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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXT. WALL - 107 TO 110 - COL & SPANDREL SCH - TOWER A | DATE: 8-15-69

REVISIONS
10-23-69
12-15-69
Conn dtls added
2-26-70
3-16-70

301 303 305 307 309 311 313 315 317 319 321 323 325 327 329 331 333 335

A.110

12WF40 | 25"x25"x1" Tube | Type A1 | 7X5T | Type A1 | 7X5T | Type A2 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF40

D F D D D D D D D D D D D D D D

30 32 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30

Spandrel splice 1 typical

A.108

E C D D D C

15 19 18 18 11 21 16 16 18 18 18 18 18 11 16 20 20 16 11

Spandrel splice 2
Typical of type C spandrels

Type A1 | Type A1 | Type A1 | Type A3 | Type A4 | Type B3 | Type A4 | Type B2

A.107

42 42 42 — for column types see 4-A83-5.2

43 43 44 43 43 — for column connection details see 4-A83-7.1, 7.2, 8

for spandrel types see 4-A83-6 and 9

58 spaces @ 34'-1 1/2" = 193'-4"

333 335 337 339 341 343 345 347 349 351 353 355 357 359 401

A.110

12WF40 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | 12WF50 | 7X5T | Type A2 | 7X5T | Type A1 | 7X5T | Type A1 | 7X5T | 12WF40

D D D D D C F G

30 30 30 30 30 30 30 30 30 30 30 30 30 37 32 35 35

A.108

D D D D C E G

18 19 19 16 18 18 18 19 16 21 11 18 18 19 15

Type A1 | Type A1 | Type A1