SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE PUMP PLATFORM AT 75TH FLOOR | DATE 8-7-69

REVISIONS

8/29/69

Std. conn. 26.5 k ℄ Posts & isolators

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99'-10"

8 L 8.5

℄ Isolators

Direction of grating

Direction of grating

8 WF 31

8 WF 31

8×3 L 18.7

8×3 L 18.7

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8×3 L 18.7

8×3 L 18.7

8×3 L 18.7

℄ Pump

℄ Pump

℄ Pump

℄ Pump

1" ϕ typ.

1'-8½"

See pump shop dwgs. for openings (typ.)

2'-1"

1/4 Typical

8 WF 17

2'-1"

5/16 Typ.

2'-1"

a

a

10'-6"

9'-9"

1'-2"

1'-9"

2'-6"

a

a

b

b

d

d

L 3½×2½×4×3'-0" (typ.)

6×2 C 10.5

6×2 C 10.5

6×2 C 10.5

6×2 C 10.5

8½" 8½"

8½" 8½"

16½" 9"

10¾" 10¾"

10¾" 10¾"

10¾" 10¾"

10¾" 10¾"

10¾" 10¾"

10" 10"

10" 10"

10" 10"

10" 10"

C

C (typ.)

℄ posts & ℄ isolators

℄ Pump

8 L 8.5

8 L 8.5

8 L 8.5

8 L 8.5

8 L 8.5

Removable grating (typ.)

5'-0"

3'-4"

1'-8"

5'-0"

10'-6"

19'-4"

Std. conn. 26.5 k

Revisions:

Add 6×2 C's @ pump base locations. Revisions included herein are circled

End of grating

Edge of pump base or edge of removable grating

End of grating

4-¾" ϕ bolts

2½"

¾" ϕ bolts @ 6" c.c.

4-¾" ϕ bolts

1½"

1½"

5" Cut

5" 5" Cut

2-⅞" ϕ bolts

L 3½×3×5/16

3/16

Typ 1/4

6×2 C 10.5

Position of AB Nut

3/16

L 3½×3×5/16

2-⅞" ϕ bolts

Ref Dwg: 6·AB2·42

Section a-a Section c-c Section b-b Section dd Typical Details

19-AB-1013

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