



- GENERAL FABRICATION NOTES**
- 1) ALL HOLES TO BE 18 DIA UNO
  - 2) ALL BOLTS TO BE M16 CLASS 8.8 UNO
  - 3) ALL WELDS TO BE 6 mm CONT FILLET UNO
  - 4) ALL WELDS TO CONFORM TO BHP IO SPEC 000-5-0011 & AS 1554 CATEGORY S P UNO
  - 5) FOR GENERAL NOTES SEE DRG



THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG

**ERECTOR NOTE**  
 SITE MODIFY EXISTING GUARDS TO FIT INTO REMAINING GAPS FOLLOWING INSTALLATION OF NEW GUARD POSTS  
 SITE MODIFY FIT AND WELD EXISTING GUARD SUPPORT CUPS TO NEW END GUARD POSTS TO ACCOMMODATE MODIFIED GUARDS  
 TYPICAL AT BOTH ENDS OF CONVR

**ERECTOR NOTE**  
 WHERE REQUIRED SITE MODIFY EXISTING STRINGER LEG AS SHOWN

**ERECTOR NOTE**  
 ERECTOR TO DISMANTLE REMOVE AND DISCARD SKIRT POST

**ERECTOR NOTE**  
 ALL 3 - EXISTING DUCTS AND DUCT INLETS WILL REQUIRE RE-WORK TO SUIT NEW INLET LOCATIONS  
 THE ERECTOR IS TO DECIDE WHETHER TO RE-BUILD THE EXISTING HOOD INLETS OR TO REWORK THE DUCTING (OR BOTH)

**ERECTOR NOTE**  
 ERECTOR TO DISMANTLE REMOVE AND DISCARD ALL EXISTING PLATFORM SUPPORT STEELWORK, GRATING AND ASSOCIATED HANDRAILING

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**ERECTOR NOTE**  
 ERECTOR TO DISMANTLE REMOVE AND DISCARD ALL EXISTING SKIRTS AND DUST COVERS

**ERECTOR TO PREPARE GAP IN EXISTING STRINGERS FOR THE INSTALLATION OF A NEW 200 P.F.C TO MAKE THE STRINGER A CONTINUOUS MEMBER**  
 TYPICAL B/S OF CONVEYOR

**ERECTOR NOTE**  
 ERECTOR TO DISMANTLE REMOVE AND DISCARD 3 - EXISTING LADDERS

**ERECTOR TO CONFIRM THIS DIMENSION PRIOR TO COMMENCING WITH ANY SITWORKS**

SCALE	AS SHOWN	CLIENT	BHP BILLITON	PROJECT	ORE HANDLING - NEWMAN CONVEYORS - M13											
DRAWN	AP	DRAWING TITLE	SEGMENTED SKIRTING INSTALLATION GENERAL ARRANGEMENT SHEET 1 OF 2	CLIENT DRG No.	H & B DRG No. HB1828-A1											
CHECKED	AP	REV		REV	1											
DESIGNED	AP															
DESIGN CHECK	AP															
PROJECT APP.	AP															
AP FOR CONST	AP															
ISSUED FOR CONSTRUCTION	AP															
DRG NUMBER	REFERENCE DRAWING TITLE	NO	DATE	REVISIONS	DRN	END	APP	NO	DATE	REVISIONS	DRN	END	APP	NO	DATE	



HB1828



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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 Segmented Skirt System for Conveyors

The development of the segmented Easy Maintenance Skirt heralds a dawn of the changing out of skirt liners from the outside of chute and skirted areas. Whilst all of the recognised Easy Maintenance features of the skirt remain, for example the skirt rubber clamping system and vertical liner adjustment, having the ability to access skirt liners externally is an enormous step forward in terms of safety and time saving.

An individual can simply inspect and change out worn or damaged liners safely and within a matter of minutes without the requirement of a confined space entry permit. By utilizing the *eco-light skirt liner* with the segmented skirt design, the combined mass of the liner and removable panel is reduced by 40% making all lifts below 20kg. The eco-light skirt liner is a cast ni-hard liner and when supplied is 100% compatible with the mine standard skirt liners. The eco-light has the same longevity and performs the same function as all standard skirt liners. This innovative step forward in skirt maintenance will make conveyor transfers safer, cleaner and more productive.