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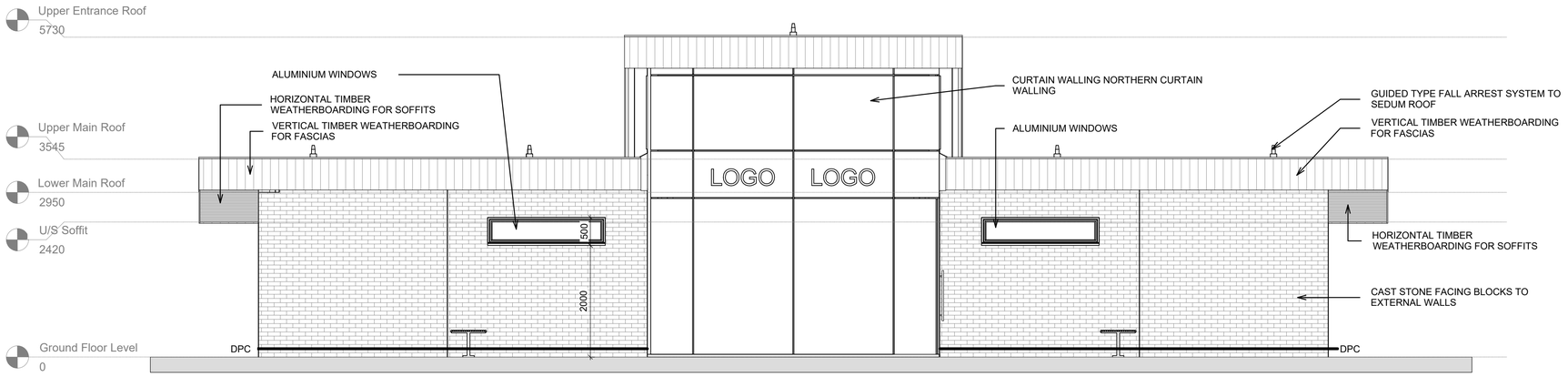
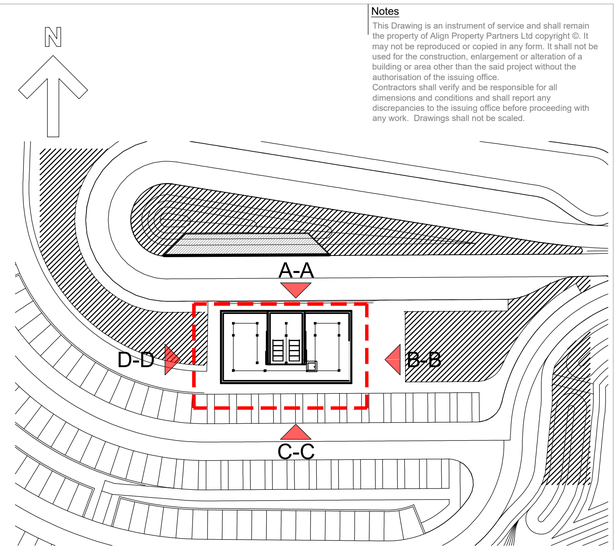
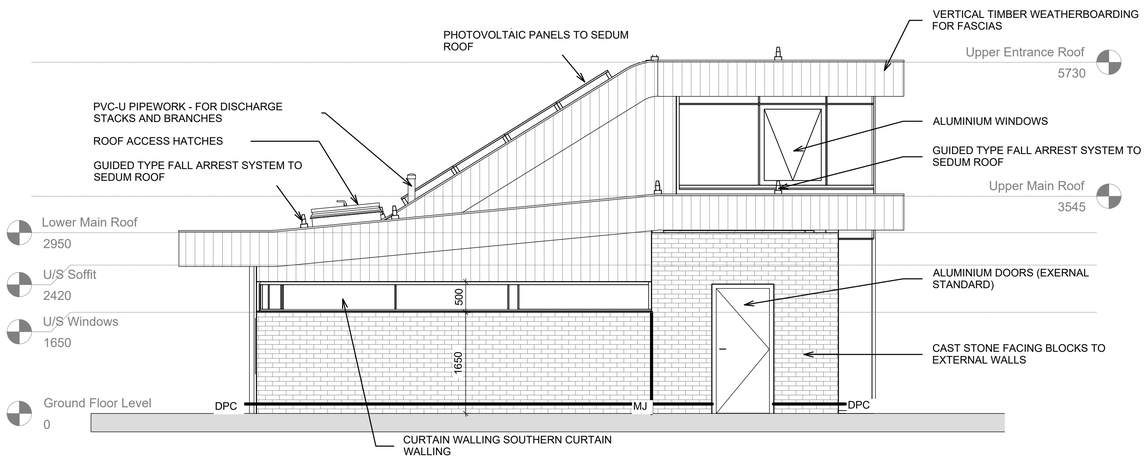


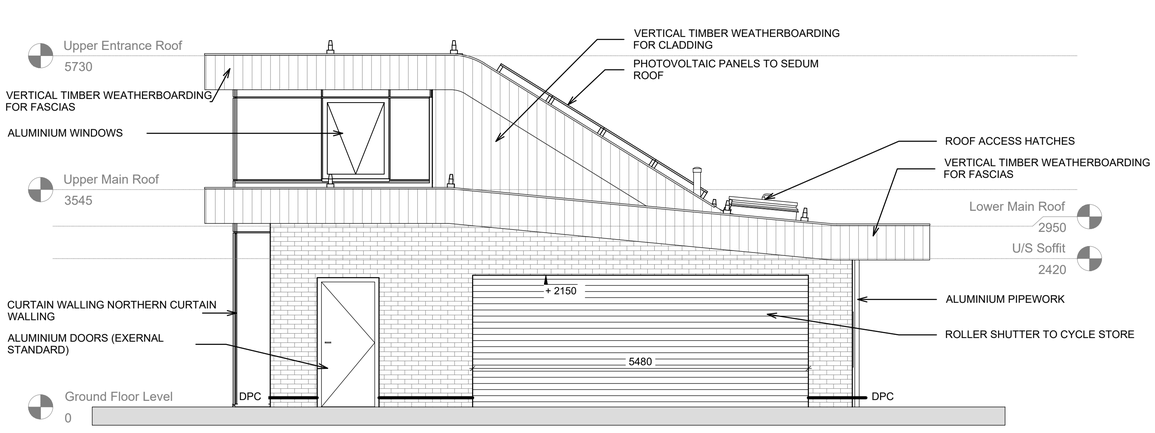
Elevation A-A
Scale 1:50



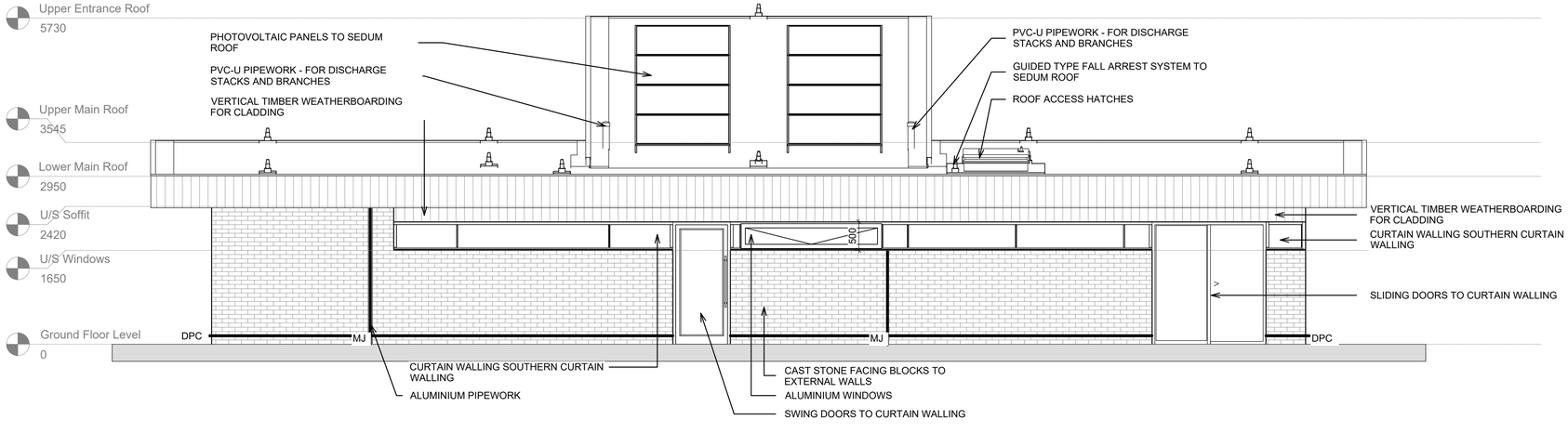
Key Plan
Scale 1:500



Elevation B-B
Scale 1:50



Elevation D-D
Scale 1:50



Elevation C-C
Scale 1:50

NYMNPA

23/03/2018

P1	Issued for planning	TC 12.01.18	KB 12.01.18	KB 12.01.18
Ver.	Details	Author & Date	Checked & Date	Approv'd & Date

align PROPERTY PARTNERS
Mount View, Standard Way, Northallerton, North Yorkshire, DL6 2YD

Client
NORTH YORKSHIRE COUNTY COUNCIL

Project name
Whitby Park and Ride - Waiting Facility
Additional Office Extension

Drawing Title
Existing Elevations

Purpose
Planning

Scale	Drawn	Checked	Approved
1:50	TC	KB	NB
Original Size	Date	Date	Date
A1	25.10.2017	12.01.2018	12.01.2018

Drawing Number
NY17008/A/140.001

Version
P1

0 1000 2000 3000 4000 5000 mm
SCALE 1 : 50

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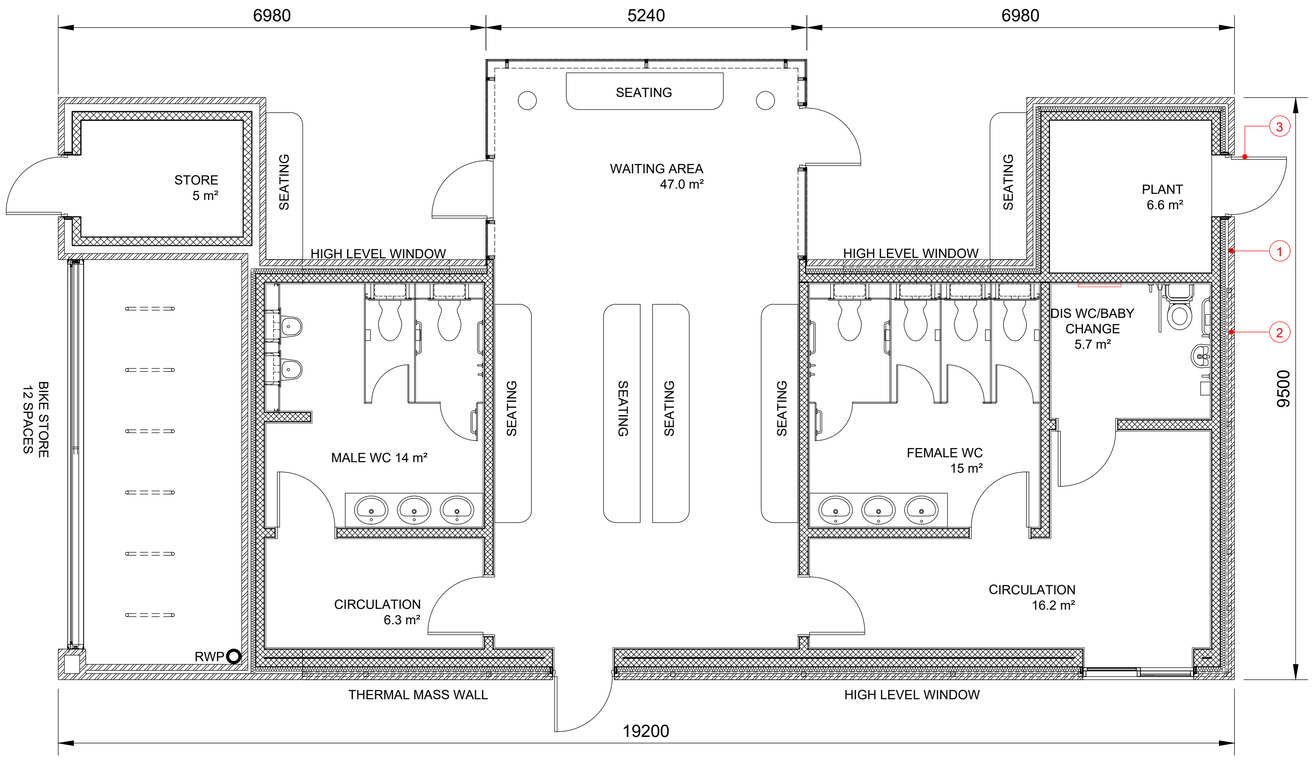
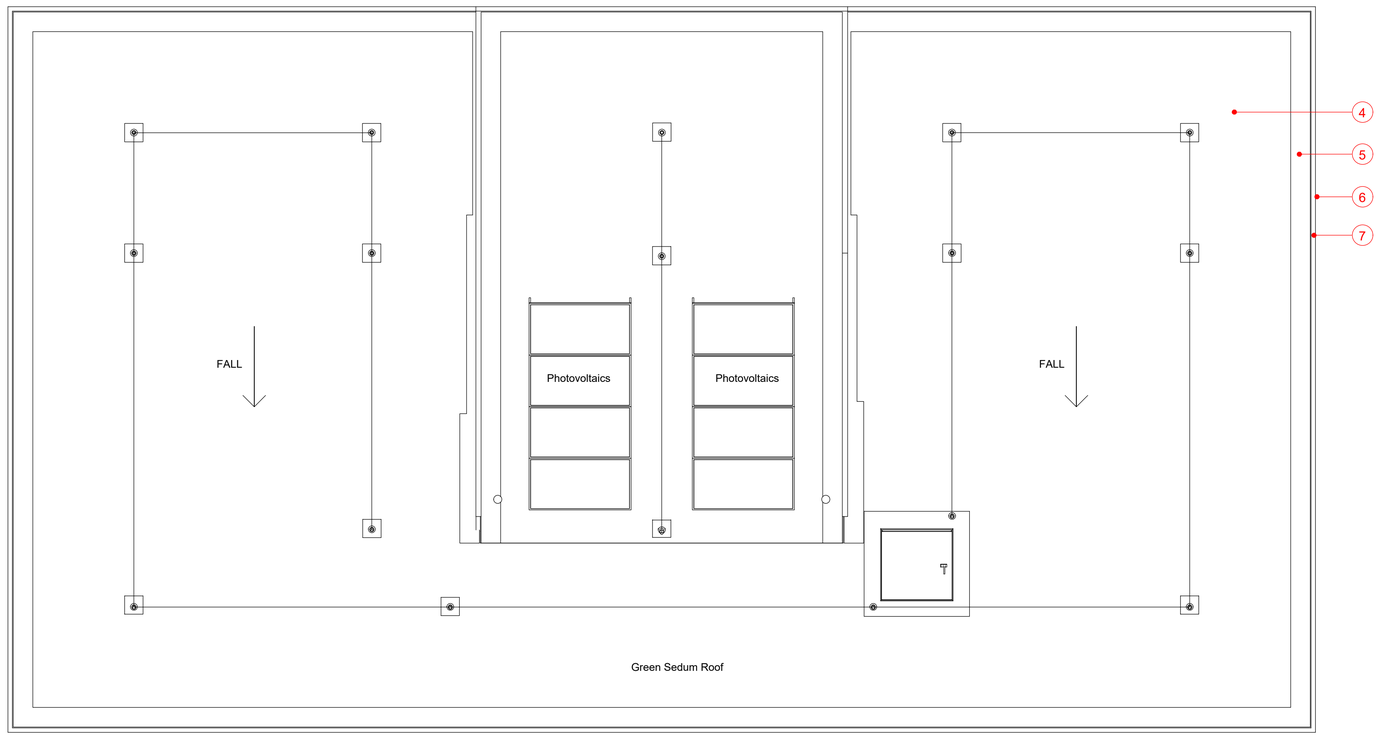


Existing GA Floor Plan

Scale 1:50

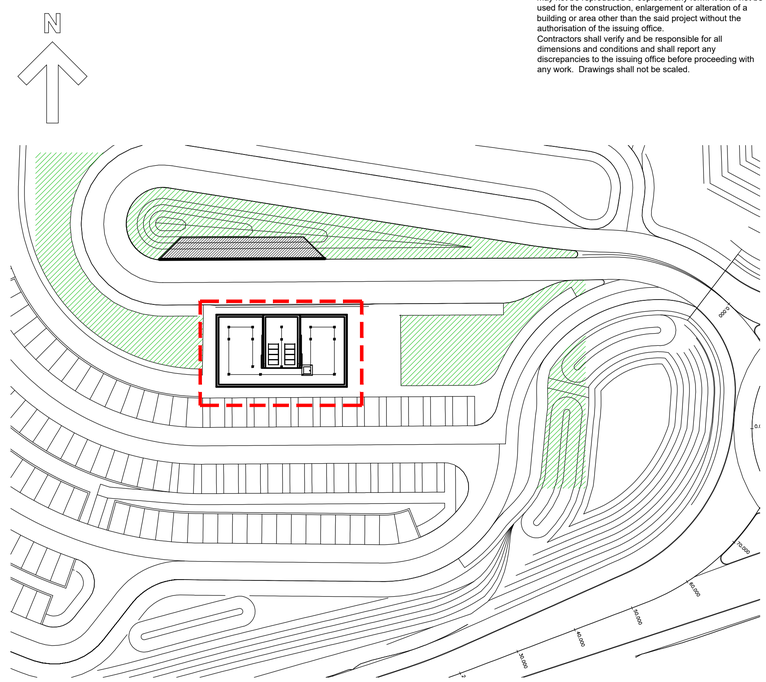


Existing Roof Plan

Scale 1:50

Existing Materials Legend:

1. Stone brickwork
2. High level aluminium glazed window
3. Aluminium external door
4. Sedum roof covering
5. Gravel edge to sedum roof
6. Vertical timber weatherboarding to fascias
7. Preformed metal fascia flashing to roof edge



Key Plan

Scale 1:500

0 1000 2000 3000 4000 5000 mm

SCALE 1 : 50

Notes

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Ver.	Details	Author & Date	Checked & Date	Approv'd & Date
P1	Issued for planning	TC 12.01.18	KB 12.01.18	KB 12.01.18

align PROPERTY PARTNERS
Mount View, Standard Way, Northallerton, North Yorkshire, DL6 2YD

Client: NORTH YORKSHIRE COUNTY COUNCIL

Project name: Whitby Park and Ride - Waiting Facility Additional Office Extension

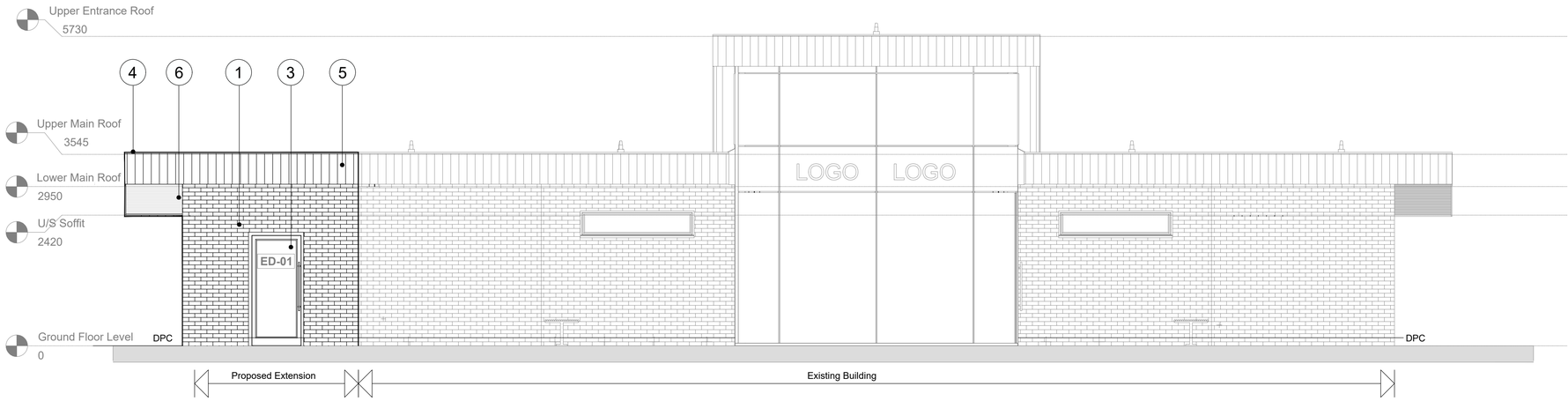
Drawing Title: Existing Floor Plan and Roof Plan

Purpose: Planning

Scale	Drawn	Checked	Approved
1:50	TC	KB	NB
Original Size	Date	Date	Date
A1	02.01.2018	12.01.2018	12.01.2018

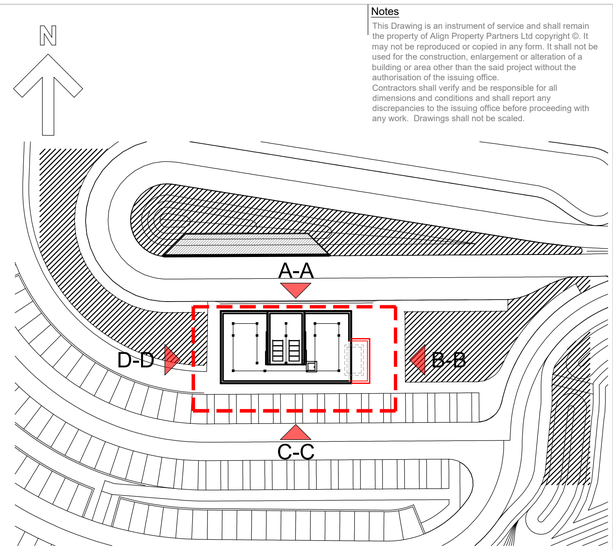
Drawing Number: NY17008/A/100.001

Version: P1



Elevation A-A

Scale 1:50



Key Plan

Scale 1:500

Notes

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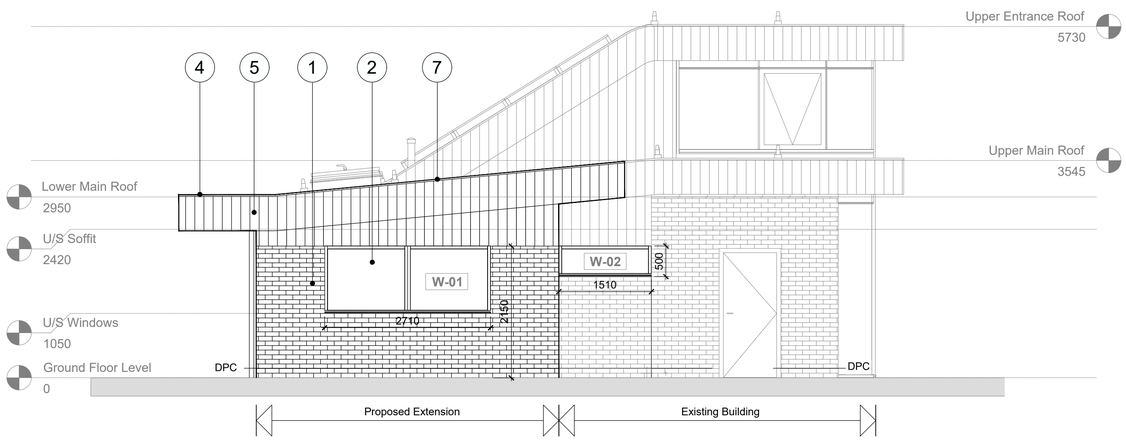
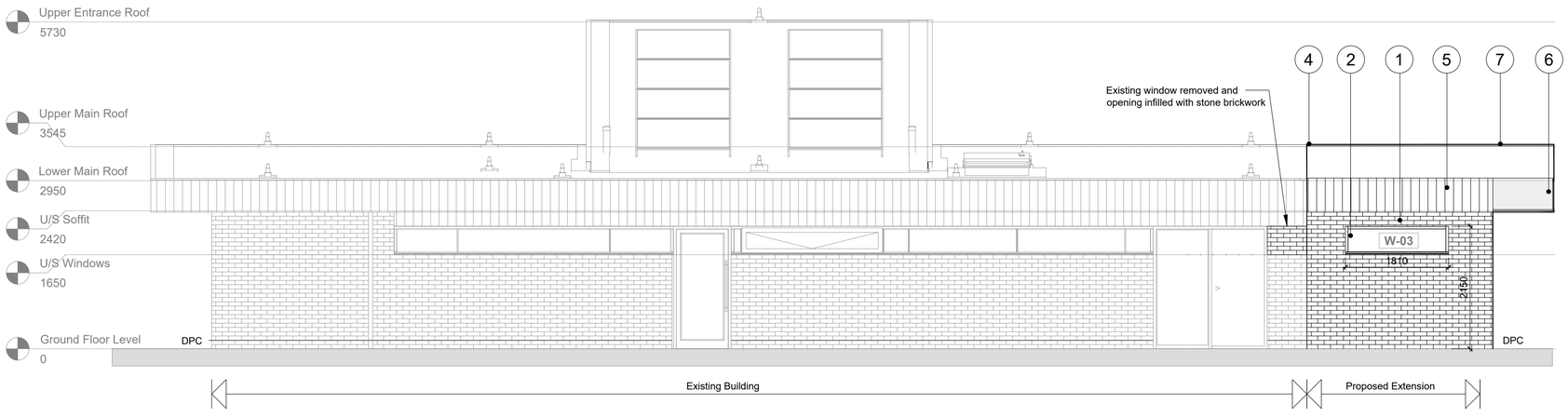


Elevation B-B

Scale 1:50

Elevation D-D

Scale 1:50



Elevation C-C

Scale 1:50

Proposed Materials Legend:

1. Stone brickwork to match existing
2. Aluminium window (RAL to match existing)
3. Aluminium external door (RAL to match existing)
4. Sedum roof and roof profile to match existing (area of making good to existing)
5. Vertical timber weatherboarding to fascias
6. Horizontal timber weatherboarding to fascias
7. Preformed metal fascia flashing to roof edge

0 1000 2000 3000 4000 5000 mm

SCALE 1 : 50

Ver.	Details	Author & Date	Checked & Date	Approv'd & Date
P1	Issued for planning	TC 12.01.18	KB 12.01.18	KB 12.01.18

Mount View, Standard Way, Northallerton, North Yorkshire, DL6 2YD

Client: NORTH YORKSHIRE COUNTY COUNCIL

Project name: Whitby Park and Ride - Waiting Facility Additional Office Extension

Drawing Title: Proposed Elevations

Purpose: Planning

Scale	Drawn	Checked	Approved
1:50	TC	KB	NB
Original Size	Date	Date	Date
A1	25.10.2017	12.01.2018	12.01.2018

Drawing Number: NY17008/A/140.002 Version: P1

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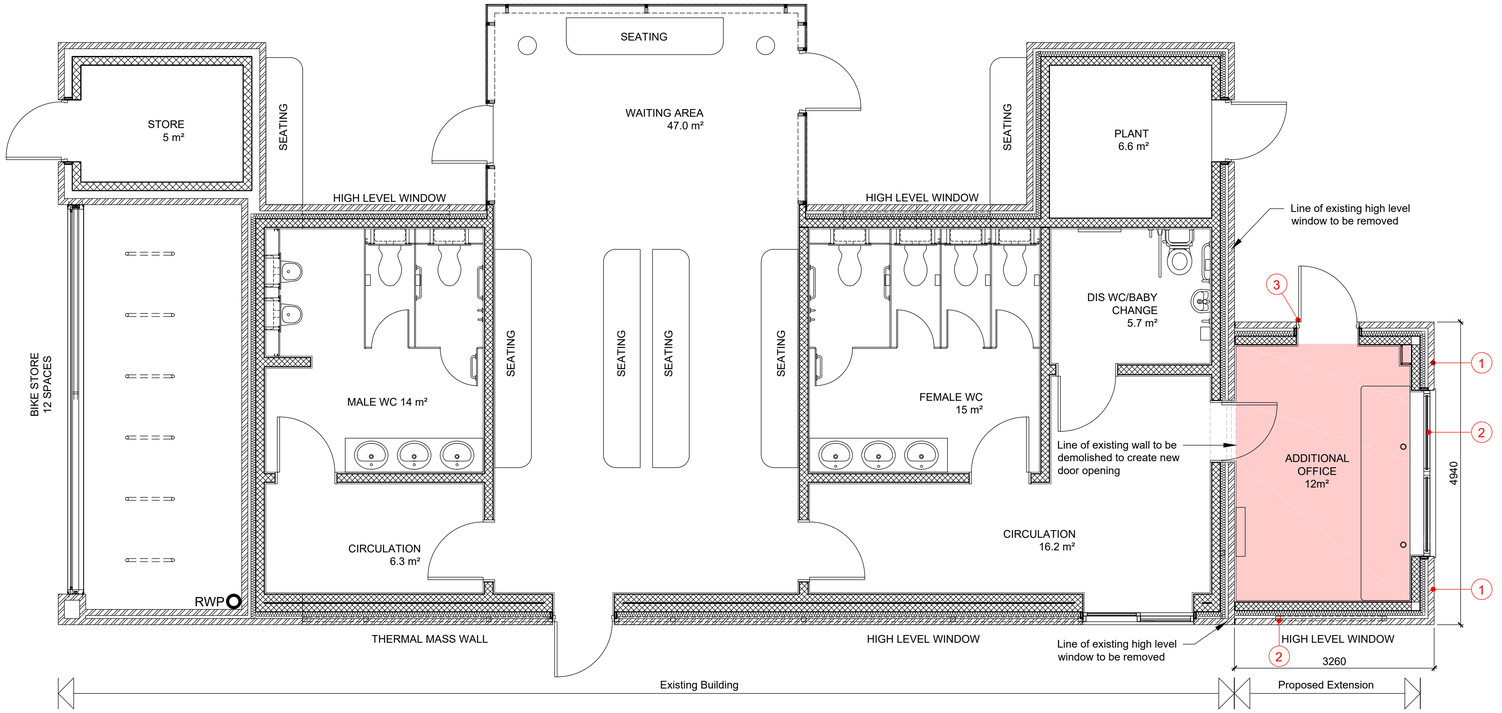
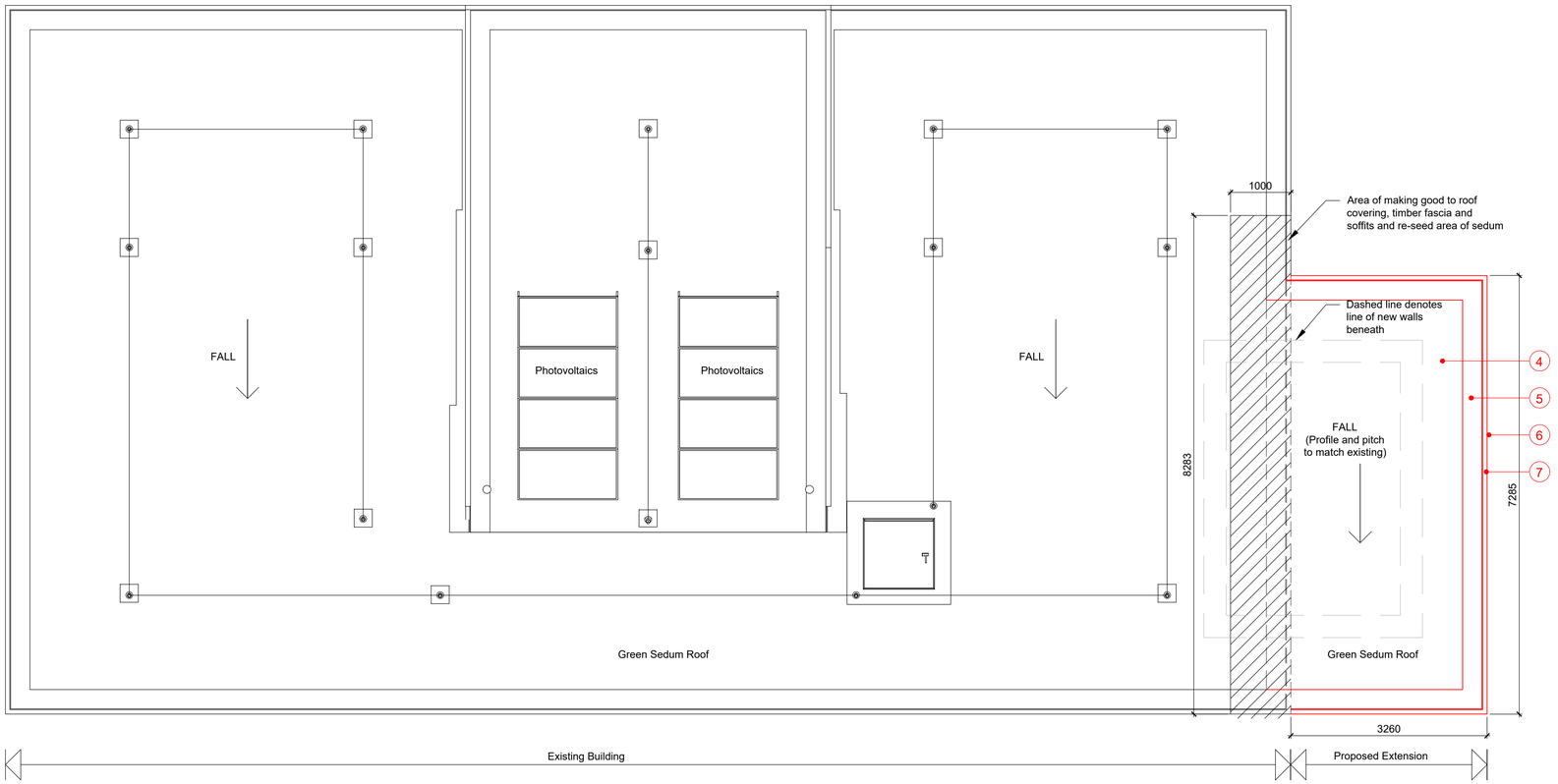


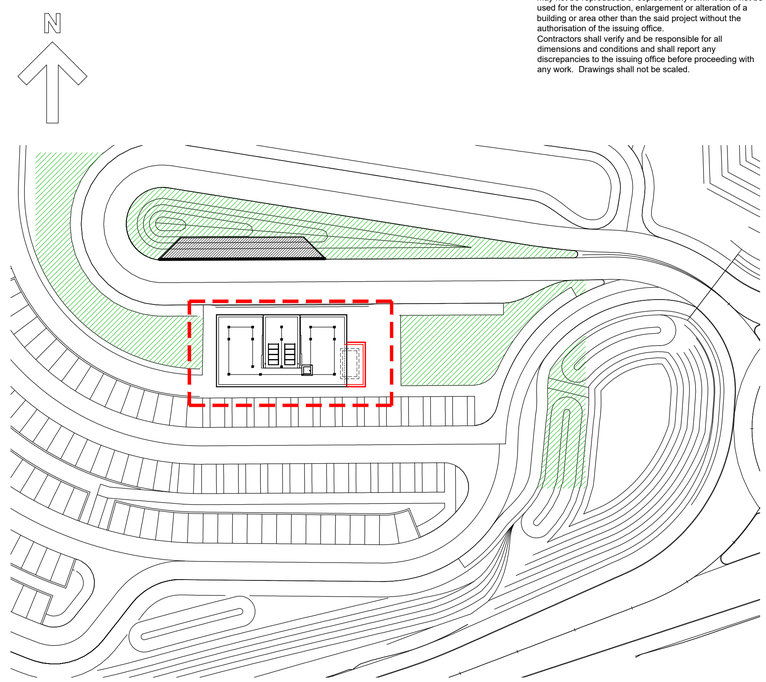
Proposed GA Floor Plan

Scale 1:50



Proposed Roof Plan

Scale 1:50



Key Plan

Scale 1:500

Proposed Materials Legend:

1. Stone brickwork to match existing
2. Aluminium window
3. Aluminium external door
4. Sedum roof and roof profile to match existing (area of making good to existing)
5. Gravel edge to sedum roof
6. Vertical timber weatherboarding to fascias
7. Preformed metal fascia flashing to roof edge

Room Schedule		
Number	Name	Area
1	Waiting Area	47 m²
2	Circulation	16 m²
3	Female WC	15 m²
4	Dis. WC / Baby Change	5 m²
5	Plant Room	6 m²
6	Circulation (Male WC)	6 m²
7	Male WC	15 m²
8	Cycle Store	17 m²
9	Store	5 m²
10	Additional Office	12 m²

0 1000 2000 3000 4000 5000 mm
SCALE 1 : 50

Ver.	Details	Author & Date	Checked & Date	Approv'd & Date
P1	Issued for planning	TC 12.01.18	KB 12.01.18	KB 12.01.18

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Mount View, Standard Way, Northallerton, North Yorkshire, DL6 2YD

Client: NORTH YORKSHIRE COUNTY COUNCIL

Project name: Whitby Park and Ride - Waiting Facility Additional Office Extension

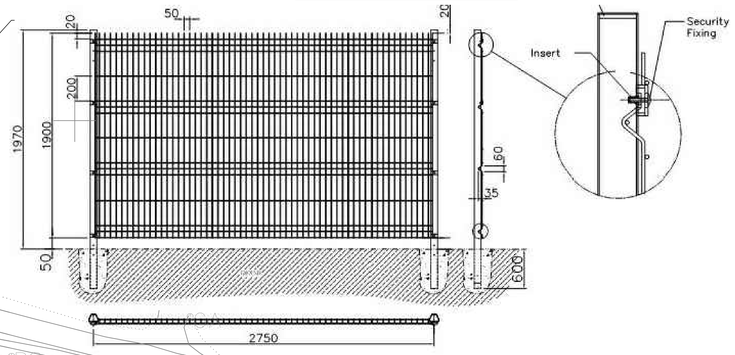
Drawing Title: Proposed Floor Plan and Roof Plan

Purpose: Planning

Scale	Drawn	Checked	Approved
1:50	TC	KB	NB
Original Size	Date	Date	Date
A1	25.10.2017	12.01.2018	12.01.2018

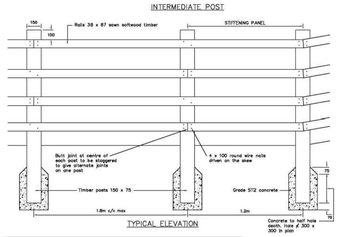
Drawing Number: NY17008/A/100.002
Version: P1

2000mm HIGH WELD MESH FENCE



TYPICAL ELEVATION

INTERMEDIATE POST



TYPICAL ELEVATION

WPR7
169.634

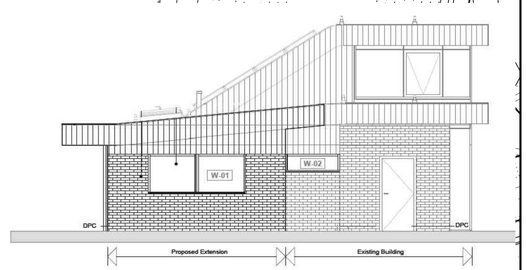
WPR6
100.749

187 CAR PARK BAYS

Landscape bund to be relocated back to hedges with landscape finishing as per original Planning Conditions.

12000mm (Length) x5000mm (Width) x3500mm (Height)

Additional Office Extension
3035mm x 4940



KEY

- C'WAY CONSTRUCTION
- FOOTWAY CONSTRUCTION
- CONCRETE PAD
- POROUS SURFACING
- UNCONTROLLED CROSSING (BUFF TACTILES)
- VERGE / GRASSED AREA
- LANDSCAPE BUND
- BUS SHELTER 5m x 12m
- WELD MESH FENCE 2m
- WOOD FENCE 1.3m
- AUTOMATIC TRAFFIC BARRIER
- ILLUMINATED BOLLARDS

LAND REQUIRED

Bus Stop	0.0025 ha
Extension	0.006 ha
Car Park	0.5985 ha
Barriers	0.001 ha
	0.6080 ha

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GENERAL ARRANGEMENT

North Yorkshire County Council
Business & Environmental Services
Corporate Director: David Bowe

PROJECT:- Whitby Park and Ride Site Extension

DRG. TITLE:- GENERAL ARRANGEMENT (PICTURE)

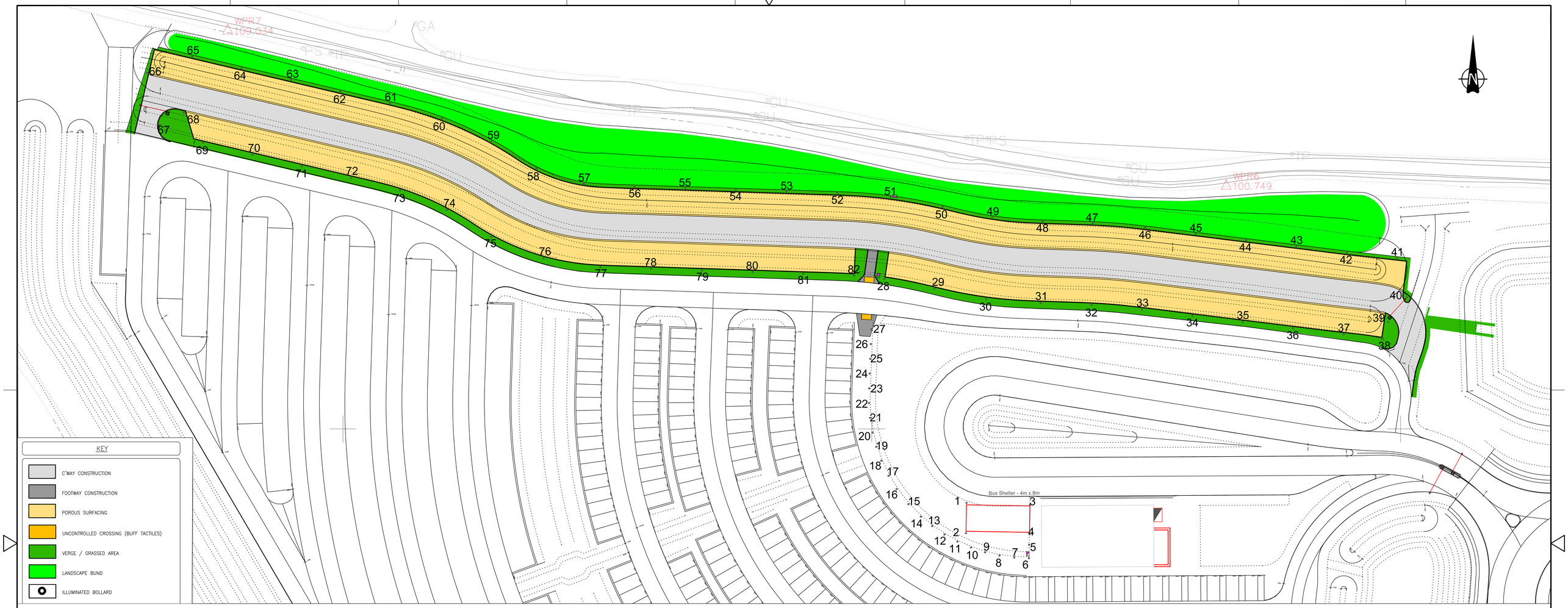
No.	AMENDMENTS DETAILS	DATE

DRAWN:- A.B.
CHECKED:- J.D.S.
DATE:- 10/2017

HNY AREA
Area 1 (Whitby)

SCALE:- 1:250
DRAWING NO.
BDS/WP&RE/2016/MISC001

ORIGINAL DRAWING SIZE A0



KEY TO LUMINAIRES:

Manufacturer: DW Windsor
Product Name: Pharola DS
Light Source: LED 855 lumens, 3000K, Ra>80
Useful Life: 60,000 hours min. L70B10
Optic: Assymetric
(Zero upwards light output)

Tilt Angle: N/A

Rating: IP66 IK10

Mounting:
Root or Flange mounted - 1m bollard

Finish: TBC

Control: TBC
Control Methodology: TBC

BOLLARD SAMPLE

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North Yorkshire County Council
Business & Environmental Services
Corporate Director: David Bowe

PROJECT:- Whitby Park and Ride Site Extension

DRG. TITLE:- ILLUMINATED BOLLARD

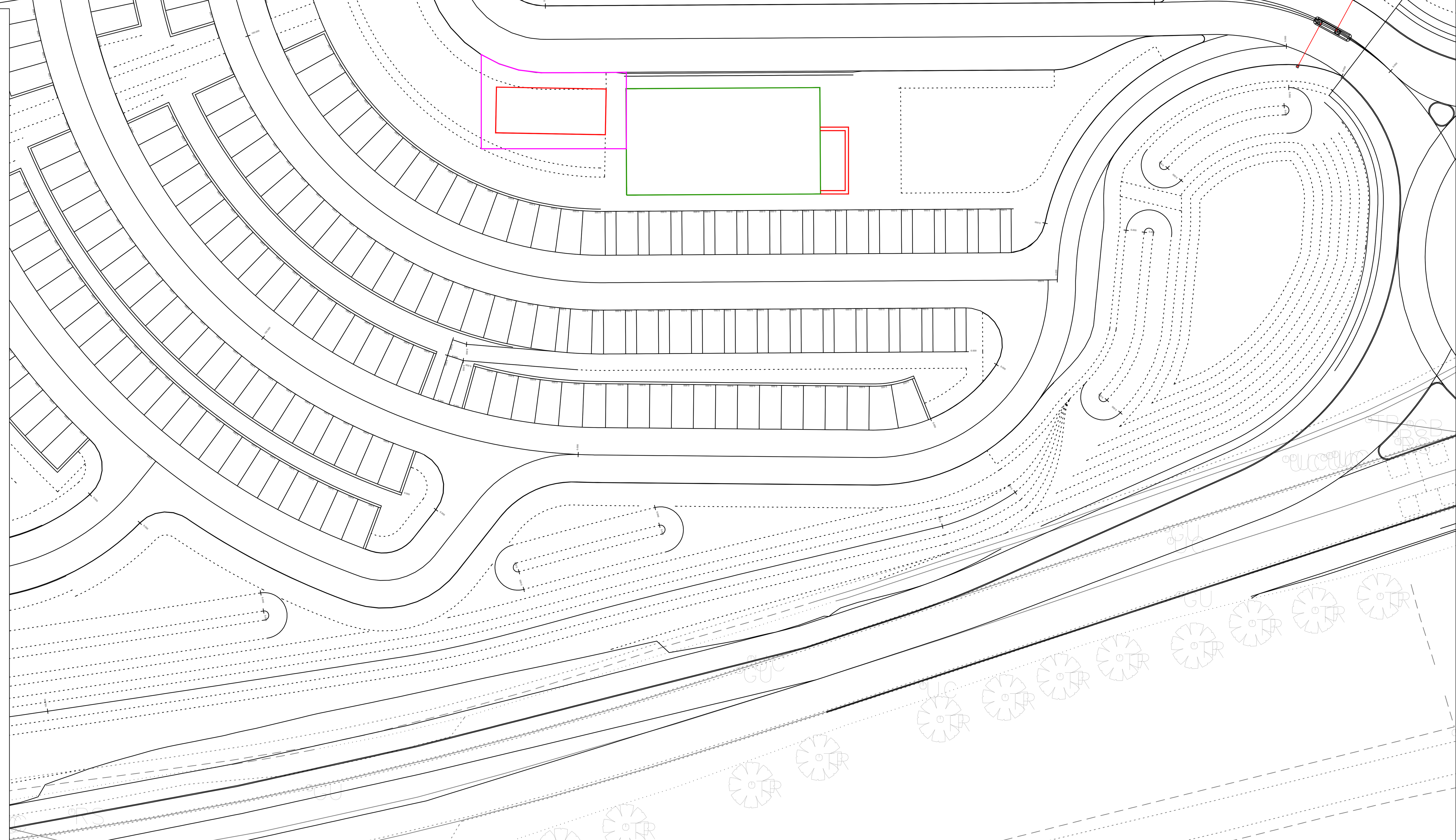
No.	AMENDMENTS DETAILS	DATE
A	DISABLE PARKING SPACE REMOVED	24/08/16
B	AMENDMENTS FOR COMMENTS	09/17

DRAWN:- A.B.
CHECKED:- J.D.S.
DATE:- 4th July 2016

HNY AREA
Area 1 (Whitby)

SCALE:- 1:250
DRAWING NO.
BDS/WP&RE/2016/1300B

ORIGINAL DRAWING SIZE A0



KEY

Grass seed (wildflower)	Topsoil 150mm thick and Grass Seed on slopes 10o or less to the horizontal Grass seed to be Wildflower Meadow Mix, Sowing Rate: 5 grams per m^2 and seed to be British Seed House A4 Mix (low maintenance areas), Sowing Rate: 10 grams per m^2 784 m^2
Grass seed	Topsoil 150mm thick and Grass Seed on slopes 10o or more to the horizontal Grass seed to be British Seed House A4 Mix (low maintenance areas), Sowing Rate: 35 grams per m^2 1592 m^2
Magenta line	Temporary Site Fencing (Heras Type) 670 lin m
Blue line	Welded Steel Mesh Fence 255 lin m
Orange line	Timber post & four rail fencing (276 lin m taken from take up and set aside, damaged parts to be replaced) 530 lin m
Red symbol	Electrical powered Barrier Gate Equipment 4No
Red box	Bus Shelter

Notes:
1. Details of Site Limits, Site Clearance and Top Strip can be found on Drg No BDS/WP&RE/2016/200.
2. Also refer to the Typical Cross Sections on Drg No BDS/WP&RE/2015/701.
3. As previously indicated there is a desire to make the earthworks 'balance', therefore the contractor is to distribute surplus material within his site: as far as practical. If however there is still a surplus, the contractor maybe required to distribute this material in other areas with in the P&R site, these areas will be agreed with the supervisor.
4. The Timber Post and Four Rail Fence is to be constructed in accordance with Highway Construction Details H3 Timber Post and 4 (or 5) Rail Fences. The is to be provided with concrete footings.
5. Bus Shelter is to be constructed in accordance with the specification and contract documents.

WILDFLOWER MEADOW MIX

Species Mix (Based on MG5 Traditional Hay Meadow)	
Area to be seeded 2376m2	
Festuca rubra	20
Cynosurus cristatus	10
Agrostis capillaris	10
Anthoxanthum odoratum	10
Holcus lanatus	10
Carex flacca	5
Luzula campestris	5
Trifolium pratense	5
Centaurea nigra	5
Lotus corniculatus	2
Lathyrus pratensis	2
Prunella vulgaris	2
Leucanthemum vulgare	2
Leontodon autumnalis	2
Agrimonia eupatoria	2
Centaurium erythraea	2
Hypericum perforatum	2
Ranunculus acris	2
Plantago lanceolata	2

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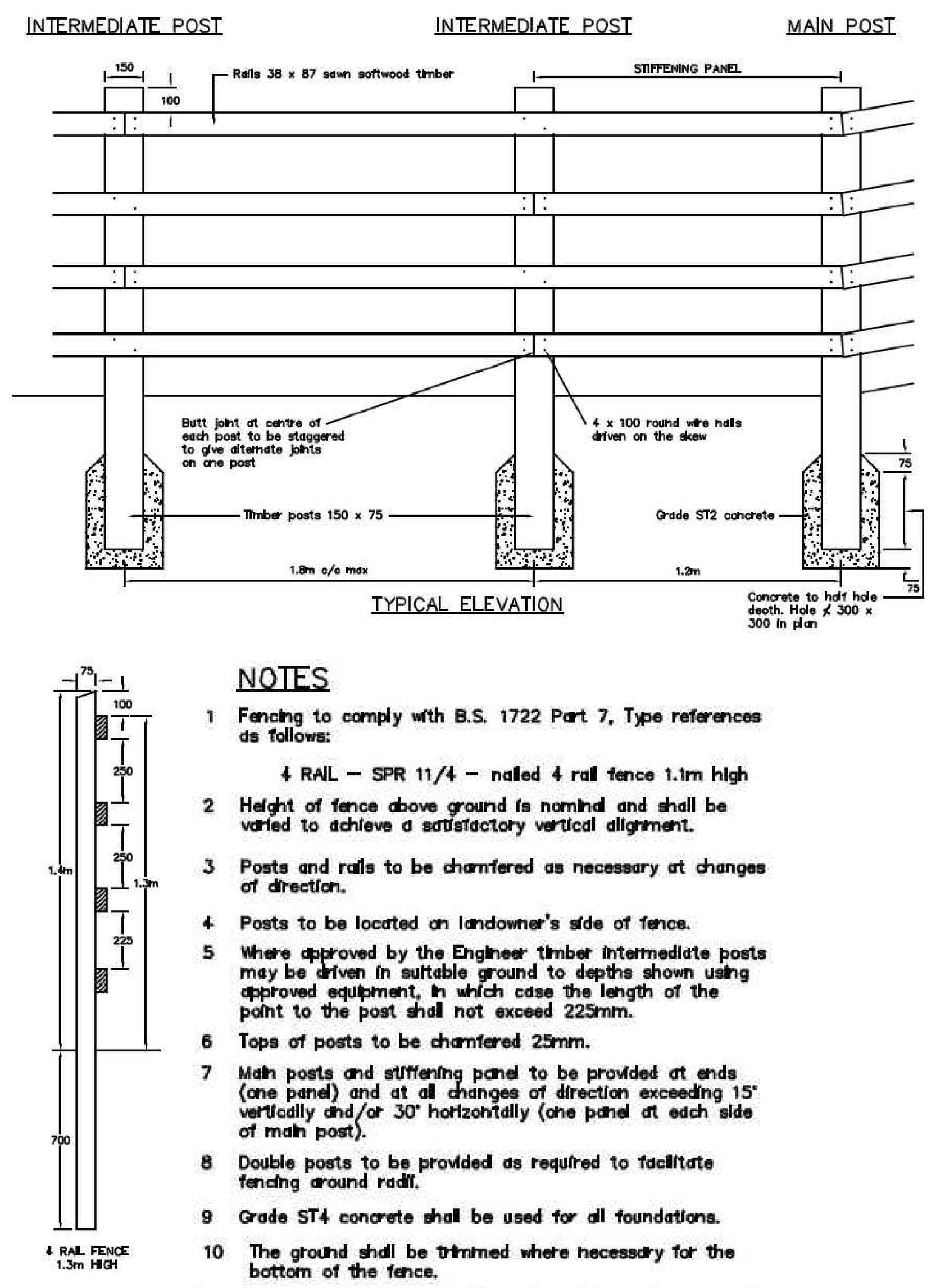
WOOD FENCE DETAILS

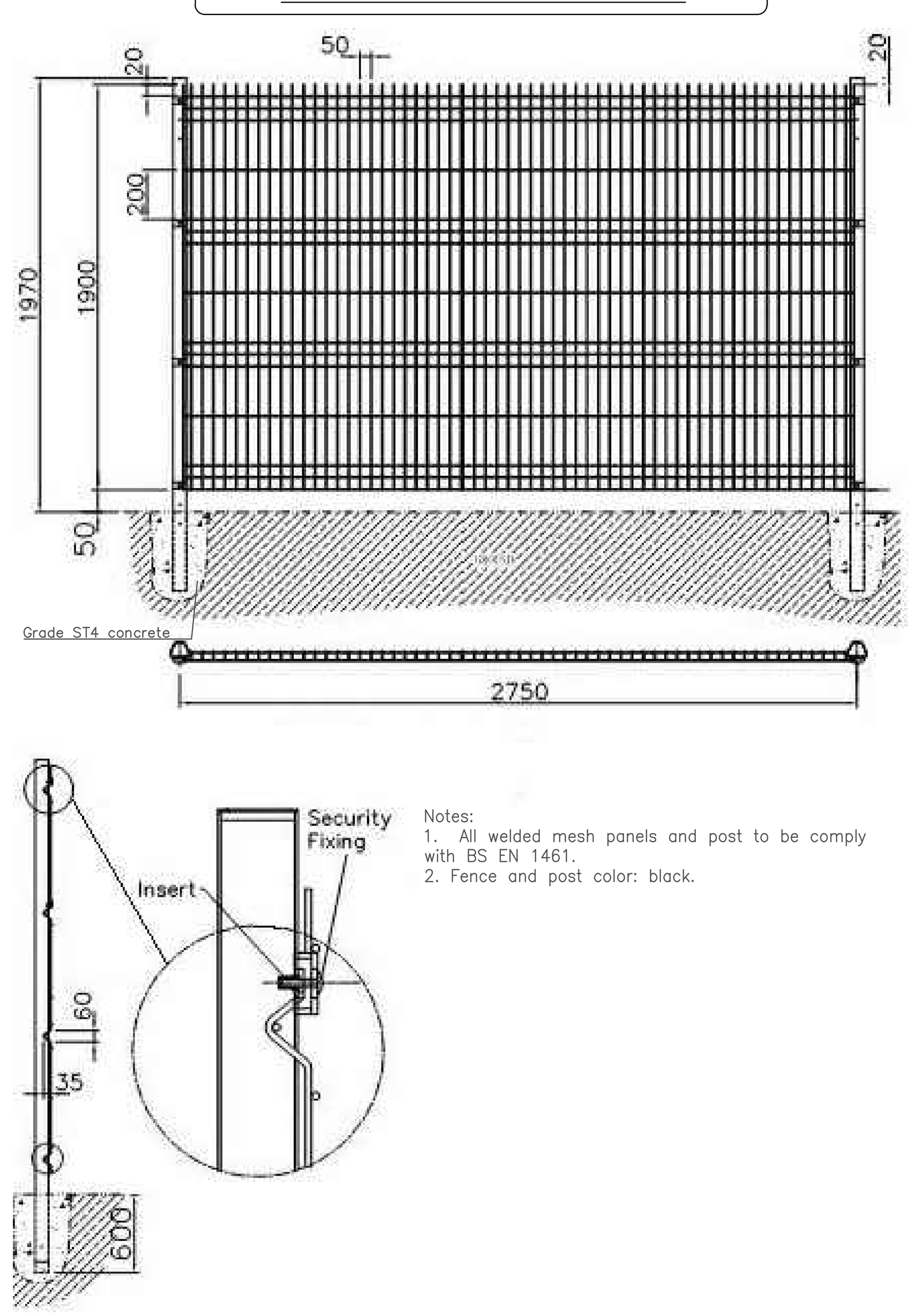


NOTES

1. Fencing to comply with B.S. 1722 Part 7, Type references as follows:

   4 RAIL – SPR 11/4 – nailed 4 rail fence 1.1m high
2. Height of fence above ground is nominal and shall be varied to achieve a satisfactory vertical alignment.
3. Posts and rails to be chamfered as necessary at changes of direction.
4. Posts to be located on landowner's side of fence.
5. Where approved by the Engineer timber intermediate posts may be driven in suitable ground to depths shown using approved equipment, in which case the length of the point to the post shall not exceed 225mm.
6. Tops of posts to be chamfered 25mm.
7. Main posts and stiffening panel to be provided at ends (one panel) and at all changes of direction exceeding 15° vertically and/or 30° horizontally (one panel at each side of main post).
8. Double posts to be provided as required to facilitate fencing around radii.
9. Grade ST4 concrete shall be used for all foundations.
10. The ground shall be trimmed where necessary for the bottom of the fence.
11. Post holes to be rammed/backfilled with selected excavated material no sooner than 24 hours after placing concrete.
12. All dimensions are in millimetres unless otherwise stated.

METAL WELD MESH FENCE DETAILS



Notes:
1. All welded mesh panels and post to be comply with BS EN 1461.
2. Fence and post color: black.

North Yorkshire County Council
Business & Environmental Services
Corporate Director: David Bowe

PROJECT:-	Whitby Park and Ride Site Extension
DRG. TITLE:-	Topsoiling, Grass Seeding, Fencing, Street Furniture

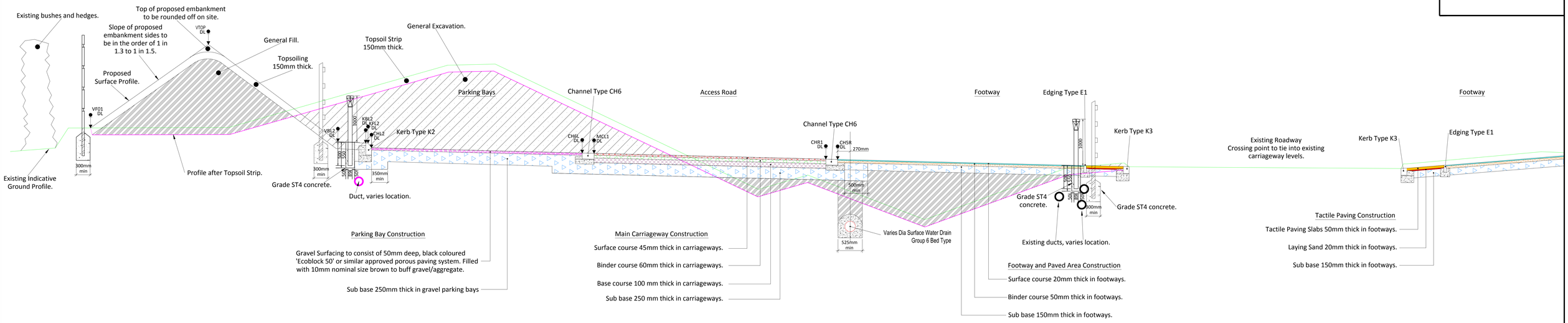
No.	AMENDMENTS DETAILS	DATE
A	AMENDMENTS FOR COMMENTS	09.2017

DRAWN:- A.B
CHECKED:- J.D.S.
DATE:- 1st July 2016

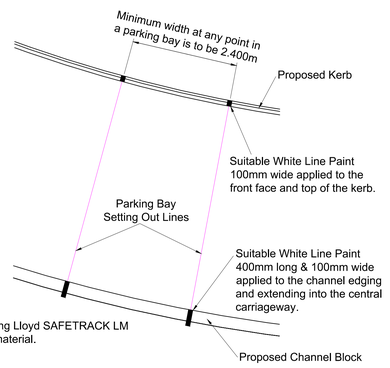
HNY AREA
Area 1
(Whitby)

SCALE:- 1:250
DRAWING NO.
BDS/WP&RE/2016/300A

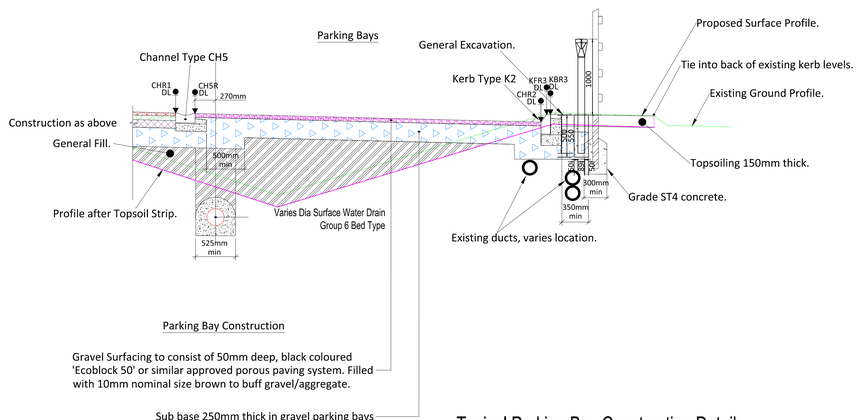
ORIGINAL DRAWING SIZE A0



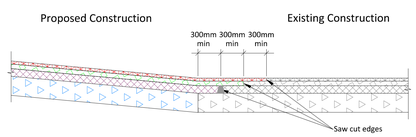
Typical Construction Details (Chainage approx=142.000m)



Proposed Layout of the Parking Bays on the Porous Surfacing
Enlarged Detail



Typical Parking Bay Construction Details
(Chainage=approx 6.700 to116.700 & 166.700 to 240.700m)



Overlap Detail for all Longitudinal and Transverse Construction Joints with Existing Carriageway

Bituminous Carriageway Surfacing

The Road Construction shall comprising of :- sub base 250mm thick, base course 100mm thick(AC 32 HDM base 40/60), binder course 60mm thick(AC 20 HDM bin 40/60 des) & surface course 45mm thick (Close graded asphalt concrete (AC10 close surf 70/100) with 10 mm aggregate) in carriageways

Bituminous Footway Surfacing

Bituminous Footways shall be provided with kerb or/and pin kerb support. Bituminous Footway construction shall consist of:-

20mm Surface Course (SFA AC6 dense Surface Material 100/150)
50mm Binder Course (BIFA AC20 dense Binder Material 100/150)
150mm Type 1 Sub-base material to clause 803.

Tactile Paving

Tactile Paving shall be 50mm thick and buff coloured. Tactile Paving units shall 400mm x 400mm in size. Tactile Paving construction shall consist of:-

50mm Tactile Paving Slabs
20mm Laying sand layer, grading C to B.S. 882
150mm Type 1 Sub-base material to clause 803.

Tactile Paving shall shall conform to Chapter 1 of DETR document 'Guidance on the use of Tactile Paving Surfaces'.

Porous Surfacing

Porous Surfacing to consist of 50mm deep, black coloured 'Ecoblock 50' or similar approved porous paving system. Filled with 10mm nominal size brown to buff gravel/ aggregate. Note the contractor is to provide several different samples for the client to approve prior to the commencement of the works to ensure they match the existing gravel used elsewhere in the site.

Porous Surfacing Type 1 (Parking Bays), will be as above laid on a 250mm thick layer of Type 1 Sub-base (Clause 803 material)

Porous Surfacing Type 2 (Access Track), will be as above laid on a 150mm thick layer of Type 1 Sub-base (Clause 803 material)

The porous paving system trays are to be manufactured from fully UV stabilised, 100% recycled, High Density Polyethylene (HDPE), which is chemically inert and can be located in the ground without long term damage to the surrounding soils. The system is to be fade resistant.

Load bearing capacity

The system is to have a load bearing capacity of up to 1850kN/m2 or 185 tonnes/m2, making them suitable for access by emergency vehicles, such as fire engines. The units shall have a minimum of 8mm thick cell walls and the integral support ‘feet’ and shall be interlockable.

The contractor is to lay the system in accordance with the manufacturers recommendations and provide any additional parts required.

For the parking bays the contractor is to provide & install 12No demarcation white blocks for each parking bay divide. These are to be laid in 3No groups of 4 (approx 300mm long) at either end and in the middle of the dividing line. Alternatively the contractor can, if he chooses,to paint the first white thermoplastic line on the bituminous carriageway surface in line with these parking bay divides.

For details of 'Ecoblock 50' details go to the web site: www.buildbasecivils.co.uk
or Grafton Merchanting GB Ltd, Gemini One, 5520 Oxford Business Park South, Cowley, Oxford, OX4 2LL. Tel: 01865 871680

Random Rubble Paving

The Random Rubble paving shall consist of the random rubble from set aside set in a minimum 150 mm thick bed of ST4 concrete. Before the bed has set the joints are to be finished off with a pointing mortar (1:1:6, cememt:lime:sharp sand mix).

Kerbs & Edgings

Concrete Kerbs shall be laid in accordance with standard drawing K150 Precast Concrete Kerb Types & Bedding Details

Pin Kerbs & Channel Blocks shall be laid in accordance with standard drawing K152 PCC Channeling & Edging

Timber Edging (TE1) shall be constructed in accordance with K152/1 Timber Edging

Basic Earthwork Quantities

From basic cross - sections cut/ fill calculations were carried out these were found to be:
Cut: 2,180 cu m; Fill: 1,299 cu m; suggesting a excess of cut material of 881 cu m. The material must be allocate on the site, the place will be confirm by drawing or supervisor instruction.

Construction Materials

Porous Paving: 1926 sq m x 0.3 m deep	578 cu m
Bituminous Surfacing:1542 x 0.45 m deep	694 cu m
	1272 cu m
Allowing 28% extra volume for kerbs,concrete foundations, filter drainage	257 cu m
material and extended sub-base material	1629 cu m

Splitting this volume as 50/50% extra excavation and less fill i.e. 815 cu m
This gives final earthwork volumes thus: Cut: 2,180+ 815 = 2,995 cu m; Fill: 1,299 - 815 = 484 cu m
(please allowing +/- 5% on each value, include final earthwork volume)

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North Yorkshire County Council
Business & Environmental Services
Corporate Director: David Bowe

PROJECT:- Whitby Park and Ride Site Extension

DRG. TITLE:- Typical Cross Sections

No.	AMENDMENTS DETAILS	DATE
A	Bollards updated for O-Bus X-LAST BOLLARDS	25.07.2016

DRAWN:- A.B.
CHECKED:- J.S.
DATE:- 20th June 2016

HNY AREA Area 1 (Whitby)

SCALE:- Not to Scale
DRAWING NO. BDS/WP&RE/2016/701A

ORIGINAL DRAWING SIZE A0