

SECTION 1
REF: S1.11 (DT.06/08/22)
SCALE: 1/2" = 1'-0"



AREA KEY PLAN
REF: S1.01 (DT.06/08/22)
SCALE: 1/2" = 1'-0"

LAP SCHEDULE

3000 PSI (CLASS-B) CASE - 1
Per ACI 318 (12.2.2)

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

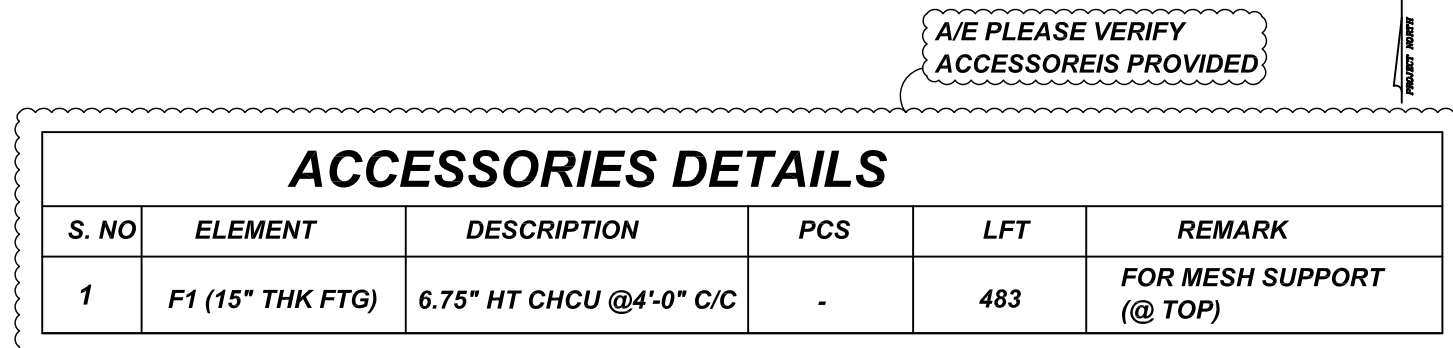
ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

| TYPICAL REINFORCING BAR CLEARANCE TABLE | |
|---|------------|
| LOCATION | MIN. COVER |
| FOOTING (ALL SIDES) | 3" CLR |

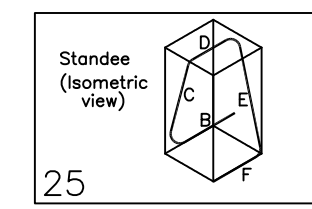
| PAD FOOTING SCHEDULE | | | | | |
|----------------------|-----|---------------------|--|--|-----------|
| MARK | QTY | SIZE | GRID LOCATION | REINFORCING | REMARK |
| F1 | 21 | 6'-3"x6'-3"x1'-3" | 3/C, 3/D, 3/E, 4/C, 4/D, 4/E 5/C, 5/D, 5/E, 6/C, 6/D, 6/E 7/C, 7/D, 7/E, 8/C, 8/D, 8/E 10/C, 10/D, 10/E | 21x2x7 #5 X 5'-9" B EW 21x2x7 #4 X 5'-9" T EW (FOR SUPPORT DETAILS REFER TO ACCESSORIES TABLE) | SECTION-1 |
| F2 | 19 | 6'-9"x6'-9"x1'-6" | 2/B, 2/C, 2/D, 2/E, 2/F, 3/B 3/F, 4/B, 4/F, 5/B, 5/F, 6/B 6/F, 7/B, 7/F, 8/B, 8/F, 10/B, 10/F | 19x2x8 #5 X 6'-3" B EW 19x2x8 #5 X 6'-3" T EW 19x4 #4 4A01 @48" STANDEES | SECTION-1 |
| F3 | 5 | 6'-0"x6'-0"x1'-6" | 1/B, 1/C, 1/D, 1/E, 1/F | 5x2x8 #5 X 5'-6" B EW 5x2x8 #5 X 5'-6" T EW 5x4 #4 4A01 @48" STANDEES | SECTION-1 |
| F4 | 5 | 14'-0"x14'-0"x3'-0" | 9/B, 9/C, 9/D, 9/E, 9/F | 5x2x25 #6 X 13'-6" B EW 5x2x25 #6 X 13'-6" T EW 5x6 #5 5A01 @48" STANDEES | SECTION-1 |
| F5 | 2 | 7'-3"x7'-3"x1'-6" | 1/A, 1/A-B | 2x2x10 #5 X 6'-9" B EW 2x2x9 #5 X 6'-9" T EW 2x4 #4 4A01 @48" STANDEES | SECTION-1 |
| F6 | 8 | 5'-0"x5'-0"x1'-6" | AT CANOPY AREA | 8x2x7 #5 X 4'-6" B EW 8x2x5 #4 X 4'-6" T EW 8x4 #4 4A02 @48" STANDEES | SECTION-1 |

AREA - A PAD FOOTING REINFORCEMENT DETAILS

REF: S1.01 (DT.06/08/22)
SCALE: 1/20" = 1'-0"



| BENDING DETAILS | | | | | | | | | | | |
|-----------------|-----|------|--------------|------|-------|--------|-------|--------|-------|--------|--------|
| Bar Mark | Qty | Size | Total Length | Type | X | Y | Z | W | V | U | T |
| 4A01 | 104 | #4 | 5'-3 X | 25 | 1'-6" | 0'-9 X | 0'-8" | 0'-9 X | 1'-6" | 0'-9 X | 0'-4 X |
| 4A02 | 32 | #4 | 5'-4" | 25 | 1'-6" | 0'-10" | 0'-8" | 0'-10" | 1'-6" | 0'-9 X | 0'-4 X |
| 5A01 | 30 | #5 | 8'-3 X | 25 | 1'-6" | 2'-3 X | 0'-8" | 2'-3 X | 1'-6" | 2'-3" | 1'-1 X |



FOR APPROVAL

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

| | | | |
|---------------|---|--------------|------------|
| GRADE | A615/60(UNO) | | |
| PREFIX | A | | |
| BAR LIST NOS. | | | |
| REV | DESCRIPTION | ISSUED DATE | ISSUED FOR |
| 0 | IFA | 09/26/2022 | APPROVAL |
| STRUCTURE | AREA-A PAD FOOTING REINFORCEMENT DETAILS | | |
| FLOOR | FOUNDATION | | |
| JOB NO | - | | |
| CUSTOMER | CONCRETE STRAGIES | | |
| JOB | THE CUBES AT MESA - BLDG A | | |
| LOCATION | E PECOS RD & S CRISMON RD, MESA, AZ 85212 | | |
| DRAWN | DATE | CONTROL CODE | DWG. NO. |
| MRS | 09/26/2022 | - | R01 |