

2. LAP SPLICE LOCATIONS SHALL BE STAGGERRED WHENEVER POSSIBLE.

3. TOP BARS ARE HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE LAP SPLICE.

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CONDUIT, S.E.D.	— 6"ø MAX HOLE THRU (E) WALL. DO NOT CUT OR DAMAGE (E) WALL REINF. LOCATE EDGE OF HOLE
(E) CONC OR MASONRY WALL	1'-0" MIN AWAY FROM EDGE OF (E) BM. SEAL OPENING W/ LINK-SEAL MODULAR SEAL OR APPROVED EQUAL.

DEVELOPMENT LENGTH & LAP SPLICE SCHEDULE (2) SCALE: N.T.S.

	f'c = 4,000 PSI				
-	MIN D	MIN DEVELOPMENT LENGTH		MIN LAP SP	LICE LENGTH
	STRA	NIGHT	HOOKED		
BAR SIZE	TOP	OTHER		TOP	OTHER
#3	1'-7"	1'-3"	0'-8"	2'-0"	1'-7"
#4	2'-1"	1'-7"	0'-10"	2'-8"	2'-1"
#5	2'-7""	2'-0"	1'-0"	3'-5"	2'-7"
#6	3'-1"	2'-5"	1'-3"	4'-1"	3'-1"
# 7	4'-6""	3'-6"	1'-5"	5'-11"	4'-8"
#8	5'-2"	4'-0"	1'-7"	6'-9"	5'-2"
#9	5'-10"	4'-6"	1'-10"	7'-7"	5'-10"
#10	6'-7"	5'-1"	2'-1"	8'-6"	6'-7"
#11	7'-3"	5'-7"	2'-3"	9'-5"	7'-3"

1. ALL REINFORCING BARS SHALL BE DEVELOPED OR LAP SPLICED AS SHOWN, U.O.N. 2. LAP SPLICE LOCATIONS SHALL BE STAGGERRED WHENEVER POSSIBLE.

3. TOP BARS ARE HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE LAP SPLICE.

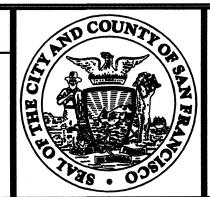
DEVELOPMENT	LENGTH	&	LAP	SPLICE	SCHEDULI
SCALE: N.T.S.					

(E)	WALL	PENETRATION	DETA
SCALE	: N.T.S.		

SCALE: N.T.S.

LL	PENETRATION	DETAIL	$\sqrt{4}$
S.			

					REFERENCE INFORMATION & FILE NO. OF SURVEYS
					& FILE NO. OF SURVEIS
NO.	DATE	DESCRIPTION	BY	APP.	
	CHE	TABLE OF REVISIONS CK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION			





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MAK FRANCISCO	DESIGN AND ENGINEERING DIVISION PUBLIC WORKS CITY & COUNTY OF SAN FRANCISCO
ORKS	30 VAN NESS AVENUE, 5TH FLOOR SAN FRANCISCO, CA 94102 - 6028

			Date:	DESIGN
S	ection Mgr:	RAYMOND LUI	0//	DRAWN
	Laynen	16	9/12/6	CHECK
D	eputy Division Mar:	FERNANDO CISNEROS	a/ /.	REVIEW
	Fel I Com	2	7/20/16	RECOM
D /	ivision Mgr:	PATRICK RIVERA	9/2//16	APPROV
_	allona		1100/10	DATE
				DATE

D JN	SCALE:		
VY			
D JS	AS SHOWN		
D	SHEET OF SHEETS	-	
ENDED	SHEET OF SHEETS		
ED			

2ND	STREET	STF	REETSCAPE
IMP	ROVEME	NTS	PROJECT

S-005 FILE NO. 106,295 REV. NO.

TYPICAL DETAILS

SPECIFICATION NO. 1064J (R)