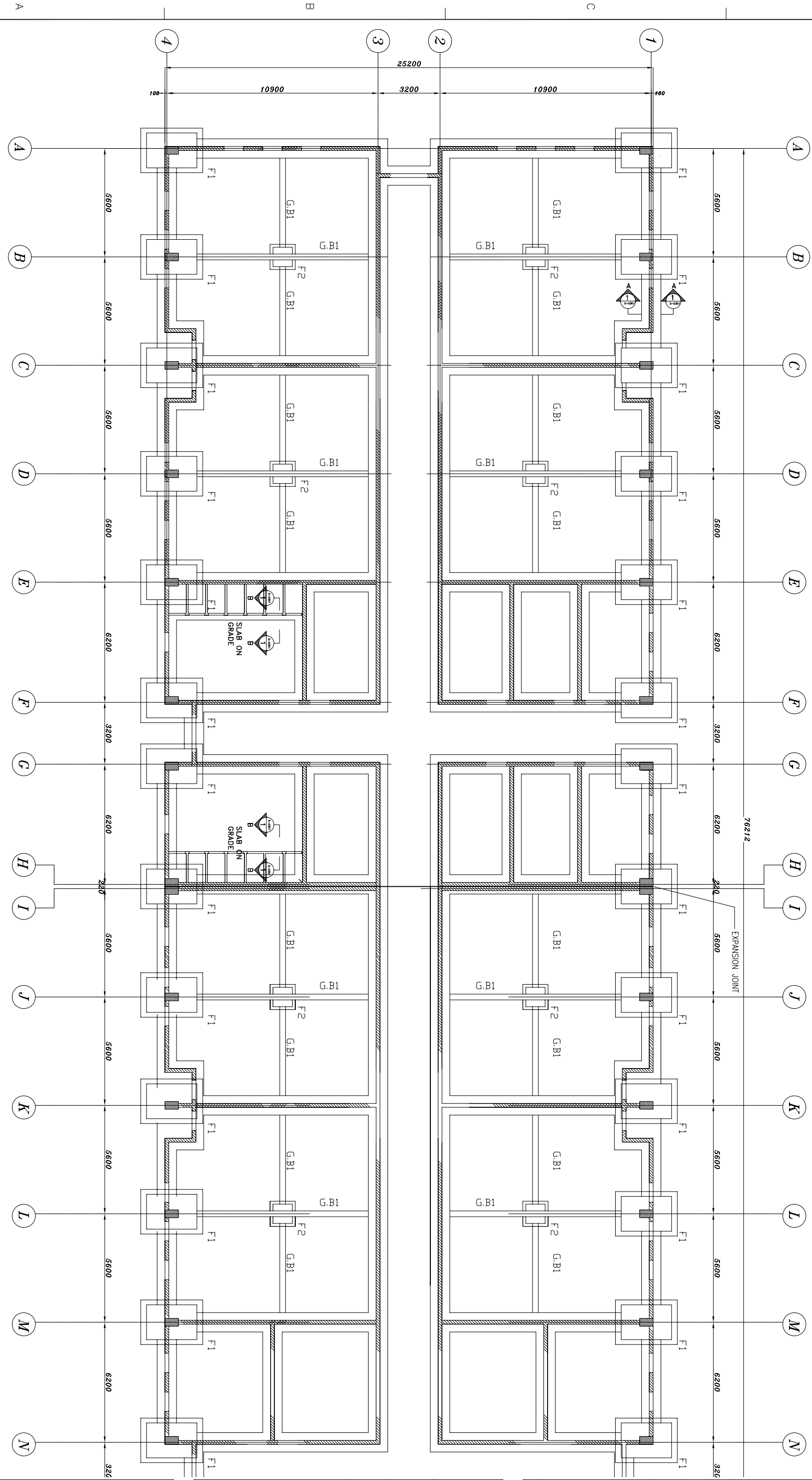


- Notes:-**
- FOOTING DESIGN IS BASED ON ASSUMED BEARING CAPACITY 0.8 KG/CM2 AT FOUNDATION LEVEL 1.30m FROM THE FINISHED GRADE LEVEL. THESE ASSUMPTIONS SHOULD BE VERIFIED BY GEOTECHNICAL REPORT.
 - ALL WORKS UNDER GROUND LEVEL HAVE TO BE COATED WITH BITUMINOUS LAYERS.
 - STAINFACTORY MATERIALS SHALL COMPRISE ANY MATERIALS CLASSIFIED BY ASTM D2487 FOR BACKFILL.
 - REINFORCED STEEL BARS ARE DEFORMED HIGH GRADE STEEL OF GRADE 60 ($f_y=420$ MPa).
 - R.C CYLINDER MINIMUM STRENGTH = 20 MPa AFTER 28 DAYS.



1 FOUNDATION PLAN

CR-S-01
SCALE: 1:100

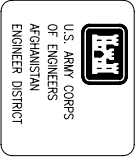
UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS.

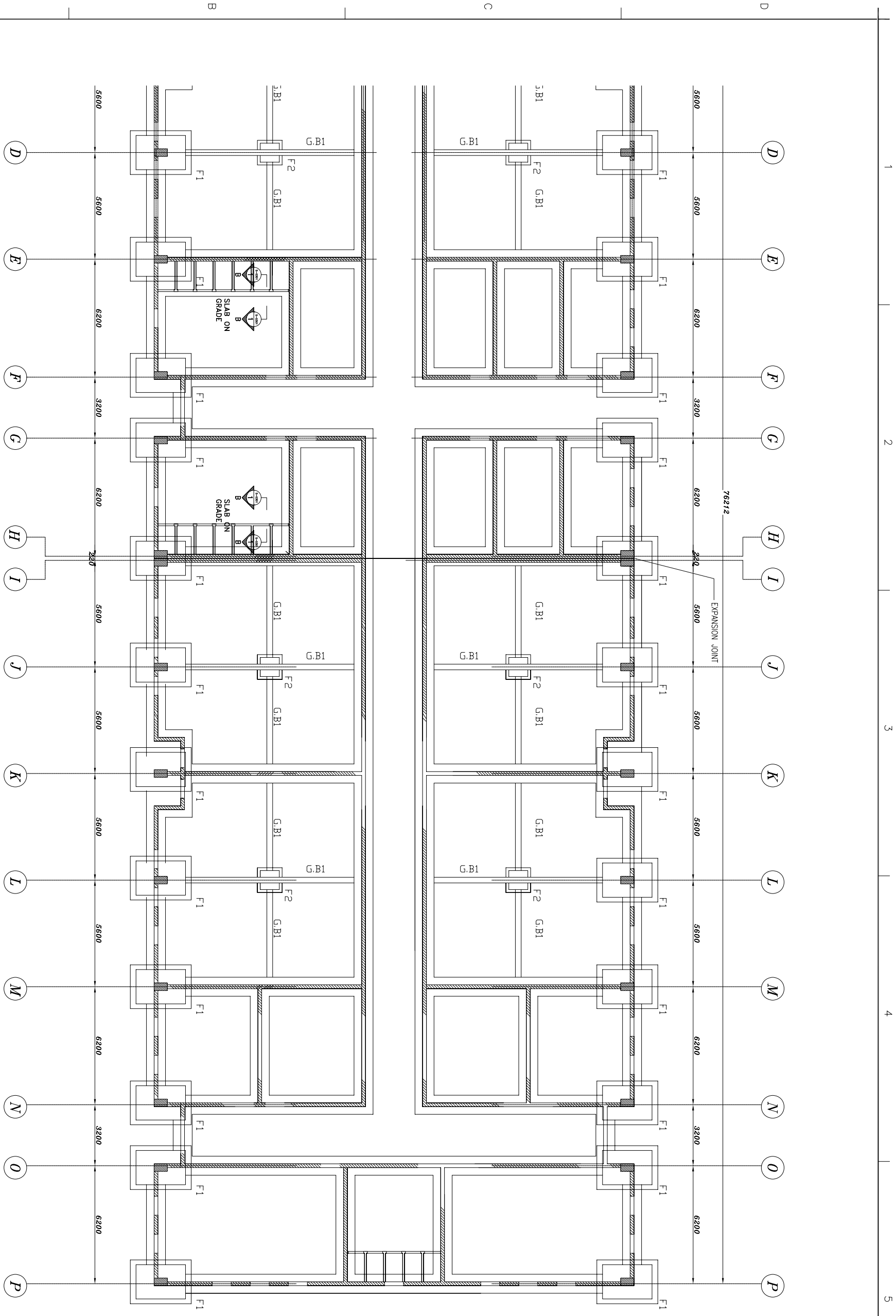
Sheet reference number:
CR-S-01

ANA COMMANDO COMPLEX
KABUL, AFGHANISTAN
CLASSROOMS
FOUNDATION PLAN (PART 1)

Client: US Army Corps of Engineers Afghanistan Engineer District Kabul Afghanistan	Designed by: E.B. Reviewed by: E.A.	Drawn by: N.S. Drwg. Code:	Contract Date: File Name: CR-S-01 Plot Date: 22/05/08 Plot Scale: 1:100
Contractor: PRO SIMA	Designer: Construction Center	Submitted by:	Solicitation No.: W917PM-07-R-0034-0001 Contract No.: W917PM-07-C-0034

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.
⊖	65% DESIGN RESUBMITTAL #1	22/05/08					
⊕	65% DESIGN SUBMITTAL	06/03/08					
⊗	35% FINAL REVISED SUBMITTAL	19/01/08					
⊙	35% REVISED DESIGN SUBMITTAL	09/11/07					
⊘	35% DESIGN SUBMITTAL	17/09/07					





1 FOUNDATION PLAN

CR-S-02

SCALE: 1:100

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS.

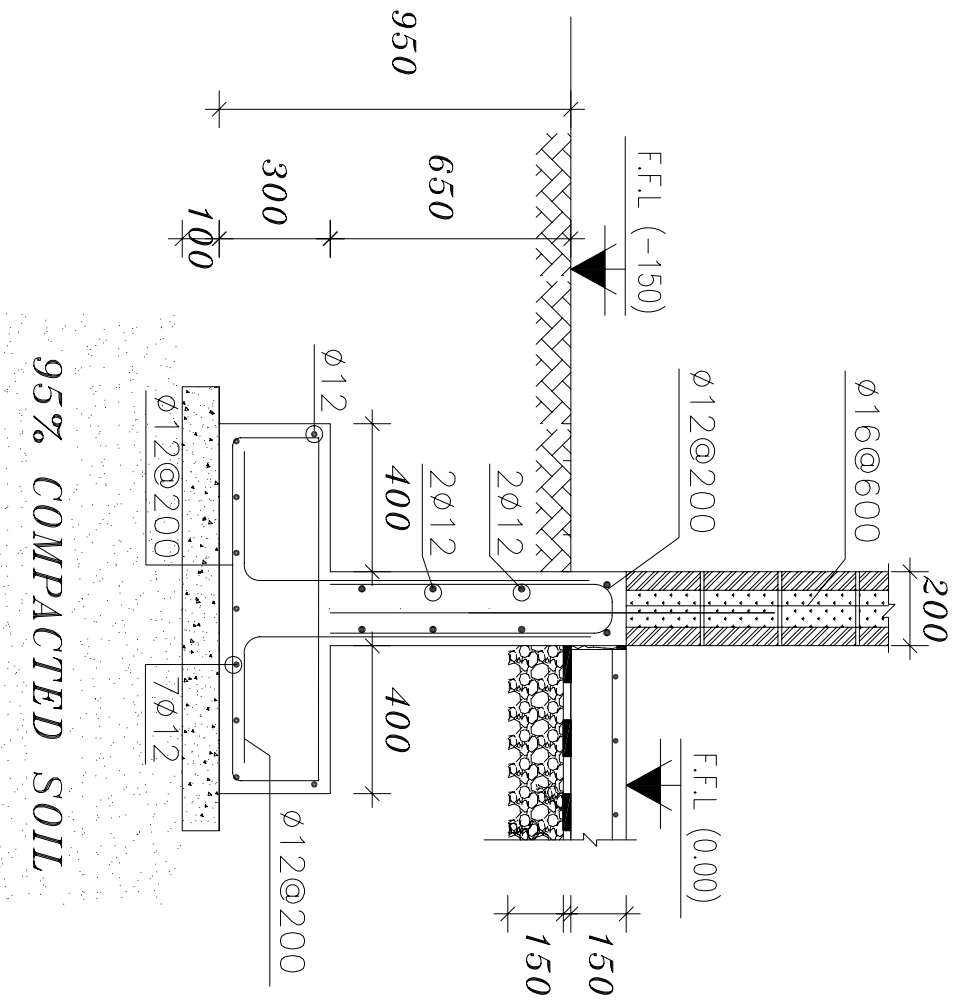
Sheet reference number: CR-S-02

ANA COMMANDO COMPLEX
KABUL, AFGHANISTAN
CLASSROOMS
FOUNDATION PLAN (PART 2)

Client: US Army Corps of Engineers Afghanistan Engineer District Kabul Afghanistan	Designed by: E.B. Reviewed by: E.A.	Drawn by: N.S. Drwg. Code: CR-S-02	Contract Date: File Name: Plot Date: 22/05/08 Plot Scale: 1:100
Contractor: PRO SMA	Designer: Construction Center	Submitted by:	Solicitation No.: W917PM-07-R-0034-0001 Contract No.: W917PM-07-C-0034

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.
Ⓢ	65% DESIGN RESUBMITTAL #1	22/05/08					
Ⓣ	65% DESIGN SUBMITTAL	06/03/08					
Ⓤ	35% FINAL REVISED SUBMITTAL	19/01/08					
Ⓟ	35% REVISED DESIGN SUBMITTAL	09/11/07					
Ⓠ	35% DESIGN SUBMITTAL	17/09/07					

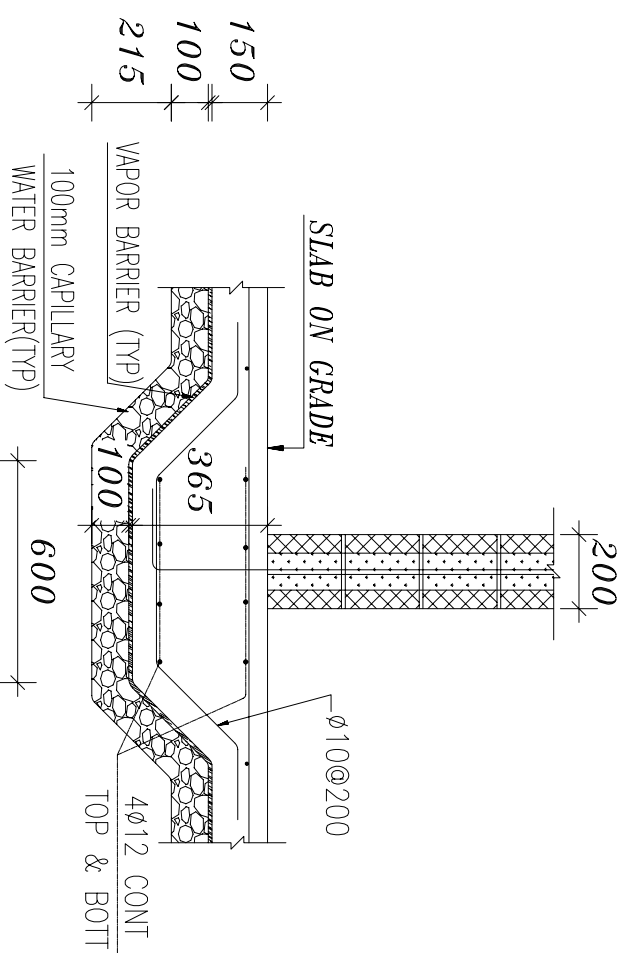




95% COMPACTED SOIL

1 SECTION (A-A)

SCALE: 1:10



2 SECTION (B-B)

SCALE: 1:10

DIMENSIONS	REINFORCEMENT			
	TOP	BOTTOM	STIRRUPS	
G:B	4φ16	4φ16	φ8/140	
G:B1	300X500			

SCHEDULE OF FOOTINGS

TYPE	R.C. FOOTING DIMENSIONS			BOTTOM R.F.T.		TOP R.F.T.		REMARKS
	LENGTH	BREADTH	DEPTH	LONG DIR.	SHORT DIR.	LONG DIR.	SHORT DIR.	
F1	3200	2400	500	φ16/140	φ12/140	----	----	
F2	1800	1800	500	φ12/140	φ12/140	----	----	RFT. SHAPE

3 FOOTING TABLES

CR-S-03

SCALE: 1:50

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS.

Sheet reference number:
CR-S-03

ANA COMMANDO COMPLEX
KABUL, AFGHANISTAN
CLASSROOMS
DETAILS

Client: US Army Corps of Engineers
Afghanistan Engineer District
Kabul Afghanistan

Designed by: E.B.
Drawn by: N.S.
Reviewed by: E.A.
Drwg. Code: CR-S-03
File Name: CR-S-03
Solicitation No.: W917PM-07-R-0034-0001
Contract No.: W917PM-07-C-0034

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.
Ⓔ	65% DESIGN RESUBMITTAL #1	22/05/08					
Ⓕ	65% DESIGN SUBMITTAL	06/03/08					
Ⓖ	35% FINAL REVISED SUBMITTAL	19/01/08					
Ⓗ	35% REVISED DESIGN SUBMITTAL	09/11/07					
Ⓘ	35% DESIGN SUBMITTAL	17/09/07					

U.S. ARMY CORPS OF ENGINEERS
AFGHANISTAN ENGINEER DISTRICT