MINISTRY OF EDUCATION

(MOE/DOC)

DEPARTMENT OF CONSTRUCTION / TECHNICAL SERVICES

(DOC)

12 CLASS ROOM SCHOOL RCC SLAB AND STONE FOUNDATION

ARCHITECTURE
&
ENGINEERING
DESIGN

NOV 2014

MINISTRY OF EDUCATION
DEPARTMENT OF CONTRACTION

STANDARD SCHOOL DESIGN
IN AFGHANISTAN

DESIGN ENG	Eng FATMA	APPROVED:Doc/Moe	ENG.MOMEN RAAD	DRAWING TYPE	STRUCTURE
CHECKED BY	EngRAHIM	SCALE	AS SHOWN (A4)	CODE No S-0263	13 / 42
TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE 2,7,2014			

PROJECT NAME

PROJECT TYPE / DRAWING TITLE

30CLASS SCHOOL BURNT BRICK IRON SHEET ROOF.
WITH COMPUTER AND LABRATORY CLASSES
/SHUTTERING PLAN AT LEVEL 3.00

GROUND FLOOR PLAN

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	RCC/DESIGN	ENG.HEDAYATULLAH(Hedayat)	APPROVED:Doc/Moe	ENG.AB.MOMIN.RAD	DRAWING TYPE	STRUCTURAL	PROJECT NAME	12 CLASS ROOM SCHOOL BURN BRICK R.C.C ROOF.
		CHECKED BY	ENG.M.RAHIM. ANDAR	SCALE	AS SHOWN (A3)	SHEET No	2 / 17	DRAWING TITLE	FOUNDATION SECTIONS
		TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE & CODE #	8-4-2015 (S-0254')				

FIRST FLOOR PLAN

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	RCC/DESIGN	ENG.HEDAYATULLAH(Hedayat)	APPROVED:Doc/Moe	ENG.AB.MOMIN.RAD	DRAWING TYPE	STRUCTURAL	PROJECT NAME	12 CLASS ROOM SCHOOL BURN BRICK R.C.C ROOF.
		CHECKED BY	ENG.M.RAHIM. ANDAR	SCALE	AS SHOWN (A3)	SHEET No	2 17	DRAWING TITLE	FOUNDATION SECTIONS
		TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE & CODE #	8-4-2015 (S-0254')				

PAVEMENT PLAN

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	RCC/DESIGN	ENG.HEDAYATULLAH(Hedayat)	APPROVED:Doc/Moe	ENG.AB.MOMIN.RAD	DRAWING TYPE	STRUCTURAL	PROJECT NAME	12 CLASS ROOM SCHOOL BURN BRICK R.C.C ROOF.
		CHECKED BY	ENG.M.RAHIM. ANDAR	SCALE	AS SHOWN (A3)	SHEET No	2 17	DRAWING TITLE	FOUNDATION SECTIONS
		TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE & CODE #	8-4-2015 (S-0254')				

BACK ELEVATION

FRONT ELEVATION

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM /FURNITURE PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

N

1-Base on soil that resutl the safe bearing capacity of soil has been assumed as (1.5 Kg/cm2) at foundation level.
2-Minimum depth of foundation below original firm soil will be (80cm).
3-Concrete for all reinforced elements will be of ratio(1:1.5:3) and cubical strength of (200kg/cm2) after 28 days.
4-Renforcement grade 1 mild steel having minimum yield stress of (2800Kg/cm2) that shown by (Ø).
5-Reinforcement grade 2 deformed bars having minimum yield stress(4200Kg/cm2) that shown by (N).
6-P.C.C(1:2:4).

FOUNDATION PLAN

MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION

STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ARCHITECT/DESIGN	ENG.NARGEZA AFZALI	APPROVED BY	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S-0254	2 / 13		
TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014			PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN

N

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMENRAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S-0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / GROUND FLOOR PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

COLUMNS DETAILING

STAIR CASE DETAILING

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE:NO S-0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

Section B-B

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014		

PROJECT NAME

PROJECT TYPE/DRAWING TITLE: 6 CLASS ROOM / PAVEMENT PLAN

N

Section A-A

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

GROUND FLOOR SHUTTERING PLAN AT LEVEL 3.00

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moc	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

GROUND FLOOR REINFORCEMENT PLAN AT LEVEL 3.12

MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION

STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMENRAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

N

FIRST FLOOR SHUTTERING PLAN AT LEVEL 6.12

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 13	PROJECT TYPE/DRAWING TITLE: 6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014			

N

GROUND FLOOR REINFORCEMENT PLAN AT LEVEL 3.12

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 13
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014		

PROJECT NAME

PROJECT TYPE/DRAWING TITLE: 6 CLASS ROOM / PAVEMENT PLAN

N

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2/13	PROJECT TYPE/DRAWING TITLE: 6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014			

F-3(35X40)
N=1

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S-0254	2/13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moc	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE.NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2 / 13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ARCHITECT/DESIGN	AH.NAKILA AFZALI	APPROVED:Doc/Moe	ENG.ABDULMOHMEN RAD	DRAWING TYPE	ARCHITECTURE	PROJECT NAME	
		STRUCTURE/DESIGN	ENG.FATEMA ZEWARI	SCALE	As shown (A3)	CODE NO S- 0254	2/13	PROJECT TYPE/DRAWING TITLE	6 CLASS ROOM / PAVEMENT PLAN
		TECH- APPROVED BY	ENG.AB.MATIN. MAQOL	REVISED DATE	JULY 2014				