

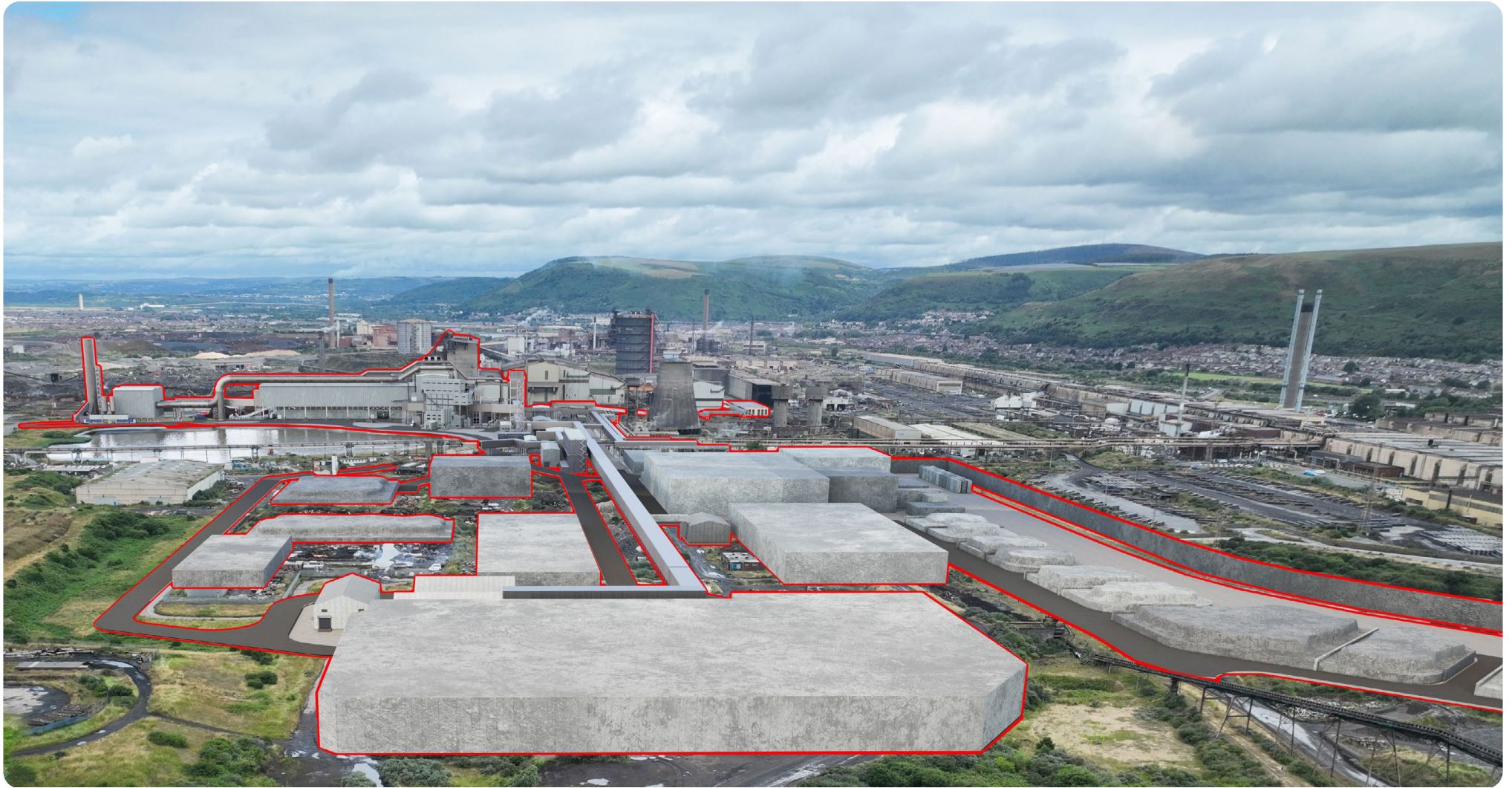


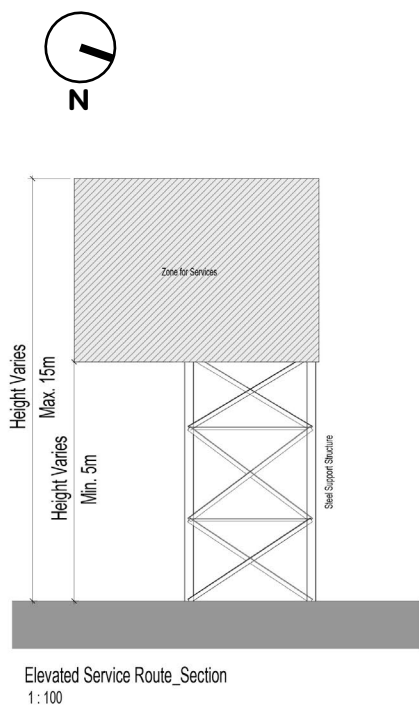
Figure 91: Indicative View of Proposed Development



Figure 92: Indicative View of Proposed Development



Figure 93: Indicative View of Proposed Development



- Elevated Service Route
- Fume Duct (refer to Unit 02 & 03)
- Unit 18 - Green Walkway Extension

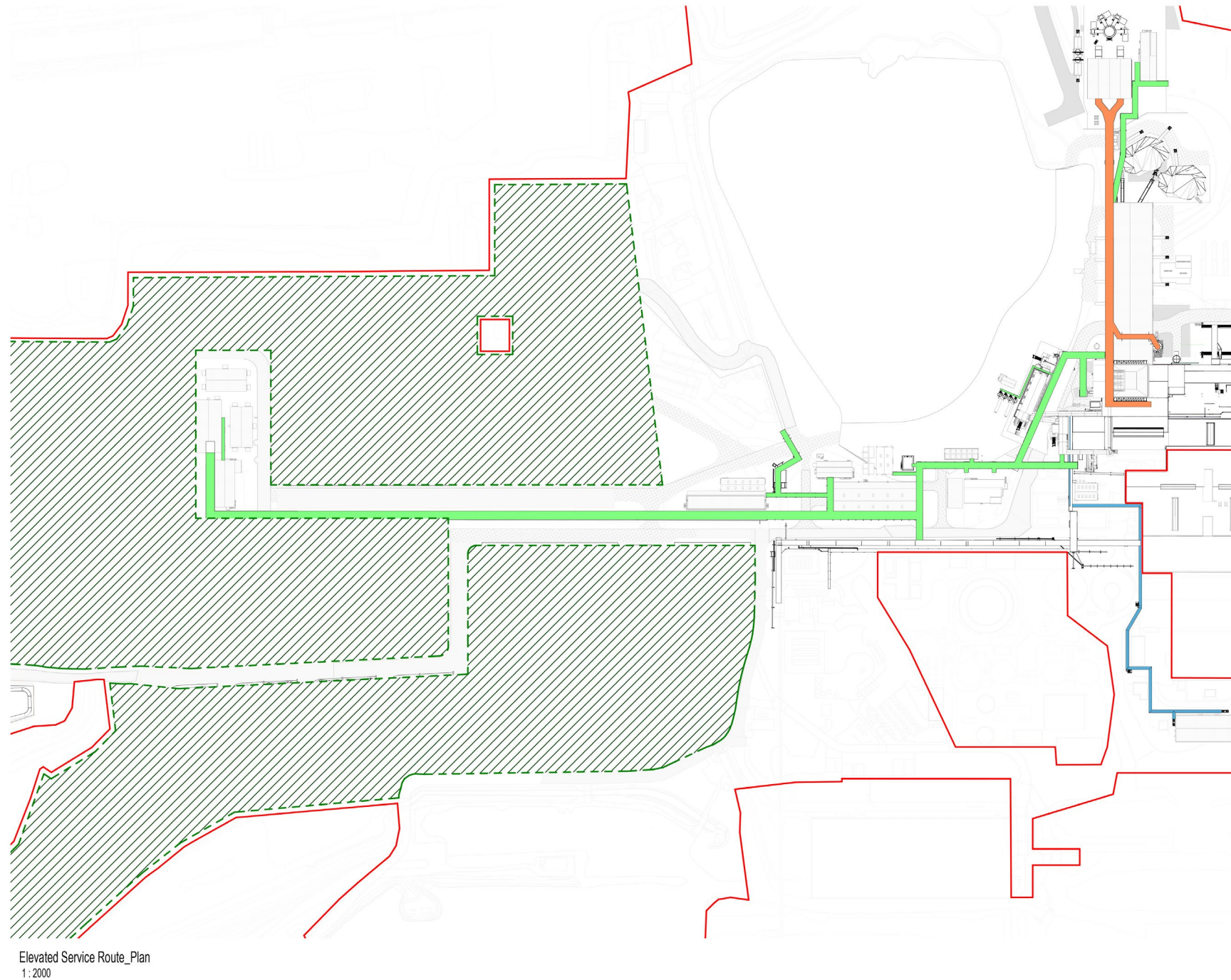
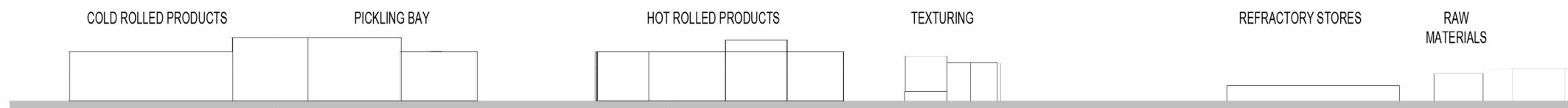


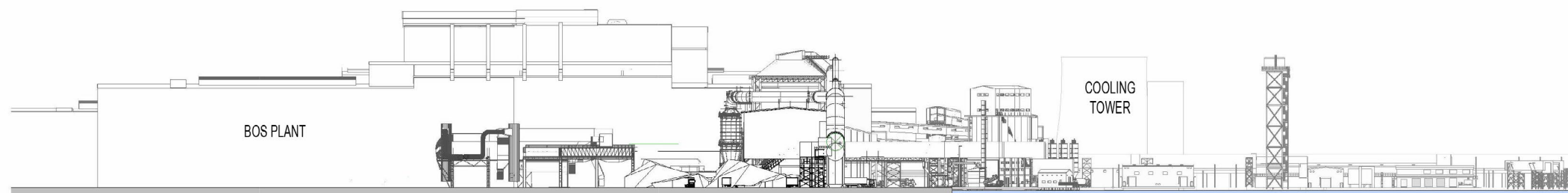
Figure 94: Elevated Service Route (ref: EAF-LAW-X-X-DR-A-063200_P01)



Site Section 01



Site Section 02



Site Section 03

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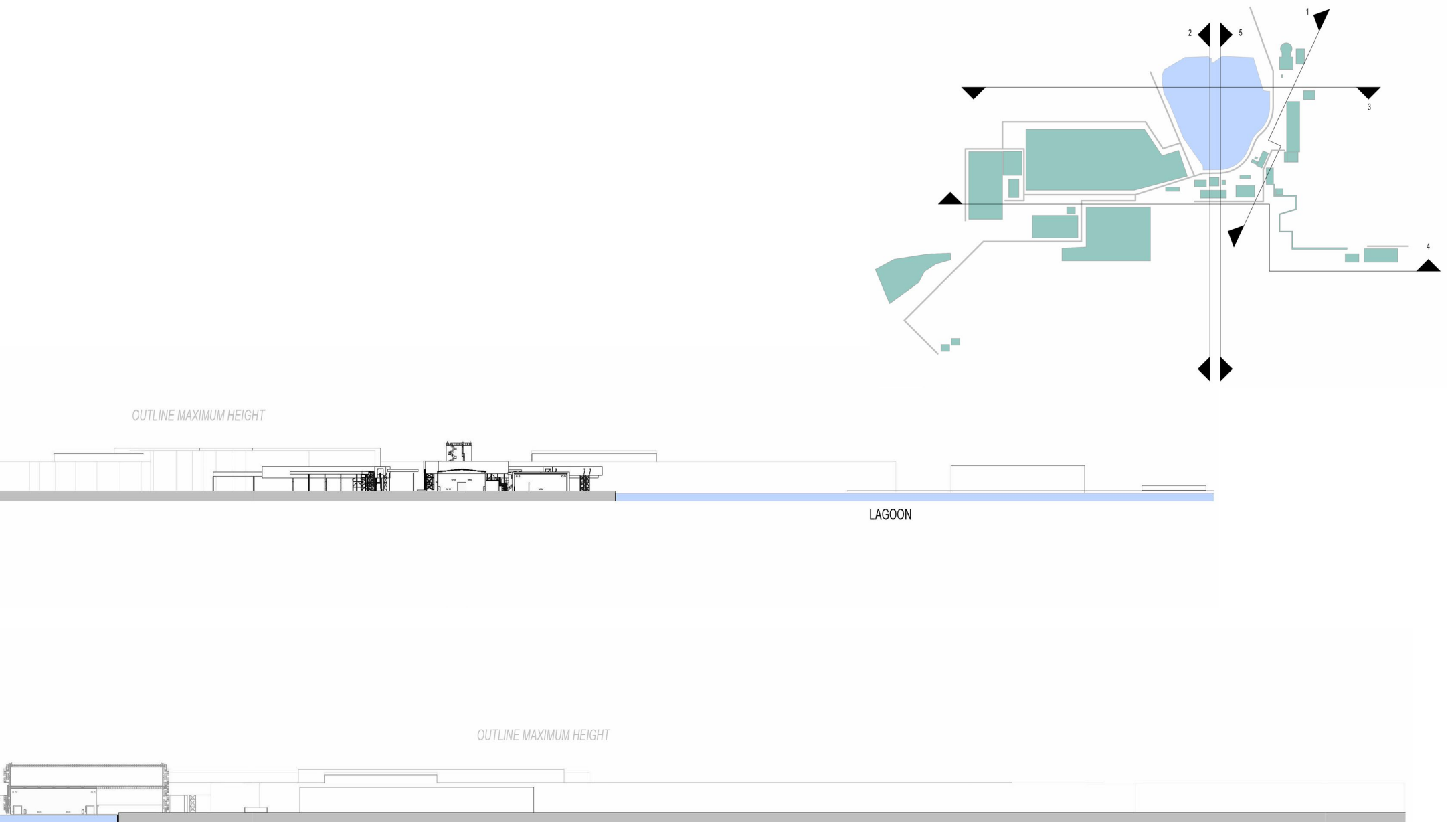
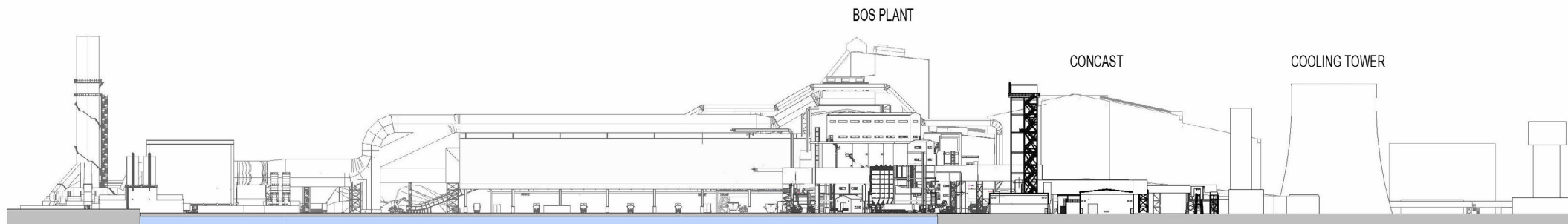


Figure 95: Site Sections (ref: EAF-LAW-X-X-DR-A-063001_P03)

OUTLINE MAXIMUM HEIGHT



Site Section 04



Site Section 05

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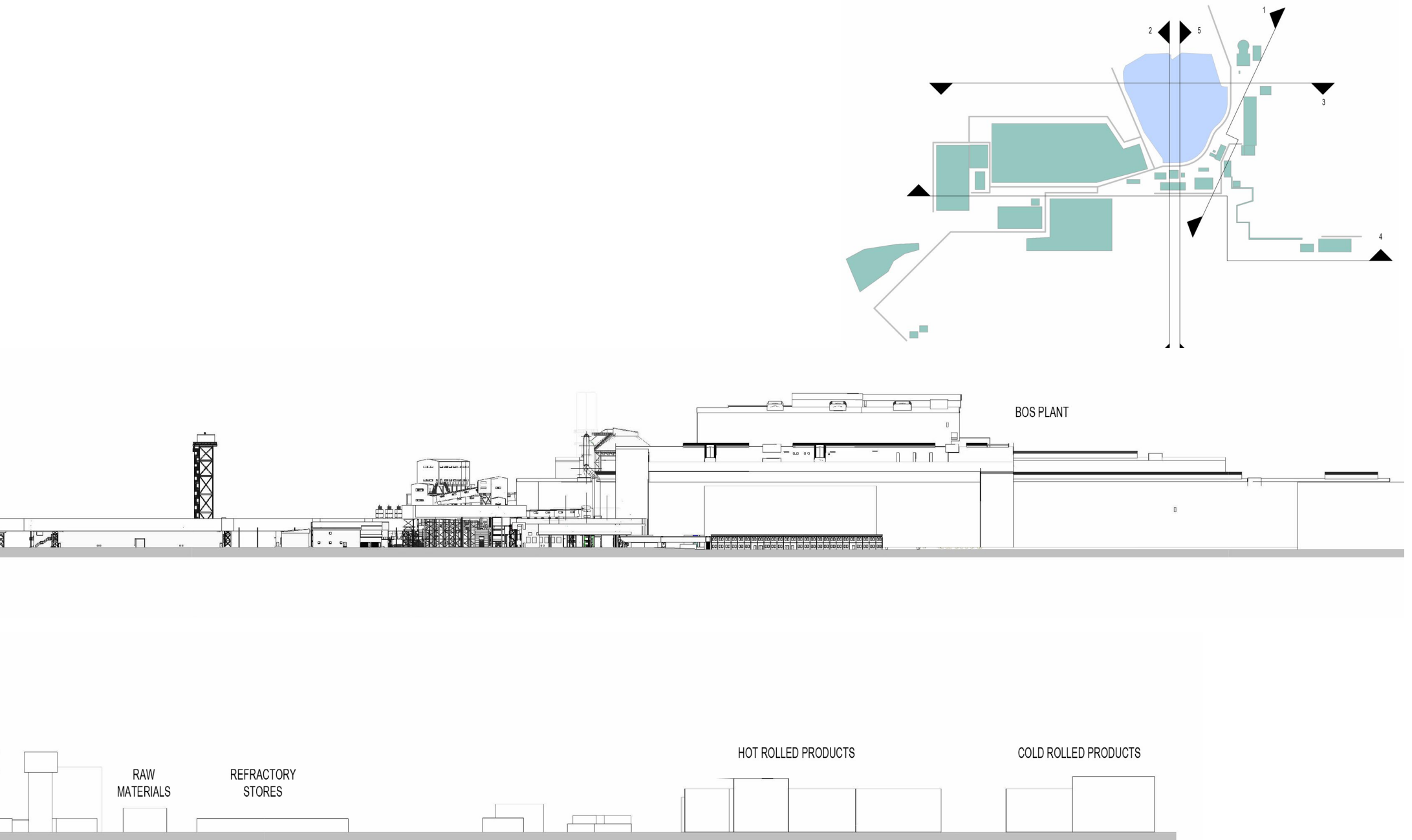


Figure 96: Site Sections (ref: EAF-LAW-X-X-DR-A-063001_PO3)

Materials

The proposed building materials are set out in the following table and reflects the appearance of the existing steelworks.

The materials palettes for the industrial process area are operationally led and reflective of the surrounding existing steelworks. These include metal, galvanised steel and silo materials.

The material for all the units is set to be Tata Steel's Trisomet cladding to walls and roofs, all to be Colorcoat HPS200 Ultra Goosewing Grey (RAL 7038), with the exception of Unit 15 (office and changing block).

Tata Number	Planning Number	Description	Full vs Outline	Walls	Roofs	Materiality	Fenestration	External Railings & Stairs
1	1	Canopy Hood	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
2								
3	2	Consteel Conveyor	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
4	3	Fume Treatment Plant	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
5	4	Shredded Scrap Yard	Full	N/A	N/A		N/A	N/A
6								
7	5	Hot Briquetted Iron Dolo & Lime Bunker	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
8	6	Ferro Alloys Bunker	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
9	7	Fire Water Pump House	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	N/A
10	8	Primary Pump House	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
11	9	Secondary Pump House	Full	Metal Cladding - Goosewing Grey & Concrete	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
12								
13	21	Main Power Centre	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
14	22	Power Compensation Building	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	N/A
15	23	National Grid Compound	Outline	N/A	N/A		N/A	N/A
16	10	Melt Shop Power Distribution Building	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
17	24	Incoming Scrap Yard Electrical Building	Outline	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
18	11	Melt Shop WTP Electrical Building	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
19	12	Melt Shop FEP Electrical Building	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
20								
21								
22								
23								
24	13	Compressor House	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	N/A
25	25	Scrap Storage & Processing Yard	Outline	N/A	N/A		N/A	N/A
26	26	Overflow Scrapyard	Outline	N/A	N/A		N/A	N/A
27	27	Non Ferrous Processing Area	Outline	N/A	N/A		N/A	N/A
28								
29	28	Scanning Facilities	Outline	N/A	N/A		N/A	N/A
30	29	Railway Weigh Bridge	Outline	N/A	N/A		N/A	N/A
31	14	Car Parking Area	Full	N/A	N/A		N/A	N/A
32	15	Changing & Office Block Building	Full	Metal Cladding - Anthracite & Gold - TBC	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
33	16	Emergency Tank	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
34	17	Lagoon Water Pump House	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	N/A
35								
36	18	Green Walkway Extension	Full	N/A	N/A		N/A	Galvanised
37	30	HBI & Pig Iron Storage Area	Full	N/A	N/A		N/A	N/A
38	19	Active Carbon Injection Silos	Full	Silo Material to Specialist Information	Silo Material to Specialist Information		Silo Material to Specialist In	Silo Material to Specialist Information
39	20	Powder Silos	Full	Silo Material to Specialist Information	Silo Material to Specialist Information		Silo Material to Specialist In	Silo Material to Specialist Information
40								
41	31	Charger Bay South Extension	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised
	32	HBI Electrical Building	Full	Metal Cladding - Goosewing Grey	Metal Cladding - Goosewing Grey		PPC - Goosewing Grey	Galvanised



Figure 97: Example of Trisomet roof cladding



Figure 98: Example of Trisomet wall cladding



Figure 99: Trisomet - 'Goosewing Grey'

Materials - Office Building

As a facility which will host meetings and conferences, the design of the Office and Changing Block (Unit 15) contrasts with the industrial appearance of the steelworks. Due to this building intending to be a reclad modular construction, it was decided that a simple variation in colour would be more suitable than geometric variety. The Wernick Swansea University building was identified as a project of similar construction method that displayed desirable aesthetic, and therefore was used as a precedent for developing the office building.

The office building will be clad in the same Trisomet material as the other proposed buildings, in a combination of Anthracite (RAL 7016) and Straw (RAL 080 70 30).



Figure 100: Indicative CGI of the Office & Changing Block



West Elevation



East Elevation



South Elevation



North Elevation



Figure 102: Trisomet - 'Straw'



Figure 103: Trisomet - 'Anthracite'

Figure 101: Proposed Office & Changing Block Elevations