

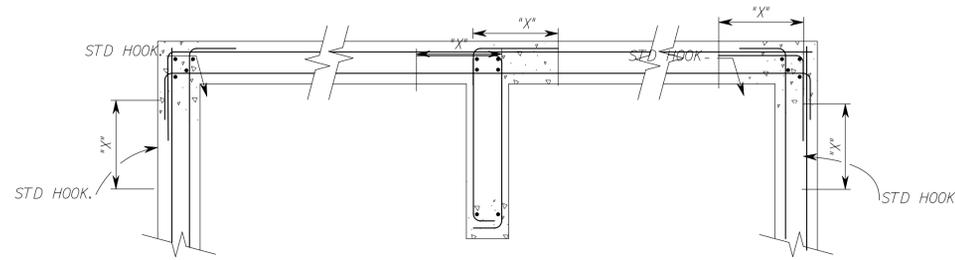
CORNER

INTERSECTION AND ENDS

ALTERNATE CORNER

SINGLE CURTAIN REINFORCING

NOT TO SCALE



CORNER

INTERSECTION AND ENDS

ALTERNATE CORNER

DOUBLE CURTAIN REINFORCING

NOTE: *X* = LAP SPLICE, PER (2)

REINF.	CONCRETE		MASONRY
	TOP BAR	OTHER	
*3	24"	19"	18"
*4	32"	25"	24"
*5	40"	31"	30"
*6	48"	37"	36"
*7	70"	54"	42"
*8	80"	62"	48"
*9	90"	70"	54"

NOTES:

1. CONCRETE LAP LENGTH IS BASED ON CLASS B TENSION SPLICE, $F_c = 4,000$ PSI AND GRADE 60 REBARS.
2. TOP BAR IS THE HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.

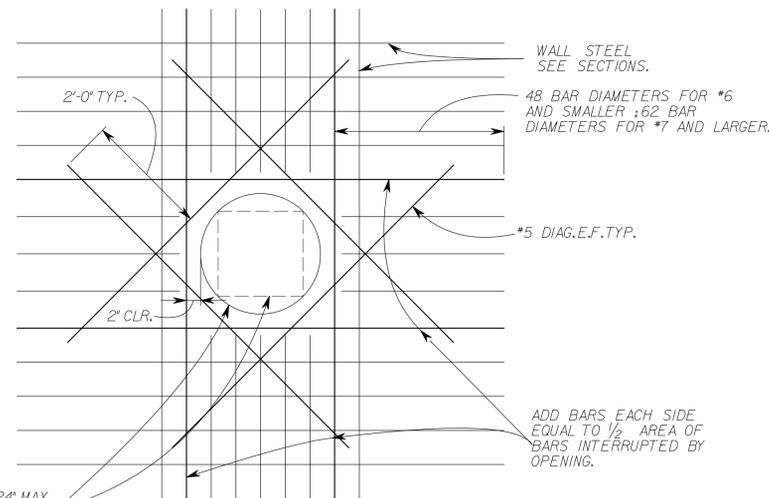
REINFORCING DETAILS AT CORNERS AND INTERSECTIONS

NOT TO SCALE

(1) TYP

REINFORCING LAP SPLICE SCHEDULE

(2) TYP

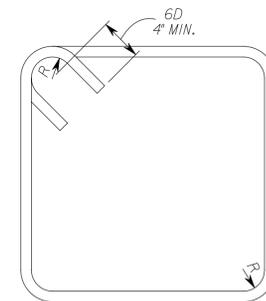


ROUND OR SQ. OPENING 24" MAX. IN CONC. FOR PIPE SEE MECH. FOR SIZE.

ADDITIONAL REINFORCEMENT AROUND PIPE OPENING IN CONCRETE WALL/FLOOR SLAB

NOT TO SCALE

(3) TYP

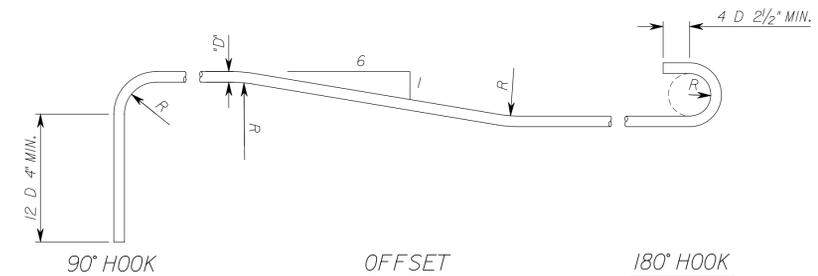


135° BEND

COLUMN TIE OR BEAM STIRRUP

NOT TO SCALE

(4) TYP



90° HOOK

OFFSET

180° HOOK

- R= 3D FOR *2 THRU *8 BAR.
- 4D FOR *9 THRU *11 BAR.
- 5D FOR *14 OR *18 BAR.



LAP SPLICE

MAX. SLOPE 1/6

REINFORCING STEEL DETAILS

NOT TO SCALE

(5) TYP

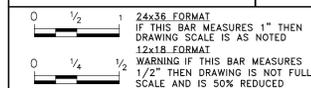
AKM JOB No. 0760890.00

Underground Service Alert

Call: TOLL FREE



TWO WORKING DAYS BEFORE YOU DIG



Designed by KEVIN SALEH	Drawn by CADD	Checked by GARY J. HOBSON
PLANS PREPARED UNDER SUPERVISION OF GARY J. HOBSON		
Date MARCH 2010	R.C.E. No. 40779	



CDWP	Department of Water and Power Approval	Approved	Approved	CITY OF CORONA - ARLINGTON DESALTER CONNECTION WESTERN MUNICIPAL WATER DISTRICT - PROMENADE CONNECTION	Drawing No. 09-050U
WMWD	By Donald A. Williams, P.E. R.C.E. No. 32333 EXP 12/31/2010	By Jeffrey D. Sims, P.E. R.C.E. No. 48212, Exp. 12/31/10 Assistant General Manager/ Chief Operations Officer	By Kip D. Field, P.E. R.C.E. No. 45679, Exp. 12/31/10 Public Works Director		STRUCTURAL DETAILS
					Sh. 13 of 24

