













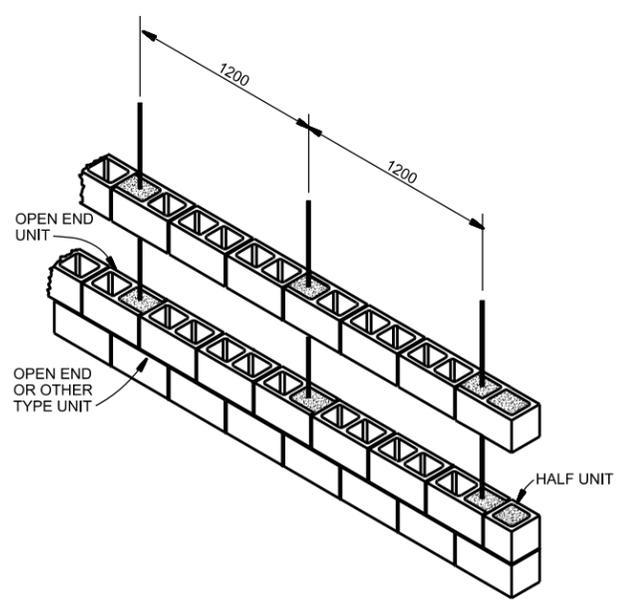
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| DATE            | REV.        |
| DESIGN FILE NO. | DESIGN      |
| DRAWING CODE    | DRAWING     |
| FILE NAME       | FILE        |
| PLOT SCALE      | PLOT        |
| CONTRACT NO.    | CONTRACT    |
| DESCRIPTION     | DESCRIPTION |
| STAMP           | STAMP       |

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|               | CONTRACT NO.    | DESCRIPTION |

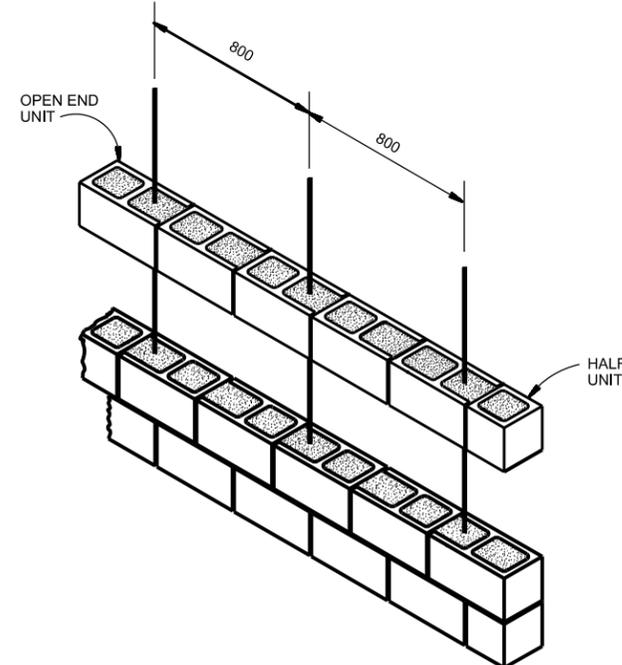
US Army Corps of Engineers  
Afghanistan Engineer District

A BOX FOR BUSINESSES  
CARPET CUT AND WASH  
STRUCTURAL  
STANDARD DETAILS

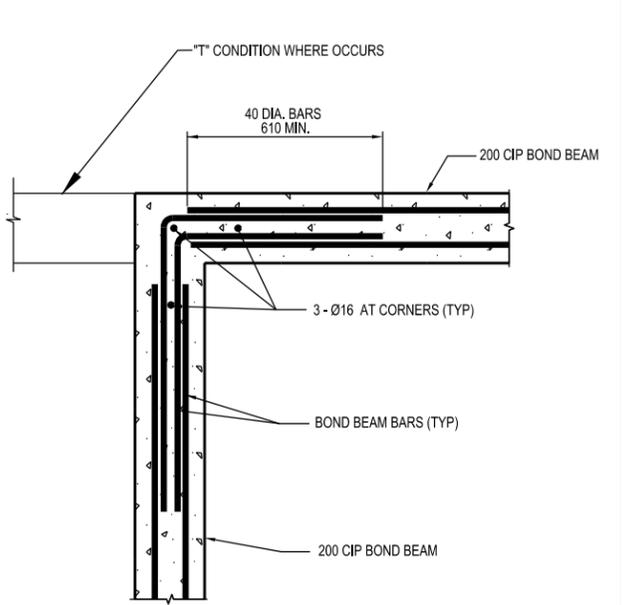
SHEET  
REFERENCE  
NUMBER:  
**S-002**



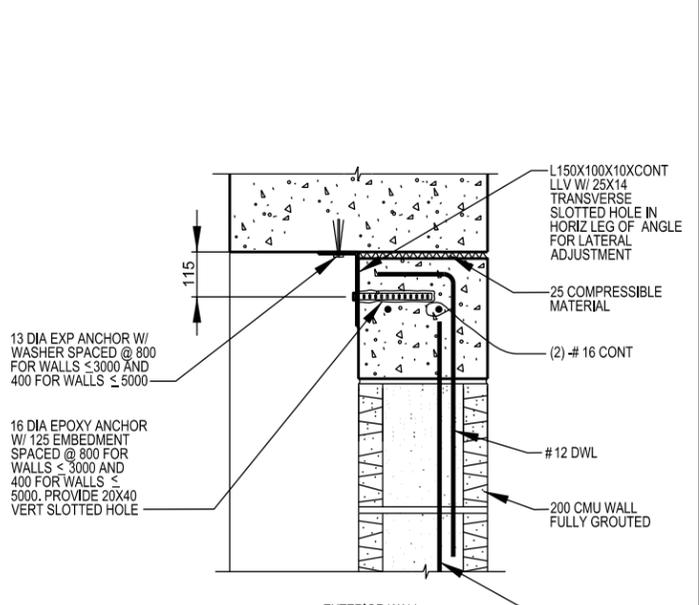
**PARTIALLY GROUTED CMU**  
**1200 REINFORCEMENT SPACING**  
**ALL INTERIOR WALLS**  
N.T.S.



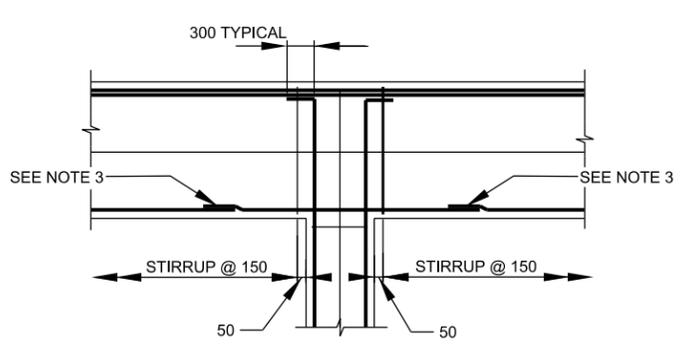
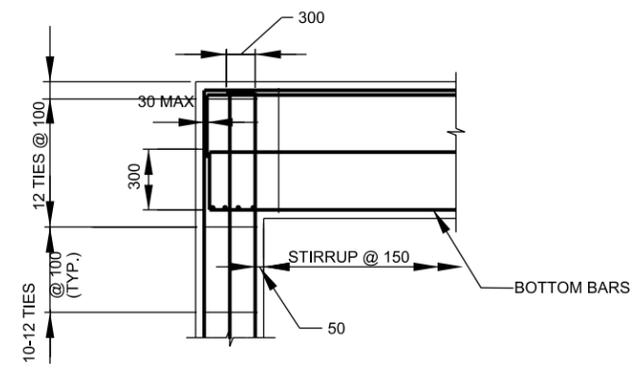
**FULLY GROUTED CMU**  
**800 REINFORCEMENT SPACING**  
**ALL EXTERIOR WALLS**  
N.T.S.



NOTE: PROVIDE SIMILAR CORNER BARS AT "T" CONDITION  
**TYP. CMU CORNER REINFORCEMENT**  
**(BOND BEAM)**  
N.T.S.



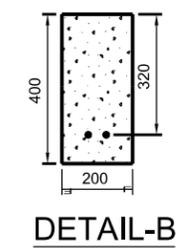
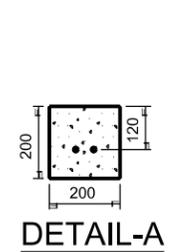
**TOP OF CMU WALL BRACING DETAILS**  
N.T.S.



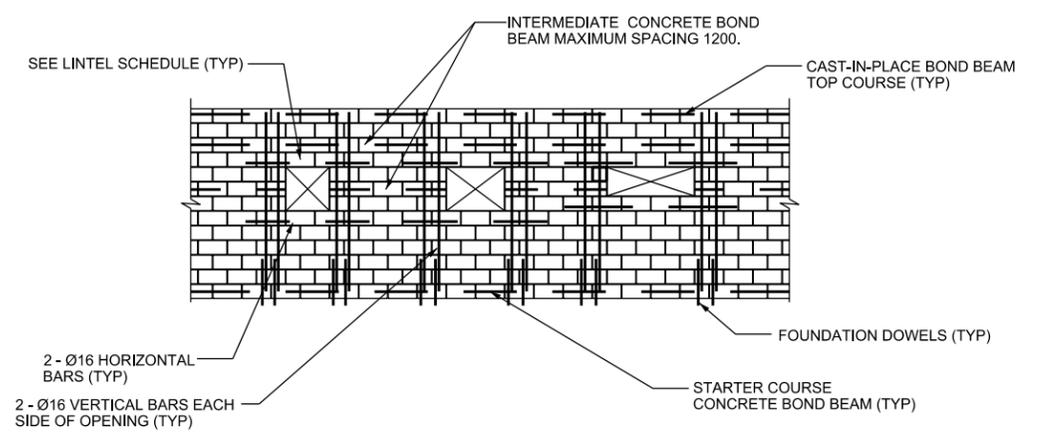
**1 S-201 STANDARD BEAM AND COLUMN DETAIL**  
N.T.S.

- NOTES:**
1. ALL LAP SPLICES IN BEAMS AND COLUMNS SHALL BE CLASS B SPLICES.
  2. PROVIDE A 150 MAXIMUM OF STIRRUP SPACING AT LAP SPLICES AS SHOWN ON THE DRAWING. ALL SPLICES NOTED SHALL OCCUR AT MIDSPAN. REFER TO INDIVIDUAL BEAM DETAILS FOR STIRRUP SPACING.
  3. THE LAP SPLICES SHOWN SHALL BE PERMITTED IN SPANS MEASURING 6 METERS OR MORE FROM CENTERLINES OF SUPPORTS (COLUMNS OR WALLS) ONLY. SPLICES INDICATED SHALL BE LOCATED ONE METER FROM THE FACE OF THE COLUMN, AS SHOWN.

| CAST-IN-PLACE LINTEL SCHEDULE |              |              |        |
|-------------------------------|--------------|--------------|--------|
| OPENING WIDTH                 | NOMINAL SIZE | REBAR BOTTOM | DETAIL |
| 0-1800                        | 200X200      | 2- 13 Ø      | A      |
| 1800-2000                     | 200X200      | 2- 16 Ø      | A      |
| 2000-2200                     | 200X200      | 2- 19 Ø      | A      |
| 2200-4000                     | 200X400      | 2- 13 Ø      | B      |
| 4000-4400                     | 200X400      | 2- 16 Ø      | B      |
| 4400-4600                     | 200X400      | 2- 19 Ø      | B      |

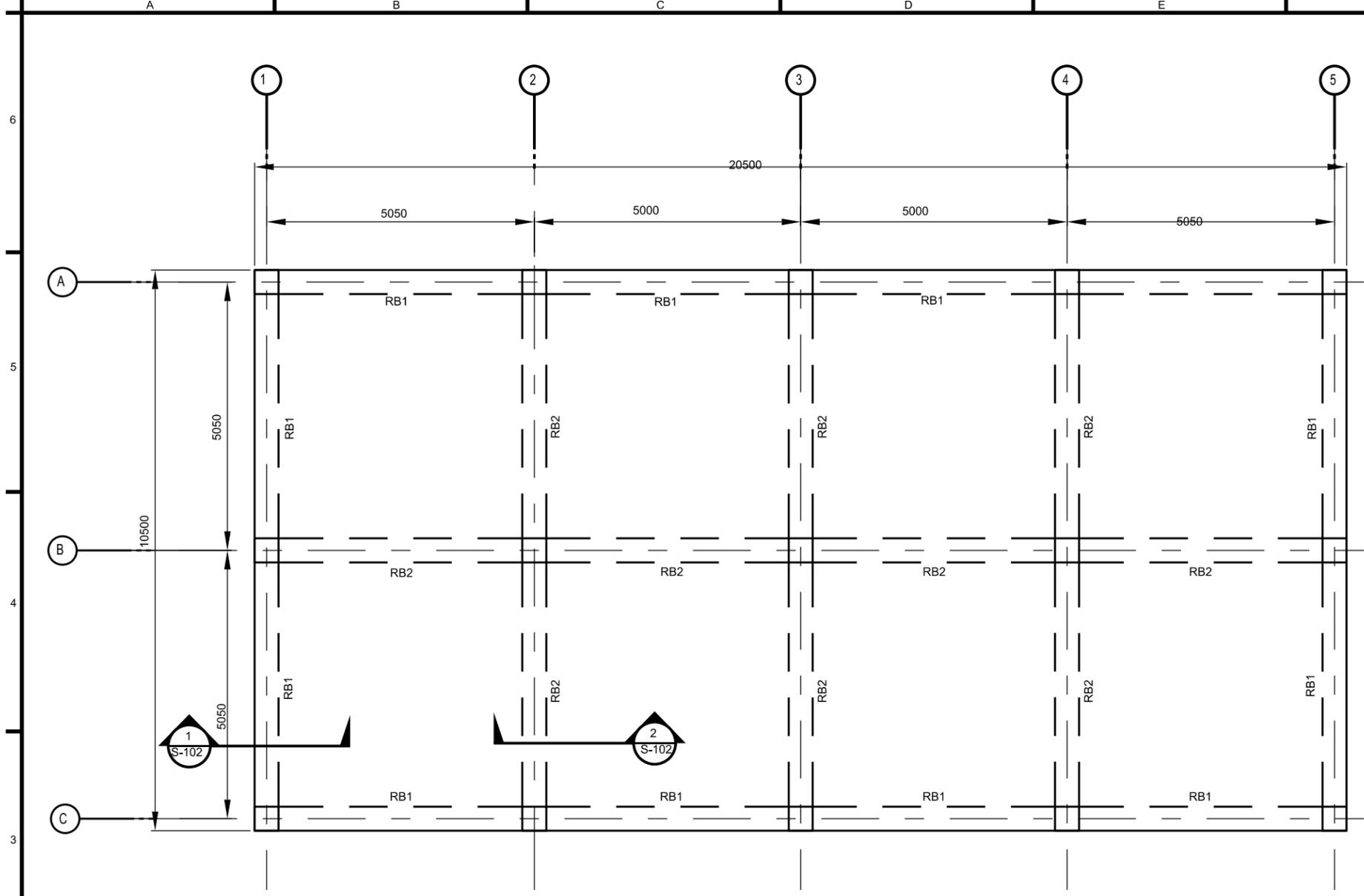


- NOTES:**
1. IN ADDITION TO THE VERTICAL REINFORCEMENT IDENTIFIED FOR PLACEMENT IN INTERIOR AND EXTERIOR WALLS, PROVIDE 1 - Ø16 REBAR ADJACENT TO SIDES OF WALL OPENINGS GREATER THAN ONE METER AND AT ABRUPT CHANGES IN WALL HEIGHT.
  2. EXTEND REBAR FOR THE LINTEL A MINIMUM OF 600 BEYOND THE FACE OF OPENING.



**TYPICAL EXTERIOR CMU WALL REINF DETAIL**  
N.T.S.  
REINFORCEMENT AROUND WALL OPENINGS



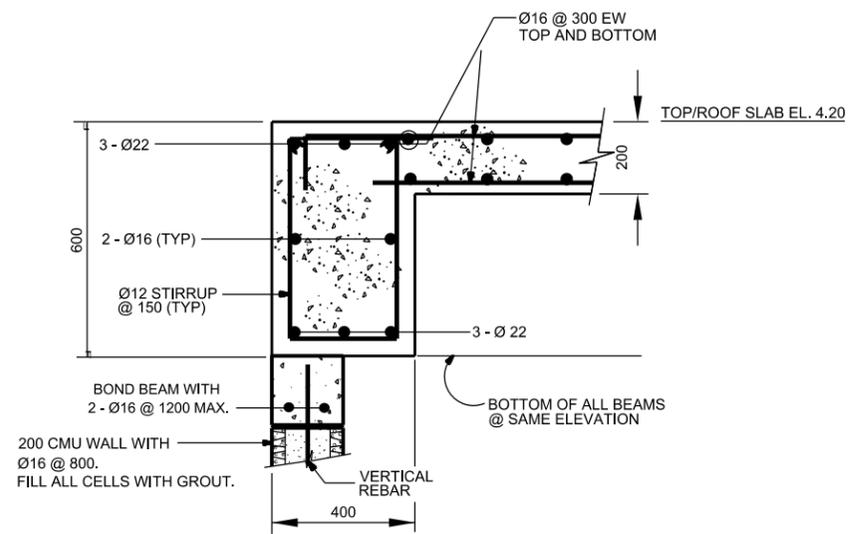


1 ROOF SLAB FRAMING PLAN  
SCALE = 1:50

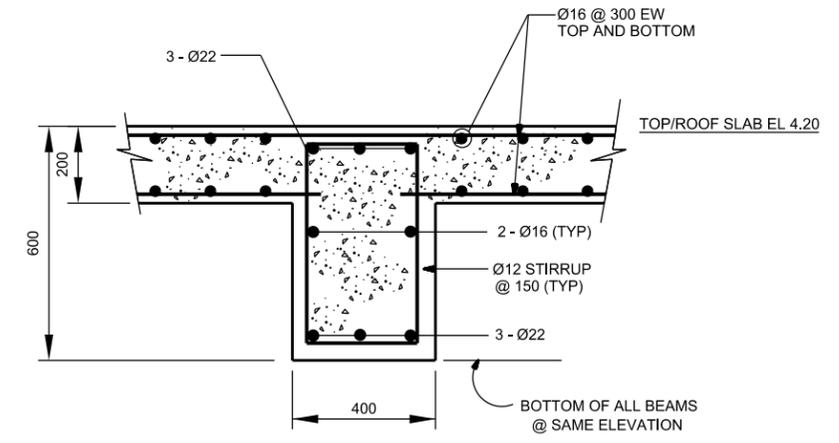
**NOTES:**

1. ROOF SLAB IS 200 THICK CONCRETE SLAB WITH TWO LAYERS Ø16 @ 300 EW, TOP AND BOTTOM.

**GRAPHIC SCALE**



1 RB1 SECTION  
S-102 N.T.S.



2 RB2 SECTION  
S-102 N.T.S.



US ARMY CORPS OF ENGINEERS  
AFGHANISTAN  
ENGINEER DISTRICT

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|               | CONTRACT NO. xxxxxx |             |
|               | SYMBOL              | DESCRIPTION |
|               |                     | DATE        |

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US Army Corps of Engineers  
Afghanistan Engineer District

A BOX FOR BUSINESSES  
CARPET CUT AND WASH  
ROOF SLAB FRAMING  
PLAN AND SECTIONS

SHEET REFERENCE NUMBER:  
**S-102**













