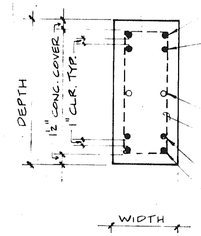
BEAM SCHEDULE

MARK	SIZE WIDTH × DEPTH	REINFORCING STEEL TOP	MID	BOTTOM	STIRRUPS	REMARKS
2	18" × 41¼"	4 - #9 PLUS	2 - ROWS OF 2#5	4 - #9 PLUS	PER DETAIL	SEE DETAIL ON S-18
4	DO	DO	DO	DO	DO	DO
6	DO	DO	DO	DO	DO	DO
10	DO	DO	DO	DO	DO	DO
16	DO	DO	DO	DO	DO	DO
17	18" × 41¼"	4 - #9 PLUS	2 - ROWS OF 2#5	4 - #9 PLUS	PER DETAIL	SEE DETAIL ON S-18
A	8" × 18"	2 - #5	—	2 - #5	#3 @ 6½" oc	
B	8" × 16"	2 - #5	—	2 - #5	#3 @ 6" oc	
C	8" × 30"	2 - #6	—	2 - #6	#3 @ 10" oc	
D	8" × 2'-8"	2 - #5	2 #5	2 - #5	#3 @ 12" oc.	
E	8" × 24"	2 LAYERS OF 2 #6	—	2 LAYERS OF 2 #6	#3 @ 10" oc.	SEE SHEET S-4
G	8" × 24"	2 #5	—	2 #7	#3 @ 10" oc	" " "
H	8" × 24"	2 #5	—	2 #5	#3 @ 18" o.c.	
J	12" × 24"	2 #6	—	2 #6	#3 @ 10" o.c.	
K	8" × 24"	2 #6	—	2 #6	#3 @ 10" o.c.	
L	12" × 50¾"	2 #6	3 ROWS EQ. SPACED 2 #5	2 #6	#3 @ 10" oc	
M	8" × 50¾"	2 #6	3 ROWS EQ. SPACED 2 #5	2 #6	#3 @ 18" oc	
P	8" × 24"	2 - #5	-	2 - #5	#3 @ 18 oc	REAR TRELLIS BEAM
R	8" × 14"	2 - #5		2 - #5	#3 @ 4" oc.	
S	8" × 36"	2 #6	2 ROWS OF 2 #5	2 #6	#3 @ 24" oc.	SEE SECTION "ST1/S-19"
T	8" × 29"	2 #6	-	2 #6	#3 @ 10" oc	
V	8" × 20"	2 #5	2 #5	2 #5	#3 @ 12" oc	
W	12" × 20"	2 #5	2 #5	2 #5	#3 @ 12" oc	PROVIDE MECH SPLICE CONNECTORS @ COLUMNS
X	8" × 40"	2 #5	2 #5	2 #5	#3 @ 12" oc.	



1ST LAYER TOP STEEL

2ND LAYER TOP STEEL: (IF REQUIRED)

NOTE: TOP BARS TO SPLICE AT MID-SPAN OF BEAM & TOP STEEL TO HOOK AT ENDS.

MID-STEEL: (IF REQUIRED)

STIRRUPS: SEE SCHEDULE

NOTE: PLACE 1ST STIRRUP AT ½ SPACING AWAY FROM SUPPORTS.

2ND LAYER BOTTOM STEEL: (IF REQUIRED)

1ST LAYER BOTTOM STEEL

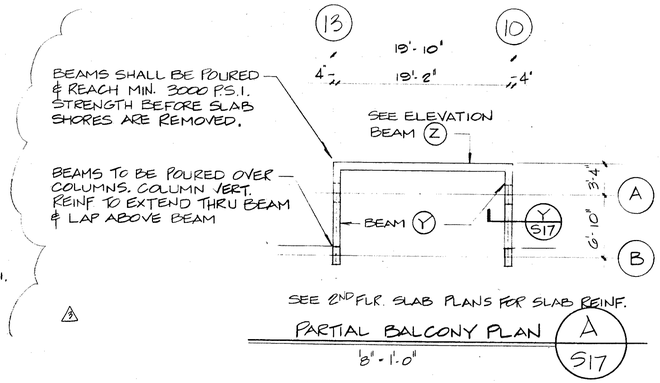
NOTE: BOTTOM STEEL TO SPLICE AT SUPPORTS.

TYPICAL BEAM DETAIL

CONC. STRENGTH = TRANSFER BEAMS = 4500 PSI. ALL OTHERS 4000 P.S.I.
REBAR GRADE = A615-60

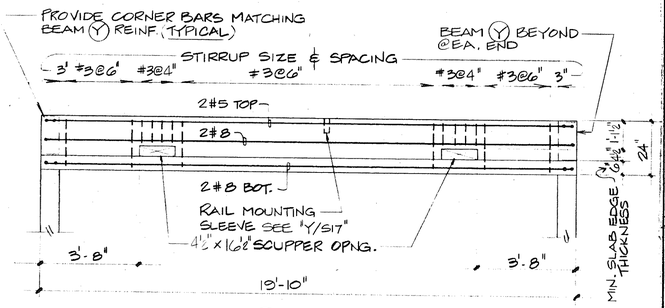
BEAM SCHEDULE CONTINUED

Y	8" × 24" UPTURNED	2#7	-	2#6 (+)	#3 @ 4" oc.	SEE SECTION "Y/S17"
Z	8" × 24" UPTURNED	2#5	2#8	2#8	SEE BEAM Z	ELEV. THIS SHEET



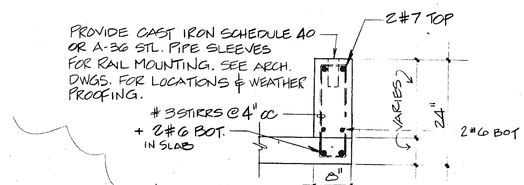
PARTIAL BALCONY PLAN A/S17

⅛" = 1'-0"



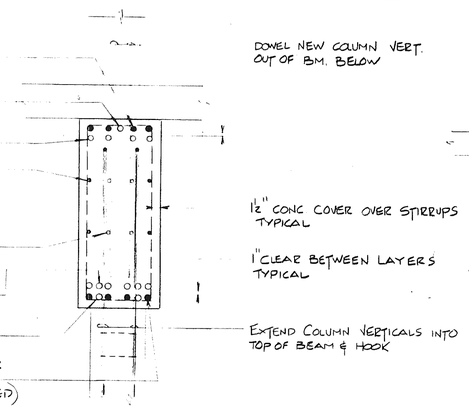
BEAM Z ELEVATION

⅜" = 1'-0"



SECTION Y/S17

¾" = 1'-0"



● INDICATES CONT. TOP STEEL PER BEAM SCHEDULE (SPLICE AT MID-SPAN IF REQUIRED)

○ INDICATES ADDITIONAL TOP STEEL PLACED IN 1ST LAYER

○ INDICATES ADDITIONAL TOP STEEL PLACED IN 2ND LAYER

● INDICATES MID. REINF TO BE EQUALLY SPACED BETWEEN TOP & BOTTOM REINF STEEL (SPLICE W/ CLASS C LAP)

○ INDICATES ADDITIONAL MID-REINF TO BE PLACED IN SAME LAYER AS CONT REINF.

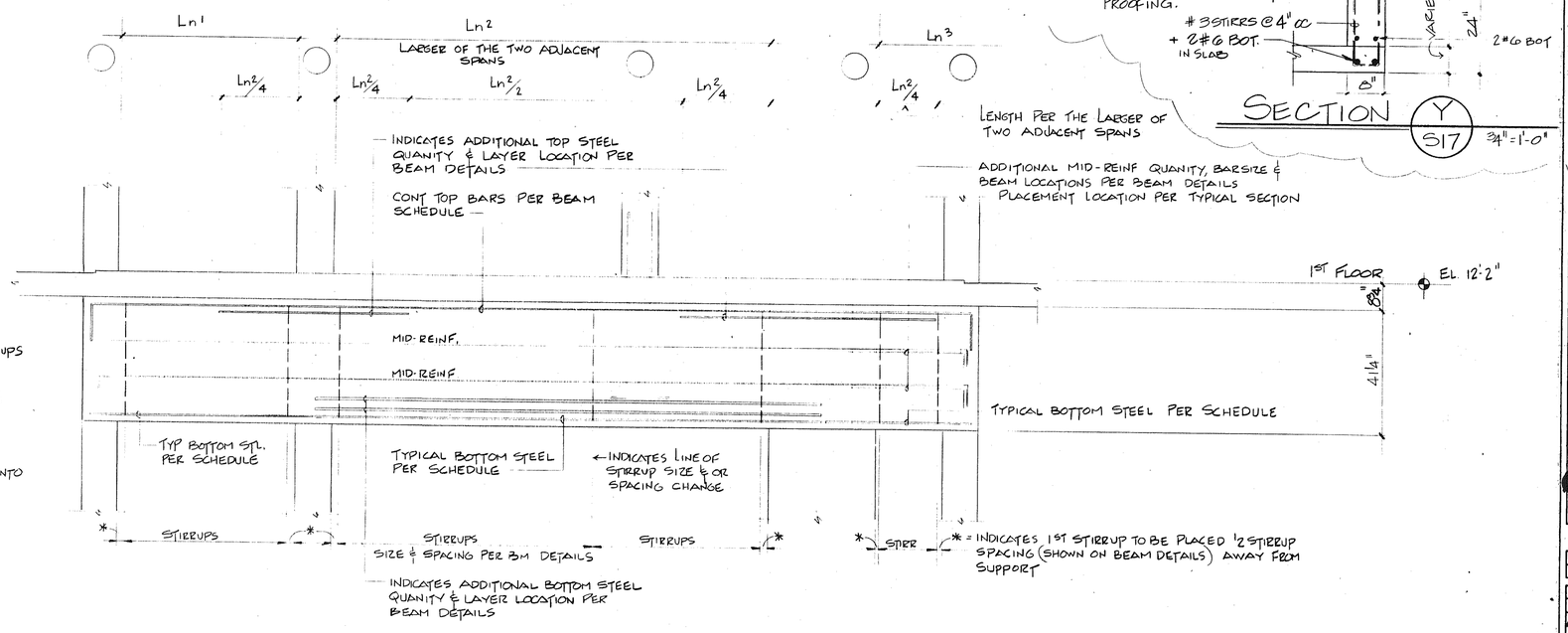
○ INDICATES ADDITIONAL BOTTOM STL. PLACED IN 2ND LAYER

○ INDICATES ADDITIONAL BOTTOM STL. PLACED IN 1ST LAYER

INDICATES TYPICAL BOTTOM STL REINF. PER BEAM SCHEDULE (SPLICE AT COLUMNS AS SHOWN IF REQUIRED)

TYP. BEAM SECTION

N.T.S.



TYPICAL BEAM ELEVATION DETAIL

N.T.S.

TRANSFER BEAM DETAILS

SUNSET BEACH OF LONG BOAT KEY

ARVIDA CORPORATION · EDWARD J. SEIBERT AIA ARCHITECT & PLANNER PA · THE SWA GROUP
BRABHAM KUHNS DEBAY CONSULTING ENGINEERS · BENNETT & BISHOP INC CONSULTING ENGINEERS & SURVEYORS
ASSOCIATES STRUCTURAL ENGINEERS · OLSEN WHITE & ASSOCIATES

BLDG-2 · BEAM SCHEDULE

ISSUED 12-10-82
REVISED 1-4-83
1-27-83
11-11-83

SHEET S.17 OF 24

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