

UNIVERSAL BEAM (UB)															
MARK	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
UB127	UB 127x76x13														
UB152	UB 152x89x16														
UB178	UB 178x102x19														
UB203	UB 203x102x23	UB 203x133x25	UB 203x133x30												
UB254	UB 254x102x22	UB 254x102x25	UB 254x102x28	UB 254x146x31	UB 254x146x37	UB 254x146x43									
UB305	UB 305x102x25	UB 305x102x28	UB 305x102x33	UB 305x127x37	UB 305x127x42	UB 305x127x48	UB 305x165x40	UB 305x165x46	UB 305x165x54						
UB356	UB 356x127x33	UB 356x127x39	UB 356x171x45	UB 356x171x51	UB 356x171x57	UB 356x171x67									
UB406	UB 406x140x39	UB 406x140x46	<i>UB 406x140x53</i>	UB 406x178x54	UB 406x178x60	UB 406x178x67	UB 406x178x74	<i>UB 406x178x85</i>							
UB457	UB 457x152x52	UB 457x152x60	UB 457x152x67	UB 457x152x74	UB 457x152x82	UB 457x191x67	UB 457x191x74	UB 457x191x82	UB 457x191x89	UB 457x191x98	<i>UB 457x191x106</i>	<i>UB 457x191x133</i>	<i>UB 457x191x161</i>		
UB533	UB 533x165x66	<i>UB 533x165x74</i>	UB 533x165x85	UB 533x210x82	UB 533x210x92	UB 533x210x101	UB 533x210x109	UB 533x210x122	<i>UB 533x210x138</i>	<i>UB 533x212x150</i>	<i>UB 533x312x182</i>	<i>UB 533x312x219</i>	<i>UB 533x312x272</i>		
UB610	<i>UB 610x178x82</i>	<i>UB 610x178x92</i>	<i>UB 610x178x100</i>	UB 610x229x101	UB 610x229x113	UB 610x229x125	UB 610x229x140	UB 610x305x149	UB 610x305x179	UB 610x305x238					
UB686	UB 686x254x125	UB 686x254x140	UB 686x254x152	UB 686x254x170											
UB726	UB 726x267x134	UB 726x267x147	UB 726x267x173	UB 726x267x197											
UB838	UB 838x292x176	UB 838x292x194	UB 838x292x226												
UB914	UB 914x305x201	UB 914x305x224	UB 914x305x238	UB 914x305x253	UB 914x305x271	UB 914x305x289	UB 914x305x313	UB 914x305x345	UB 914x305x381	UB 914x305x425	UB 914x305x474	UB 914x305x521	UB 914x305x576	UB 914x419x343	UB 914x419x388
UB1016	UB 1016x305x222	UB 1016x305x249	UB 1016x305x272	UB 1016x305x314	UB 1016x305x350	UB 1016x305x393	UB 1016x305x415	UB 1016x305x438	UB 1016x305x487	UB 1016x305x494	UB 1016x305x584				

NOTE: SECTIONS NOTED IN ITALICS ARE IN ADDITION TO THE RANGE OF BS EN 10365.

PARALLEL FLANGE CHANNEL (PFC)		
MARK	A	B
PFC100	PFC 100x50x10	
PFC125	PFC 125x65x15	
PFC150	PFC 150x75x18	PFC 150x90x24
PFC180	PFC 180x75x20	PFC 180x90x26
PFC200	PFC 200x75x23	PFC 200x90x30
PFC230	PFC 230x75x26	PFC 230x90x32
PFC260	PFC 260x75x28	PFC 260x90x35
PFC300	PFC 300x90x41	PFC 300x100x46
PFC380	PFC 380x100x54	
PFC430	PFC 430x100x64	

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- NOTES
- DO NOT SCALE FROM THIS DRAWING.
  - ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
  - ALL LEVELS ARE IN METRES ABOVE ORDANCE DATUM U.N.O.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

**NOTE:**  
**ADDITIONAL ALLOWANCE TO BE MADE FOR STIFFENERS AND CONNECTIONS BY CONTRACTOR.**  
**BEAM WEIGHTS ARE GROSS WEIGHTS (I.E. DO NO ACCOUNT FOR OPENINGS, WELDS, STIFFENERS AND CONNECTIONS).**

**NOTE:**  
**ALLOW FOR SHEAR STUDS FOR COMPOSITE BEAM ACTION FOR ALL BEAMS THAT HAVE SLAB PASSING OVER THEM, UNLESS NOTED OTHERWISE ON SPECIFIC DRAWINGS.**

UNIVERSAL COLUMN (UC)																					
MARK	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
UC152	UC 152x152x23	UC 152x152x30	UC 152x152x37	<i>UC 152x152x44</i>	<i>UC 152x152x51</i>																
UC203	UC 203x203x46	UC 203x203x52	UC 203x203x60	UC 203x203x71	UC 203x203x86	<i>UC 203x203x100</i>	<i>UC 203x203x113</i>	<i>UC 203x203x127</i>													
UC254	UC 254x254x73	UC 254x254x89	UC 254x254x107	UC 254x254x132	UC 254x254x167																
UC305	UC 305x305x97	UC 305x305x118	UC 305x305x137	UC 305x305x158	UC 305x305x198	UC 305x305x240	UC 305x305x283														
UC356	UC 356x368x129	UC 356x368x153	UC 356x368x177	UC 356x369x202	UC 356x406x235	UC 356x406x287	UC 356x406x340	UC 356x406x393	UC 356x406x467	UC 356x406x509	UC 356x406x551	UC 356x406x592	UC 356x406x634	UC 356x3406x677	UC 356x406x744	UC 356x406x818	UC 356x406x900	UC 356x406x990	UC 356x406x1086	UC 356x406x1202	UC 356x406x1299

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EQUAL ANGLE (EA)				
MARK	A	B	C	D
EA20	EA 20x20x3			
EA25	EA 25x25x3	EA 25x25x4		
EA30	EA 30x30x3	EA 30x30x4		
EA35	EA 35x35x4			
EA40	EA 40x40x4	EA 40x40x5		
EA45	EA 45x45x5			
EA50	EA 50x50x4	EA 50x50x5	EA 50x50x6	
EA60	EA 60x60x5	EA 60x60x6	EA 60x60x8	
EA65	EA 65x65x7			
EA70	EA 70x70x6	EA 70x70x7		
EA75	EA 75x75x6	EA 75x75x8		
EA80	EA 80x80x8	EA 80x80x10		
EA90	EA 90x90x7	EA 90x90x8	EA 90x90x10	<i>EA 90x90x12</i>
EA100	EA 100x100x8	EA 100x100x10	EA 100x100x12	<i>EA 100x100x15</i>
EA120	<i>EA 120x120x8</i>	EA 120x120x10	EA 120x120x12	<i>EA 120x120x15</i>
EA150	EA 150x150x10	EA 150x150x12	EA 150x150x15	<i>EA 150x150x18</i>
EA200	EA 200x200x16	EA 200x200x18	EA 200x200x20	EA 200x200x24

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UNEQUAL ANGLE (UEA)								
MARK	A	B	C	D	E	F	G	H
UEA30	UEA 30x20x3	UEA 30x20x4						
UEA40	UEA 40x20x4	UEA 40x25x4						
UEA45	UEA 45x30x4							
UEA50	UEA 50x30x5							
UEA60	UEA 60x30x5	UEA 60x40x5	UEA 60x40x6					
UEA65	UEA 65x50x5							
UEA70	UEA 70x50x6							
UEA75	UEA 75x50x6	UEA 75x50x8						
UEA80	UEA 80x40x6	UEA 80x40x8	UEA 80x60x7					
UEA100	UEA 100x50x6	UEA 100x50x8	<i>UEA 100x65x7</i>	<i>UEA 100x65x8</i>	<i>UEA 100x65x10</i>	UEA 100x75x8	UEA 100x75x10	UEA 100x75x12
UEA125	UEA 125x75x8	UEA 125x75x10	UEA 125x75x12					
UEA150	UEA 150x75x10	UEA 150x75x12	UEA 150x75x15	UEA 150x90x10	UEA 150x90x12	UEA 150x90x15		
UEA200	UEA 200x100x10	UEA 200x100x12	UEA 200x100x15	UEA 200x150x12	UEA 200x150x15	<i>UEA 200x150x18</i>		

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ASYMMETRIC BEAMS (ASB)					
MARK	A	B	C	D	E
ASB280	280ASB74	280ASB100	280ASB105	280ASB124	280ASB136
ASB300	300ASB153	300ASB155	300ASB185	300ASB196	300ASB249

STRUCTURAL TEE FROM UNIVERSAL BEAM (UBT)								
MARK	A	B	C	D	E	F	G	H
UBT102	T 102x127x11	T 102x127x13	T 102x127x14	T 102x152x13	T 102x152x14	T 102x152x17		
UBT127	T 127x152x19	T 127x152x21	T 127x152x24	T 127x178x17	T 127x178x20			
UBT133	T 133x102x13	T 133x102x15						
UBT140	T 140x203x20	T 140x203x23	<i>T 140x203x27</i>					
UBT146	T 146x127x16	T 146x127x19	T 146x127x22					
UBT152	T 152x229x26	T 152x229x30	T 152x229x34	T 152x229x37	T 152x229x41			
UBT165	T 165x152x20	T 165x152x23	T 165x152x27	<i>T 165x267x33</i>	<i>T 165x267x37</i>	<i>T 165x267x43</i>		
UBT171	T 171x178x23	T 171x178x26	T 171x178x29	T 171x178x34				
UBT178	T 178x203x27	T 178x203x30	T 178x203x34	T 178x203x37	<i>T 178x203x43</i>	<i>T 178x305x41</i>	<i>T 178x305x46</i>	<i>T 178x305x50</i>
UBT191	T 191x229x34	T 191x229x37	T 191x229x41	T 191x229x45	T 191x229x49	<i>T 191x229x53</i>	<i>T 191x229x67</i>	<i>T 191x229x81</i>
UBT210	T 210x267x41	T 210x267x46	T 210x267x51	T 210x267x55	T 210x267x61	<i>T 210x267x69</i>		
UBT229	T 229x305x51	T 229x305x57	T 229x305x63	T 229x305x70				
UBT254	T 254x343x63	<i>T 254x343x70</i>	<i>T 254x343x76</i>	<i>T 254x343x85</i>				
UBT267	<i>T 267x381x67</i>	<i>T 267x381x74</i>	<i>T 267x381x87</i>	<i>T 267x381x99</i>				
UBT292	<i>T 292x419x88</i>	<i>T 292x419x97</i>	<i>T 292x419x113</i>					
UBT305	T 305x305x75	T 305x305x90	T 305x305x119	<i>T 305x457x101</i>	<i>T 305x457x112</i>	<i>T 305x457x127</i>		
UBT312	<i>T 312x267x75</i>	<i>T 312x267x91</i>	<i>T 312x267x110</i>	<i>T 312x267x136</i>				

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STRUCTURAL TEE FROM UNIVERSAL COLUMN (UCT)								
MARK	A	B	C	D	E	F	G	H
UCT152	T 152x76x12	T 152x76x15	T 152x76x19	<i>T 152x76x22</i>	<i>T 152x76x26</i>			
UCT203	T 203x102x23	T 203x102x26	T 203x102x30	T 203x102x36	T 203x102x43	<i>T 203x102x50</i>	<i>T 203x102x57</i>	<i>T 203x102x64</i>
UCT254	T 254x127x37	T 254x127x45	T 254x127x54	T 254x127x66	T 254x127x84			
UCT305	T 305x152x49	T 305x152x59	T 305x152x69	T 305x152x79				

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S3 - FOR REVIEW AND COMMENT

THE GEORGE HOTEL  
HUDDERSFIELD



STEELWORK REFERENCE  
SCHEDULE - SHEET 1

Project No:	Scale (@ A1):	Date:	Drawn:
1620014217	N/A	NOV'22	JC
Drawing No:	Rev:		
4217-RAM-ZZ-XX-DR-S-00015	P02		