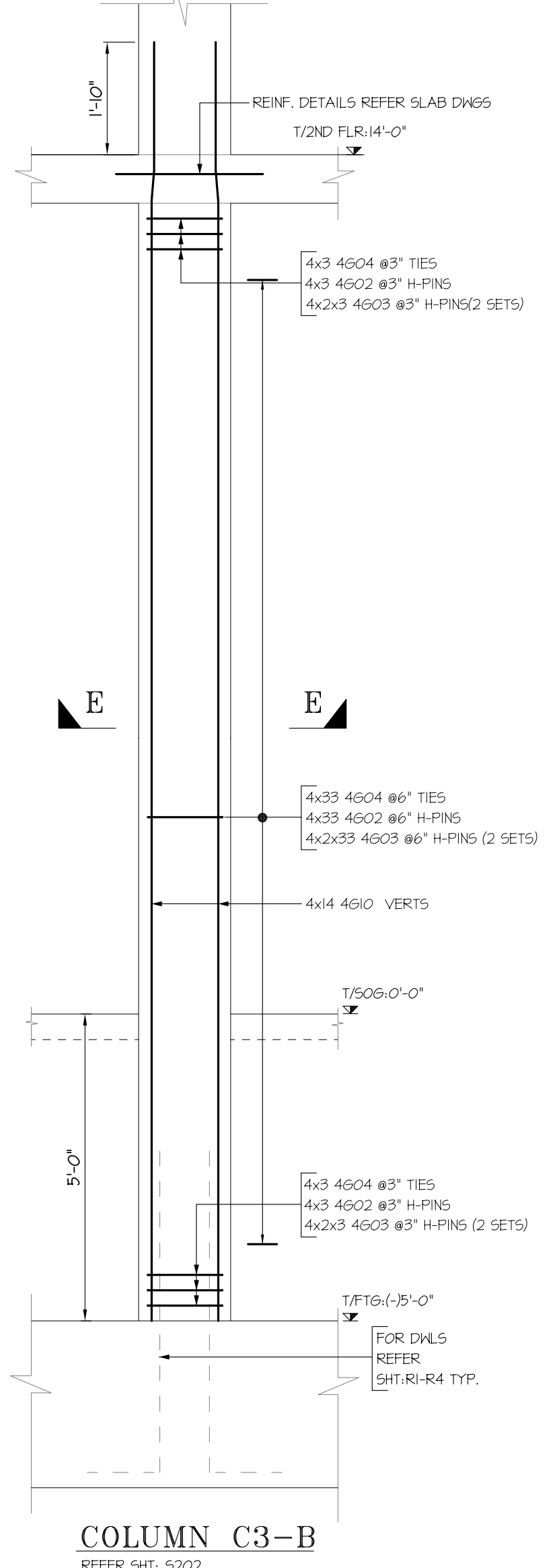
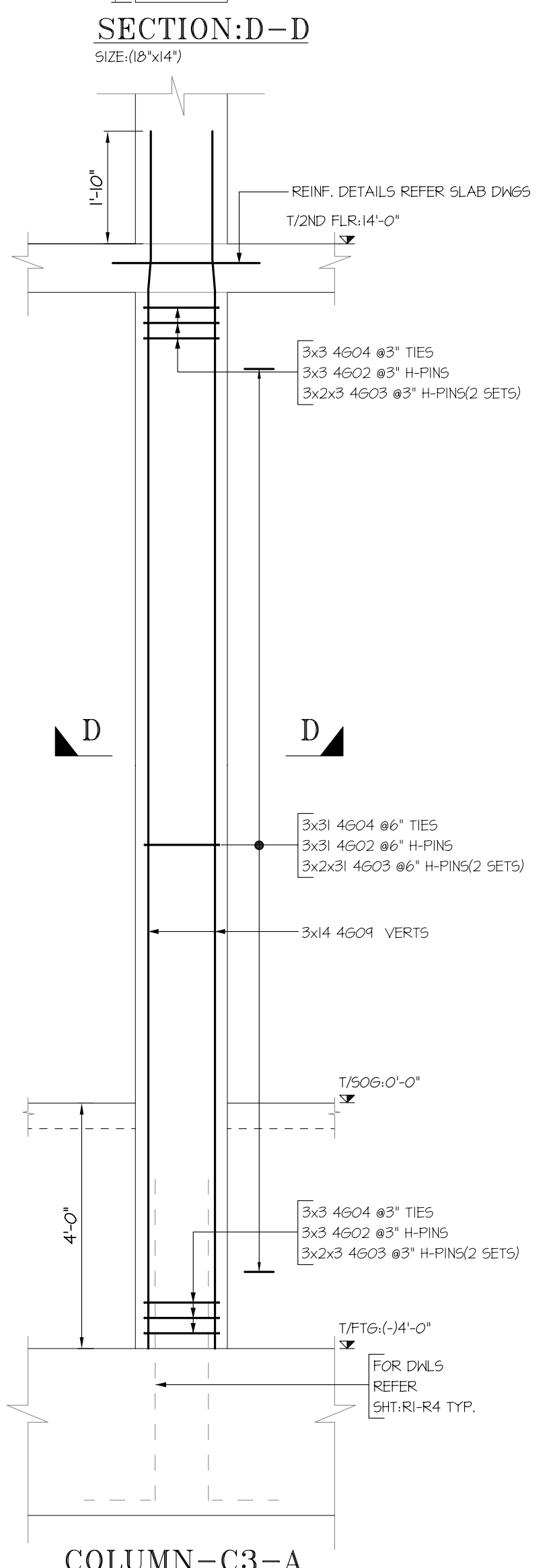
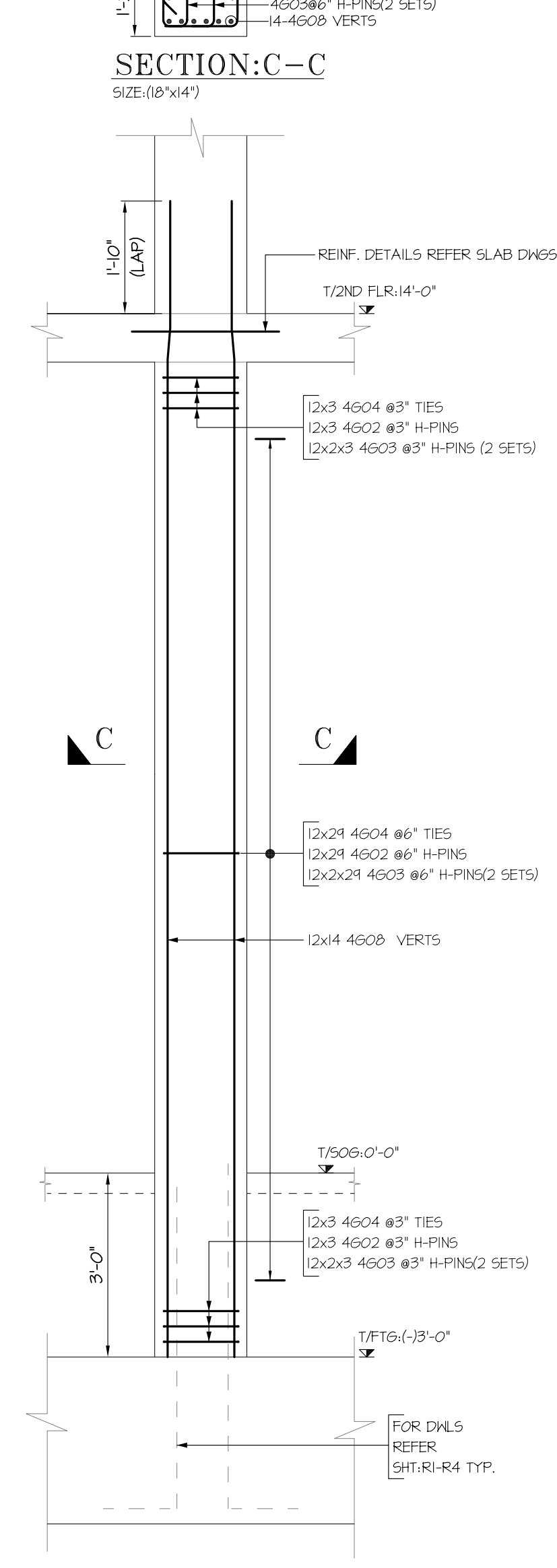
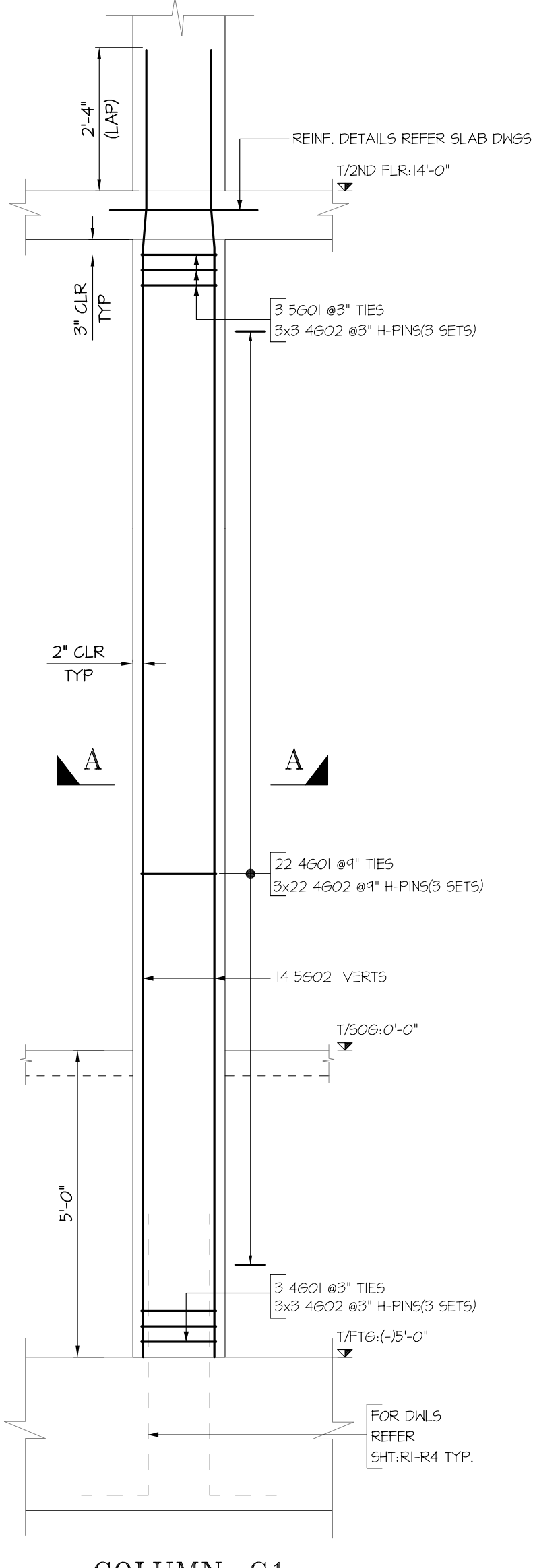
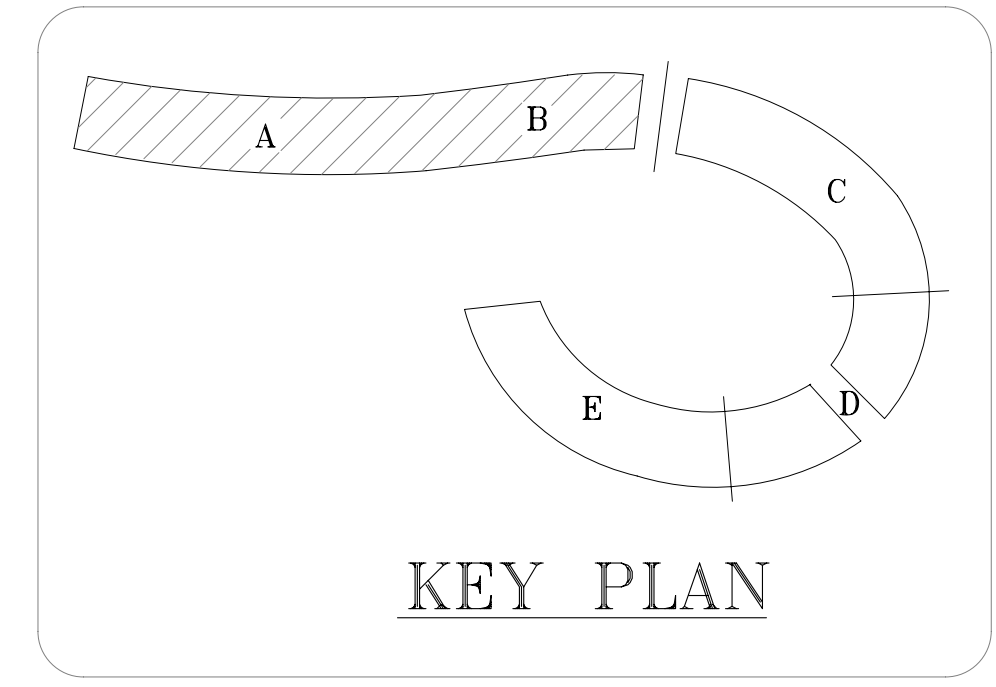
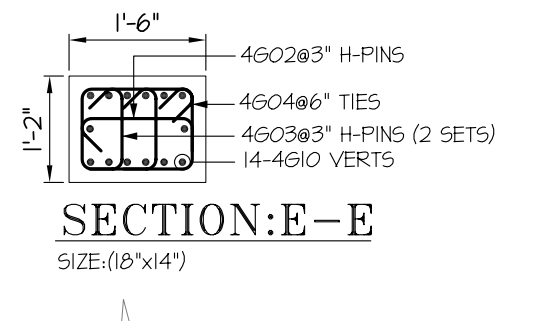
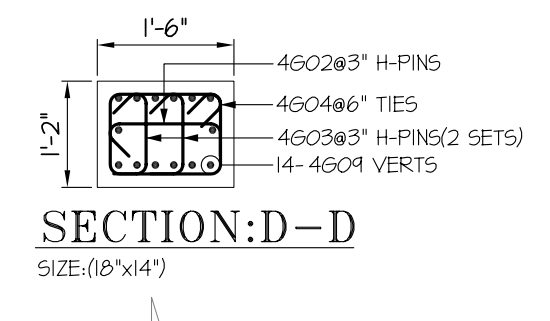
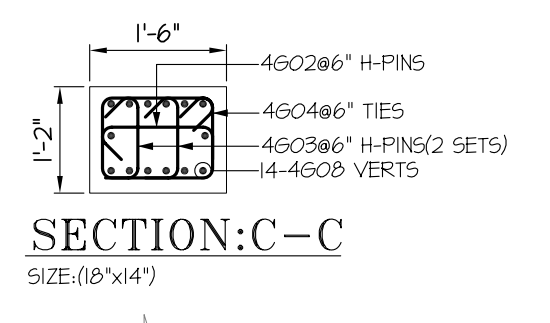
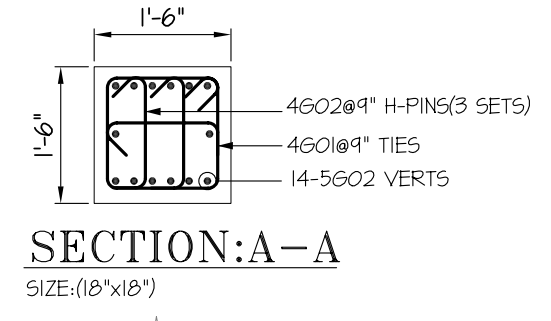
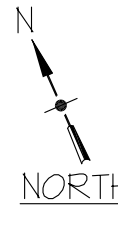




FOUNDATION PLAN A&B
(SHOWING COLUMN MARK DETAILS)
SDR:5 IOI A&B



| CLEAR COVER | | | |
|-------------|-------|-----|-----------|
| ELEMENT | TOP | BOT | SIDES |
| COLUMN | 0'-2" | - | 0'-2" |
| TIES | - | - | 0'-1 1/2" |

ASTM A615 GRADE 60 UNCOATED
REINFORCING STEEL PLACING DRAWING ONLY
USE IN CONJUNCTION WITH CONTRACT DRAWINGS
AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS
SHOWN ON THIS DRAWING ARE FOR DETAILING
PURPOSES ONLY AND ARE NOT TO BE USED FOR
CONSTRUCTION UNLESS VERIFIED BY THE
ENGINEER OR CONTRACTOR

| NO. | DATE | DESCRIPTION | APPROVED |
|-----|------------|-------------|----------|
| 3 | 06/05/2015 | APPROVED | |
| 2 | 06/04/2015 | APPROVED | |
| 1 | 06/03/2015 | APPROVED | |
| 0 | 05/18/2015 | APPROVAL | |

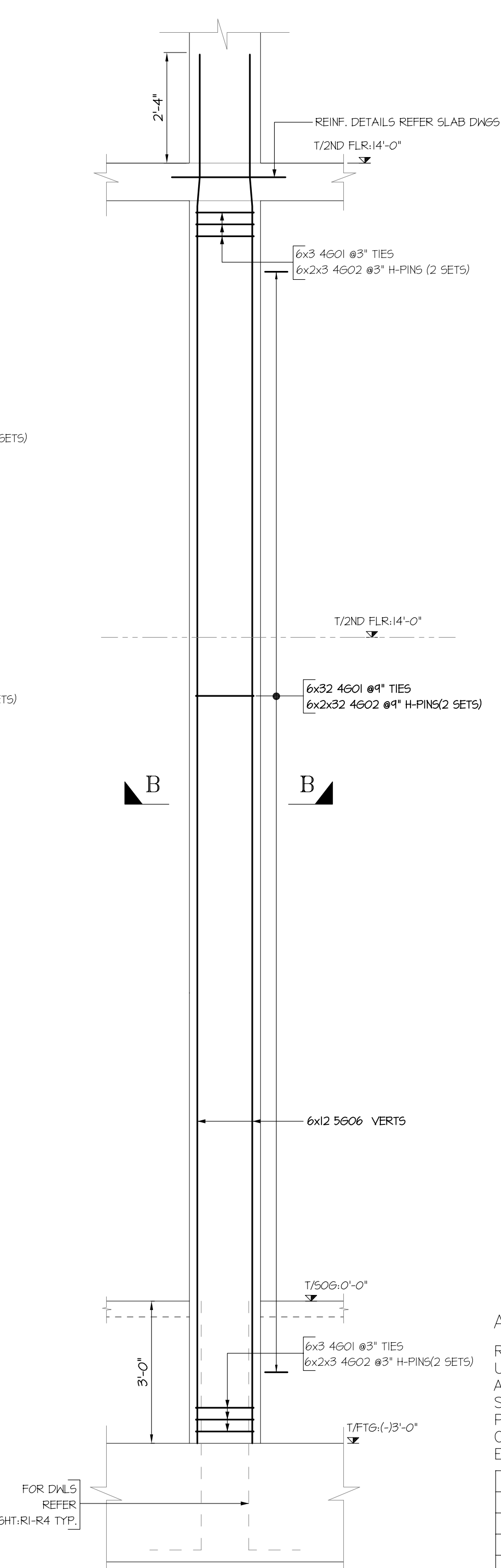
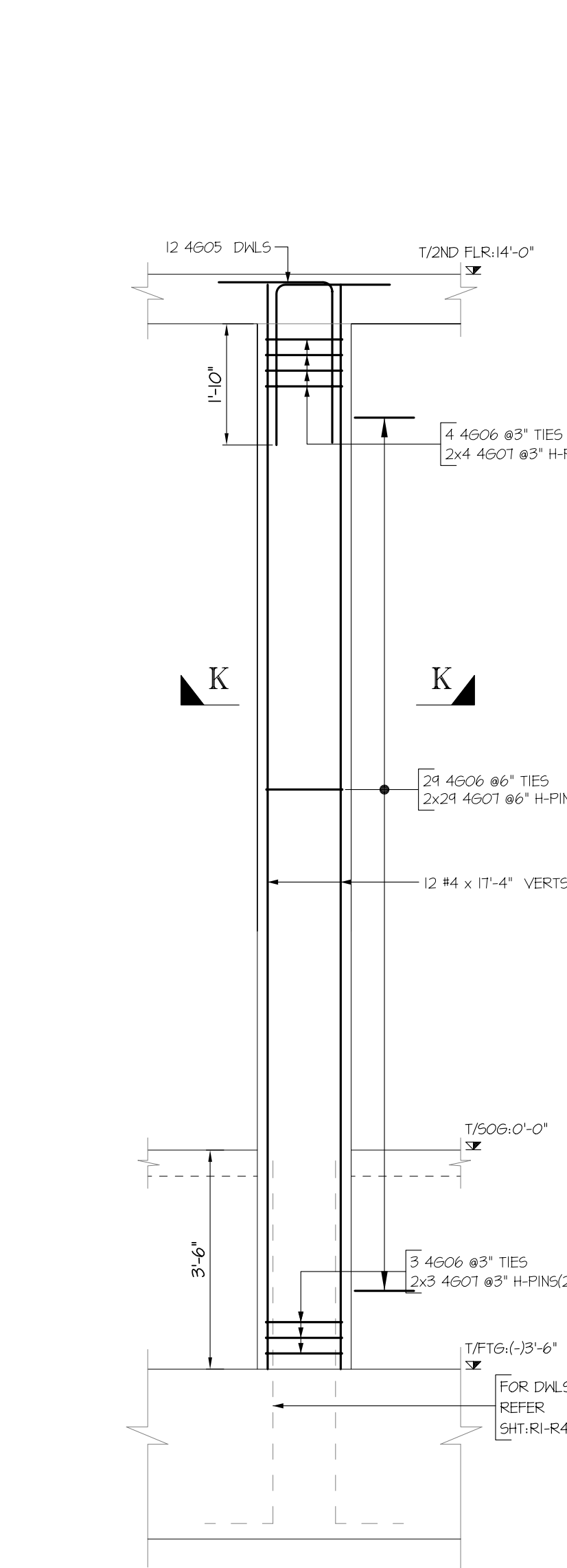
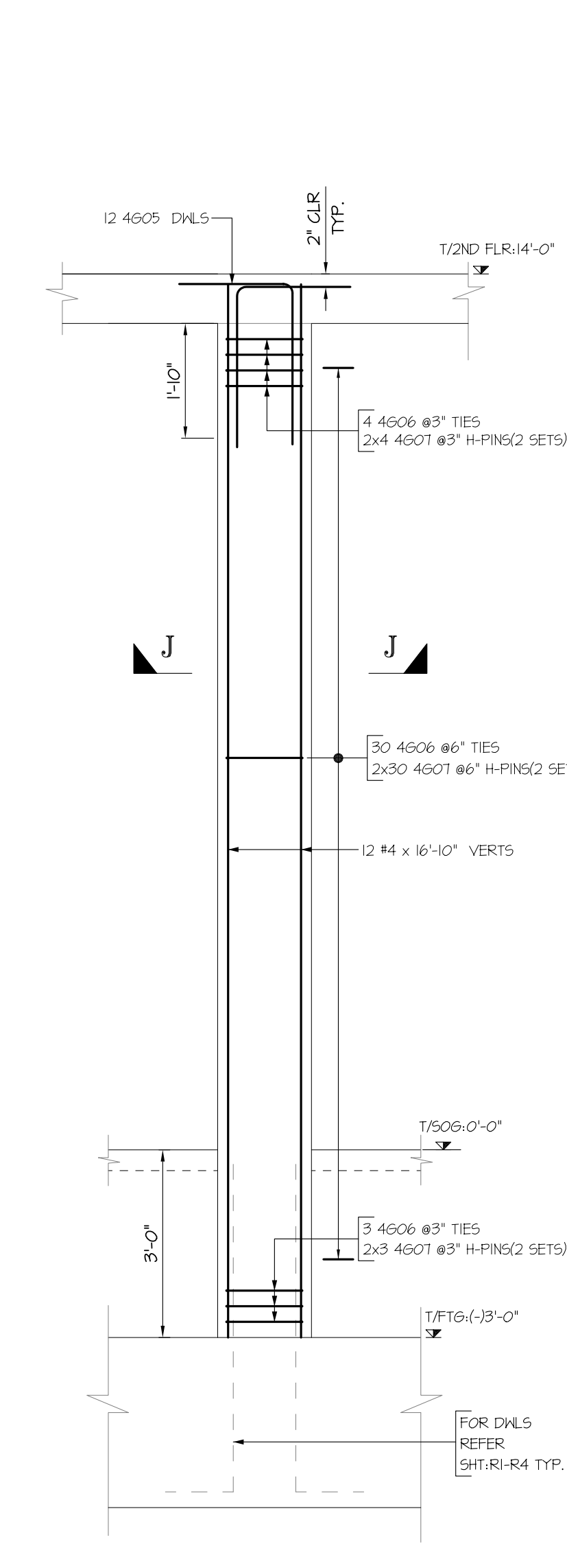
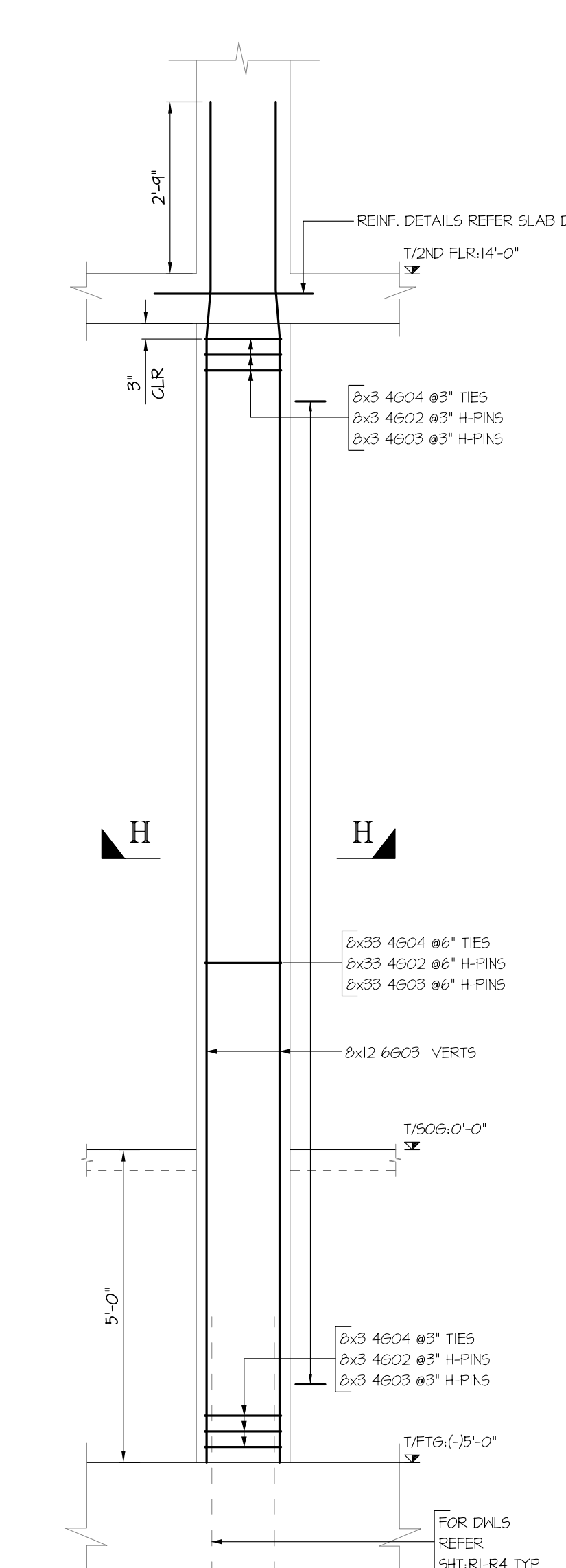
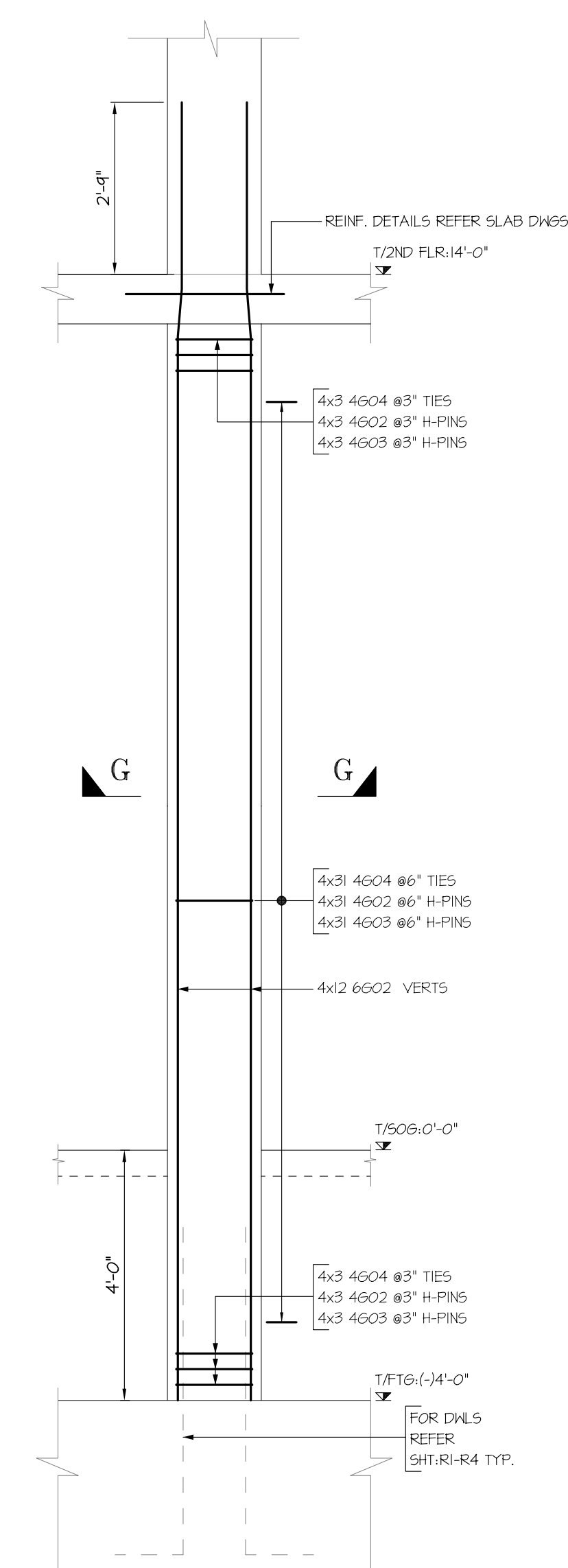
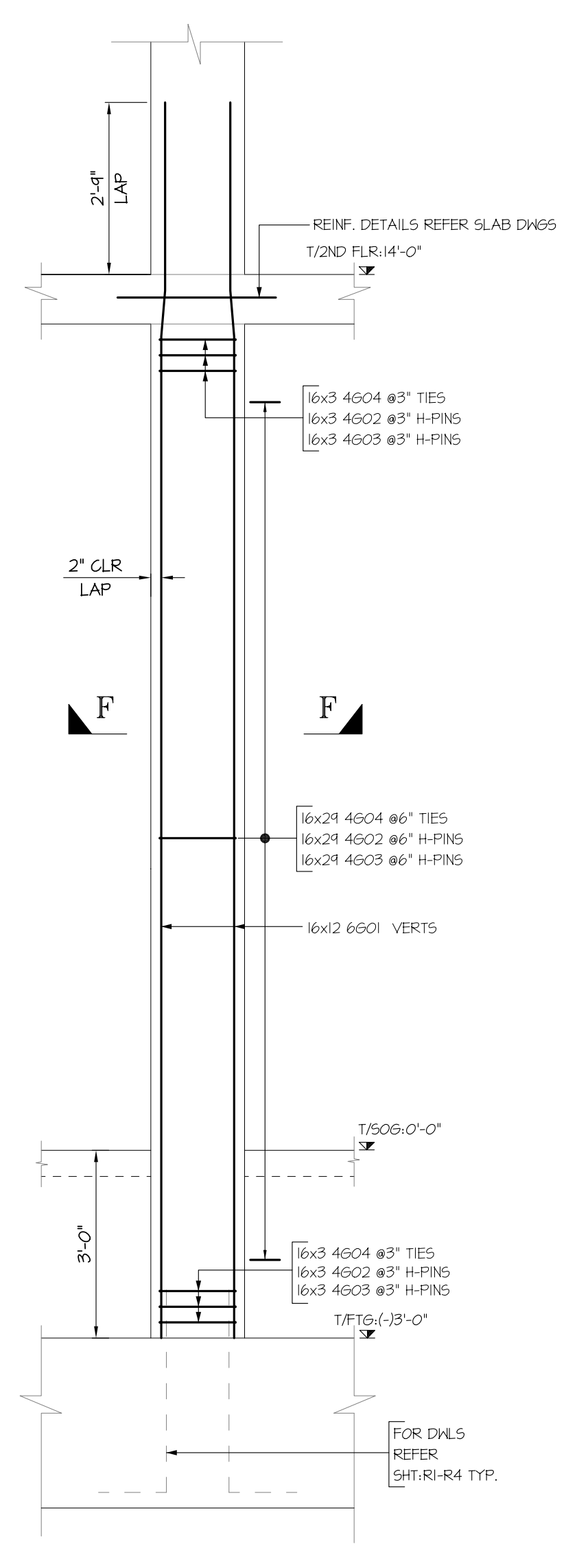
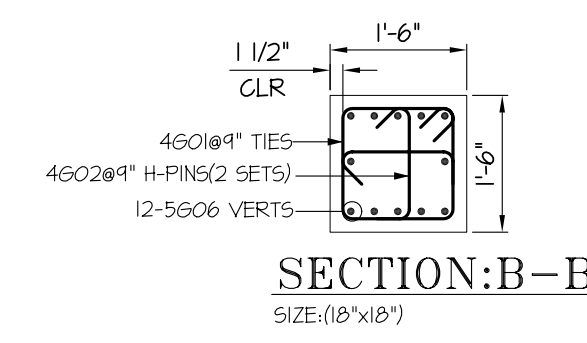
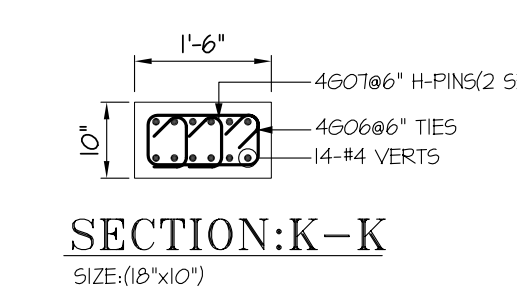
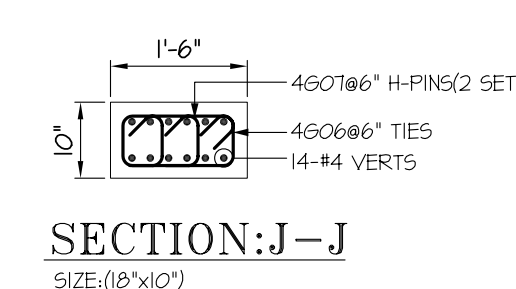
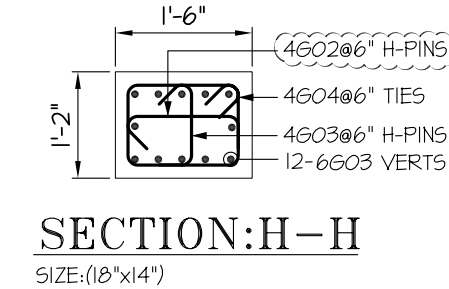
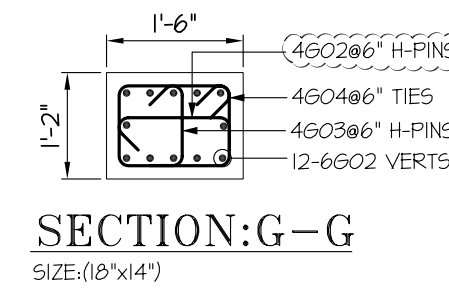
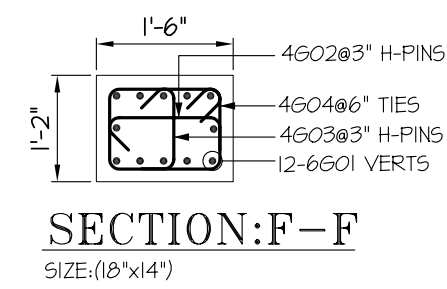
SIMSONA CORPORATION
2215 Research Boulevard, Suite 500, Rockville, MD 20850
Phone: 301-408-8553 Fax: 301-260-0294

| | | | |
|-----------|--|--|------------|
| STRUCTURE | ROWAN UNIVERSITY | CONTRACT NUMBER | |
| LOCATION | 201 MULLICA HILL STREET CLASSBORO, NJ | DRAWING NUMBER | R10 |
| ARCHITECT | ERDY MCHENRY ARCHITECTURE | DRAWING COVERS | |
| ENGINEER | ENVIRONETICS ONE PENN CENTER | DRAWING NUMBER | |
| CUSTOMER | | | |
| MADE BY | ST | DATE | 05/18/2015 |
| REV# | DATE | DESCRIPTION | |
| 0 | 05/18/2015 | FOR APPROVAL | |
| 1 | 06/03/2015 | APPROVED/REV. AS PER LATEST DWGS & A/E COMMENTS | |
| 2 | 06/04/2015 | APPROVED/REVISED C13-COLUMN REINF. | |
| 3 | 06/05/2015 | APPROVED/REVISED COL-C2,C11,C12&C13 AT G.L-Y1 TO Z/G2 TO G12 | |

PLEASE CONFIRM LAP TABLE

| BAR SIZE | TOP | OTHERS |
|----------|------|--------|
| #3 | 22" | 17" |
| #4 | 29" | 22" |
| #5 | 36" | 28" |
| #6 | 43" | 33" |
| #7 | 63" | 49" |
| #8 | 72" | 55" |
| #9 | 81" | 63" |
| #10 | 91" | 70" |
| #11 | 101" | 78" |

DOCUMENTS DATED: 15-21-2015
THIS PLACING DRAWING WAS PREPARED FROM CONTRACT DOCUMENTS DATED: 04-24-2015



COLUMN C4
REFER SHT. 5202
SIZE: (18"x14")
(6 LOGS)

COLUMN C4-A
REFER SHT. 5202
SIZE: (18"x14")
(4 LOGS)

COLUMN C4-B
REFER SHT. 5202
SIZE: (18"x14")
(6 LOGS)

COLUMN C5
REFER SHT. 5202
SIZE: (18"x10")

COLUMN C5-A
REFER SHT. 5202
SIZE: (18"x10")

COLUMN C2
REFER SHT. 5202
SIZE: (18"x18")
(6 LOGS)

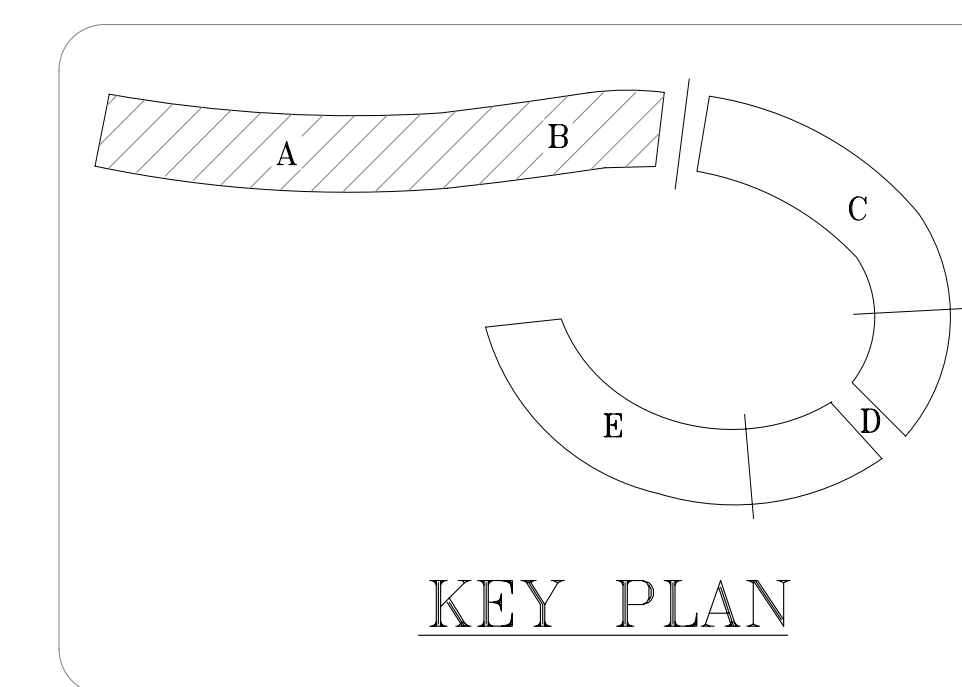
| CLEAR COVER | | | |
|-------------|-------|-----|-----------|
| ELEMENT | TOP | BOT | SIDES |
| COLUMN | 0'-2" | - | 0'-2" |
| TIES | - | - | 0'-1 1/2" |

ASTM A615 GRADE 60 UNCOATED
REINFORCING STEEL PLACING DRAWING ONLY
USE IN CONJUNCTION WITH CONTRACT DRAWINGS
AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS
SHOWN ON THIS DRAWING ARE FOR DETAILING
PURPOSES ONLY AND ARE NOT TO BE USED FOR
CONSTRUCTION UNLESS VERIFIED BY THE
ENGINEER OR CONTRACTOR

| NO. | DATE | DESCRIPTION | APPROVED |
|-----|------------|-------------|----------|
| 3 | 06/05/2015 | APPROVED | |
| 2 | 06/04/2015 | APPROVED | |
| 1 | 06/03/2015 | APPROVED | |
| 0 | 05/18/2015 | APPROVAL | |

SIMSONA CORPORATION
2275 Research Boulevard, Suite 500, Rockville, MD 20850
Phone: 301-408-8553 Fax: 301-260-0294

| | |
|-----------------|--|
| STRUCTURE | ROWAN UNIVERSITY |
| LOCATION | 201 MULLICA HILL STREET GLASSBORO, NJ |
| ARCHITECT | ERDY MCHENRY ARCHITECTURE |
| ENGINEER | ENVIRONETICS ONE PENN CENTER |
| CUSTOMER | |
| MADE BY | ST _____ DATE 05/18/2015 |
| CONTRACT NUMBER | |
| DRAWING COVERS | |
| DRAWING NUMBER | R11 |

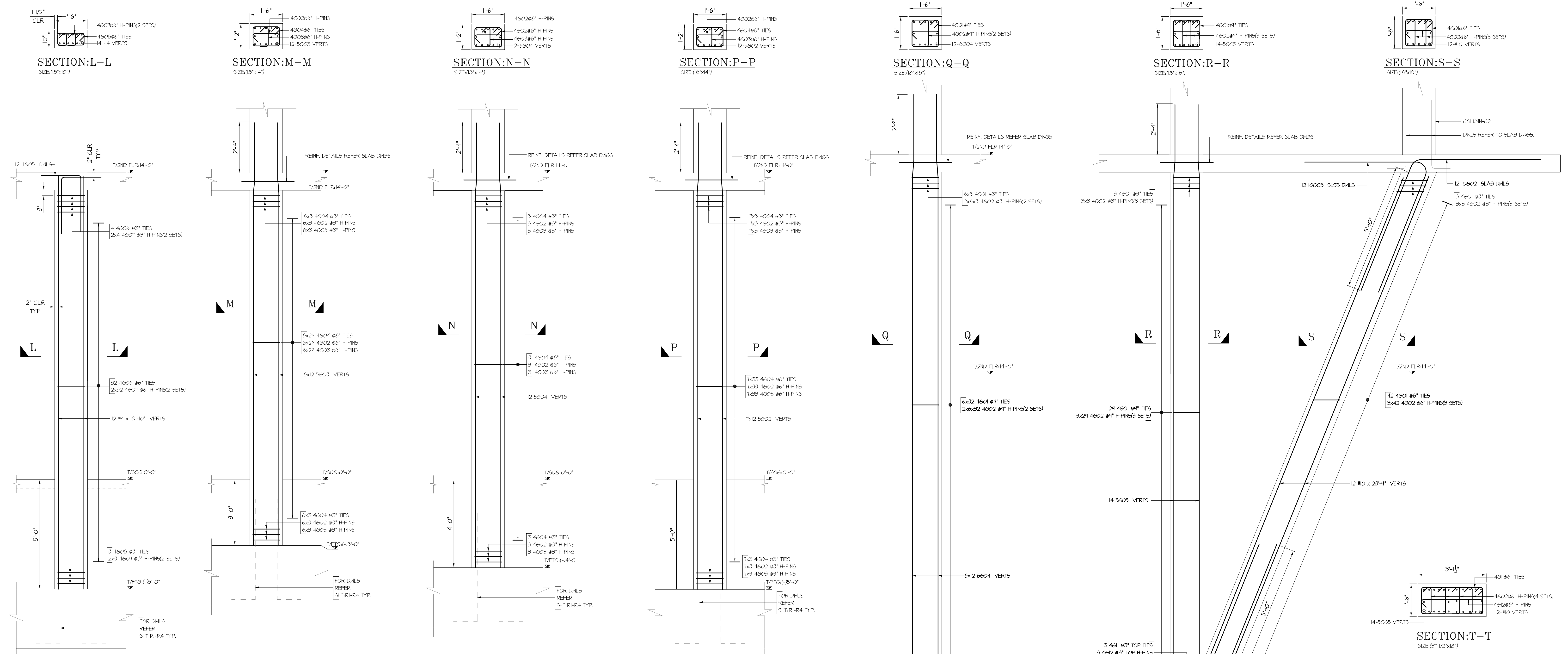


PLEASE CONFIRM LAP TABLE

| LAP TABLE - ACI CLASS B-5000 PSI | | |
|----------------------------------|------|--------|
| BAR SIZE | TOP | OTHERS |
| #3 | 22" | 17" |
| #4 | 29" | 22" |
| #5 | 36" | 28" |
| #6 | 43" | 33" |
| #7 | 63" | 49" |
| #8 | 72" | 55" |
| #9 | 81" | 63" |
| #10 | 91" | 70" |
| #11 | 101" | 78" |

| REV# | DATE | DESCRIPTION |
|------|------------|--|
| 3 | 06/05/2015 | APPROVED/REVISED COL-C2,C11,C12&C13 AT G.L-Y1 TO Z/G2 TO G12 |
| 2 | 06/04/2015 | APPROVED/REVISED C13-COLUMN REINF. |
| 1 | 06/03/2015 | APPROVED/REV. AS PER LATEST DWGS & A/E COMMENTS |
| 0 | 05/18/2015 | FOR APPROVAL |

DOCUMENTS DATED: 15-21-2015
THIS PLACING DRAWING WAS PREPARED FROM CONTRACT DOCUMENTS DATED: 04-24-2015



COLUMN C5-B
REFER SHT. 5202
SIZE: (10"x10")

COLUMN-C6
REFER SHT. 5202
SIZE: (10"x14")
(6 LGS)

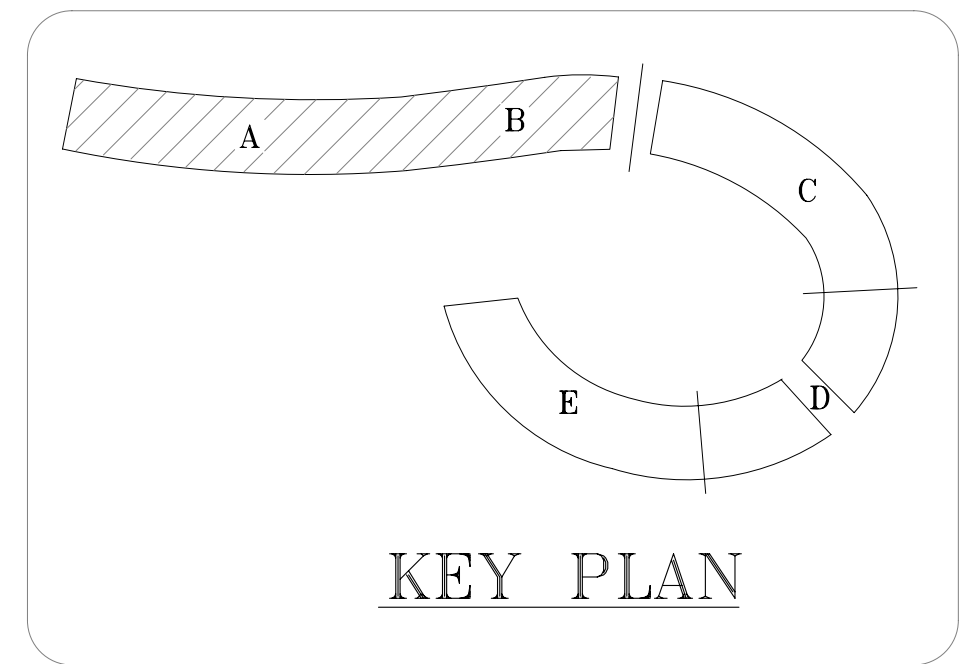
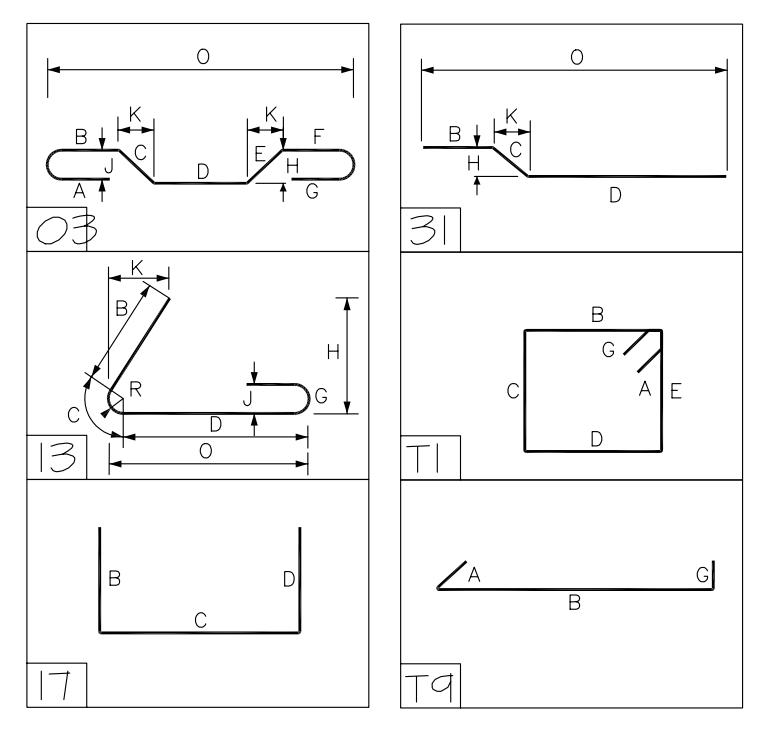
COLUMN C6-A
REFER SHT. 5202
SIZE: (10"x14")

COLUMN C6-B
REFER SHT. 5202
SIZE: (10"x14")
(7 LGS)

COLUMN-C11
REFER SHT. 5202
SIZE: (10"x10")
(6 LGS)

COLUMN-C12&C13
REFER SHT. 5202
SIZE: (10"x10")

| Release Code: AREA A&B-COLUMNS | | BENDING DETAILS | | | | | | | | | | | | | | | |
|--------------------------------|------|-----------------|--------------|------|--------|---------|--------|-----------|-----|--------|-----|-----|-----|-----|-----|-----|-----|
| Bar Mark | Qty | Size | Total length | Type | A' | B' | C' | D' | E' | F' | G' | H' | I' | J' | K' | L' | M' |
| 4G01 | 558 | #4 | 5'9" | T1 | 4 1/2" | 13" | 13" | 13" | 13" | 13" | 13" | 13" | 13" | 13" | 13" | 13" | 13" |
| 4G02 | 3494 | #4 | 2'0" | T9 | 4 1/2" | 13" | | | | | | | | | | | |
| 4G03 | 2914 | #4 | 18" | T9 | 4 1/2" | 11" | | | | | | | | | | | |
| 4G04 | 2227 | #4 | 5'1" | T1 | 4 1/2" | 13" | 11" | 13" | 11" | | | | | | | | |
| 4G05 | 36 | #4 | 4'5" | T7 | | 110" | 27" | | | | | | | | | | |
| 4G06 | 102 | #4 | 4'5" | T1 | 4 1/2" | 13" | 7" | 13" | 7" | | | | | | | | |
| 4G07 | 224 | #4 | 14" | T9 | 4 1/2" | 7" | | | | | | | | | | | |
| 4G08 | 168 | #4 | 18'10" | T1 | | 21" | 6" | 16'3" | | | | | | | | | |
| 4G09 | 42 | #4 | 19'10" | T1 | | 21" | 6" | 17'3" | | | | | | | | | |
| 4G10 | 56 | #4 | 20'10" | T1 | | 21" | 6" | 18'3" | | | | | | | | | |
| 4G11 | 10 | #4 | 8'11" | T1 | 4 1/2" | 2'10" | 13" | 2'10" | 13" | | | | | | | | |
| 4G12 | 10 | #4 | 3'7" | T9 | 4 1/2" | 2'10" | | | | | | | | | | | |
| 5G01 | 3 | #5 | 5'11" | T1 | 5 1/2" | 13" | 13" | 13" | 13" | 5 1/2" | | | | | | | |
| 5G02 | 98 | #5 | 213 1/2" | T1 | | 27" | 7 1/2" | 18'1" | | | | | | | | | |
| 5G03 | 72 | #5 | 193 1/2" | T1 | | 27" | 7 1/2" | 16'11" | | | | | | | | | |
| 5G04 | 12 | #5 | 203 1/2" | T1 | | 27" | 7 1/2" | 20'3 1/2" | | | | | | | | | |
| 5G05 | 14 | #5 | 293 1/2" | T1 | | 27" | 7 1/2" | 26'1" | | | | | | | | | |
| 5G06 | 72 | #5 | 293 1/2" | T1 | | 27" | 7 1/2" | 26'1" | | | | | | | | | |
| 6G01 | 192 | #6 | 19'9" | T1 | 1 1/2" | 9" | 16'0" | | | | | | | | | | |
| 6G02 | 48 | #6 | 20'9" | T1 | 3'0" | 9" | 17'0" | | | | | | | | | | |
| 6G03 | 96 | #6 | 21'9" | T1 | 3'0" | 9" | 18'0" | | | | | | | | | | |
| 6G04 | 72 | #6 | 29'9" | T1 | 3'0" | 9" | 26'0" | | | | | | | | | | |
| 10G01 | 12 | #10 | 9'8" | T3 | 5'10" | 3'10" | | | | | | | | | | | |
| 10G02 | 12 | #10 | 12'4" | T3 | 6'6" | 5'10" | | | | | | | | | | | |
| 10G03 | 12 | #10 | 11'10 1/2" | T3 | 5'10" | 10 1/2" | 5'2" | | | | | | | | | | |



COLUMN-C11
REFER SHT. 5202
SIZE: (10"x10")
(6 LGS)

COLUMN-C12&C13
REFER SHT. 5202
SIZE: (10"x10")

PLEASE CONFIRM LAP TABLE

| LAP TABLE - ACI CLASS B-5000 PSI | | |
|----------------------------------|------|--------|
| BAR SIZE | TOP | OTHERS |
| #3 | 22" | 17" |
| #4 | 29" | 22" |
| #5 | 36" | 28" |
| #6 | 43" | 33" |
| #7 | 63" | 49" |
| #8 | 72" | 55" |
| #9 | 81" | 63" |
| #10 | 91" | 70" |
| #11 | 101" | 78" |

| CLEAR COVER | | | |
|-------------|-------|-----|-----------|
| ELEMENT | TOP | BOT | SIDES |
| COLUMN | 0'-2" | - | 0'-2" |
| TIES | - | - | 0'-1 1/2" |

| REV# | DATE | DESCRIPTION |
|------|------------|---|
| 3 | 06/05/2015 | APPROVED/REVISED COL-C2,C11,C12&C13 AT G.L.-Y1 TO Z/G2 TO G12 |
| 2 | 06/04/2015 | APPROVED/REVISED C13-COLUMN REINF. |
| 1 | 06/03/2015 | APPROVED/REV. AS PER LATEST DWGS & A/E COMMENTS |
| 0 | 05/18/2015 | FOR APPROVAL |

ASTM A615 GRADE 60 UNCOATED
REINFORCING STEEL PLACING DRAWING ONLY
USE IN CONJUNCTION WITH CONTRACT DRAWINGS
AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS
SHOWN ON THIS DRAWING ARE FOR DETAILING
PURPOSES ONLY AND ARE NOT TO BE USED FOR
CONSTRUCTION UNLESS VERIFIED BY THE
ENGINEER OR CONTRACTOR

| DATE | APPROVAL | SENT FOR |
|------------|----------|----------|
| 06/05/2015 | APPROVED | |
| 06/04/2015 | APPROVED | |
| 06/03/2015 | APPROVED | |
| 05/18/2015 | APPROVAL | |

SIMSONA CORPORATION
2215 Research Boulevard, Suite 500, Rockville, MD 20850
Phone: 301-408-8553 Fax: 301-260-0234

STRUCTURE: **ROWAN UNIVERSITY**

LOCATION: **201 MULLICA HILL STREET CLASSBORO, NJ**

ARCHITECT: **ERDY MCHENRY ARCHITECTURE**

CUSTOMER: **ENVIRONETICS ONE PENN CENTER**

MADE BY: **ST** DATE: **05/18/2015** CONTRACT NUMBER: _____

DRAWING COVER: _____ DRAWING NUMBER: **R12**

COLUMNS(T/FTG TO 2ND FLOOR)
AREA-A & B