

Demolition and Deconstruction of Stock House Facilities June 2026 Start

OVERALL SITE INFORMATION

1.1	Owner	: TATA STEEL UK
1.2	Plant	: PORT TALBOT PLANT, WALES, UK
1.3	Location	: 51°34'37.12"N 3°46'42.79"W
1.4	Elevation above Mean Sea Level (MSL)	: 2300 M FROM M.S.L

- **JOB DESCRIPTION:** Controlled Deconstruction of No5 Ferrous Stock House, No5 Coke Stock House, In Haul Stock House, Coke Stock House, Pellet Stock House, No4 Coke Stock House, Sub B Substation, Primary Pump House, No4 Coke, Fines bunkers & Conveyors, No4 Charging Conveyors, Civil Buildings, Pipe Supports & Steel work, Stock House Substation, No5 Fines, Coke bunkers & Conveyors, No5 Charging Conveyors, No5 Substation, Coke Conveyors (746 & 741), Pumping Station and Coke and Lime Silos.
- **TIME FRAME:** start date June 2026 and estimated demolition time frame as being 12months (subject to final discussions with chosen contractor)

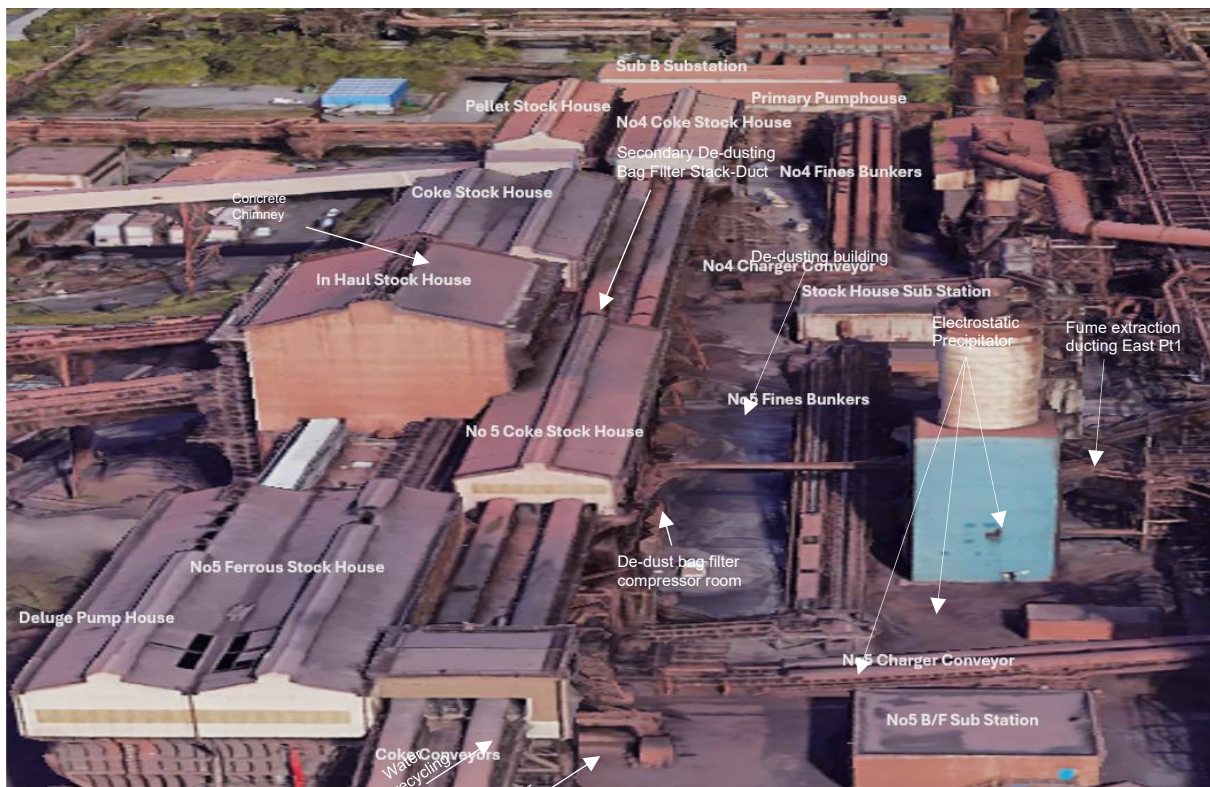


Fig -1: Overview of Phase B

A BRIEF BACKGROUND TO THE REQUIREMENT FOR THE WORK

The Stock Houses have been in use over the decades to agglomerate fine iron ore particles, along with other materials such as coke and fines.

This requirement pertains to the complete deconstruction of the site, including the Stock Houses, Bunkers, Conveyors, equipment, buildings, and building items such as glass, asbestos, timber, felting etc. The area is then to be graded and cleared of all items.

All plant, equipment, civil, and mechanical structures will be de-energized and isolated by Tata. However, the contractor must ensure that a safe method of deconstruction is identified, managed, and executed in line with safe working practices. A detailed program is to be developed upon receipt of the purchase order. An outline program has been provided for informational purposes only and should not be considered indicative of the exact time frame.

The deconstruction process will involve cutting the structural steel into manageable sizes, with a maximum dimension of 1.5m (1500mm) x 0.3m (300mm) and a maximum weight of 1.5 tonnes. The preferred method of deconstruction is cutting with a mechanical shear to minimize personnel interaction with the process. RFID chips will be provided to all personnel and positioned at key areas to alert machine operators of any encroachment, automatically ceasing operations. Explosives will be used for the Stock Houses demolition process.

All materials (light and heavy scrap) will be clearly segregated and stored in an allocated area (refer to the diagram provided) near the working site. The contractor will oversee the safe stacking and loading of materials into vehicles.

The Total demolition of the buildings are to be managed appropriately and are to be surveyed for contaminated materials prior to work starting. A demolition asbestos survey will be undertaken and all results given to the Principal Contractor to ensure that all Hazardous materials are identified, quantified, removed and disposed of in accordance with legislation. The asbestos will be transported to the internal asbestos cells managed by Tata preferred contractor and all disposal notes made available to Tata.

All buildings will be demolished by mechanical excavator grab/cutting machinery (Non-Explosive method) with rubble being filtered by the principal contractor and disposed of again within legislation. This would be sent to Tata recycling centre for further processing: all disposal notes will be made available to Tata.

Noise monitoring will be carried hourly using fixed real time data monitoring systems installed by the principal contractor, the reading would be available to Tata at any time should the necessity prevail. The normal working hours will be from 07:00 to 19:00 Monday to Friday, 07:00 – 18:00 Saturday and 07:00 – 16:00 Sunday.

A dust suppression system using domestic aspirated water will be employed to prevent the risk of Legionella. A full risk assessment will be carried out by the principal contractor and shared with Tata.

All Lego blocks will be transported to Tata recycling centre for any further processing or storage for use elsewhere.

All building materials will be removed from the site.



Fig 2: Phase Layout drawing (Indicative only)

Scrap/Cutting and Storage Area:

Sizeable materials will be removed from the deconstruction area and transported to the segregated scrap reclamation area; these materials will be further processed by mechanical means (Shears) into allocated sizes and stored in readiness for collection. There is no requirement to ring-fence the site as it will be processed in-situ and within a segregated boundary area. These defined areas are already in place with hard standing and compacted ground. This is to also ensure that there is no encroachment into/onto any other areas within the existing ring fenced site.

Table 1. CONVEYOR STEEL STRUCTURE - PHASE B

S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
1	Conveyor 745	1200	330	3.4	1.2	620	8.9	Removed
2	Conveyor 741	1200	295	3.4	1.2	620	7.9	Removed
4	Conveyor 747	1200	230	3.4	1.2	620	6.2	In Place
5	Conveyor 742	1200	230	3.4	1.2	620	6.2	In Place
6	Conveyor 748	1200	330	3.4	1.2	620	8.9	In Place

7	Conveyor 743	1200	330	3.4	1.2	620	8.9	In Place
8	Conveyor 782	1200	115	3.4	1.2	620	3.4	In Place
9	Conveyor 796	800	75	9.78	0.8	270	3.2	In Place
10	Conveyor 781	1000	70	13.1	1.0	375	2.1	In Place
11	Conveyor 780	1000	110	13.1	1.0	375	3.3	In Place
12	Conveyor 791	800	90	9.78	0.8	270	1.4	In Place
13	Conveyor 783	1200	180	3.4	1.2	620	5.4	Removed
14	Conveyor 784	1200	180	3.4	1.2	620	5.4	Removed
15	Conveyor 720	1200	200	3.4	1.2	620	6.0	In Place
16	Conveyor 714	1200	200	3.4	1.2	620	6.0	In Place
17	Conveyor 779	1200	110	3.4	1.2	620	3.3	In Place
18	Conveyor 790	800	90	3.4	0.8	270	1.4	In Place
19	Conveyor 792	800	90	9.78	0.8	270	1.4	In Place
20	Conveyor 793	800	200	9.78	0.8	270	3.2	Removed
21	Conveyor 718	1200	60	3.4	1.2	620	1.8	In Place
S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
22	Conveyor 712	1200	60	3.4	1.2	620	1.8	In Place
23	Conveyor 736	1200	30	3.4	1.2	620	0.9	In Place
24	Conveyor 728	1200	30	3.4	1.2	620	0.9	In Place
25	Conveyor 782	1200	115	3.4	1.2	620	3.4	In Place
26	Conveyor 796	800	75	9.78	0.8	270	1.2	In Place
27	Conveyor 781	1200	70	3.4	1.2	620	2.1	In Place
28	Conveyor 797	800	46	9.78	0.8	270	0.7	In Place
29	Conveyor 793	800	200	9.78	0.8	270	3.2	Removed
30	Conveyor 798	800	190	9.78	0.8	270	3.0	Removed
31	Conveyor 719	1200	240	3.4	1.2	620	7.2	In Place

32	Conveyor 713	1200	240	3.4	1.2	620	7.2	In Place
33	Conveyor 760	1200	110	3.4	1.2	620	3.3	In Place
34	Conveyor 773	800	85	9.78	0.8	270	1.3	In Place
35	Conveyor 759	1200	110	3.4	1.2	620	3.3	In Place
36	Conveyor 779	1200	110	3.4	1.2	620	3.3	In Place
37	Conveyor 763	1200	180	3.4	1.2	620	5.4	Removed
38	Conveyor 764	1200	180	3.4	1.2	620	5.4	Removed
39	Conveyor 774	800	75	9.78	0.8	270	1.2	In Place
40	Conveyor 771	800	90	9.78	0.8	270	1.4	In Place
41	Conveyor 777	800	45	9.78	0.8	270	0.7	In Place
42	Conveyor 775	800	175	9.78	0.8	270	2.8	Removed
43	Conveyor 772	800	190	9.78	0.8	270	3.0	Removed
S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
44	Conveyor 778	800	190	9.78	0.8	270	3.0	Removed
45	Conveyor 762	1200	115	3.4	1.2	620	3.4	In Place
46	Conveyor 776	1200	75	3.4	1.2	620	1.2	In Place
47	Conveyor 761	1200	70	3.4	1.2	620	2.1	In Place

BUILDINGS/CONVEYORS

Items to be Removed



Pellet Stock House



Coke & In Haul Stock House



No5 Ferrous Stock House



Charging Conveyors



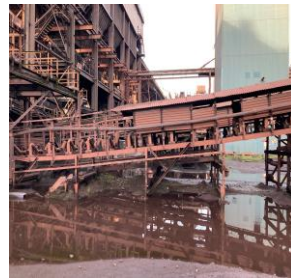
No4 Fines & Coke Bunker



No5 Fines & Coke Bunkers



No5 Charging Conveyors



No4 Charging Conveyors



Deluge Pump House & Sump



**Stock House Compressor
& Dust Suppression**



Sub B Substation



BF 4 Stock House Sub



BF4 Stock House Sub Transformers



BF5 Stock House Sub

InHaul Contactor Room



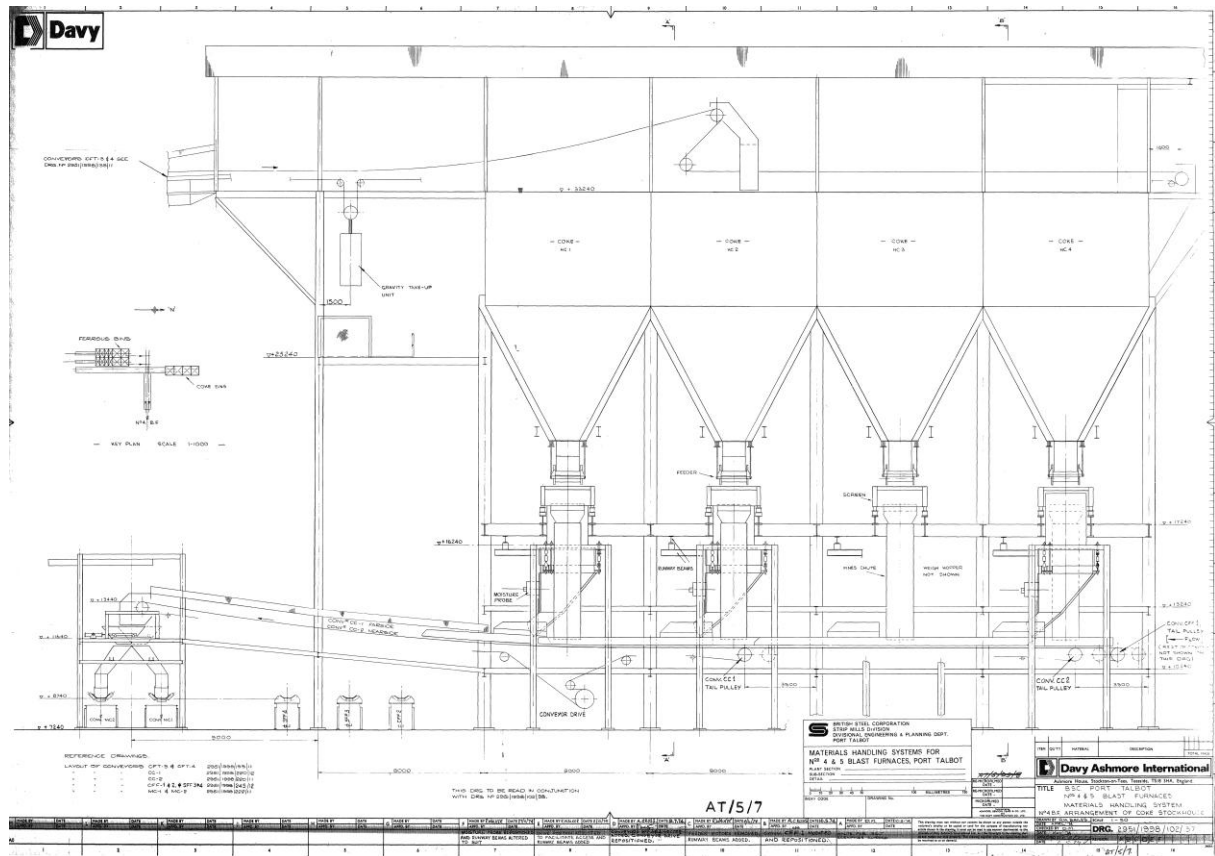
Hydraulic Rooms



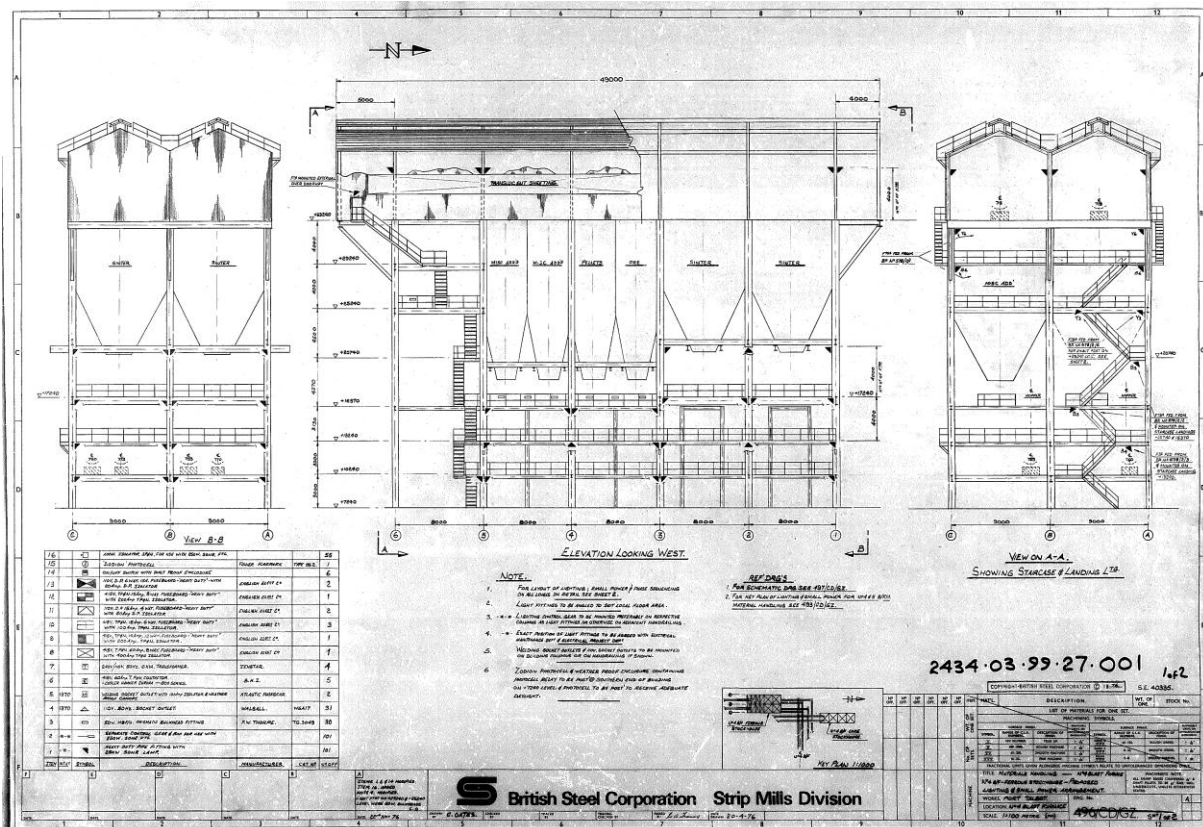
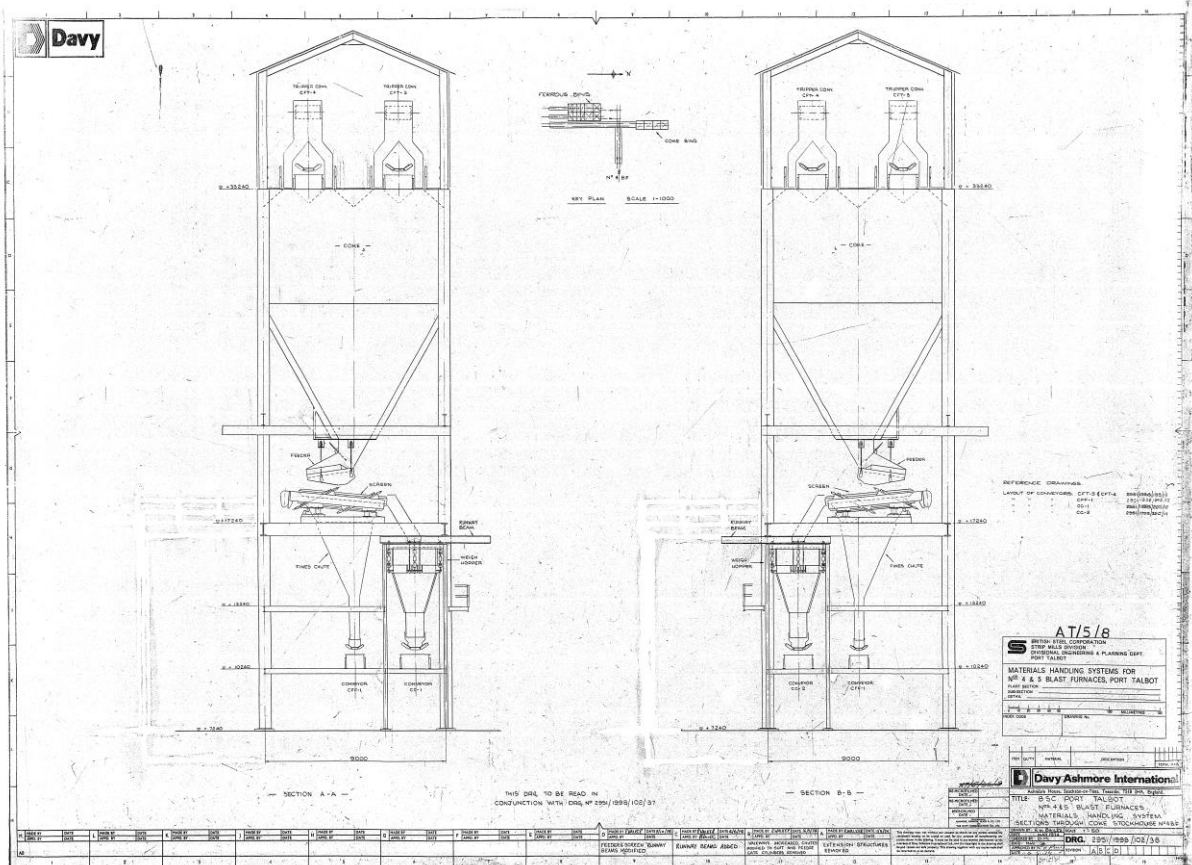


Dust Suppression buildings

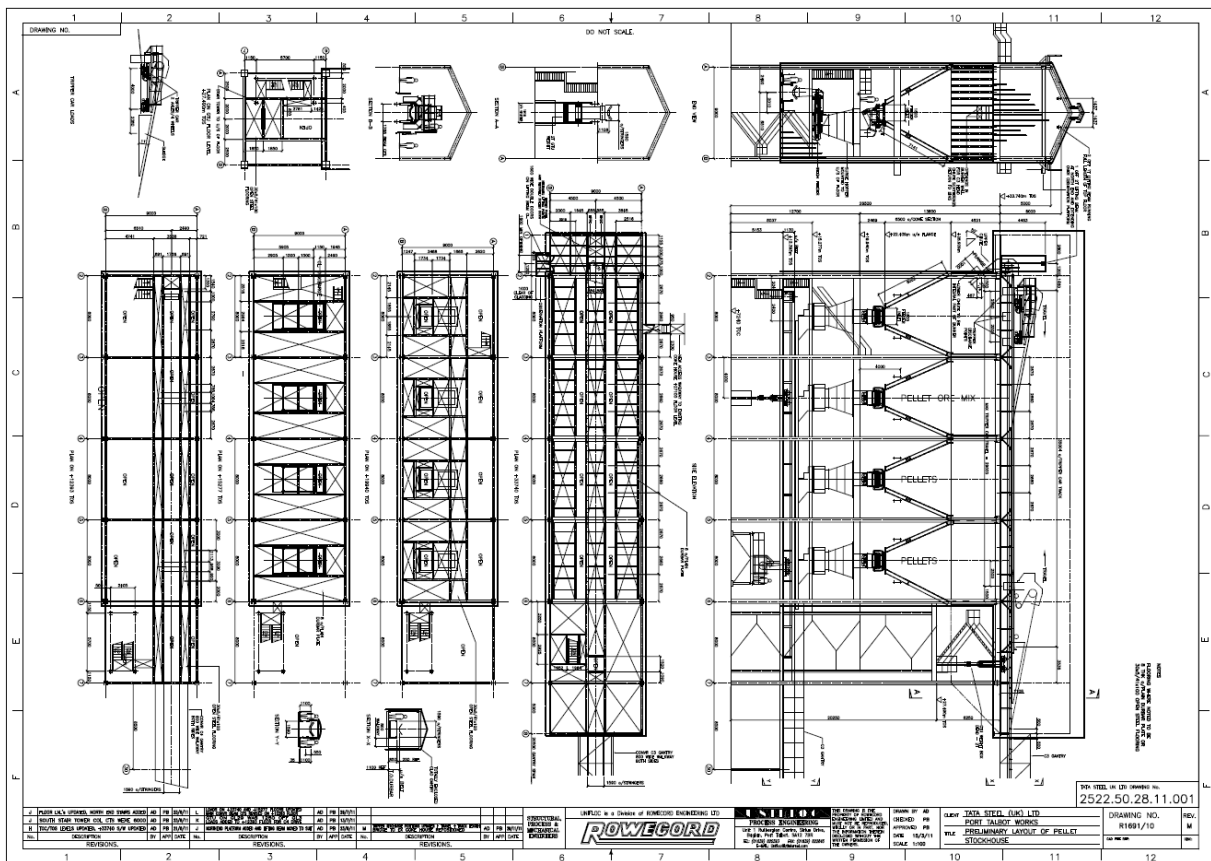
Drawings



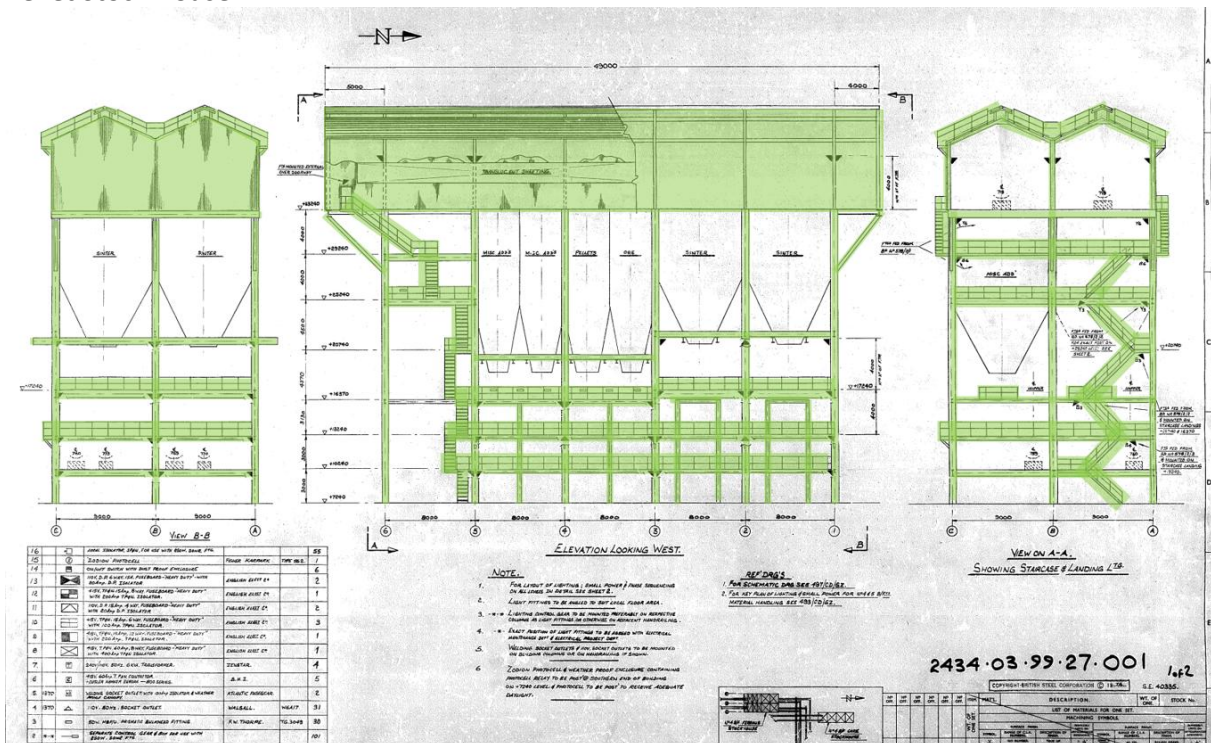
Coke Stock House



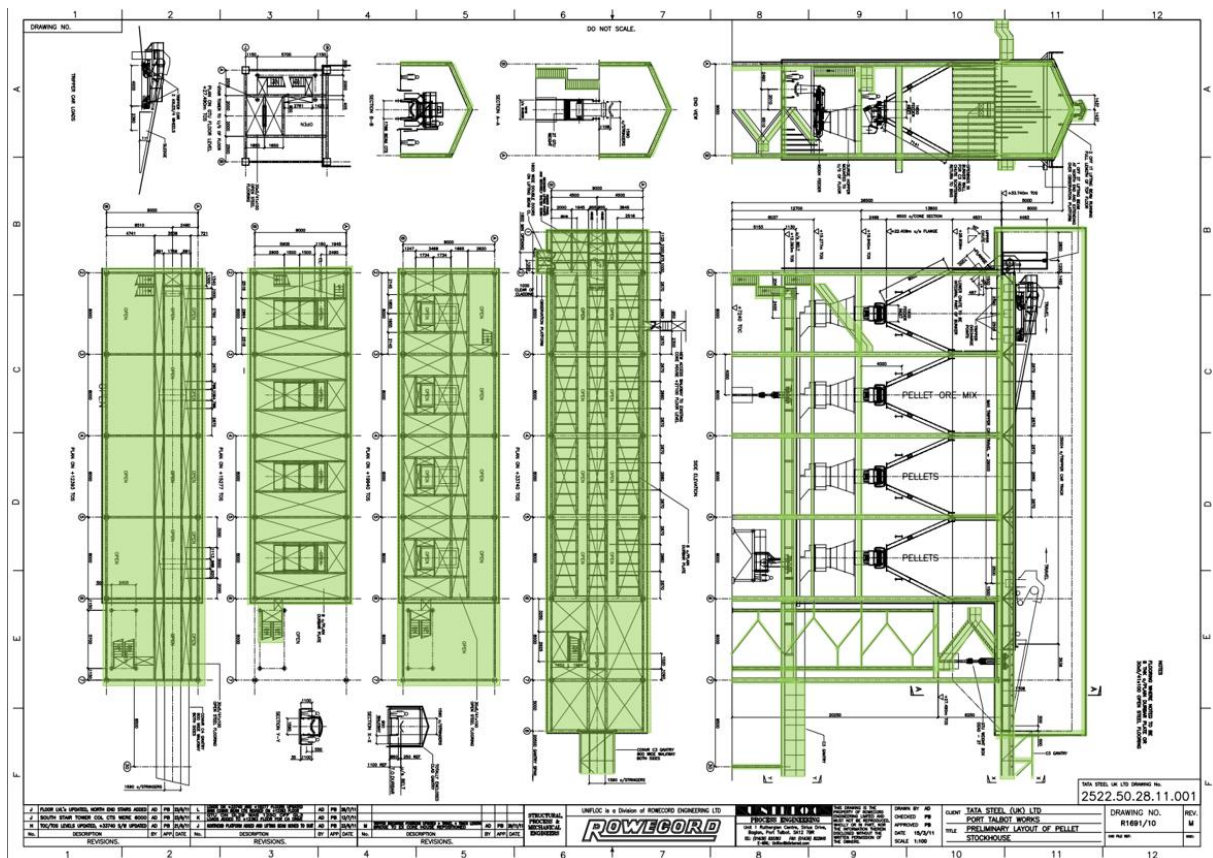
Ferrous Stock House



Pellet Stock House



Ferrous Stock House



Ferrous Stock House