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BEAM SCHEDULE

E.F. = EACH FACE
E.E. = EACH END PER SPAN, O.C. = ON-CENTER

MARK	TOP OF BEAM ELEV.	SIZE (in) b x d	LONGITUDINAL REINFORCEMENT B	A	T	C	E	F(E.F.)	STIRRUPS No.	TYPE	SPACING EA. END	REMARKS
RTB-1	+24-5"	8" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
RTB-2	+24-5"	(**)	(**)		(**)				#3	☐	(*) @ 48"	(*)(4)@12"E.E. BAL @48"O.C. (**)SEE DETAIL A/S-2.1
RTB-3	+23-8"	8" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
RTB-4	+20-4"	8" x 24"	2 #5		2 #5			2 #5	#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
RB-1	+24-5"	8" x 12"	2 #5		2 #5			1 #5	#3	☐	@ 4"	
RB-2	+24'-5"	8" x 30"	2#7		2 #7			1 #5	#3	☐	@ 7"	
RB-3	+24'-5"	8" x 24"	2#6		2 #5			1 #5	#3	☐	@ 6"	
RB-4	+24'-5"	8" x 30"	(*) 4 #5		2 #5				#3	☐	@ 13"	(*) 2 LAYERS(2&2)
RB-5	+24'-5"	8" x 12"	2 #5		2 #5				#3	☐	@ 12"	
RB-6	+24'-5"	12" x 23"	4 #6		2 #6			1 #5	#3	☐	@ 13"	SEE DETAIL H/S-4.1
RB-7	+24'-5"	8" x 24"	2 #5		2 #5				#3	☐	@ 10"	
2TB-1	+12'-6"	8"x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
2TB-2	+12'-6"	8" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
2TB-3	+11'-2"	8" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
2TB-3A	+12'-6"	16" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	(4) @ 12" E.E. BAL @ 48" O.C.
2B-1	+12'-6"	8" x 24"	2 #5		2 #5				#3	☐	@ 7"	
2B-2	+12'-6"	12" x 24"	3 #7		3 #6			1 #5	#3	☐	@ 7"	
2B-3	+12'-6"	8" x 24"	2 #5		2 #5			1 #5	#3	☐	@ 10"	
2B-4	+12'-6"	8" x 16"	(*) 4 #6		2 #5			1#5	#3	☐	@ 6"	(*) 2 LAYERS(2&2)
2B-5	+12'-6"	8" x 33"	(*) 4 #5		4 #5			1 #5	#3	☐	@ 7"	(*) 2 LAYERS(2&2)
2B-6	+12'-6"	8" x 30"	2 #7		2 #7			1 #5	#3	☐	@ 10"	
2B-7	+12'-6"	8" x 30"	2 #7		2 #7			1 #5	#3	☐	@ 7"	
2B-8	+12'-6"	12" x 12"	3 #5		3#5			1 #5	#3	☐	@ 4"	
												(4) @ 12" E.E. BAL @ 48" O.C.
TB-1	+6'-6 1/2"	8" x 12"(MIN)	2 #5		2 #5				#3	☐	@ 48"	

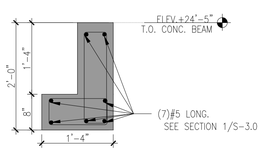
CONCRETE LINTEL SCHEDULE

WIDTH	HEIGHT	CLEAR SPAN IN FEET	REINFORCING TOP	BOTTOM	TIES
8"	8"	5'-0" TO 7'-0"	2#4	2#5	#3@12"OC
8"	12"	7'-0" TO 9'-0"	2#5	2#5	5#3@4"EE, BAL @12"OC
8"	16"	9'-0" TO 12'-0"	2#5	2#6	5#3@6"EE, BAL @12"OC

BEAM INTERMEDIATE REINFORCEMENT

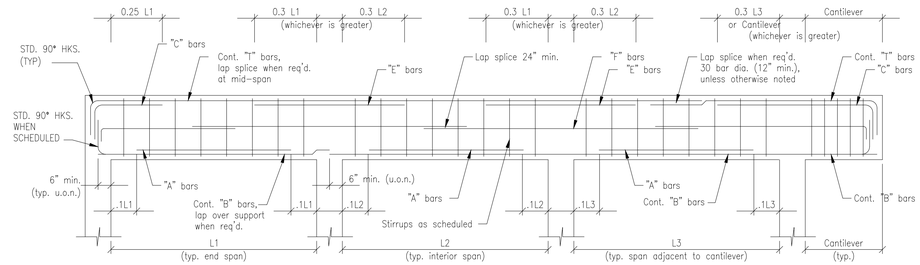
E.F.=EACH FACE

BEAM DEPTH	BEAMS 6" TO 8" WIDE	BEAMS 9" TO 14" WIDE	BEAMS 15" TO 20" WIDE	BEAMS 21" TO 24" WIDE
UP TO 24"	NONE	NONE	NONE	NONE
25" TO 36"	1-#5 EACH FACE	1-#5 EACH FACE	1-#5 EACH FACE	1-#6 EACH FACE
37" TO 54"	2-#5 EACH FACE	2-#5 EACH FACE	2-#5 EACH FACE	2-#6 EACH FACE
55" TO 72"	3-#5 EACH FACE	3-#5 EACH FACE	3-#5 EACH FACE	3-#6 EACH FACE



RTB-2

A S-2.1 TIE BEAM DETAIL
SCALE: 3/4"=1'-0"



TYPICAL BEAM DIAGRAM

BAR PLACEMENT NOTES:

1. BEAMS SHOWN IN PLAN ARE READ FROM LEFT TO RIGHT.
2. THE MINIMUM CLEAR DISTANCE BETWEEN PARALLEL BARS IN A LAYER SHALL BE EQUAL TO THE NOMINAL DIAMETER OF THE BARS. IN NO CASE SHALL THE CLEAR DISTANCE BETWEEN BARS BE LESS THAN ONE INCH, NOR LESS THAN ONE AND ONE-HALF TIMES THE MAXIMUM SIZE OF THE COARSE AGGREGATE.
3. WHEN REINFORCEMENT IS PLACED IN TWO OR MORE LAYERS, THE CLEAR DISTANCE BETWEEN LAYERS SHALL NOT BE LESS THAN ONE INCH NOR LESS THAN THE DIAMETER OF THE BARS, AND THE BARS IN THE UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE THOSE IN THE BOTTOM LAYER.
4. "B" BARS ARE BOTTOM BARS. "B" BARS OF INTERIOR BEAMS SHALL EXTEND OVER SUPPORTS 6" MIN. UNLESS OTHERWISE NOTED OR THEY MAY BE CONTINUOUS.
   "B" BARS OF PERIMETER BEAMS SHALL BE SPLICED (IF REQUIRED) AT OR NEAR THE SUPPORT WITH CLASS "B" TENSION SPLICE, AND 25% OF "B" BARS SHALL PASS CONTINUOUS OVER SUPPORT AREA BUT NOT LESS THAN TWO BARS, THESE BARS SHALL BE ANCHORED AT END SUPPORT TO DEVELOP fy USING A STANDARD HOOK OR HEADED DEFORMED BAR, SEE SCHEDULE FOR HOOKED BARS LENGTH.
5. "A" BARS ARE BOTTOM BARS. "A" BARS DO NOT EXTEND OVER SUPPORTS. "A" BARS SHALL BE PLACED IN THE SAME LAYER AS "B" BARS (U.O.N.).
6. "T" BARS ARE CONTINUOUS TOP BARS. "T" BARS SHALL BE LAP SPLICED WHEN REQUIRED AT MID-SPAN WITH A CLASS "B" TENSION SPLICE. FOR PERIMETER BEAMS AT LEAST 17% OF "T" BARS SHALL PASS CONTINUOUS OVER SUPPORT AREA BUT NOT LESS THAN TWO BARS, THESE BARS SHALL BE ANCHORED AT END SUPPORT TO DEVELOP fy USING A STANDARD HOOK OR HEADED DEFORMED BAR, SEE SCHEDULE FOR HOOKED BARS LENGTH.
7. "C" BARS ARE TOP BARS AT THE DISCONTINUOUS END OF END SPANS. "C" BARS SHALL BE PLACED IN THE SAME LAYER AS "T" BARS UNLESS OTHERWISE NOTED.
8. "E" BARS ARE TOP BARS OVER INTERIOR SUPPORTS. "E" BARS SHALL BE PLACED IN THE SAME LAYER AS "T" BARS UNLESS OTHERWISE NOTED.
9. "F" BARS SHALL BE EQUALLY SPACED BETWEEN "B" AND "T" BARS, HALF ON EACH VERTICAL FACE. "F" BARS MAY BE CONTINUOUS. SEE BEAM INTERMEDIATE REINFORCEMENT TABLE UNLESS SCHEDULE NOTE.
10. STIRRUPS SPACING IS FROM FACE OF SUPPORT. STIRRUPS SHALL HAVE "B" OR "T" BARS TIED IN EACH CORNER.
11. ALL REINFORCING BARS TO HAVE A MINIMUM OF 1 1/2" CLEAR COVER (U.O.N.) 12. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE PROVIDED IN ACCORDANCE WITH ACI 318-11, SECTION 7.7.1.
12. STIRRUPS IN TIE BEAMS SHALL BE #3 TIES, 4 AT 12"c/c EACH END, BAL. AT 48"c/c U.N.O.
13. PROVIDE 2-#5 CORNER BARS (EXTEND 30" IN EACH DIRECTION FROM CORNER).
14. WHERE CONC. LINTELS NOT USED DROP TIE-BEAM ABOVE OPENING, ADD 2#5 BOTT AND #3 STIRRUPS @ 8".

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PROJECT NAME

P8
PINECREST
EIGHT

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PINECREST, FLORIDA 33156

FILE NAME
24-0609

DATE
NOVEMBER 7TH, 2024

REVISION	DATE	BY

DRAWING NAME
SCHEDULES

DESING BY:
RAISSA LOPEZ

DRAWN BY:
N. C / A.G

SHEET N0.
S-2.1