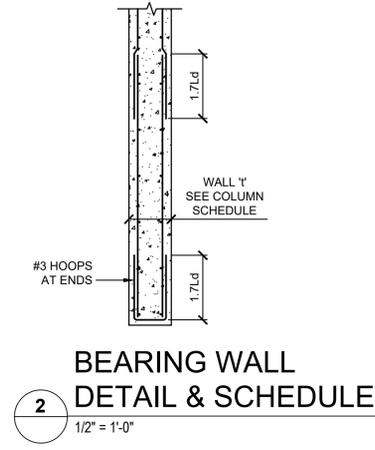


1 WALL POCKET DETAIL
1/2" = 1'-0"



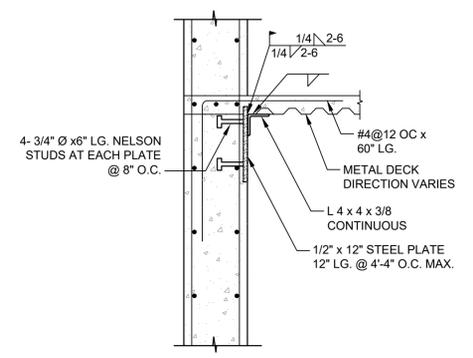
BEARING WALL REINFORCING SCHEDULE

WALL 'Y'	VERTICAL REINF.	HORIZONTAL REINF.
8"	#5@18	#3@11
9"	#5@18	#3@9
10"	#5@18	#4@16
12"	#5@18	#4@13

SEE PLAN FOR WALL REINFORCING AT ELEVATOR AND STAIR.

BASE PLATE SCHEDULE

BEAM	BASE PLATE	STIFFENER
W10	8X8X1"	NO STIFFENER
W12	8X8X1"	NO STIFFENER
W14	8X8X1"	NO STIFFENER
W16	8X8X1"	NO STIFFENER
W18	8X8X1"	NO STIFFENER
W24	10X8X1"	2-1/2" STIFFENER
W30	12X12X1"	2-1/2" STIFFENER NOTCH PLATE AS REQUIRED AT CORNER CONDITION



3 TYPICAL METAL DECK SUPPORT
3/4" = 1'-0"

REINFORCEMENT ANCHORAGE SCHEDULE
TABULATED VALUES ARE GIVEN IN INCHES & ARE CALCULATED FOR $f_c = 60,000$ P.S.I.

BAR SIZE	3000 P.S.I.				4000 P.S.I.				5000 P.S.I.				6000 P.S.I.			
	ld	ldt	ldh	ldc												
#3	12	13	6/8	8	12	13	6/7									
#4	12	17	8/11	11	12	17	7/9	9	12	17	6/8	9	12	17	6/8	9
#5	15	21	10/14	14	15	21	8/12	12	15	21	7/11	11	15	21	7/10	11
#6	19	27	11/16	16	18	25	10/14	14	18	25	9/13	14	18	25	8/12	14
#7	26	37	13/19	19	23	32	12/17	17	21	29	10/15	16	21	29	10/14	16
#8	35	48	15/22	22	30	42	13/19	19	27	38	12/17	18	24	34	11/16	18
#9	44	61	17/25	25	38	53	15/21	21	34	48	13/19	20	31	43	13/18	20
#10	56	78	19/28	28	48	67	17/24	24	43	60	15/22	23	39	55	14/20	23
#11	68	96	22/31	31	59	83	19/27	27	53	74	17/24	25	48	68	15/22	25

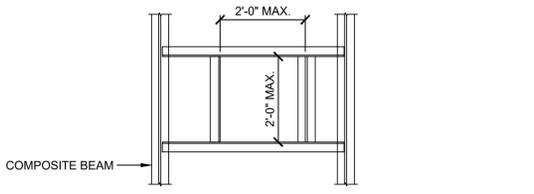
NOTE A: USE ld TABULATED VALUES WHEN BARS HAVE LESS THAN 12" OF CONCRETE BELOW BOTTOM OF BARS (ie: FOR BOTTOM REINFORCING AND FOR TOP REINFORCING IN SHALLOW BEAMS AND SLABS). USE ldt WHEN BARS HAVE MORE THAN 12" OF FRESHLY PLACED CONCRETE BELOW BOTTOM OF BARS.

NOTE B: TABULATED VALUES MAY BE REDUCED BY 20% IF BARS ARE SPACED MORE THAN 6" AND ARE AT LEAST 3" FROM PARALLEL CONCRETE EDGES.

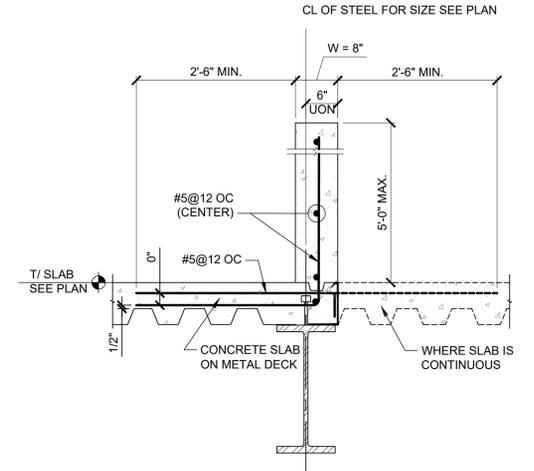
NOTE C: LOWER VALUES OF DEVELOPMENT LENGTH OF HOOKED BARS, ldh, MAY BE USED IF TAIL EXTENSION OF THE HOOK HAS AT LEAST 2" COVER AND CONCRETE COVER TO SIDE OF HOOK IS AT LEAST 2 1/2" THICK. OTHERWISE USE HIGHER ldh VALUES TABULATED.

NOTE D: HOOKS SHALL NOT BE CONSIDERED EFFECTIVE IN REDUCED ldc VALUES (COMPRESSION DEVELOPMENT LENGTH).

GLOSSARY:
ld = DEVELOPMENT LENGTH (IN.) = LENGTH REQUIRED TO ANCHOR REINFORCING AT EACH END.
ldt = DEVELOPMENT LENGTH (IN.) = LENGTH REQUIRED TO ANCHOR TOP BARS HAVING MORE THAN 12" OF FRESH CONCRETE PLACED UNDER THEM.
ldh = DEVELOPMENT LENGTH (IN.) OF HOOKED BARS (TO PERIMETER OF HOOK).
ldc = DEVELOPMENT LENGTH (IN.) FOR BARS IN COMPRESSION.

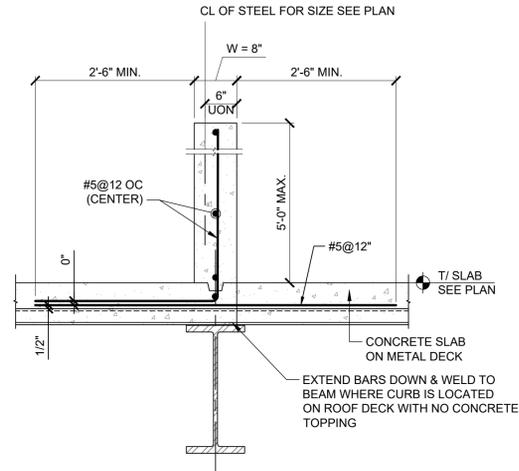


5 TYP. FRAMES AT OPENINGS
1/2" = 1'-0"



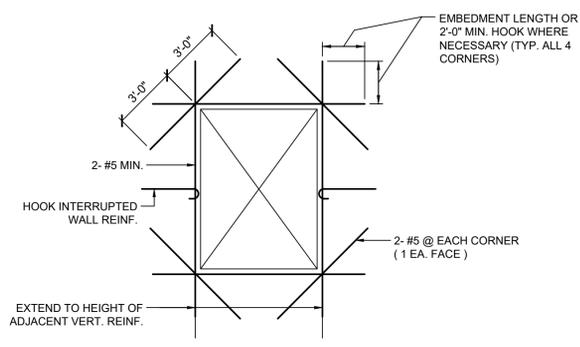
NOTES:
FOR CURB SIZE & LOCATION SEE ARCHITECTURAL DRAWINGS

6 TYPICAL CONCRETE CURB PARALLEL TO DECK
3/4" = 1'-0"



NOTES:
FOR CURB SIZE & LOCATION SEE ARCHITECTURAL DRAWINGS

7 TYPICAL CONCRETE CURB PERPENDICULAR TO DECK
3/4" = 1'-0"



TYPICAL WALL OPENING DETAILS
SCALE: N.T.S.

NOTES:
1. HOOK ALL INTERRUPTED CONTINUOUS BARS.
2. ONE HALF OF REINFORCING BAR AREA INTERRUPTED BY OPENING SHALL BE PROVIDED EACH SIDE OF OPENINGS ON THE SAME FACE, MIN. 2- #5 EACH SIDE.

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0	ISSUED FOR DOB SUBMISSION	DATE
1	ISSUED FOR BID	10.15.21
2	CD SET	11.30.21
3	REVISED BID SET	01.20.22
4	ISSUED FOR CONSTRUCTION	04.04.22

DRAWN BY: D. CHECHURIN
CHECKED BY: P. BRUNO
APPROVED BY: P. BRUNO
DATE: 9/10/2021
SCALE: AS SHOWN
DRAWING TITLE:

CURB DETAILS

DWG NUMBER: **S-205**
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