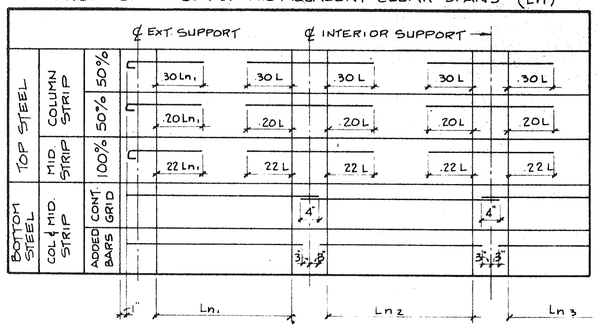
BAR LENGTH CODE

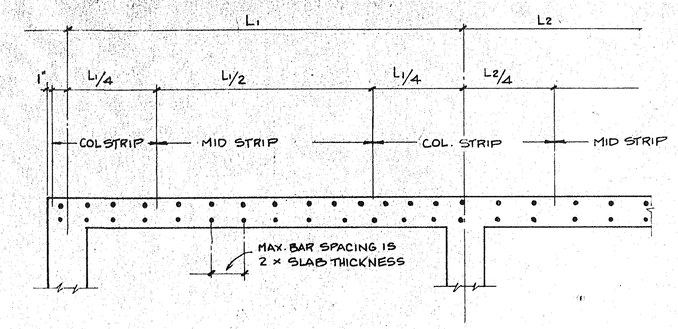
L = LENGTH OF LARGER OF TWO ADJACENT CLEAR SPANS (Ln)



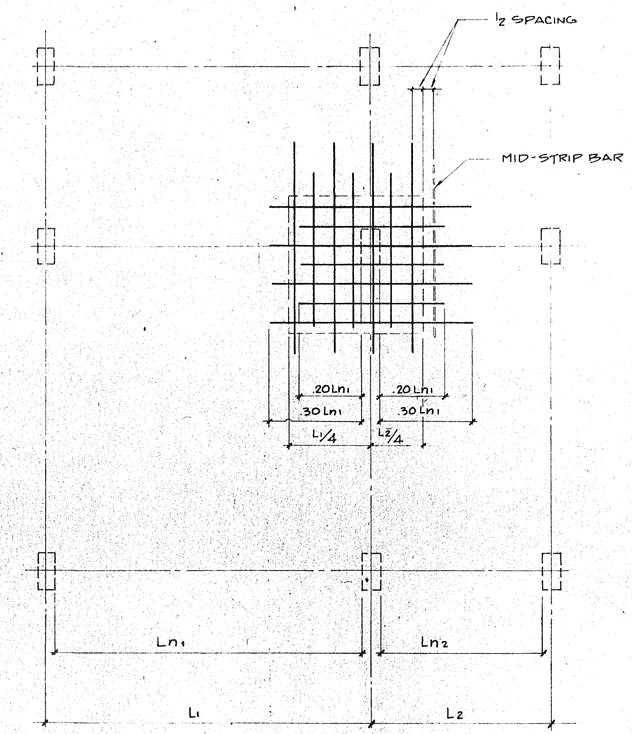
NOTE: COLUMN STRIP BARS ARE TO BE FABRICATED IN TWO LENGTHS AS SHOWN ABOVE

NOTES:

1. TOP BARS TO BE EQUALLY SPACED OVER COL STRIP (SEE NOTE #2) FROM ¼ SPAN TO ¼ SPAN WITH OUTERMOST BARS ½ SPACING FROM ¼ SPAN LIMIT.
2. 25% OF ALL TOP BARS IN ANY COLUMN STRIP MUST BE PLACED WITHIN AN AREA BOUND BY A LINE 6¾" EITHER SIDE OF COLUMN.
3. BAR PLACEMENT:
   BARS CLOSEST TO THE TOP & BOTTOM OF THE SLAB ARE TO BE PLACED PARALLEL TO THE PRIORITY ARROW. MAXIMUM BAR SPACING IS = 16" (EXCEPT TEMP STL.)
4. BARS CLOSEST TO TOP & BOTTOM OF SLAB TO HAVE 1" CONC. COVER.
5. AN ③ ON THE PLANS INDICATES STEEL WITH 3RD (LAST) PRIORITY PLACEMENT
6. BOTTOM REINF. IS A GRID OF #4 BARS @ 13" O.C. EA. WAY. (EXCEPT 1ST FLOOR SEE PLANS)
7. THE FIRST (2) ADDITIONAL BOTTOM BARS @ ANY SLAB EDGE ARE TO BE LOCATED IN THE FIRST 1'-0" FROM THE SLAB EDGE; THE REST TO BE LOCATED PER NOTE #8
8. (+) BARS • ADDITIONAL BARS SHOWN ON BOTTOM PLAN ARE IN ADDITION TO GRID STL. BARS SHOWN @ COLUMNS SHALL BE EVENLY DISTRIBUTED WITHIN THE COLUMN STRIP BARS SHOWN BETWEEN COLUMN STRIPS SHALL BE EVENLY DISTRIBUTED WITHIN THE MID-STRIP
9. FOR ALL OPENINGS IN SLAB WHERE BARS ARE INTERRUPTED, PROCEED AS FOLLOWS:
   a. OPENINGS COMMON TO TWO INTERSECTING MID-STRIPS, ADD ONE BAR SAME SIZE AND LENGTH AT NEAREST SIDE OF OPENING FOR EACH INTERRUPTED BAR.
   b. OPENINGS COMMON TO TWO COLUMN STRIPS: NOT MORE THAN ⅛ OF BARS IN EITHER SPAN MAY BE INTERRUPTED. EQUIVALENT OF REINF INTERRUPTED SHALL BE ADDED ON ALL SIDES OF THE OPENINGS.
   c. OPENINGS COMMON TO ONE COLUMN STRIP AND ONE MID-STRIP WILL BE THE SAME AS NOTE 8b EXCEPT ¼ OF BARS MAY BE INTERRUPTED.
10. CONDUITS OR PIPES IN SLAB MUST BE IRON OR STEEL (UNCOATED OR GALV.) NOT THINNER THAN STANDARD SCHEDULE 40, MUST NOT EXCEED AN OUTSIDE DIAMETER OF ⅓ x SLAB THICKNESS OR 2" DIA (I.D.) MAX., MUST BE LOCATED BETWEEN SLAB STEEL, AND SPACED NOT LESS THAN (3) DIA. ON CENTER
11. OPENINGS OTHER THAN CHASE OPENINGS ARE TO BE MADE BY SLEEVING WITHOUT ANY INTERRUPTION TO SLAB STEEL
12. REINF. STEEL TO BE = A615-60
13. CONC. SLABS TO BE 4000 P.S.I.



TYPICAL SECTION THRU SLAB



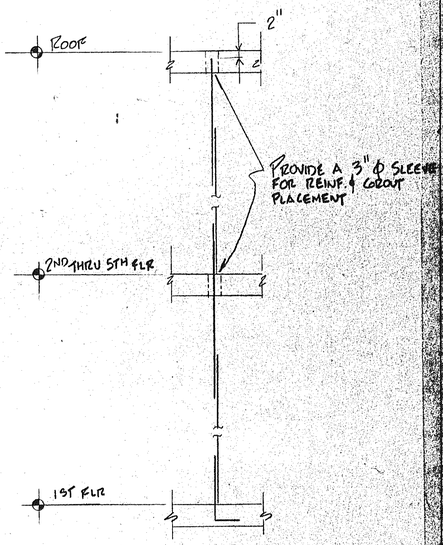
PLAN OF TYPICAL COLUMN STRIP BAR PLACEMENT

NON-LOAD BEARING EXTERIOR MASONRY WALL NOTES

1) PROVIDE 1-#5 VERT. @ ALL CORNERS, END WALLS & NEXT TO ALL OPENINGS & PROVIDE 1-#5 VERT. @ 4'-0" OC. BETWEEN (DOESN'T APPLY TO STAIRS & ELEVATORS)
2) GROUT FILL CELLS EA. SIDE OF COLUMN & PROVIDE DOVETAIL ANCHORS PER NOTE #3
3) PROVIDE HORIZ. JNT. REINF. @ 16" OC. W/ MATCHING DOVETAIL ANCHORS @ CONC. COLUMNS & SHEARWALLS

GENERAL REINF. MASONRY NOTES

1) MORTAR TO BE TYPE M OR S
2) BLOCKS SHOULD NOT BE MOISTENED BEFORE GROUTING
3) THE MINIMUM CONTINUOUS UNOBSTRUCTED CELL AREA MUST NOT BE LESS THAN 2"x3" AND MORTAR FINS MUST BE REMOVED BEFORE GROUTING
4) GROUTING SHOULD BE DONE IN NO MORE THAN 4'-8" LIFTS
5) GROUT TO CONSIST OF SAND & PORTLAND CEMENT ONLY W/ (8) BAGS OF PORTLAND CEMENT PER CUBIC YD. OF MIX. 8" TO 10" SLUMP (3000 PSI.)
6) GROUT TO BE DEPOSITED BY PUMP OR CONC. BUCKET & GROUT TO BE RODDED TO INSURE THAT CELLS ARE COMPLETELY FILLED
7) REINF. STL. GRADE = A615-60
   BAR LAP = CLASS "C" TENSION @ RETAINING WALLS
   40 x BAR DIA. ELSEWHERE
8) STRUCTURAL MASONRY WALLS SHALL HAVE A COMPRESSIVE STRENGTH OF 1800 P.S.I. & SHALL BE VERIFIED BY PRISM TEST
9) WALLS TO BE BUILT IN ACCORDANCE W/ ACI 531-79



TYP. FILLED CELL ELEVATION FOR NON-LOAD BEARING EXTERIOR WALLS

SUNSET BEACH
OF LONG BOATKEY

BLDG #7 TYPICAL SLAB REINFORCING STEEL PLACEMENT NOTES & DETAILS

ARVIDA CORPORATION
BRADENTON, FLORIDA
DEBAY CONSULTING ENGINEERS
THE SWA GROUP
LANDSCAPE ARCHITECTS, PLANNERS, PA
STRUCTURAL ENGINEERS
BENNETT & BISHOP INC CONSULTING ENGINEERS & SURVEYORE
WHITE & ASSOCIATES
CLOSE

ISSUED: 12-19-83
REVISED: 1-4-85

SHEET S-14
OF 88