

$\frac{M}{R}$

H OR H

NOTE: CLOSED SPIRAL REINFORCEMENT SHALL END WITH A FULL STRENGTH LAP WELD OR AN APPROVED MECHANICAL SPLICE.



d = BAR DIAMETER (mm)
S = d/2
E = 0.6S

```
HOOK EXTENSIONS:
#13 = 165
#16 = 203
#19 = 260
```

SUPPLEMENTARY TIES FOR COLUMN STEEL:
SUPPLEMENTARY TIES (YB BARS) MUST ENGAGE HOOP
(OUTSIDE HORIZONTAL BAR) AND BE TIED SECURELY
TO LONGITUDINAL REINFORCEMENT.

REQUIRED FOR SPC A, B, C AND D

ALL UNITS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE.

M/

STANDARD
SEISMIC DETAILS
1996



CIRCULAR COLUMNS (SHOWING SPIRAL REINFORCEMENT)

DATE 9-92

CORRECT. Edward P. Wasserman
ENGINEER OF STRUCTURES



SHEET 2 OF 2
STDM-6-2