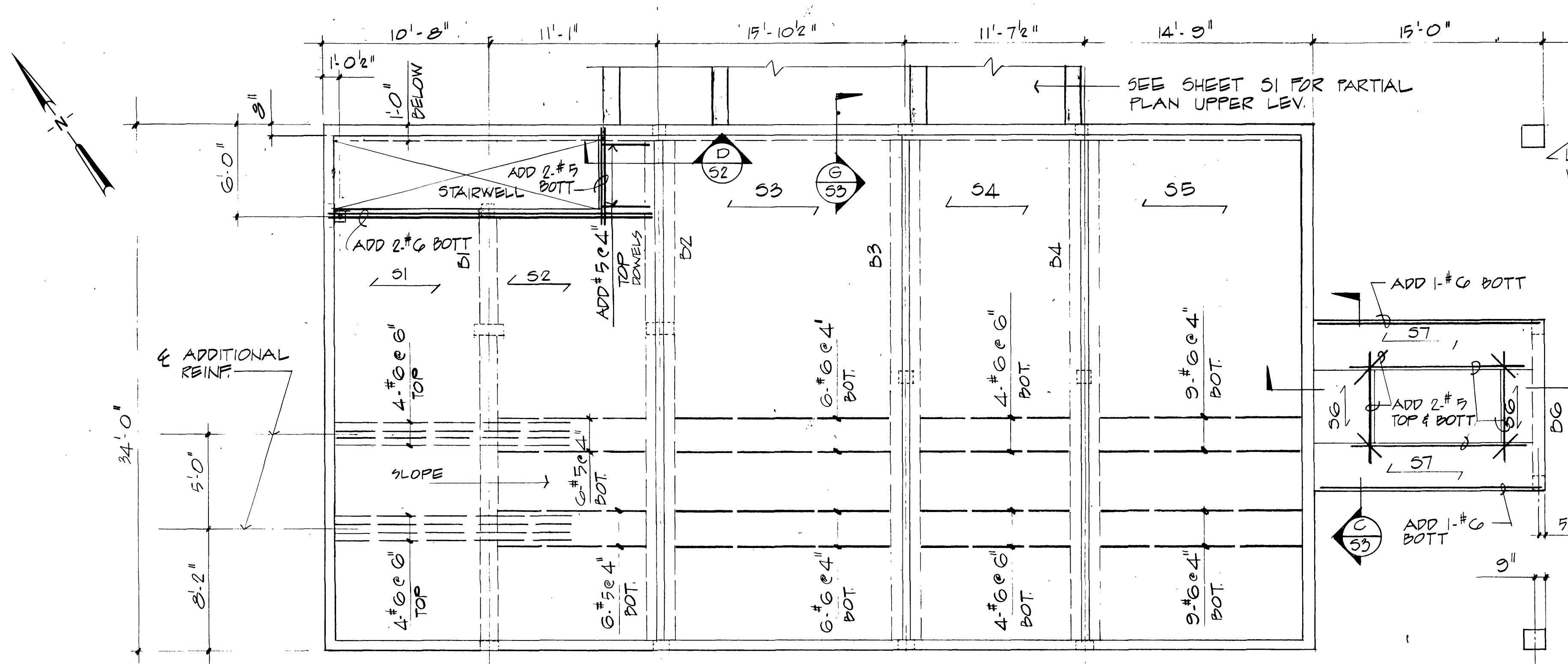
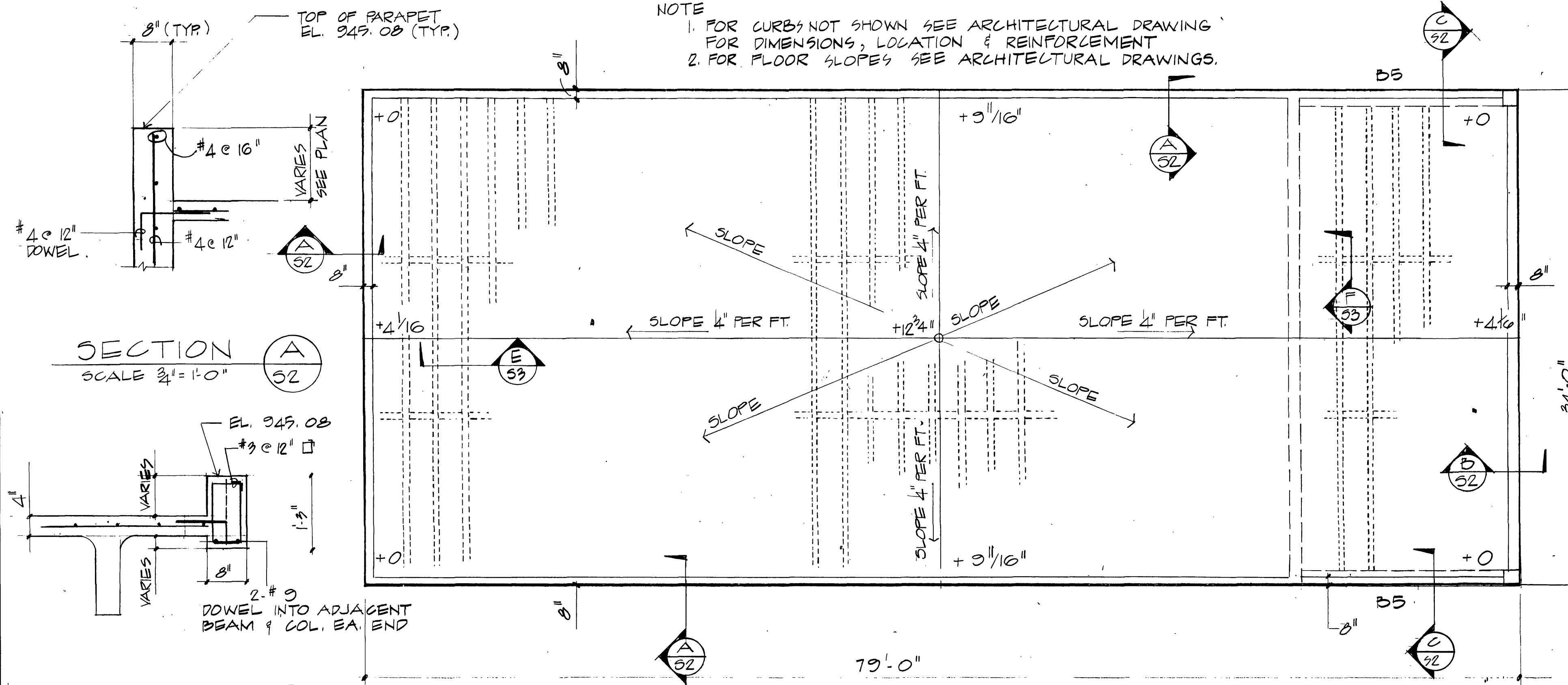




UPPER LEVEL FRAMING PLAN

SCALE  $\frac{3}{16}'' = 1'-0''$  FINISHED FLR. EL. 928.50 U.N.D.  
NOTE

1. FOR CURBS NOT SHOWN SEE ARCHITECTURAL DRAWING FOR DIMENSIONS, LOCATION & REINFORCEMENT
2. FOR FLOOR SLOPES SEE ARCHITECTURAL DRAWINGS.



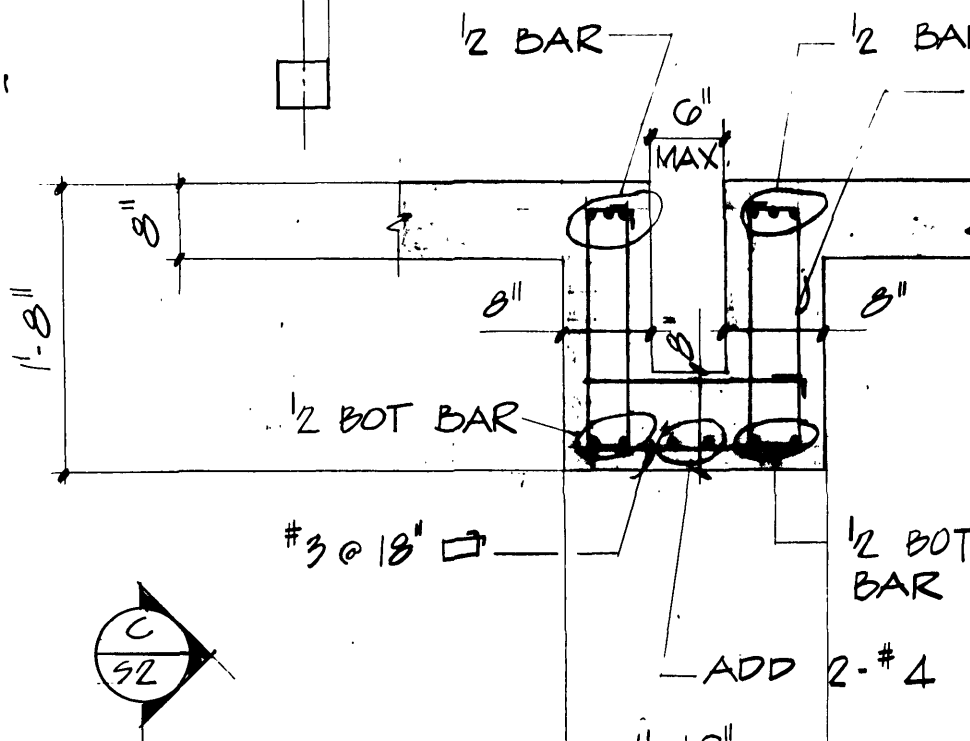
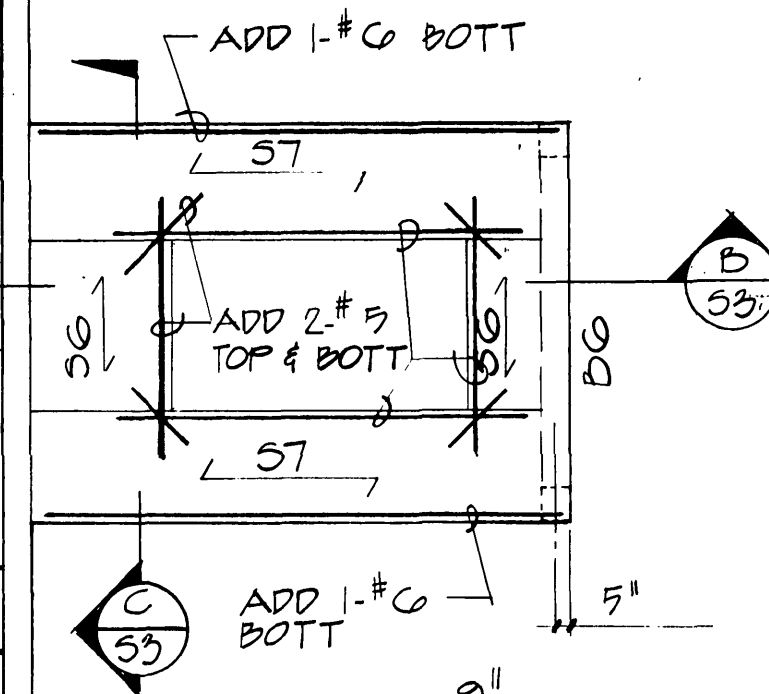
ROOF FRAMING PLAN

SCALE  $\frac{3}{16}'' = 1'-0''$

NOTE: 1. ELEVATIONS NOTED (+12'') ARE ABOVE FINISHED FLOOR ELEVATION SHOWN

2. FINISHED FLOOR EL. 943.83 U.N.D.
3. TOP OF PARAPET EL. 945.03 U.N.D.

SECTION D 52

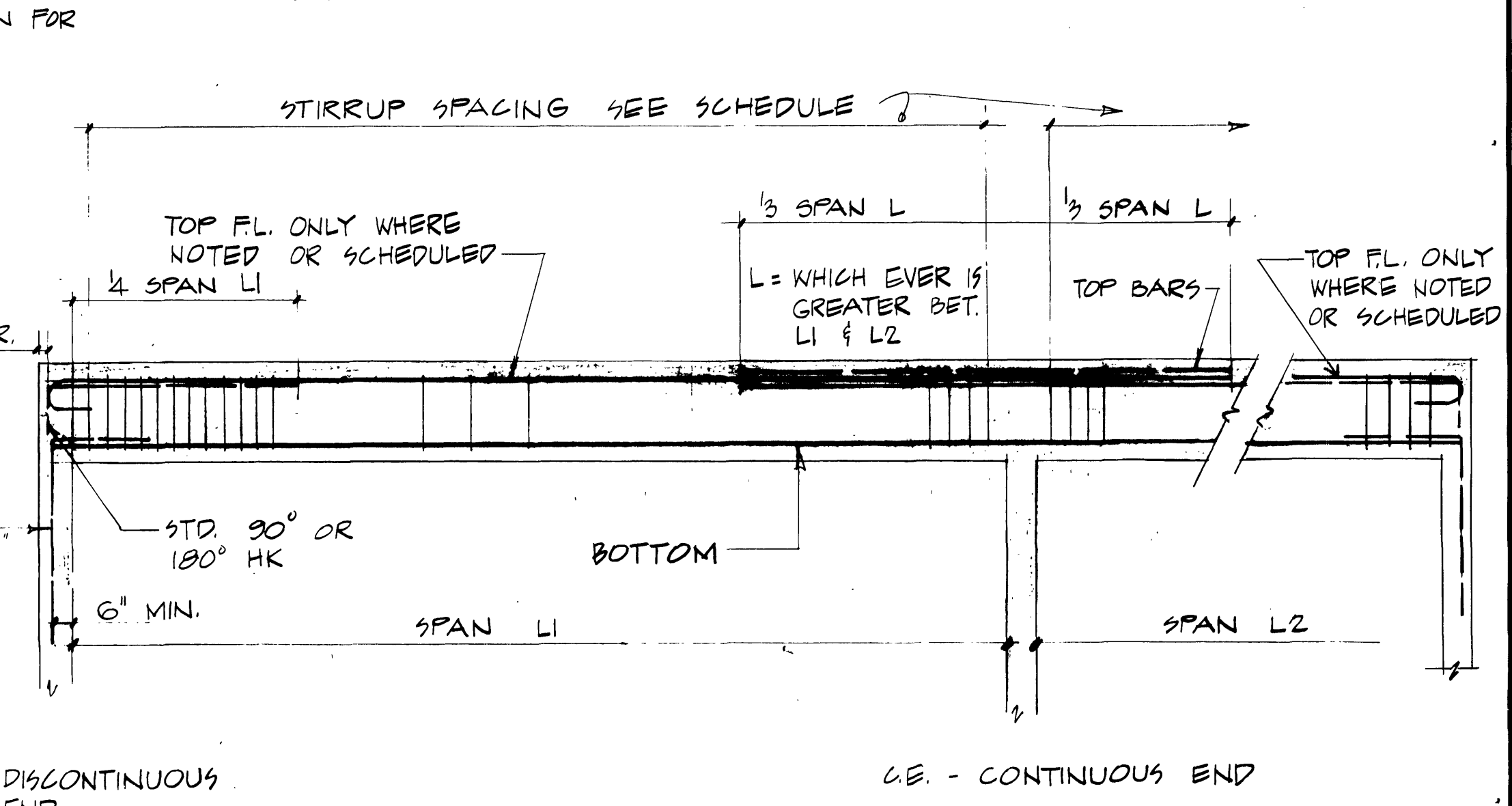


TYP. SECT B2, B3, & B4

SCALE  $\frac{3}{4}'' = 1'-0''$

SECTION C 52

SCALE  $\frac{3}{8}'' = 1'-0''$

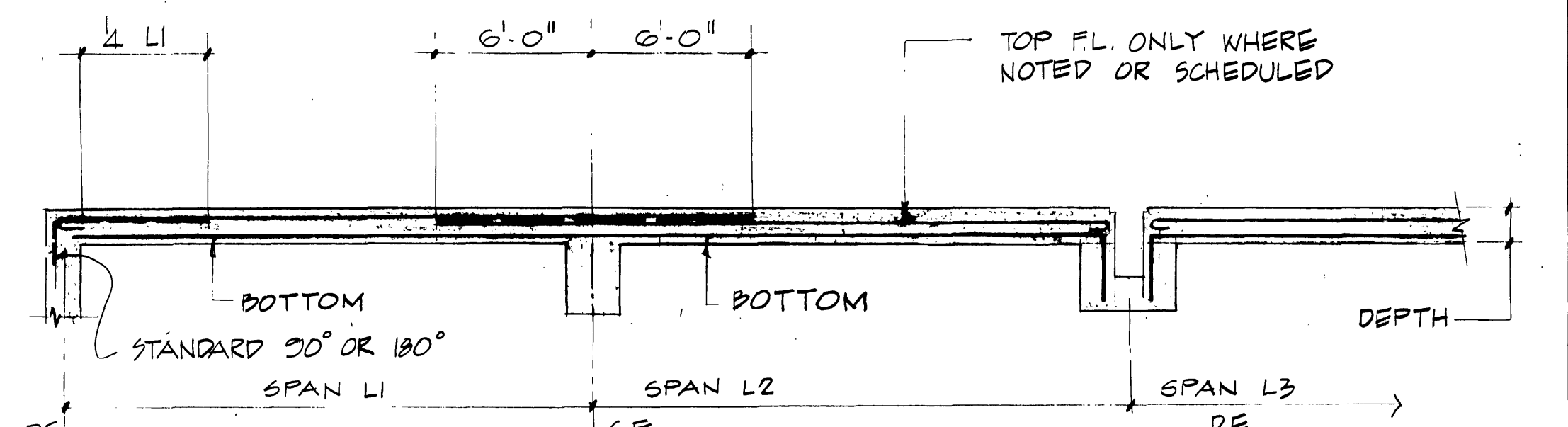


BEAM BAR BENDING & PLACING DET.

CLEAR COVER TO MAIN REINF. AS PER A.C.I.

CONCRETE BEAM SCHEDULE

| MARK | SIZE  |       | REINFORCING |     |     | STIRRUPS |                               | REMARKS                     |
|------|-------|-------|-------------|-----|-----|----------|-------------------------------|-----------------------------|
|      | WIDTH | DEPTH | BOTTOM      | TOP | END | SIZE     | SPACING EA END                |                             |
| B1   | 12    | 24    | 4#9         | 4#9 | CE  | 3        | 10#12, 10#12, 6#6, 6#6, 10#12 | TOP & BOT. BARS FULL LENGTH |
| B2   | 22    | 20    | 6#8         | 6#9 | CE  | 3        | 10#12, 10#6, 10#12            | SEE DET. FOR BAR PLACEMENT  |
| B3   | 22    | 20    | 6#9         | 6#9 | CE  | 3        | 10#12, 6#6, 10#12             | -DO-                        |
| B4   | 22    | 20    | 6#8         | 6#9 | CE  | 3        | 10#12, 6#6, 10#12             | -DO-                        |
| B5   | 12    | 24    | 4#9         |     | DE  | 3        | 10#12, 4#6, 10#12             | -DO-                        |
| B6   | 10    | 18    | 2#8         | 2#4 | DE  | 3        | 10#6, 10#12                   | -DO-                        |



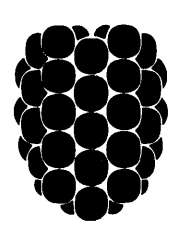
SOLID SLAB BAR BENDING & BENDING DETAIL

NOTE: CLEAR COVER TO REINFORCEMENT AS PER A.C.I.

CONCRETE SOLID SLAB SCHEDULE

| SLAB MARK | DEPTH | REINFORCEMENT |        |     |        | REMARKS                                                  |
|-----------|-------|---------------|--------|-----|--------|----------------------------------------------------------|
|           |       | BOTTOM        | TOP    | END | TEMP   |                                                          |
| S1        | 8     | #5@12"        | #6@12" | CE  | #4@12" | SEE PLAN FOR ADD'L STEEL                                 |
| S2        | 8     | #5@12"        |        | DE  | DO     | DO                                                       |
| S3        | 8     | #6@8"         |        |     | DO     | DO                                                       |
| S4        | 8     | #6@12"        |        |     | DO     | DO                                                       |
| S5        | 8     | #6@8"         |        |     | DO     | DO                                                       |
| S6        | 12    | #5@12"        | #4@12" |     | DO     | TOP STL. FULL LENGTH; EXTEND ALL STL. 2'-0" INTO SLAB S7 |
| S7        | 12    | #7@6"         | #4@12" |     | DO     |                                                          |

| REVISIONS | DATE | DESCRIPTION |
|-----------|------|-------------|
| 2         |      |             |
| 1         |      |             |



**Dewberry & Davis**

ENGINEERS ARCHITECTS PLANNERS SURVEYORS

3411 Arlington Boulevard Fairfax, Virginia 22030 Telephone 703-560-1100  
19201 Montgomery Village Ave. Gaithersburg, Md. 20760 Tele. 301-948-4120

PREPARED FOR  
CITY OF ROANOKE  
ROANOKE, VIRGINIA

CITY OF ROANOKE WASTEWATER TREATMENT PLANT  
SLUDGE DEWATERING FACILITIES

FRAMING PLANS, SCHEDULE & DETAILS

SCALE: AS SHOWN  
DATE: AUG. 1981  
DESIGNED BY: WW  
DRAFTED BY: CF  
SHEET 23 OF 33  
FILE NUMBER: PP 2967