SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: BEAM CONNECTIONS TO SLURRY WALL-SCHEDULE II | DATE: 3-19-69

REVISIONS
5-29-69
11-3-69
12-11-69

FIELD CONNECTION DATA										BEAM SUPPORT DATA						
Conn. Det.	Steel Beam: Plan	Size	Elev.	Coord.	Detail Material: Angle A	B	Weld C	Weld D	Dim. E	PNYA Desig.	Coordinates: North	West	Center Elev.	Deviations (in.): Tilt	Lean	Twist
G1	SJ-76	33WF118	289'-3"	N5027.50	See 12-JK5-10					G9N(Top)	5028.91	9833.41	287.71	0.06	0.16	0
		33WF118	289'-3"	N5023.50	See 12-JK5-10					G9S(Top)	5025.01	9832.51	287.82	0.12	0.04	0
C6	SJ-77	30WF210 +2PL20x2	289'-10"	N4868±	2⌊L5x5x⅝x2'-0"*	40x⅜	9/16	11/16	½	G16	4870.70	9797.05				
										G17	4867.02	9796.31				
		27WF177								G18			To be determined			
D17		+PL16x2x½	289'-5"	N4828±	2⌊L5x3½x⅝x2'-0		½		½	G11	4820.40	9767.65				
C7		30WF210 +2PL12x1	289'-10"	N4809±	2⌊L5x3½x⅝x2'-0"	30x⅜	9/16	½	½	G19	4810.28	9782.29				
										G20	4807.51	9781.14				
C8	SJ-77	24WF160 +2PL20x1¾	289'-5"	N4780±	2⌊L5x5x⅝x1'-6"*	30x⅝	½	½	½	G21N	4782.59	9772.92	288.27	0	0.18	0
										G21S	4778.76	9771.72	288.37	-0.16	0.10	0
C9	SK-78	24WF160 +2PL20x1¾	289'-5"	N4752±	2⌊L5x5x⅝x1'-6"*	30x¾	½	½	½	G22(Top)	4753.48	9763.82	287.87	0	0	0
										G23(Top)	4748.31	9761.86	288.26	0	0.06	0
C10		24WF160 +2PL20x1¾	289'-5"	N4724±	2⌊L5x5x⅝x1'-6"*	24x1¼	½	½	½	G24N(Top)	4725.91	9754.29	288.19	-0.34	0.04	0
										G24S(Top)	4721.90	9753.03	288.27	0.04	0.08	0
C11		24WF160 +2PL20x1¾	289'-5"	N4696±	2⌊L5x5x⅝x1'-6"*	24x1¼	½	½	½	G25N	4698.17	9745.11	288.32	-0.10	-0.12	0
										G25S	4694.36	9743.91	288.24	-0.12	-0.14	0
C12		24WF160 +2PL20x1¾	289'-5"	N4667±	2⌊L5x5x⅝x1'-6"*	30x¾	½	½	½	G27N	4668.35	9735.98	288.29	0.06	0	-0.30
										G27S	4664.24	9734.74	288.35	0.04	0	0
C13		24WF160 +2PL20x1¾	289'-5"	N4638±	2⌊L5x5x⅝x1'-6"*	30x¾	½	5/8	½	G28N	4641.21	9726.77	288.22	0	0	0
										G28S	4637.51	9725.43	288.40	0	0	0
C14		24WF160 +2PL20x1¾	289'-5"	N4610±	2⌊L5x5x⅝x1'-6"*	24x1¼	½	½	½	G30N	4612.21	9717.30	287.66	0	0	0
										G30S	4608.49	9715.98	287.86	-0.04	-0.06	0
C15	SK-78	24WF160 +2PL20x1¾	289'-5"	N4582±	2⌊L5x5x⅝x1'-6"*	30x¾	½	5/8	½	G31N	4582.28	9707.30	288.43	0.16	0.04	0
										G31S	4578.37	9706.16	288.52	0.24	0.08	0
B2	SK-88	36WF230 +2PL20x1¾	293'-8"	N4569.67	2⌊L5x3x7/16x2'-0"	20x2	⅜	9/16	3	G32N	4568.08	9702.66	292.05	-0.06	0.04	0
										G32S	4564.03	9701.46	292.07	-0.04	0.04	0

1. * — Slot L per 12-JK5-6
2. See notes on 12-JK5-1
3. See details on 12-JK5-4 thru 11.

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12-JK5-3