



LEGEND	
<span style="color: green;">█</span>	TOPSOIL PLACEMENT (200mm where reused)
<span style="color: orange;">█</span>	FILL MATERIAL (Min 600mm cover over marlstone rock volumes)
<span style="color: blue;">█</span>	CUT MATERIAL
<span style="color: lightblue;">█</span>	MARLSTONE ROCK (Placed in leap & sports pitch A)
<span style="color: grey;">█</span>	EXISTING GROUND
<span style="color: black;">█</span>	TOPSOIL STRIP

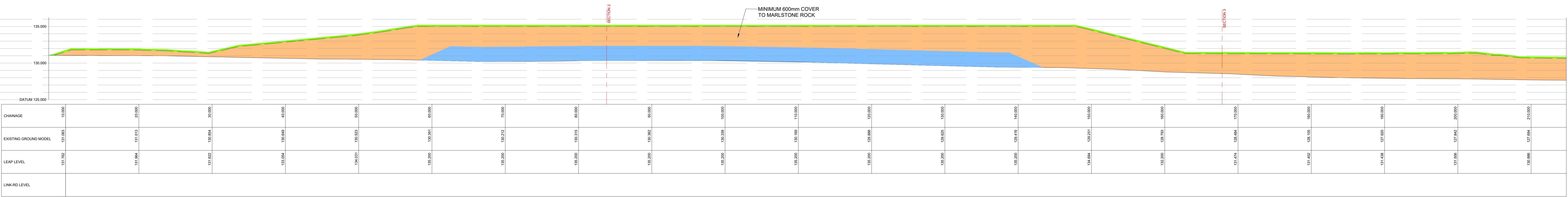
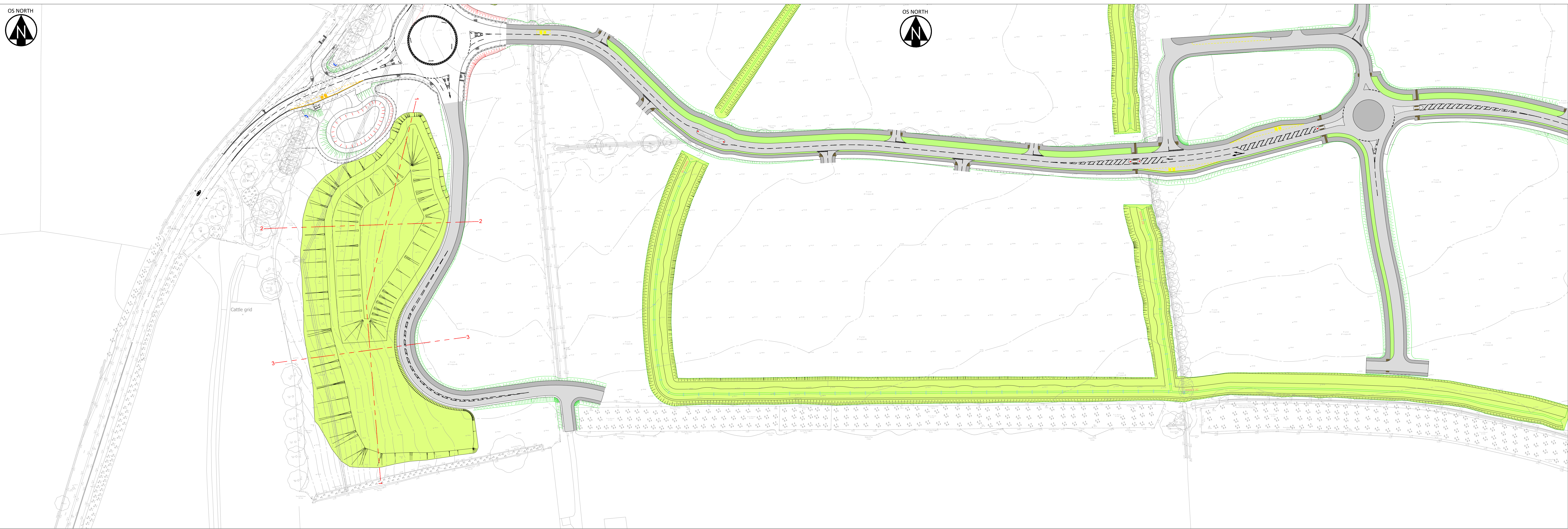
**NOTES**

**LEAP**

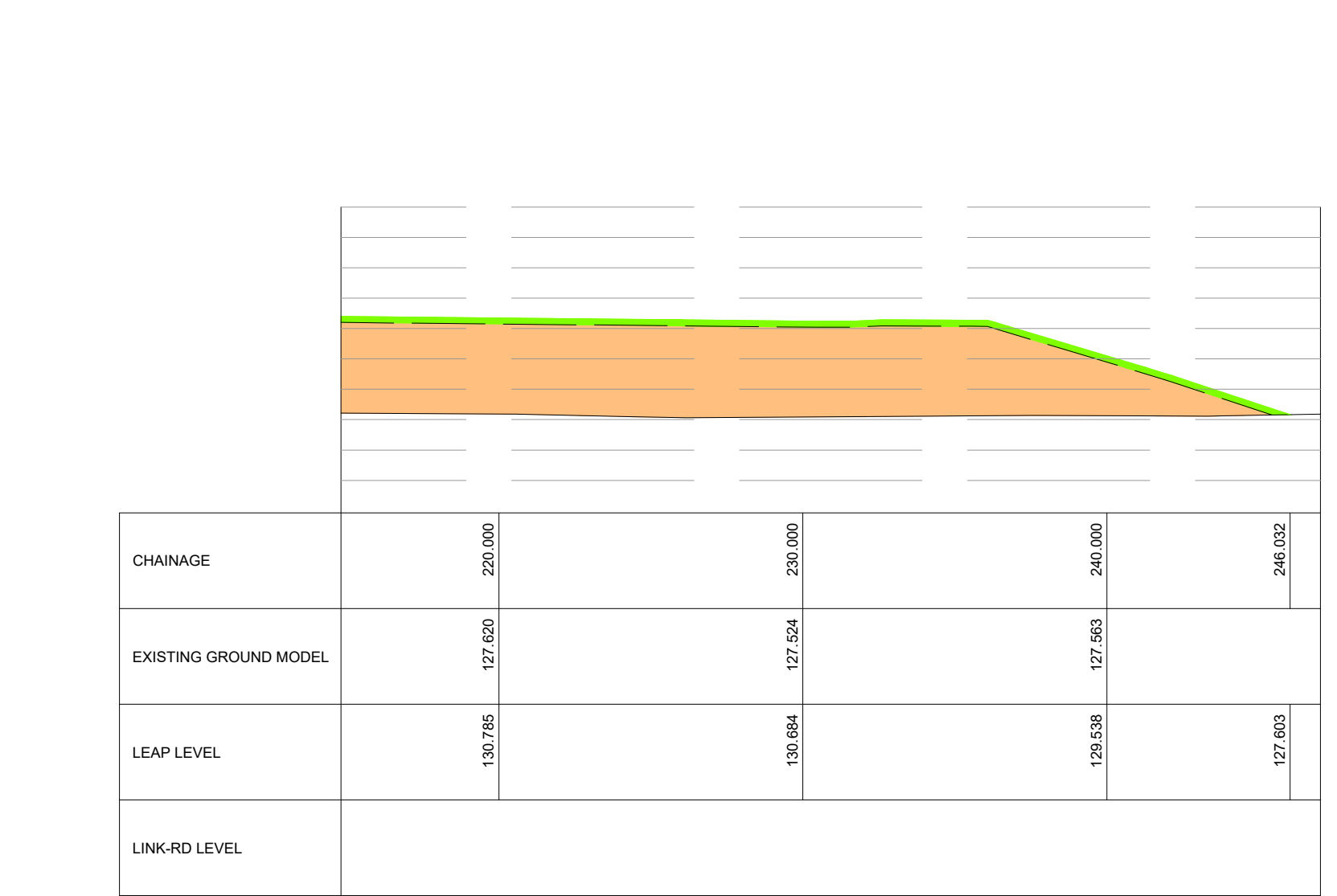
Total fill available = 51084m<sup>3</sup>  
 Fill volume consists of: 2388m<sup>3</sup> Topsoil, 3870m<sup>3</sup> Marlstone Rock deposits, 44826m<sup>3</sup> Suitable Material

Topsoil reuse volume = 2388m<sup>3</sup> assuming 0.2m thickness

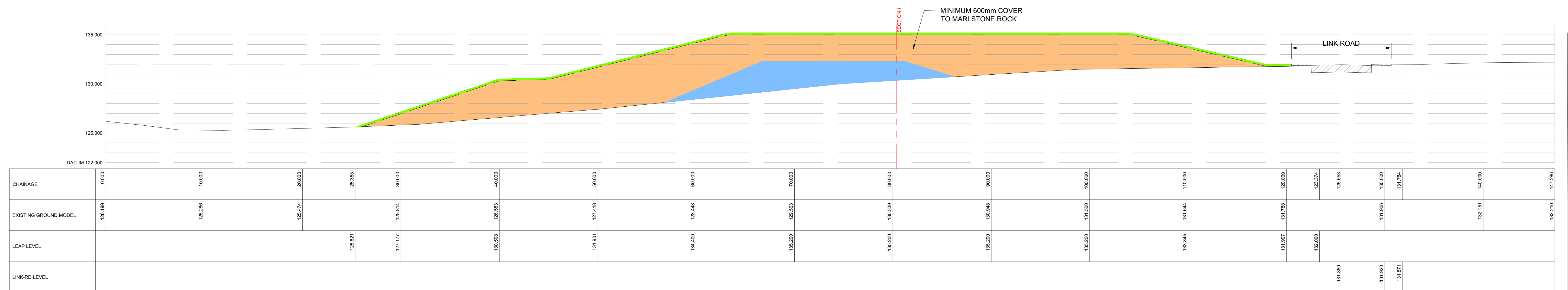
For Sports Pitch A sections refer to drawing: WPF-HYD-XX-XX-DR-C-0210  
 For Sports Pitch B sections refer to drawing: WPF-HYD-XX-XX-DR-C-0211  
 For site wide Cut & Fill Analysis refer to drawing: WPF-HYD-XX-XX-DR-C-2400



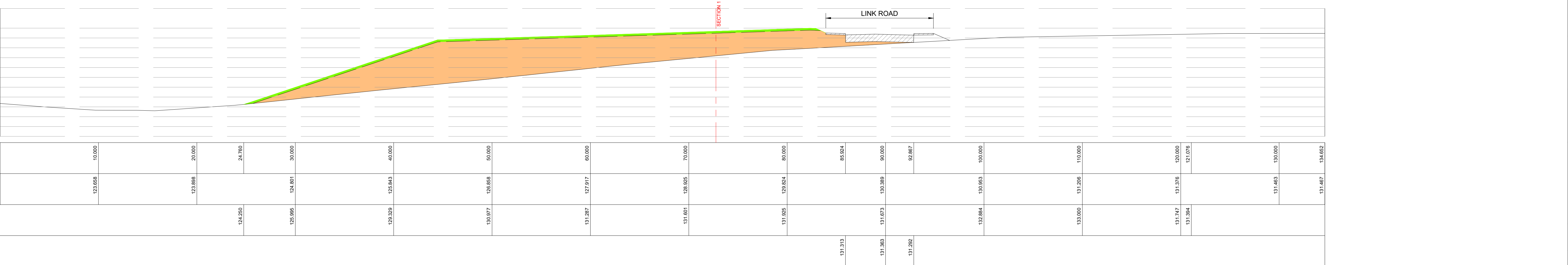
**SOUTHERN GATEWAY LANDSCAPE MOUND CROSS SECTION 1**  
SCALE 1:200



**SOUTHERN GATEWAY LANDSCAPE MOUND CROSS SECTION 1 Cont..**  
SCALE 1:200



**SOUTHERN GATEWAY LANDSCAPE MOUND CROSS SECTION 2**  
SCALE 1:200



**SOUTHERN GATEWAY LANDSCAPE MOUND CROSS SECTION 3**  
SCALE 1:200

**NOTES**

REV	DATE	DESCRIPTION	BY	CHK	APP
P6	19/10/20	Updated section references to Southern Gateway Landscape Mound	SM	SM	BS
P5	14/09/20	Swale profiles updated	SM	SM	BS
P4	15/01/19	Adjusted link road alignment	SM	SM	BS





LEGEND	
<span style="color: green;">█</span>	TOPSOIL PLACEMENT (200mm where reused)
<span style="color: orange;">█</span>	FILL MATERIAL (Min 600mm cover over marlstone rock volumes)
<span style="color: red;">█</span>	CUT MATERIAL
<span style="color: blue;">█</span>	MARLSTONE ROCK (Placed in leap & sports pitch A)
<span style="color: grey;">█</span>	EXISTING GROUND
<span style="color: lightgrey;">█</span>	TOPSOIL STRIP

NOTES

REVISIONS

Rev	Date	Description	By	Clk	App
P5	19/10/20	Updated cross section references to Southern Gateway Landscape Mound	SM	SM	BS
P4	14/09/20	Swale profiles updated	SM	SM	BS
P3	15/01/19	Adjusted link road alignment	SM	SM	BS
P2	04/07/19	Amended LEAP shape and updated sections	SM	SM	BS
P01	02/07/18	First issue	MF	SM	SM

OVER COURT BARN  
 OVER LAINE  
 ALMONDSBURY  
 WICK  
 GLOS  
 GL53 8JF  
 T: +44 (0) 1454 625533  
 E: bristol@hydrock.com

CLIENT  
L & Q ESTATES

PROJECT  
WYKHAM PARK FARM  
BANBURY

TITLE  
CUT AND FILL ANALYSIS  
SOUTHERN GATEWAY  
LANDSCAPE SECTIONS 2

HYDROCK PROJECT NO.  
C-04841-C

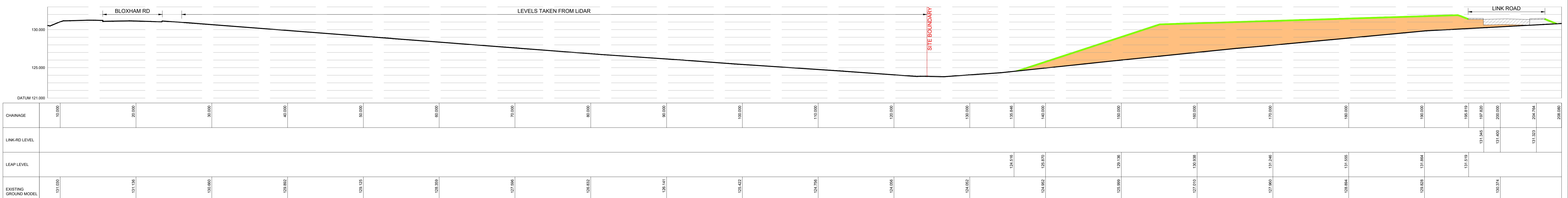
SCALE @ A0  
1:1000

STATUS DESCRIPTION  
INFORMATION

STATUS  
S2

DRAWING NO. / PROJECT CODE (ORIGINATOR\_ZONE+LEVEL+TYPE+SCALE+NUMBER)  
WPF-HYD-XX-XX-DR-C-0213

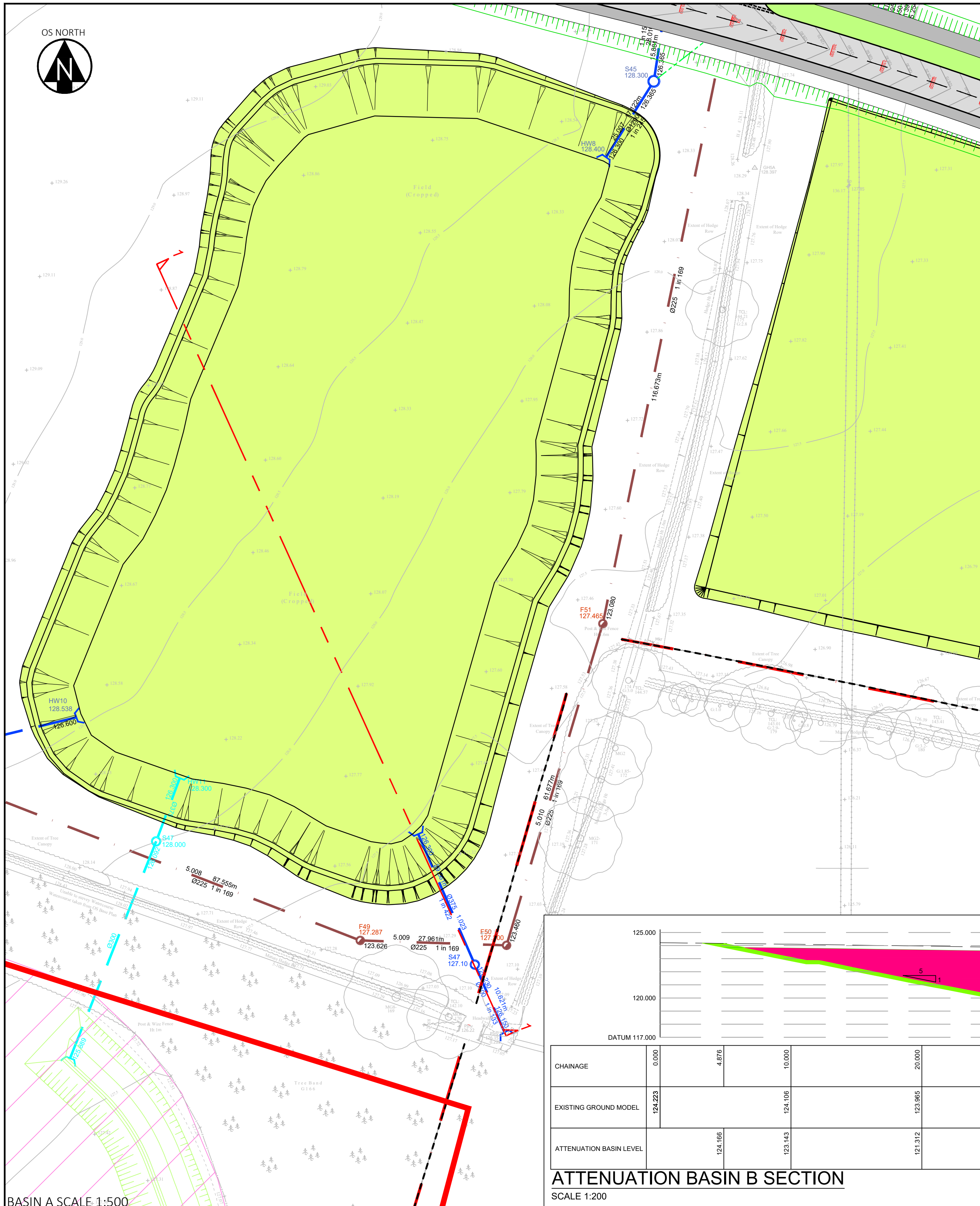
REVISION  
P05



SOUTHERN GATEWAY LANDSCAPE MOUND CROSS SECTION 1  
SCALE 1:200

CHAINAGE	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000
LINK-ROD LEVEL															
LEAP LEVEL															
EXISTING GROUND MODEL	131.000	131.136	130.980	130.824	130.668	130.512	130.356	130.200	130.044	129.888	129.732	129.576	129.420	129.264	129.108

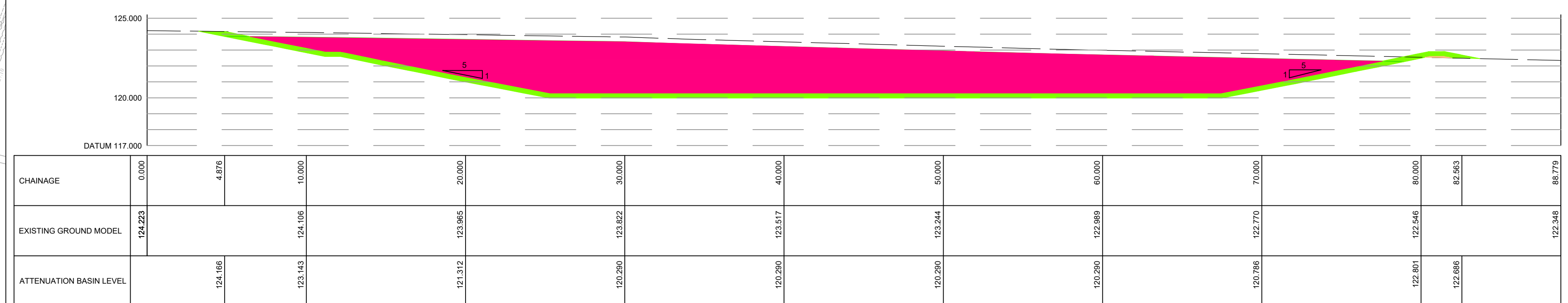




BASIN A SCALE 1:500

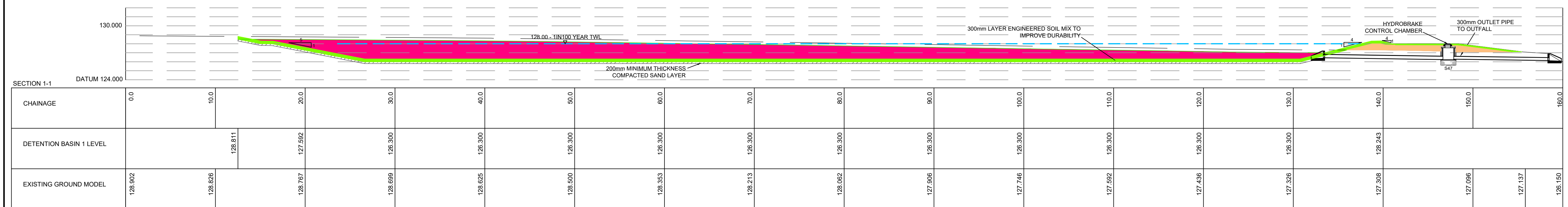


BASIN B SCALE 1:500



ATTENUATION BASIN B SECTION  
SCALE 1:200

CHAINAGE	0.000	4.876	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	88.779
EXISTING GROUND MODEL	124.223		124.108	123.985	123.852	123.717	123.584	123.451	123.318	123.185	123.052
ATTENUATION BASIN LEVEL		124.108	123.143	121.312	120.290	120.290	120.290	120.290	120.286	122.770	122.546



ATTENUATION BASIN A SECTION  
SCALE 1:250

CHAINAGE	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	
DETENTION BASIN 1 LEVEL		128.811	127.592	126.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300	125.300
EXISTING GROUND MODEL	128.902	128.826	128.767	128.699	128.625	128.500	128.353	128.213	128.062	127.906	127.746	127.592	127.436	127.326	127.308	127.096	127.137	126.150

**LEGEND**

- TOPSOIL PLACEMENT (200mm where reused)
- FILL MATERIAL (Min 600mm cover over marlstone rock volumes)
- CUT MATERIAL
- MARLSTONE ROCK (Placed in leap & sports pitch A)
- EXISTING GROUND
- TOPSOIL STRIP

**NOTES**

**ATTENUATION BASINS**

Volumes produced: Basin A Suitable = 16943m<sup>3</sup>  
Topsoil = 4067m<sup>3</sup>

Basin B Suitable = 3291m<sup>3</sup>  
Topsoil = 855m<sup>3</sup>

For Sports Pitch A sections refer to drawing: WPF-HYD-XX-XX-DR-C-0210  
For Sports Pitch B sections refer to drawing: WPF-HYD-XX-XX-DR-C-0211

For site wide Cut & Fill Analysis refer to drawing: WPF-HYD-XX-XX-DR-C-2400

P2	UPDATED BASIN PROFILES	MF	14.09.20	SM	14.09.20	DB	14.09.20
P1	FIRST ISSUE	MF	03.08.17	SM	03.08.17	DB	03.08.17

**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  
GALLAGHER ESTATES

PROJECT  
WYKHAM PARK FARM, BANBURY

TITLE  
PROPOSED DETENTION BASIN  
CROSS SECTIONS

HYDROCK PROJECT NO.  
C-04841-C

SCALE @ A1  
1:500

PURPOSE OF ISSUE  
SUITABLE FOR INFORMATION

STATUS  
S2

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)  
WPF-HYD-XX-XX-DR-C-0214

REVISION  
P2





STORAGE AREA SECTIONS - DWG  
WPF-HYD-XX-XX-DR-C-0209

SOUTHERN GATEWAY LANDSCAPING SECTIONS -  
DWG WPF-HYD-XX-XX-DR-C-0212/0213

BASIN SECTIONS - DWG  
WPF-HYD-XX-XX-DR-C-0214

SPORTS PITCH A SECTIONS - DWG  
WPF-HYD-XX-XX-DR-C-0210

SPORTS PITCH B SECTIONS - DWG  
WPF-HYD-XX-XX-DR-C-0211

BASIN SECTIONS - DWG  
WPF-HYD-XX-XX-DR-C-0214

KEY PLAN

NOTES (CONTINUED)

REVISIONS (CONTINUED)

REVISIONS

REVISIONS



CLIENT  
**L & Q ESTATES**

HYDROCK PROJECT NO.  
**C-04841-C**

PROJECT  
**WYKHAM PARK FARM**

TITLE  
**CUT AND FILL ANALYSIS - CROSS SECTION LOCATION PLAN**

SCALE @ A0  
**1:1250**

STATUS DESCRIPTION  
**INFORMATION**

DRAWING NO. (PROJECT CODE ORIGINATOR ZONE LEVEL TYPE ROLE NUMBER)  
**WPF-HYD-XX-XX-DR-C-0215**

STATUS  
**S2**

REVISION  
**P04**

Rev	Date	Description	By	Chd	App
P04	19/10/20	Updated reference to Southern Gateway Landscaping	MF	SM	BS
P03	15/09/20	Updated swale profiles	MF	MF	SM
P02	15/04/20	Added storage area 1e sections	MF	MF	SM
P01	25/11/19	First Issue	MF	MF	SM