NOTES:

1. Does NOT meet Bearing Wall Structural integrity requirement (ACI 318-08 16.5.2.1) of 1500 lbs/ft nominal @ code prescribed maximum spacing of 10' O.C.

2. Should be used at bearing end only or substitute a JVI PSA slotted insert and strap for HCA @ at non-load bearing conditions. Design capacities shown do not reflect the use of PSA insert and should be re-evaluated.

\[ \Phi X = 9.1 \text{ KIPS} \]
\[ \Phi Y = \text{NEGLECT} \]
\[ \Phi Z = 10.9 \text{ KIPS} \]
NOTES:

1. Current governing failure mode in x-direction is governed by the base material at the weld from the erection plate to the spider \( \phi \) w/o reinforcing. Brittle failure is not acceptable. Testing data should be re-evaluated to rationalize ductile behavior.

2. Eliminate solid zones in insulated panels, thicker wythes can accept a deep spider \( \phi \).
JVI SPIDER PLATE (DEEP), 66DHCT

NOTES:
1. Angle is assumed to flex about DBAs to allow for material contraction.
ERECTION NOTES:
1. AFTER WELDING E'S:
   GROUT JT. & PKT. SOLID
   W/ NON SHRINK GROUT
2. 2 (2) 1" SHIMS 1'-0" FROM EA. END, CRITICAL.

*CAPACITY FOR THIS LOADING IS PROVIDED BY INSPECTION WITH CONSIDERATION OF OFFSET
TENSION DATA. ACTUAL CONFIGURATION W/ CONSIDERATION OF PRYING NOT TESTED.
JVI SPIDER PLATE (SHALLOW)
66SHCT W/ STANDARD
#4 REIN. BAR, TYP.
\( \frac{3}{8}'' \times 4'' \times 0' - 6'' \)

\( \frac{3}{16}'' \times 7 \)

\( 1\frac{1}{2}'' \times 4'' \)

\( \frac{3}{8}'' \times 3'' \times 2' - 0'' \) Masticord

Typ. as needed, continuous along ledge

(4) \( \frac{1}{2}'' \times 24'' \) D.A.S.

\( \frac{3}{8}'' \times 4'' \times 0' - 8'' \)

\( \phi X_n = 5.76 \) KIPS
\( \phi Y_n = \) Neglect
\( \phi Z_n = 10.9 \) KIPS

Shear Connection at Slab Pocket

Spider Plate Concepts

7131 North Ridgeway Avenue
Lincolnwood, Illinois 60712 USA
TEL 1-800-742-8127 – FAX 847-675-0083

Date: 07.07.2014
Drawn: JM
Checked: ___
Scale: 1\( \frac{1}{2}'' = 1' \)
FACE OF COLUMN

2"

\( \frac{3}{16}'' \)

6

5

\( \frac{1}{2}'' \)

\( \frac{1}{2}'' \)

\( \frac{1}{2}'' \)

\( \frac{1}{2}'' \times 4'' \times \frac{1}{2}'' \times 0'-4'' \)

W/\( \frac{1}{4}'' \times 2'' \times 0'-5'' \)

\( \frac{1}{4}'' \)

\( 4 \)

\( \frac{1}{8}'' \times 8'' \times 8'' \)

(4) \( \frac{1}{2}'' \times 6'' \) H.A.S.