

Demolition and Deconstruction of Sinter Plant Area (Application 9, Phase A to H) April 2026 Start

OVERALL SITE INFORMATION

1.1	Owner	:	TATA STEEL UK
1.2	Plant	:	PORT TALBOT PLANT, WALES, UK
1.3	Location	:	LATITUDE 51.590 N, LONGITUDE 3.780 E
1.4	Elevation above Mean Sea Level (MSL)	:	12.00 M FROM M.S.L

JOB DESCRIPTION: Controlled deconstruction and clearance of multiple industrial conveyors, junction houses, processing buildings, auxiliary structures, wheel wash, civil works, and associated equipment in Sinter Plant and all associated foundations down to slab level.

The Sinter plant is split into 8 phases for the purpose of ease of quantification, Phases A to H. The project will be dismantled/demolished by varying options which, have been reviewed to consider both mechanical and use of high intensive explosion techniques.

The demolition includes :-

Phase A - Controlled Deconstruction of the conveyor 885, 886, and part of conveyor 753 and its junction house 884/886, 752/753, equipment, structures, civil buildings, the removal of all the loose items from the area and grading of land.

Phase B - Controlled Deconstruction of the conveyor 887, its junction house, electrostatic precipitators, concrete stack ducts, steel stack duct, blower house, compressor house, water recycling tower, equipment, structures, civil buildings, glasses, timber and the removal of all the loose items from the area and grading of land.

Phase C -Controlled Deconstruction of the rod mill building, conveyors 1080,1081,1082,1083,1084,1085,1086,1088, junction house, pipes, trestles, pipe bridges equipment, structures, glasses, timbers and the removal of all the loose items from the area and grading of land.

Phase D - Controlled Deconstruction of the Sinter Plant building, Conveyors, junction houses, equipment, structures, civil buildings, the removal of all the loose items from the area and grading of land.

Phase E - Controlled Deconstruction of the Sinter Plant admin building, heat tanks and stand, abandoned cabins, equipment, structures, civil buildings, the removal of all the loose items from the area and grading of land.

Phase F - Controlled Deconstruction of Conveyor 1402 and junction house 1401/1402 , equipment, structures, civil structures, the removal of all the loose items from the area and grading of land.

Phase G - Controlled Deconstruction of the Coke bunker, Conveyors, junction houses, equipment, structures, civil buildings, the removal of all the loose items from the area and grading of land.

Phase H - Controlled Deconstruction (Except of Sewage Pumping Station) of the RM office building & workshop, contractors workshop & stores, cooling tower, pump house, abandoned cabins, equipment, BOS Gas pipe line & supporting structure, pipe works, civil buildings, the removal of all the loose sundry scraps items, Lego blocks, Heras fencing, newly installed green fencing etc. from the area and grading of land.

TIME FRAME: start date April 2026 and estimated demolition time frame is up to 15 months (subject to final discussions with chosen contractor)



Fig -1: Overview of Sinter Plant Area (Phase A to H)

A BRIEF BACKGROUND TO THE REQUIREMENT FOR THE WORK

The Sinter Plant has been in use over the decades to agglomerate fine iron ore particles, along with other materials such as fluxes and coke fines, into larger, porous, and solid lumps known as sinter. These sintered lumps are ideal for feeding into a blast furnace because they improve efficiency and productivity. This requirement pertains to the complete deconstruction of the site which is mentioned above in phase A to H.

All plant, equipment, civil, and mechanical structures will be de-energized and isolated by Tata. However, the contractor will 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 0.6m (600mm) 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 Sinter Plant main building (Phase-D) & concrete chimney (Phase-B) only.

All materials (light and heavy scrap) will be clearly segregated and stored in an allocated area (refer to Fig. 2 to 8 as marked as laydown area in yellow colour) 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. The historic asbestos reports have been given to the contractor during the tender stage & has been accounted for in their removal proposal (Unable to attach the current asbestos reports due to its big size, may be send separately if necessary). There is however, presently the demolition asbestos survey has started & ongoing. Once the reports are in place, all results will be shared with demolition contractor & Principal Contractor to ensure that all Hazardous materials are identified, quantified and has to be removed & 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.

The project will be dismantled/demolished by varying options which, have been reviewed to consider both mechanical and use of high intensive explosion techniques. Certain buildings/assets will be beyond the capability of using mechanical means initially the chosen methodology (Controlled Blowdown vs Dismantle in Sections via Crane & shear excavator) has been reviewed as per details below; this considers the main Sinter plant building, the rod mill and inclined conveyors however where possible the methodology may change to mechanical means if possible; this is to be defined by the contractor engaged to carry out the work and detailed during their 'Construction Phase Plan.

Proposed Methodologies

Following an assessment of the two viable options to demolish the Sinter Plant, a controlled blowdown has been identified as our chosen method. Note the comparative assessment below: Method			
	Benefits	Disadvantages	Discussion
Blow-down / Explosive Demolition	Reduced work at height on completion of enabling / preparation works.	risk of flying debris from explosive demolition.	Risk of flying debris mitigated through designed exclusion zone.
	Significantly improves time to demolish, compared with other considered methods.	Debris throw from charges and air blast.	Dust releases mitigated by water suppression.
	Noise, dust and vibration emissions are not prolonged duration – nuisance to stakeholder groups and exposure to site team.	Direction of fall.	Using kick charges will allow separate time delays to be used to minimise air blast.
	No requirement for manual working on completion of preparation works.	Risk to stakeholders and persons straying into exclusion zone.	Risk to stakeholders and persons straying into exclusion zone mitigated through use of hard barriers, positioning of sentries, with line of sight, radio contact, emergency procedure, checking process and drone with infra-red camera.
	No requirement for SIMOPS.	Road closures required within footprint of work site and within wider TATA Steel site external to work site.	
	Similar Blowdown Method and design has been utilised on similar sinter plant projects throughout the UK and has proven to be successful.		
Dismantle via crane, in sections	Poses no significant risk to other contractors working external to the CDM area.	Extensive working at height to prep via crane and man basket or MEWP.	Prolonged method of demolition.
	No risk of flying debris during blowdown.	Loss of structural stability in the gas holder once crown is removed.	Technique is weather dependent which is likely to cause extensive delays.
		Weather exposure when working at height.	
		Prolonged working at height.	
		Operative / operator exposure to HAVS.	
		Manual handling.	
		Operative / operator Exposure to noise.	
		SIMOPS.	
		Potential exposure of operatives to residual substances.	
		Potential for unknown historic voids / areas of weak ground.	

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 to 18:00 Saturday and 08:00 to 16:00 on Sunday. No work will be carried out on public holiday.

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 & stone rocks 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.

Scrap/Cutting and Storage Area:

Sizeable materials will be removed from the deconstruction area and transported to the segregated scrap reclamation area highlighted in the Yellow boxes below; these materials will be further processed by mechanical means (Shears) into allocated sizes and stored in readiness for collection. The scrap processing will be carried out within the CDM fencing boundary. 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.

Laydown area in different Phases



Fig 2: Lay down area (Marked in Yellow Box) – Phase A



Fig 3: Lay down area (Marked in Yellow Box) – Phase B



Fig 4: Lay down area (Marked in Yellow Box) – Phase C



Fig 5: Lay down area (Marked in Yellow Box) – Phase D & E



Fig 6: Lay down area (Marked in Yellow Box) – Phase F



Fig 7: Lay down area (Marked in Yellow Box) – Phase G



Fig 8: Lay down area (Marked in Yellow Box) – Phase H

BOQ of Sinter Plant (Phase A to H)

Phase A

Table 1 CONVEYOR STEEL STRUCTURE - PHASE A

S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
1	Conveyor 885 (shuttle conveyor)	1400	12.25	0.915	1.57	142	1.74	Included in Junction house 884/886
1	Conveyor 886	1400	380	0.915	1.752	142	54	Inclined drive end section of conv.
2	Conveyor 753	1400	50	2.806	1.59	142	7.1	Inclined drive end section of conv.

Table 2: STEEL STRUCTURES & EQUIPMENT (Phase A)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Junction of Conv. 884/886	14.25	6.8	14.4	223	
2	Conveyor 886 trestles (11nos)		3.7	10.65		
2	Transfer House 1 752/753	6.5	5.4	14	2.5	

Table 3: CIVIL STRUCTURES – Phase A

Sl. No	Item Description	Nos.	Length (m)	Width (m)	Height (m)	Remark
1	Abandoned Civil building 1	1	11	9.25	3	
2	Abandoned Civil building 2	1	9	5	3	
3	Lego Spillage yard		35		2	

Phase B

Table 4. 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 887	1400	100	0.915	1.752	142	110	Inclined drive end section of conv.

Table 5. STEEL STRUCTURES & EQUIPMENT (Phase B)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Secondary De-dusting Bag Filter Stack-Duct (Steel Chimney) + Staircase		5	55	118	
2	Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1	80	4.625 dia		112	

3	Water recycling Unit	12	8	5	26	
4	Concrete Stack (Chimney) Fume Extraction Ducts	60.4	4.8	4.2	86.5	
5	Electrostatic Precipitator (3nos)	33	19	23.5	561	
6	Junction House 1	10	8.5	10	110	
7	Precipitator Fume Extraction Duct to Sinter Plant	45	4.0	4.612	65	
8	Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1 Tower S5	5.4	3.5	15	10	
9	Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1 Tower S6	5.5	3.25	15	10	
10	Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1 Tower S7	5.4	3.5	15	10	
11	Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1 Tower S8	5.4	2.5	15	10	
12	Secondary De-dusting Bag Filter Pipe Bridge	17.4	1	8.1	7.5	
13	Secondary De-dusting Bag Filter staircase	5.39	2.57	20.17	15	
14	De-Dust bag filter compressor pump room	11.2	8.45	4		

Table 6: CIVIL STRUCTURES – Phase B

Sl. No	Item Description	Nos.	Length (m)	Width (m)	Height (m)	Remark
1	Concrete Sinter Plant Stack (Chimney)	1		7	132	
2	Blower/Fan house building	1	48	15.5	27	
3	North Precipitator Transformer Pens (DT 366/367 & DT 368/369)	2	7.655	3.885	3.775	
4	Centrifugal Fan-Soundproofing Cabin Concrete Pedestal	1	5.75	4.4	1.65	
5	Centrifugal Fan-Soundproofing Cabin	1	5.75	4.4	3.279	

Phase C

Table 7. CONVEYOR STEEL STRUCTURE - PHASE C

S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
1	Conveyor 1080	800	81	0.915	1.752	600	23	Inclined drive end section of conv.
2	Conveyor 1082	1	80	0.915	1.262	700	56	Inclined drive end section of conv.

3	1081	860	6.450	0.77	1.262	600	9	Inside Junction house 1080/1082
4	Conveyor 1083	800	14.7	.825	1.17	600	8.82	Inside Rod mill Building
5	Conveyor 1084	800	17.58	.685	1	461	8.1	Inside Rod mill Building
6	Conveyor 1085	800	28.7	3.36	1.17	700	20	Inside Rod mill Building
7	Conveyor 1086		12.4	1.75	1.36	461	5	
8	Conveyor 1088		6.22	4	1.25	461		

Table 8: STEEL STRUCTURES & EQUIPMENT (Phase C)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Rod Mill Building	37	13.5	13.7	860	
2	Junction House 5	6.72	3.29	20	45	
3	BOS Gas Pipeline (1.25m dia)	170	1.25 dia		58	
4	BOS Gas Pipeline Bridge	50	4.8	4.2	27	
5	BOS Gas Pipeline Bridge Support (NG18 & NG20)	50	4.8	14	7	
6	BOS Gas Pipe support NG25 Loop (LT86)	4	3	8	4	
7	BOS Gas Pipe support NG25 Loop(LT156) (2nos)	2.5	2	8	5	
8	BOS Gas Pipe support NG26	4	4.8	6	6	
9	BOS Gas Pipe support NG21-NG24 &27 (4nos)	4	4.8	8	8	
10	Conv. 1080 Trestle (5nos)		6	6.61	5	
11	Conv. 1082 Trestle (4nos)		6.5	14.11	30	
13	Coke Offloading Hopper (2nos)	8	4	6	36	
12	800mm dia Pipeline	100	0.8mm dia		18.8	
13	Pipe bridge for 800mm dia	25			7	

Table 9. CIVIL STRUCTURE - PHASE C

S.No	Item	Length (m)	Avg. Height (m)	Width (m)	Remark
1	Part of Coke Offloading Ramp	11	6	10.5	
2	Spillage Yard Lego Blocks	30	2		

Phase D

Table 10. CONVEYOR STEEL STRUCTURE - PHASE D

S.No	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Average Wt. (Kg/m)	Total (Te)	Remark
1	Conveyor 711	800	40	9.78		270	26.31	
2	Conveyor 716	800	40	9.78		270	26.31	
4	Conveyor 887	1000	81	13.1	1.5		59.63	
5	Conveyor 888	1000	44	20.75	1.37		42.88	
6	889	860	29.35	1.72	1.57		26.25	
7	Conveyor 957	500	11.1	4.69	610	350	3.885	Chain Conveyor
8	Conveyor 958	500	15.4	5.27	610	350	5.39	Chain Conveyor
9	Conveyor 959	500	23.1	7.9	610	350	8.085	Chain Conveyor
10	Conveyor 1001	1000	87	6.3	1.17		21.25	Gravity Conveyor
11	Conveyor 1002	1000	40.5	4.7	1.37	375	15.19	Inclined Screen conveyor
12	Conveyor 1003	1200	19.1	1	1.57	650	12.42	Shuttle Conveyor
13	Conveyor 1004	1200	21.	3.4	1.57		13.13	
14	Conveyor 1005	1200	3.7	3.7	1.65		162	
15	Conveyor 1006	1200	27	2.4	1.57		15.75	
16	Conveyor 1007	1400	8.8	1	1.77	650	5.72	
17	Conveyor 1008	2200	5.4	2.21	6.3	400	2.16	Screen conveyor
18	Conveyor 1009	3500	8.1	2.21	4.3	400	3.24	Screen conveyor
19	Conveyor 1015	1000	94.95	1.01	1.02	370	35.13	
20	Conveyor 1016	1000	21.43	1.01	1.02	370	7.929	
21	Conveyor 1018	440	8.561	.6	440	350	2.996	Vibro-feeder conveyor
22	Conveyor 1020	2	2.42	2.4	3	350	0.847	Vibro-feeder conveyor
23	Conveyor 1021	1200	41	2.5	2	370	15.17	

24	Conveyor 1022	1200	21.5	13	1.57	330	7.095	
25	Conveyor 1025	800	12.45	1.08	1.37	330	4.109	
26	Conveyor 1026	1000	25	15	1.37	875	21.88	
27	Conveyor 1027	1000	191.3	15	1.37		111	
28	Conveyor 1028	1000	51.4	13.5	1.37	350	47.5	
29	Conveyor 1031	1938	7.48	1.01	1.02		2.618	Vibro-feeder conveyor
30	Conveyor 1032	800	90.95	4.38	1.26		12.75	
31	Conveyor 1034	650	15.08	4.69	1.6		67.5	
32	Conveyor 1035	650	102.4	29.5	1.5	330	15.75	
33	Conveyor 1036	650	28.29	1.68	1.02	330	9.336	
34	Conveyor 1057	450	26.64	.91	.493	330	8.791	
35	Conveyor 1059	650	51.66	5.89	850	370	17.05	
36	Conveyor 1062	650	116.5	1	1.02	330	43.11	
37	Conveyor 1064	650	18.376	2.97	1.02		6.064	
38	Conveyor 1065	650	103.01	5.65	1.02		29.75	
39	Conveyor 1066		64.15	2.323	1.876		21.25	
40	Conveyor 1089	800	72.82	11.4	1.17		32.25	
41	Conveyor 1090	800	43.7	7.9	1.25		33.83	
42	Conveyor 1091	800	137.63	16	1.1	350	69.88	
43	Burnt Lime conveyor 1	650	15.363	4.38	0.93	350	5.377	
44	Burnt Lime conveyor 2	650	18.2	5.35	0.93	350	6.37	
45	Burnt Lime Weigh feeder conveyor	1000	4.23	1.65	3.2		1.481	

Table 11: STEEL STRUCTURES & EQUIPMENT (Phase D)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Fume Extraction Ducting East (Part 2) to De-Dusting Precipitator	119.13			214	

2	De-Dusting Precipitator	19.86	18.26	18	187	
3	De-Dusting Precipitator inlet and exit plenum (2nos)	9.157	3.977	3.98	31.2	
4	De-Dusting Fume Extraction Ducting from Precipitator Including to Chimney	122	4.625 dia		214	
5	Burnt lime bin building	19	14	27.3		
6	Burnt lime building crusher house	6.5	5	8.75		
7	Burnt lime bin	8	8	12.34		
8	De-Dusting to Lime and Fine Return Bunker	8	8	26.5	328	
9	Platform over Sampler -Transfer house for conv. 1027	4.67	2.69	4.61		
10	Mixing Drum Rolling Drum & Chimney and frame	24	4.05	5.7	75	
11	Junction House 1027/1028	6	6	13.04	289	
12	Junction House over 1026/1027	7	7	7		
13	Junction House over 1004/1005	9	6	8		
14	Junction House 887 to 888	7.5	6	8.8		
15	Junction House 1089/1090	4.6	3.7	14		
16	Junction House 1090/1091	7	6	21		
17	Sinter Cooler/Bull Ring and Structure		45m dia	10	383	
18	Sinter Plant Building	185	56.5	47.5	5349	
19	Limestone Hopper	7	6	8	25	
20	Coke and Lime Silo (2nos)	20	3m dia		14.7	

Table 12. CIVIL STRUCTURE - PHASE D

S.No	Item	Length (m)	Avg. Height (m)	Width (m)	Remark
1	Offloading Ramp	11	6	10.5	
2	Lego Blocks	30	2		
3	Civil Buildings under conveyor 1089 (1)	10	3	4	
4	Civil Buildings under conveyor 1089 (2)	6.7	3	4	
5	Civil Buildings by de-dusting precipitator (1)	15	5	6.5	

6	Civil Buildings by de-dusting precipitator (2)	2	2.2	2	
7	Concrete support to De-dusting duct fan motor	15	2	5.2	
8	Rectifier/Transformer house 1	25.5	14	7	
9	Rectifier/Transformer house 2	51	7	7	

Phase E

Table 13: STEEL STRUCTURES & EQUIPMENT (Phase E)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Sinter Plant Admin Building	69	19.2	13		
2	Sinter Plant Workshop	48.5	16.5	11		
3	Heating tanks (3nos)	11	9	1.5		
4	Container cabin	6.1	2.4	2.59		
5	Sinter plant boiler stack		1.2m dia	18		
6	Light Tower	3.05	3.05	40.7		
7	Street light poles (4nos)			5.5		
8	Road Barrier	82		.6		

Table 14. CIVIL STRUCTURE - PHASE E

S.No	Item	Length (m)	Avg. Height (m)	Width (m)	Remark
1	Heating Tank concrete stand	11	1.5	9	
2	Lego Blocks				

Phase F

Table 15: STEEL STRUCTURES & EQUIPMENT on Phase F

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Conveyor 1402	320	1.35	1	135	
2	Junction house 1041/1042	4.5	4	5	7.5	
3	Conveyor head drum frame support	6	4.5	2		

Table 16. CIVIL STRUCTURE - PHASE F

1	Concrete base	6	6	1.5	
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Phase G

Table 17. CONVEYOR STEEL STRUCTURE - PHASE G

	Item	Belt Size (mm)	Length (m)	Avg. Height (m)	Width (m)	Avg Wt. (Kg/m)	Total (Te)	Remark
1	Conv 734		14.5	1.5	1.7		5.4	
2	Conv 726		23.66	1.5	1.7		8.64	
3	Conv 727		285	18.5	1.7		134.18	
4	Conv 735		285	18.5	1.7		134.18	
5	Conv 731		32.3	1.2	1.5		13.44	
6	Conv 711	800	100	9.78	1.39	270	62	
7	Conv 716	800	100	9.78	1.39	270	62	
8	Conv 753		450	16.3	1.5		214.2	

Table 18: STEEL STRUCTURES & EQUIPMENT (Phase G)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Ore Feeder and frame (2nos)	2.54	2.04	4.35	47.6	
2	Wheel Wash	6.5	5		12	
3	Transfer Platform for Conv. 731	5.07	4.67	2.5	26.4	
4	Junction house 731/735	4.45	3.5	3	4.77	
5	Conveyor 711/716 GTU	12	7.5	8.5	26.78	
6	Conv 1028 support	6	6	12	2.5	
7	Electrical control kiosk by Conv. 735	2	.45	2.5		
8	Electrical control kiosk by Conv. 731	3.3	2.5	2.5		
9	BOS Pipeline	130	1.25		38.47	
10	Pipe support LT86	4.6	3	8	6	
11	Pipe support LT156	5	2	8	6	
12	Pipe bridge	42	4.8	4.2	16.72	
13	BOS Gas Pipeline Bridge Support (NG18 & NG20)	50	4.8	14	18.23	
14	Road barriers	20			0.337	
15	Light poles (13nos)			5	0.86	
16	Truck Barrier (2nos)	3.5		4	0.05	

17	Emergency Sinter Reclaiming Bunker & Structure	5.07	4.67	7	13.26	
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Table 19. CIVIL STRUCTURE - PHASE G

S.No	Item	Length (m)	Avg. Height (m)	Width (m)	Remark
1	Wheel wash control building	7		2.75	
2	Emergency Sinter plant reclaiming retaining wall Ramp (Wall at Conveyor 731)	15.2	5.65	0.45	
3	Wheel Wash control building	2.5	2	2.5	
4	Ore Feeder ramp retaining wall (2nos)	20	12.63	1.3	
5	Lego blocks (430nos)	1.5	0.8	0.75	
6	Emergency Sinter plant reclaiming (Wall at Conveyor 731) earth ramp	27	4.1	9	
7	Ore feeder earth ramp	315	6.5	25	

Phase H

Table 20: STEEL STRUCTURES & EQUIPMENT (Phase H)

Sl. No	Item Description	Length (m)	Width (m)	Height (m)	Total (Te)	Remark
1	Pipe works with supporting structure including pipe bridge from Pump House/Cooling Tower toward east side.	105.0			110	Pipe line of different size & supporting bridge & trestles structure
3	RM(Raw Material) Office Building including associate shed structure	30.0	15.0	4.5	38	Associate (10x10x4) shed is included
4	RM(Raw Material) Workshop-2 Nos including associate structural shed	25.0	13.0	10.0	125	2 Nos workshop with associate shed structure (11x8.5x4)
6	BOS Gas Pipe line with supporting trestle & bridge	264.0			164	Pipe, supporting bridge & trestles are included.
7	Cooling Tower	44.0	13.0	17.0	116	Cooling tower comprising with wooden works & steel structure over civil foundation. Associate steel stair is included.
8	Main Pump House	41.0	14.0	13.0	138	Only building structure consider
8	Pipe works & supporting structure surrounding pump house	50.0			58	Pipe line in different tier with supports are considered here.
9	B01- Run tech workshop	17.0	10.0	5.5	28	

10	B02- Workshop/Storage Shed	20.0	5.0	4.0	8	All Contractor Workshop/Buildings are steel shed structure
11	B03- Workshop/Storage Shed	10.0	6.5	4.0	8	
12	B04- Workshop/Storage Shed	20.0	10.0	6.0	8	
13	B05- Workshop/Storage Shed	14.0	9.0	4.0	8	
14	B06- Workshop/Storage Shed	10.0	10.0	5.0	8	
15	B07- mii Engineering Workshop 1	31.0	10.5	5.5	54	
16	B08- Workshop/Storage Shed for Control Gear	11.0	6.0	4.0	5	
17	B09- mii Engineering Workshop 2	14.0	11.0	6.0	28	
18	B10- King Site Services Workshop	22.0	7.0	8.0	37	
19	B11- Workshop/Storage Shed	10.0	15.0	5.0	21	
20	B12- Walter Truck Workshop-1&2	18.0	14.0	7.0	12	
21	B13- Monolithic Refractories Store	21.0	10.0	4.0	21	
22	B14- Storage/Cover Shed	16.0	8.0	3.5	8	
23	Misc. for Small sheds, tanks supports, post, light/siren tower etc	0.0	0.0	0.0	35	
24	Height Barrier on Road - 3 Nos	0.0	10.0	6.5	9	
25						
		Total Estimated weight (Te) =			1046	

Table 21. CIVIL STRUCTURE - PHASE H

Sl. No	Item Description	Nos	Length (m)	Width (m)	Height (m)	Remark
1	B15- Old Sinter Plant Substation	1	25	21	3.5	Consider civil building with steel frame
2	B16- Ancillary Civil Building near Sewage Pumping Station	1	24	15	3.5	Consider civil building with steel frame
3	B17- Sewage Pumping Station	1	23	10	4.5	TO BE RETAIN AS IT IS
4	B18- Civil Building near Beside RM Office Building	1	2.5	2.5	4	Consider civil building with steel frame
5	B19- Civil Building Between RM Workshops	1	25	13	4	Consider civil building with steel frame
6	Brick Wall on Road Way	1	50	0.25	2	Free Standing Brick Wall on Road
7	Concrete Wall around Cooling Tower	1	44	13	6	Wall around Cooling tower
8	Trestles/Tower Foundations	Lot				All within the project site area
9	Workshop/Building Foundations	Lot				All within the project site area
10						

Table 22. MISC. ITEMS - PHASE H

Sl. No	Item Description	Nos	Length (m)	Remark
1	Containers/Cabins	92		Nos are Approximate
2	Heras Fencing	Lot	285	Each set of fencing 4.0m long

3	New Green Fencing	Lot	825	
4	Fixed High Steel Fencing/Armco Barrier	Lot		Boundary fencing & around tristle for road safety guard
5	Concrete Lego Block	183		Consider civil building with steel frame
6	Sundry Scraps	Lot		All within the project site area
7				

Items to be Removed in the Sinter Area (Phase A to H)

Phase A



Fig.9 : Junction 884a/886



Fig. 11: Conv 866 tail drum



Fig. 10: Con 866 tail drum



Fig. 12: Transfer house 1 752/753

Phase B

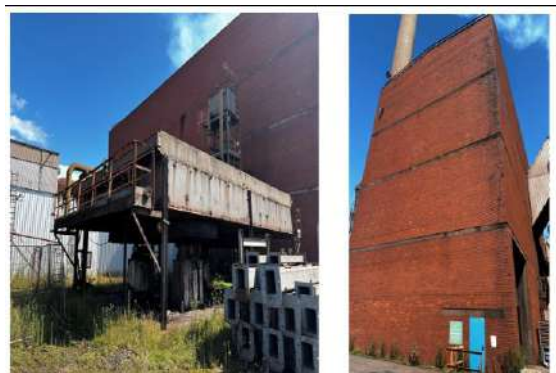


Fig.13 : Water recycling unit and Blower House



Fig. 14: Fume extraction ducting and De-Dusting Building



Fig. 15: Side view of Electrostatic Precipitator (3nos).



Fig. 19: Transfer House 1 for Conv 886/887 & Conv 887.



Fig. 16 : Transformer House Under Electrostatic Precipitators (DT 368, 367, & 366, 369).



Fig. 20: Lego Blocks.



Fig. 17: De-Dust bag filter and Stack Ducting for Concrete Stack Tower room.



Fig. 21: Pipe Bridge.



Fig. 18: Sinter Plant Concrete Stack (Chimney) & Secondary De-dusting Bag Filter Stack-Duct.



Fig. 22 : Centrifugal Fan-Soundproofing Cabin.

Phase C



Fig.23: Rod mill Building and 25ton Limestone Hopper.



Fig.27: Conv 1080 and Sinter Plant Water Systems-Rod Mill Water



Fig.24: Spillage Bay and Pipe Bridge.



Fig.28: Conv 1082 Support Trestle and Pipe Bridge support



Fig.25: Junction House and Pipe Supports.



Fig.29: Pipe Trestle NG21-NG24 & 27 and Conv. 1080



Fig.26: Conv 108 and Coke Offloading Bunker



Fig.30: 800mm Dia Pipe & Trestles

Phase D



Fig.31: Coke and Lime Silo and De-Dusting Precipitator Stack (Chimney)



Fig.35: Burnt Lime Return fine Building and Platform over Conv 1027



Fig.32: Conv. 1027 and Conv. 1026



Fig.36: Civil building by de-dusting fan moto and precipitator support.



Fig.33: Fume extraction de-dusting pipe and Conv. 887/888



Fig.37: Conv 1028 and Civil buildings under Conv 1089.



Fig.34: Conv 1059, 1005, 888 and Dedusting Precipitators



Fig.38: De-dusting precipitator fan motor support and De-dusting precipitator duct to stack and inlet plenum.



Fig.39: 1090/1091 Junction House and Mixing drum and chimney.



Fig.43: 1026/1027 Junction House and Lego blocks



Fig.40 Conv 1089 and Concrete ramp.



Fig.44: Mixer drum



Fig.41: Sinter cooler and fan and Sinter cooler shelter.



Fig 45: Sinter Plant building



Fig.42: 1089/1090 Junction House and 1027/1028 Junction House.



Fig.46: Limestone Bunker and 1004/1005 Junction House

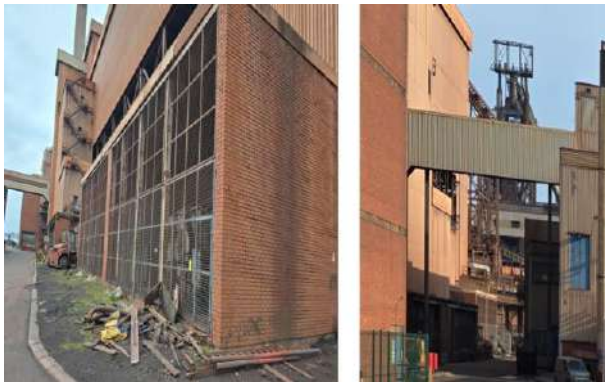


Fig.47 Rectifier/Transformer Houses and Connecting bridge btw Sinter plant building and the admin/boiler house

Phase E



Fig.50: Sinter Building and workshop



Fig.53: Lego blocks



Fig 51 : Heating Tanks



Fig.54: Scrap yard



Fig.52: Abandoned cabins



Fig.55: Road barrier



Fig.56 Light Tower and Street Light poles

Phase F



Fig.57: Conveyor 1042



Fig.59: Junction house 1401/1402



Fig.58: Conveyor 1402 Head Drum



Fig.60: Concrete base

Phase G



Fig.61: Ore feeder



Fig.62: Ore feeder deck and screen



Fig.63: Lego block barrier



Fig.67 Ore Feeder ramp



Fig.64: Wheel wash



Fig.68 Conv. 731 ramp wall



Fig.65 Wheel wash control building



Fig.69 Conv. 731 Loading tower



Fig.66 Scrap yard



Fig.70 Junction house 731/735 retaining wall



Fig.71 Electrical kiosk under Conv 731 and
Electrical kiosk beside Conv 735



Fig.75: BOS pipeline support & Road barrier



Fig.72 Conv 727 and 735



Fig.76: BOS pipeline



Fig.73: Conv. 731



Fig.77: Conv. 711 & 716



Fig.74: Junction house 731/735 & 727 & 735
GTU



Fig.78: Conv 1028 support and Pipe bridge
support LT156



Fig.79: Light Poles and Truck Barrier

Phase H



Fig.80: Cooling Tower & Pump



Fig.83: Lego blocks



Fig.81: BOS Gas Pipe Line & Support



Fig.84: Scrap yard



Fig.82: Abandoned cabins



Fig.85: Contractor Workshop

Fig.86: Free Standing Wall



Fig.86: Free Standing Wall



Fig.87: Heras Fencing



Fig.88: Pipe Works & Road Height Barrier



Fig.89: Light Post & Siren Post



Fig.90: Scraps



Fig.91: Contractor Workshop/Store



Fig.92: Civil Building



Fig.93: Tank



Fig.94: RM Workshop & Office building

Deconstructed elements

Table 23. Deconstructed elements in Phase A

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Idlers, idler frames, drums/ pulleys, GTU , conveyor structural steel, trestles tail drum frame and the associated guards of Conveyor 885 & 886	Fig 1,10,11	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 2
Junction house 884a/886	Fig.1,9,10, 11.	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 2
Abandoned Civil Building 1 & 2	Fig.11	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 2
Lego Blocks	Fig 1	Lifting and Transfer	April 2026	March 2027	Yes. Fig 2

Table 24. Deconstructed elements in Phase B

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Secondary De-dusting Bag Filter Stack-Duct, fume extractor ducts, compressor house and accessories.	Fig 1,18b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 3
Sinter Plant Concrete Stack, ducting and accessories	Fig.1,18a	Explosion Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame, Trestles and the associated guards of Conveyor 887	Fig 19b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 3
Blower Houses, Concrete fume duct, staircase	Fig.13b	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
3nos Electrostatic Precipitators with ducting	Fig 1,15	Lifting and Transfer	April 2026	March 2027	Yes. Fig 3
Transfer House 1 886/887	Fig. 19a	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Water Recycling Unit	Fig 13a	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Transformer House Under Electrostatic(nos366,367,368,369)	Fig. 16	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3

Fume extraction ducting, And Trestles	Fig.14	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Centrifugal Fan-Soundproofing Cabin with Pedestal	Fig.22	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Secondary De-dusting Bag Filter Pipe Bridge	Fig .21	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Fume Extraction Ducting (for Secondary De-dusting Bag Filter Stack -Duct) PT1 Tower S5,S6,S7,S8	Fig. 14,19b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Lego Blocks	Fig. 20	machine and lifting	April 2026	March 2027	Yes. Fig 3
De-Dust bag filter compressor pump room	Fig. 17a	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3
Dedusting Building and Staircase	Fig.14b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 3

Table 25 . Deconstructed elements in Phase C

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1080	Fig. 27a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1082	Fig.26a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1081	Inside Junction House 5	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1083	Inside Junction House 5	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1084	Inside Junction House 5	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1085	Fig. 27a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4

Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1086	Fig. 27a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1088	Fig.27a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 4
Rod Mill Building	Fig.23a	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
BOS Gas Pipeline Bridge	Fig.24b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
BOS Gas Pipeline Bridge Support (NG18 & NG20)	Fig.28b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
BOS Gas Pipe support NG25 Loop (LT86)	Fig.25b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
BOS Gas Pipe support NG25 Loop(LT156) (2nos)	Fig.25b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
BOS Gas Pipe support NG21- NG24 &27 (4nos)	Fig.29a	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
Conv. 1080 & 1082 Trestle 1 (5nos)	Fig 28b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
Conv. 1080 & 1082 Trestle 2 (4nos)	Fig. 29	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4
Coke Offloading Hopper (2nos)	Fig. 26b	Mechanical - cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 4

Table 26. Deconstructed elements in Phase D

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame, GTU and the associated guards of Conveyor 711,716, 887,888,889,957,	Fig.32, 33,34, 37a,40a	Mechanical - cutting and burning by machine	April 2026	Ma259rch 2027	Yes. Fig 5

958,959,1001,1002,1003,1004 1005,1006,1007,1008,1009,1015 1016,1018,1020,1021,1022,1025 1026,1027,1031,1032,1034,1035, 1036,1057,1059,1062,1064,1065, 1066,1089,1090,1091, Burnt Lime Conveyor 1&2, Burnt Lime weigh feeder conveyor.					
Fume Extraction Ducting East (Part 2) to De-Dusting Precipitator	Fig. 33a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
De-Dusting Precipitator	Fig. 34b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
De-Dusting Precipitator inlet and exit plenum (2nos)	Fig. 34b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
De-Dusting Fume Extraction Ducting from Precipitator Including to Chimney	Fig. 38a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Burnt lime bin building	Fig. 35a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Burnt lime bin	Fig. 35a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
De-Dusting to Lime and Fine Return Bunker	Fig . 35a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Platform over conv. 1027	Fig. 35b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Mixing Drum Rolling Drum & Chimney and frame	Fig. 39b, 44	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House 1027/1028	Fig. 42b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House over 1026/1027	Fig. 43a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House over 1004/1005	Fig. 46a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House 887 to 888	Fig. 33b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House 1089/1090	Fig. 26	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Junction House 1090/1091	Fig. 20	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Sinter Cooler/Bull Ring and Structure	Fig. 24,25	Mechanical – cutting, breaking	April 2026	March 2027	Yes. Fig 5

		and burning by machine			
Sinter Plant Building	Fig. 31	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Limestone Hopper	Fig. 32	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Concrete Ramp	Fig. 23	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Lego Blocks	Fig. 29	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Civil Buildings under conveyor 1089 (1) &(2)	Fig. 22	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Civil Buildings by de-dusting precipitator (1)	Fig. 14	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Civil Buildings by de-dusting precipitator (2)	Fig. 15	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Concrete support to De-dusting duct fan motor	Fig.36b	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Concrete support to De-dusting duct fan motor	Fig 38a	Lifting and Transfer	April 2026	March 2027	Yes. Fig 5
Rectifier/Transformer houses	Fig. 47a	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Connecting building Sinter Plant Building	Fig. 47b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5

Table 27. Deconstructed elements in Phase E

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
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Sinter Plant office building and workshop	Fig. 50	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Heating tank	Fig.51	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Concrete heating tank stand	Fig. 51	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 5
Abandoned cabins	Fig. 52	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Lego Blocks	Fig. 53	machine and lifting and carting away	April 2026	March 2027	Yes. Fig 5
Scrap yard	Fig. 1	Clearing and appropriate disposal	April 2026	March 2027	Yes. Fig 5
Light Tower	Fig. 56	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Street Light	Fig. 56	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5
Road Barrier	Fig. 55	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 5

Table 27. Deconstructed elements in Phase F

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame and the associated guards of Conveyor 1402	Fig. 57	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 6
Junction House 1401/1402	Fig.58	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 6
Concrete base	Fig.60	Mechanical – breaking by machine	April 2026	March 2027	Yes. Fig 6

Table 28. Deconstructed elements in Phase G

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Idlers, idler frames, drums/ pulleys, conveyor structural steel, tail drum frame, GTU and the associated guards of Conveyors 734, 726, 727, 735,731,711,716 and 753	Fig.61,72,73, 74b,77	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Ore feeder	Fig 61	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Wheel Wash	Fig. 64	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Transfer Platform for Conv. 731	Fig. 68,69	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Junction house 731/735	Fig. 78,74a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Conveyor 727/735 GTU	Fig. 74b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Conv 1028 support	Fig. 78a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Electrical control kiosk by Conv. 735	Fig. 71a	Mechanical - cutting and	April 2026	March 2027	Yes. Fig 7

		burning by machine			
Electrical control kiosk by Conv. 731	Fig. 71a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
BOS Pipeline	Fig. 76	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Pipe support LT86 &156	Fig. 78	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Pipe bridge	Fig. 78	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
BOS Gas Pipeline Bridge Support (NG18 & NG20)	Fig. 75b	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Road barriers	Fig. 75a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Light poles (13nos)	Fig. 76a	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 7
Emergency Sinter plant reclaimer retaining wall Ramp (Wall at Conveyor 731)	Fig. 68	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 7
Wheel Wash control building	Fig. 65	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 7
Ore feeder bunker ramp retaining wall	Fig. 77	Mechanical – breaking, cutting and burning by machine and lifting	April 2026	March 2027	Yes. Fig 7
Lego blocks	Fig. 63	Mechanical – Lifting and transfer	April 2026	March 2027	Yes. Fig 7
Earth Ramp (2nos)	Fig. 67	Level up to natural ground level	April 2026	March 2027	Yes. Fig 7

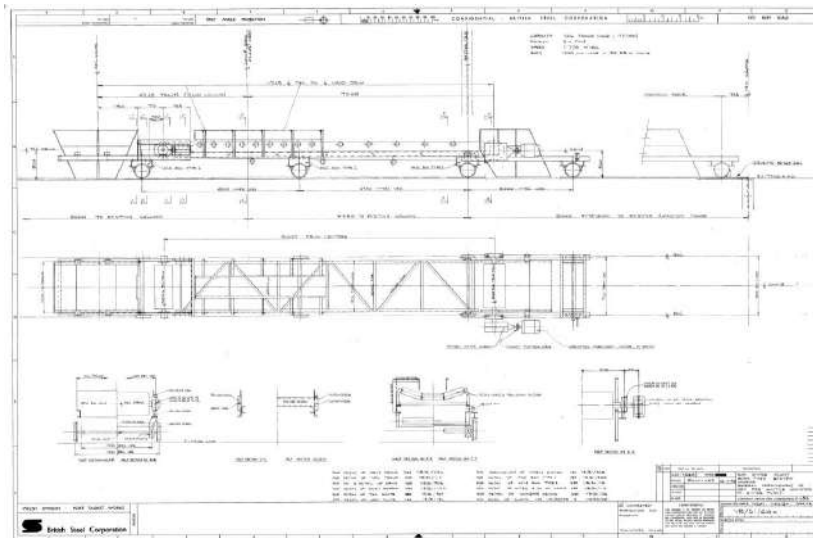
Table 29. Deconstructed elements in Phase H

What is Being Removed	Reference	How is this being	Date From	Date To	Any Laydown
Cooling Tower & Pump House	Fig. 80	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
BOS Gas Pipe Line & Support	Fig.81	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Abandoned cabins	Fig. 82	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Lego Blocks	Fig. 83	machine and lifting and carting away	April 2026	March 2027	Yes. Fig 8
Scrap yard	Fig. 84	Clearing and appropriate disposal	April 2026	March 2027	Yes. Fig 8
Contractor Workshop	Fig. 85	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Free Standing Wall	Fig. 86	Mechanical - breaking and clearing of area	April 2026	March 2027	Yes. Fig 8
Heras Fencing	Fig. 87	Manual- dismantling and storing by machine	April 2026	March 2027	Yes. Fig 8
Pipe Works & Road Height Barrier	Fig. 88	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Light Post & Siren Post	Fig. 89	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Scraps	Fig. 90	Mechanical – cutting, Clearing and appropriate disposal	April 2026	March 2027	Yes. Fig 8
Contractor Workshop/Store	Fig. 91	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8
Civil Building	Fig. 92	Mechanical - breaking and	April 2026	March 2027	Yes. Fig 8

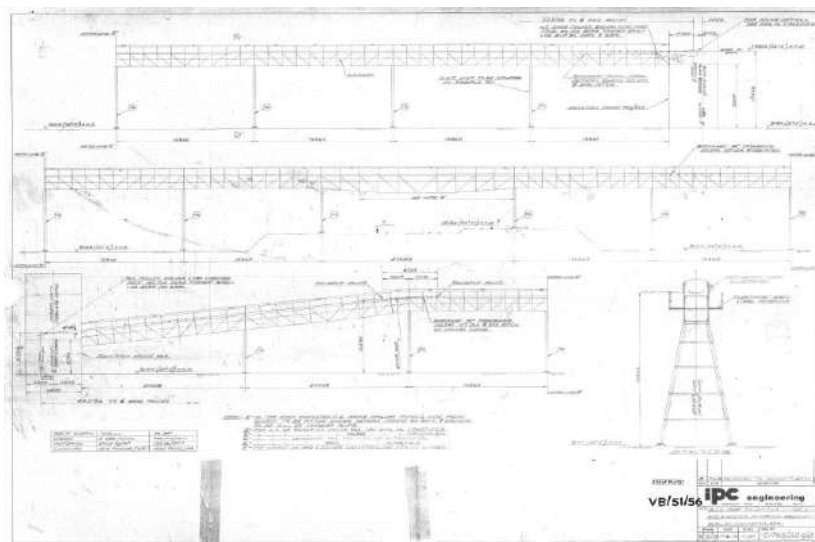
		clearing of area			
Tank	Fig. 93	Mechanical - cutting and burning by machine	April 2026	March 2027	Yes. Fig 8

Drawing of Sinter Plant (Phase A to H)

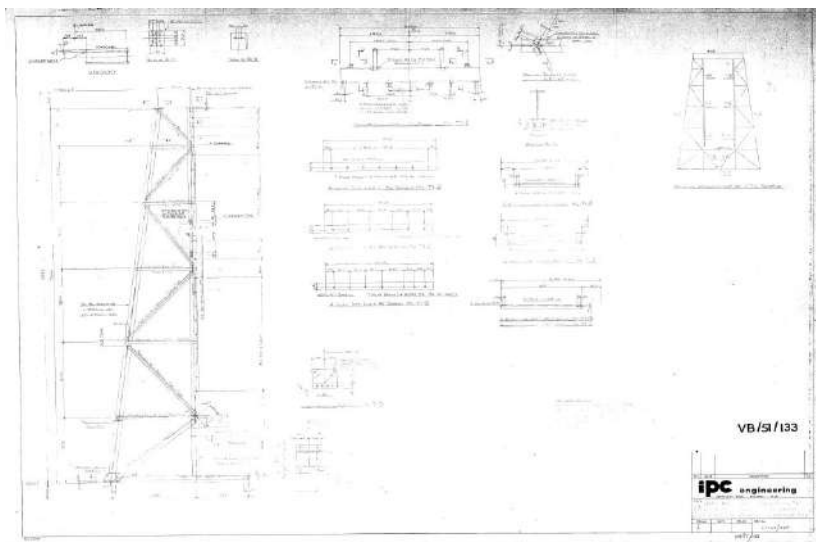
Phase A



Drawing 1 – Conv. 885



Drawing 2 – Conv. 886



Drawing 3 – Conv. 886 GTU frame

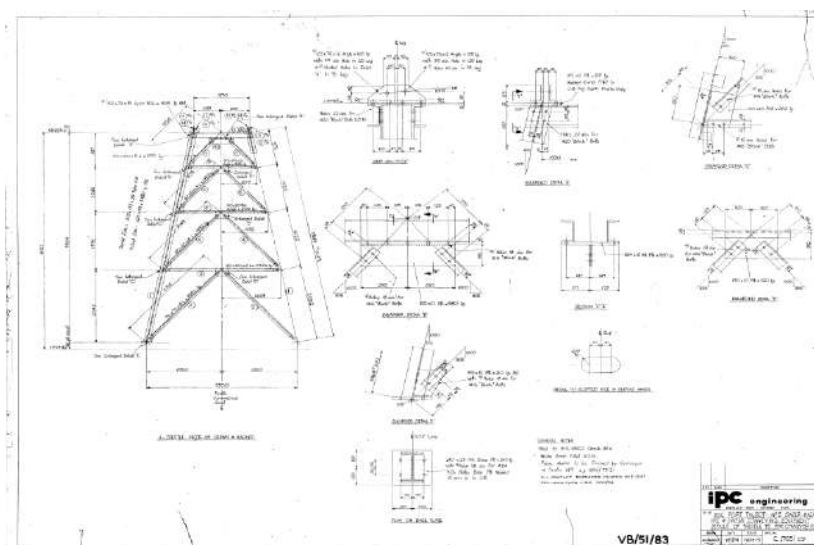
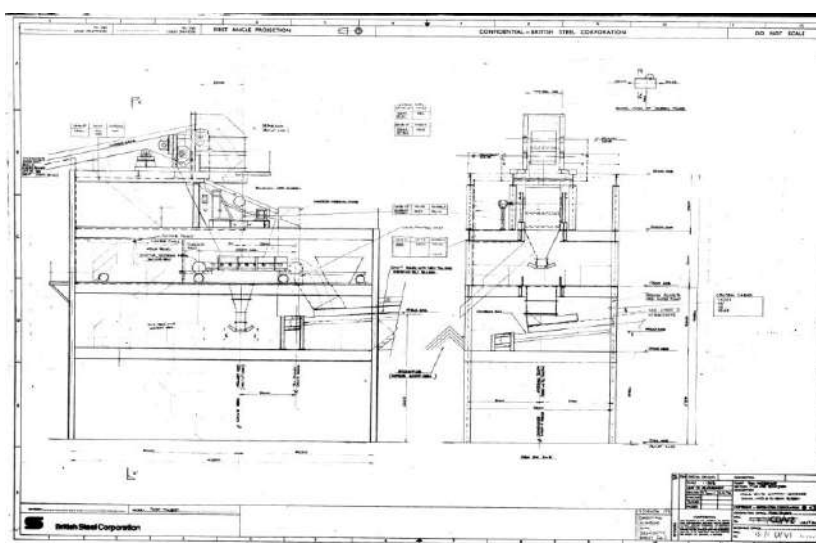
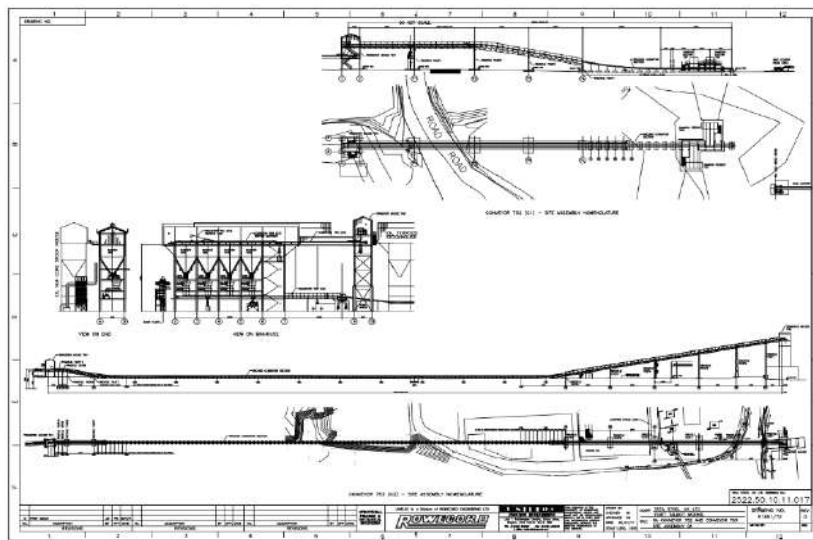


Fig. 4 Conv. 886 Trestle

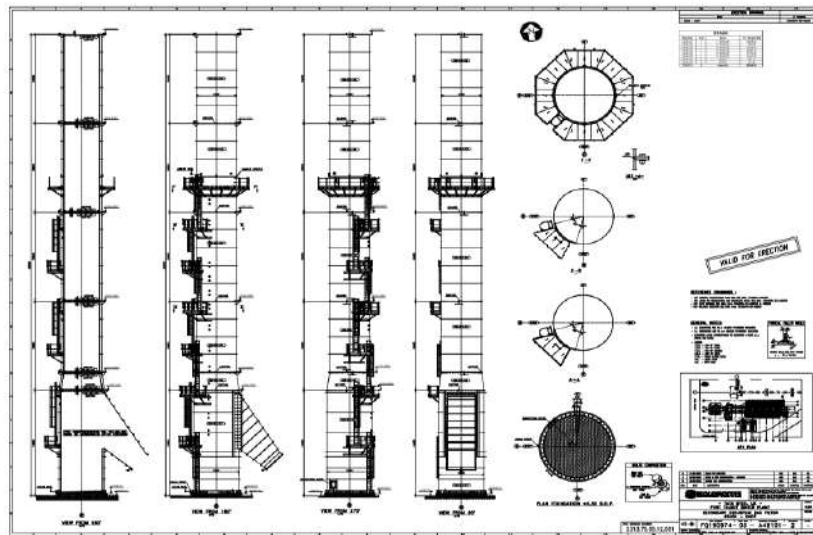


Drawing 5 – Junction House 884a/886

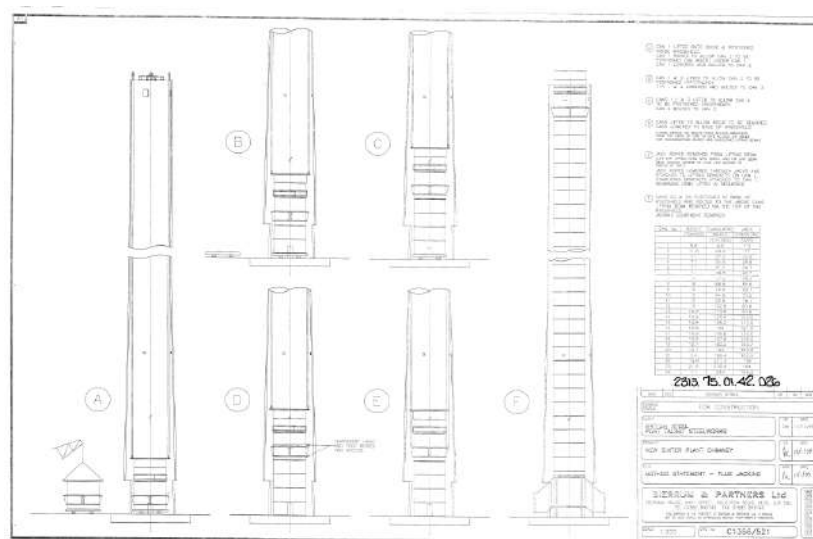


Drawing 5 – Layout of Conv. 752 and 753

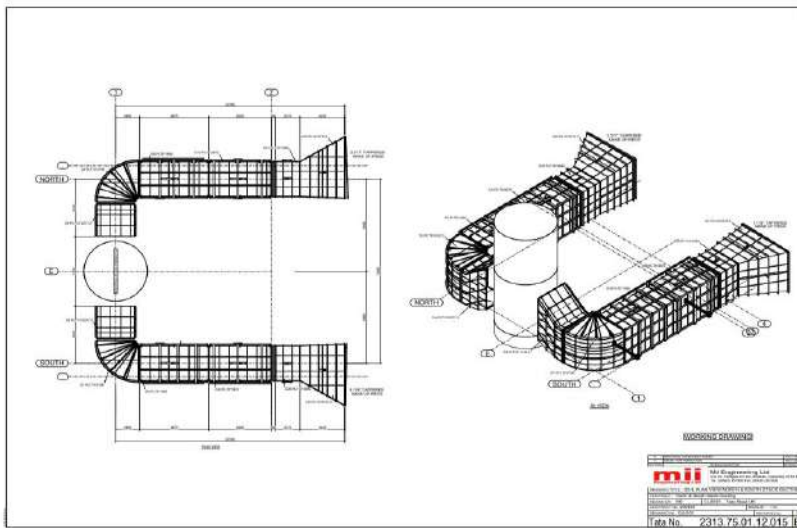
Phase B



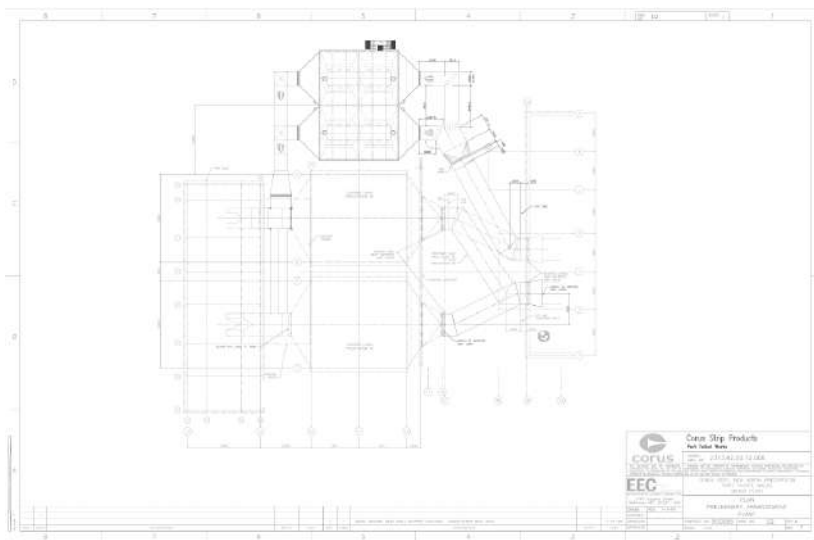
Drawing 6 – Secondary De-dusting Bag Filter Stack-Duct



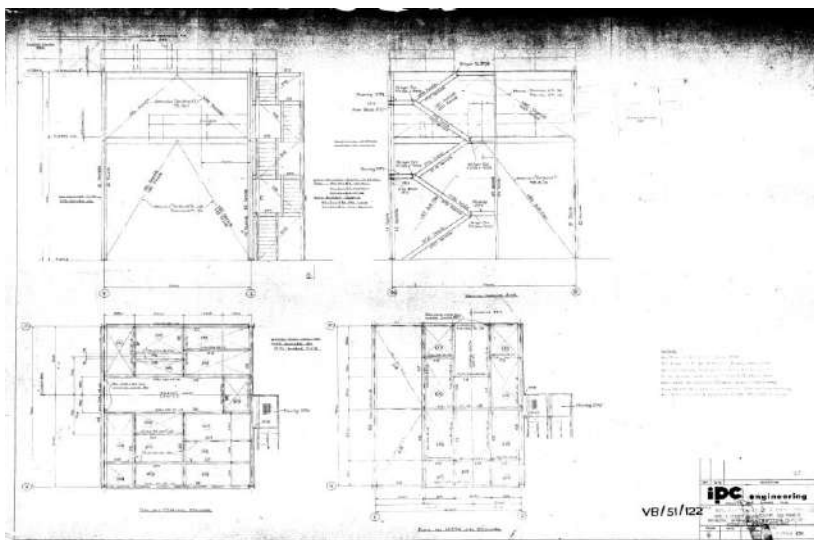
Drawing 7 – Concrete Stack (Chimney)



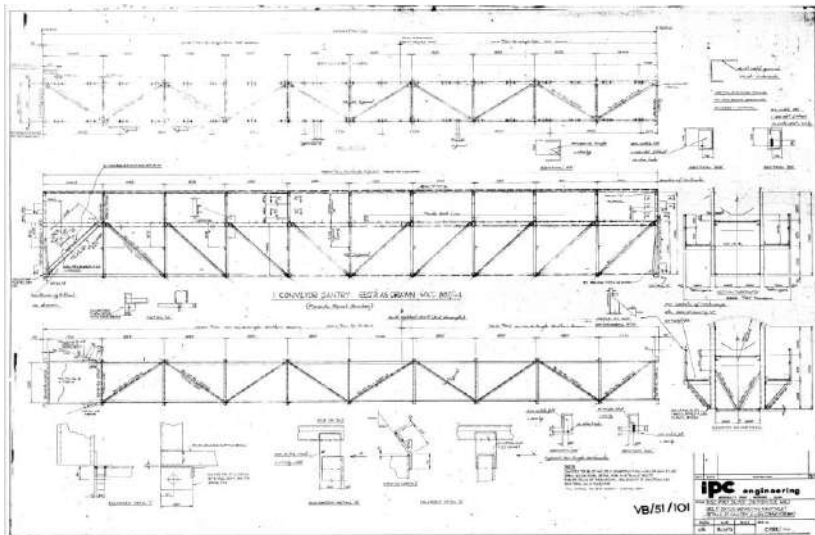
Drawing 8 – North and South Stack- Ducting



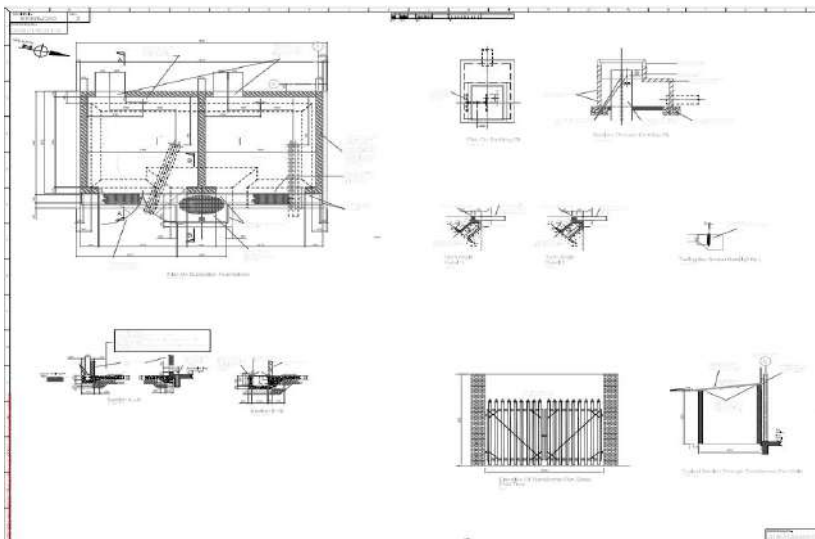
Drawing 9 – 3nos Electrostatic Precipitators



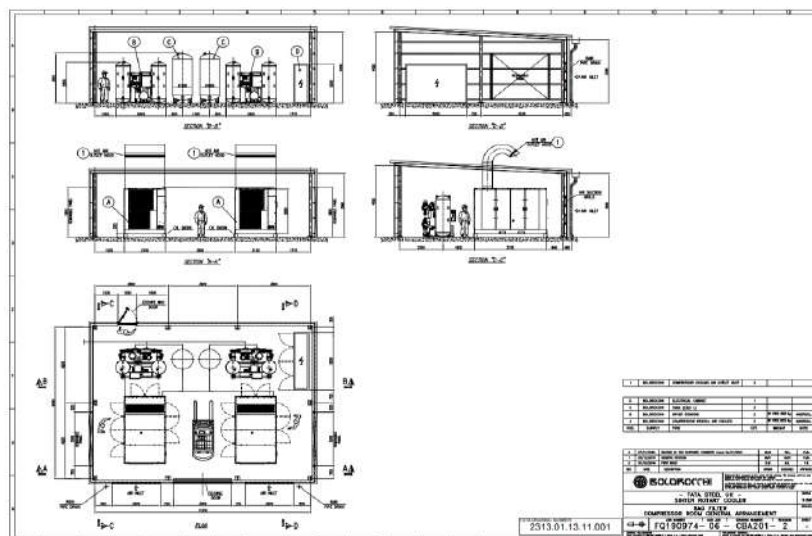
Drawing 10 – Transfer House 1. 886/887



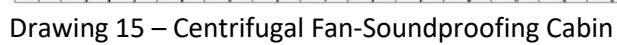
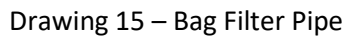
Drawing 11 – Conv. 887

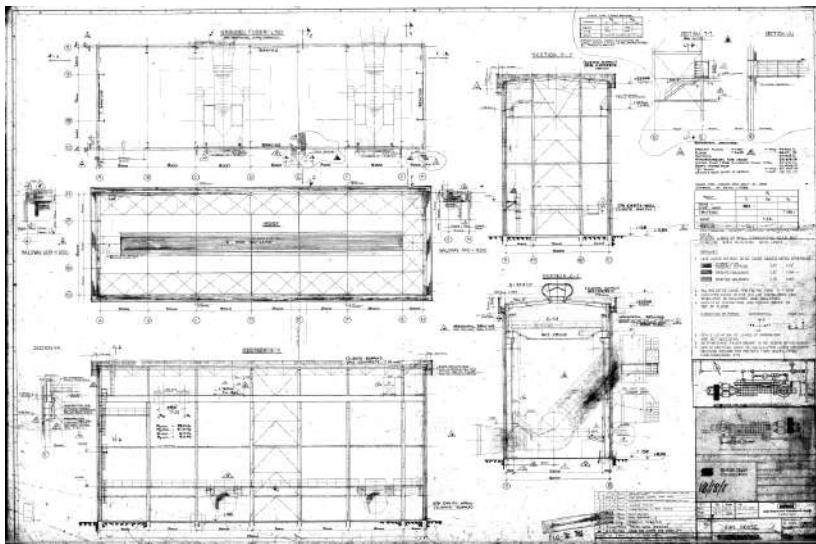


Drawing 12– Transformer Pen



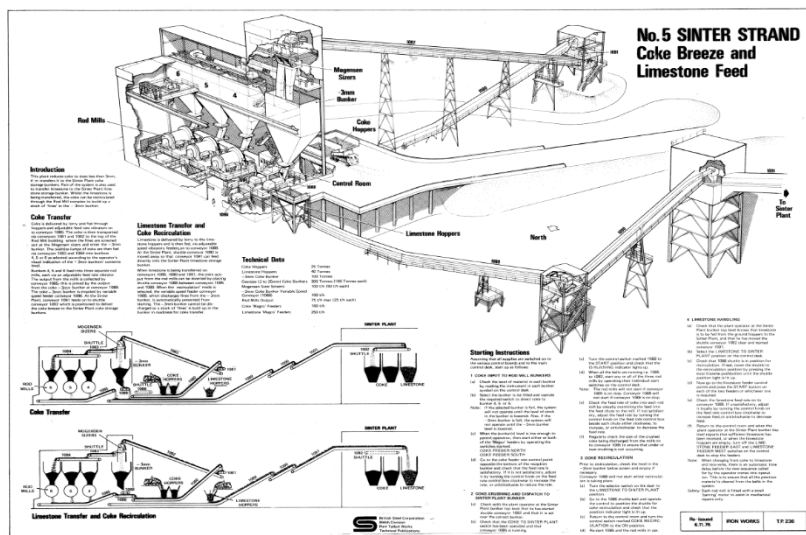
Drawing 13 – Compressor Room



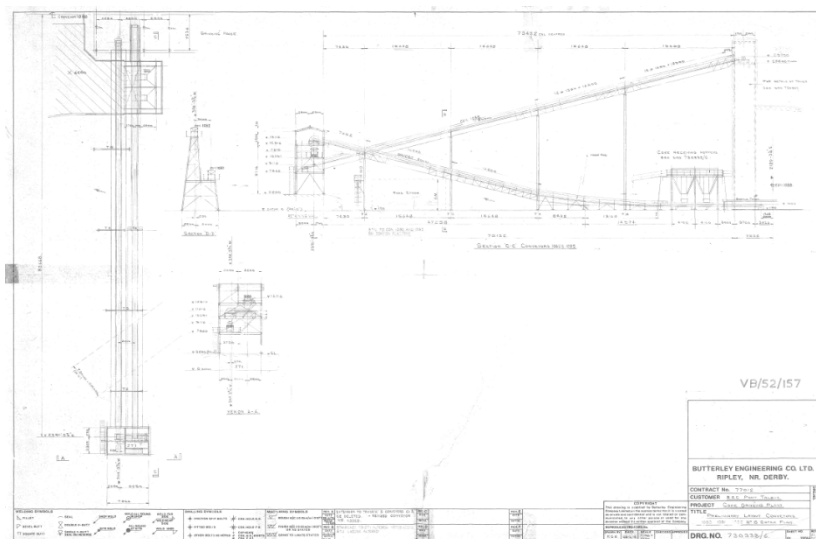


Drawing 17 – Blower/Fan House

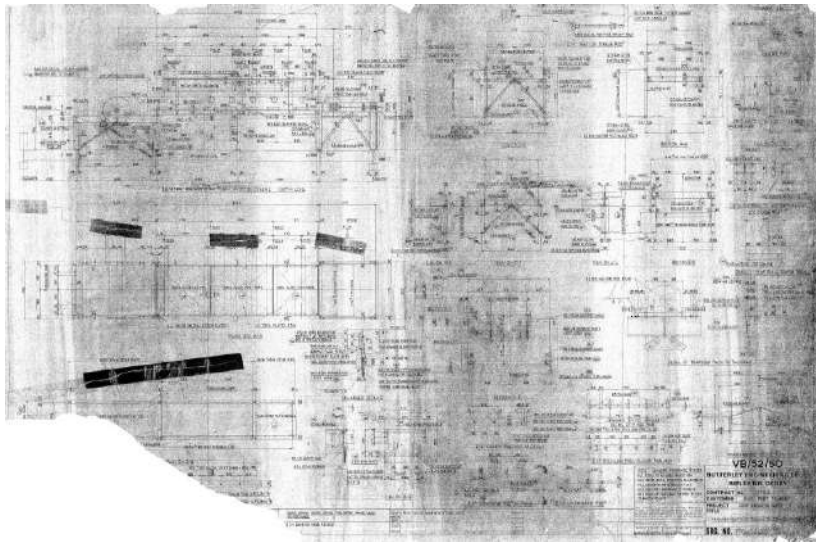
Phase C



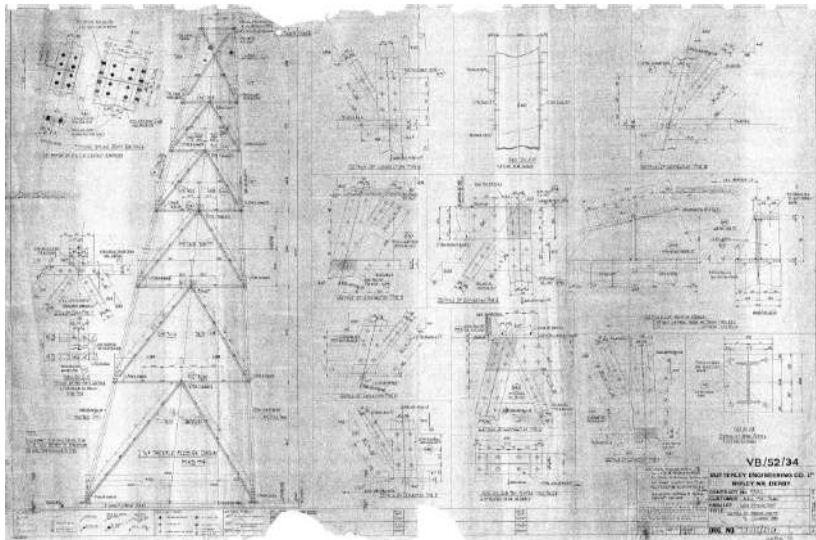
Drawing 18 – Layout of Rod mill



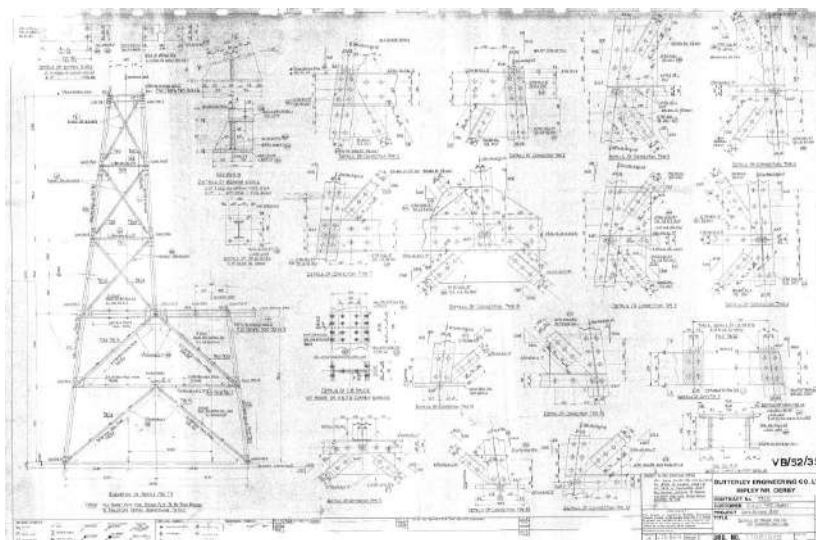
Drawing 19 – Layout of Conv. 1080 & 1082



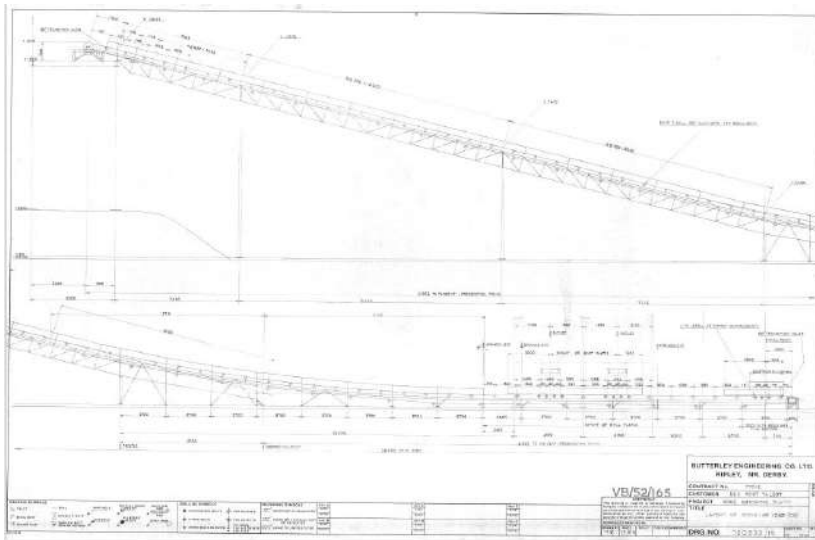
Drawing 20 – Conv 1081



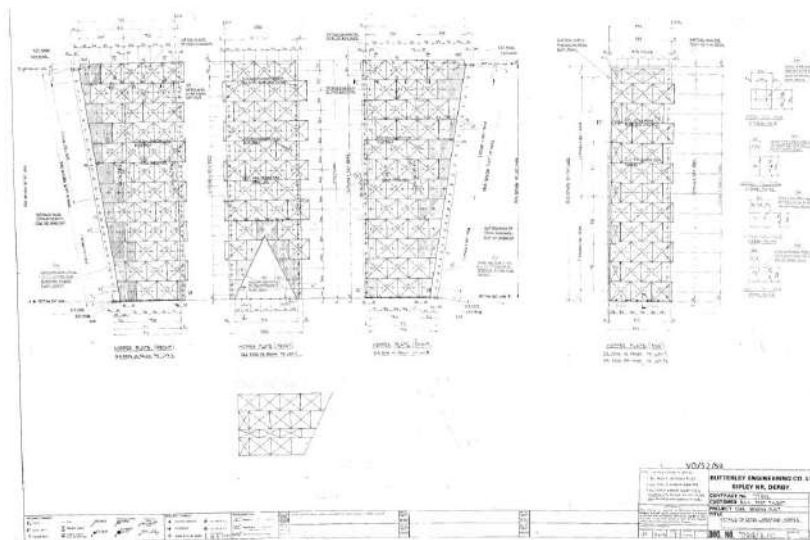
Drawing 21 – Conv. 1082 Trestle 1



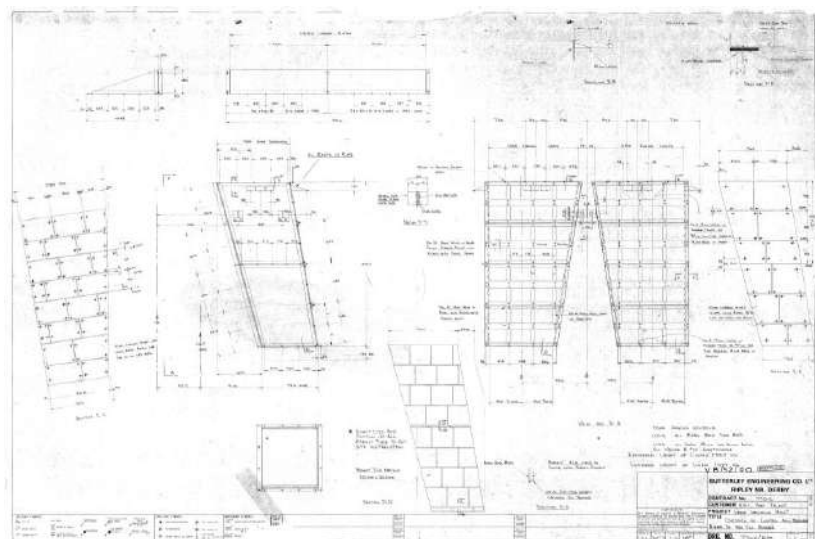
Drawing 22 – Conv. 1080 & 1082 Trestle



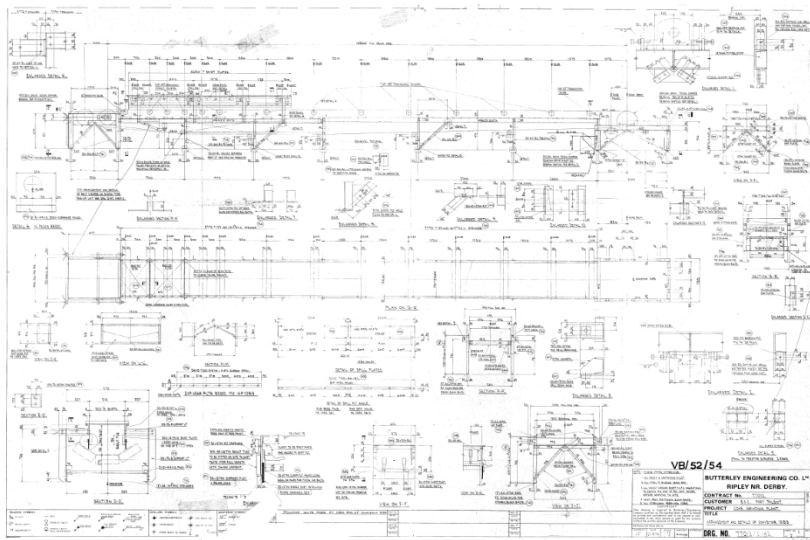
Drawing 23 – Conv. 1080



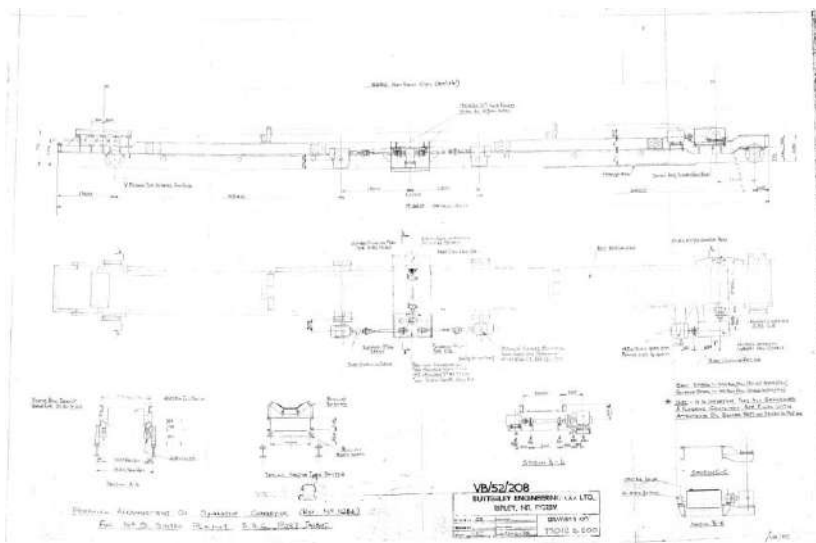
Drawing 24 – 25ton Limestone Hopper



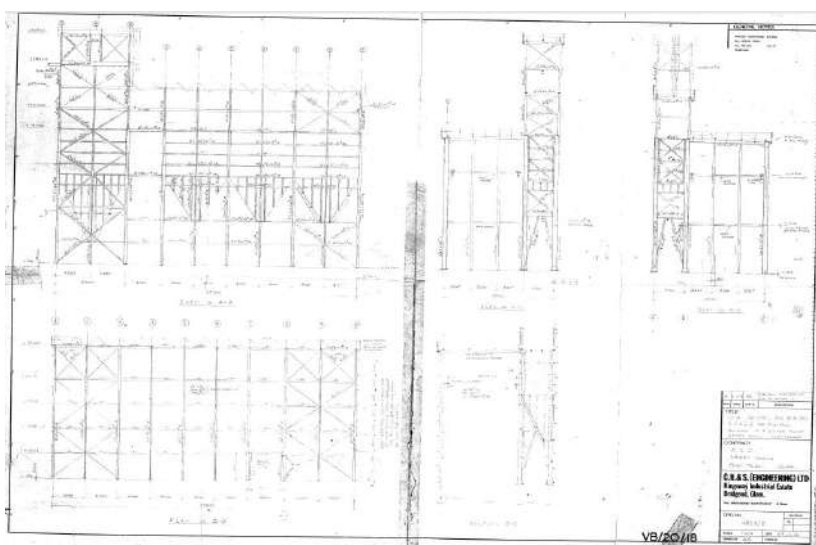
Drawing 25 – Coke offloading Hopper



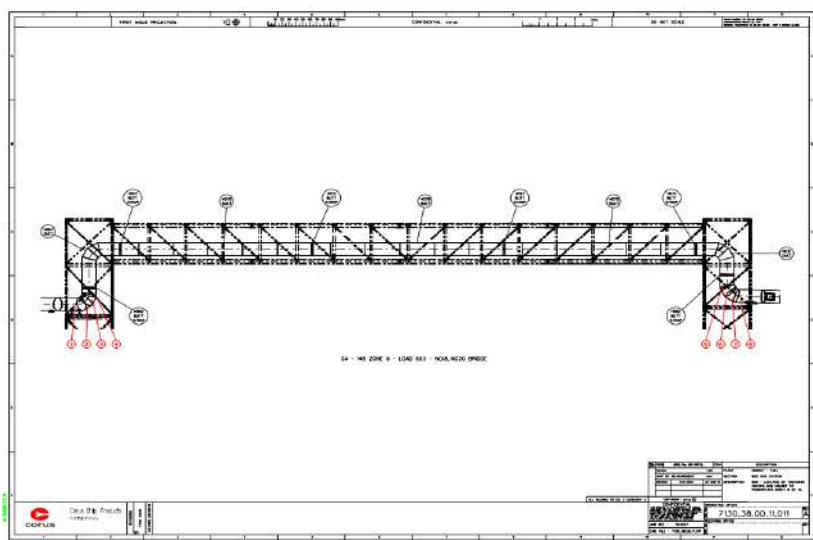
Drawing 26 – Conv. 1083 & 1084



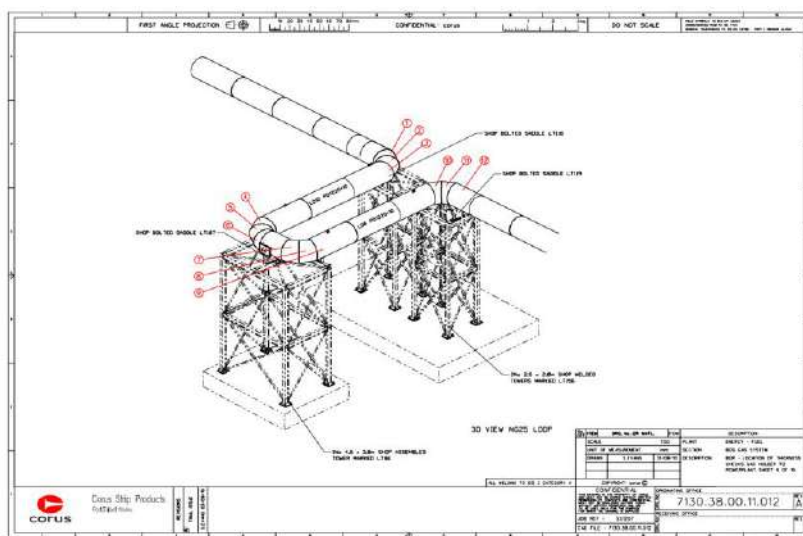
Drawing 27 – Conv. 1084



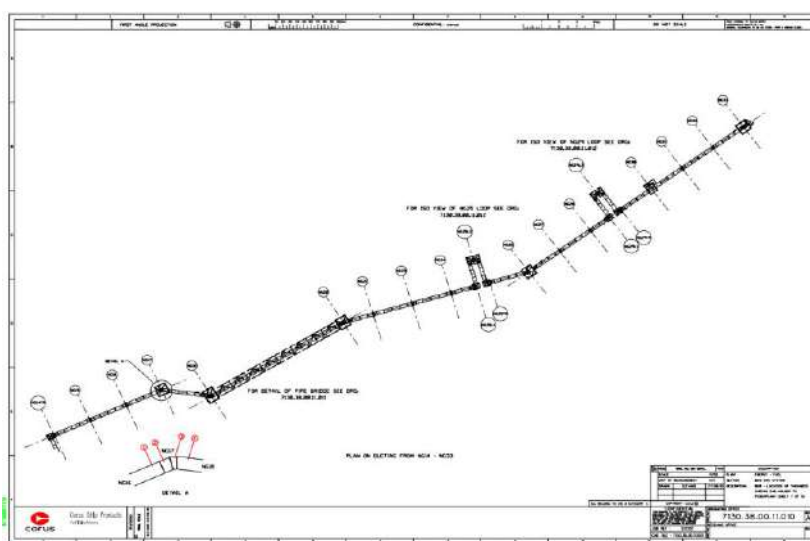
Drawing 28 – Rod Mill Building



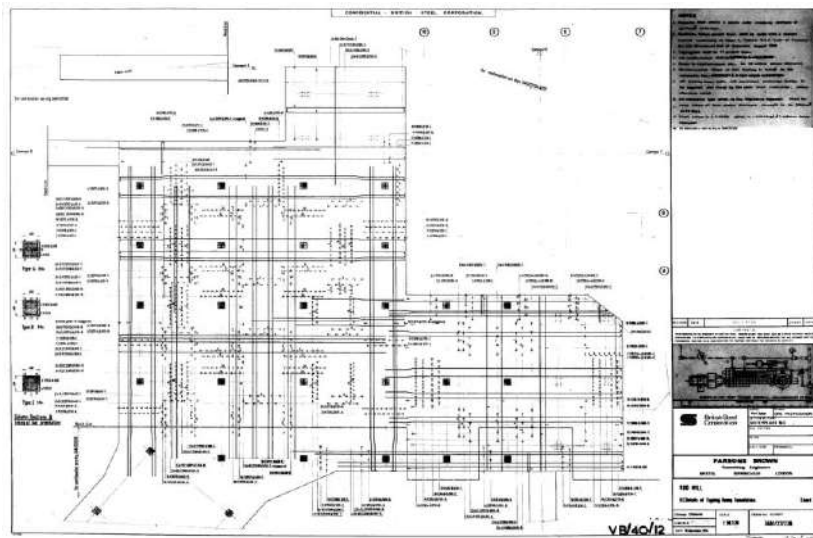
Drawing 29 – BOS Gas Pipe Bridge



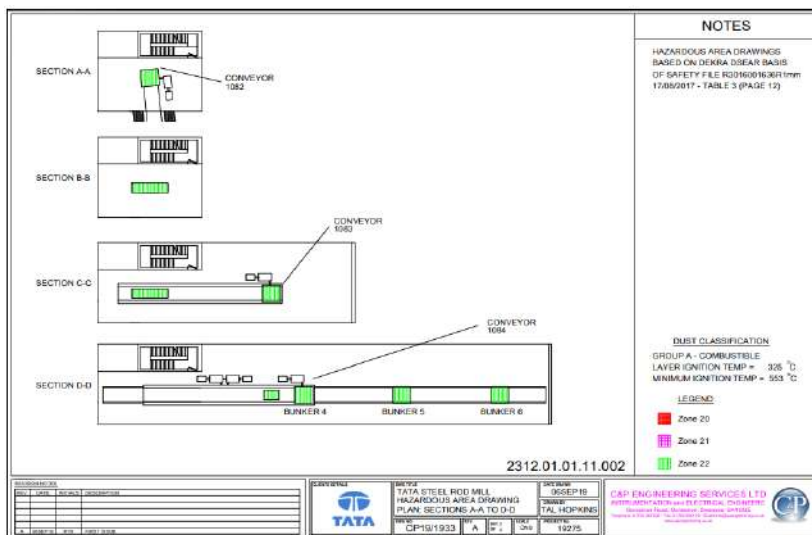
Drawing 30 – BOS Gas Pipe Support loop NG25



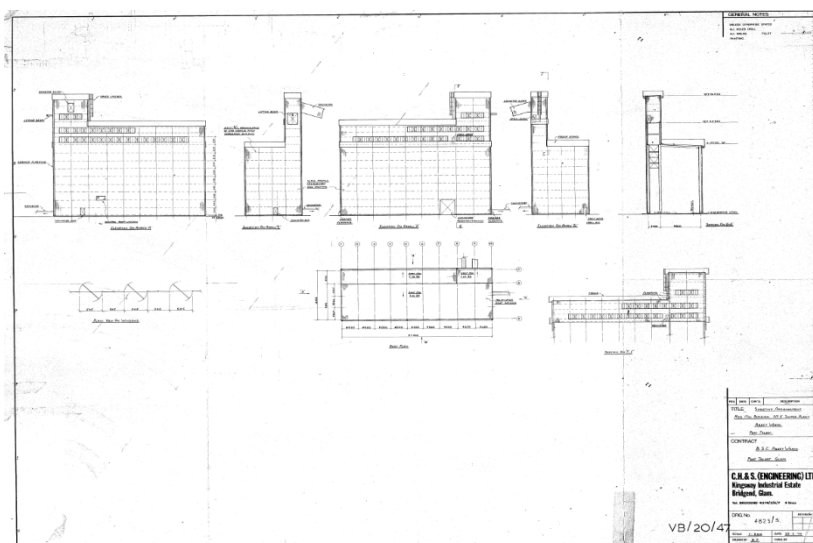
Drawing 31 – BOS Gas Pipe Layout



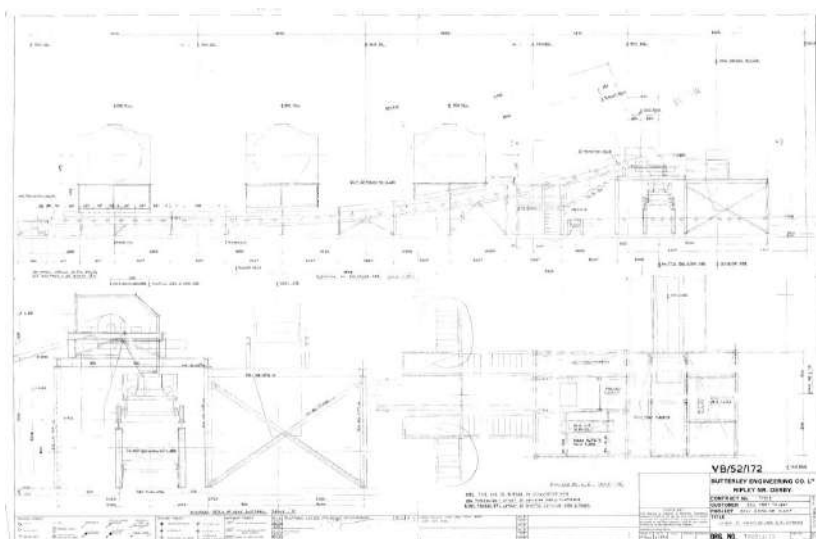
Drawing 32 – Coke Offloading Ramp



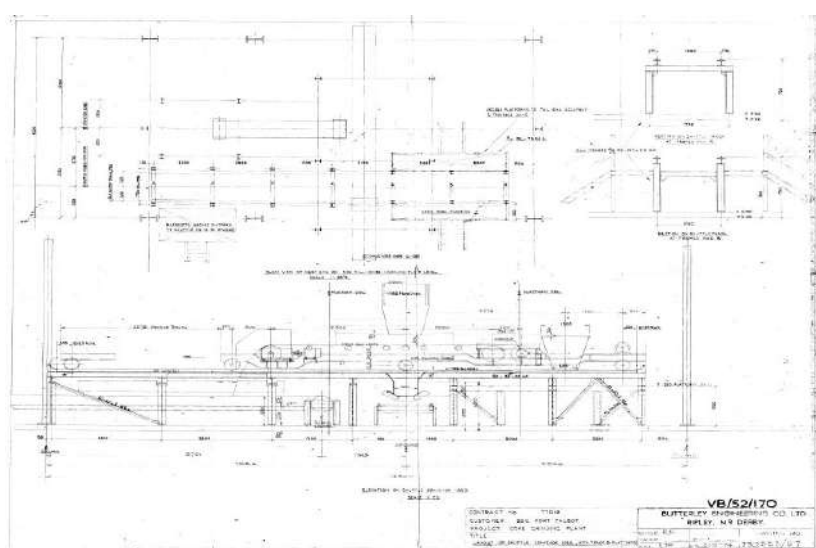
Drawing 33 – Conveyor Layouts in the Rod mill Building



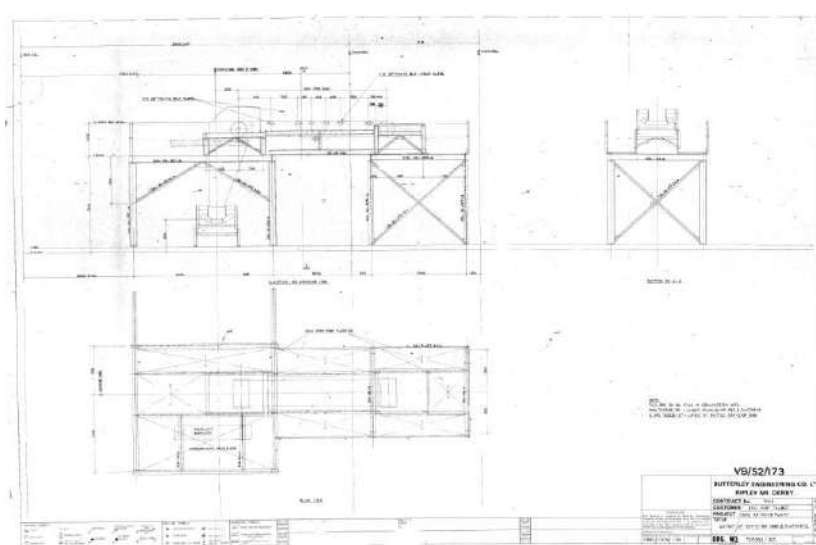
Drawing 34 – Rod mill Building Elevation



Drawing 35 – Conv. 1085

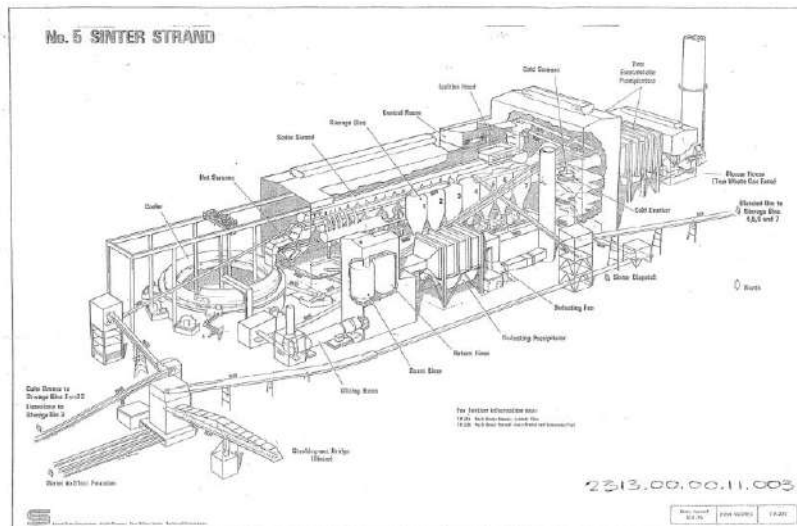


Drawing 36 – Conv. 1086

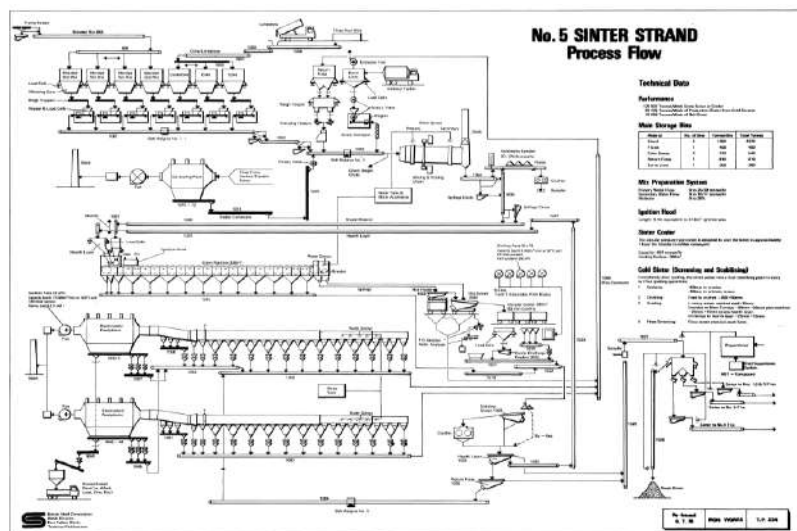


Drawing 37 – Conv. 1088

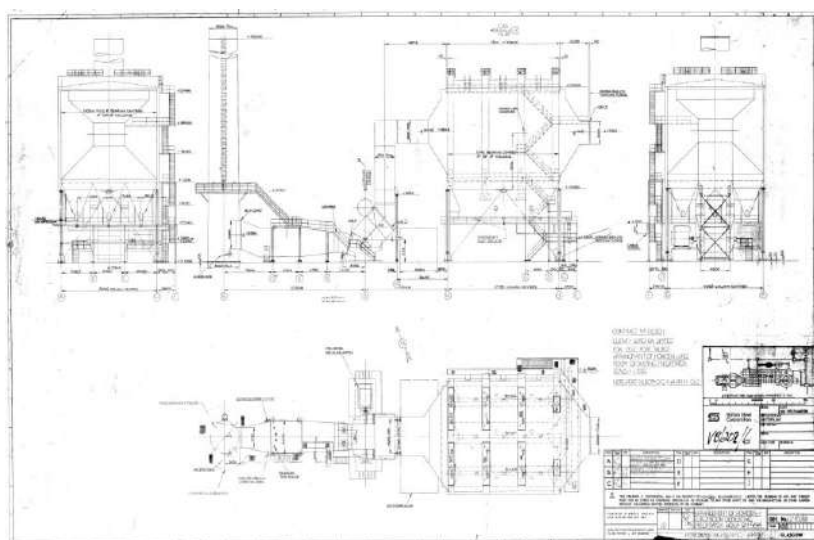
Phase D



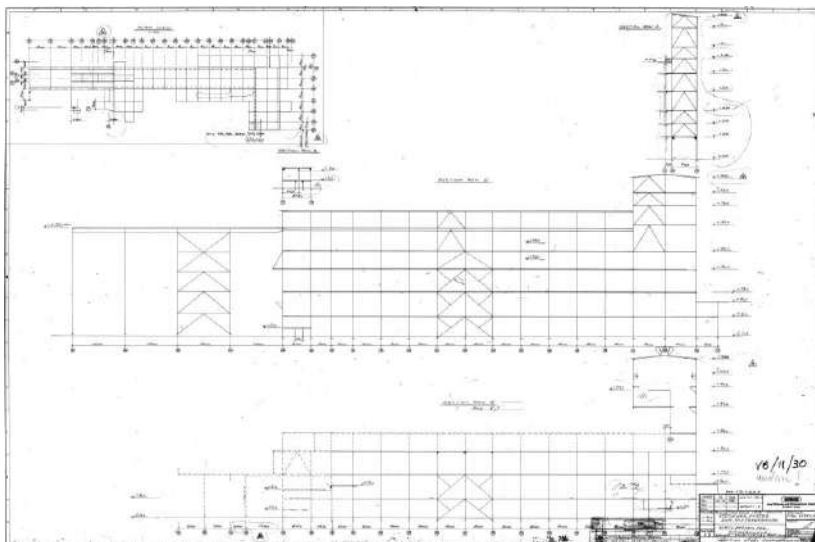
Drawing 38 – Sinter Strand



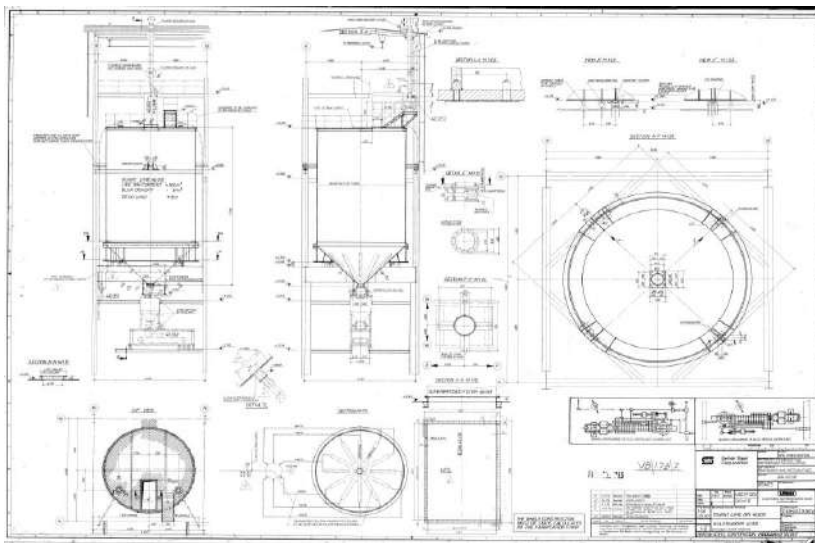
Drawing 39 – Sinter Plant Process Flow Diagram



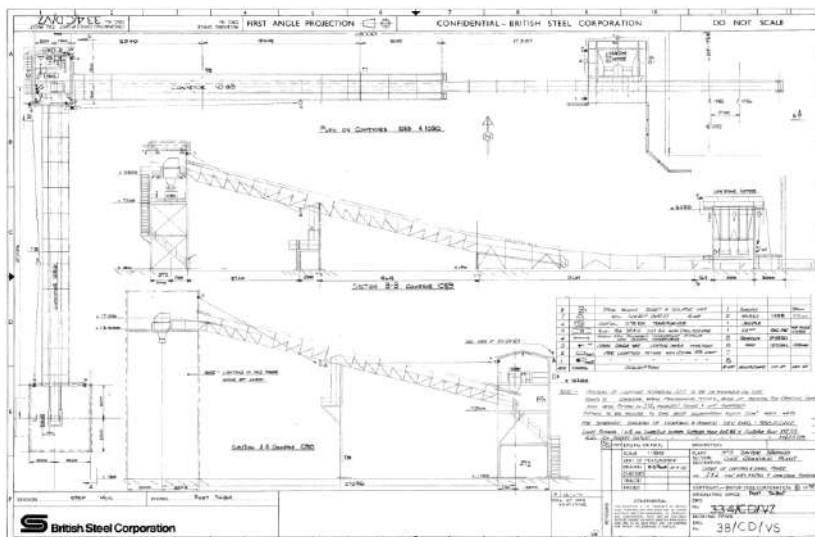
Drawing 40 – Sinter plant South Precipitator



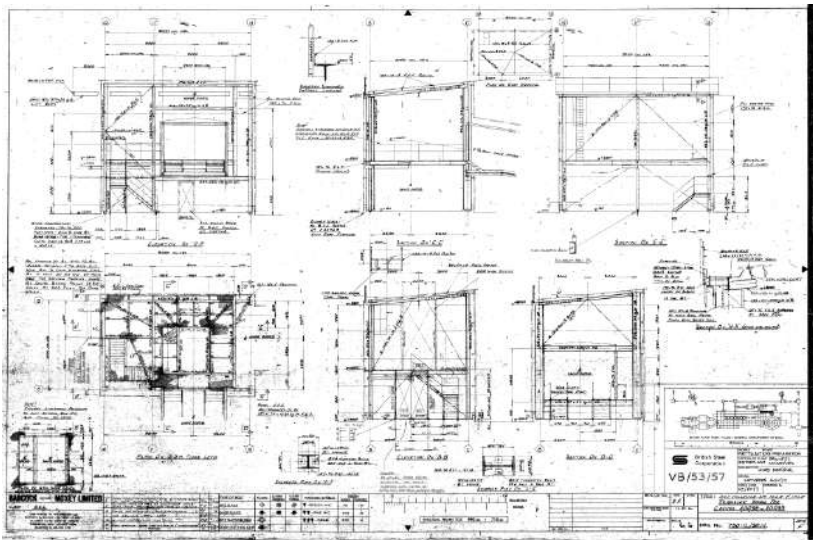
Drawing 41 – Sinter Plant Building Frame



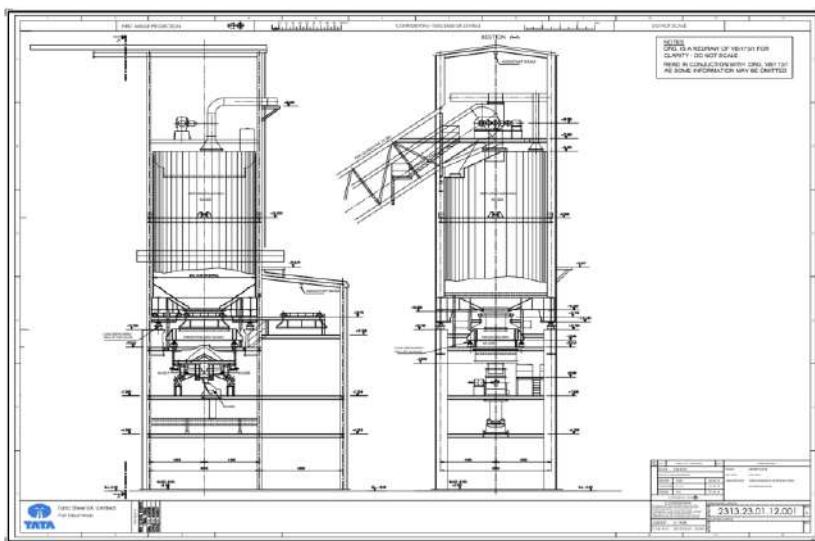
Drawing 42 – Burnt Lime Bin



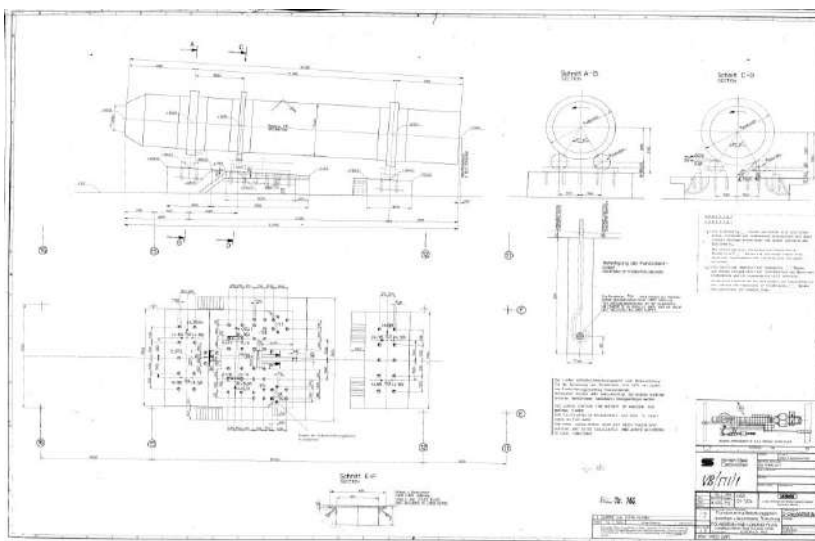
Drawing 43 – Layout of Conv 1089 & 1090 with Junction House



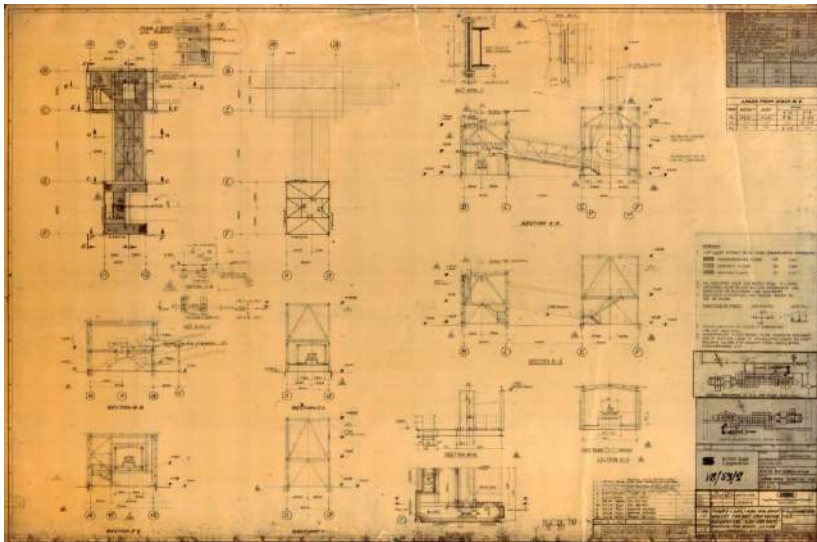
Drawing 44 – Junction House to 1004/1005



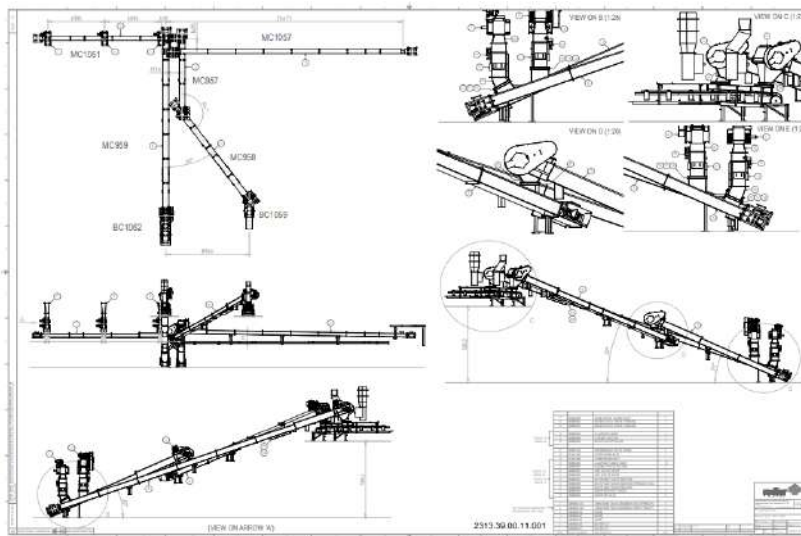
Drawing 45 – Return Fine Bin



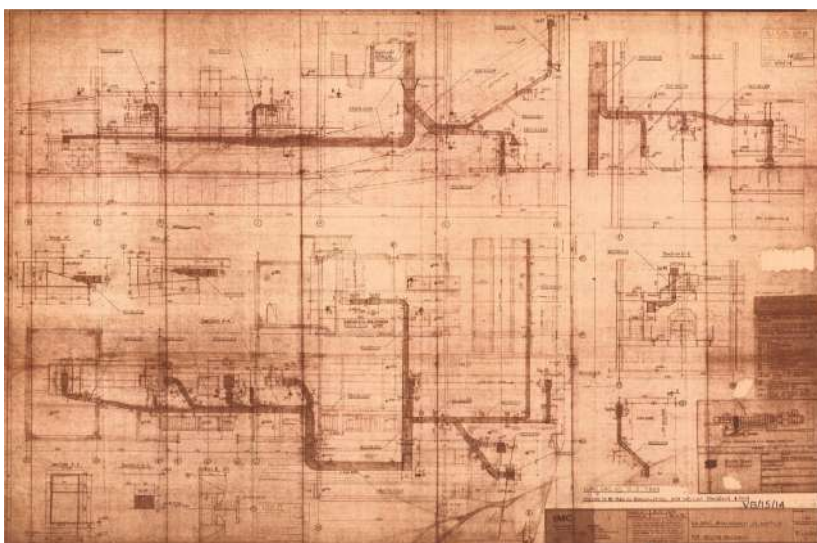
Drawing 46 – Mixing Drum



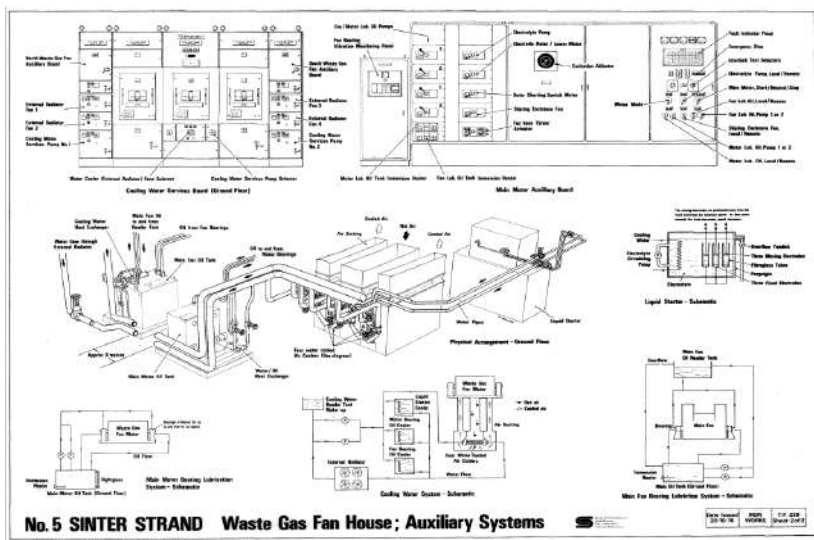
Drawing 47 – Mixer Drum Stack (chimney) and Conv 1004/1005 Junction house



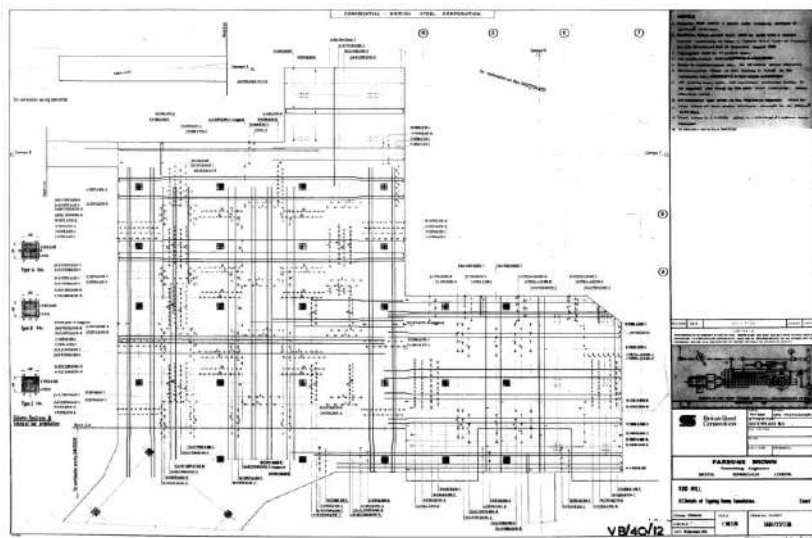
Drawing 48 – Machine conveyor layout 957 958 959 1051



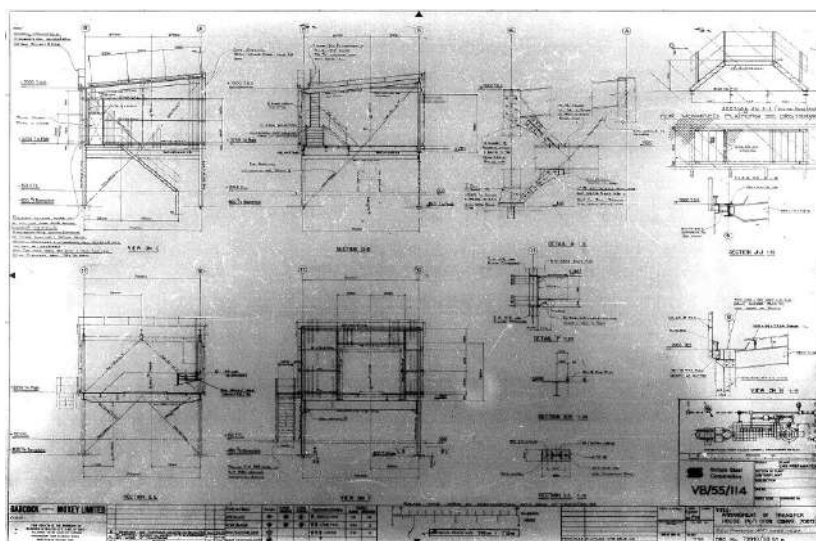
Drawing 49 – General arrangement of ducting in the Sinter plant building



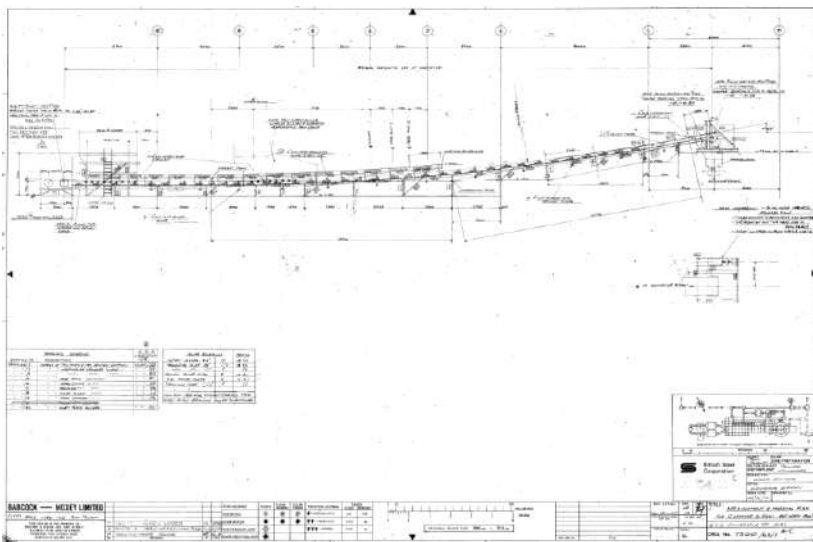
Drawing 50 – Sinter strand waste gas fan house



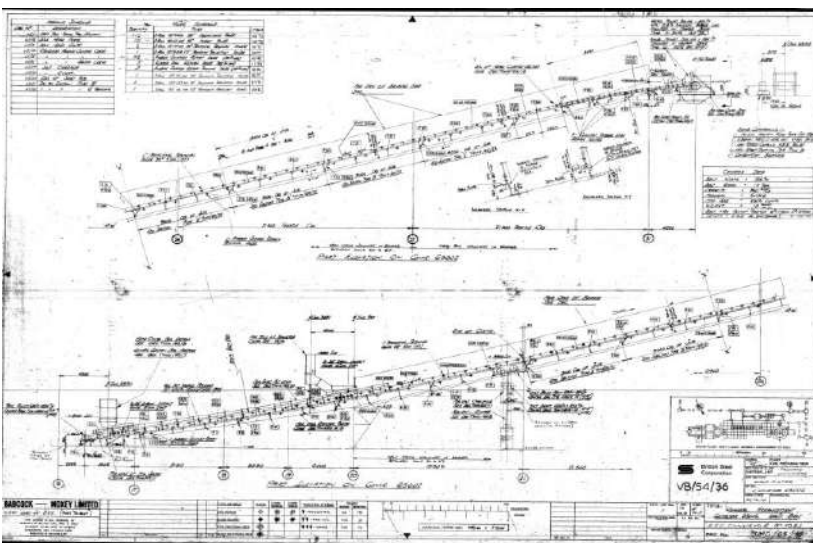
Drawing 51 – Concrete Ramp



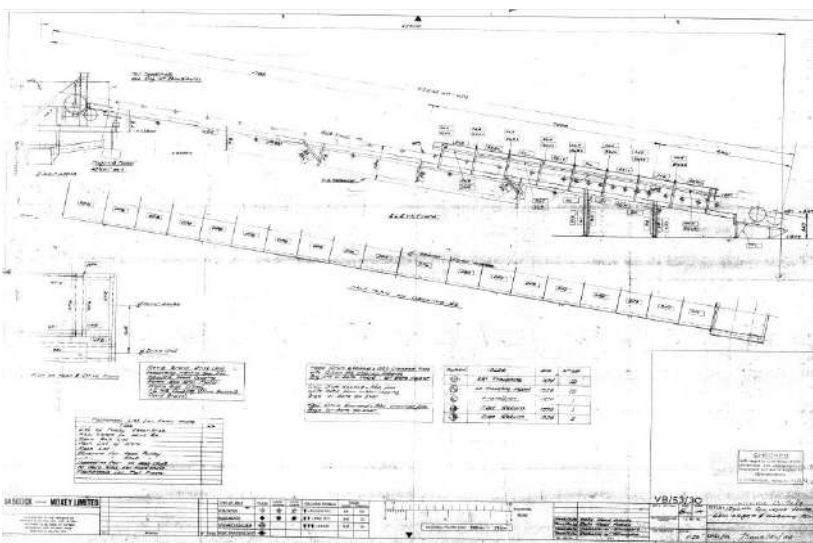
Drawing 52 – Junction House 1026/1027



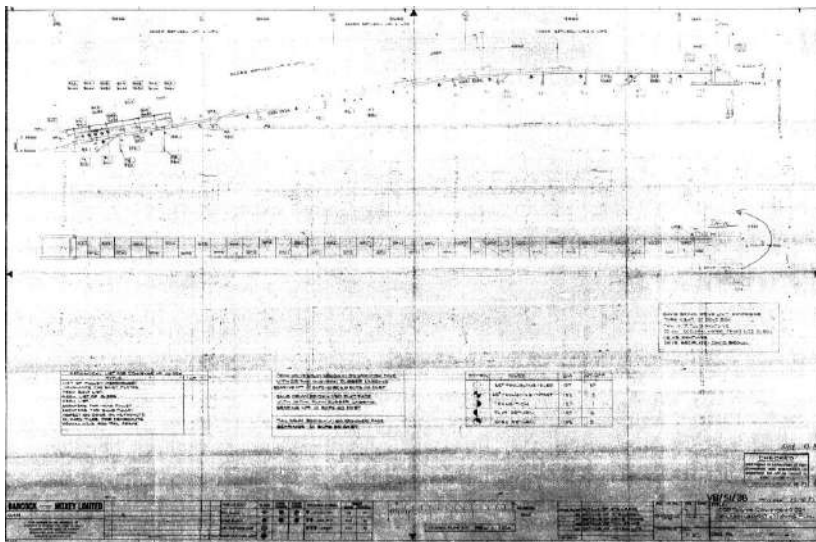
Drawing 53 – Conv 1021



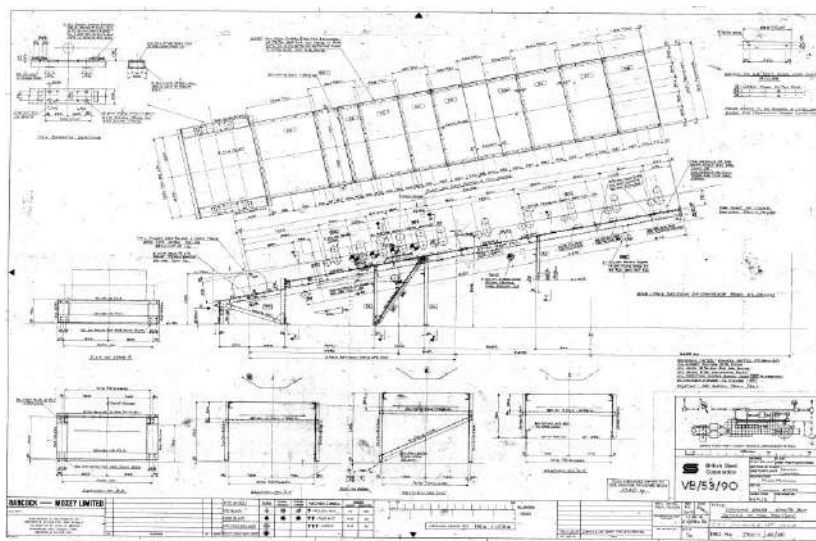
Drawing 54 – Conv 1022



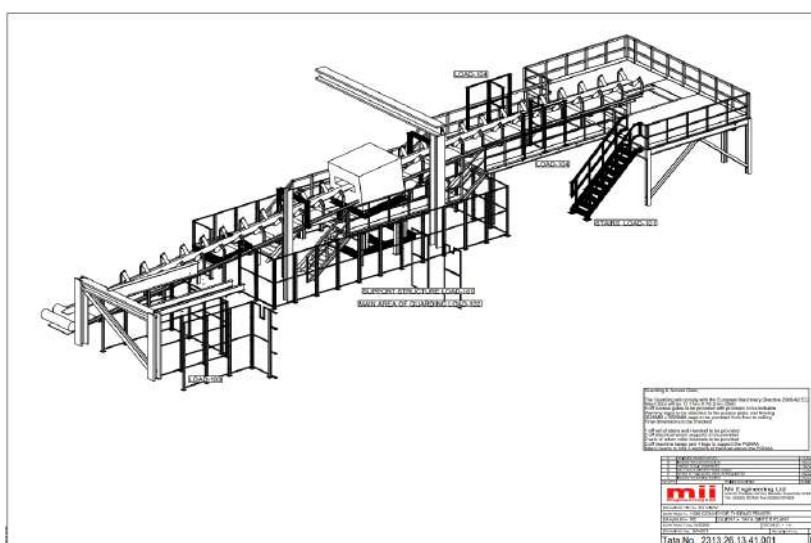
Drawing 55– Conv 1004



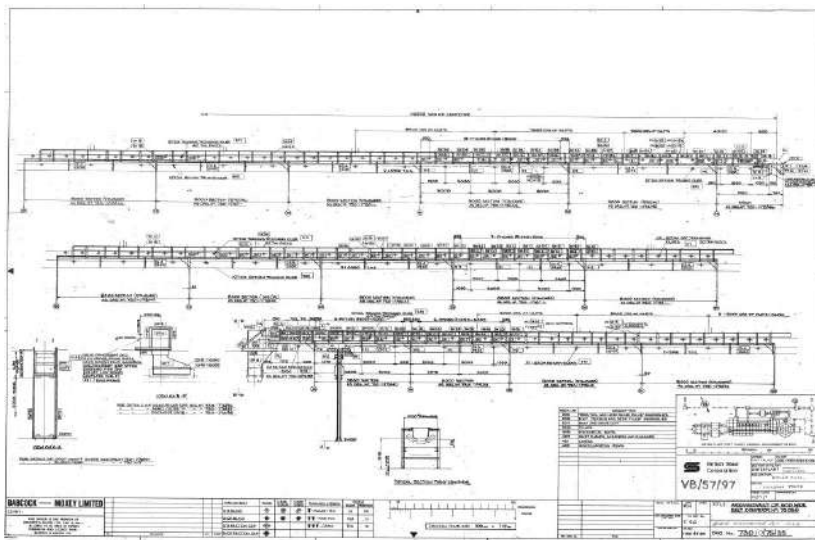
Drawing 56 – Conv 1002



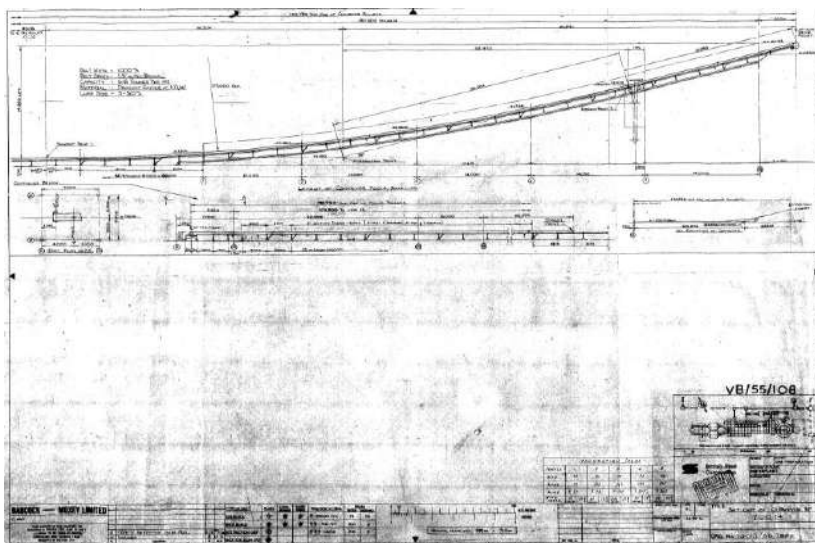
Drawing 57 – Conv 1005



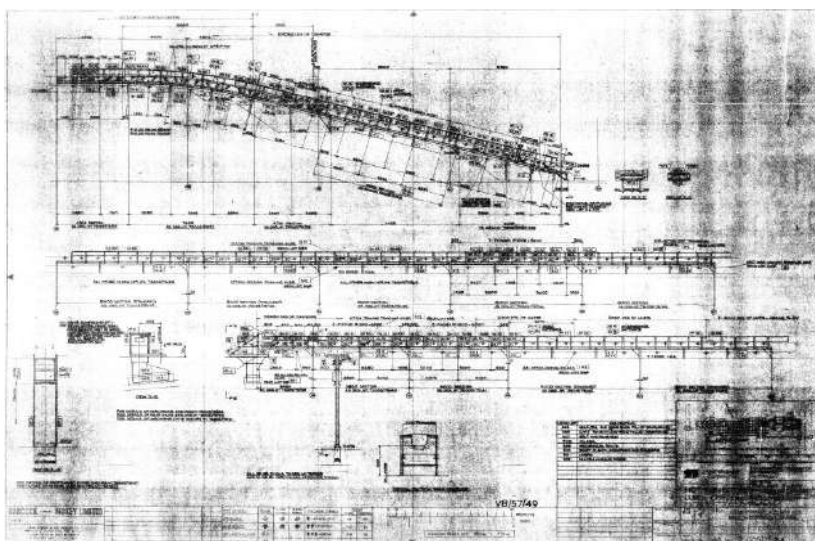
Drawing 58 – Conv 1006



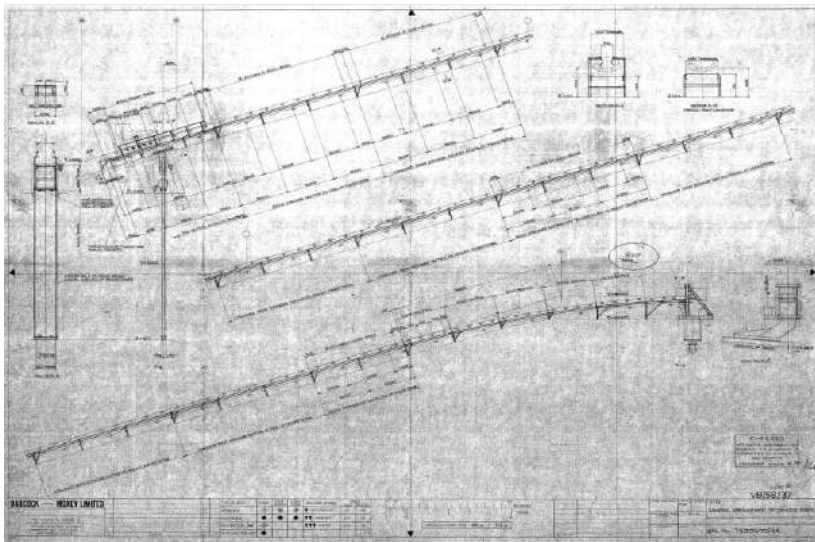
Drawing 60 – Conv 1062



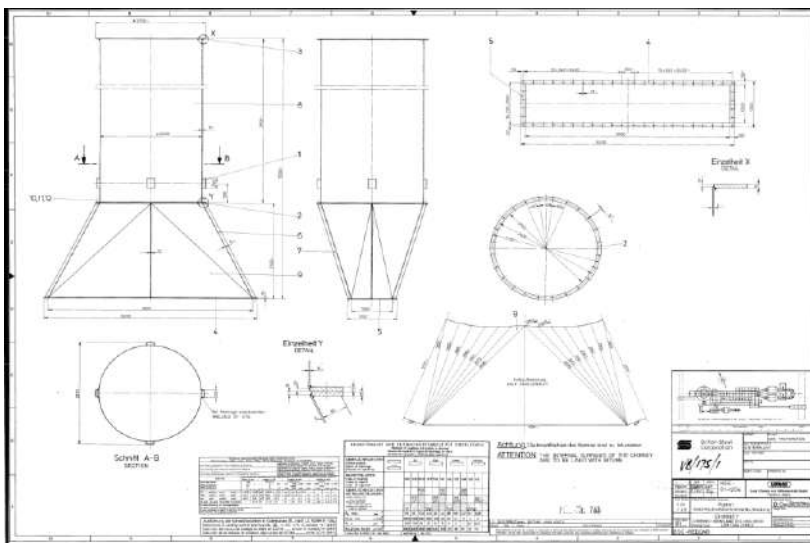
Drawing 61 – Conv 1027



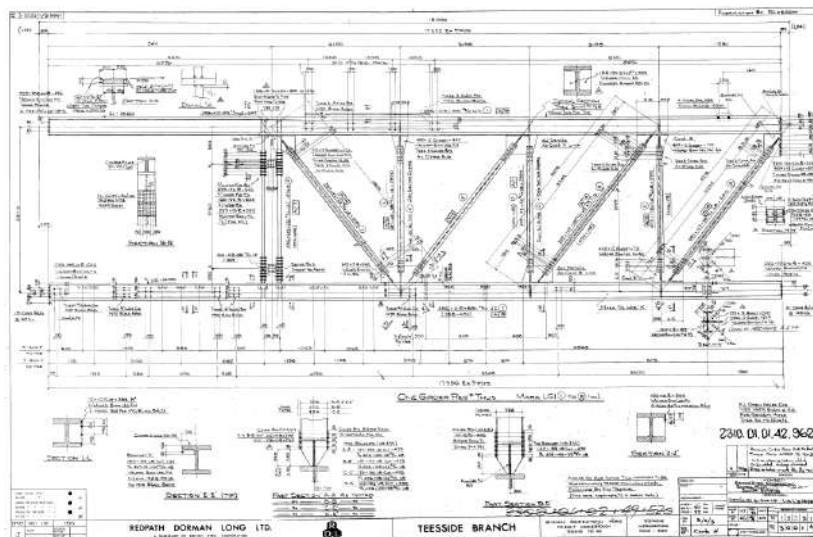
Drawing 62 – Conv 1065



Drawing 63 – Conv 1035

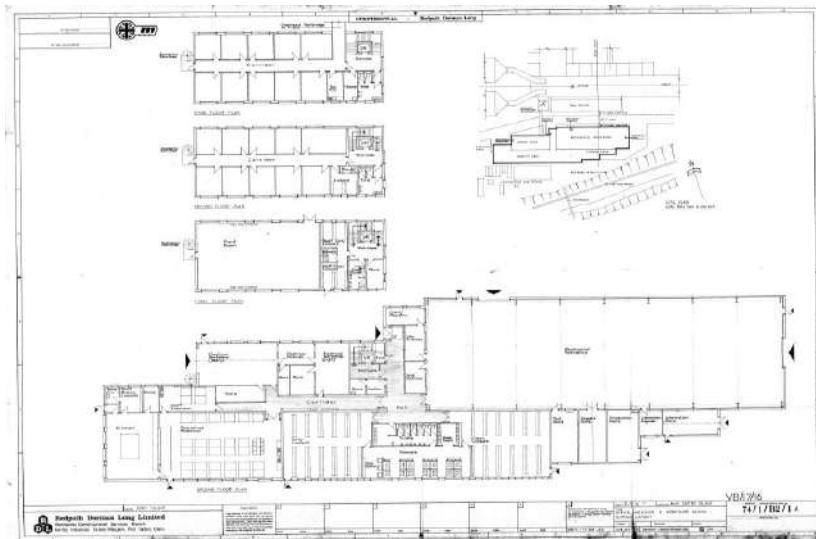


Drawing 64 – Mixer Chimney

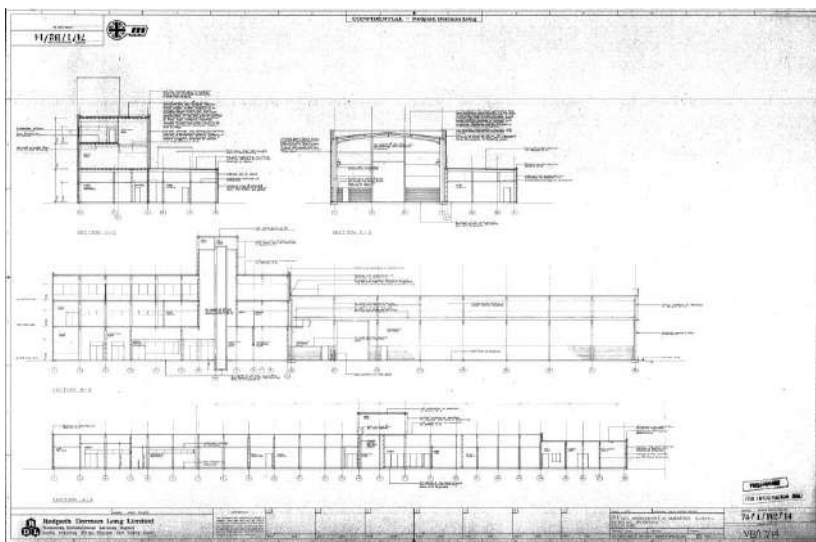


Drawing 65 – Connecting bridge between Sinter plant and Sinter Admin Building

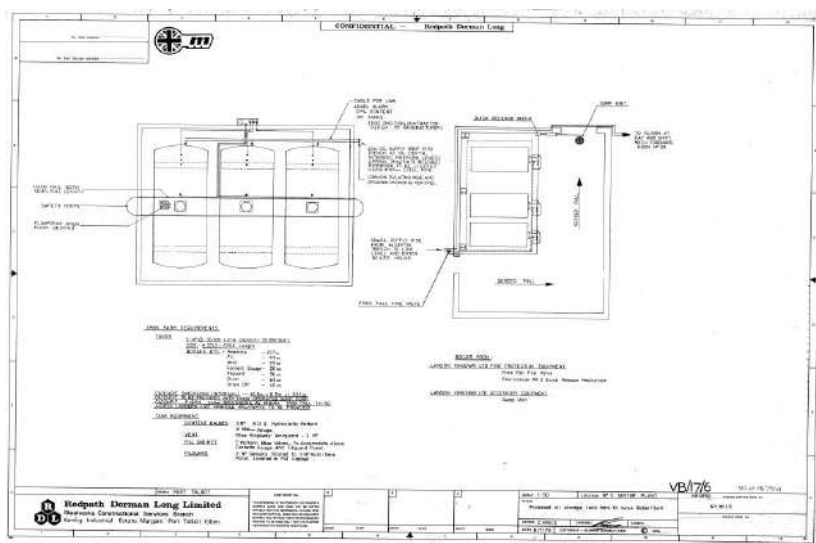
Phase E



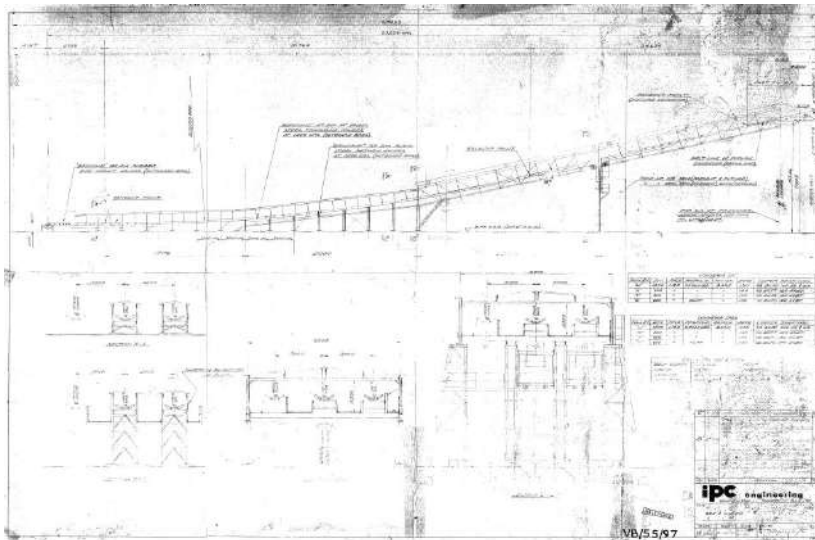
Drawing 66 – Sinter Admin Building and Workshop Layout



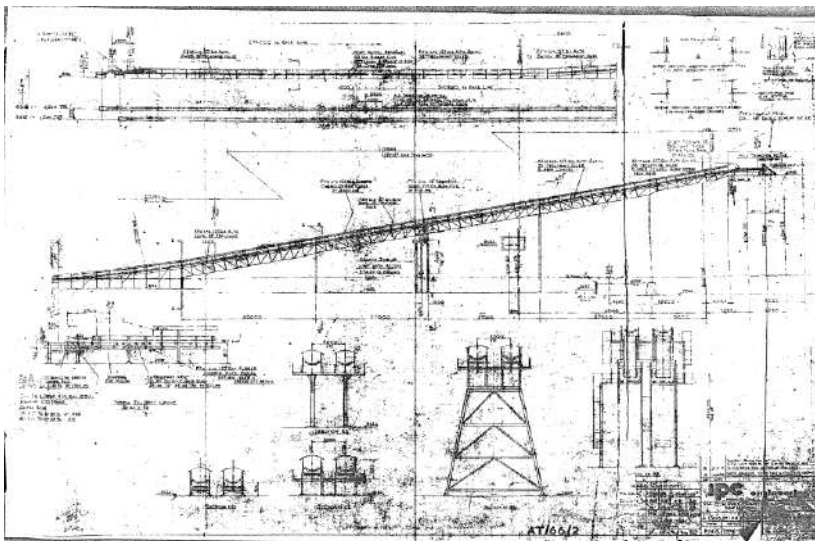
Drawing 67 – Sinter Admin Building and Workshop Section



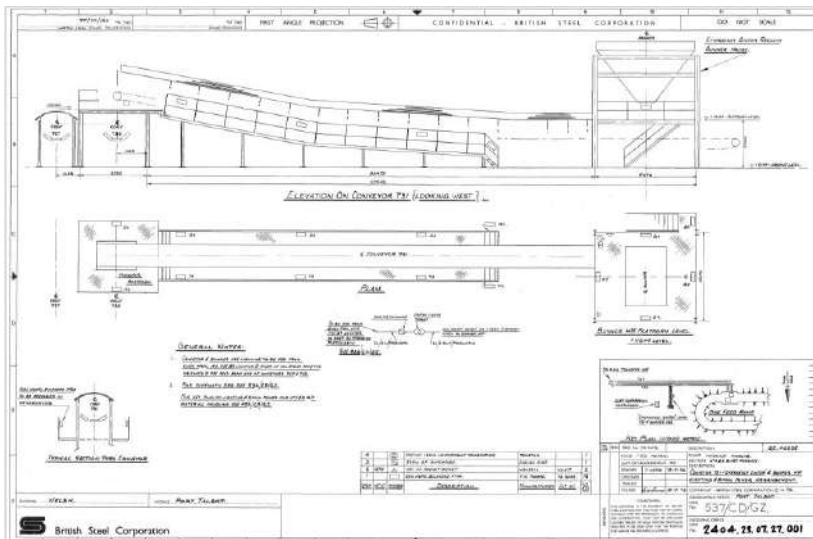
Drawing 68 – Heating Tank Layout



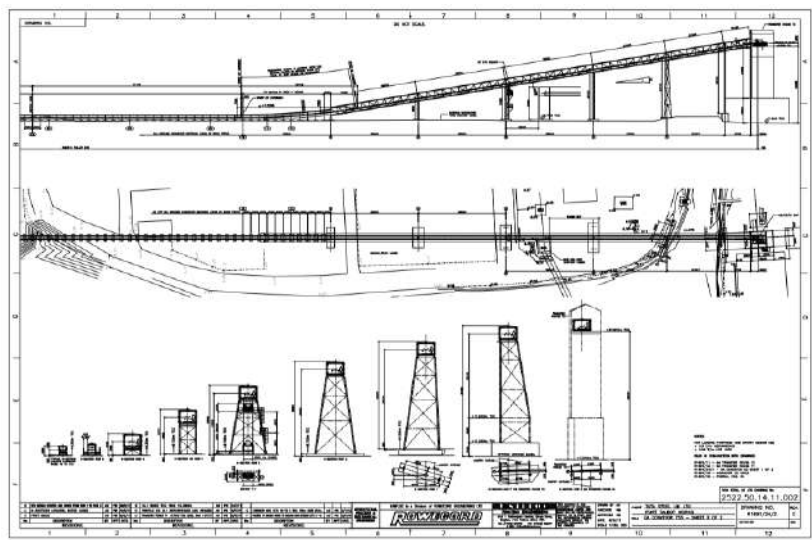
Drawing 72 – GA of Conveyors 711 & 716



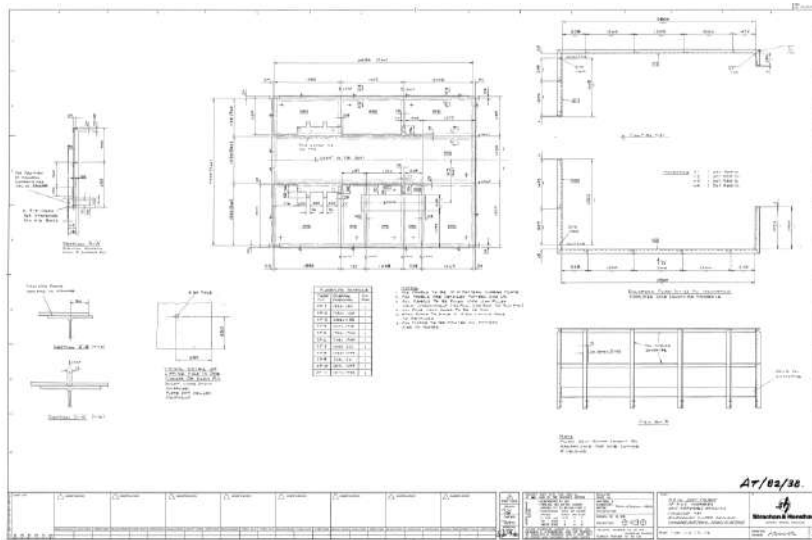
Drawing 73 – GA of Conveyors 727 & 735



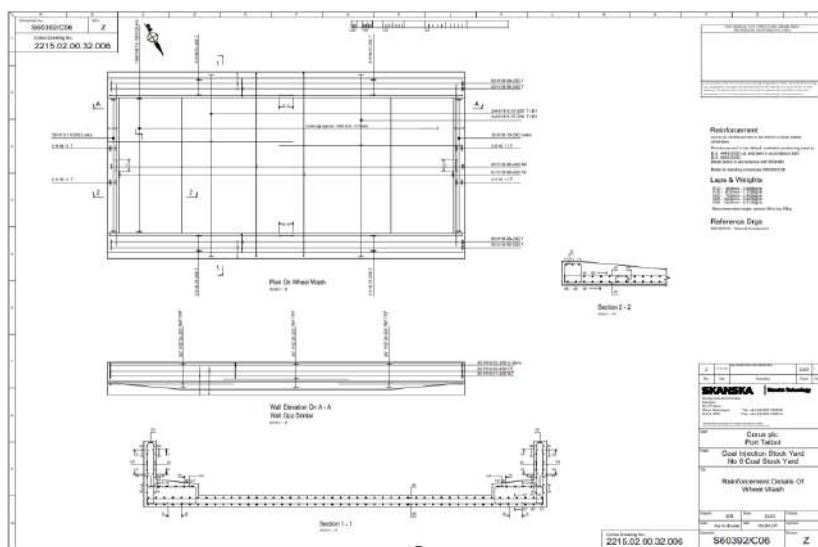
Drawing 74 – Layout of Conveyors 731



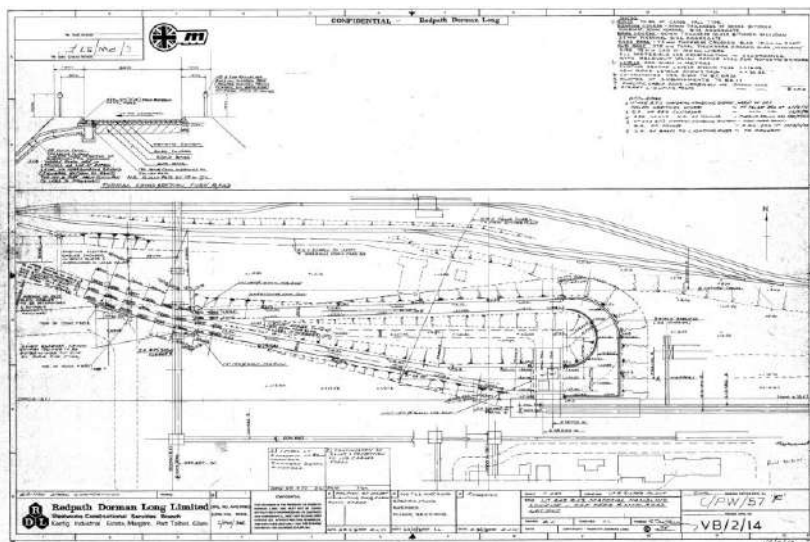
Drawing 75 – Layout of Conveyors 753



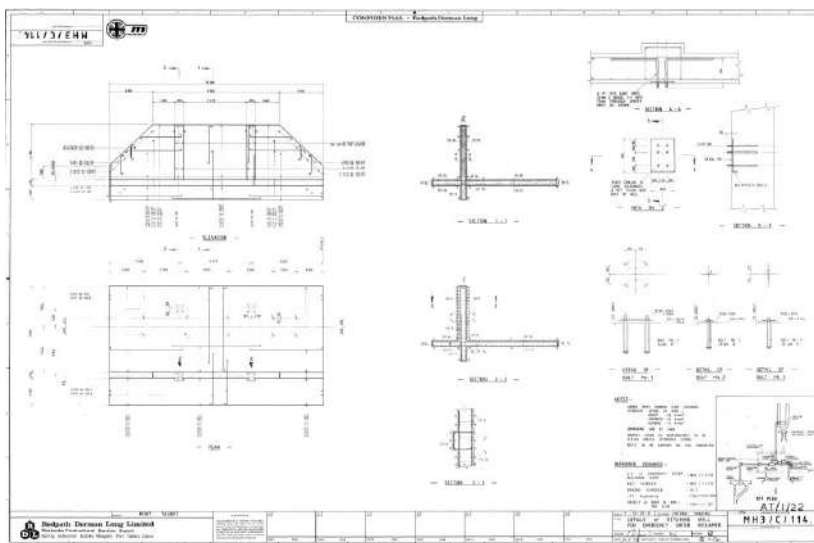
Drawing 76 – Arrangement of transfer platform for Conv. 731



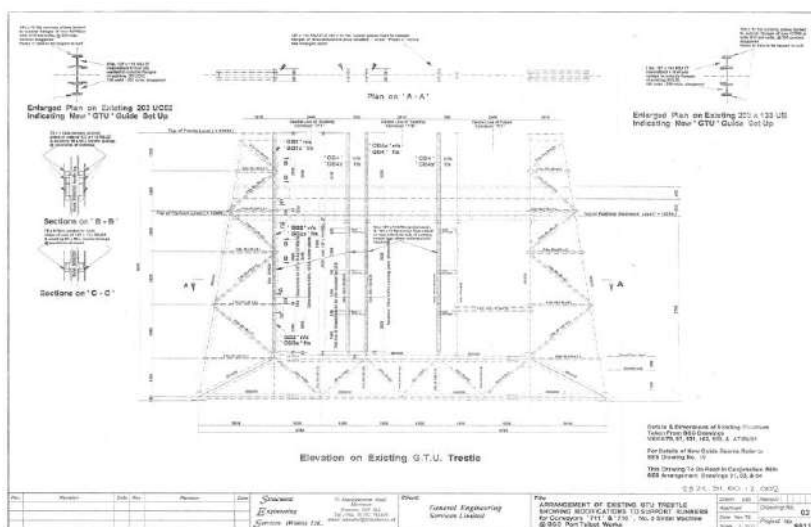
Drawing 77 – Wheel wash detail



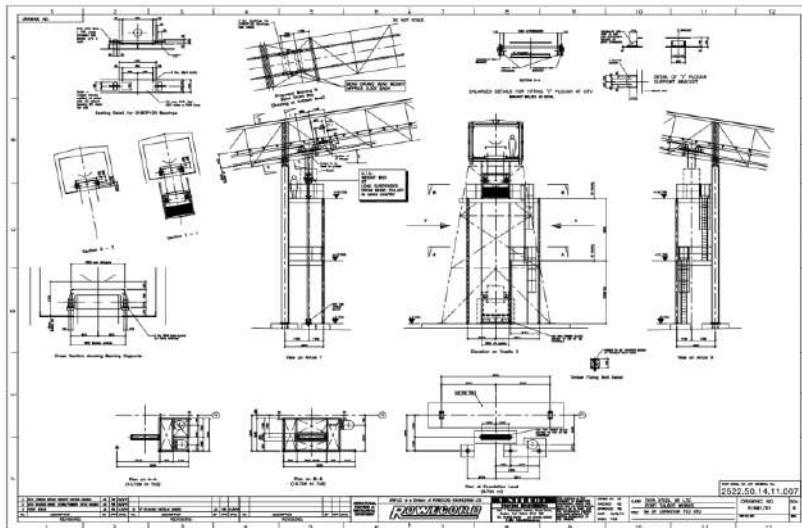
Drawing 78 – Coke bunker Loading Ramp



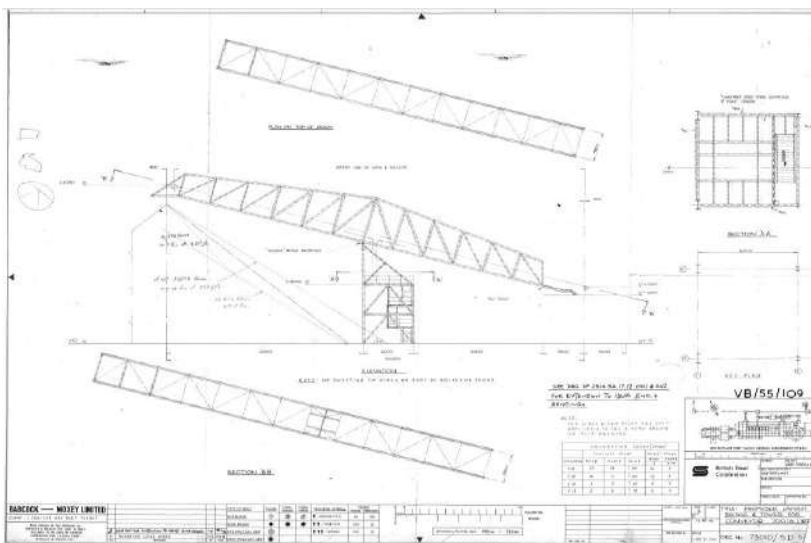
Drawing 79 – Emergency Sinter plant reclaimer retaining wall Ramp (Wall at Conveyor 731)



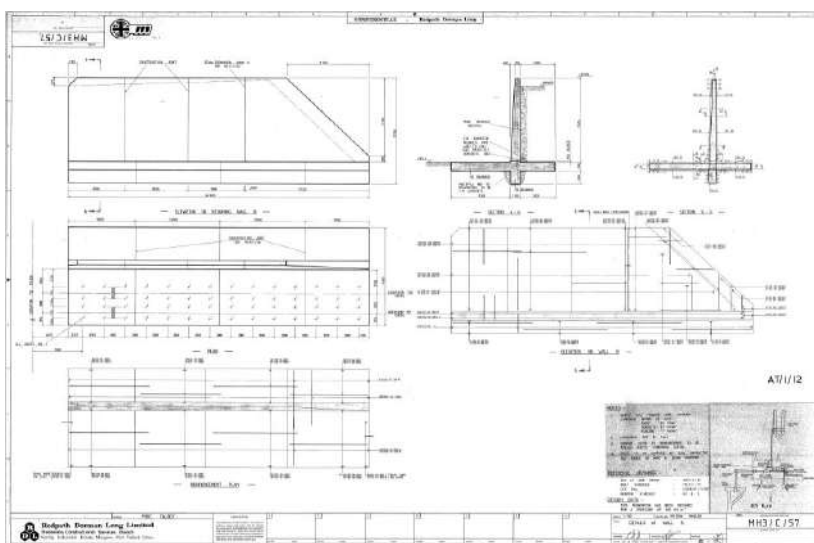
Drawing 80 – Conv 711 and 716 GTU



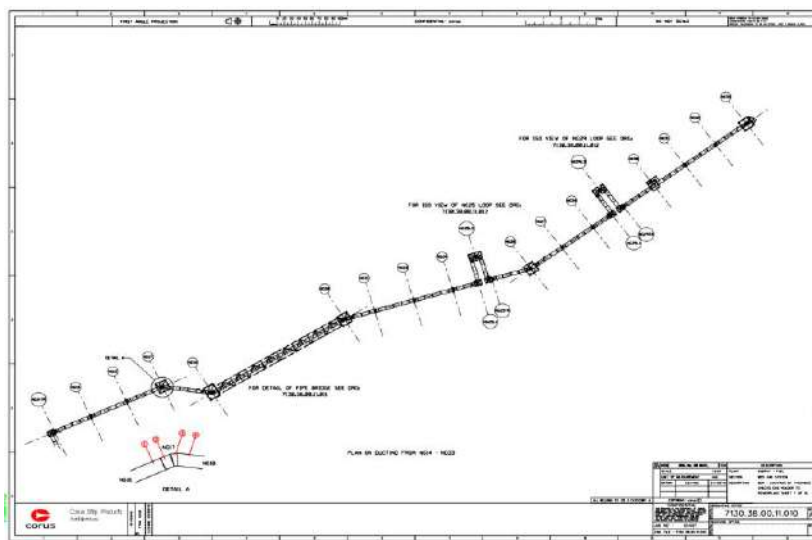
Drawing 81 – Conv 753



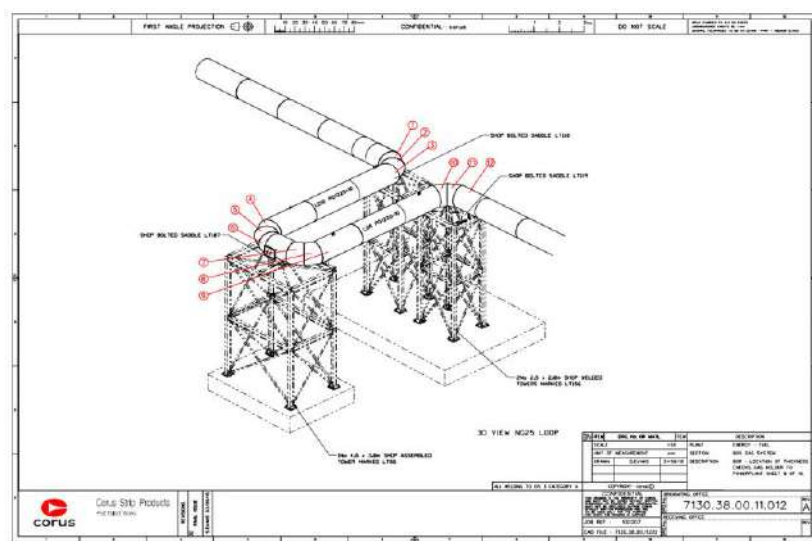
Drawing 82 – Conv 1028 & support



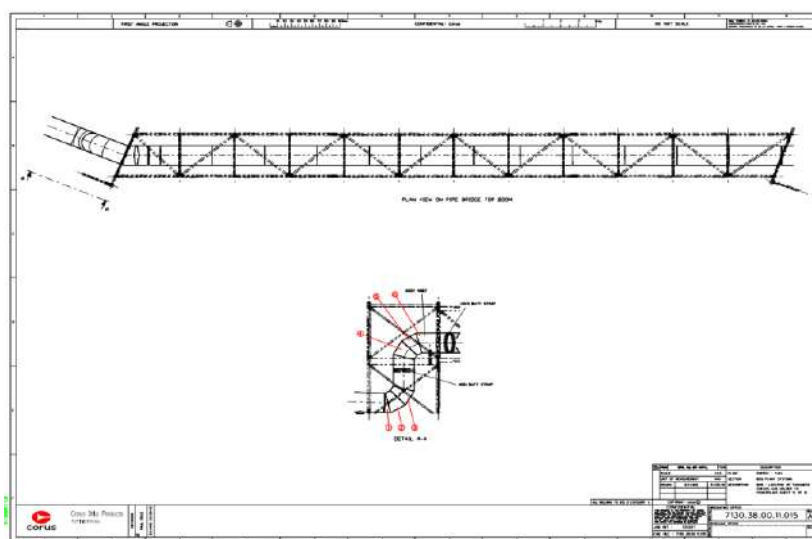
Drawing 83 – Coke bunker earth retaining wall



Drawing 84 – BOS Pipe Layout

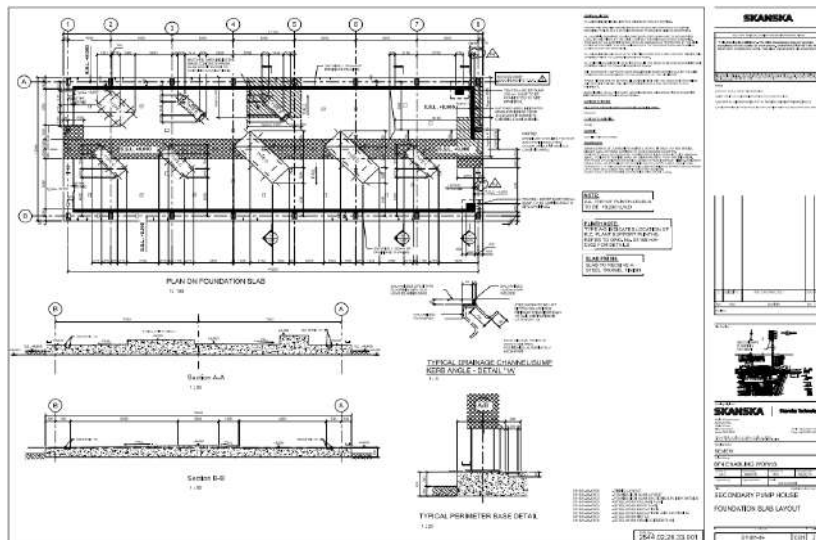


Drawing 85 – BOS Pipe loop support

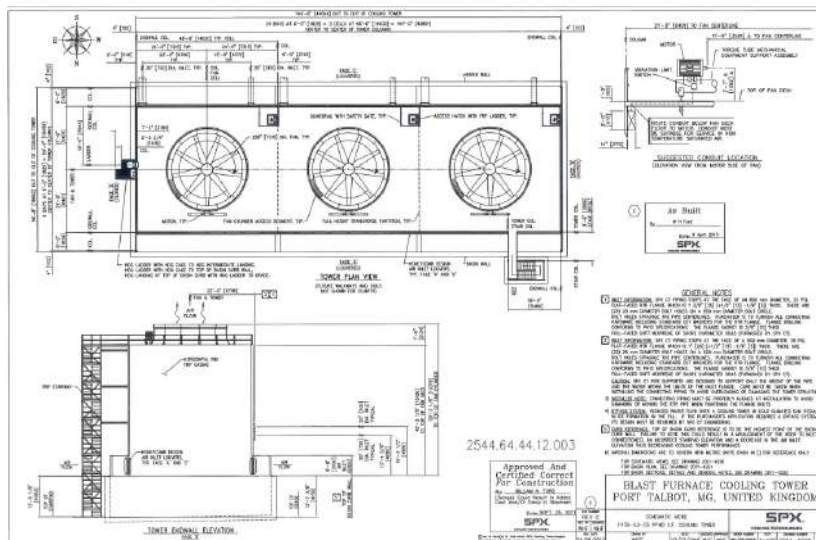


Drawing 86 – Pipe bridge

Phase H



Drawing 90 – Pump House drawing



Drawing 91 – Cooling Tower