

Release Code: RO1

| Bar Mark | Qty | Size | Total length | Type | A' | B'       | C'  | D'  | E' | F' | G' | H' | I' | J' | K'       | L'      |
|----------|-----|------|--------------|------|----|----------|-----|-----|----|----|----|----|----|----|----------|---------|
| 4A16     | 32  | #4   | 327'         | T    |    | 11"      | 21" |     |    |    |    |    |    |    |          |         |
| 4A17     | 53  | #4   | 5'10 1/2"    | T    | 6' | 5'4 1/2" |     |     |    |    |    |    |    |    |          | 4"      |
| 4A18     | 298 | #4   | 36'          | T    | 6' | 30"      |     |     |    |    |    |    |    |    |          | 4"      |
| 5A11     | 53  | #5   | 54'          | T    |    | 28"      | 28" |     |    |    |    |    |    |    |          |         |
| 5A12     | 2   | #5   | 46"          | T    |    | 110"     | 28" |     |    |    |    |    |    |    |          |         |
| 5A13     | 4   | #5   | 72"          | T    |    | 28"      | 46" |     |    |    |    |    |    |    |          |         |
| 5A14     | 2   | #5   | 58"          | T    |    | 210"     | 28" |     |    |    |    |    |    |    |          |         |
| 5A15     | 4   | #5   | 54'          | T    |    | 28"      | 28" |     |    |    |    |    |    |    | 110 1/2" | 46 1/2" |
| 5A33     | 2   | #5   | 710"         | T    |    | 28"      | 26" | 28" |    |    |    |    |    |    |          |         |

### POOL DECK AND THICKENED SLAB REINFORCEMENT DETAILS

SCALE - 1/8"=1'-0"  
REF: S101, S301 & S302

**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

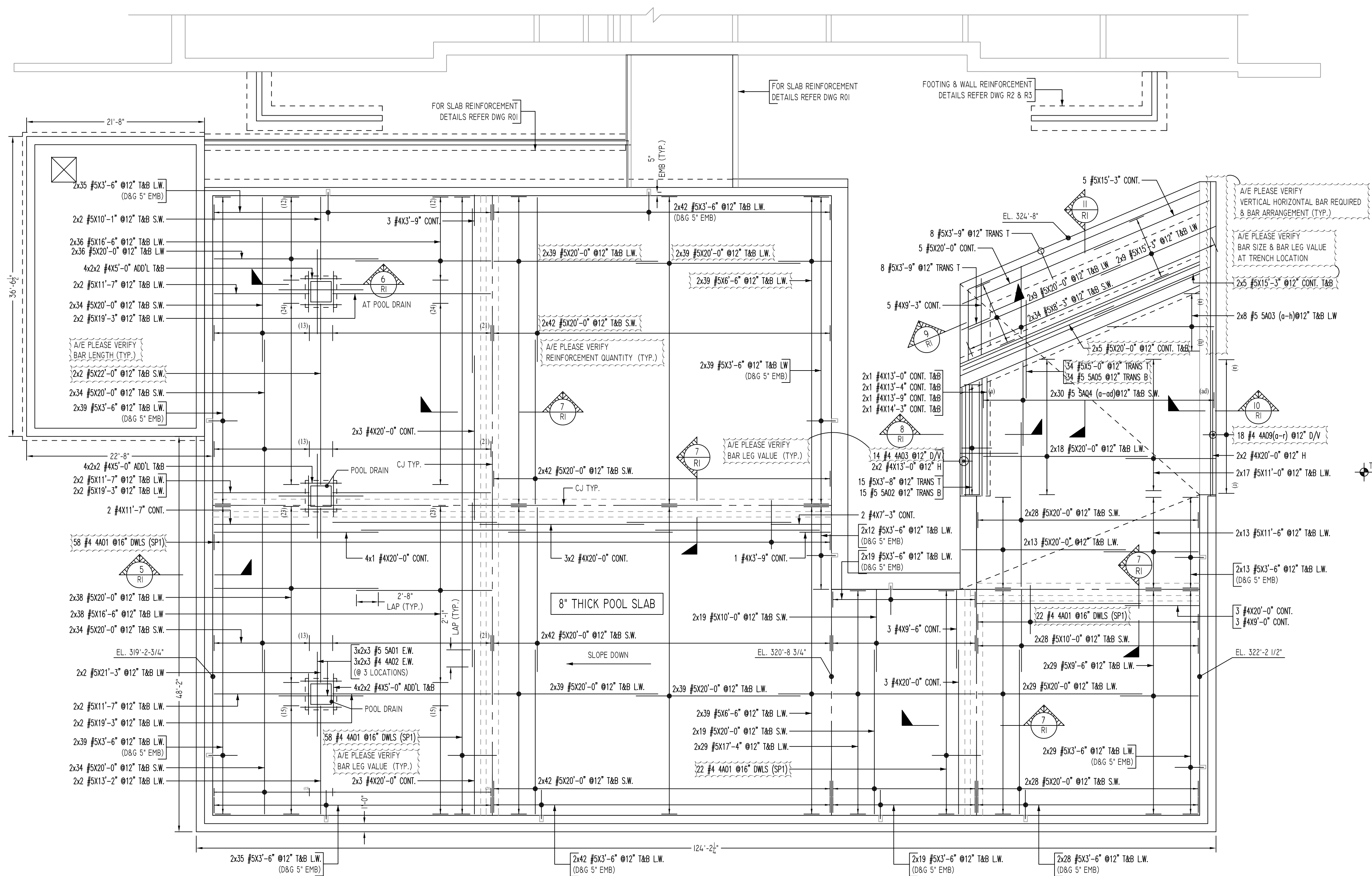
| SIZE | SLAB / MAT   |                 |        | SIZE | WALLS      |             |
|------|--------------|-----------------|--------|------|------------|-------------|
|      | 12" TH. LESS | 12" TH. GREATER | OTHERS |      | VERT. BARS | HORIZ. BARS |
| #3   | 20"          | 20"             | 25"    | #3   | 20"        | 25"         |
| #4   | 25"          | 25"             | 33"    | #4   | 25"        | 33"         |
| #5   | 32"          | 32"             | 41"    | #5   | 32"        | 41"         |
| #6   | 38"          | 38"             | 49"    | #6   | 38"        | 49"         |
| #7   | 82"          | 82"             | 106"   | #7   | 55"        | 71"         |
| #8   | 94"          | 94"             | 121"   | #8   | 65"        | 81"         |
| #9   | 109"         | 109"            | 157"   | #9   | 71"        | 91"         |
| #10  | 119"         | 119"            | 154"   | #10  | 80"        | 103"        |
| #11  | 132"         | 132"            | 171"   | #11  | 88"        | 114"        |

| ELEMENT          | MESH SIZE           | SHEETS | AREA       | REMARK                                   |
|------------------|---------------------|--------|------------|--|
| 5" THK POOL DECK | 6x6 - W2.9XW2.9 WWF | 80     | 7450 SQ.FT | 8'-0" X 15'-0" SHEET SIZE (5% LAP ADDED) |

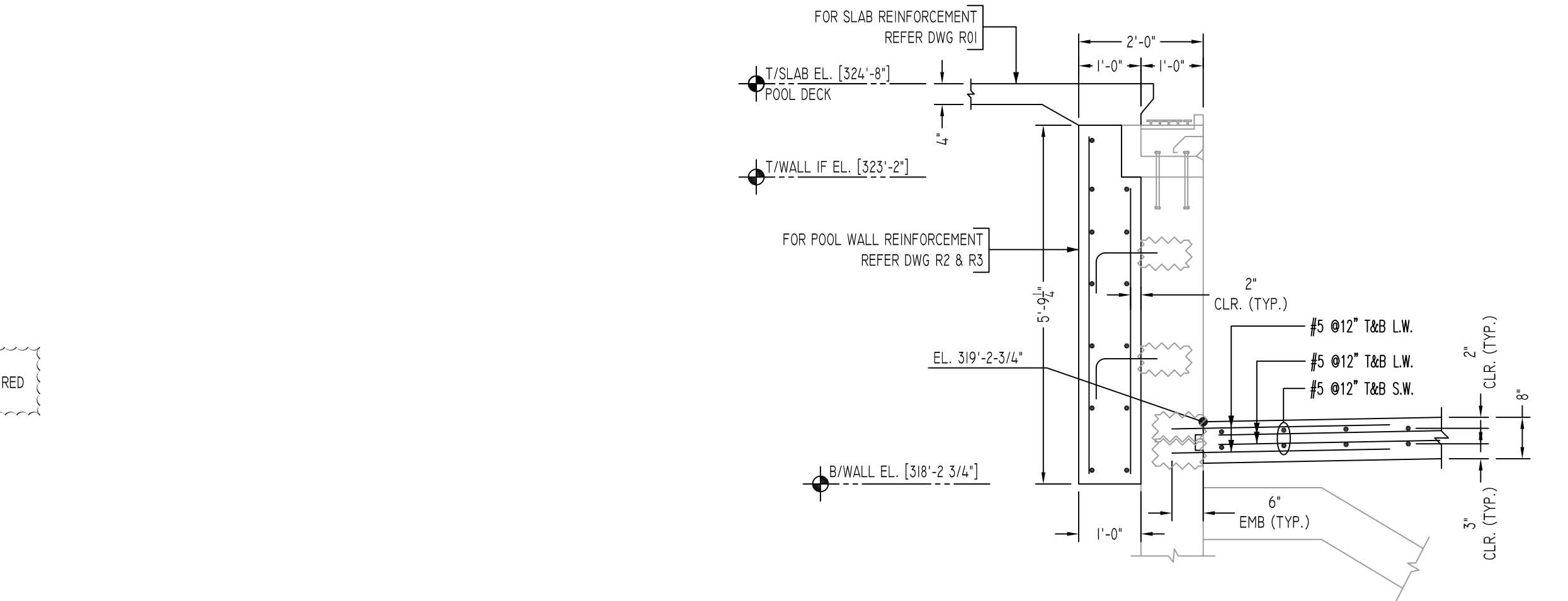
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| REVISION MARK | REVISION DETAILS | DATE       |
|---------------|------------------|------------|
| 0             | FOR APPROVAL     | 10/14/2019 |

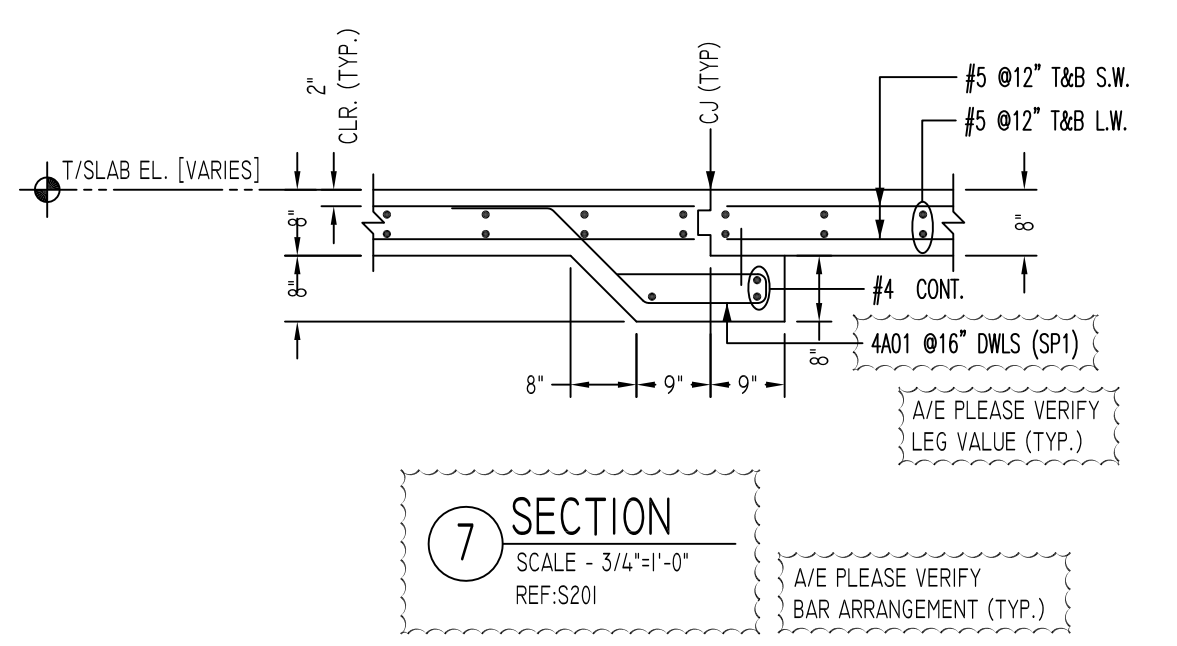
|                |  |       |                  |
|----------------|--|-------|------------------|
| PROJECT        | PAGE PARK POOL RENOVATION                          |       |                  |
| LOCATION       | BRISTOL, CT 06010                                  |       |                  |
| ARCHITECT      | TLB ARCHITECTURE, LLC.                             |       |                  |
| ENGINEER       | GNCC CONSULTING ENGINEERING, P.C.                  |       |                  |
| CUSTOMER       | SAN MAT CONSTRUCTION                               |       |                  |
| DRAWN BY:      | MRS  | DATE: | 10/14/19         |
| REVIEWED BY:   | T/L  | DATE: | 10/14/19         |
| DRAWING TITLE: | POOL DECK AND THICKENED SLAB REINFORCEMENT DETAILS |       | DRAWING NO.: RO1 |



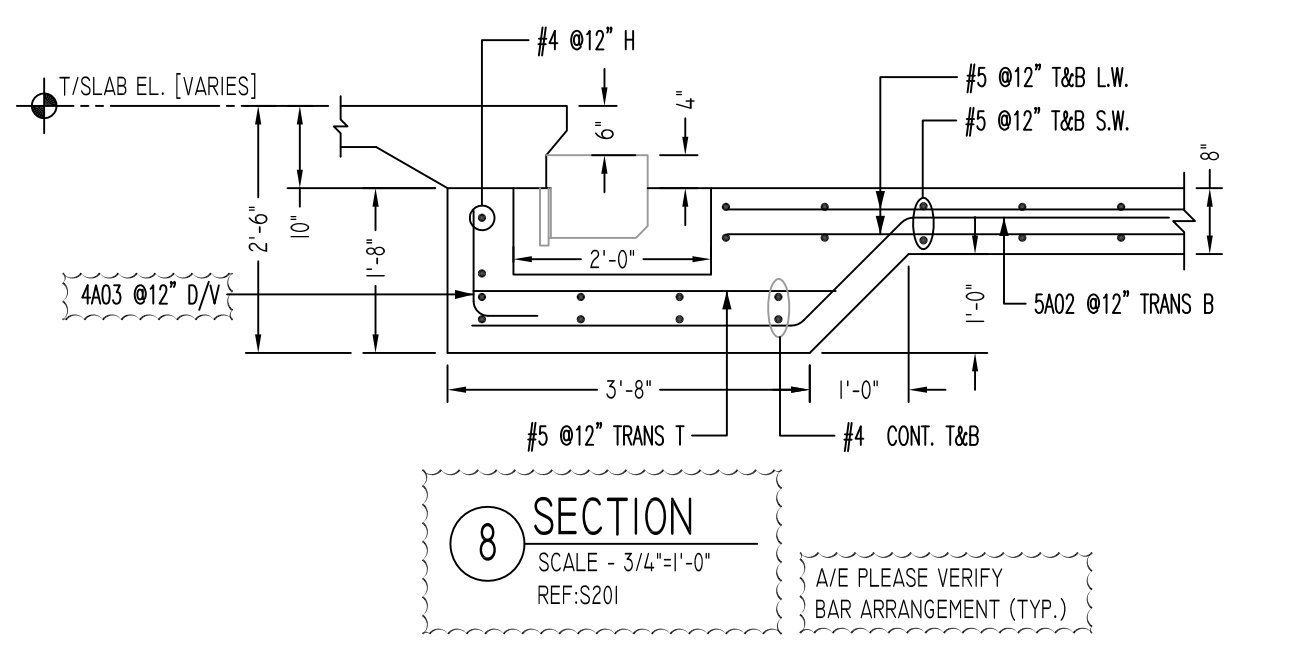
**POOL BOTTOM MAT REINFORCEMENT DETAILS**  
 SCALE - 1/8"=1'-0"  
 REF: S101, S301 & S302



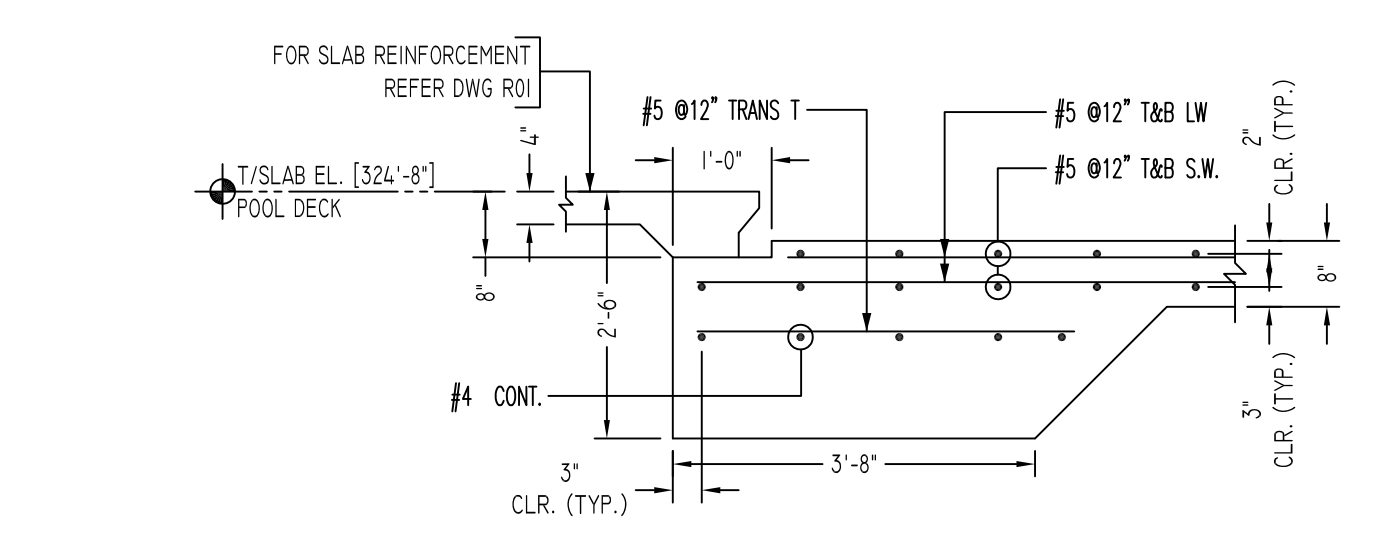
**SECTION 5**  
 SCALE - 3/4"=1'-0"  
 REF: S3/S301



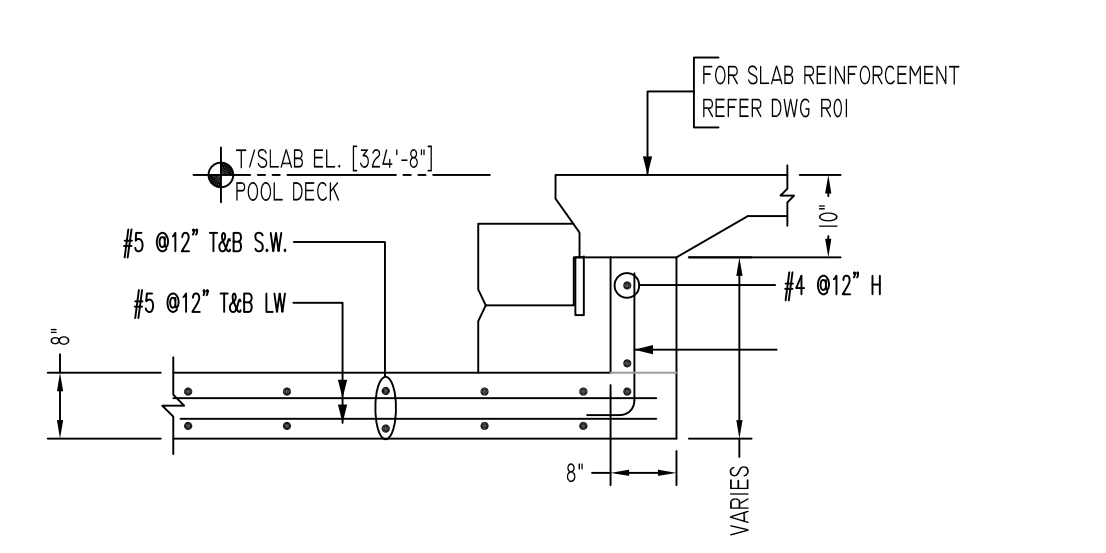
**SECTION 7**  
 SCALE - 3/4"=1'-0"  
 REF: S201



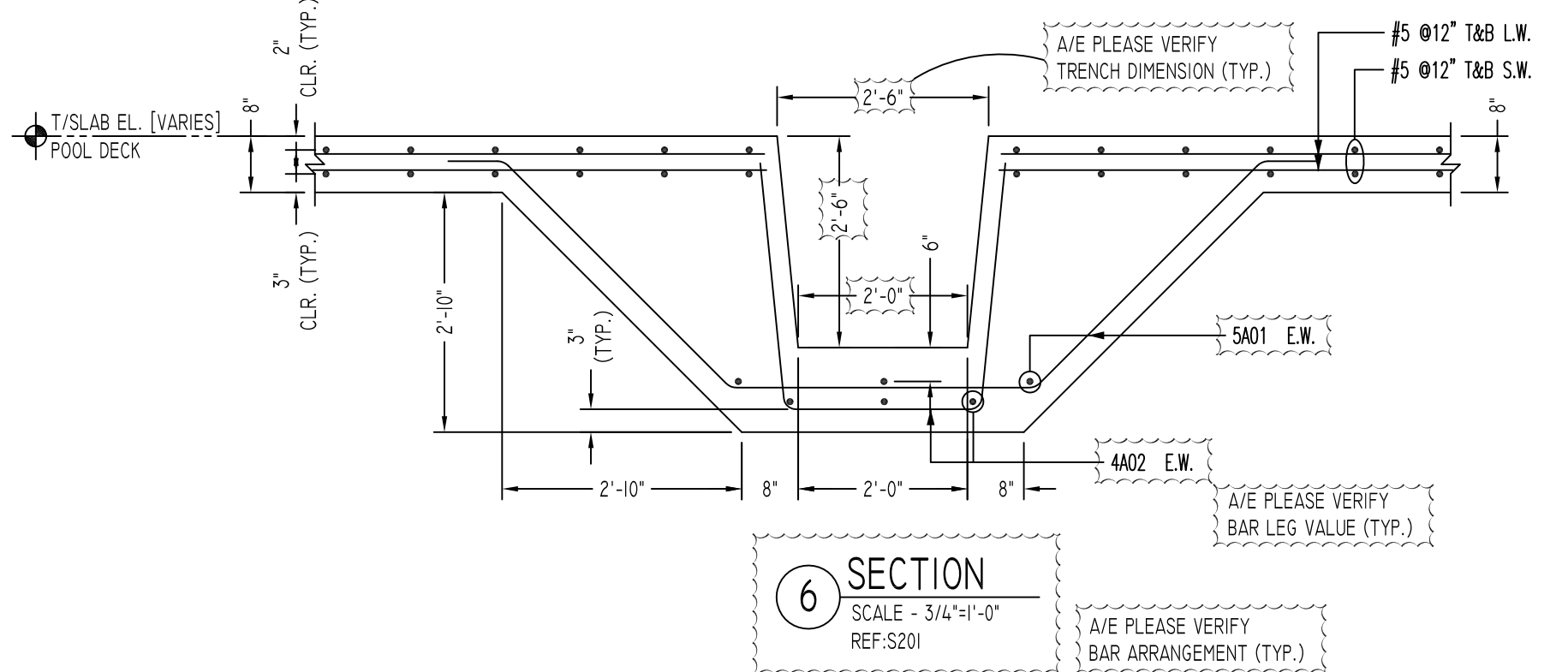
**SECTION 8**  
 SCALE - 3/4"=1'-0"  
 REF: S201



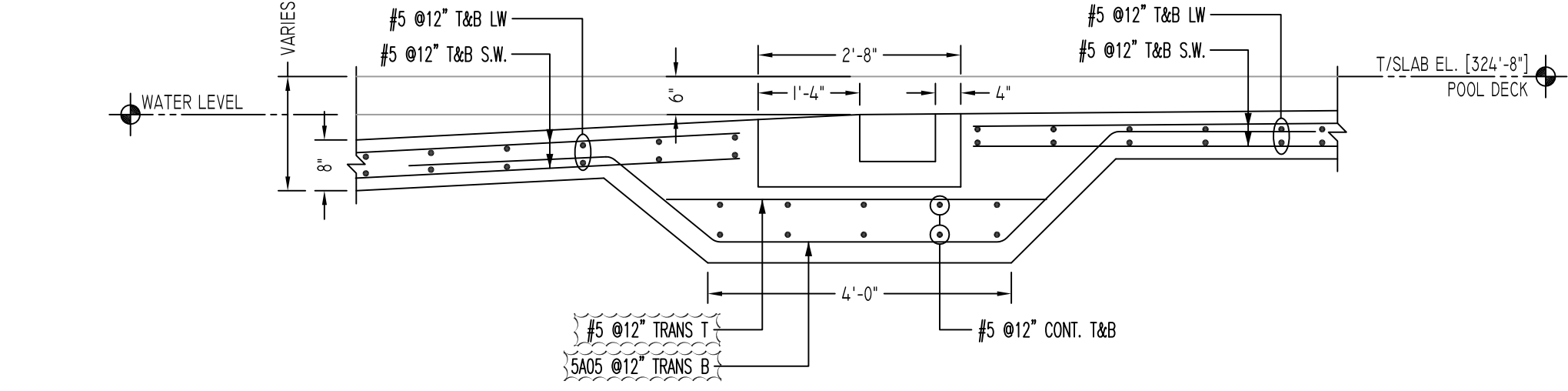
**SECTION 9**  
 SCALE - 3/4"=1'-0"  
 REF: S201



**SECTION 10**  
 SCALE - 3/4"=1'-0"  
 REF: S201



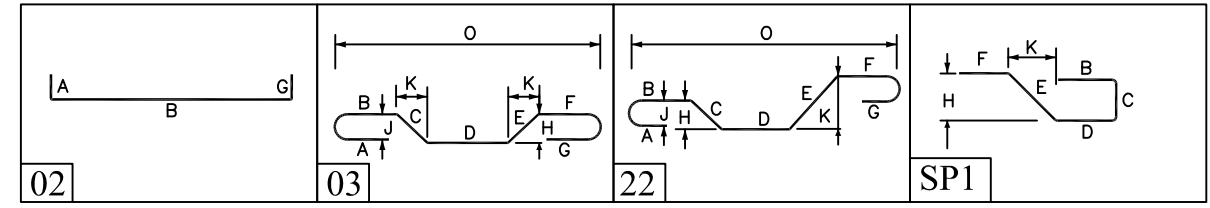
**SECTION 6**  
 SCALE - 3/4"=1'-0"  
 REF: S201



**SECTION 11**  
 SCALE - 3/4"=1'-0"  
 REF: S201

Release Code: R1

| BENDING DETAILS. |     |      |              |      |     |         |          |         |          |    |    |         |         |          |
|------------------|-----|------|--------------|------|-----|---------|----------|---------|----------|----|----|---------|---------|----------|
| Bar Mark         | Qty | Size | total length | type | A'  | B'      | C'       | D'      | E'       | F' | G' | H'      | J'      | K'       |
| LA01             | 16  | #4   | 55'          | SP1  | 16" | 4"      | 13"      | 14"     | 10"      |    |    | 11 1/2" | 11 1/2" | 211 1/2" |
| LA02             | 18  | #4   | 83'          | 3    |     |         | 211 1/2" | 24"     | 211 1/2" |    |    | 211"    | 3 1/2"  | 211 1/2" |
| LA03             | 14  | #4   | 15'          | 2    | 8"  | 11"     |          |         |          |    |    |         |         |          |
| LA09a            | 1   | #4   | 12'          | 2    | 8"  | 6"      |          |         |          |    |    |         |         |          |
| VARIES TO        |     |      |              |      |     |         |          |         |          |    |    |         |         |          |
| LA09c            | 1   | #4   | 24 1/2'      | 2    | 8"  | 18 1/2" |          |         |          |    |    |         |         |          |
| SA01             | 18  | #5   | 126 1/2'     | 3    | 8"  | 39 1/2" | 37 1/2"  | 39 1/2" | 8"       |    |    | 28 1/2" | 28"     | 10'3"    |
| SA02             | 15  | #5   | 77'          | 3    | 28" | 17"     | 34"      |         |          |    |    | 11 1/2" | 11"     | 70 1/2"  |
| SA03a            | 2   | #5   | 38"          |      | 38" |         |          |         |          |    |    |         |         |          |
| VARIES TO        |     |      |              |      |     |         |          |         |          |    |    |         |         |          |
| SA03b            | 2   | #5   | 20'          |      | 20' |         |          |         |          |    |    |         |         |          |
| SA04a            | 2   | #5   | 8'           |      | 8'  |         |          |         |          |    |    |         |         |          |
| VARIES TO        |     |      |              |      |     |         |          |         |          |    |    |         |         |          |
| SA04b            | 2   | #5   | 20'          |      | 20' |         |          |         |          |    |    |         |         |          |
| SA05             | 34  | #5   | 130'         | 22   | 28" | 19 1/2" | 39 1/2"  | 21"     | 28"      |    |    | 12"     | 16"     | 111"     |



| SIZE | LAP SCHEDULE  |                  |        |
|------|---------------|------------------|--------|
|      | 12" THK. LESS | 12" THK. GREATER | OTHERS |
| #3   | 20"           | 20"              | 25"    |
| #4   | 25"           | 25"              | 33"    |
| #5   | 32"           | 32"              | 41"    |
| #6   | 38"           | 38"              | 49"    |
| #7   | 45"           | 45"              | 57"    |
| #8   | 52"           | 52"              | 65"    |
| #9   | 60"           | 60"              | 73"    |
| #10  | 68"           | 68"              | 81"    |
| #11  | 76"           | 76"              | 89"    |

| SIZE | LAP SCHEDULE |             |
|------|--------------|-------------|
|      | VERT. BARS   | HORIZ. BARS |
| #3   | 20"          | 25"         |
| #4   | 25"          | 33"         |
| #5   | 32"          | 41"         |
| #6   | 38"          | 49"         |
| #7   | 45"          | 57"         |
| #8   | 52"          | 65"         |
| #9   | 60"          | 73"         |
| #10  | 68"          | 81"         |
| #11  | 76"          | 89"         |

**ALL BARS IN THIS DRAWING  
 ASTM A615 GRADE 60  
 BLACK UNCOATED**

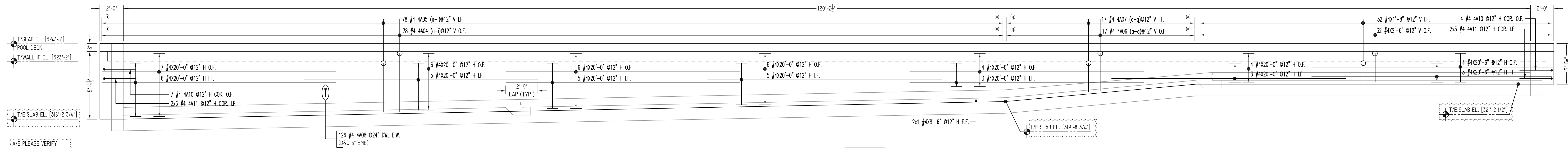
- Abbreviations:**  
 I.F.=Inside Face  
 O.F.=Outside Face  
 E.F.=Each Face  
 DWL=Dowel  
 V=Vertical  
 H=Horizontal  
 C.B.=Corner Bar  
 S.DWL.=Slab Dowel  
 E.W.=Each Way  
 B/BOT.=Bottom  
 T=Top  
 MDWL.=Masonry Dowel  
 B.B.=Road Beam  
 ALT.=Alternate  
 Approx. Approximate
- OPNG=Opening  
 BAL.=Balance  
 BTW.=Between  
 C.J.=Construction Joint  
 CLR.=CLEARANCE  
 CMU.=Concrete Masonry Unit  
 CONT.=Continuous  
 EA.=Each  
 Elev.=Elevation  
 EMB.=Embedment  
 SW.=Short Way  
 LW.=Long Way  
 (BL)=Black Bar  
 (EP)=Epoxy Bar  
 (GA)=Galvanized

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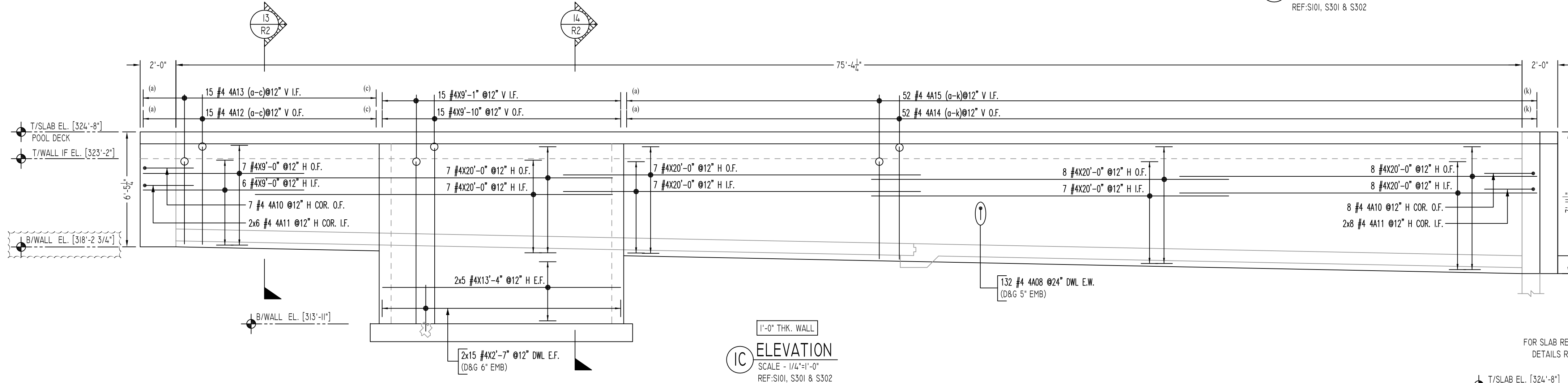
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| REVISION MARK | REVISION DETAILS | DATE       |
|---------------|------------------|------------|
| 0             | FOR APPROVAL     | 10/14/2019 |

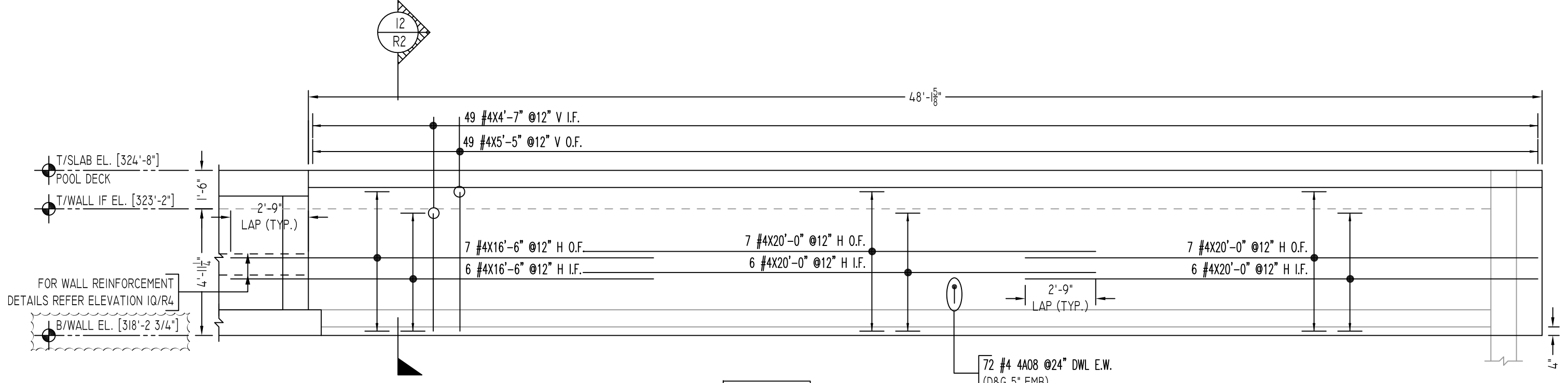
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|----------------|-----------------------------------|-------|----------|--------------|-----|----------|-------|
| PROJECT        | PAGE PARK POOL RENOVATION         |       |          |              |     |          |       |
| LOCATION       | BRISTOL, CT 06010                 |       |          |              |     |          |       |
| ARCHITECT      | TLB ARCHITECTURE, LLC.            |       |          |              |     |          |       |
| ENGINEER       | GNCB CONSULTING ENGINEERING, P.C. |       |          |              |     |          |       |
| CUSTOMER       | SAN MAT CONSTRUCTION              |       |          |              |     |          |       |
| DRAWN BY:      | MRS                               | DATE: | 10/14/19 | REVIEWED BY: | T/L | JOB NO.: | 19129 |
| DRAWING TITLE: | POOL BOTTOM MAT SLAB              |       |          | DRAWING NO.: | R1  |          |       |



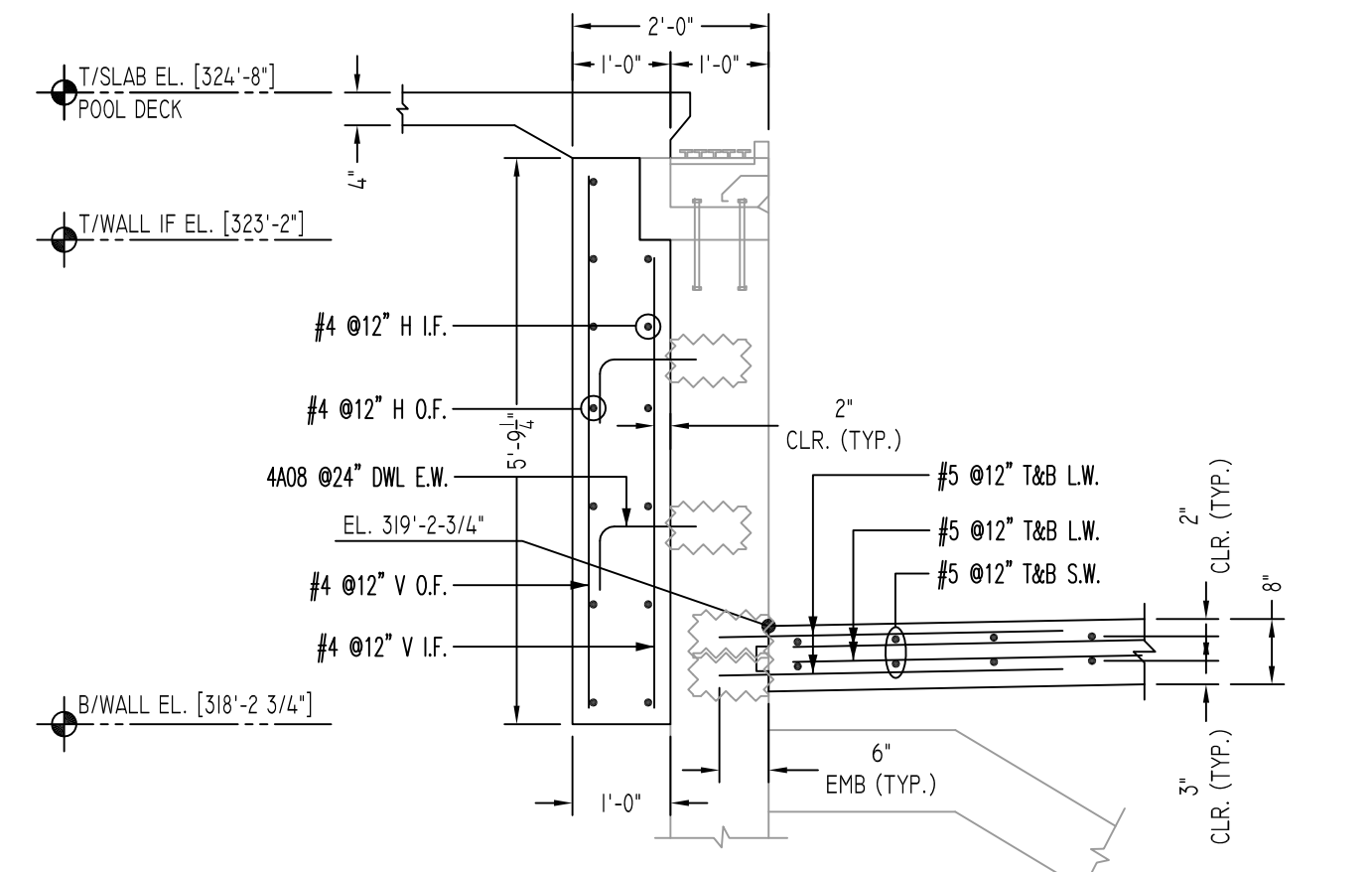
**1A ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



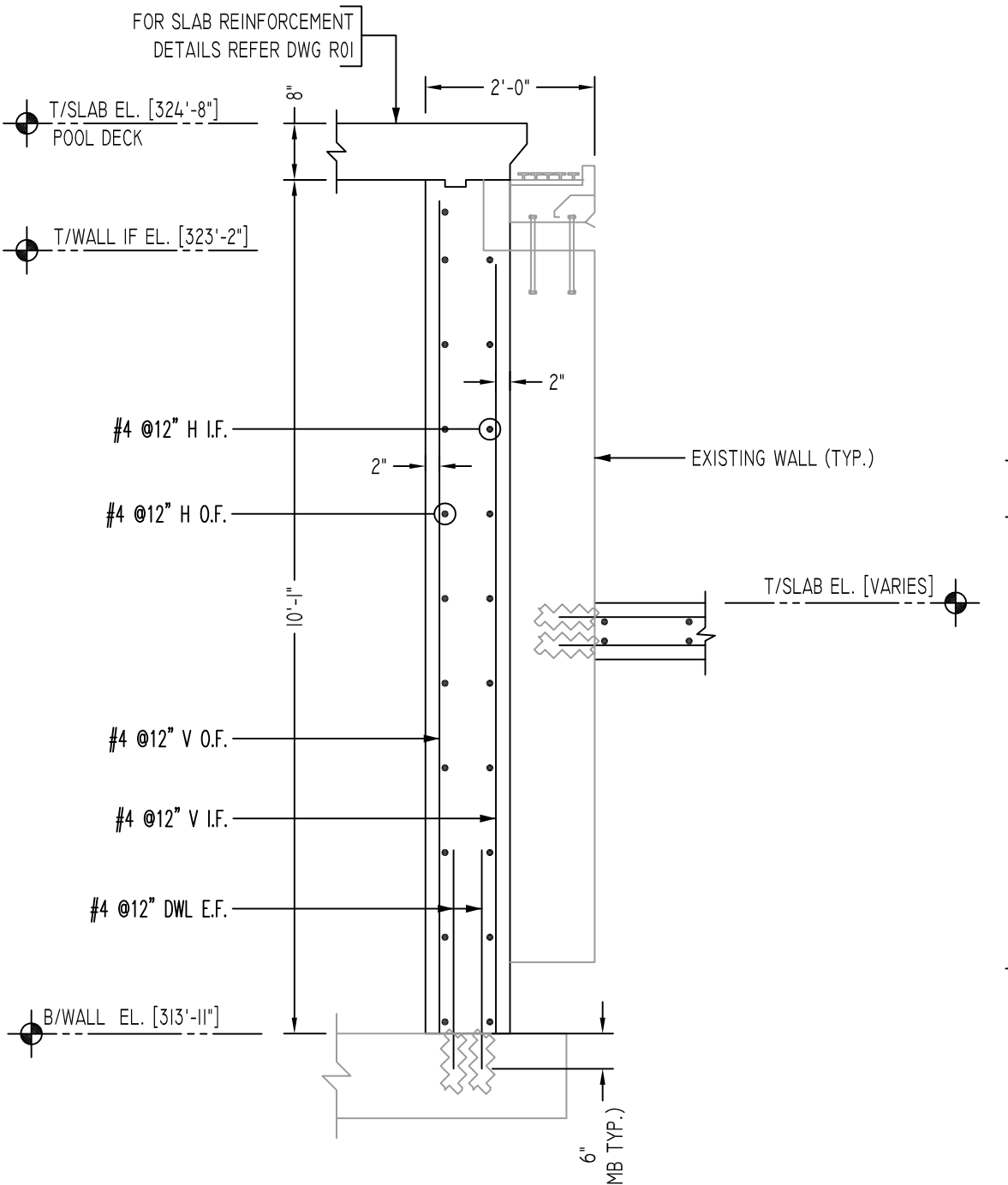
**1B ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



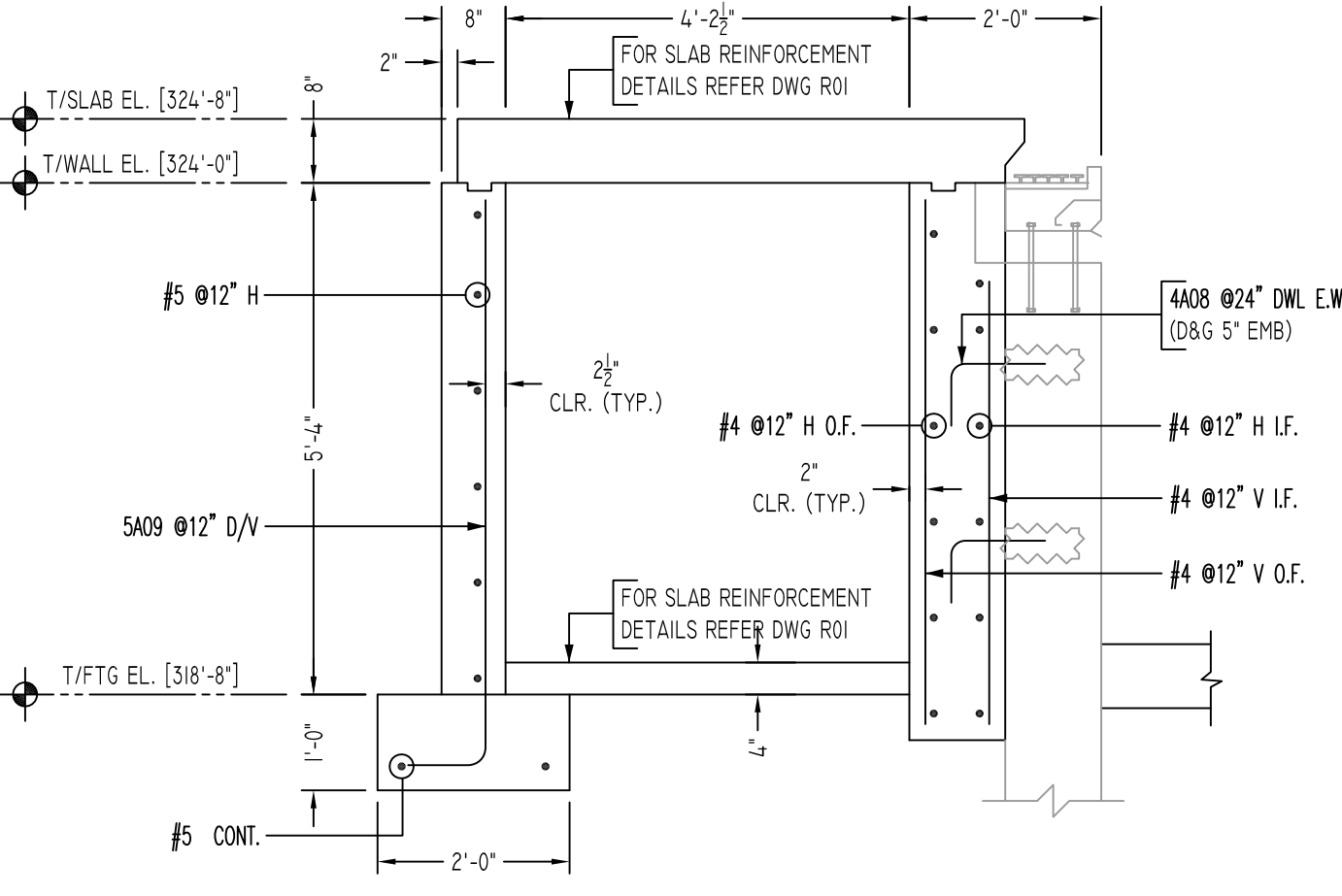
**1C ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



**12 SECTION**  
SCALE - 3/4"=1'-0"  
REF: S101



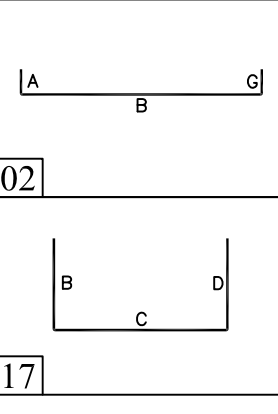
**14 SECTION**  
SCALE - 3/4"=1'-0"  
REF: S101



**13 SECTION**  
SCALE - 3/4"=1'-0"  
REF: S101

Release Code: R2

| Bar Mark  | Qty | Size | Total Length | Type | A'  | B'     | C' | D' | E' | F' | G' | H' | I' | J' | K' | L' |
|-----------|-----|------|--------------|------|-----|--------|----|----|----|----|----|----|----|----|----|----|
| 4A0a      | 9   | #4   | 31'          |      |     | 31'    |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A0b      | 6   | #4   | 55'          |      |     | 55'    |    |    |    |    |    |    |    |    |    |    |
| 4A5a      | 9   | #4   | 31'          |      |     | 31'    |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A5b      | 6   | #4   | 47'          |      |     | 47'    |    |    |    |    |    |    |    |    |    |    |
| 4A6a      | 1   | #4   | 26'          |      |     | 26'    |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A6b      | 1   | #4   | 31'          |      |     | 31'    |    |    |    |    |    |    |    |    |    |    |
| 4A7a      | 1   | #4   | 18'          |      |     | 18'    |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A7b      | 1   | #4   | 31'          |      |     | 31'    |    |    |    |    |    |    |    |    |    |    |
| 4A8       | 330 | #4   | 18' 2"       |      | 8"  | 10"    |    |    |    |    |    |    |    |    |    |    |
| 4A9       | 26  | #4   | 5' 6" 11"    |      | 29" | 29"    |    |    |    |    |    |    |    |    |    |    |
| 4A11      | 46  | #4   | 35' 2"       |      | 8"  | 29"    |    |    |    |    |    |    |    |    |    |    |
| 4A12a     | 6   | #4   | 54'          |      |     | 54'    |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A12c     | 3   | #4   | 57'          |      |     | 57'    |    |    |    |    |    |    |    |    |    |    |
| 4A13a     | 6   | #4   | 4' 6"        |      |     | 4' 6"  |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A13c     | 3   | #4   | 4' 9"        |      |     | 4' 9"  |    |    |    |    |    |    |    |    |    |    |
| 4A14a     | 5   | #4   | 5' 11"       |      |     | 5' 11" |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A14c     | 2   | #4   | 6' 11"       |      |     | 6' 11" |    |    |    |    |    |    |    |    |    |    |
| 4A15a     | 5   | #4   | 5' 1"        |      |     | 5' 1"  |    |    |    |    |    |    |    |    |    |    |
| VARIES TO |     |      |              |      |     |        |    |    |    |    |    |    |    |    |    |    |
| 4A15c     | 2   | #4   | 6' 1"        |      |     | 6' 1"  |    |    |    |    |    |    |    |    |    |    |



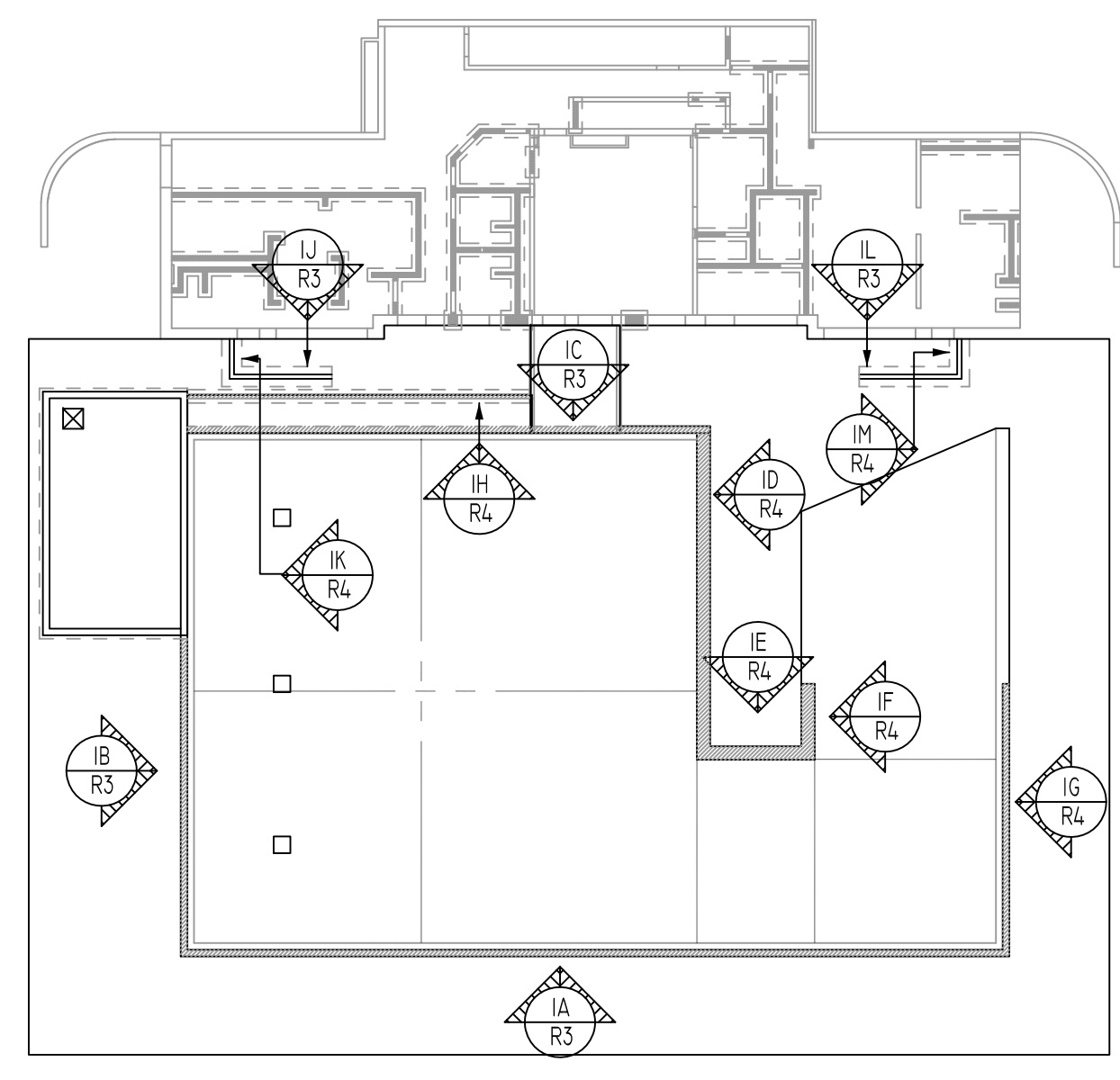
**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

**LAP SCHEDULE**

| SIZE | SLAB / MAT    |                  |        |
|------|---------------|------------------|--------|
|      | 12" THK. LESS | 12" THK. GREATER | OTHERS |
| #3   | 20"           | 20"              | 25"    |
| #4   | 25"           | 25"              | 33"    |
| #5   | 32"           | 32"              | 41"    |
| #6   | 38"           | 38"              | 49"    |
| #7   | 82"           | 82"              | 106"   |
| #8   | 94"           | 94"              | 121"   |
| #9   | 109"          | 109"             | 137"   |
| #10  | 119"          | 119"             | 154"   |
| #11  | 132"          | 132"             | 171"   |

**LAP SCHEDULE**

| SIZE | VERT. BARS | WALLS       |        |
|------|------------|-------------|--------|
|      |            | HORIZ. BARS | OTHERS |
| #3   | 20"        | 20"         | 25"    |
| #4   | 25"        | 25"         | 33"    |
| #5   | 32"        | 32"         | 41"    |
| #6   | 38"        | 38"         | 49"    |
| #7   | 55"        | 55"         | 71"    |
| #8   | 65"        | 65"         | 81"    |
| #9   | 71"        | 71"         | 91"    |
| #10  | 80"        | 80"         | 103"   |
| #11  | 88"        | 88"         | 114"   |



**KEY PLAN**  
SCALE - N.T.S.  
REF: S101

**Abbreviations:**

- I.F.=Inside Face
- O.F.=Outside Face
- E.F.=Each Face
- DWL=Dowel
- V=Vertical
- H=Horizontal
- C.B.=Corner Bar
- S.DWL.=Slab Dowel
- E.W.=Each Way
- B/BOT.=Bottom
- T=Top
- MDWL.=Masonry Dowel
- B.B.=Road Beam
- ALT.=Alternate
- Approx. Approximate

**NOTICE**

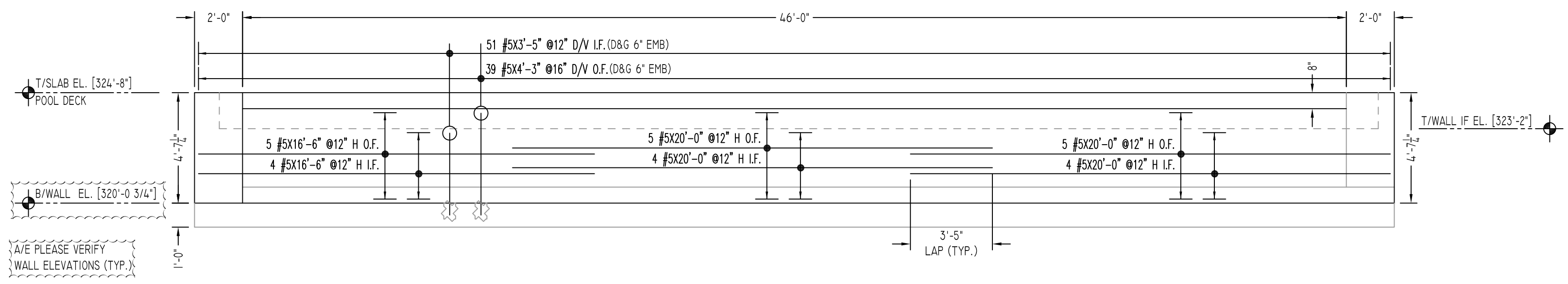
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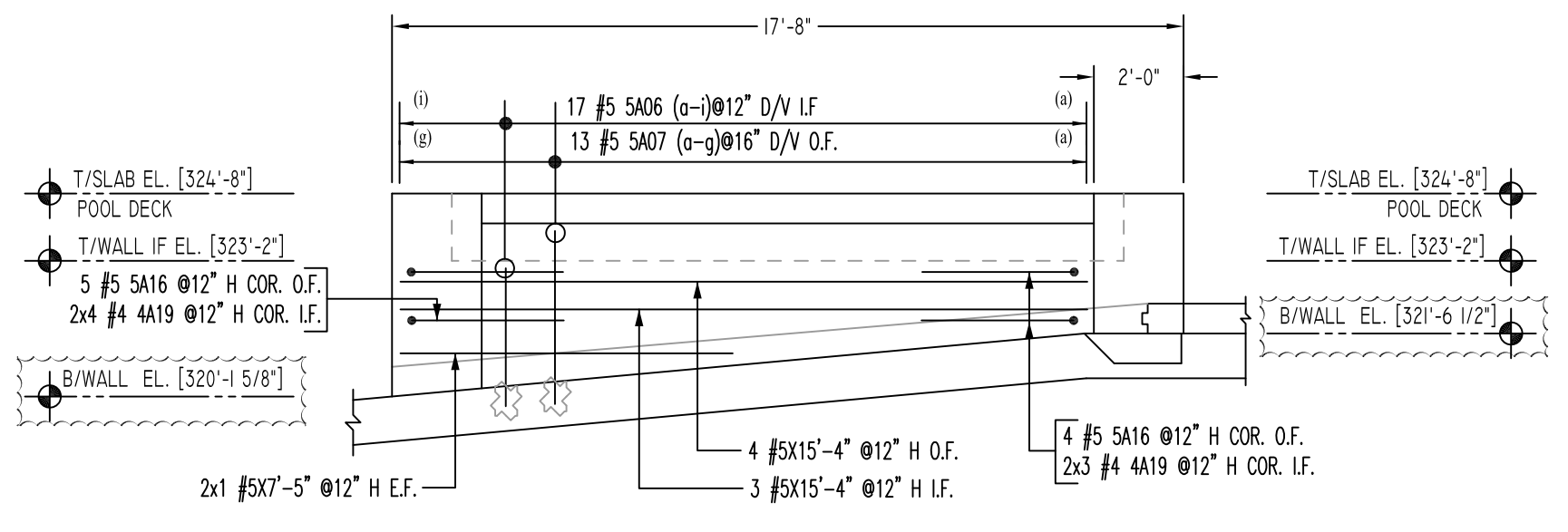
| REVISION MARK | REVISION DETAILS | DATE       |
|---------------|------------------|------------|
| 0             | FOR APPROVAL     | 10/14/2019 |

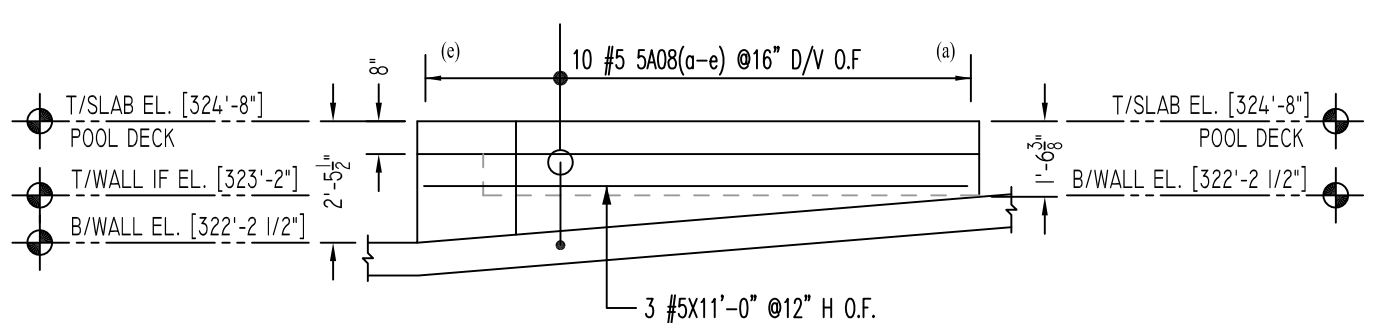
|                |                                   |       |                 |
|----------------|-----------------------------------|-------|-----------------|
| PROJECT        | PAGE PARK POOL RENOVATION         |       |                 |
| LOCATION       | BRISTOL, CT 06010                 |       |                 |
| ARCHITECT      | TLB ARCHITECTURE, LLC.            |       |                 |
| ENGINEER       | GNCB CONSULTING ENGINEERING, P.C. |       |                 |
| CUSTOMER       | SAN MAT CONSTRUCTION              |       |                 |
| DRAWN BY:      | MRS                               | DATE: | 10/14/19        |
| REVIEWED BY:   | T/L                               | DATE: | 19129           |
| DRAWING TITLE: | POOL WALL REINFORCEMENT DETAILS   |       | DRAWING NO.: R2 |



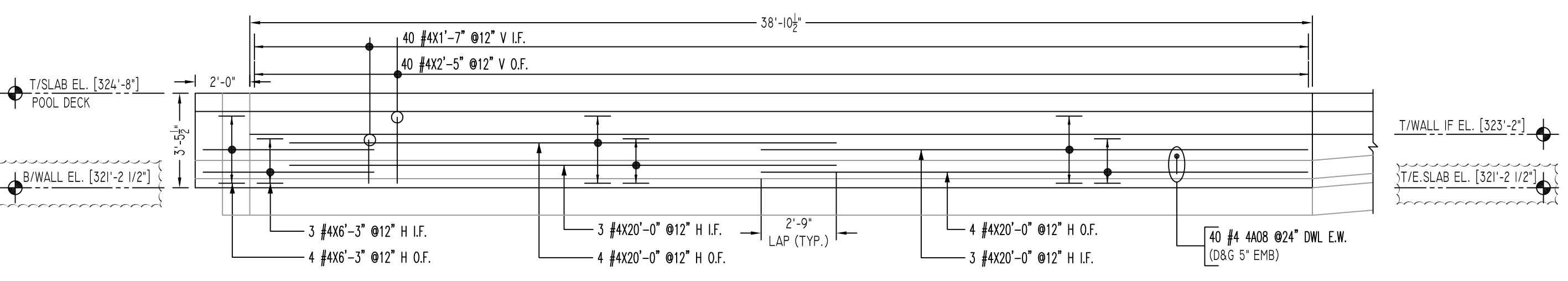
**ID ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



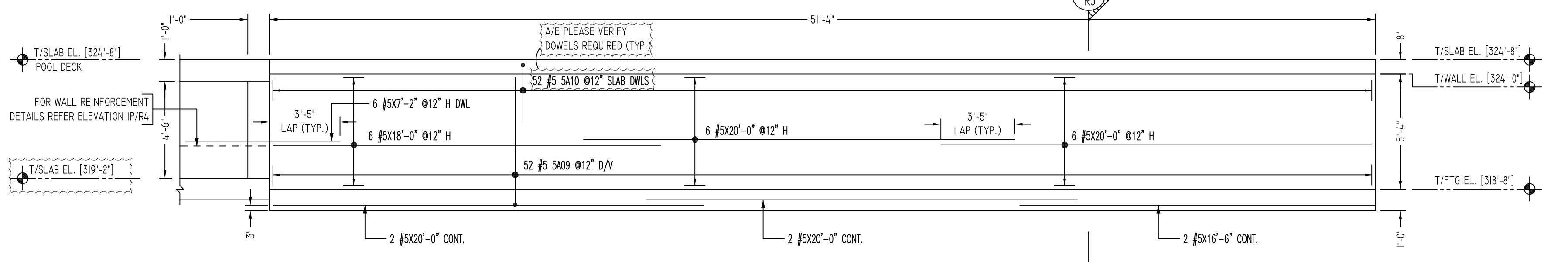
**IE ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



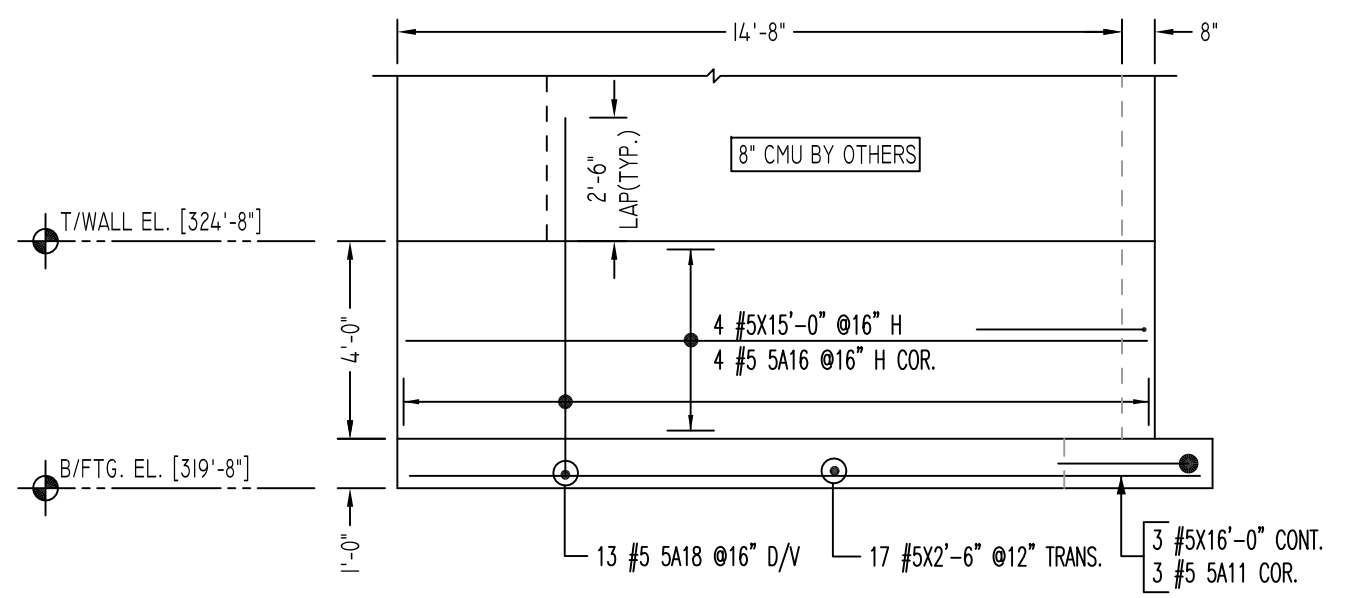
**IF ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



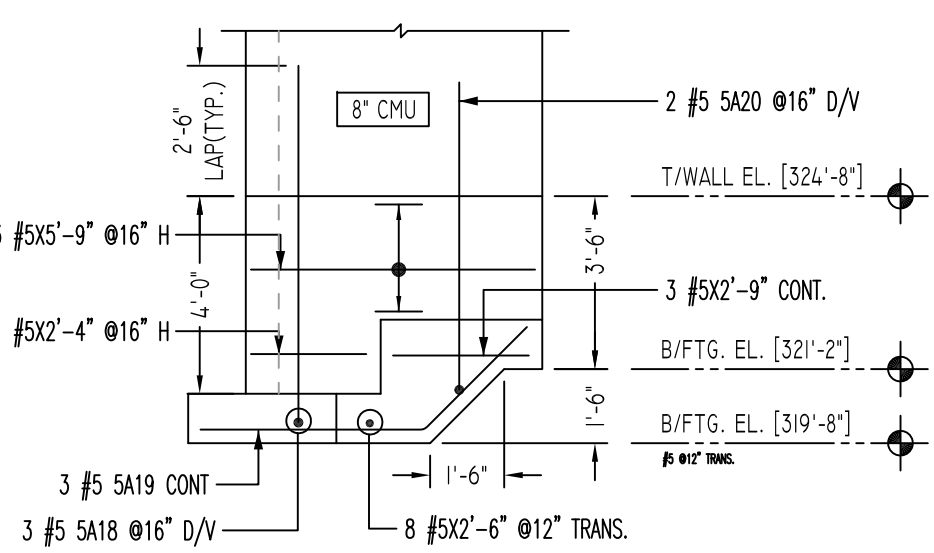
**IG ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



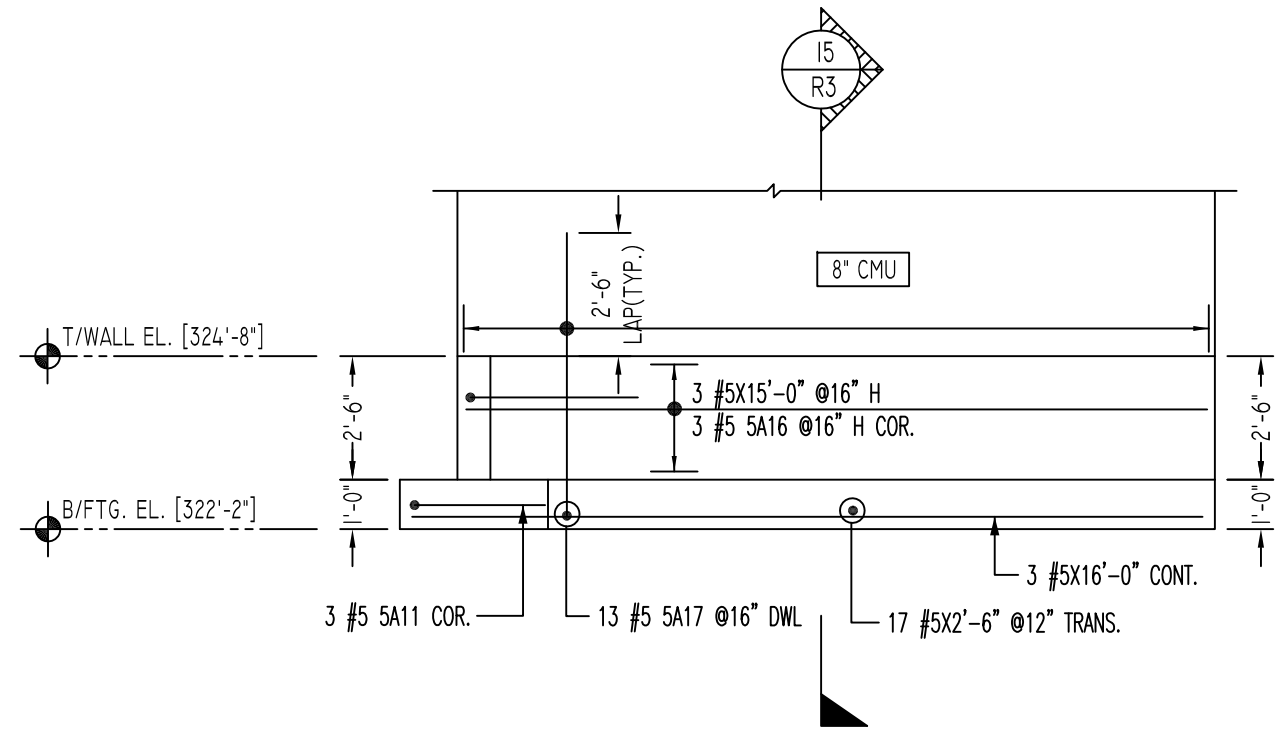
**IH ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



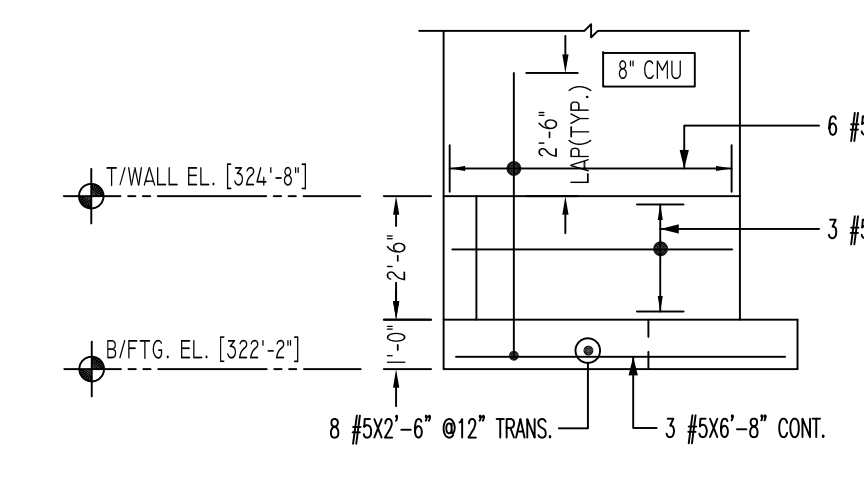
**IJ ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



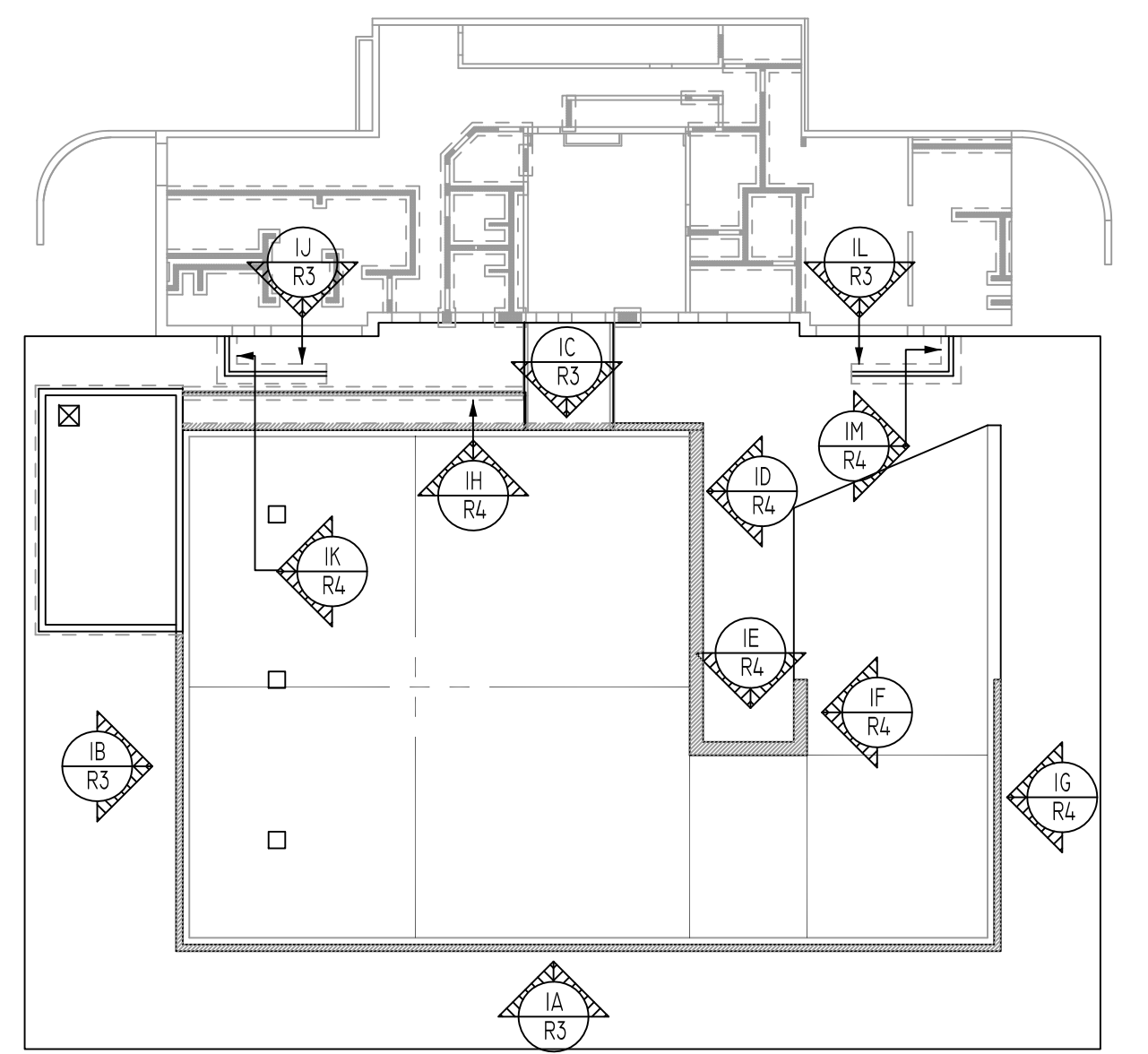
**IK ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



**IL ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



**IM ELEVATION**  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



**KEY PLAN**  
SCALE - N.T.S.  
REF: S101

Release Code: R3

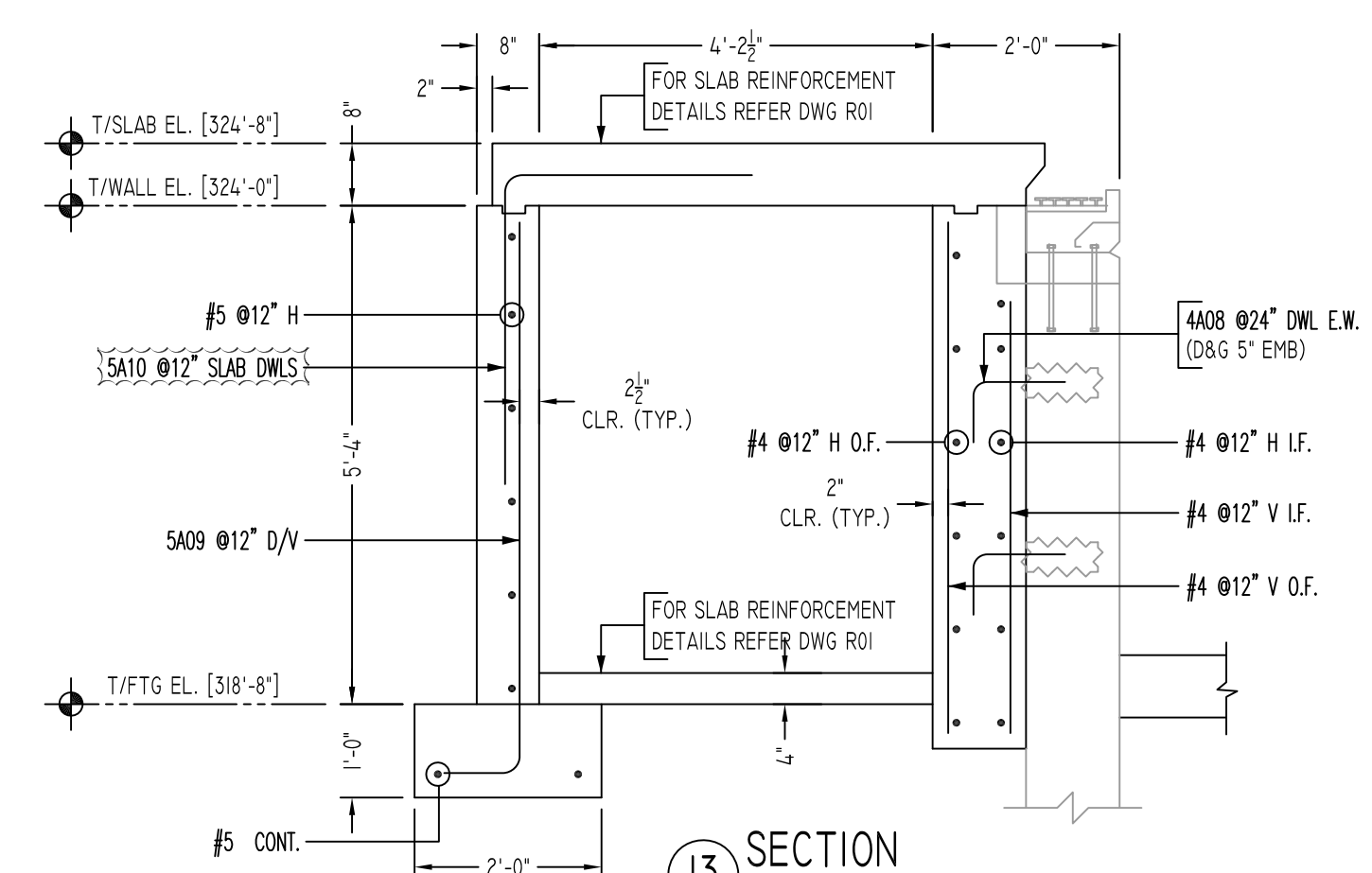
| Bar Mark  | Qty | Size | Total length | Typ | 'A'        | 'B'       | 'C'   | 'D' | 'E' | 'F' | 'G' | 'H'       | 'J' | 'K'       | 'O'      | 'R' |
|-----------|-----|------|--------------|-----|------------|-----------|-------|-----|-----|-----|-----|-----------|-----|-----------|----------|-----|
| LA08      | 40  | #4   | 18'2"        | 2   | 8"         | 10"       |       |     |     |     |     |           |     |           |          |     |
| LA19      | 14  | #4   | 4'11"        | 2   | 8"         | 35"       |       |     |     |     |     |           |     |           |          |     |
| SA06a     | 2   | #5   | 1'11"        |     |            |           | 1'11" |     |     |     |     |           |     |           |          |     |
| VARIES TO |     |      |              |     |            |           |       |     |     |     |     |           |     |           |          |     |
| SA06i     | 1   | #5   | 3'4"         |     |            |           | 3'4"  |     |     |     |     |           |     |           |          |     |
| SA07a     | 2   | #5   | 2'9"         |     |            |           | 2'9"  |     |     |     |     |           |     |           |          |     |
| VARIES TO |     |      |              |     |            |           |       |     |     |     |     |           |     |           |          |     |
| SA07g     | 1   | #5   | 4'2"         |     |            |           | 4'2"  |     |     |     |     |           |     |           |          |     |
| SA08a     | 2   | #5   | 1'10 1/2"    | 2   | 10"        | 10 1/2"   |       |     |     |     |     |           |     |           |          |     |
| VARIES TO |     |      |              |     |            |           |       |     |     |     |     |           |     |           |          |     |
| SA08e     | 2   | #5   | 2'8 1/2"     | 2   | 10"        | 1'10"     |       |     |     |     |     |           |     |           |          |     |
| SA09      | 51  | #5   | 6'9 1/2"     | 2   | 10"        | 5'11"     |       |     |     |     |     |           |     |           |          |     |
| SA10      | 52  | #5   | 6'9 1/2"     | 2   | 2'8"       | 3'4"      |       |     |     |     |     |           |     |           |          |     |
| SA11      | 6   | #5   | 5'4 1/2"     | 2   | 2'8"       | 2'8"      |       |     |     |     |     |           |     |           |          |     |
| SA16      | 6   | #5   | 6'10 1/2"    | 2   | 35"        | 35"       |       |     |     |     |     |           |     |           |          |     |
| SA17      | 19  | #5   | 6'7 1/2"     | 2   | 10"        | 5'9"      |       |     |     |     |     |           |     |           |          |     |
| SA18      | 6   | #5   | 8'1 1/2"     | 2   | 10"        | 7'3"      |       |     |     |     |     |           |     |           |          |     |
| SA19      | 3   | #5   | 7'6 1/2"     | 3   | 4 1/2 1/2" | 2'11 1/2" |       |     |     |     |     | 2'11 1/2" |     | 2'11 1/2" | 6'7 1/2" |     |
| SA20      | 2   | #5   | 7'1 1/2"     | 2   | 10"        | 6'3"      |       |     |     |     |     |           |     |           |          |     |

**LAP SCHEDULE**

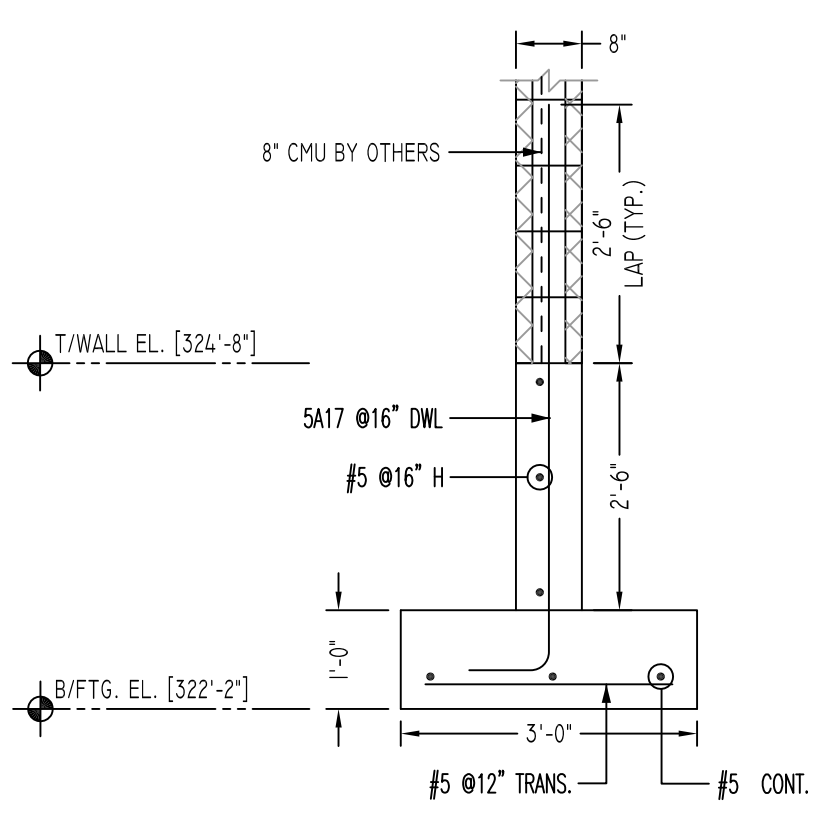
| SIZE | SLAB / MAT    |                  |        |
|------|---------------|------------------|--------|
|      | 12" THK. LESS | 12" THK. GREATER | OTHERS |
| #3   | 20"           | 20"              | 25"    |
| #4   | 25"           | 25"              | 33"    |
| #5   | 32"           | 32"              | 41"    |
| #6   | 38"           | 38"              | 49"    |
| #7   | 45"           | 45"              | 57"    |
| #8   | 52"           | 52"              | 65"    |
| #9   | 60"           | 60"              | 73"    |
| #10  | 68"           | 68"              | 81"    |
| #11  | 76"           | 76"              | 89"    |

**LAP SCHEDULE**

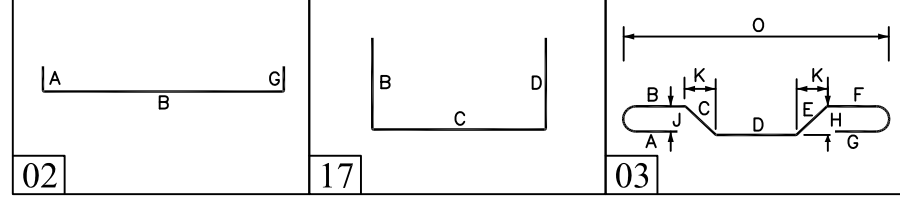
| SIZE | WALLS      |             |
|------|------------|-------------|
|      | VERT. BARS | HORIZ. BARS |
| #3   | 20"        | 25"         |
| #4   | 25"        | 33"         |
| #5   | 32"        | 41"         |
| #6   | 38"        | 49"         |
| #7   | 45"        | 57"         |
| #8   | 52"        | 65"         |
| #9   | 60"        | 73"         |
| #10  | 68"        | 81"         |
| #11  | 76"        | 89"         |



**13 SECTION**  
SCALE - 3/4"=1'-0"  
REF: S1/S-301



**15 SECTION**  
SCALE - 3/4"=1'-0"  
REF: I0/S-301



**ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED**

- Abbreviations:**  
 I.F.=Inside Face  
 O.F.=Outside Face  
 E.F.=Each Face  
 DWL=Dowel  
 V=Vertical  
 H=Horizontal  
 C.B.=Corner Bar  
 S.DWL.=Slab Dowel  
 E.W.=Each Way  
 B/BOT.=Bottom  
 T=Top  
 MDWL.=Masonry Dowel  
 B.B.=Road Beam  
 ALT.=Alternate  
 Approx. Approximate
- OPNG=Opening**  
 BAL.=Balance  
 BTW=Between  
 C.J.=Construction Joint  
 CLR.=CLEARANCE  
 CMU=Concrete Masonry Unit  
 CONT.=Continuous  
 EA.=Each  
 Elev.=Elevation  
 EMB.=Embedment  
 SW.=Short Way  
 LW.=Long Way  
 (BL)=Black Bar  
 (EP)=Epoxy Bar  
 (GA)=Galvanized

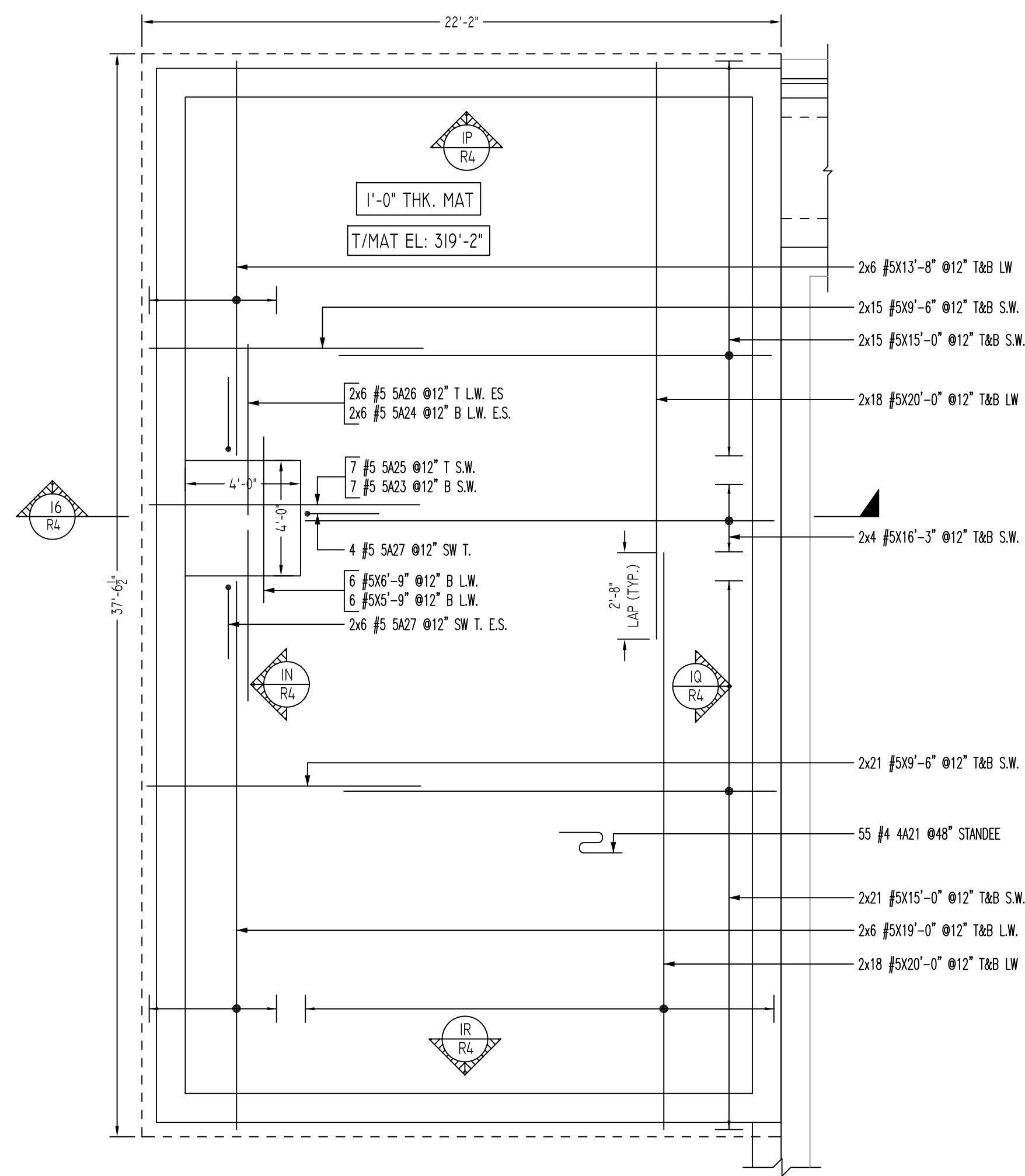
**NOTICE**

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REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

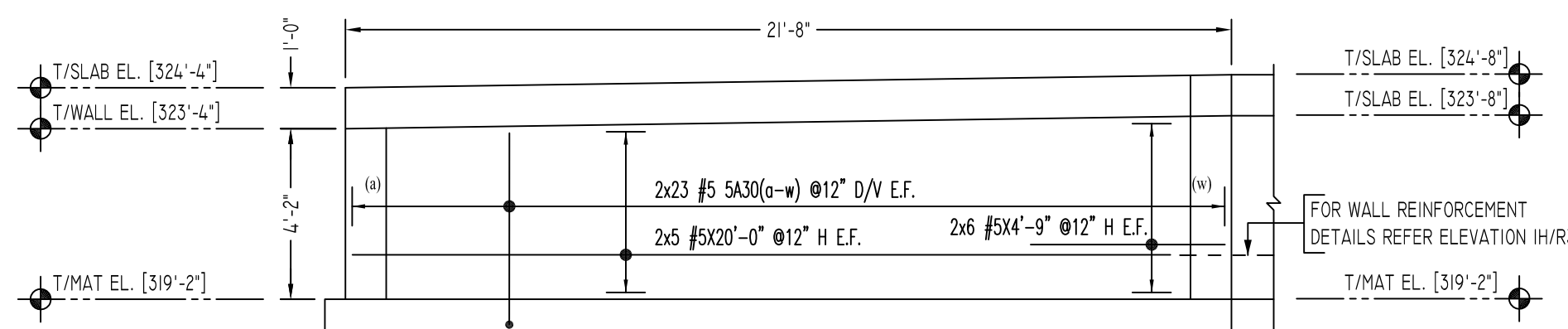
| REVISION MARK | REVISION DETAILS | DATE       |
|---------------|------------------|------------|
| 0             | FOR APPROVAL     | 10/14/2019 |

|                |                                   |       |                 |
|----------------|-----------------------------------|-------|-----------------|
| PROJECT        | PAGE PARK POOL RENOVATION         |       |                 |
| LOCATION       | BRISTOL, CT 06010                 |       |                 |
| ARCHITECT      | TLB ARCHITECTURE, LLC.            |       |                 |
| ENGINEER       | GNCB CONSULTING ENGINEERING, P.C. |       |                 |
| CUSTOMER       | SAN MAT CONSTRUCTION              |       |                 |
| DRAWN BY:      | MRS                               | DATE: | 10/14/19        |
| REVIEWED BY:   | T/L                               | DATE: | 19129           |
| DRAWING TITLE: | POOL WALL REINFORCEMENT DETAILS   |       | DRAWING NO.: R3 |

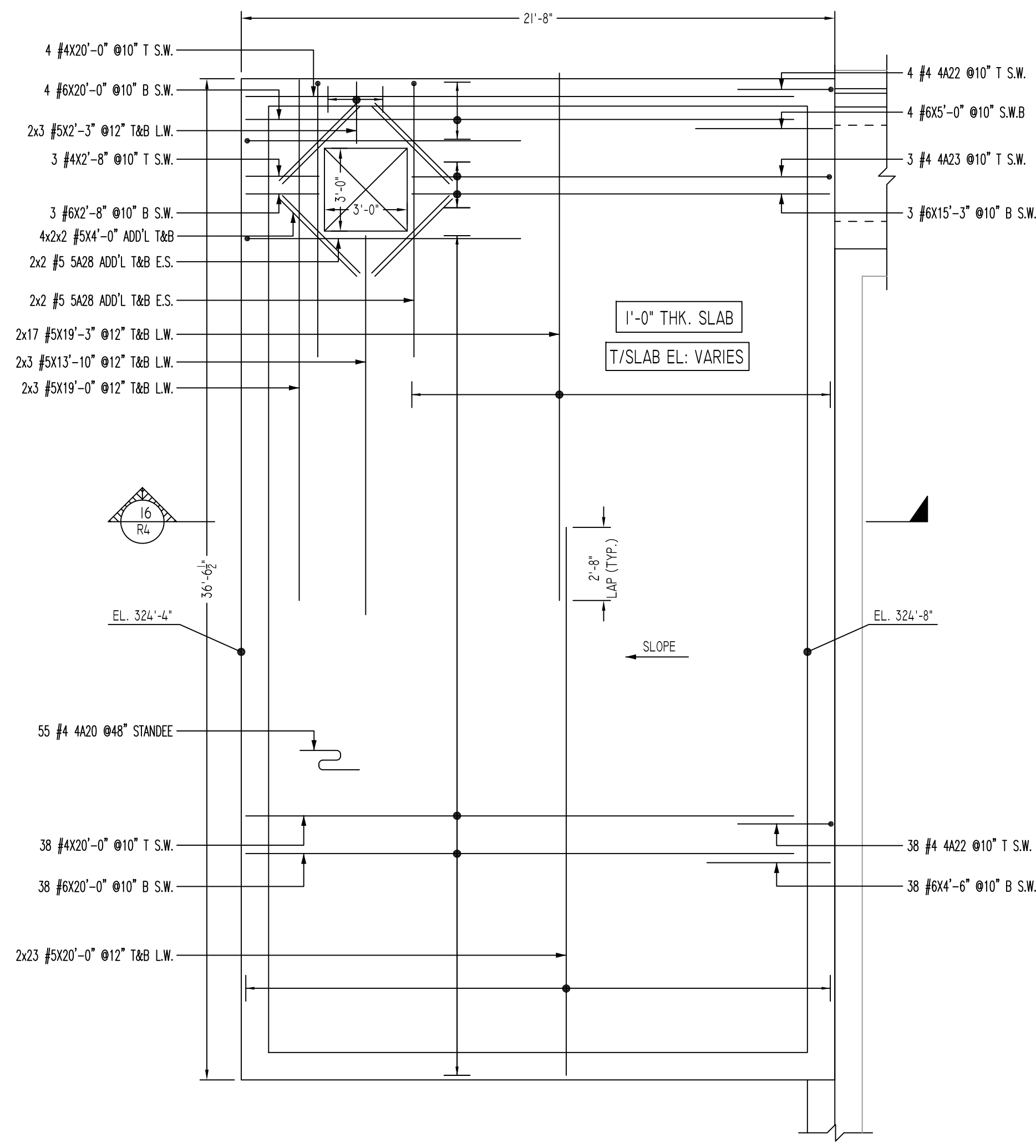


(BOTTOM MAT SLAB)  
SURGE TANK REINFORCEMENT DETAILS  
DETAIL - A

SCALE - 1/4"=1'-0"  
REF: S102

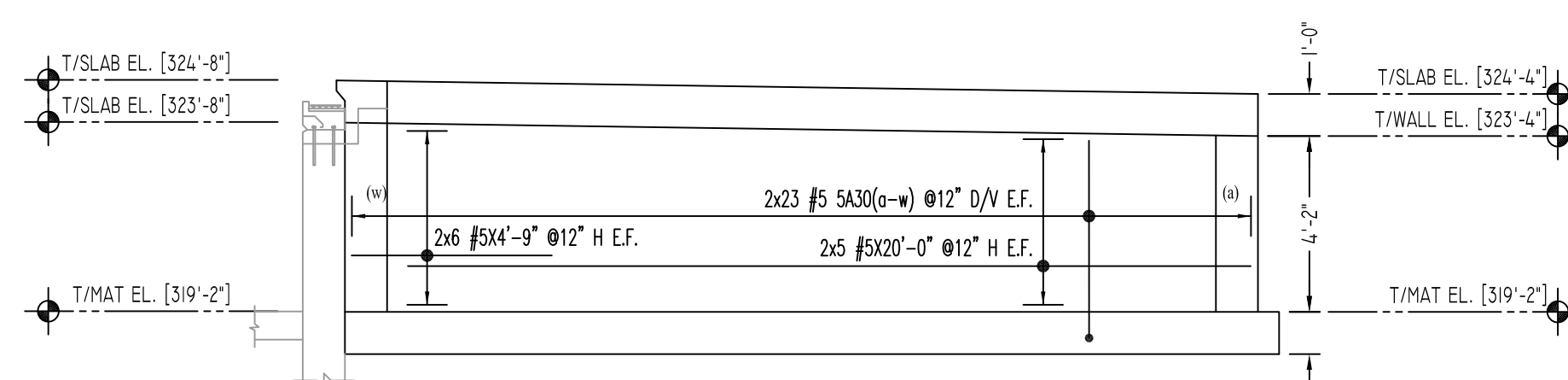


(IP) ELEVATION  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302

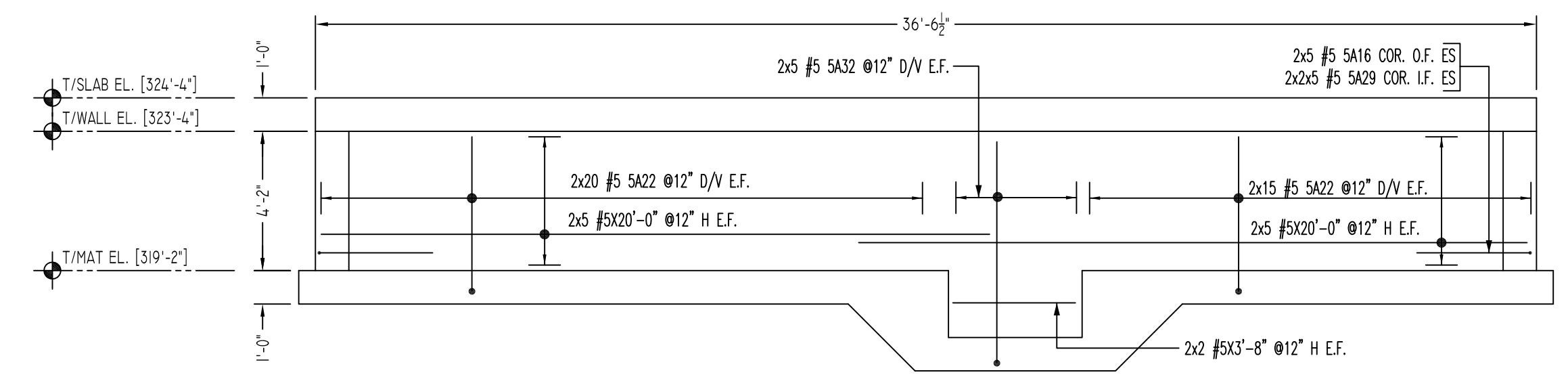


(TOP SLAB)  
SURGE TANK REINFORCEMENT DETAILS  
DETAIL - A

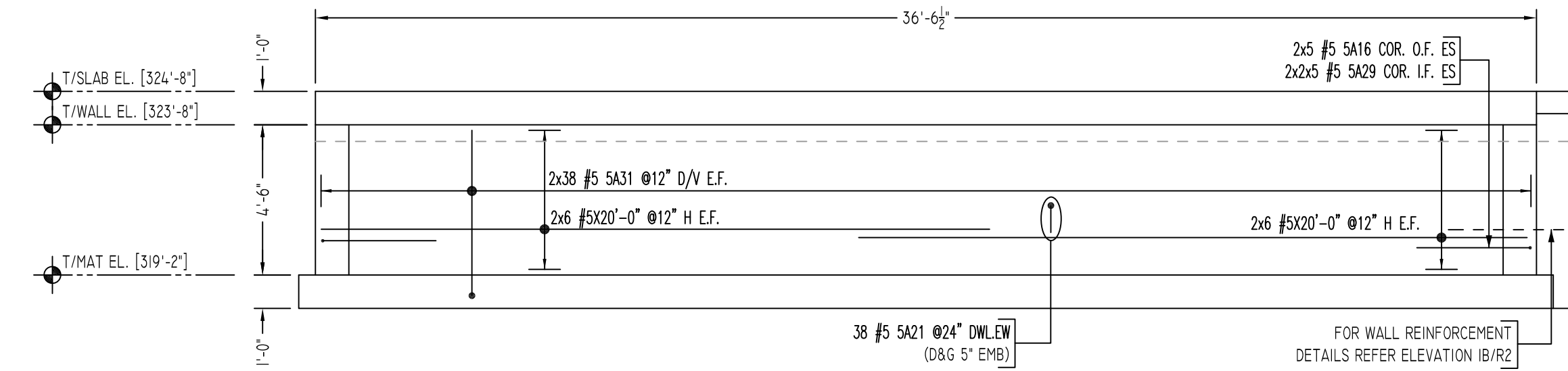
SCALE - 1/4"=1'-0"  
REF: S102



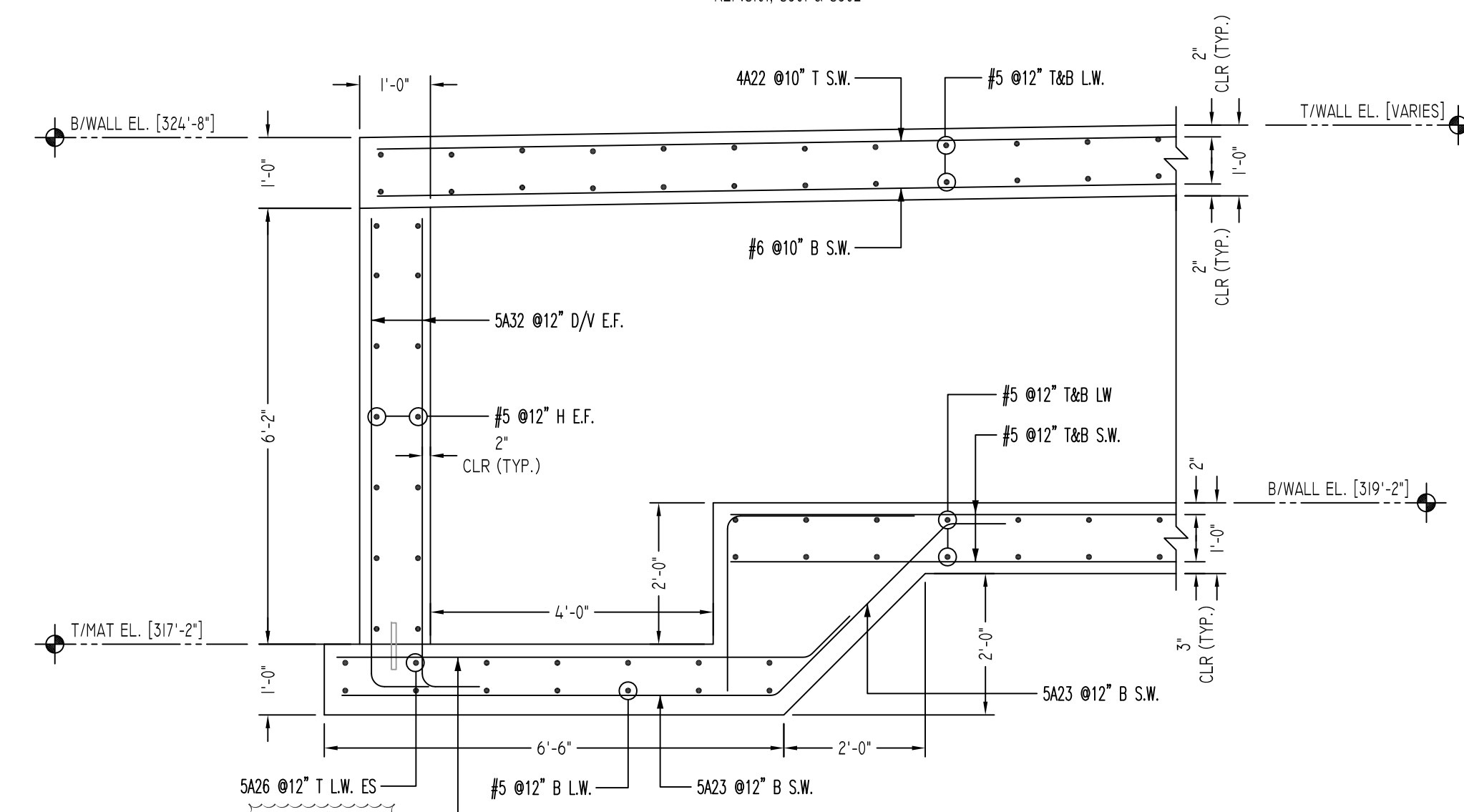
(IR) ELEVATION  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



(IN) ELEVATION  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



(IQ) ELEVATION  
SCALE - 1/4"=1'-0"  
REF: S101, S301 & S302



(16) SECTION  
SCALE - 3/4"=1'-0"  
REF: S101, S301

Release Code: R4

| Bar Mark  |       | Qty | Size    | Total Length | Type | A'      | B'      | C'  | D' | E'  | F'     | G'  | H'  | I'     | J' | K'  | L' | M'  | N' |     |
|-----------|-------|-----|---------|--------------|------|---------|---------|-----|----|-----|--------|-----|-----|--------|----|-----|----|-----|----|-----|
| 4A20      | 55 #4 | 4   | 10'     | 25           |      | 16'     | 6"      | 10' | 6" | 16' | 6"     | 10' | 6"  | 10'    | 6" | 10' | 6" | 10' | 6" | 10' |
| 4A21      | 55 #4 | 5   | 10'     | 25           |      | 16'     | 7"      | 10' | 7" | 16' | 7"     | 10' | 7"  | 10'    | 7" | 10' | 7" | 10' | 7" | 10' |
| 4A22      | 42 #4 | 3   | 11'     | 1            | 6'   | 35'     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 4A23      | 3 #4  | 15  | 9'      | 1            | 6'   | 53'     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A16      | 20 #5 | 6   | 10'     | 17           |      | 35'     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A21      | 38 #5 | 7   | 10'     | 17           |      | 10'     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A22      | 70 #5 | 55  | 7'      | 10'          |      | 47 1/2" |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A23      | 7 #5  | 10  | 5 1/2"  | 3            |      | 10'     | 35 1/2" | 62" |    |     | 26"    |     | 25' | 9 1/2" |    |     |    |     |    |     |
| 5A24      | 12 #5 | 6   | 11 1/2" | 3            |      | 10'     | 35 1/2" | 28" |    |     | 26"    |     | 25' | 5 11"  |    |     |    |     |    |     |
| 5A25      | 7 #5  | 7   | 6"      | 3            |      | 68"     | 10"     |     |    |     | 7 1/2" |     | 7"  | 7 3"   |    |     |    |     |    |     |
| 5A26      | 12 #5 | 3   | 6"      | 3            |      | 28"     | 10"     |     |    |     | 7 1/2" |     | 7"  | 3 3"   |    |     |    |     |    |     |
| 5A27      | 16 #5 | 5   | 2"      | 17           |      | 26"     | 28"     |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A28      | 8 #5  | 10  | 7"      | 1            |      | 10"     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A29      | 40 #5 | 4   | 3"      | 2            |      | 10"     | 35'     |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A30a     | 4 #5  | 55  | 7"      | 10'          |      | 47"     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| VARIES TO |       |     |         |              |      |         |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A30w     | 4 #5  | 59  | 7"      | 10'          |      | 47"     |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A31      | 76 #5 | 59  | 7"      | 10'          |      | 47 1/2" |         |     |    |     |        |     |     |        |    |     |    |     |    |     |
| 5A32      | 10 #5 | 75  | 7"      | 10'          |      | 67 1/2" |         |     |    |     |        |     |     |        |    |     |    |     |    |     |

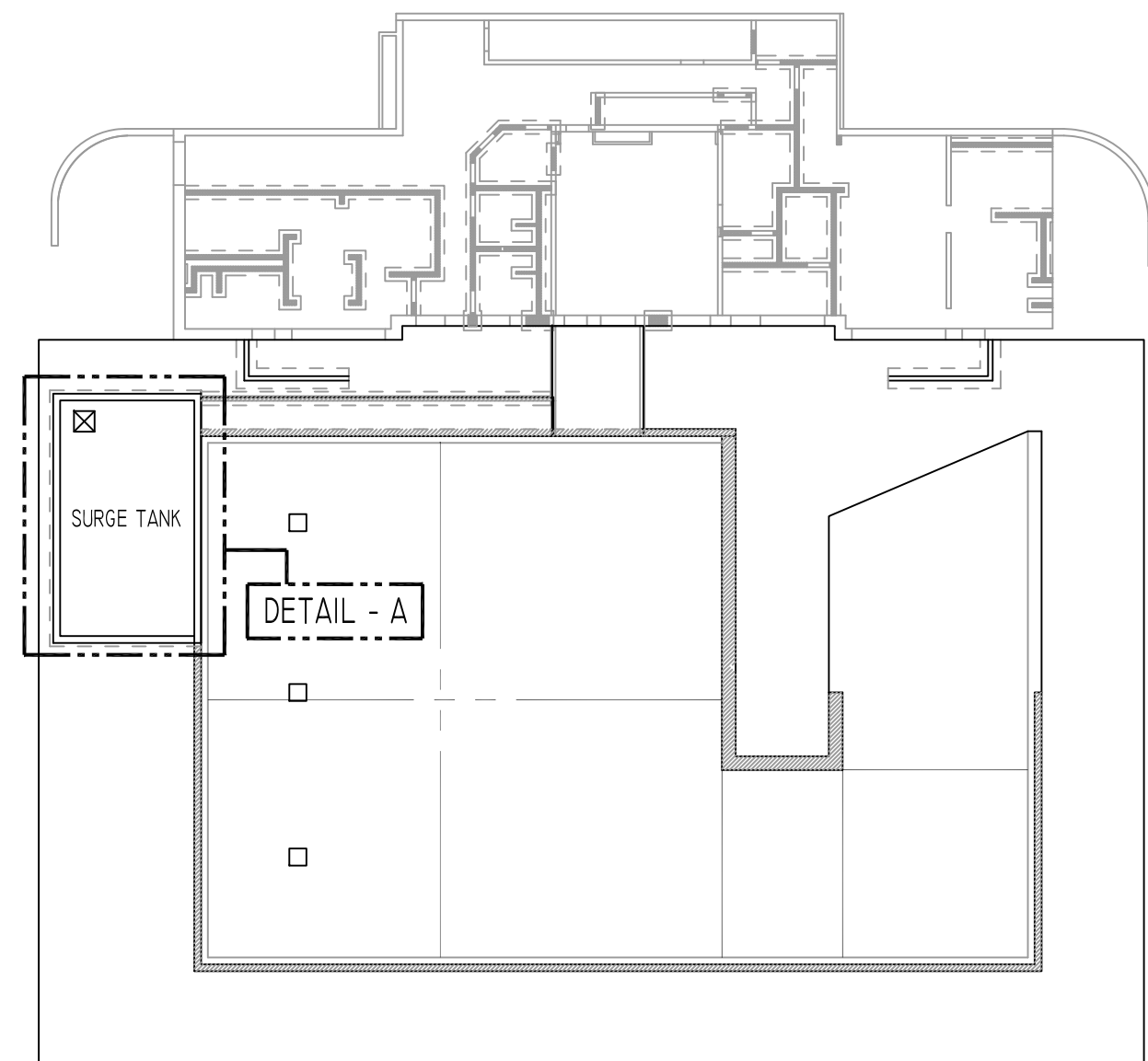
LAP SCHEDULE

| SIZE | SLAB / MAT    |                  |
|------|---------------|------------------|
|      | 12" THK. LESS | 12" THK. GREATER |
| #3   | 20"           | 25"              |
| #4   | 25"           | 33"              |
| #5   | 32"           | 41"              |
| #6   | 38"           | 49"              |
| #7   | 45"           | 57"              |
| #8   | 52"           | 65"              |
| #9   | 60"           | 73"              |
| #10  | 68"           | 81"              |
| #11  | 76"           | 89"              |

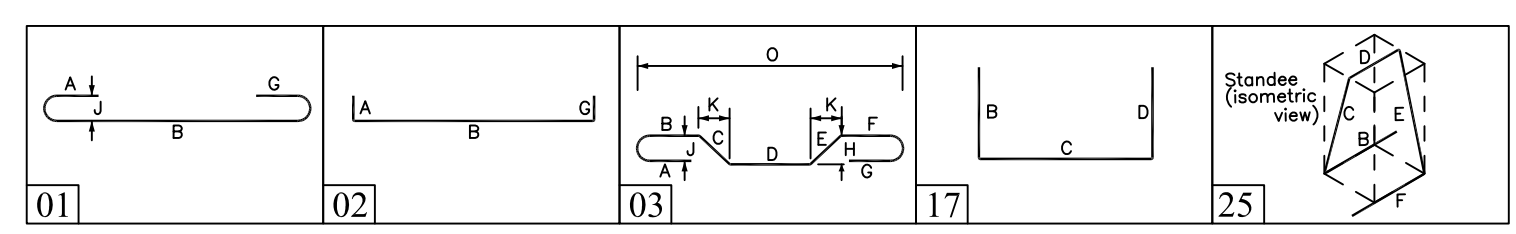
LAP SCHEDULE

| SIZE | WALLS      |             |
|------|------------|-------------|
|      | VERT. BARS | HORIZ. BARS |
| #3   | 20"        | 25"         |
| #4   | 25"        | 33"         |
| #5   | 32"        | 41"         |
| #6   | 38"        | 49"         |
| #7   | 45"        | 57"         |
| #8   | 52"        | 65"         |
| #9   | 60"        | 73"         |
| #10  | 68"        | 81"         |
| #11  | 76"        | 89"         |

ALL BARS IN THIS DRAWING  
ASTM A615 GRADE 60  
BLACK UNCOATED



KEY PLAN  
SCALE - N.T.S.  
REF: S101



Abbreviations:

- IF=Inside Face
- OF=Outside Face
- E-F=Each Face
- DWL=Dowel
- V=Vertical
- H=Horizontal
- C-B=Corner Bar
- S.DWL=Slab Dowel
- E.W.=Each Way
- B/BOT=Bottom
- T=Top
- MDWL=Masonry Dowel
- B-B=Reinforcing Bar
- ALT=Alternate
- Approx. Approximate

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| REVISION MARK | REVISION DETAILS | DATE       |
|---------------|------------------|------------|
| 0             | FOR APPROVAL     | 10/14/2019 |

|                |                                   |
|----------------|-----------------------------------|
| PROJECT        | PAGE PARK POOL RENOVATION         |
| LOCATION       | BRISTOL, CT 06010                 |
| ARCHITECT      | TLB ARCHITECTURE, LLC.            |
| ENGINEER       | GNCB CONSULTING ENGINEERING, P.C. |
| CUSTOMER       | SAN MAT CONSTRUCTION              |
| DRAWN BY:      | MRS                               |
| DATE:          | 10/14/19                          |
| REVIEWED BY:   | T/L                               |
| JOB NO.:       | 19129                             |
| DRAWING TITLE: | SURGE TANK REINFORCEMENT DETAILS  |
| DRAWING NO.:   | R4                                |