

IMPORTANT NOTE:
THE SKIRTS, GUARDS AND DUST COVERS SHOWN ON THIS DRAWING CONTAIN COMPONENTS WHICH ARE PROTECTED BY AUSTRALIAN PATENTS. FOR FURTHER INFORMATION CONTACT H and B MINING SERVICES 08 9243 1993



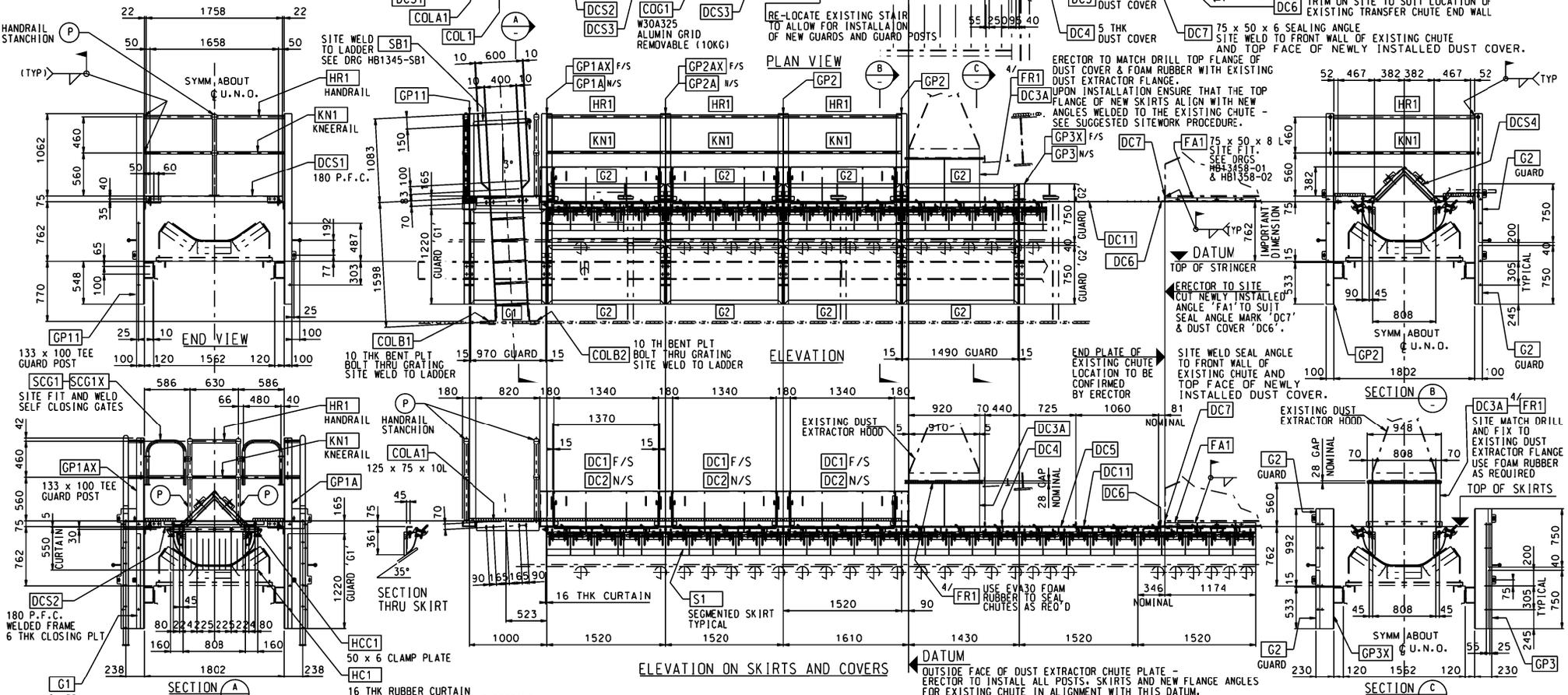
65 x 10PLT STILES
DIA 20 RUNGS
100 x 75 x 10L OUTRIGGERS
W30A325 GRID MESH
FIT AND WELD ON SITE

GENERAL NOTES :-

1. ALL LEVELS GIVEN IN METRES.
2. ALL DIMENSIONS GIVEN IN MILLIMETRES.
3. COLUMNS MARKED ON NORTH OR WEST FLANGE FACE.
4. HORIZONTAL MEMBERS MARKED ON TOP FACE AT NORTH OR WEST END.
5. VERTICAL BRACING MARKED AT TOP END.
6. ALL CHANNELS, ANGLES & FRAMES TO BE ERECTED WITH DIRECTION OF LEGS AS SHOWN ON PLANS & ELEVATIONS.
7. ERECT CHANNELS WITH D/S WEB FACE AGAINST FIN PLATES (BACK OF CHANNEL) U.N.O.
8. HANDRAIL, KNEE RAIL & KICKFLAT TO BE SITE RUN REFER DRAWING NOS - N/A
9. REFER SUGGESTED SITEMARK PROCEDURE: HB1288-SSP-01
10. REFER SITE BOLT LIST : HB1288-BL-01

GENERAL FABRICATION NOTES :-

1. ALL HOLES TO BE 22 DIA U.N.O.
2. ALL BOLTS TO BE M20 CLASS 8.8 U.N.O.
3. ALL WELDS TO BE 6 mm CONT. FILLET U.N.O.
4. ALL WELDS TO CONFORM TO AS 1554 CATEGORY S.P.
5. ALL FITTINGS LOCATED CENTRALLY U.N.O.
6. ALL INTERNAL NOTCHES TO HAVE 11mm RADIUS U.N.O.
7. ALL STEELWORK WELDING & FABRICATION TO CONFORM TO CURRENT S.A.A. CODES & HAMERSLEY IRON STANDARD SPECIFICATIONS HD-C111 & HD-C112.
8. ALL R.H.S. & S.H.S. TO CONFORM TO AS1163 U.N.O.
9. SURFACE TREATMENT: HOT DIP GALV.
10. ALL MARK NUMBERS TO BE HARD STAMPED & PAINTED AFTER TREATMENT IN LOCATION SHOWN ON DRAWING.
11. ALL SNIPES TO BE 15 x 15 U.N.O.
12. ALL BURRS AND SHARP EDGES TO BE REMOVED.



HB1358-01	G.A. SHT 1
HB1358-02	SITEMARK G.A. SHT 2
HB1358-04	TAIL END SKIRTS G.A. SHT 4
HB1288-05	EMSS SEGMENTED SKIRT PANEL G.A.
HB1288-06	EMSS BLANK SKIRT PANEL G.A.

REV	BY	DATE	DESCRIPTION	CHKD	APPD
0	EH	2.2.11	ISSUED FOR CONSTRUCTION	GB	

DRAWN	EH	JAN2011
TRACED		
CHECKED	GB	JAN2011
SUPT DRAFT		
PROJ. ENG.		
APPROVED		
APP. FOR CONST.		

PILBARA IRON PTY. LIMITED
ASSET MANAGER FOR
HAMERSLEY IRON PTY. LIMITED
ROBE ROBE RIVER MINING COMPANY PTY. LIMITED

EAST INTERCOURSE ISLAND CAR DUMPER CONVEYOR 2E HEAD END UPGRADE MARCH 2011 SKIRT HEAD END ARRANGEMENT

SCALE: 1:20
DRAWING NUMBER: HB1358-03
PROJECT NUMBER: 0

REV	BY	DATE	DESCRIPTION	CHKD	APPD
0	EH	2.2.11	ISSUED FOR CONSTRUCTION	GB	



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H & B Mining: “The Experts in Conveyor Skirts”

H & B Mining design and supply a range of “Easy Maintenance” conveyor transfer products to the Australian mining industry with the aim of providing a safer, easier to maintain and more efficient working environment at conveyor transfer points.

H & B Mining was established in April 1993 with the promise of providing a standalone conveyor design service tailored to accommodate the mines of Australia. After witnessing maintenance crews struggling to maintain and change out poorly designed products for conveyor transfers H & B decided to expand its portfolio by developing its own range of ‘Easy Maintenance Products’ for conveyor transfer points including: conveyor idlers, conveyor skirting systems, hinged dust covers, conveyor guards, conveyor diversion plough, streamline conveyor transfer design and the retractable loading boot.

The “Easy Maintenance” conveyor product range harnesses H & B’s vast experience in the field along with the innovative design technology nurtured over the years within the H & B design team. The Australian mining industry has benefited from H & B’s toil, witnessing enhanced overall productivity, reduced shutdown time and improved safety whilst gaining cost effective mining conveyor operations. H & B Mining products have been installed as mine standard by Rio Tinto, BHP Billiton, Roy Hill and FMG, amongst others.

Easy Maintenance Modular Design

The easy maintenance modular design combines drop down idlers, dust covers and guards with the standard easy maintenance skirting system bringing consistency in design at all mining conveyor transfer points. The length of each module is determined by a distance divisible by the length of the skirt liner on the standard skirt panel. This ensures standard positioning of the drop down idlers for easy access to idler rolls whilst also allowing for standardisation in length for all of the guards and covers on the conveyor. The conveyor dust cover supports double up as skirt and guard supports which creates more space in the skirting area, allowing maximum access to all skirt rubber and skirt wear plates. Ensuring that all of the components are identical helps speed up the design, manufacture, installation and most importantly the maintenance of the conveyor system.