

A/E PLEASE VERIFY LAP FOLLOWED

| @MAT SLAB<br><b>LAP SCHEDULE</b><br>4000 PSI (CLASS-B) CASE - 1<br>Per ACI :318 (12.2.2) |         |        | @COLUMN & WALL DOWEL<br><b>LAP SCHEDULE</b><br>Per ACI :318 (12.2.2) |                 |
|--|---------|--------|--|-----------------|
| BAR#   | LENGTHS |        | BAR#   | COMPRESSION LAP |
|  | TOP     | OTHERS |  | LENGTHS         |
| #3   | 2'-1"   | 1'-7"  | #3   | 12"             |
| #4   | 2'-9"   | 2'-1"  | #4   | 15"             |
| #5   | 3'-4"   | 2'-7"  | #5   | 19"             |
| #6   | 4'-0"   | 3'-1"  | #6   | 23"             |
| #7   | 5'-10"  | 4'-6"  | #7   | 27"             |
| #8   | 6'-9"   | 5'-2"  | #8   | 30"             |
| #9   | 7'-7"   | 5'-10" | #9   | 34"             |
| #10  | 8'-7"   | 6'-7"  | #10  | 39"             |
| #11  | 9'-5"   | 7'-3"  | #11  | 43"             |

ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

A/E PLEASE VERIFY COVER FOLLOWED

| TYPICAL REINFORCING BAR CLEARANCE TABLE |            |
|---|------------|
| LOCATION                                | MIN. COVER |
| MAT SLAB BOTTOM & SIDE                  | 3" CLR     |
| MAT SLAB TOP                            | 2" CLR     |
| COLUMN TIES                             | 1.5" CLR   |
| WALL                                    | 2" CLR     |

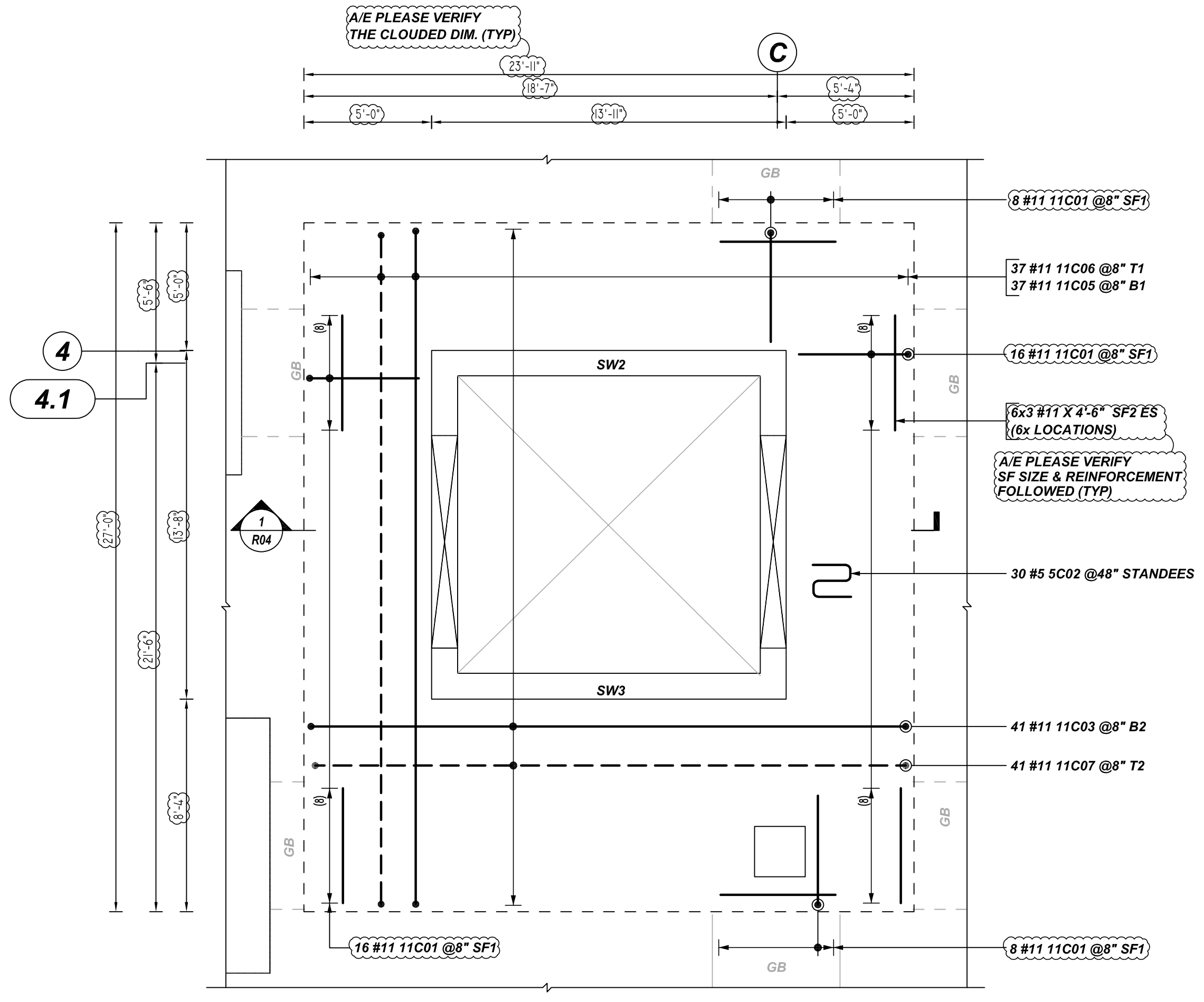
FOR APPROVAL

**MAT SLAB REINFORCEMENT DETAILS**

REF-FO-001.00 (DT.08/22/19)  
SCALE: 1/6" = 1'-0"

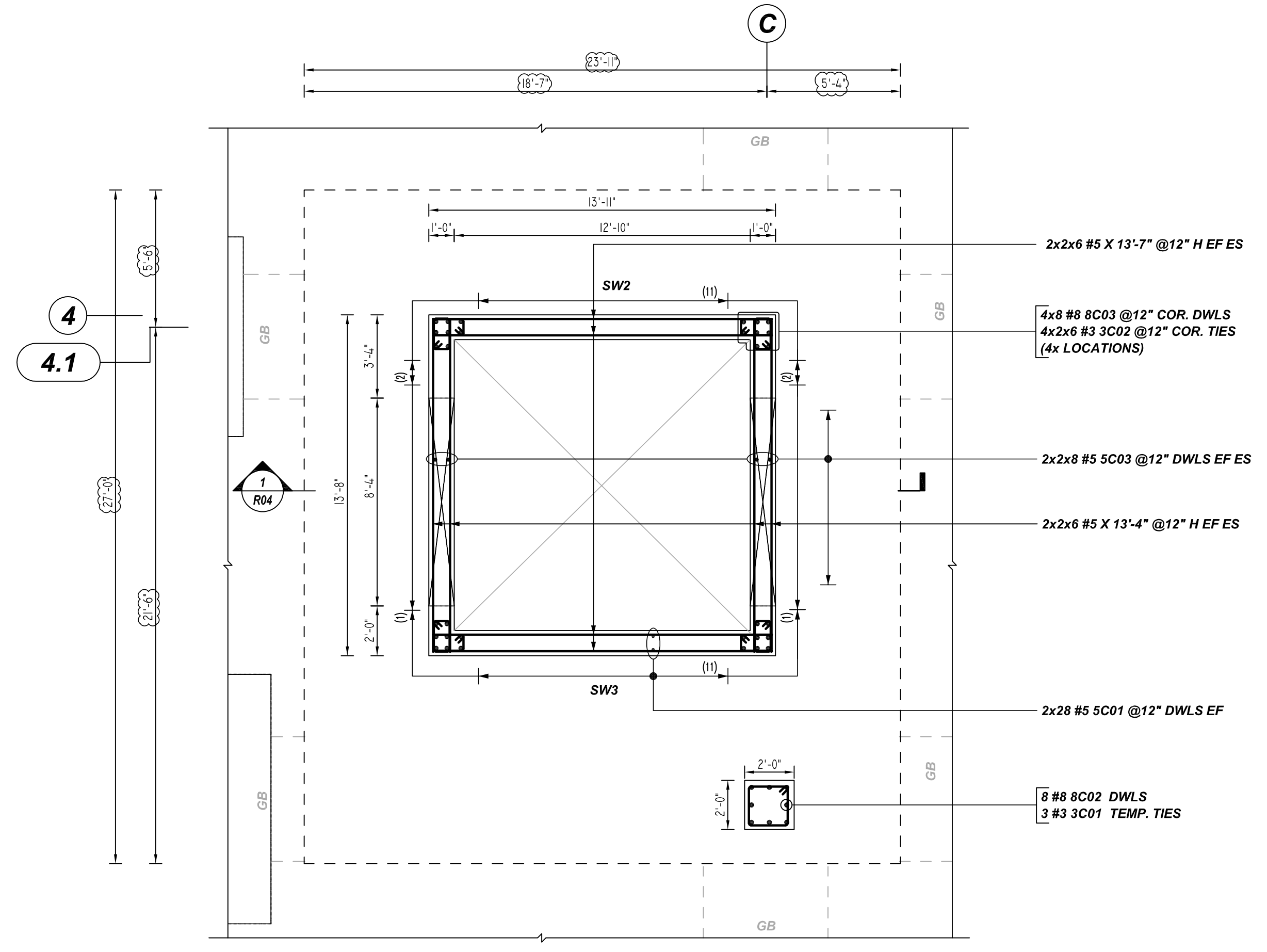


|               |                                |              |            |
|---------------|--------------------------------|--------------|------------|
| GRADE         | A615/60(UNO)                   |              |            |
| PREFIX        | C                              |              |            |
| BAR LIST NOS. |                                |              |            |
| REV           | DESCRIPTION                    | ISSUED DATE  | ISSUED FOR |
| 0             | IFA                            | 09/19/2022   | APPROVAL   |
| STRUCTURE     | MAT SLAB REINFORCEMENT DETAILS |              |            |
| FLOOR         | FOUNDATION/CELLAR LEVEL        |              |            |
| JOB NO        | -                              |              |            |
| CUSTOMER      | FIVE HANDS CONSTRUCTION LLC    |              |            |
| JOB           | 714 39TH STREET                |              |            |
| LOCATION      | BROOKLYN, NY 11232             |              |            |
| DRAWN         | DATE                           | CONTROL CODE | DWG. NO.   |
| MRS           | 09/19/2022                     | -            | R03        |



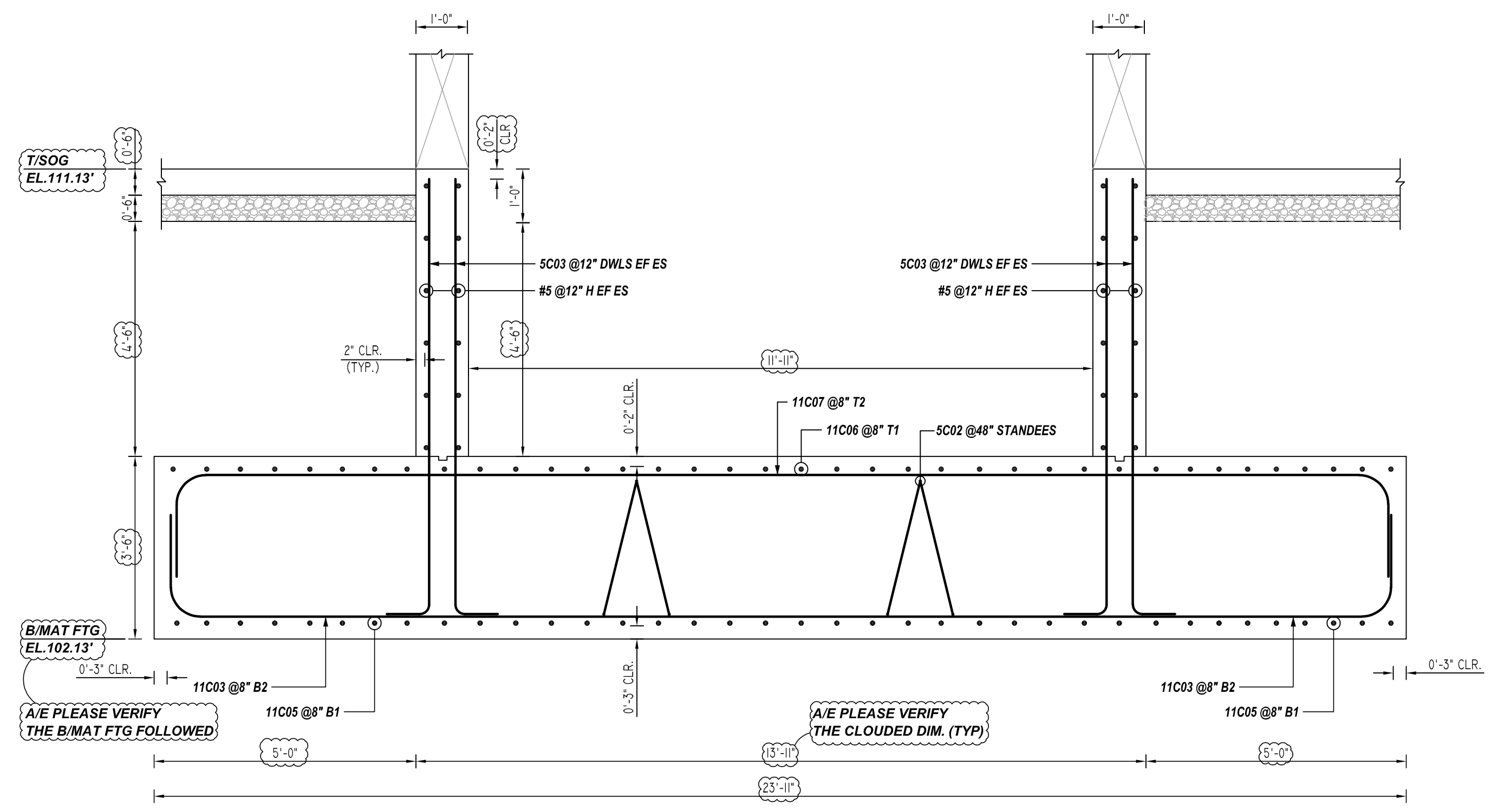
(SHOWING MAT SLAB REINFORCEMENT DETAILS)

**A DETAIL**  
 REF:FO-001.00 (DT.08/22/19)  
 SCALE: 1/4" = 1'-0"



(SHOWING COLUMN & WALL DOWEL REINFORCEMENT DETAILS)

**A DETAIL**  
 REF:FO-001.00 (DT.08/22/19)  
 SCALE: 1/4" = 1'-0"



**1 SECTION**  
 R04 REF:5FO-101.00 (DT.08/22/19)  
 SCALE: 1/2" = 1'-0"

TYPICAL REINFORCING BAR CLEARANCE TABLE

| LOCATION               | MIN. COVER |
|------------------------|------------|
| MAT SLAB BOTTOM & SIDE | 3" CLR     |
| MAT SLAB TOP           | 2" CLR     |
| COLUMN TIES            | 1.5" CLR   |
| WALL                   | 2" CLR     |

FOR APPROVAL

A/E PLEASE VERIFY  
 LAP FOLLOWED

@MAT SLAB  
**LAP SCHEDULE**  
 4000 PSI (CLASS-B) CASE - 1  
 Per ACI :318 (12.2.2)

| BAR# | LENGTHS |        |
|------|---------|--------|
|      | TOP     | OTHERS |
| #3   | 2'-1"   | 1'-7"  |
| #4   | 2'-9"   | 2'-1"  |
| #5   | 3'-4"   | 2'-7"  |
| #6   | 4'-0"   | 3'-1"  |
| #7   | 5'-10"  | 4'-6"  |
| #8   | 6'-9"   | 5'-2"  |
| #9   | 7'-7"   | 5'-10" |
| #10  | 8'-7"   | 6'-7"  |
| #11  | 9'-5"   | 7'-3"  |

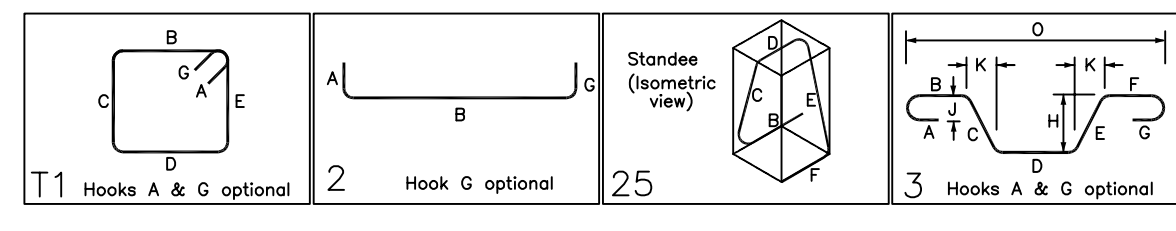
ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

@COLUMN & WALL DOWEL  
**LAP SCHEDULE**  
 Per ACI :318 (12.2.2)

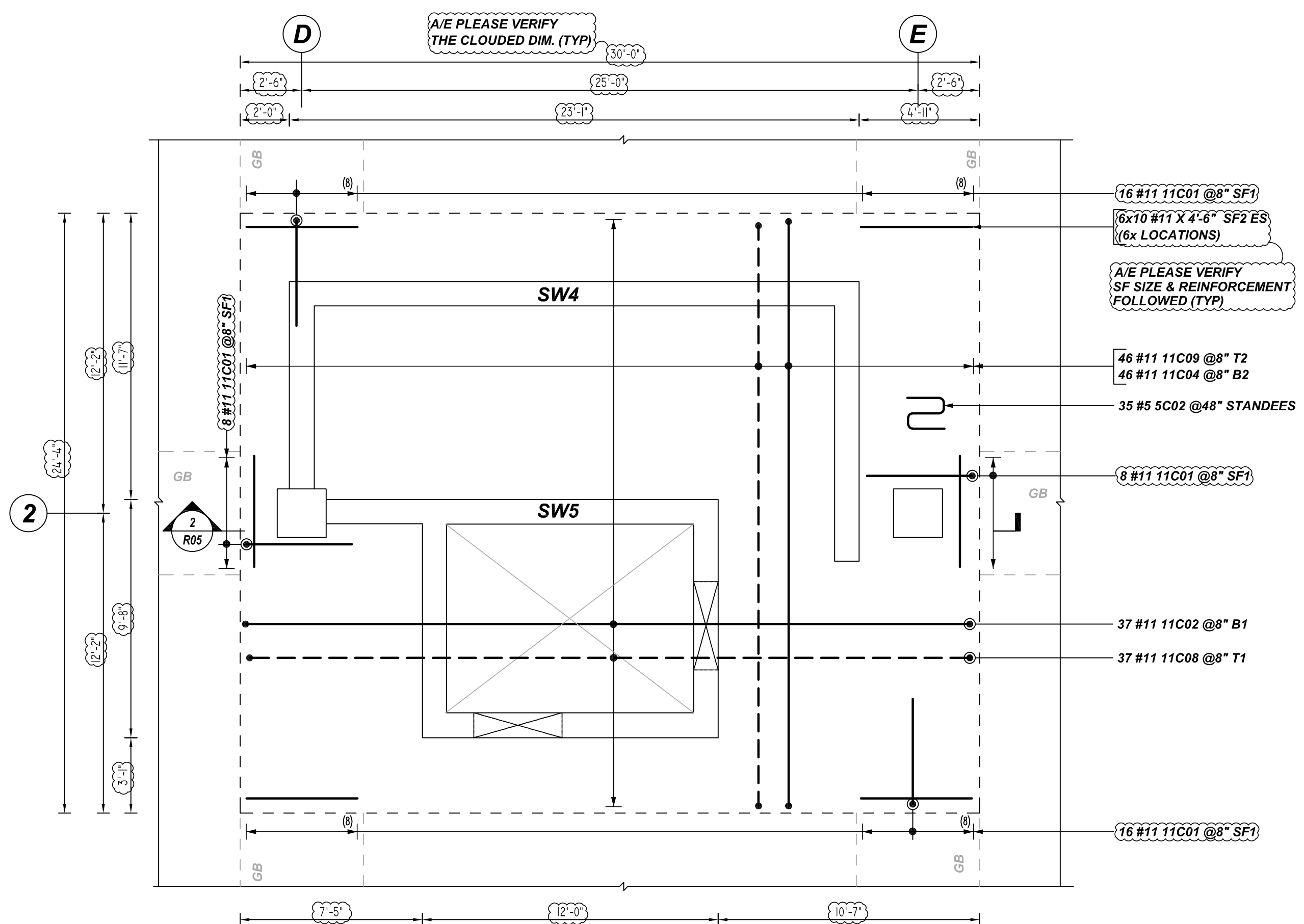
| BAR# | LENGTHS     |     |
|------|-------------|-----|
|      | COMPRESSION | LAP |
| #3   | 12"         |     |
| #4   | 15"         |     |
| #5   | 19"         |     |
| #6   | 23"         |     |
| #7   | 27"         |     |
| #8   | 30"         |     |
| #9   | 34"         |     |
| #10  | 39"         |     |
| #11  | 43"         |     |

Release Number: R04

| Bar Mark | Qty | Size | Total Length | Type | X      | Y      | Z     | BAR LIST | U     | V | W     | X     | Y     | Z |
|----------|-----|------|--------------|------|--------|--------|-------|----------|-------|---|-------|-------|-------|---|
| 3001     | 3   | #3   | 7'-0"        | #11  | 0'-4"  | 1'-7"  | 1'-7" | 1'-7"    | 1'-7" |   |       |       |       |   |
| 3002     | 48  | #3   | 4'-6"        | #11  | 0'-4"  | 1'-3"  | 0'-8" | 1'-3"    | 0'-8" |   |       |       |       |   |
| 5001     | 56  | #5   | 10'-11"      | 2    | 0'-10" | 10'-1" |       |          |       |   |       |       |       |   |
| 5002     | 30  | #5   | 9'-9"        | 25   | 1'-6"  | 2'-7"  | 1'-6" | 2'-7"    | 1'-6" |   |       | 2'-7" | 1'-3" |   |
| 5003     | 32  | #5   | 9'-2"        | 2    | 0'-10" | 8'-4"  |       |          |       |   |       |       |       |   |
| 8002     | 6   | #6   | 11'-10"      | 2    | 1'-4"  | 10'-6" |       |          |       |   |       |       |       |   |
| 8003     | 32  | #6   | 12'-4"       | 2    | 1'-4"  | 11'-0" |       |          |       |   |       |       |       |   |
| 11001    | 48  | #11  | 9'-0"        | 3    | 3'-0"  | 6'-0"  |       |          |       |   | 4'-4" | 4'-3" | 7'-3" |   |
| 11003    | 41  | #11  | 27'-5"       | 2    | 2'-0"  | 23'-5" |       |          |       |   |       | 2'-0" |       |   |
| 11005    | 37  | #11  | 30'-6"       | 2    | 2'-0"  | 26'-6" |       |          |       |   |       | 2'-0" |       |   |
| 11006    | 37  | #11  | 30'-4"       | 2    | 2'-0"  | 26'-4" |       |          |       |   |       | 2'-0" |       |   |
| 11007    | 41  | #11  | 27'-3"       | 2    | 2'-0"  | 23'-3" |       |          |       |   |       | 2'-0" |       |   |

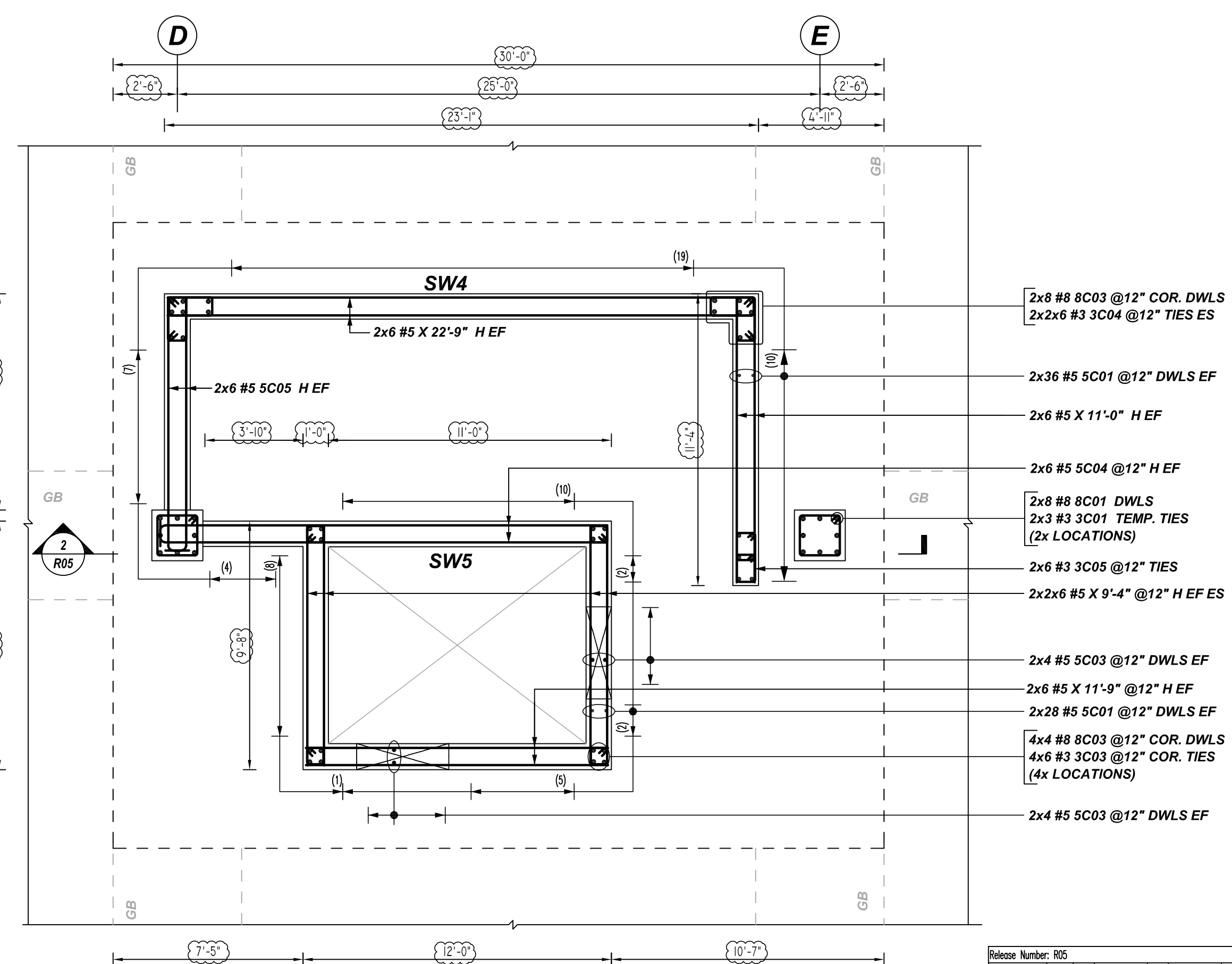


|               |                                |              |            |
|---------------|--------------------------------|--------------|------------|
| GRADE         | A615/60(UNO)                   |              |            |
| PREFIX        | C                              |              |            |
| BAR LIST NOS. |                                |              |            |
| REV           | DESCRIPTION                    | ISSUED DATE  | ISSUED FOR |
| 0             | IFA                            | 09/19/2022   | APPROVAL   |
| STRUCTURE     | MAT SLAB REINFORCEMENT DETAILS |              |            |
| FLOOR         | FOUNDATION/CELLAR LEVEL        |              |            |
| JOB NO        | -                              |              |            |
| CUSTOMER      | FIVE HANDS CONSTRUCTION LLC    |              |            |
| JOB           | 714 39TH STREET                |              |            |
| LOCATION      | BROOKLYN, NY 11232             |              |            |
| DRAWN         | DATE                           | CONTROL CODE | DWG. NO.   |
| MRS           | 09/19/2022                     | -            | R04        |



(SHOWING MAT SLAB REINFORCEMENT DETAILS)

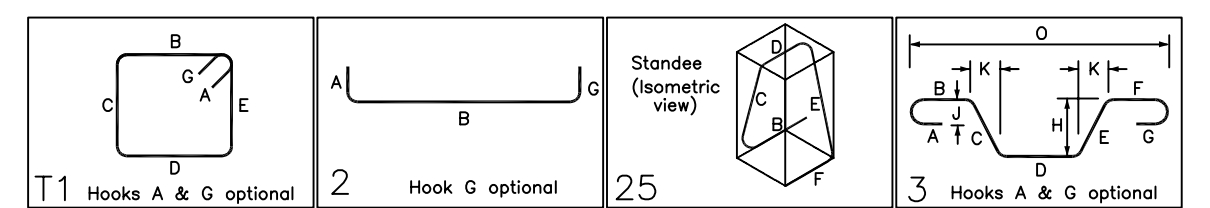
**B DETAIL**  
 REF:FO-001.00 (DT.08/22/19)  
 SCALE: 1/4" = 1'-0"



(SHOWING COLUMN & WALL DOWEL REINFORCEMENT DETAILS)

**B DETAIL**  
 REF:FO-001.00 (DT.08/22/19)  
 SCALE: 1/4" = 1'-0"

| Bar Mark | Qty | Size | Total Length | Type | X      | Y       | Z     | BAR LIST |
|----------|-----|------|--------------|------|--------|---------|-------|----------|
| 3001     | 6   | #5   | 7'-0"        | 11   | 0'-4"  | 1'-7"   | 1'-7" | 0'-4"    |
| 3003     | 24  | #5   | 3'-4"        | 11   | 0'-4"  | 0'-8"   | 0'-8" | 0'-4"    |
| 3004     | 24  | #5   | 3'-4"        | 11   | 0'-5"  | 0'-8"   | 0'-8" | 0'-5"    |
| 3005     | 12  | #5   | 4'-3"        | 11   | 0'-4"  | 0'-8"   | 1'-8" | 0'-5"    |
| 5001     | 128 | #5   | 10'-11"      | 2    | 0'-10" | 10'-1"  |       | 0'-4"    |
| 5002     | 35  | #5   | 9'-8"        | 25   | 1'-6"  | 2'-7"   | 1'-6" | 2'-7"    |
| 5003     | 16  | #5   | 9'-2"        | 2    | 0'-10" |         |       | 8'-4"    |
| 5004     | 12  | #5   | 18'-3"       | 2    | 0'-10" | 17'-5"  |       |          |
| 5005     | 12  | #5   | 10'-8"       | 2    | 0'-10" | 9'-10"  |       |          |
| 8001     | 16  | #6   | 14'-4"       | 2    | 1'-4"  | 13'-0"  |       |          |
| 8003     | 32  | #6   | 12'-4"       | 2    | 1'-4"  | 11'-0"  |       |          |
| 11001    | 48  | #11  | 9'-8"        | 3    | 3'-0"  | 6'-0"   |       | 4'-4"    |
| 11002    | 37  | #11  | 33'-6"       | 2    | 2'-0"  | 29'-6"  |       | 2'-0"    |
| 11004    | 46  | #11  | 27'-10"      | 2    | 2'-0"  | 23'-10" |       | 2'-0"    |
| 11008    | 37  | #11  | 33'-4"       | 2    | 2'-0"  | 29'-4"  |       | 2'-0"    |
| 11009    | 46  | #11  | 27'-8"       | 2    | 2'-0"  | 23'-8"  |       | 2'-0"    |



A/E PLEASE VERIFY COVER FOLLOWED

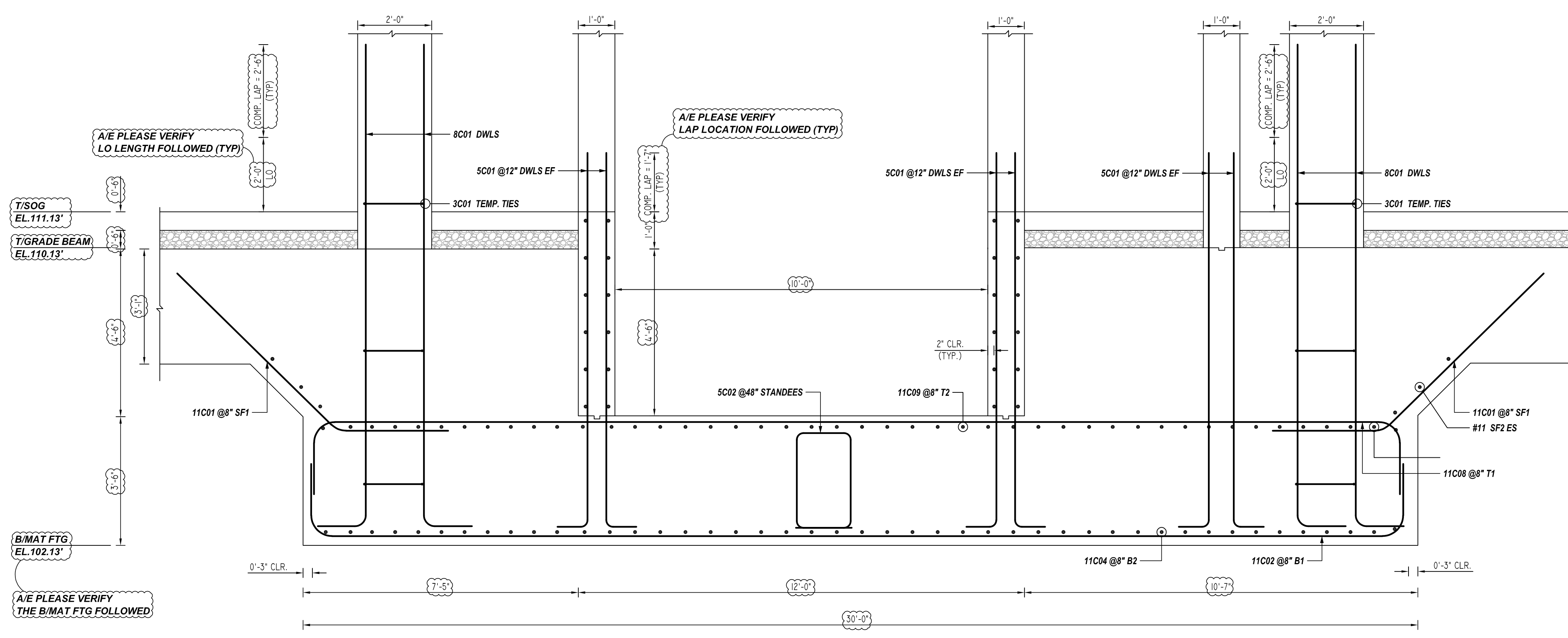
| LOCATION               | MIN. COVER |
|------------------------|------------|
| MAT SLAB BOTTOM & SIDE | 3" CLR     |
| MAT SLAB TOP           | 2" CLR     |
| COLUMN TIES            | 1.5" CLR   |
| WALL                   | 2" CLR     |

FOR APPROVAL

A/E PLEASE VERIFY LAP FOLLOWED

| @MAT SLAB LAP SCHEDULE      |         |        | @COLUMN & WALL DOWEL LAP SCHEDULE |                 |  |
|-----------------------------|---------|--------|-----------------------------------|-----------------|--|
| 4000 PSI (CLASS-B) CASE - 1 |         |        | Per ACI:318 (12.2.2)              |                 |  |
| BAR#                        | LENGTHS |        | BAR#                              | LENGTHS         |  |
|                             | TOP     | OTHERS |                                   | COMPRESSION LAP |  |
| #3                          | 2'-1"   | 1'-7"  | #3                                | 12"             |  |
| #4                          | 2'-9"   | 2'-1"  | #4                                | 15"             |  |
| #5                          | 3'-4"   | 2'-7"  | #5                                | 19"             |  |
| #6                          | 4'-0"   | 3'-1"  | #6                                | 23"             |  |
| #7                          | 5'-10"  | 4'-6"  | #7                                | 27"             |  |
| #8                          | 6'-9"   | 5'-2"  | #8                                | 30"             |  |
| #9                          | 7'-7"   | 5'-10" | #9                                | 34"             |  |
| #10                         | 8'-7"   | 6'-7"  | #10                               | 39"             |  |
| #11                         | 9'-5"   | 7'-3"  | #11                               | 43"             |  |

ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.



**2 SECTION**  
 R05 REF:7/FO-102.00 (DT.08/22/19)  
 SCALE: 1/2" = 1'-0"

|               |                                |              |            |
|---------------|--------------------------------|--------------|------------|
| GRADE         | A615/60(UNO)                   |              |            |
| PREFIX        | C                              |              |            |
| BAR LIST NOS. |                                |              |            |
| REV           | DESCRIPTION                    | ISSUED DATE  | ISSUED FOR |
| 0             | IFA                            | 09/19/2022   | APPROVAL   |
| STRUCTURE     | MAT SLAB REINFORCEMENT DETAILS |              |            |
| FLOOR         | FOUNDATION/CELLAR LEVEL        |              |            |
| JOB NO        | -                              |              |            |
| CUSTOMER      | FIVE HANDS CONSTRUCTION LLC    |              |            |
| JOB           | 714 39TH STREET                |              |            |
| LOCATION      | BROOKLYN, NY 11232             |              |            |
| DRAWN         | DATE                           | CONTROL CODE | DWG. NO.   |
| MRS           | 09/19/2022                     | -            | R05        |