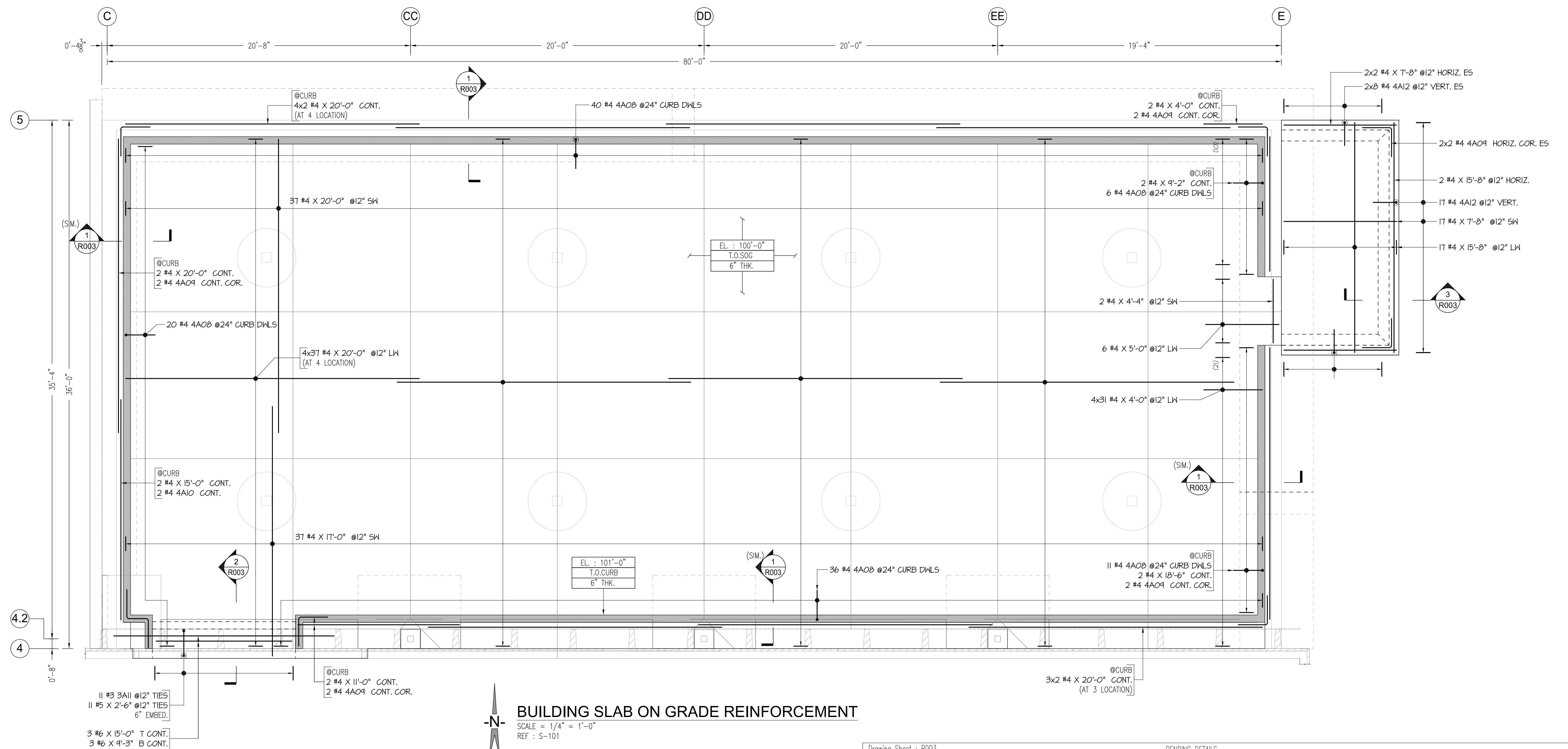
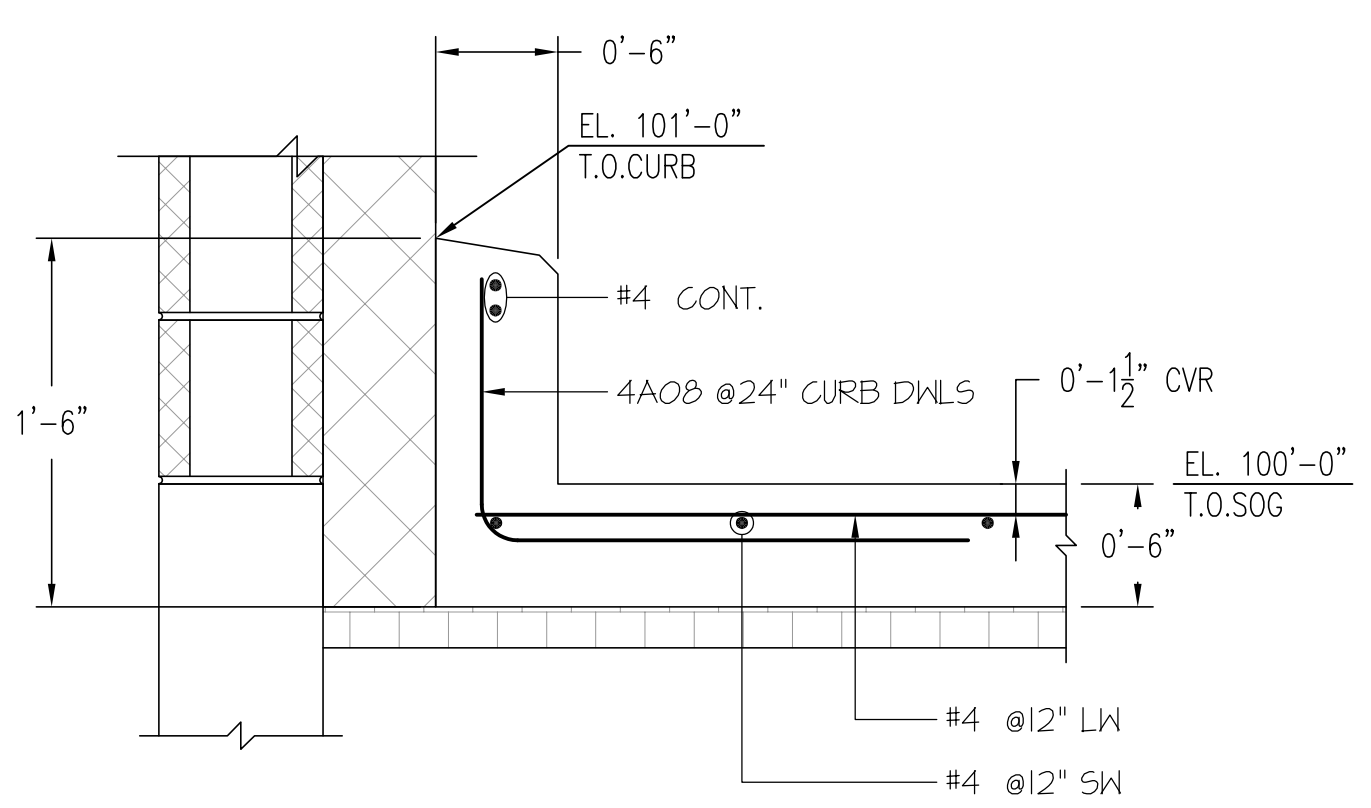


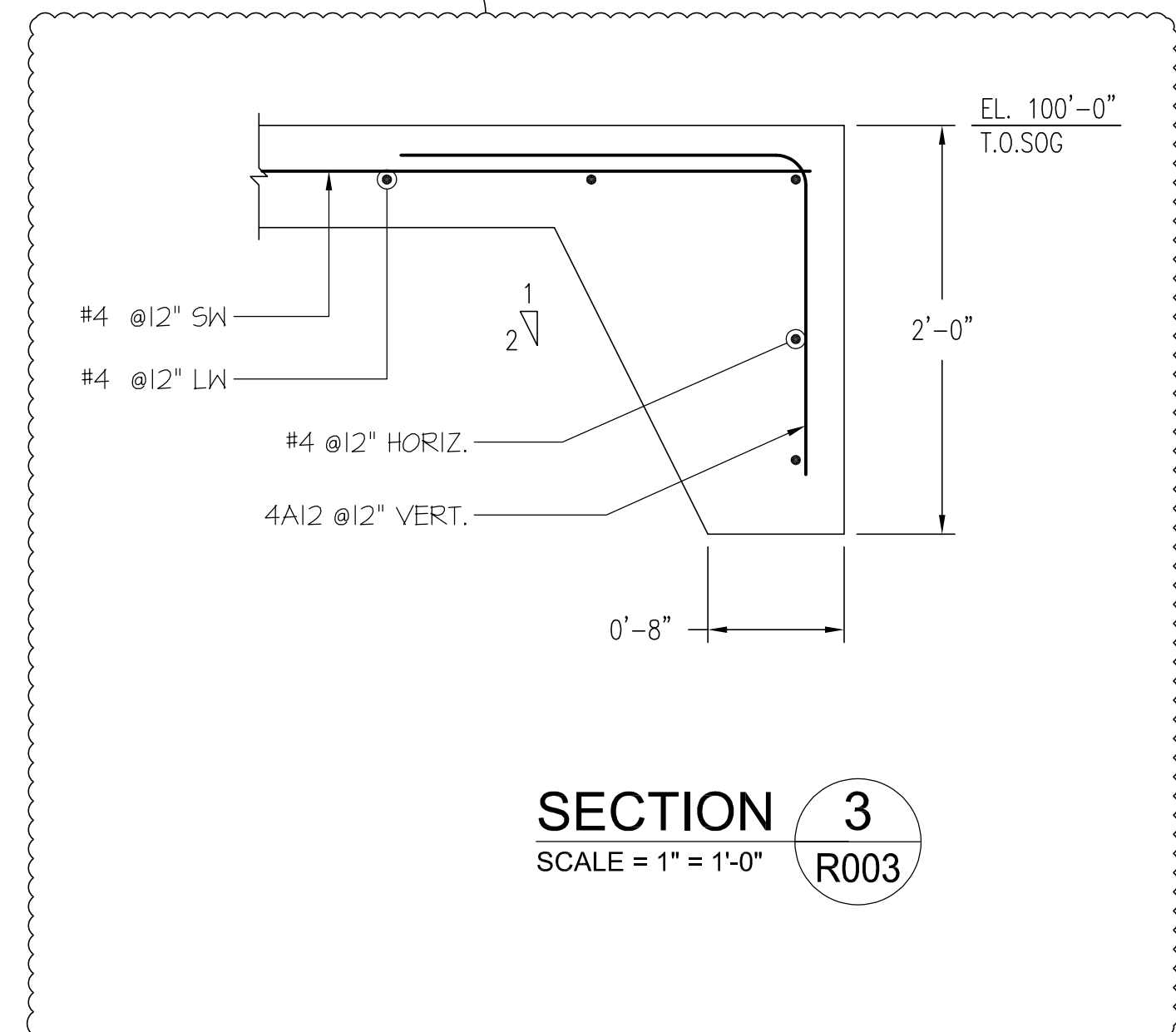


**BUILDING SLAB ON GRADE REINFORCEMENT**  
SCALE = 1/4" = 1'-0"  
REF : S-101

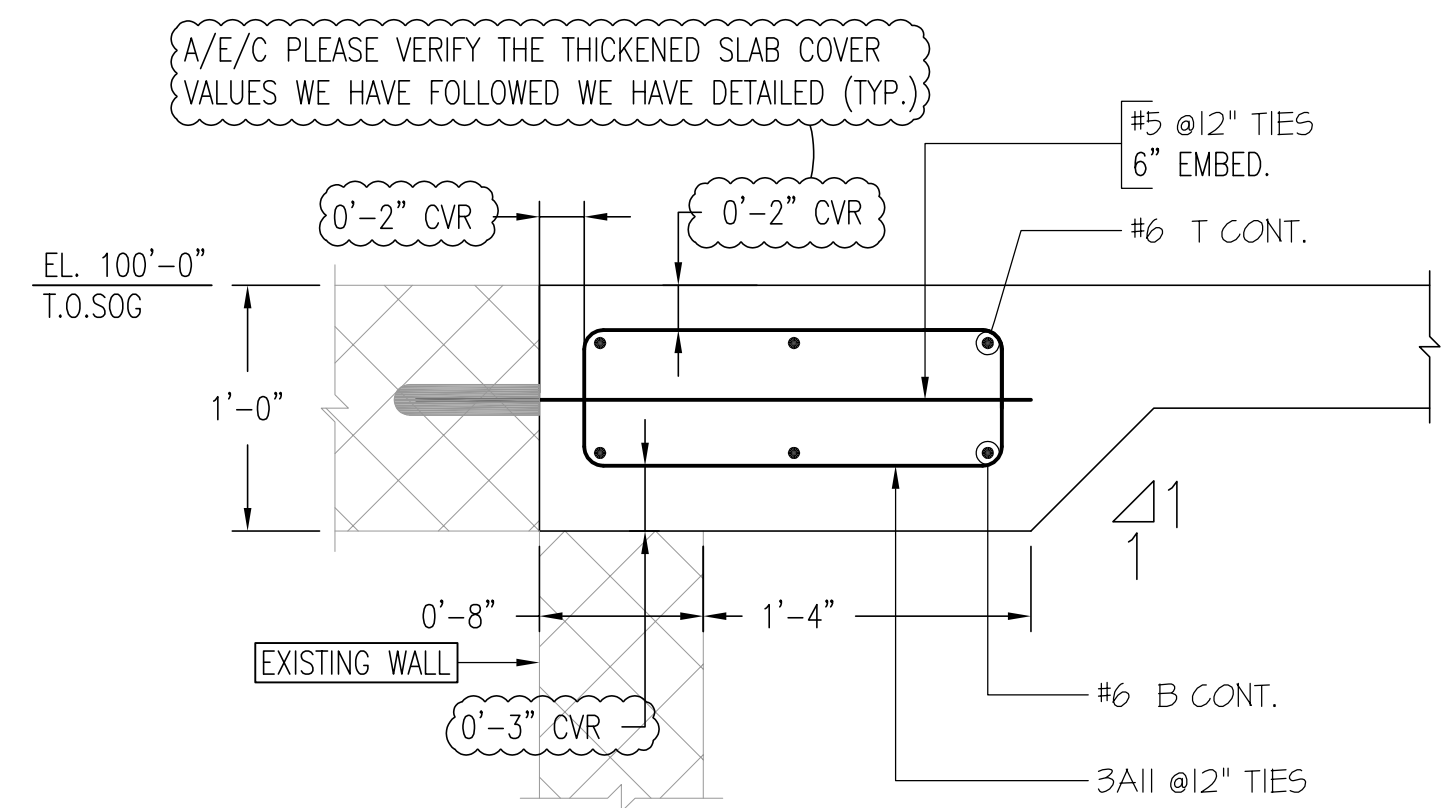


**SECTION 1**  
SCALE = 1" = 1'-0"  
REF: 1/S-502

A/E/C PLEASE VERIFY THE TURNED DOWN SLAB PROFILE AND REBAR ARRANGEMENT DETAILS WE HAVE FOLLOWED WE HAVE DETAILED (TYP.)

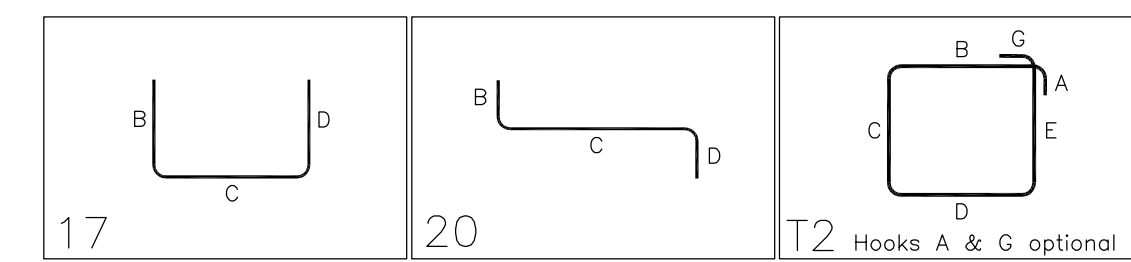


**SECTION 3**  
SCALE = 1" = 1'-0"  
R003



**SECTION 2**  
SCALE = 1" = 1'-0"  
REF: 1/S-502

| BENDING DETAILS |     |      |              |      |       |       |           |       |           |     |       |     |     |     |     |     |
|-----------------|-----|------|--------------|------|-------|-------|-----------|-------|-----------|-----|-------|-----|-----|-----|-----|-----|
| Bar Mark        | Qty | Size | Total Length | Type | 'A'   | 'b'   | 'c'       | 'd'   | 'e'       | 'f' | 'g'   | 'h' | 'j' | 'k' | 'l' | 'r' |
| 4A08            | 113 | #4   | 3'-1"        | 17   |       | 1'-1" | 2'-0"     |       |           |     |       |     |     |     |     |     |
| 4A09            | 12  | #4   | 4'-0"        | 17   |       | 2'-0" | 2'-0"     |       |           |     |       |     |     |     |     |     |
| 4A12            | 33  | #4   | 3'-7"        | 17   |       | 1'-7" | 2'-0"     |       |           |     |       |     |     |     |     |     |
| 4A10            | 2   | #4   | 5'-6"        | 20   |       | 2'-0" | 1'-6"     | 2'-0" |           |     |       |     |     |     |     |     |
| 3A11            | 11  | #3   | 5'-3 1/2"    | T2   | 0'-4" | 0'-7" | 1'-8 3/4" | 0'-7" | 1'-8 3/4" |     | 0'-4" |     |     |     |     |     |



A/E/C PLEASE VERIFY THE LAP VALUES IF DIFFERENT THAN SHOWN.

ALL REINFORCEMENTS IN THIS DRAWING ASTM ARE A615 GRADE 60 U.N.O.(BLACK UNCOATED)

| 8" CMU WALL<br>1 BAR PER CELL |          |
|-------------------------------|----------|
| Size                          | Top bars |
| #3                            | 1'-6"    |
| #4                            | 2'-0"    |
| #5                            | 2'-6"    |
| #6                            | 3'-7"    |
| #7                            | 5'-0"    |
| #8                            | 7'-8"    |
| #9                            | 9'-10"   |

| LAP SCHEDULE FOR 4000 PSI<br>FOUNDATION (CLASS B)<br>S ≥ 5d |          |            |
|-------------------------------------------------------------|----------|------------|
| Size                                                        | Top bars | Other bars |
| #3                                                          | 1'-2"    | 1'-0"      |
| #4                                                          | 1'-7"    | 1'-3"      |
| #5                                                          | 2'-0"    | 1'-6"      |
| #6                                                          | 2'-5"    | 1'-10"     |
| #7                                                          | 3'-6"    | 2'-8"      |
| #8                                                          | 4'-0"    | 3'-1"      |
| #9                                                          | 4'-6"    | 3'-6"      |
| #10                                                         | 5'-1"    | 3'-11"     |
| #11                                                         | 5'-8"    | 4'-4"      |

| LEGENDS |                  |
|---------|------------------|
| T/TOP   | - TOP LAYER      |
| B/BOT   | - BOTTOM LAYER   |
| SW      | - SHORT WAY      |
| LW      | - LONG WAY       |
| DWLS    | - DOWELS         |
| D/V     | - DOWEL/VERTICAL |
| V/VERT  | - VERTICAL       |
| H/HORIZ | - HORIZONTAL     |
| ES      | - EACH SIDE      |
| EE      | - EACH END       |
| EF      | - EACH FACE      |
| COR.    | - CORNER         |
| T.O.S   | - TOP OF SLAB    |
| T.O.FTG | - TOP OF FOOTING |
| TRANS.  | - TRANSVERSE     |
| CONT.   | - CONTINUOUS     |
| ADD'L   | - ADDITIONAL     |
| EL      | - ELEVATION      |
| TYP     | - TYPICAL        |

| MINIMUM CONCRETE COVER DETAILS |               |                 |                |
|--------------------------------|---------------|-----------------|----------------|
| SI NO :                        | CONC. ELEMENT | DESCRIPTION     | COVER (INCHES) |
| 1                              | FOR FOOTING   | AT TOP          | 2"             |
|                                |               | AT SIDES        | 3"             |
|                                |               | AT BOTTOM       | 3"             |
| 2                              | FOR PIER      | AT TOP & BOTTOM | 2"             |
|                                |               | AT SIDES        | 2"             |
| 3                              | FOR SOG       | AT SIDES        | 1 1/2" @ TOP   |

**SPECIAL NOTES :**  
1. TILT HOOK TO ACCOMODATE THE COVER, IF NEEDED  
2. BARS TO BE PLACED AT EQUAL SPACING U.O.N.  
3. CUT TO FIT AT SITE AS REQUIRED

| SHOP DRAWING INDEX                                   |         |
|------------------------------------------------------|---------|
| DESCRIPTION                                          | DWG.NO: |
| 1.) LAYOUT OF FOUNDATION REINFORCEMENTS DETAILS      | R001    |
| 2.) LAYOUT OF FOUNDATION WALL REINFORCEMENTS DETAILS | R002    |
| 3.) LAYOUT OF SLAB ON GRADE REINFORCEMENTS DETAILS   | R003    |