

TOP BARS UNLESS DIMENSION "A" IS LESS THAN 12".

HOOK DEVELOPMENT

- MAX. SLOPE IF OFFSETS REQUIRED

∠FOR 180° HOOK,

SEE MAIN REINF.

SAME SIZE AND SPACING -

SAME SIZE AND SPACING -

AS HORIZ. BARS (s

ALTERNATE END DETAIL

ALTERNATE END DETAIL

1½" KEY x ½ B LONG

D/3

LL 1½" KEY x ½ B LONG

S5.1

AS HORIZ. BARS

STIRRUPS AND TIES

2" COVER

Qs = LAP SPLICE

LENGTH

S5.1

≤ |#3 TO #8 | 6 BAR DIA

#9 TO #11 8 BAR DIA

|#14 & #18|10 BAR DIA.

#3 TO #5 | 4 BAR DIA.

SAME AS FOR MAIN

REINF.

S5.1 c1-02

OTHERS

McCarthy Building Companies, Inc 343 Sansome Street, 14th Floor San Francisco, California 94104 P 415 | 364-1339 F 415 397-5999

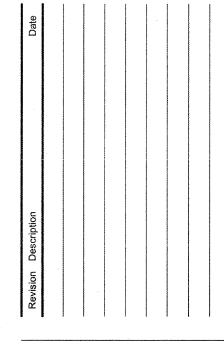
160 Pine Street · San Francisco, CA. 94111
Phone: (415) 837-0700 · Fax: (415) 837-0800
www.forell.com Job No.: 06-091.004A IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICE APPL #: 01-110097 AC\_\_\_\_\_FLS\_\_\_\_\_SS\_\_D.W.
DATE\_\_\_\_\_\_APR\_0 9 2009

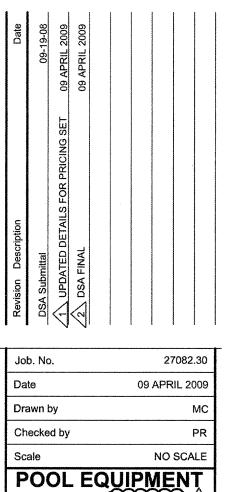
FILE NUMBER:

This and all other project documents and all ideas, aesthetics and designs incorporated therein are instruments of service. All project documents are the registered property of LPA, INC. (LPA) and cannot be lowfully used in whole or in part for any project or purpose except as described in the contractual agreement between McCarthy and the District. LPA hereby gives formal notice that any such project document use, reproduction or projections where the project document use, reproduction or modification (misuse) is not only unlawful be automatically binds all parties involved with misuse to fully indemnify and defend LPA and LPA's Consultants to the maximum legal extent against all losses, demands, claims o liabilities arising directly or indirectly from project document are not a representation of as-built or existing conditions.

LPA and LPA's Consultants make no representations concerning the accuracy of documents and are not responsible for any discrepancies between project documents and the existing

S D ⊲ 





BLDG & SITE

CONSTRUCTION TYP.

CONCRETE DÉTAILS

**S5.1**