

Issue	Description	Drwn	Apvd	Date
1	PRELIMINARY ISSUE	DWS		24.09.19
Α	TENDER ISSUE	LAP		23.10.19
В	RE-ISSUED FOR TENDER	LAP		28.10.19





## SECTION VIEW

TYPICAL CONNECTION SCHEDULE FOR UB, UC & PFC BEAM TO FIN PLATE CONNECTIONS					
BEAM SIZE	PLATE	BOLTS	WELD		
100	10mm	2M10	6mm		
125-150	10mm	2M16	6mm		
180-230	10mm	2M20	6mm		
250-310	10mm	3M20	6mm		
360	10mm	4M20	6mm		
410-460	10mm	5M20	6mm		

NOTE:

• ALL WELDS TO BE CONTINUOUS FILLET WELD ALONG ONE SIDE OF THE PLATE

• M10-M12 BOLTS TO BE COMMERCIAL BOLTS PROPERTY CLASS 4.6 U.N.O. • M16-M36 BOLTS TO BE STRUCTURAL BOLTS PROPERTY CLASS 8.8 U.N.O.

• ALL BOLTS TO BE SNUG-TIGHT (4.6/S & 8.8/S) U.N.O.

## TYPICAL CLEAT PLATE DETAIL SCALE 1 : 10





ALTERNATIVE TOP OF COLUMN DETAIL SCALE 1 : 10







PURLIN CLEAT SCHEDULEDIMENSIONMINIMUM CLEAT SIZES''X''AT SPLICECONTINUOUSUp to 50130 x 8 PLATE75 x 8 PLATEUp to 100130 x 10 PLATE75 x 10 PLATEUp to 150130 x 12 PLATE75 x 12 PLATE						
DIMENSIONMINIMUM CLEAT SIZES"X"AT SPLICECONTINUOUSUp to 50130 x 8 PLATE75 x 8 PLATEUp to 100130 x 10 PLATE75 x 10 PLATEUp to 150130 x 12 PLATE75 x 12 PLATE	PURLIN CLEAT SCHEDULE					
''X'' AT SPLICE CONTINUOUS   Up to 50 130 x 8 PLATE 75 x 8 PLATE   Up to 100 130 x 10 PLATE 75 x 10 PLATE   Up to 150 130 x 12 PLATE 75 x 12 PLATE	DIMENSION	MINIMUM CLEAT SIZES				
Up to 50 130 x 8 PLATE 75 x 8 PLATE   Up to 100 130 x 10 PLATE 75 x 10 PLATE   Up to 150 130 x 12 PLATE 75 x 12 PLATE	''X''	at splice	CONTINUOUS			
Up to 100 130 x 10 PLATE 75 x 10 PLATE   Up to 150 130 x 12 PLATE 75 x 12 PLATE	Up to 50	130 x 8 PLATE	75 x 8 PLATE			
Up to 150 130 x 12 PLATE 75 x 12 PLATE	Up to 100	130 x 10 PLATE	75 x 10 PLATE			
	Up to 150	130 x 12 PLATE	75 x 12 PLATE			
Over 150 150 x 90 x 8 ANGLE 75 x 75 x 8 ANGLE	Over 150	150 x 90 x 8 ANGLE	75 x 75 x 8 ANGLE			

## TYPICAL PURLIN CLEAT DETAILS SCALE 1 : 10







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TYPICAL HOB DETAILS

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Project BUILDING RENEWAL PROJECT TIDE PROJECT STRUCTURAL DESIGN - TYPICAL FRAMING DETAILS

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Location | Drawing No: OT

29 BR JN042 | S255 | B | A1