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

PROJECT: THE WORLD TRADE CENTER | TITLE: BEAM CONNECTIONS TO SLURRY WALL-SCHEDULE II | DATE: 9-19-69

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

FIELD CONNECTION DATA

Conn Det.	Steel Beam: Plan	Size	Elev.	Coord.	Detail Material: Angle A	℄ B	Weld C	Weld D	Dim E
G1	SJ-76	33WF118	289'-3"	N5027.50	See 12-JK5-10				
		33WF118	289'-3"	N5023.50	See 12-JK5-10				
C6	SJ-77	30WF210 +2℄20x1	289'-10"	N4868 ±	2℄L5x5x⅝x2'-0*	40x¾	9/16	11/16	½
D16		27WF177 +1R16½x1¼	289'-5"	N4848 ±	2℄L5x3½x⅝x2'-0		½		2
D17		27WF177 +1R16½x1¼	289'-5"	N4828 ±	2℄L5x3½x⅝x2'-0		½		2
C7		30WF210 +2℄16x1	289'-10"	N4809 ±	2℄L5x3x⅝x2'-0	30x¾	9/16	½	½
C8	SJ-77	24WF160 +2℄20x1¼	289'-5"	N4780 ±	2℄L5x5x⅝x1'-6*	30x⅝	½	½	½
C9	SK-78	24WF160 +2℄20x1¼	289'-5"	N4752 ±	2℄L5x5x⅝x1'-6*	30x¾	½	½	½
C10		24WF160 +2℄20x1¼	289'-5"	N4724 ±	2℄L5x5x⅝x1'-6*	24x1¼	½	½	½
C11		24WF160 +2℄20x1¼	289'-5"	N4696 ±	2℄L5x5x⅝x1'-6*	24x1¼	½	½	½
C12		24WF160 +2℄20x1¼	289'-5"	N4667 ±	2℄L5x5x⅝x1'-6*	30x¾	½	½	½
C13		24WF160 +2℄20x1¼	289'-5"	N4638 ±	2℄L5x5x⅝x1'-6*	30x¾	½	⅝	½
C14		24WF160 +2℄20x1¼	289'-5"	N4610 ±	2℄L5x5x⅝x1'-6*	24x1¼	½	½	½
C15	SK-78	24WF160 +2℄20x1¼	289'-5"	N4582 ±	2℄L5x5x⅝x1'-6*	30x¾	½	⅝	½
B2	SK-80	36WF230 +2℄20x1¼	293'-8"	N4569.67	2℄L5x3x7/16x2'-0	20x2	3/8	9/16	3

BEAM SUPPORT DATA

PNYA Desig.	Coordinates: North	West	Center Elev.	Deviations (in.): Tilt	Lean	Twist
G9N(Top)	5028.91	9833.41	287.71	0.06	0.16	0
G9S(Top)	5025.01	9832.51	287.82	0.12	0.04	0
G16	4870.70	9797.05	To be determined in field			
G17	4867.02	9796.31				
GX10	4848.03	9792.18				
GX11	4828.46	9787.63				
G19	4810.28	9782.29				
G20	4807.51	9781.14				
G21N	4782.59	9772.92	288.27	0	0.18	0
G21S	4778.76	9771.72	288.37	-0.16	0.10	0
G22(Top)	4753.48	9763.82	287.87	0	0	0
G23(Top)	4748.31	9761.86	288.26	0	0.08	0
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
G25N	4698.17	9745.11	288.32	-0.10	-0.12	0
G25S	4694.36	9743.91	288.24	-0.12	-0.14	0
G27N	4668.35	9735.98	288.29	0.06	0	-0.30
G27S	4664.24	9734.74	288.35	0.04	0	0
G28N	4641.21	9726.77	288.22	0	0	0
G28S	4637.51	9725.43	288.40	0	0	0
G30N	4612.21	9717.30	287.66	0	0	0
G30S	4608.49	9715.98	287.86	-0.04	-0.06	0
G31N	4582.28	9707.30	288.43	0.16	0.04	0
G31S	4578.37	9706.16	288.52	0.24	0.08	0
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 Ls 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