

G2S North

Southam Embankments and
Southam cutting volumes

Phase1 from Ch 125+600-126+350 (Fill volumes)

Excavated material from Southam cutting will be placed as a embankments fill



Phase2 from Ch 125+150-125+600

Phase 1



Overview of Southam Embankment Ch 124+500 – 125+200

- Southam EMB



Southam Cutting Volumes

Description	OGL (m3)	-600 (m3)	Chainage
Excavation up to formation	465671	418711 TS- 23480m3 and USS- 23480m3	124+200 – 126+350 TS stripping finished
Excavating replace	16000	-	125+700 – 126+350
Prepared subgrade 400mm	6500	-	124+200 – 126+350
Protection layer 220mm	5000	-	124+200 – 126+350
Left embankments fill	26000	35000	
Right Embankments Fill	11000	16000	

Southam Embankment Volumes

Description	From OGL (m3)	From -600 (m3)	Chainage
Excavation to formation	15000	8000 TS-3500m3 USS-3500m3	124+500 – 125+250 TS stripping finished
Upper EMB fill	20851	-	124+500 – 125+250
Prepared subgrade	3502	-	124+500 – 125+250
Left EMB fill (GFL)	156804	177501	124+500 – 125+250
Right EMB fill (GFL)	100054	115175	124+500 – 125+250
USS re-soiling left EMB	15000	-	124+500 – 125+250
USS re-soiling right EMB	11000	-	124+500 – 125+250
TSS re-soiling left EMB	7200	-	124+500 – 125+250
TSS re-soiling right EMB	5300	-	124+500 – 125+250

P-X volumes in Southam embankment stockpiles

- P-X Outputs to discuss



Legend

- CFA16/15
- HS2 Limits of Deviation (LOD)
- HS2 Limits of Land to be Acquired or Used (LLAU)

Survey data is absent or not available for all potential soil layers in these locations. Soil characteristics and ALC grade have been interpolated from neighbouring points and available geological and soil databases. Soil conditions will be confirmed and recorded on site during soil stripping by the supervising competent person.

Agricultural Land Classification Grade - Topsoil Survey Points :

- Grade 2 - Very Good
- Grade 3A - Good
- Grade 3B - Moderate
- N/A

Agricultural Land Classification Grade :

- Grade 2 - Very Good
- Grade 3b - Moderate

Scale at A3: 1:4,000

Legend

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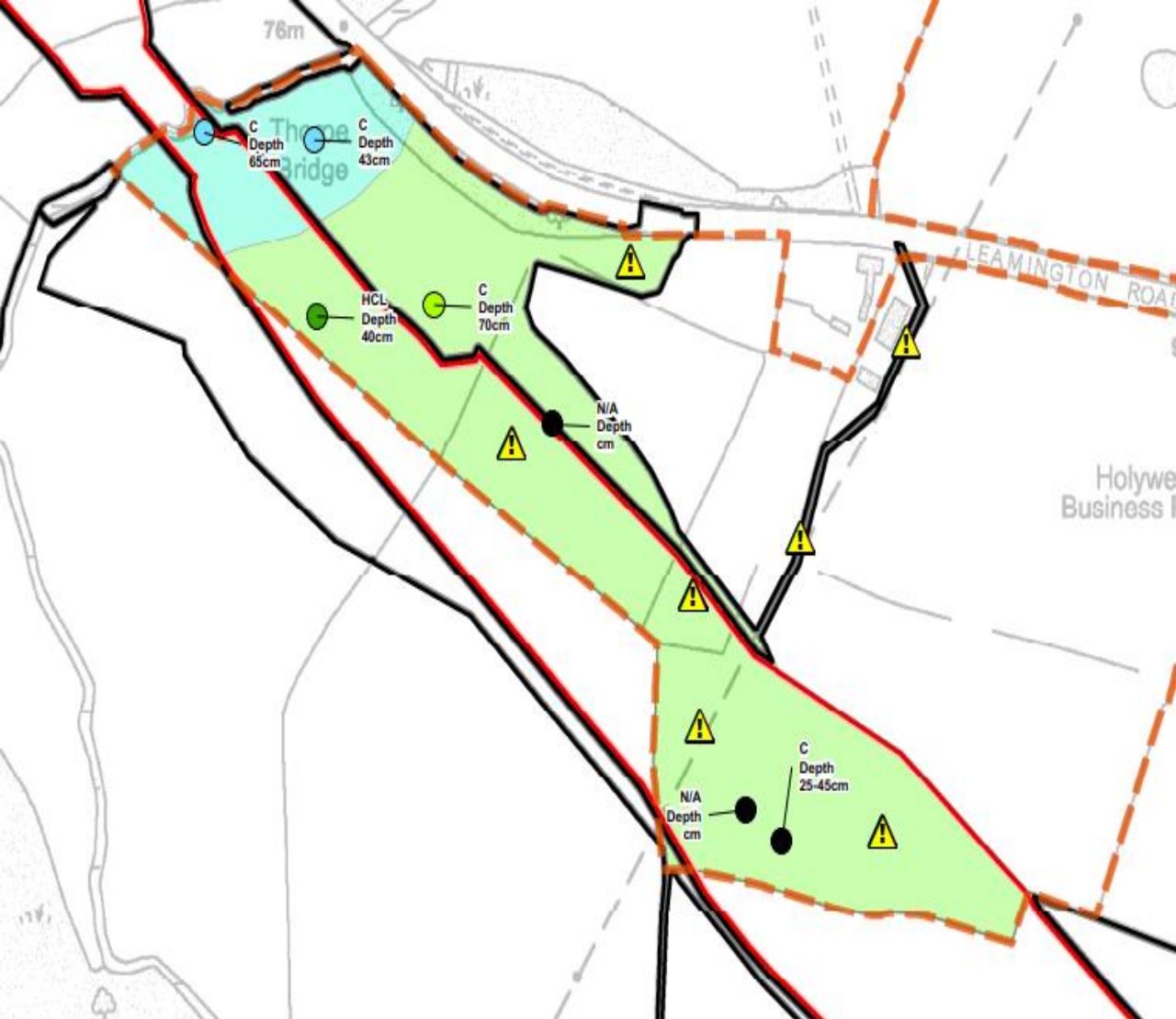
Soil Handling Unit - Topsoil Survey Points :

- Medium
- N/A

Soil Handling Unit - Topsoil :

- B - Medium

Scale at A3: 1:4,000



Legend

- CFA16/15
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Agricultural Land Classification Grade - Upper Subsoil Survey Points :

- Grade 2 - Very Good
- Grade 3A - Good
- Grade 3B - Moderate
- N/A

Agricultural Land Classification Grade :

- Grade 2 - Very Good
- Grade 3b - Moderate

Scale at A3: 1:4,000

Legend

- CFA16/15
- HS2 Limits of Deviation (LOD)
- HS2 Limits of Land to be Acquired or Used (LLAU)

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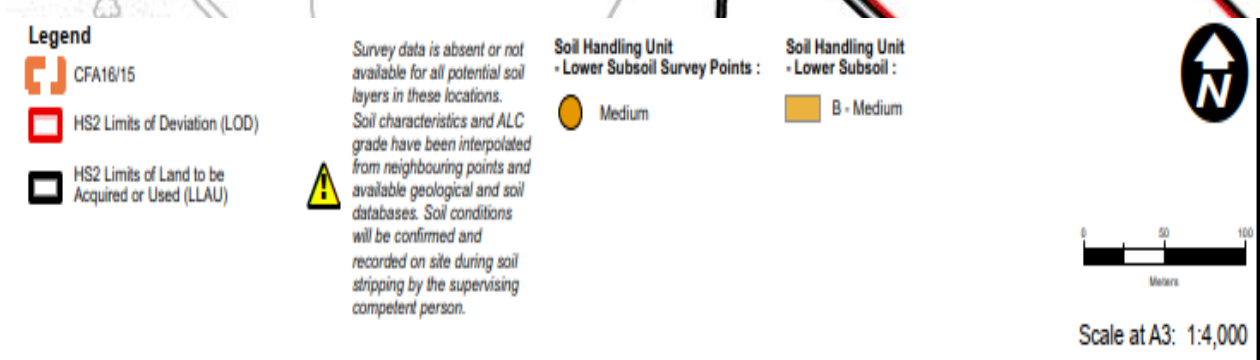
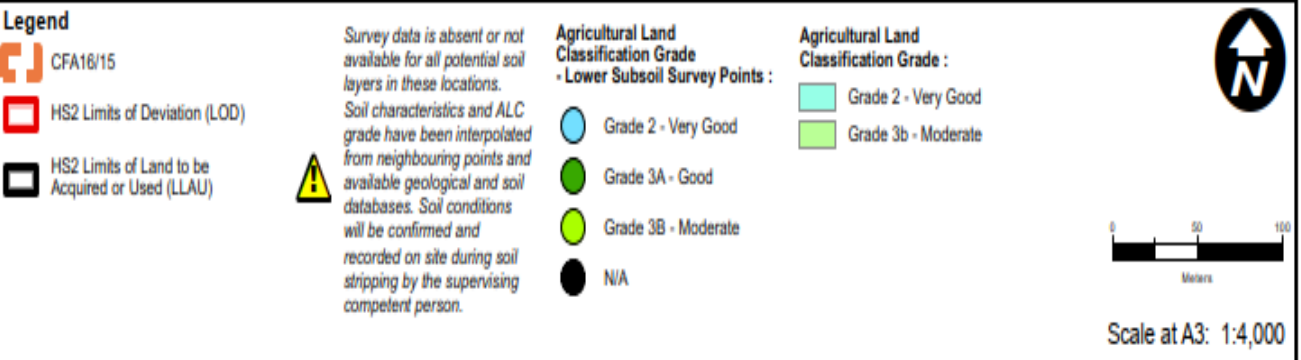
Soil Handling Unit - Upper Subsoil Survey Points :

- Medium
- N/A

Soil Handling Unit - Upper Subsoil :

- B - Medium

Scale at A3: 1:4,000



Post-construction land use



1MC07-CEK-EV-REP-CS07_CL24-000067
Revision : P01

CFA16/15

Figure 8 (Sheet 1 of 1)

Post-Construction Land Use

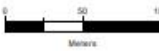


Legend

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Landscape Design :

- AH - Wetland/Aquatic Plants Locally Harvested/Salvaged
- GA - Amenity Grassland
- GW - Wild Flower Meadow/Ecological Interest
- LS - Lineside Vegetation
- ME - HS2 Infrastructure Grass Planting
- RL - Returned Land To Agriculture
- SP - Screen Planting Quick Effect
- SW - Landscape Planting
- WM - Generic Woodland Medium Term Effect
- WQ - Generic Woodland Quick Effect
- WW - Woodland Along Canals



Scale at A3: 1:4,000