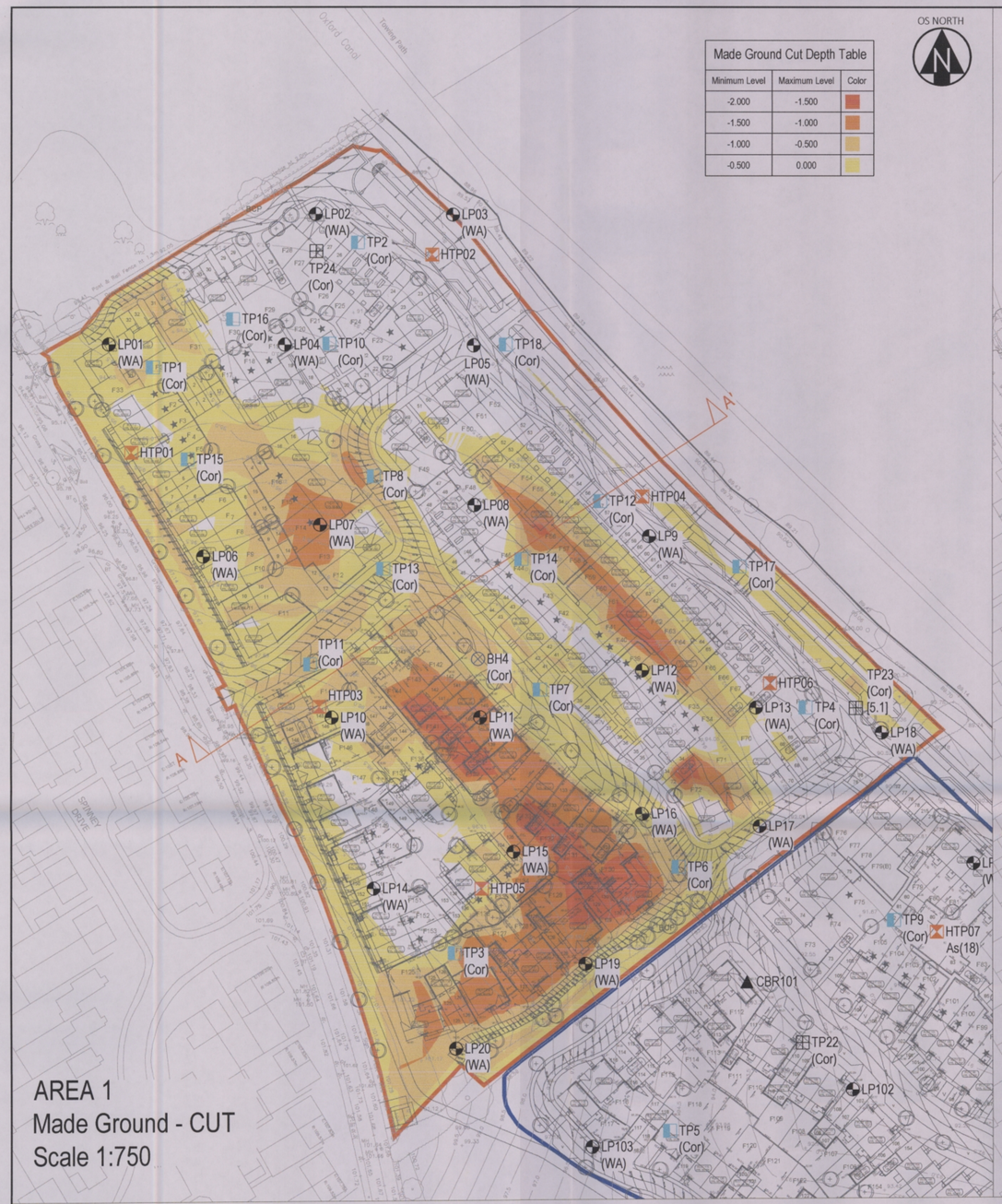
OS NORTH

Made Ground Cut Depth Table		
Minimum Level	Maximum Level	Color
-2.000	-1.500	
-1.500	-1.000	
-1.000	-0.500	
-0.500	0.000	



AREA 1
Made Ground - CUT
Scale 1:750

OS NORTH

Natural Ground Cut General Fill Depth Table		
Minimum Level	Maximum Level	Color
-2.500	-2.000	
-2.000	-1.500	
-1.500	-1.000	
-1.000	-0.500	
-0.500	0.000	
0.000	0.500	
0.500	1.000	
1.000	1.500	
1.500	2.000	
2.000	2.500	

AREA 1
Natural Ground - CUT
General - FILL
Scale 1:750

KEY

- Area 1 Boundary
- Area 2 Boundary
- Trial Pit - Hydrock April 2013
- Trial Pit - Hydrock 2012
- Historical Well - November 2011 & May 2012 (Wardell Armstrong)
- Historical Trial Pit - May 2012 (Wardell Armstrong)
- Historical Trial Pit - March 2006 (Corsair)
- Historical Trial Pit - October 2005 (Corsair)
- Historical Trial Pit - May 2007
- Historical Hand Sample - June 2007
- Historical Trial Pit - Dec 2011 (Wardell Armstrong)
- Historical Borehole - April 2006 (Corsair)
- Cable Percussion Borehole - May 2012 (CC Ground Investigations)
- CBR Test
- Water Sample
- As(21) Arsenic (mg/kg)
- [5.1] Pbet (%)
- Existing ground profile
- Top Soil profile
- FFL - Finish Floor Level
  ref drawings:
  LON-HYD-PH4-XX-M2-C-0001 - Highway Alignment
  LON-HYD-PH4-XX-M2-C-0020 - Architects Layout
  LON-HYD-PH4-XX-M2-C-0002 - Engineering Layout - TW
- FL - Formation Level (FFL-750mm)
- Made Ground profile
- Top soil strip
- Made ground
- Natural ground (Clay, Sand, Silt)
- Made Ground CUT
- Natural ground CUT
- General FILL

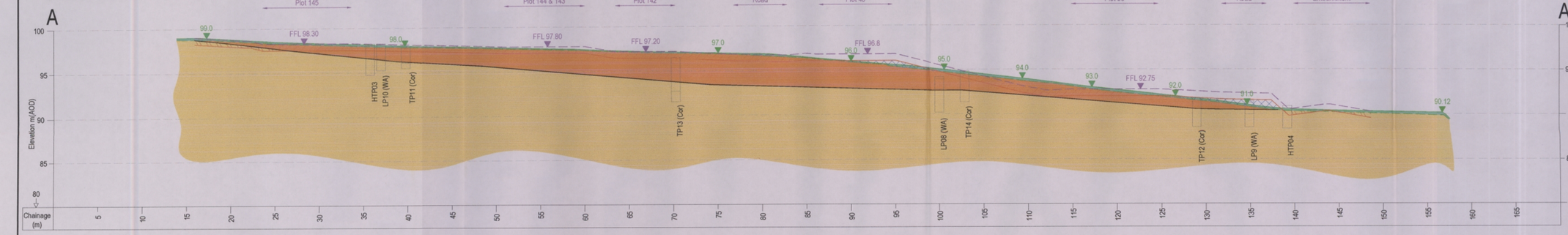
BULK EARTHWORKS

SITE TOPSOIL STRIP - Site Topsoil Strip depths based on the site investigations and varies between 0.08m - 0.4m

TOPSOIL STRIP VOLUME	AREA 1 (m^3) = 5700 AREA 2 (m^3) = 9100 Total (m^3) = 14800
MADE GROUND CUT VOLUME (m^3) =	11055
NATURAL GROUND CUT VOLUME	Area1: CUT (m^3) = 1820 Area2: CUT (m^3) = 12400 Total (m^3) = 14220
GENERAL FILL VOLUME	Area1: FILL (m^3) = 6500 Area2: FILL (m^3) = 9900 Total (m^3) = 16400

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. This drawing is to be read in conjunction with all other relevant drawings, details and specifications.
3. This drawing has been based on the following drawings and information:
   - Topographical Survey: Greenhatch ground drawing ref: 10477A_OGL, rev 2
   - Proposed Layout: Hydrock drawing:
     LON-HYD-PH4-XX-M2-C-0001 - Highway Alignment
     LON-HYD-PH4-XX-M2-C-0020 - Architects Layout
     LON-HYD-PH4-XX-M2-C-0002 - Engineering Layout - TW
4. The contractor shall take all necessary safety precautions in line with current legislation when working in/near confined spaces, deep excavations and utilities.
5. All levels and dimensions shall be verified on site prior to the commencement of any works. and discrepancies shall immediately be brought to the attention of the engineer.
6. The cut and fill quantities have been calculated using Civil 3D. this programme is a design tool which establishes bulk earthworks volumes and indicates approximate depths of cut and fill across the site. It shall not be used to construct or set formation levels and / or finished levels.
7. Prior to the sub-soil modeling exercise, the following existing strip has been model base on investigation information:
   - Hydrock - 2012 & 2013
   - Wardell Armstrong November 2011, December 2011, May 2012,
   - Corsair - March 2006, April 206, October 2005
   - CC Ground Investigations - May 2012
8. No bulking factor has been taken into account in the cut and fill exercise.
9. No allowance has been made for arisings resulting from excavations to install drainage and construct foundations.
10. It is to be used to assist the contractor in their own assessment of the earthworks.

Section A-A'
Scale 1:250



REV.	REVISION NOTES/COMMENTS	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
P1	DRAFT ISSUE	IB	20/1/17	RH	21/11/17	RH	22/11/17

Hydrock
Over Court Barns
Over Lane
Almondsbury, Bristol BS32 4DF
TEL: 01454 619 533
FAX: 01454 614 125
E-Mail: bristol@hydrock.com
or visit www.hydrock.com

CLIENT: Taylor Wimpey

PROJECT: LONGFORD PARK, BANKSIDE, BANBURY - PH4

TITLE: CUT AND FILL ASSESMENT - AREA 1

HYDROCK PROJECT NO.	SCALE @ A1
C12702	AS SHOWN

PURPOSE OF ISSUE	STATUS
SUITABLE FOR INFORMATION	S2

DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
LON-HYD-XX-GI-M2-G-1007	P1

18|00160|DISC