REVISIONS

7-19-68

9-4-68

PROJECT

K-73 / 13 — J-74 / 4

K-73 / 14 — J-74 / 5

J-72 / 5

J-72 / 6

a

20 x 12 col.
2 PL 12 x 5
2 PL 10 x 4
(See col. sch.)

10"

10"

1'-11"

30 W
(See Plan)

30 W
(See Plan)

See detail this sheet for studs

8"

6" 6"

a

Cover this area so slab will not bond

PLAN

a

C.P. Back up

C.P. Back up.

PL 3½ x ⅜ x 2'-1½" - F.S.

PL 3½ x ⅜ x 2'-1½" - F.S.

C.P. Back up

C.P. Back up.

1⅛" ϕ H.S. erection bolts

a

ELEVATION

Notes

1. All welds to be E 70 xx.

⅞" Shear studs @ 4" c.c.

6" 6"

15 x ½ PL, Fy = 50 full length of beam.

2¾" 2¾"

⅞" ϕ A490 bolts in 1 5/16" holes @ 3½" c.c. Nuts to be tightened after slab has been post-tensioned. Provide washers 1⅞ x 9/16 (Sq. or round) Fy = 50 Ksi

Shear Stud Detail

(Typical all beams this area.)

(see 12-JK2-5)

1'-11"

C.P.

PL 12 x 2 x 1'-9" Fy = 50

20 x 12 col.

El. 263'-9"

PL 21 x 2 x 2'-2⅝" Fy = 50

2'-6⅝"

7/16

C.P.

⅜

7/16

PL 12 x 2 x 1'-9" Fy = 50

C.P.

Section a-a

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

12-JK1-80