

FRS SUBSTATION RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: **BG. HAMID SHAFEEQ** APPROVED: MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE WO2. AHMED SHAZEEL CHECKED: COL. AHMED SHARIM REVISION: WO2. ALI MUTHASIM DATE: 16/12/2022 DATE:

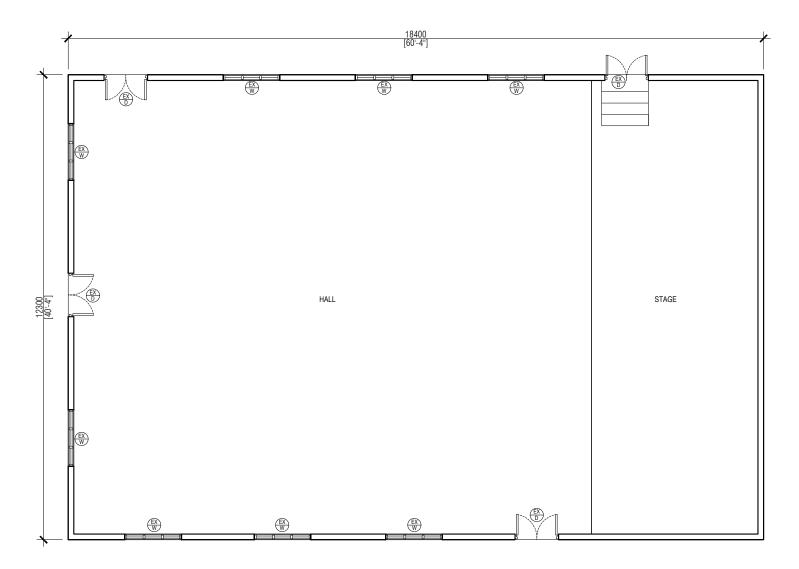


AS SHOWN

SHEET NO:

FRS SUBSTATION SITE PLAN (HA. DHIHDHOO)

ALE 1:150

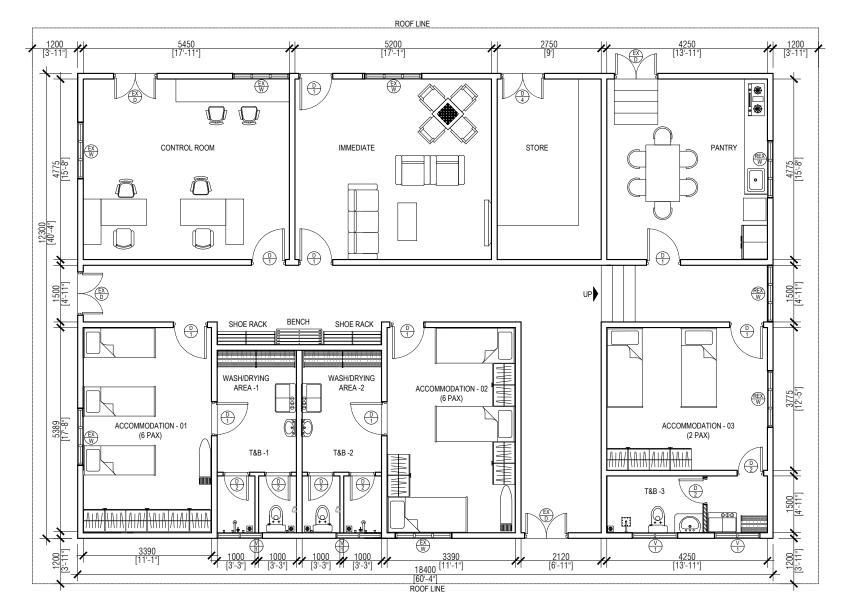


EXISTING FLOOR PLAN SCALE 1:100

FRS SUBSTATION HA.DHIDHDHOO	
SHEET CONTENT:	
RECOM. APPROVAL:	
COL. AHMED SHAN COMMANDING OFFICER	RIM
DESIGN APPROVAL:	
BG. HAMID SHAFE	 EQ
COMMANDANT, SERVICE C	
APPROVED:	
MG. ABDULLA SHA	
DESIGNED:	
WO2. ALI MUTHASIM	WO2. AHMED SHAZE
Architectural	Structural
CHECKED:	
COL. AHMED SHA	RIM
COMMANDING OFFICER	
DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:



AS SHOWN



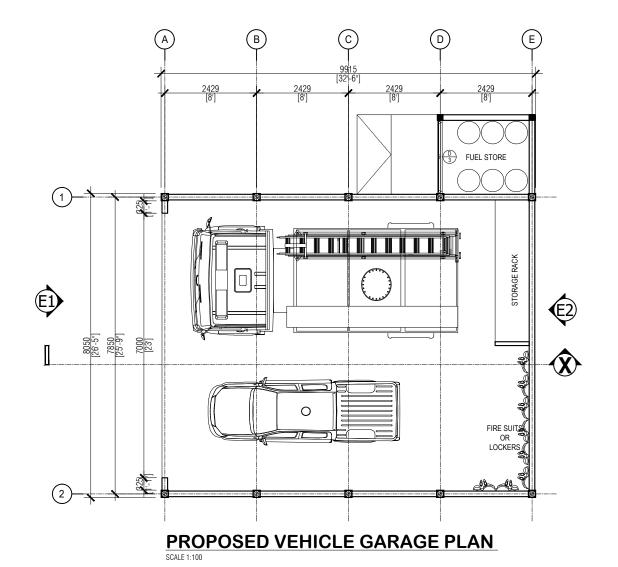
PROPOSED FLOOR PLAN

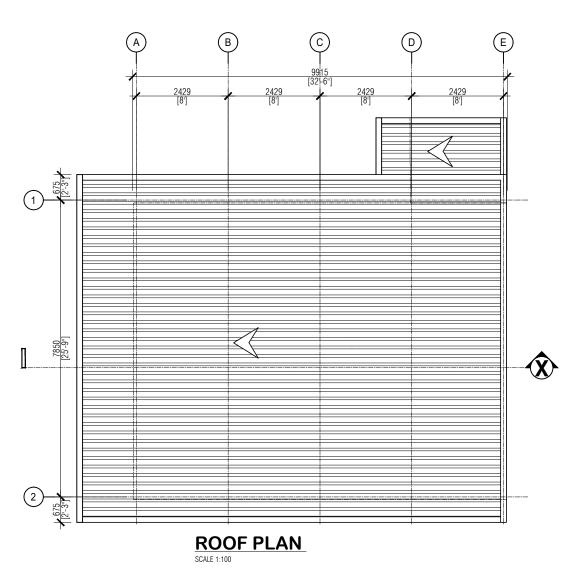
	STATION OHDHOO
SHEET CONTENT:	
-	
RECOM. APPROVAL:	
COL. AHMED SHAI COMMANDING OFFICER	RIM
DESIGN APPROVAL:	
BG. HAMID SHAFE	
APPROVED:	
MG. ABDULLA SHA	
	•
DESIGNED:	
Architectural	Structural
CHECKED:	

WO2. ALI MUTHASIM	WO2. AHMED S
Architectural	Structural
CHECKED:	
COL. AHMED SHA	RIM
COLUMNIC OFFICER	

DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	





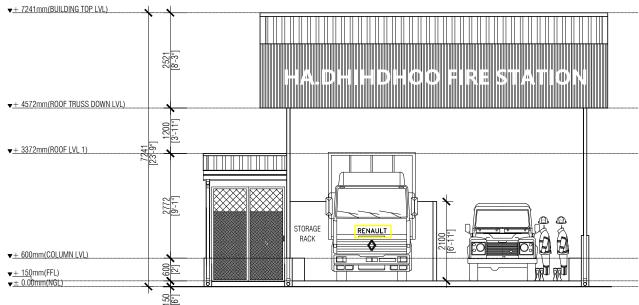


	FRS SUBSTATION HA.DHIDHDHOO
	SHEET CONTENT:
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	RECOM. APPROVAL:
	RECOIVI. ALL ROYAL.
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l	COL. AHMED SHARIM COMMANDING OFFICER
l	DESIGN APPROVAL:
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l	
	BG. HAMID SHAFEEQ
l	COMMANDANT, SERVICE CORPS
l	APPROVED:
l	
l	
l	MG. ABDULLA SHAMAAL
l	CHIEF OF DEFENCE FORCE
Ì	DESIGNED:
l	
l	WO2. ALI MUTHASIM WO2. AHMED SHAZEEL
l	Architectural Structural
l	CHECKED:
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WO2. ALI MUTHASIM	WO2. AHMED SHAZEEL
Architectural	Structural
CHECKED:	
COL. AHMED SHA	DIAA
COL. ARMED STA COMMANDING OFFICER	KIM

DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	





ELEVATION (E1)
SCALE 1:100

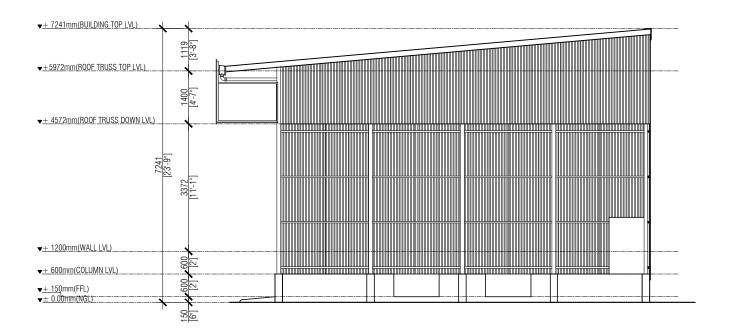
FRS SUBSTATION HA.DHIDHDHOO SHEET CONTENT: RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: BG. HAMID SHAFEEQ APPROVED: MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE

WO2. AHMED SH
Structural
RIM

DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	



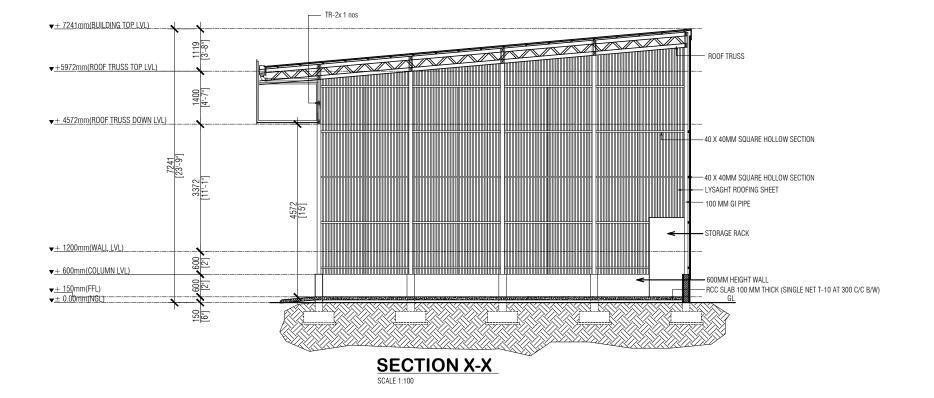
MILITARY ENGINEERS MALDIVES NATIONAL DEFENCE FOR



ELEVATION (E2) SCALE 1:100

	FRS SUBSTATION HA.DHIDHDHOO	
ı	SHEET CONTENT:	
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ı	RECOM. APPROVAL:	
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ı	COL. AHMED SHAI	RIM
ı	DESIGN APPROVAL:	
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ı		
ı	BG. HAMID SHAFEEQ	
ı	COMMANDANT, SERVICE CORPS APPROVED:	
ı		
ı		
ı		
ı	MG. ABDULLA SHA	
ı	DESIGNED:	
ı		
ı		
ı	WO2. ALI MUTHASIM	WO2. AHMED SHAZEE
ı	Architectural CHECKED:	¹ Structural
ı	CHECKED.	
ı		
ı		
ı	COL. AHMED SHA	RIM
ı	COMMANDING OFFICER DRAWN:	REVISION:
	WO2. ALI MUTHASIM	
	DATE: 16/12/2022	DATE:
	SCALE:	SHEET NO:
	AS SHOWN	

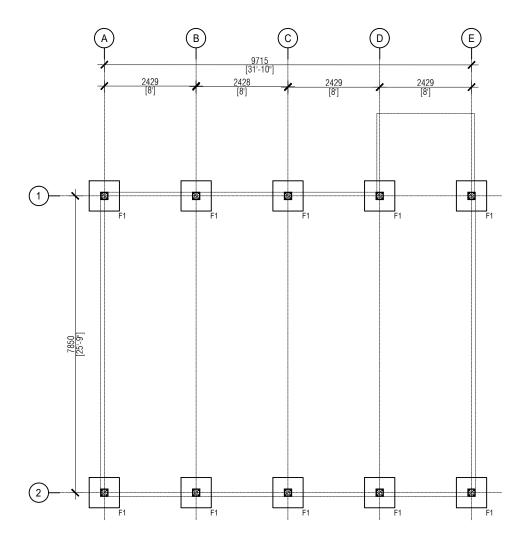




FRS SUBSTATION HA.DHIDHDHOO		
SHEET CONTENT:		
RECOM. APPROVAL:		
COL. AHMED SHAI	RIM	
DESIGN APPROVAL:		
BEGGIN, WILLIAM THE CALL		
DC HAMID CHAFF		
	BG. HAMID SHAFEEQ COMMANDANT, SERVICE CORPS	
APPROVED:		
MG. ABDULLA SHA		
CHIEF OF DEFENCE FORCE		
DESIGNED:		
WO2. ALI MUTHASIM	WO2. AHMED SHAZEE	
Architectural	¹ Structural	
CHECKED:		
COL. AHMED SHA COMMANDING OFFICER	RIM	
DRAWN:	REVISION:	
WO2. ALI MUTHASIM		
DATE: 16/12/2022	DATE:	
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SHEET NO: SCALE: AS SHOWN



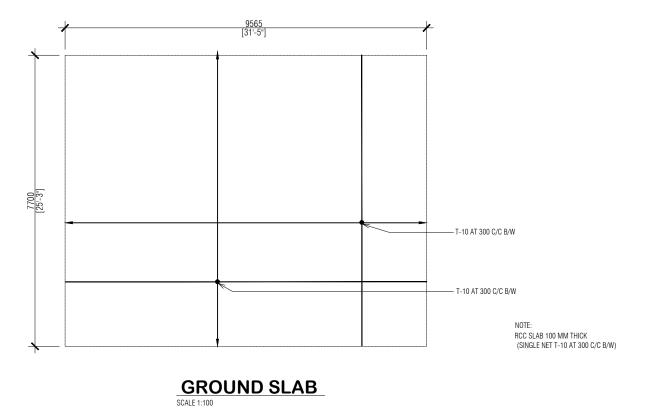


FOOTING & COLUMN PLAN

FRS SUBSTATION HA.DHIDHDHOO RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: BG. HAMID SHAFEEQ APPROVED: MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE WO2. ALI MUTHASIM WO2. AHMED SHAZEEL Architectural Structural CHECKED: COL. AHMED SHARIM REVISION: DRAWN: WO2. ALI MUTHASIM DATE: 16/12/2022 DATE: SCALE: SHEET NO: AS SHOWN

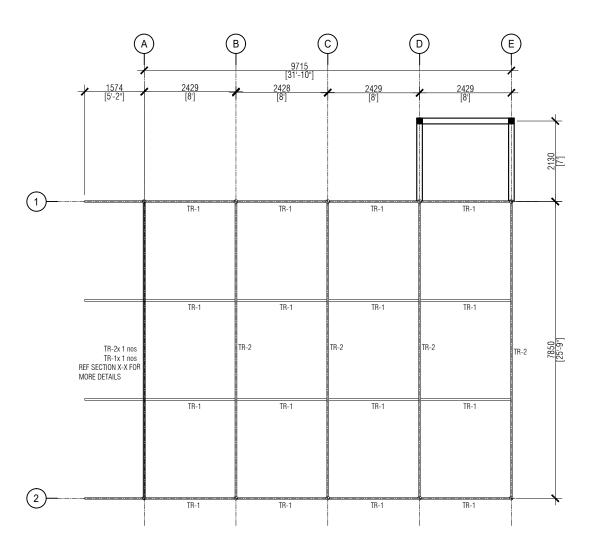


MILITARY ENGINEERS
MALDIVES NATIONAL DEFENCE FOR



	FRS SUBSTATION HA.DHIDHDHOO	
SHEET CONTENT:		
-		
-		
RECOM. APPROVAL:		
RECOM. AFFROVAL.		
COL. AHMED SHAF	RIM	
DESIGN APPROVAL:		
DESIGN AFFROVAL:		
BG. HAMID SHAFE	FQ.	
COMMANDANT, SERVICE C		
APPROVED:		
MG. ABDULLA SHA CHIEF OF DEFENCE FORCE		
DESIGNED:		
WO2. ALI MUTHASIM	WO2. AHMED SHAZEEL	
Architectural	Structural	
CHECKED:		
COL. AHMED SHARIM		
COMMANDING OFFICER DRAWN: REVISION:		
WO2. ALI MUTHASIM		
DATE: 16/12/2022	DATE:	
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SCALE:	SHEET NO:	
AS SHOWN		

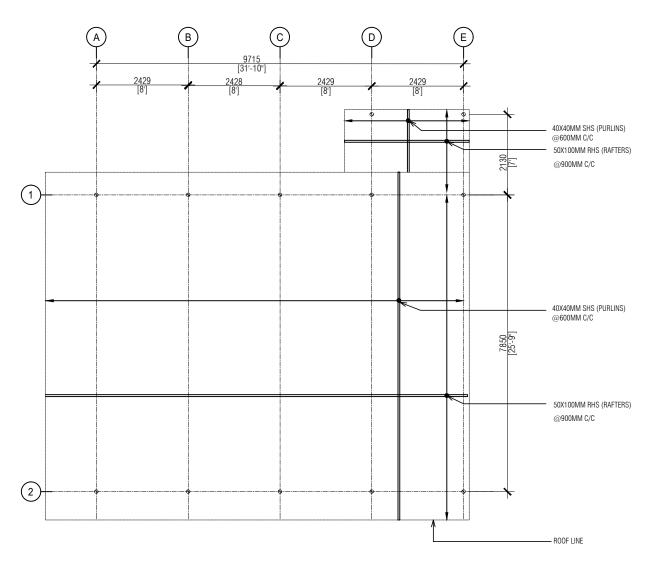




ROOF TRUSS LAYOUT

FRS SUBSTATION HA.DHIDHDHOO		
SHEET CONTENT:		
RECOM. APPROVAL:		
COL. AHMED SHA	RIM	
COMMANDING OFFICER		
DESIGN APPROVAL:		
BG. HAMID SHAFEEQ COMMANDANT, SERVICE CORPS		
COMMANDANI, SERVICE CORPS APPROVED:		
MG. ABDULLA SHAMAAL		
CHIEF OF DEFENCE FORCE		
DESIGNED:		
WO2. ALI MUTHASIM	WO2. AHMED SHAZEEI	
Architectural	¹ Structural	
CHECKED:		
COL. AHMED SHA COMMANDING OFFICER	COL. AHMED SHARIM COMMANDING OFFICER	
DRAWN:	REVISION:	
WO2. ALI MUTHASIM		
DATE: 16/12/2022	DATE:	
SCALE:	SHEET NO:	
AS SHOWN		



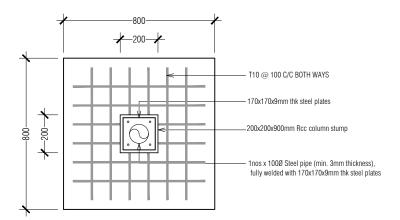


ROOF FRAME LAYOUT

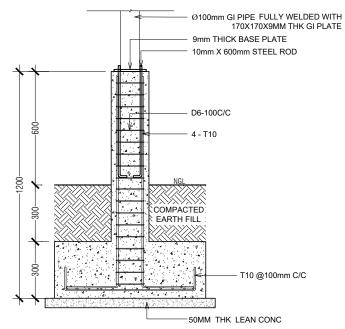
FRS SUBSTATION HA.DHIDHDHOO	
SHEET CONTENT:	
-	
RECOM. APPROVAL:	
COL. AHMED SHAI COMMANDING OFFICER	KIM
DESIGN APPROVAL:	
BG. HAMID SHAFE	
APPROVED:	
MG. ABDULLA SHA CHIEF OF DEFENCE FORCE	
DESIGNED:	
WO2. ALI MUTHASIM	WO2. AHMED SHAZE
Architectural	Structural
CHECKED:	
COI THWED SHY	RIM
COL. AHMED SHARIM COMMANDING OFFICER	
DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
COVIE	CHEET NO:



AS SHOWN



FOOTING PLAN(F1)



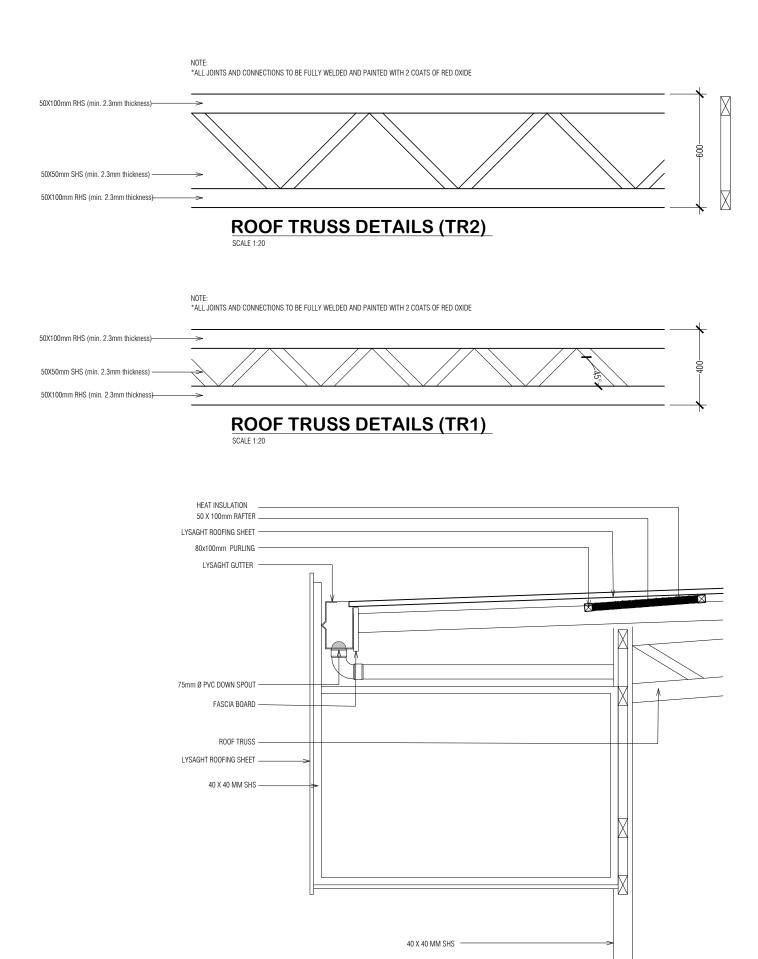
FOOTING SECTION (F1)

TYPE	SIZE	REINFORCEMENT
F1	800 x 000 x 300 MM	T10 @ 100mm C/C BOTH WAYS

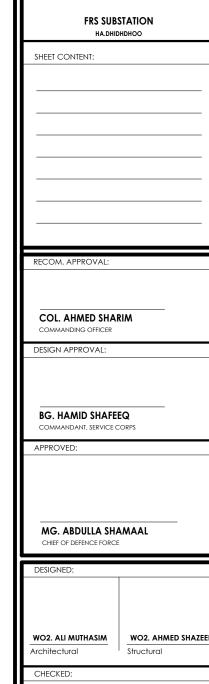
FOUNDATION DEPTH = 600 MM BELOW GROUND LEVEL

FOUNDATION DETAILS

SCALE 1:20



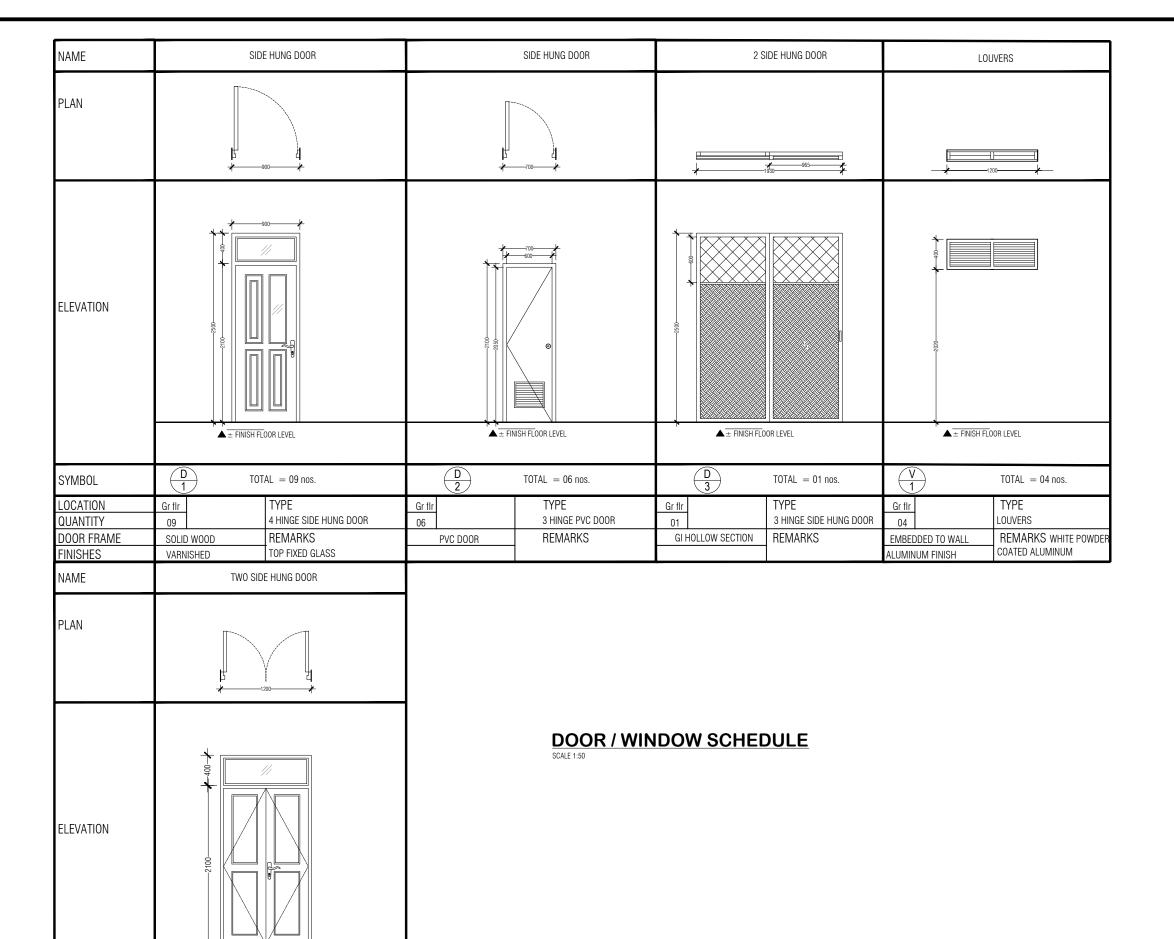
ROOF DETAILS



DESIGNED.	
WO2. ALI MUTHASIM Architectural	WO2. AHMED SHAZEE
CHECKED:	
COL. AHMED SHA COMMANDING OFFICER	RIM
DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALF:	SHEET NO:



AS SHOWN



± FINISH FLOOR LEVEL

TOTAL = 01 nos.

TYPE

REMARKS

TOP FIXED GLASS

4 HINGE SIDE HUNG DOOR

D 4

SOLID WOOD

VARNISHED

Gr flr

01

SYMB0L

LOCATION

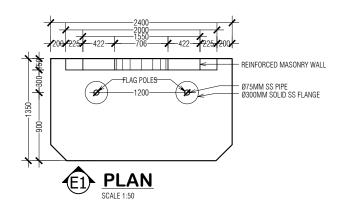
QUANTITY

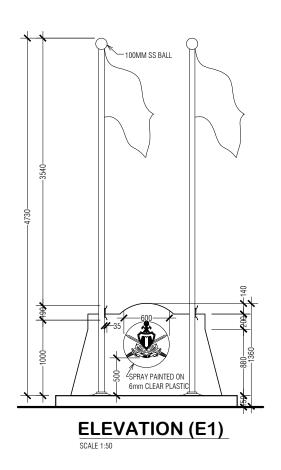
FINISHES

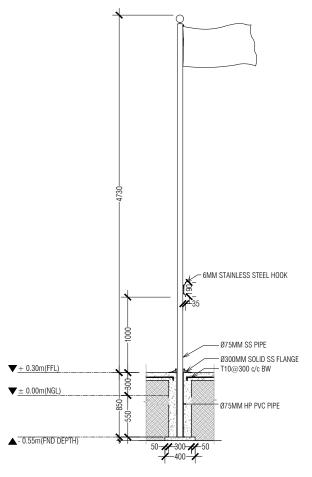
DOOR FRAME

FRS SUBSTATION HA.DHIDHDHOO		
SHEET CONTENT:		
DECOM ADDROVAL		
RECOM. APPROVAL:		
COL. AHMED SHAF	RIM	
COMMANDING OFFICER		
DESIGN APPROVAL:		
DO HAMID SHAFFI		
BG. HAMID SHAFEEQ COMMANDANT, SERVICE CORPS		
APPROVED:		
MG. ABDULLA SHA CHIEF OF DEFENCE FORCE		
DESIGNED:		
	woo	
Architectural	Structural	
CHECKED:		
COL. AHMED SHARIM		
COMMANDING OFFICER		
DRAWN:	REVISION:	
WO2. ALI MUTHASIM	0.175	
DATE: 16/12/2022	DATE:	
SCALE:	SHEET NO:	
= ASSE(NAM)		







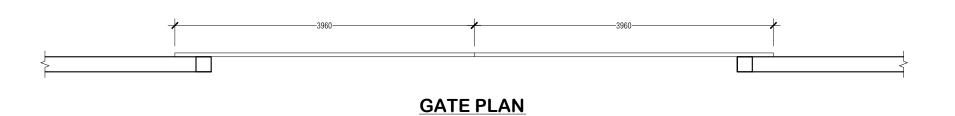


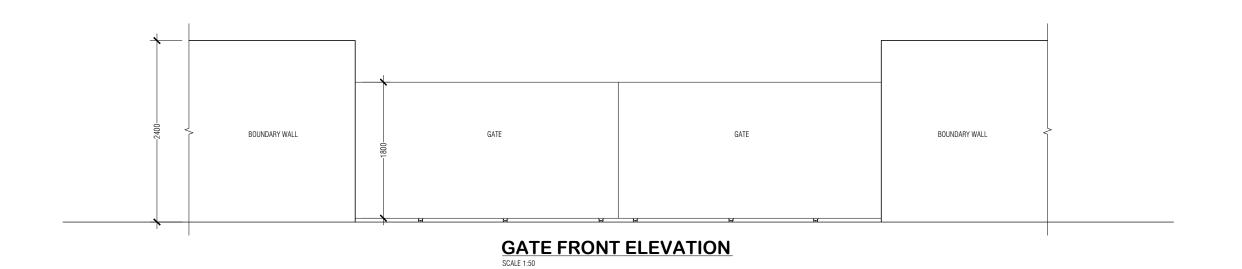
FLAG POST FIXING DETAIL
SCALE 1:50

FRS SUBSTATION HA.DHIDHDHOO RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: BG. HAMID SHAFEEQ APPROVED: MG. ABDULLA SHAMAAL
CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM WO2. AHMED SHAZEEL Architectural Structural CHECKED:

COL. AHMED SHARIM COMMANDING OFFICER	
DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	



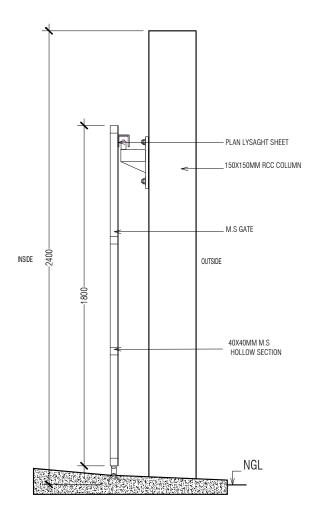


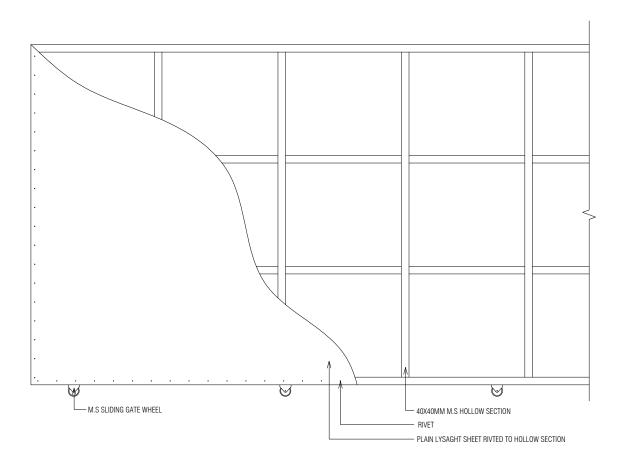


FRS SUBSTATION HA.DHIDHDHOO RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: BG. HAMID SHAFEEQ APPROVED: MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM WO2. AHMED SHAZEEL Architectural Structural CHECKED: COL. AHMED SHARIM DRAWN: REVISION: WO2. ALI MUTHASIM DATE: 16/12/2022 DATE: SCALE: SHEET NO: AS SHOWN



Male', Republic of Maldives





TYPICAL GATE DETAIL

MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM WO2. AHMED SHAZEEL Architectural Structural CHECKED: COL. AHMED SHARIM COMMANDING OFFICER REVISION: DRAWN: WO2. ALI MUTHASIM DATE: DATE: 16/12/2022 SCALE: SHEET NO: AS SHOWN The drawings, concept and design contained are the properties of Military Engineers MNDF. Use of any kind a copy of whole or part of this drawing, concept or design or use on other projects or sites other than that specified or this drawing is strictly prohibited.

FRS SUBSTATION HA.DHIDHDHOO

SHEET CONTENT:

RECOM. APPROVAL:

DESIGN APPROVAL:

APPROVED:

COL. AHMED SHARIM

BG. HAMID SHAFEEQ COMMANDANT, SERVICE CORPS



LIGHTING LAYOUT SCALE 1:100

LEGEND:

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SYMBOL QTY DESCRIPTION

36 CEILING MOUNT LED LIGHT 18W DAY LIGHT (ROUND)

O3 THREAD HOLDER E27 (NORMAL) WITH 5W LED LIGHT

10 LED OUTDOOR LIGHT 12W, WARM WHITE

03 CEILING FAN 48" (KDK)

⊢⊗ 09 SWITCH 2 GANG

O7 SWITCH 3GANG

⊢© 06 SWITCH 4 GANG

O3 FAN DIMMER

02 DISTRIBUTION BOARD

08 ORBIT FAN 16" (KDK)

04 EXHAUST FAN

NOTE:

-ALL SWITCHES @1200MM FROM FFL

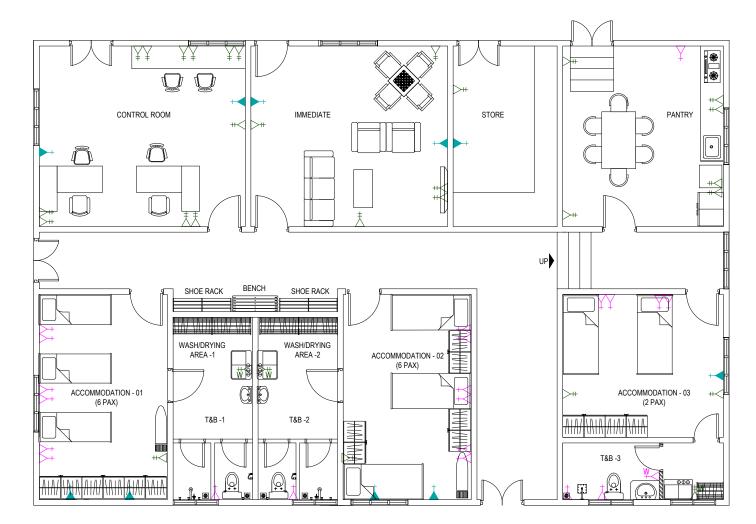
HA.DHID	приос
SHEET CONTENT:	
RECOM. APPROVAL:	
RECOM, APPROVAL:	
COL. AHMED SHAR	PIAA
COMMANDING OFFICER	
DESIGN APPROVAL:	
BG. HAMID SHAFEE	
COMMANDANT, SERVICE C	
APPROVED:	
MG. ABDULLA SHA	
CHIEF OF DEFENCE FORCE	
DESIGNED:	
WO2. ALI MUTHASIM	WO2. AHMED

FRS SUBSTATION

DESIGNED:	
WO2. ALI MUTHASIM	WO2. AHMED SHAZEEL
Architectural	Structural
CHECKED:	
COL. AHMED SHA	RIM
COMMANDING OFFICER	

DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	





ELECTRICAL OUTLET LAYOUT

LEGEND:

SYMBOL QTY DESCRIPTION

> 21 SOCKET SWITCH SINGLE13A, (ABB / CLIPSAL)

01 SOCKET SWITCH SINGLE 13A, WATERPROOF (ABB / CLIPSAL)

 \triangleright_{W} 03 SOCKET SWITCH SINGLE15A, (ABB / CLIPSAL)

10 SOCKET SWITCH SINGLE15A, (ABB / CLIPSAL)

> + 27 SOCKET SWITCH DOUBLE 13A, (ABB / CLIPSAL)

NOTE:

-ALL SWITCHES @1200MM FROM FFL

FRS SUBSTATION RECOM. APPROVAL: COL. AHMED SHARIM DESIGN APPROVAL: **BG. HAMID SHAFEEQ** APPROVED: MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE WO2. ALI MUTHASIM WO2. AHMED SHAZEEL Architectural Structural CHECKED: COL. AHMED SHARIM DRAWN: REVISION:

DRAWN: REVISION:

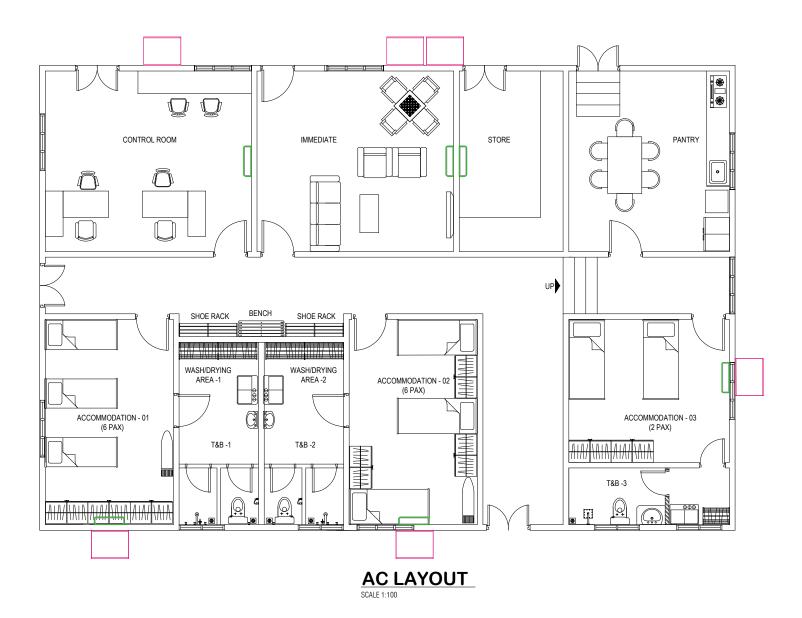
WO2. ALI MUTHASIM

DATE: 16/12/2022 DATE:

SCALE: SHEET NO:

AS SHOWN





LEGEND:

SYMBOL QTY DESCRIPTION

06 WALL MOUNT AC UNIT

06 AC OUTDOOR UNIT

MG. ABDULLA SHAMAAL CHIEF OF DEFENCE FORCE

FRS SUBSTATION
HA.DHIDHDHOO

Office of Benefice Folk

APPROVED:

RECOM. APPROVAL:

DESIGN APPROVAL:

COL. AHMED SHARIM

BG. HAMID SHAFEEQ

DESIGNED:

WO2. ALI MUTHASIM

Architectural

CHECKED:

COL. AHMED SHARIM

COMMANDING OFFICER

DRAWN: REVISION:

WO2. ALI MUTHASIM

DATE: 16/12/2022 DATE:

WO2. AHMED SHAZEEL

Structural

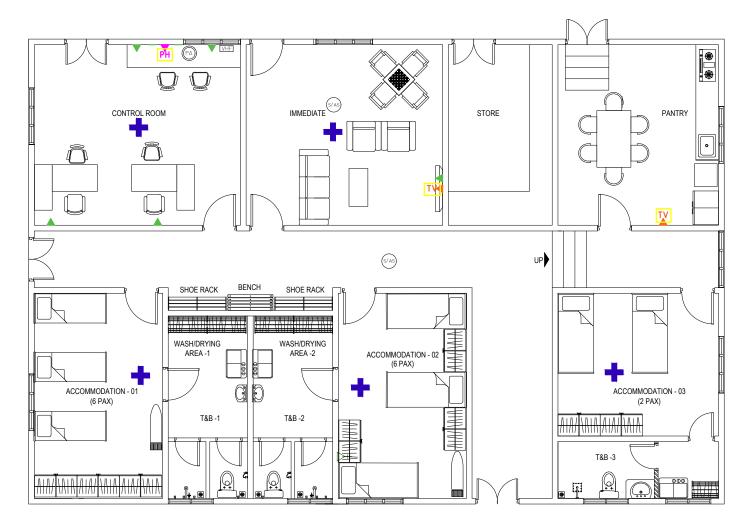
SCALE:

AS SHOWN



SHEET NO:

MALDIVES NATIONAL DEFENCE FORC Male', Republic of Maldives



COMMUNICATION LAYOUT SCALE 1:100

LEGEND:

SYMBOL QTY DESCRIPTION

+

05 WIRELESS ACCESS POINT

PH

01 TELEPHONE OUTLET

TV◀

02 TV OUTLET

⋖

05 DUAL NETWORK PORT

PA

01 PA SYSTEM

01 VHF BASE SYSTEM

(S/AS)

02 SPEAKER / ALARM SYSTEM

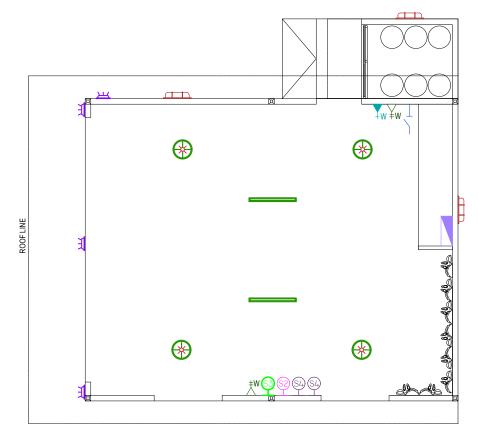
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SHEET CONTENT:	
RECOM. APPROVAL:	
COL. AHMED SHARIM	
COMMANDING OFFICER	
DESIGN APPROVAL:	
BG. HAMID SHAFEEQ	
COMMANDANT, SERVICE CORPS APPROVED:	
ALLINOVED.	
MG. ABDULLA SHAMAAL	
CHIEF OF DEFENCE FORCE	

FRS SUBSTATION

DESIGNED.	
WO2. ALI MUTHASIM	WO2. AHMED SHAZ
Architectural	Structural
CHECKED:	
COL. AHMED SHA	RIM
COMMANDING OFFICER	

DRAWN:	REVISION:
WO2. ALI MUTHASIM	
DATE: 16/12/2022	DATE:
SCALE:	SHEET NO:
AS SHOWN	





LIGHTING & ELECTRICAL OUTLET LAYOUT
SCALE 1:100

LEGEND:

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SYMBOL QTY DESCRIPTION

Ф 03 LED OUTDOOR LIGHT 12W, WARM WHITE

01 SWITCH 2 GANG

01 SWITCH 3GANG

02 SWITCH 4 GANG

01 DISTRIBUTION BOARD

LED FLOOD LIGHT 150W

HIGH - BAY LIGHT 250W

02 4FT LED TUBE LIGHT 40W

01 ISOLATOR 20A, 3P

02 SOCKET SWITCH SINGLE15A, (ABB / CLIPSAL)

01 SOCKET SWITCH SINGLE15A, (ABB / CLIPSAL)

-ALL SWITCHES @1200MM FROM FFL

HA.DHID	DHDHOO	
SHEET CONTENT:		
		_
		_
-		
RECOM. APPROVAL:		_
COL. AHMED SHAIL COMMANDING OFFICER	KIM	
DESIGN APPROVAL:		_
BG. HAMID SHAFE	EQ	
BG. HAMID SHAFE COMMANDANT, SERVICE C		
COMMANDANT, SERVICE C	AMAAL	
APPROVED: MG. ABDULLA SHA	AMAAL	
APPROVED: MG. ABDULLA SHA	AMAAL	
APPROVED: MG. ABDULLA SHA	AMAAL	
APPROVED: MG. ABDULLA SHA	AMAAL	
MG. ABDULLA SHACHEF OF DEFENCE FORCE DESIGNED:	AMAAL WO2. AHMED	
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM Architectural	AMAAL	S
MG. ABDULLA SHACHEF OF DEFENCE FORCE DESIGNED:	AMAAL WO2. AHMED	
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM Architectural	AMAAL WO2. AHMED	
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM Architectural	AMAAL WO2. AHMED	
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM Architectural	AMAAL WO2. AHMED	
MG. ABDULLA SHA CHIEF OF DEFENCE FORCE DESIGNED: WO2. ALI MUTHASIM Architectural CHECKED:	AMAAL WO2. AHMED Structural	<u> </u>
MG. ABDULLA SHACHIEF OF DEFINCE FORCE WO2. ALI MUTHASIM Architectural CHECKED: COL. AHMED SHACHIEF OF DEFINED SHACHIEF OF	AMAAL WO2. AHMED Structural	<u> </u>
COL. AHMED SHA COMMANDING OFFICER DRAWN:	AMAAL WO2. AHMED Structural	<u> </u>
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE WO2. ALI MUTHASIM Architectural CHECKED: COL. AHMED SHA COMMANDING OFFICER DRAWN: WO2. ALI MUTHASIM	AMAAL WO2. AHMED Structural RIM REVISION:	<u> </u>
COL. AHMED SHA COMMANDING OFFICER DRAWN:	AMAAL WO2. AHMED Structural	
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE WO2. ALI MUTHASIM Architectural CHECKED: COL. AHMED SHA COMMANDING OFFICER DRAWN: WO2. ALI MUTHASIM	AMAAL WO2. AHMED Structural RIM REVISION:	· SI
MG. ABDULLA SH/CHIEF OF DEFENCE FORCE WO2. ALI MUTHASIM Architectural CHECKED: COL. AHMED SHA COMMANDING OFFICER DRAWN: WO2. ALI MUTHASIM	AMAAL WO2. AHMED Structural RIM REVISION:	- Si

