

10.0 HISTORIC PHOTOGRAPHIC RECORD

Figure 10.1: Winching a new crane girder into position. (c.1977)
Source: Greenhalgh (1999: 19)

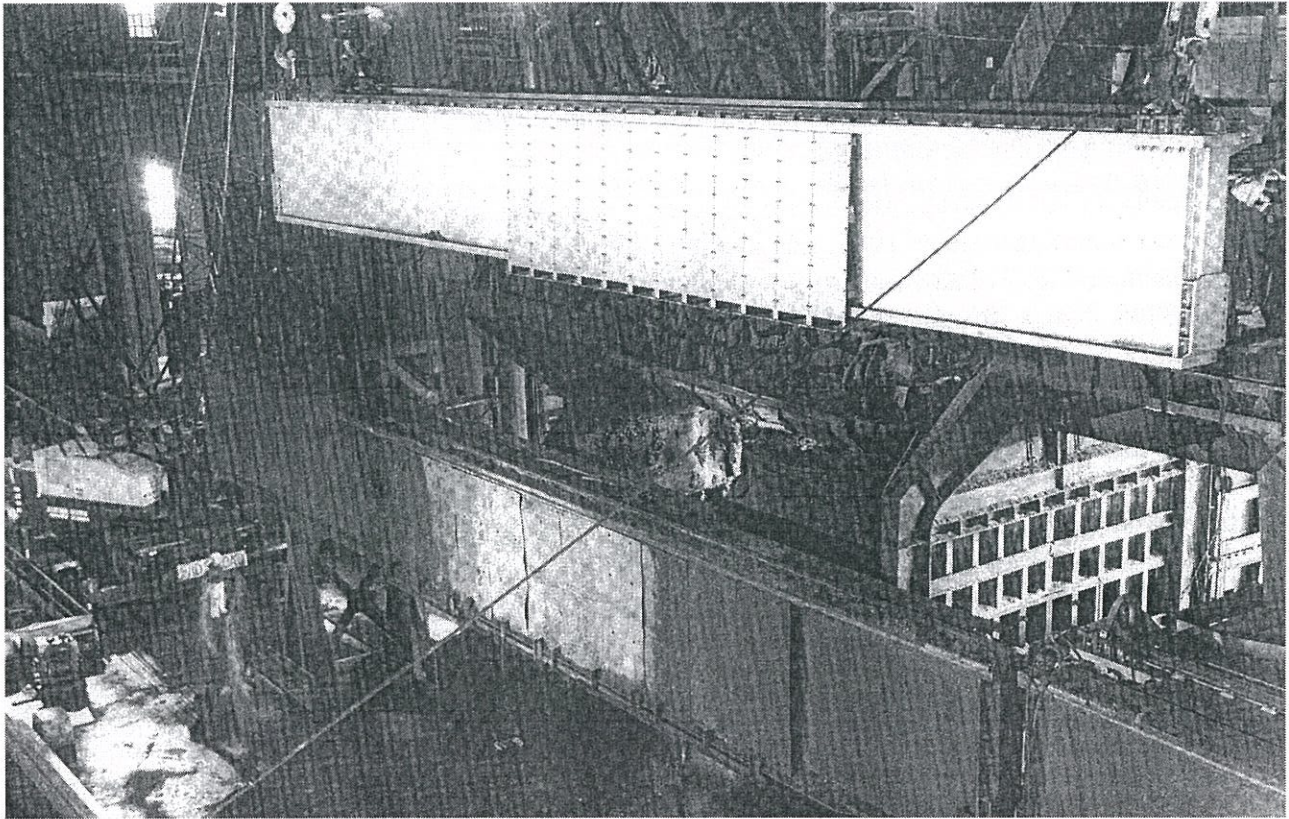


Figure 10.2: The BOS holding bay under construction.
Source: Greenhalgh (1999: 78)

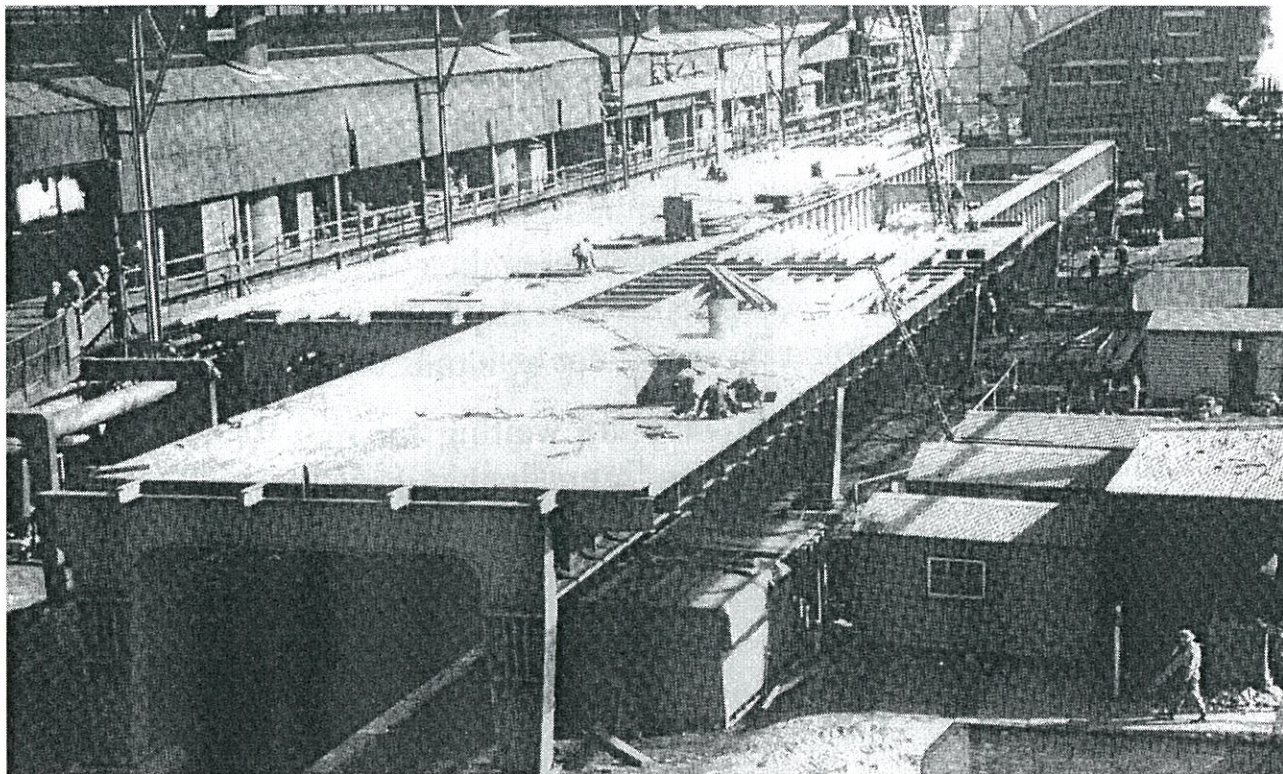


Figure 10.3 BOS under construction.
Source: Greenhalgh (1999: 82)

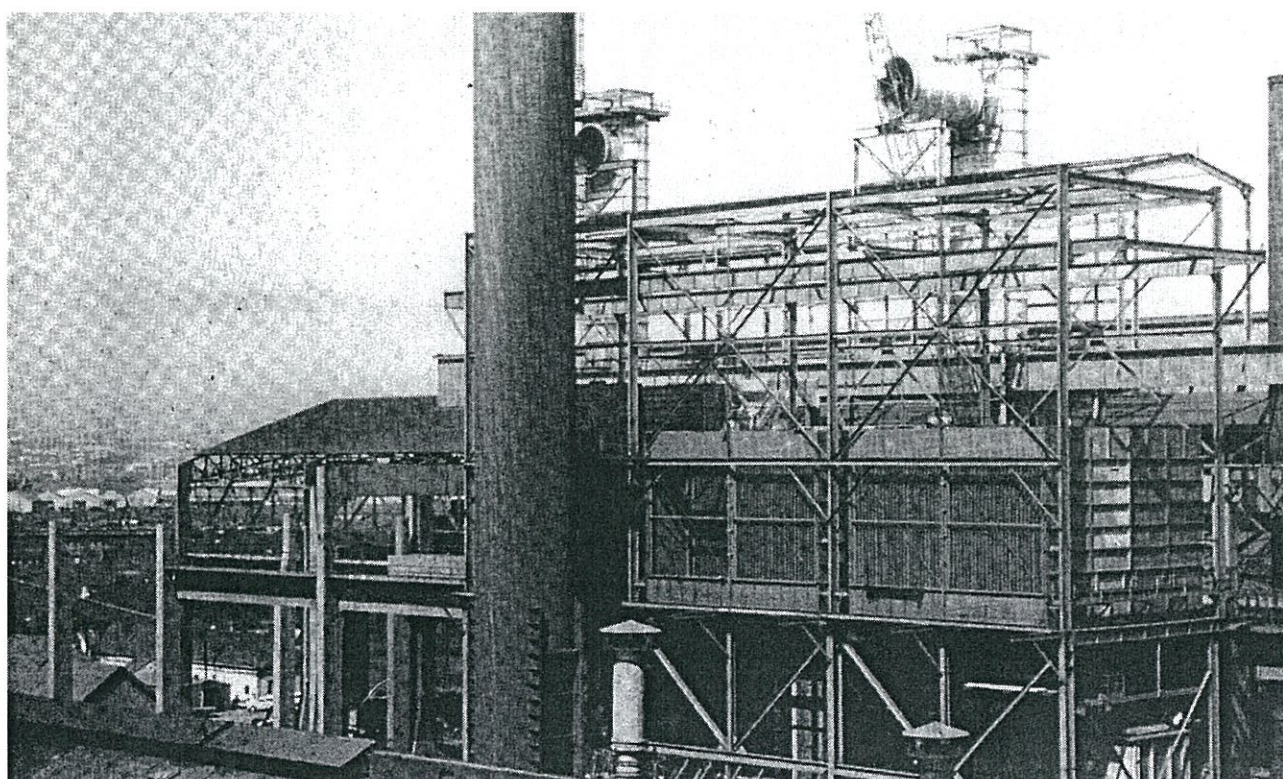
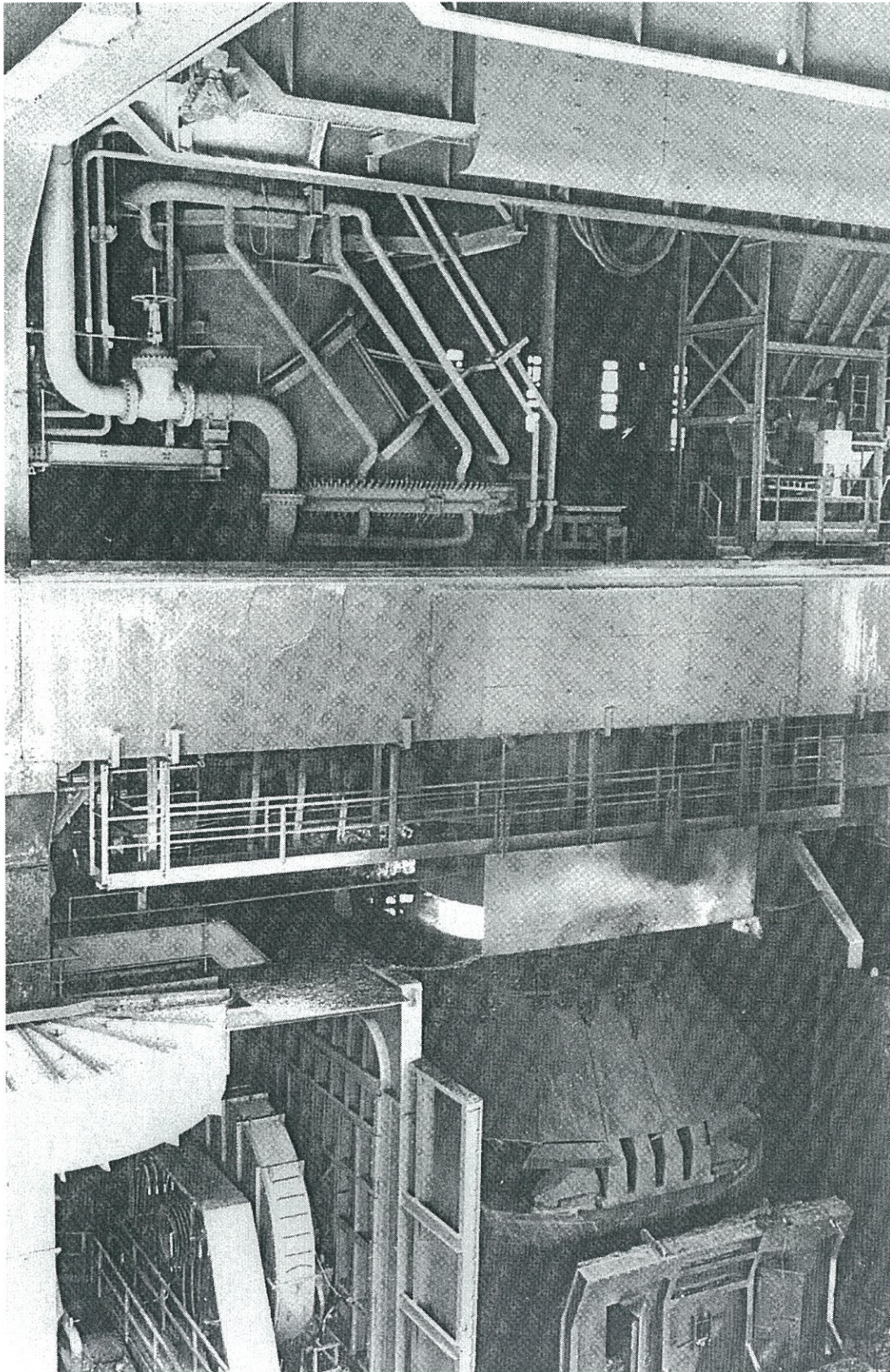


Figure 10.4: A 200 ton furnace during an oxygen blow.
Source: Greenhalgh (1999: 87)



11.0 FULL FORMAT PHOTOGRAPHS

The following Photographs are from Albert Erzetich.

Camera: Linhoff 5"x4" negative format view camera. Wide angle and telephoto lense

Film: Kodak T-MAX 100 or 400 ASA black and white

Figure 11.1: View North/ West of BOS and Condensers. Roadway is used by all vehicles including Kress carrier that removes slag pots from bottom tapping at BOS Furnaces.

Source: Erzetich no 010 ref no. B21/01

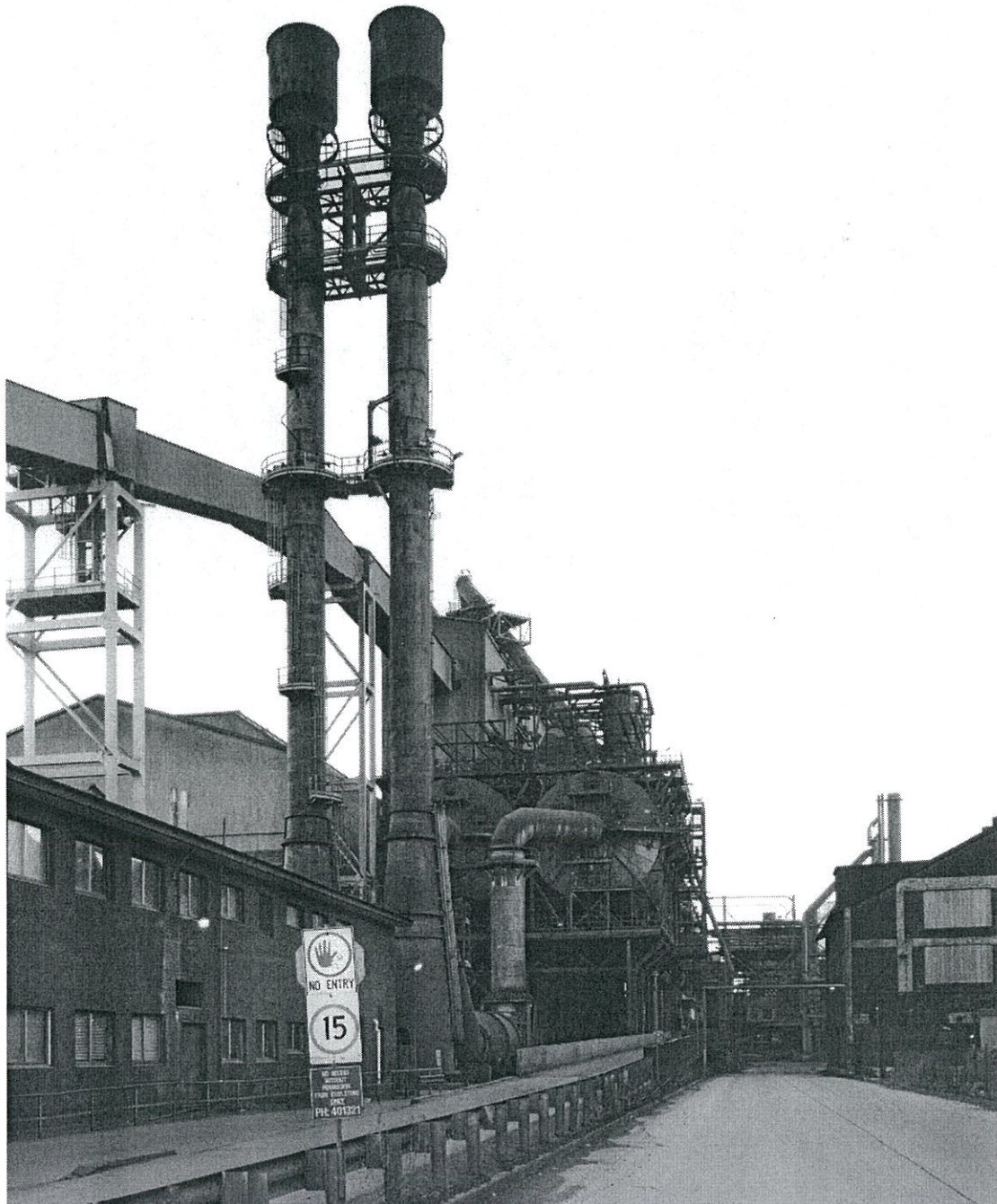


Figure 11.2: Operation at BOS department at Eastern end of plant. Dumping of slag into slag pots in process.

Source: Erzetic no 57 ref no. B04/16



Figure 11.3: Operation of slag dumping.
Source: Erzetic no 58 ref no. B03/01



Figure 11.4: Jack hammer removing slag build up on brickwork in ladle
Source: Erzetich no 59 ref no. B04/06



Figure 11.5: Oxy lance clearing of core hole in ladle prior to reuse
Source: Erzetich no 60 ref no. B04/15

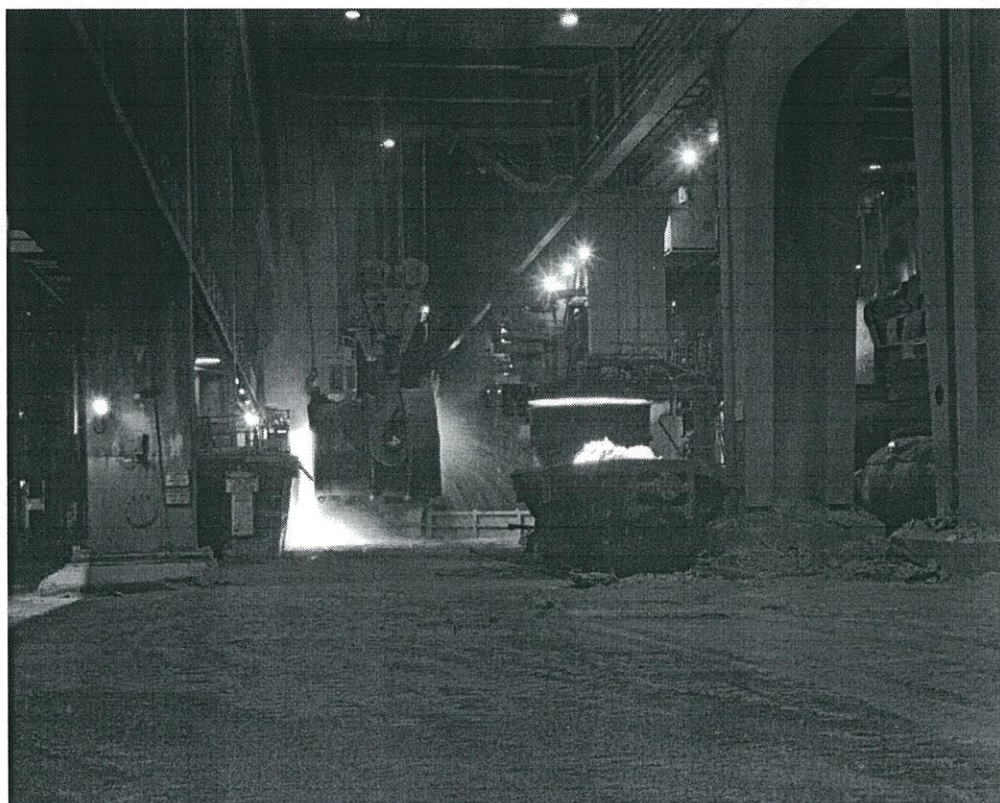


Figure 11.6: Hot metal ladles being lowered into position at pouring pits
Source: Erzetic no 62 ref no. B03/10



Figure 11.7: No1 Furnace pouring liquid metal into hot metal ladle
Source: Erzetich no 63 ref no. B26/30



Figure 11.8: Ladle in rebricking area
Source: Erzetic no 68 ref no. B03/06

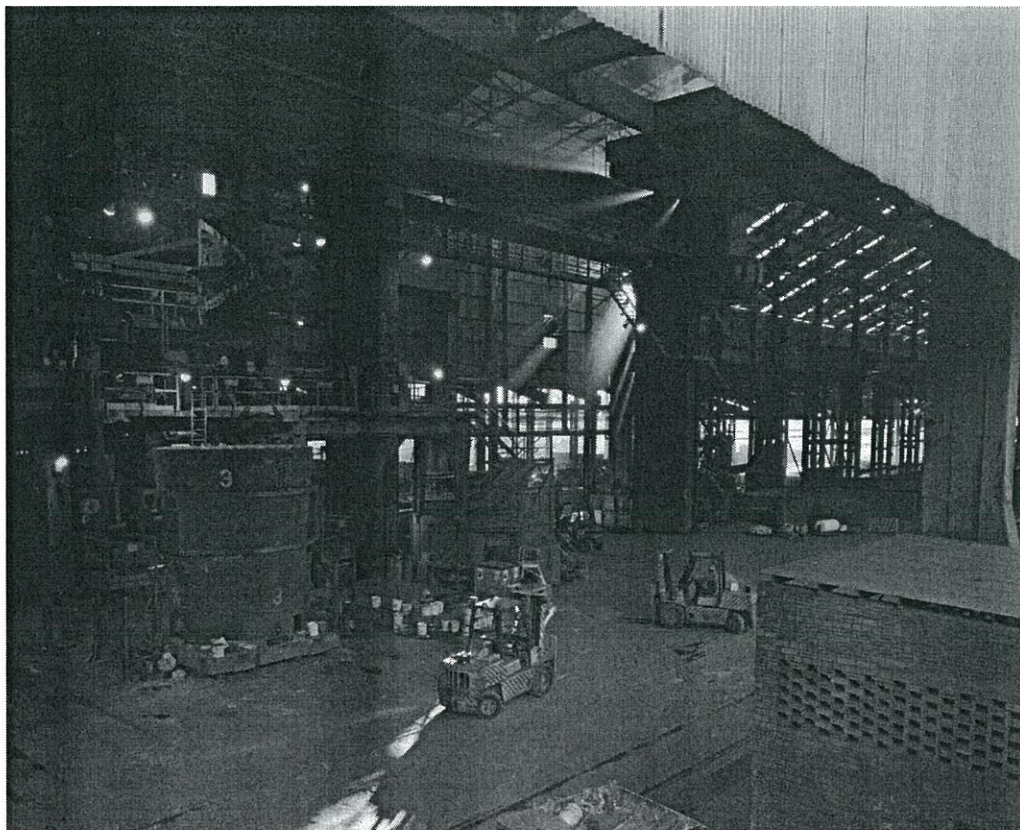


Figure 11.9: Ladle Metallurgy Furnace.
Source: Erzetich no 71 ref no. B22/14

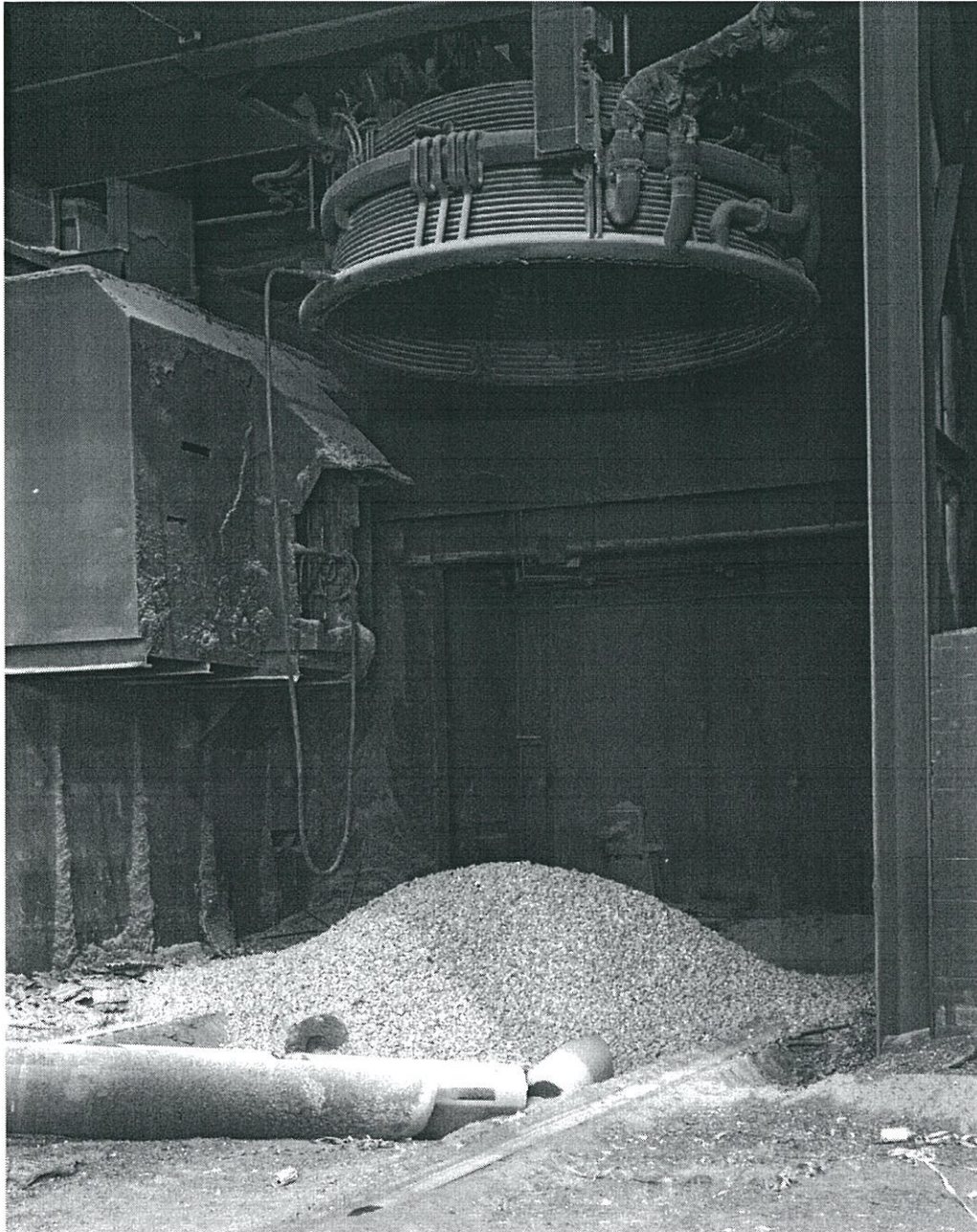


Figure 11.10: Hot metal ladle with heater lid
Source: Erzetich no 73 ref no. B22/45

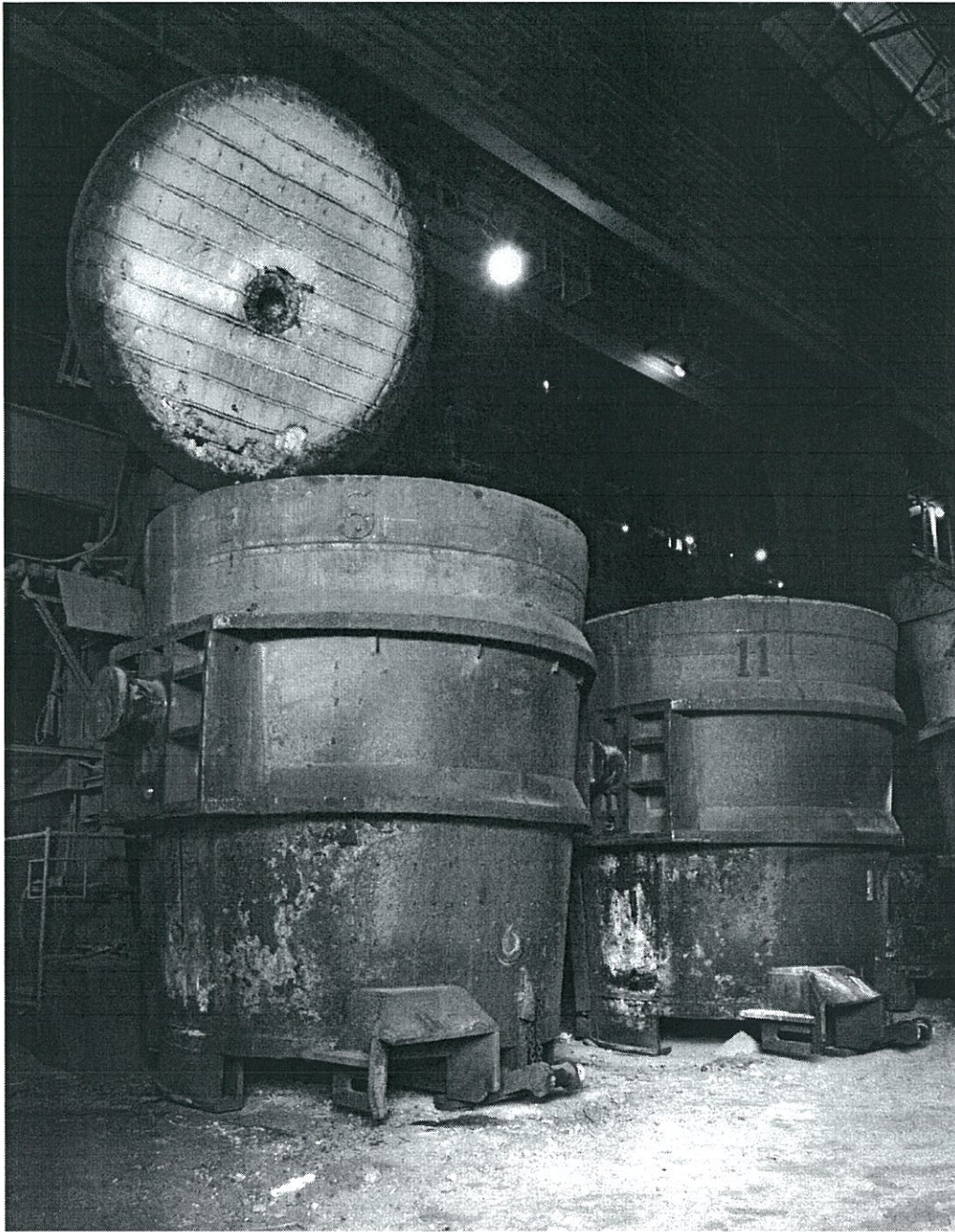


Figure 11.11: No1 BOS Furnace
Source: Erzetic no 74 ref no. B22/26

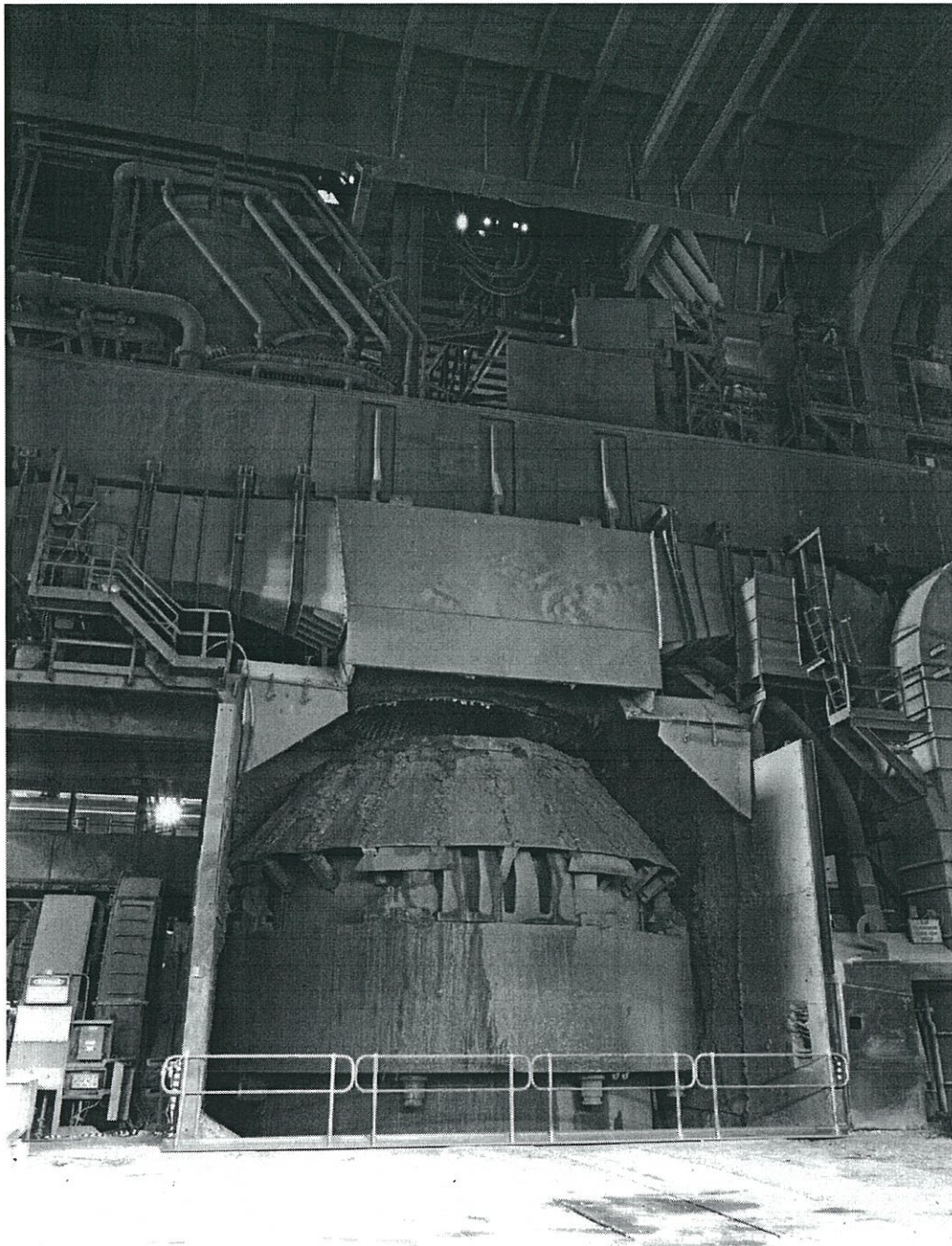


Figure 11.12: No 1 and 2 BOS Furnaces
Source: Erzetic no 75 ref no. B22/27

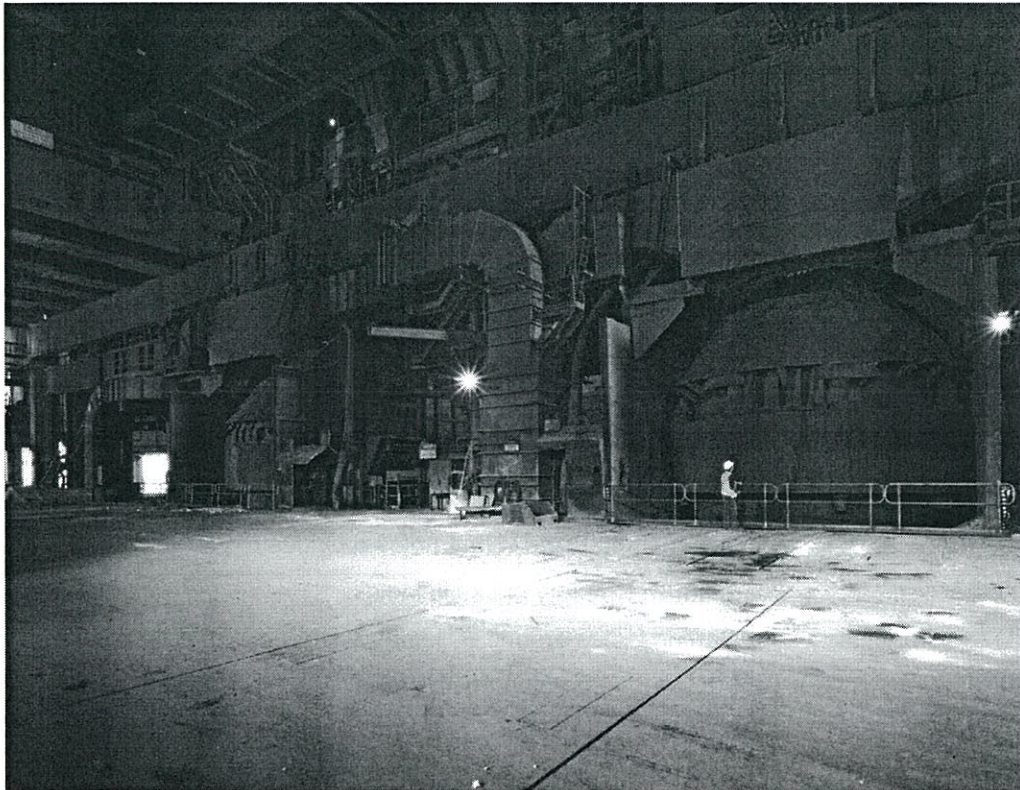


Figure 11.13: BOS furnace from hot metal charging aisle
Source: Erzetic no 77 ref no. 224/47



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12.0 INVENTORY OF EQUIPMENT, FITMENTS AND FINISHES

ITEM	DESCRIPTION
No 1 BOS Furnace	Commissioned in 1962, this 200 ton furnace includes a vessel, hood and fume collection system installed in 1987 with subsequent modifications.
No 2 BOS Furnace	Commissioned in 1963, this 200 ton furnace includes a vessel, hood and fume collection system installed in 1987 with subsequent modifications
X Ladle metallurgy Furnace (LMF)	Electric Arc heating system consists of 3 electrode holders which lower graphite electrodes into ladle to reheat the steel.
X LMF transformer	35MW transformer which feeds current to graphite electrodes
Ladles	Brick lined ladles includes 200 ton charging ladle and transfer ladles.
X Lance	Water cooled pipe with 4 holes provides oxygen to BOS
Preheater station	Warms refractory bricks in ladles
Ladle transfer cars	Carries ladles around building and to Bloom Caster
X Cranes	50/50/15 T scrap charging crane No36 and No59 20 T Scrap handling crane No42. 300/75/15 T Charging crane No31 and No33 300/75/15 T Teeming crane No34 and No35 120 T crane No22.
Precipitators	Installed to improve the fume extraction and emissions control. Replaced original precipitators.
Ladle repair area	Prepares ladles for reuse. Stations include: Ladle treatment plant, Ladle slag rake, Slide gate nozzle platform, and rebricking area.
X Lance holder	Carousel holding 12 lances for use in BOS furnace
Ladle Weighbridge	Measures weight of iron ladles and area for metal sampling

13.0 APPENDICES

Appendix A: Manual camera negatives and photos

Appendix B: Digital images Proof Page and disk

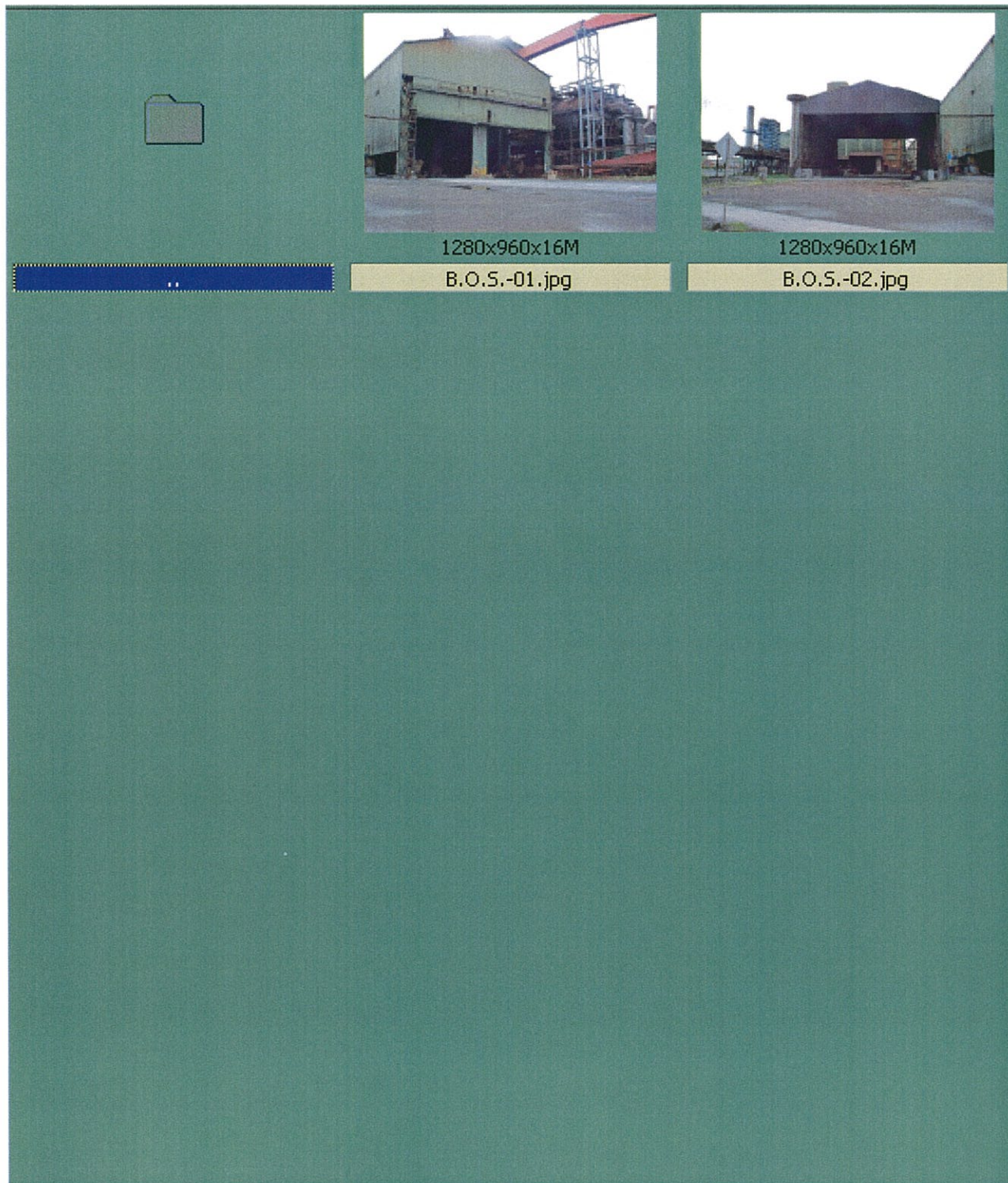
Appendix C: Archive Drawing Register Disk

13.1 Appendix A: Manual camera negatives and photos

Refer to the final Archive Report master copy, to be submitted to the NSW Heritage Office, for negatives and additional mounted manual photographs.

13.2 Appendix B: Digital images Proof Page and disk

Refer to the final Archive Report master copy, to be submitted to the NSW Heritage Office, for the digital images disc.



13.3 Appendix C: Archive Drawing Register Disk

Refer to the final Archive Report master copy, to be submitted to the NSW Heritage Office, for the drawing register disk. Also accompanying the master copy shall be full size prints of the drawings as included in Section 9.0 -"Diagrammatic Records & Drawings".