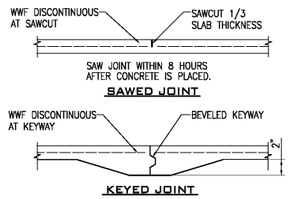


## TYPICAL 6" SLAB CONTROL JOINT

JOINT TYPE IS OPTIONAL

| HEADED ANCHOR BOLT EMBEDMENT LENGTHS | |
|---|---|
| BOLT DIA | MIN. EMBEDMENT |
| 3/4" | 9" |
| 1" | 12" |
| 1-1/4" | 15" |
| 1-1/2" | 18" |

| FOOTING TENSION LAP SPLICE LENGTHS | | |
|---|---|---|
| | f'c = 3000 PSI | |
| BAR SIZE | TOP BARS | OTHER BARS |
| #3 | 28" | 22" |
| #4 | 37" | 29" |
| #5 | 47" | 36" |
| #6 | 56" | 43" |
| #7 | 81" | 63" |
| #8 | 93" | 72" |
| #9 | 105" | 81" |
| #10 | 118" | 91" |
| #11 | 131" | 101" |

TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINF.

| ASSUMED METAL BUILDING REACTIONS (KIPS) | | | | | |
|---|---|---|---|---|---|
| LOCATION | LOAD | A | B | C | D |
| LINES 2-5 | DL+LL | ±7.0 | 11.0 | ±7.0 | 11.0 |
| | DL+WL | ±5.0 | ±6.0 | ±5.0 | ±6.0 |

ENDWALL COLUMN REACTIONS
MAX HORIZ 1.4K
MAX D&L 7.3K
MAX UPLIFT -4.0K

| FOOTING SCHEDULE | | | |
|---|---|---|---|
| | FOOTING DESIGNATION | F5 | F6 |
| FOOTING | SIZE | 5'-0"x5'-0" | 6'-0"x6'-0" |
| | DEPTH | 2'-0" | 2'-0" |
| | REINF EW | 6#5 | 7#5 |
| | NOTES | 1 | 1 |

NOTES:
1. PROVIDE REINFORCING INDICATED AT TOP AND BOTTOM OF FOOTING.

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04/17/2017

TYPICAL DETAILS

S1.03
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