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

PROJECT: THE WORLD TRADE CENTER | TITLE: DETAILS E50, E51, E52, E80, E81, E82, E83 | DATE: 2-11-69

VISIONS

1½" straps from prefab. floor panels E50 & E51, field installed 1½" straps E 80.

4-5/8"x2½" studs @6" o.c.

4-5/8"x2½" studs @6" o.c.

5/16 ①

a

a

E50, E51, E80

1½" straps from prefab. floor panels E52, field installed 1½" straps E81.

4-5/8"x2½" studs @6" o.c.

4-5/8"x2½" studs @6" o.c.

5/16 ①

Ex1. col. ref. line

a

a

E52, E81

Ref. floor line

4"

Section a-a

Beam

5/16 ①

x

x

Field installed 1½" straps

Plan

4"

Section x-x

E 82

Beam at -4

Beam

5/16 ①

y

y

Field installed 1½" strap

Plan

4"

1½" or 2"

Section y-y

E 82

Beam at -5½ or 6

Prefab. floor panel

①

Strap shop installed on prefab panel.

E 83

Note ①
Min. length of weld 6".

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