





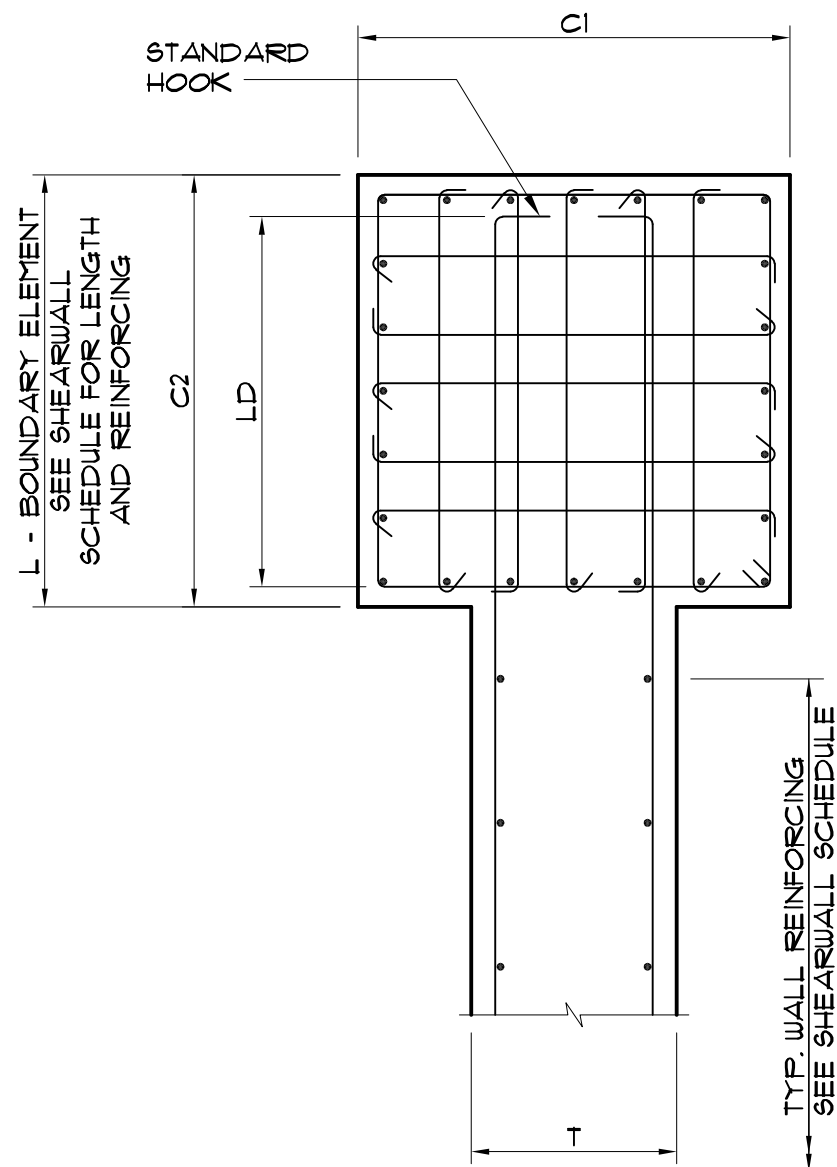
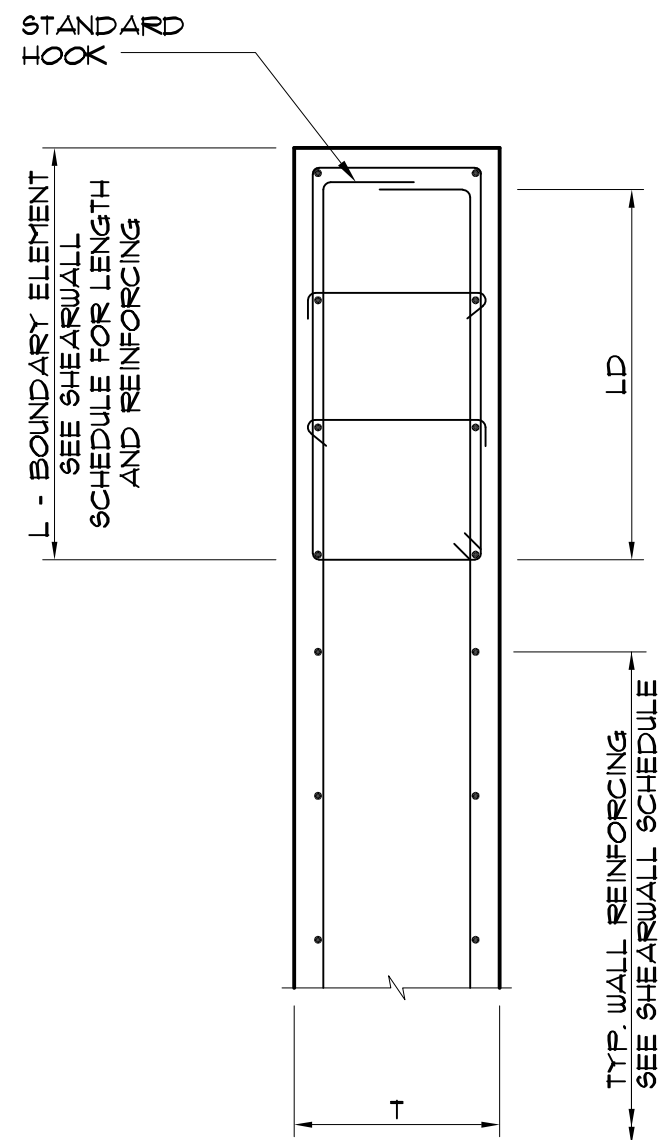


SHEARWALL SCHEDULE																						
SHEARWALL MARK  FLOOR LEVEL		SHEARWALL SW-1							SHEARWALL SW-2							SHEARWALL SW-3						
		THICKNESS T	REINF. EACH FACE		BOUNDARY ELEMENTS			THICKNESS T	REINF. EACH FACE		BOUNDARY ELEMENTS			THICKNESS T	REINF. EACH FACE		BOUNDARY ELEMENTS					
			VERT.	HORIZ.	C1xC2	L	REINFORCEMENT		VERT.	HORIZ.	C1xC2	L	REINFORCEMENT		VERT.	HORIZ.	C1xC2	L	REINFORCEMENT			
							VERT.						HOOPS AND CROSS TIES						VERT.	HOOPS AND CROSS TIES	VERT.	HOOPS AND CROSS TIES
	T/ ROOF																					
	T/ 4TH FLOOR	16"	5#12	5#12	-	-	24-#10	4#8	12"	4#12	4#12	-	-	8-#3	4#12	12"	4#12	4#12	-	-	6-#3	4#12
	T/ 3RD FLOOR	16"	5#12	5#12	-	-	24-#10	4#8	12"	4#12	4#12	-	-	8-#3	4#12	12"	4#12	4#12	-	-	6-#3	4#12
	T/ 2ND FLOOR	18"	5#12	5#12	30x30	2'-6"	24-#10	4#8	12"	4#12	4#12	-	2'-0"	8-#3	4#12	12"	4#12	4#12	-	2'-0"	6-#3	4#12
	T/ 1ST FLOOR	18"	5#12	5#12	30x30	2'-6"	24-#11	4#6	12"	4#12	4#12	-	2'-0"	8-#10	4#8	12"	4#12	4#12	-	2'-0"	6-#10	4#8
	T/ FOUNDATION	18"	5#12	5#12	30x30	2'-6"	24-#11	4#6	12"	4#12	4#12	-	2'-0"	8-#10	4#8	12"	4#12	4#12	-	2'-0"	6-#10	4#8
REMARKS		SEE TYPICAL SHEARWALL BASE DETAILS FOR SDC D AND HIGHER AND NOTE 5																				

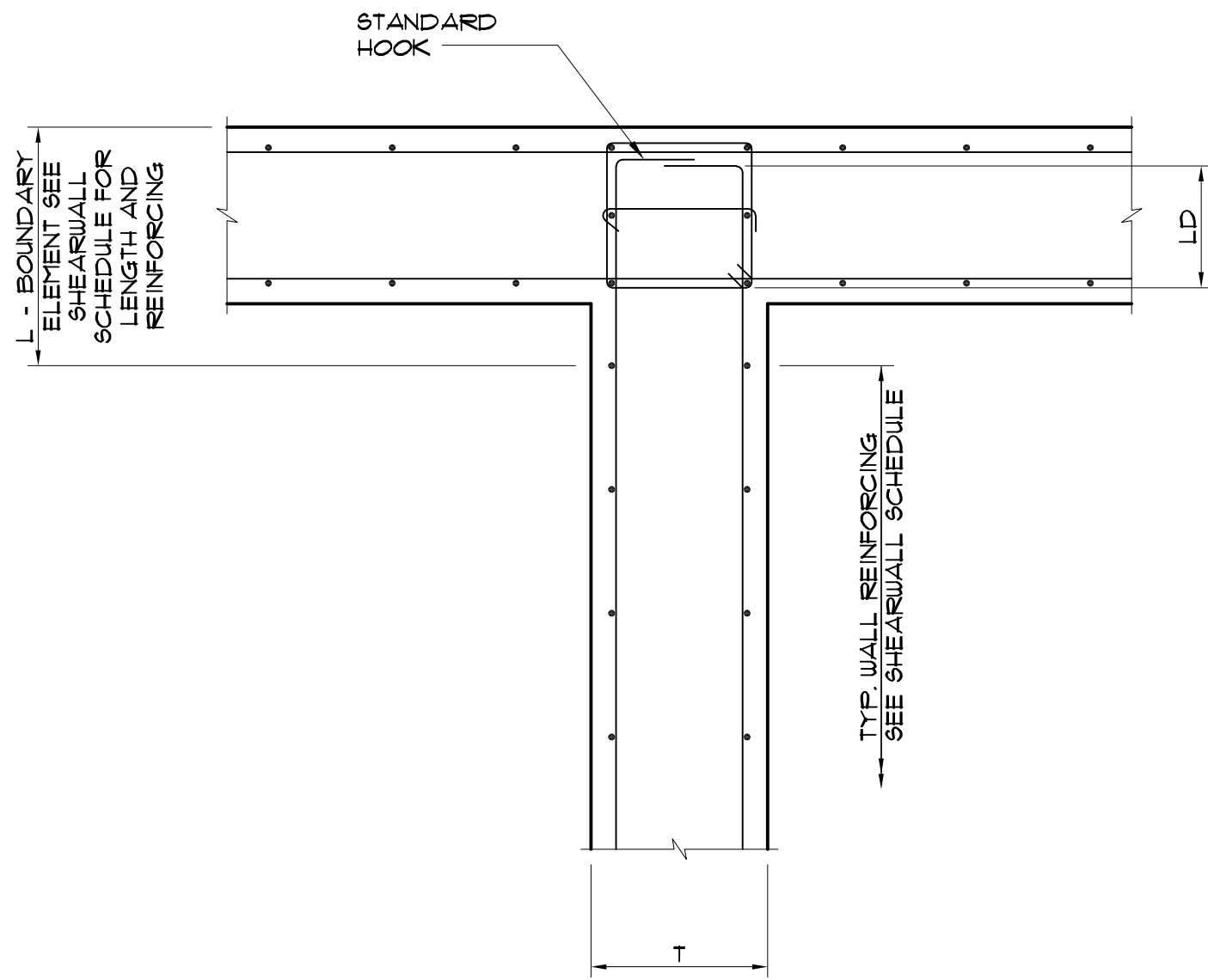
NOTES:  
1. ALTERNATE 90-DEG. HOOK ON CONSECUTIVE CROSSTIES.  
2. PROVIDE INTERMEDIATE CROSSTIES IF CLEAR SPACE BETWEEN VERTICAL BARS IN BOUNDARY ELEMENT IS MORE THAT OR EQUAL TO 6".  
3. HORIZONTAL SPACING OF CROSSTIES OR LEGS OF OVERLAPPING HOOPS SHALL NOT EXCEED 14" O.C.  
4. LARGER OF 6 BAR DIAMETERS OR 3".  
5. ENGINEER TO PROVIDE WALL THICKNESS; SIZE AND SPACING OF TYPICAL REINFORCEMENT; SIZE OF BOUNDARY ELEMENT; SIZE AND NO. OF VERTICAL BARS IN BOUNDARY ELEMENT; AND, SIZE AND SPACING OF HOOPS AND CROSSTIES IN BOUNDARY ELEMENT.



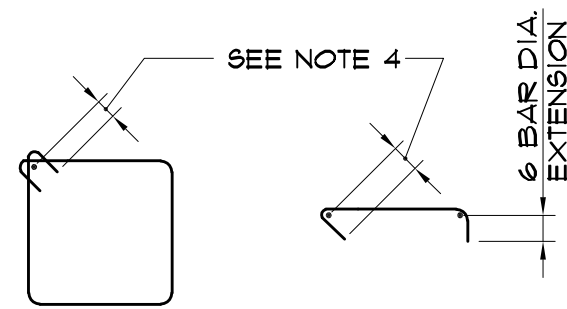
SHEARWALL SW-1



SHEARWALL SW-2



SHEARWALL SW-3



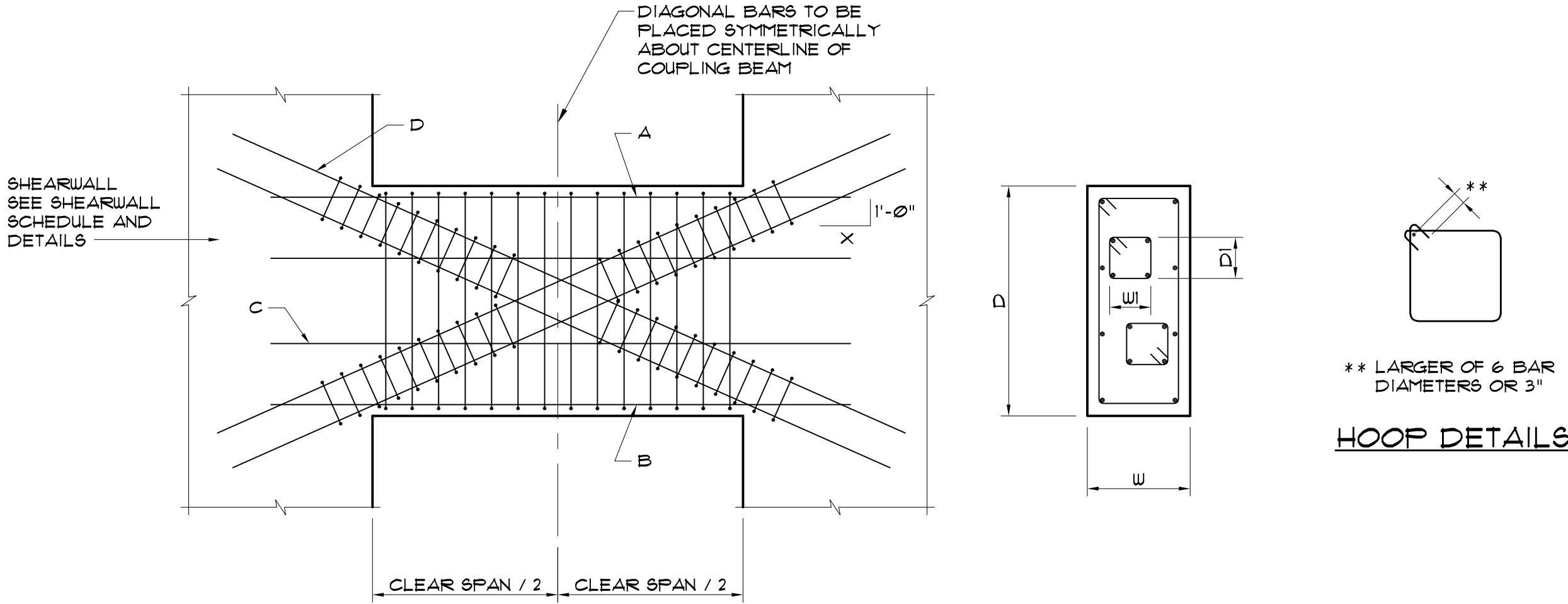
HOOP AND CROSSTIE DETAILS

MIN. DEVELOPMENT LENGTH LD		
WALL HORIZ. BAR SIZE	CONCRETE	
	4000 psi	5000 psi
#3	0'-6"	0'-6"
#4	0'-8"	0'-7"
#5	0'-10"	0'-9"
#6	0'-11"	0'-10"
#7	1'-1"	1'-0"
#8	1'-3"	1'-2"
#9	1'-5"	1'-3"
#10	1'-7"	1'-5"
#11	1'-9"	1'-7"

NOTES:  
1. APPLICABLE TO NORMAL WEIGHT CONCRETE (145 PCF) WITH UNCOATED GRADE 60 REINFORCING BARS.  
2. FOR LIGHTWEIGHT CONCRETE, MULTIPLY TABULATED VALUES BY 125.  
3. FOR EPOXY-COATED BARS, MULTIPLY TABULATED VALUES BY 13.

COUPLING BEAM SCHEDULE											
MARK	SIZE W x D	TOP BARS A	BOTTOM BARS B	SIDE BARS EA. FACE C	HOOPS		DIAGONAL BARS			REMARKS	
					SIZE	SFA	D	X	HOOPS		
									SIZE	WxD1	
CBI	18x50	2-#5 x12'-0"	2-#5 x12'-0"	5-#5 x12'-0"	#5	1#2, BALANCE #8	4-#6 x12'-9"	2'-3"	#3#4	0'-9"x0'-9"	NOTE 1

NOTE:  
1. ENGINEER TO PROVIDE COUPLING BEAM SIZE; NO. AND SIZE OF TOP, BOTTOM, AND SIDE BARS; HOOP SIZE AND SPACING; SIZE, LENGTH, NUMBER, AND ANGLE OF DIAGONAL BARS; AND SIZE AND SPACING OF HOOPS AROUND DIAGONAL BARS.



COUPLING BEAM BARS PLACING DIAGRAM