

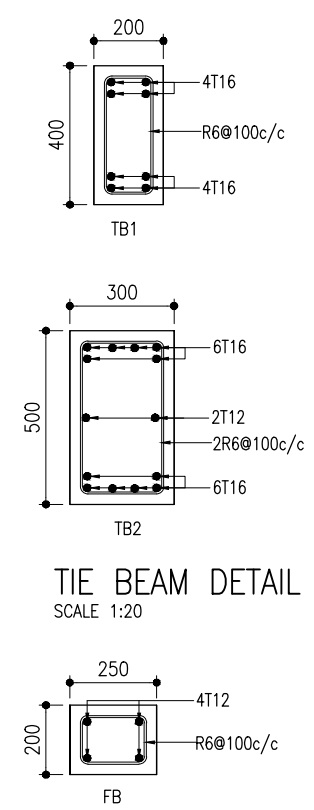
PROPOSED SINGLE STOREY MOSQUE(500)

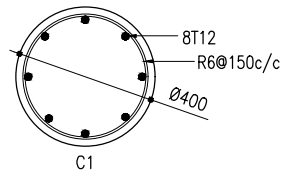
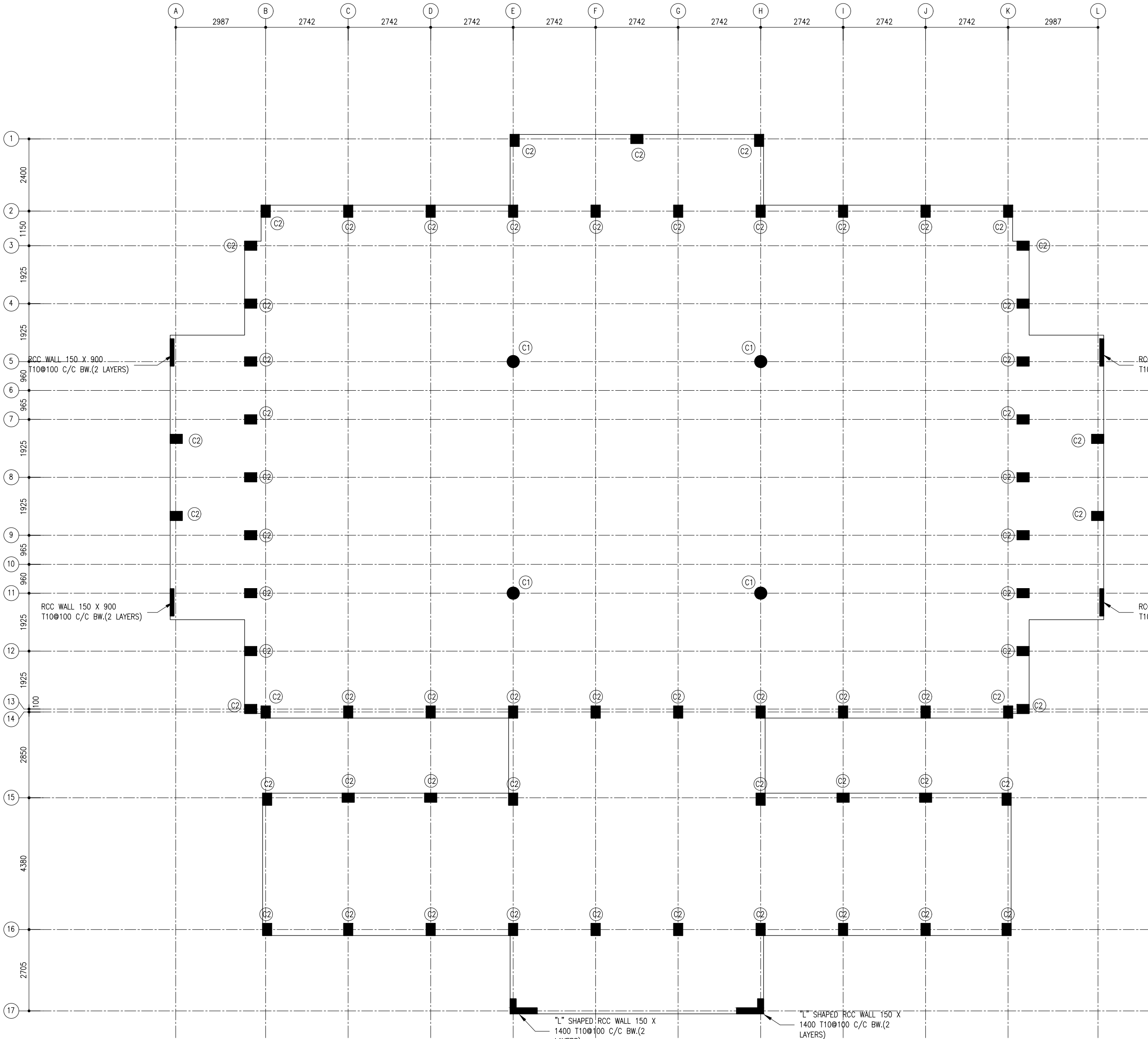
MALDIVES

STRUCTURAL DRAWINGS

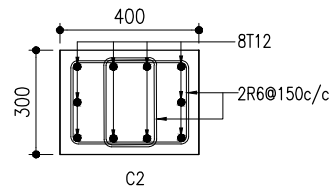
27.02.2021

SIARCH
P R I V A T E L I M I T E D
LONUZIYAARAIY MAGU,MALE',20075,MALDIVES
EMAIL: I N F O @ S I A R C H . D E S I G N
H T T P / / : W W W . S I A R C H . D E S I G N





CENTER COLUMN DETAIL
SCALE 1:20



COLUMN DETAIL
SCALE 1:20

STRUCTURAL DETAILS



NOTE:
COVER TO FOUNDATION = 50MM
COVER TO SLAB = 25-30MM
COVER TO BEAM = 30-35MM
COVER TO COLUMN = 35-40MM
BEAMS BEND-UP BARS = 12XDIA
ANCHOR BARS = 55XDIA
LAPPING BARS = 45XDIA
MID BARS = 0.85 X SPAN
SUPPORT BARS = 1/3 X SPAN
MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

COLUMN PLAN



CLIENT:
MINISTRY OF ISLAMIC AFFAIRS

DESIGN AND CONSULTANCY:
SIARCH
P R I V A T E L I M I T E D
UNIONWADANI, MASJIDUL AUSTIN, KUALA LUMPUR
EMAIL: INFO@SIARCH.DESIGN
HTTP://WWW.SIARCH.DESIGN

KEY PLAN:

WARNING:
- This drawing shall not be used for construction unless certified.
- Contractor to verify all dimensions of existing works on site before commencing any work or preparing shop drawings. Do not scale drawings, use written dimensions only.
- This drawing is to be read in conjunction with the specifications and conditions of contract.
- This drawing and design is copyright and no portion may be reproduced without the permission of the Consultant

REVISIONS
NO DESCRIPTION DATE

PROJECT:

500 PAX
MOSQUE DESIGN

PHASE:
☐ CONCEPT DESIGN
☐ DESIGN DEVELOPMENT
☒ TENDER DOCUMENT
☐ FOR CONSTRUCTION
☐ AS BUILD DRAWINGS

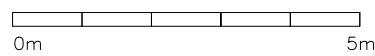
DESIGNATION NAME SIGNATURE
PROJECT MANAGER SIARCH PVT LTD
STR. ENGINEER HUSSEIN SHIBANI
CHIEF ARCHITECT MOHAMED SRAI
CHECKED MOHAMED SRAI
DRAWN YASHWA


DWG. NAME:

STRUCTURAL


COLUMN PLAN

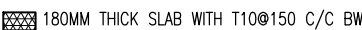
CODE DATE DWG. NO:
COM-32 27-02-2021 ST02
FORMAT A1 A2 A3
SCALE 1:100 1:200 1:50
PDF FILE NAME: COM-32_ST02_A



 140MM THICK GROUND SLAB WITH T10@150 C/C BW
ON TOP OF WELL COMPACTED EARTH
 180MM THICK GROUND SLAB WITH T10@150 C/C BW
ON TOP OF WELL COMPACTED EARTH

NOTE:
COVER TO FOUNDATION = 50MM
COVER TO SLAB = 25-30MM
COVER TO BEAM = 30-35MM
COVER TO COLUMN = 35-40MM
BEAMS BEND-UP BARS = 12XDIA
ANCHOR BARS = 55XDIA
LAPPING BARS = 45XDIA
MID BARS = 0.85 X SPAN
SUPPORT BARS = 1/3 X SPAN
MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

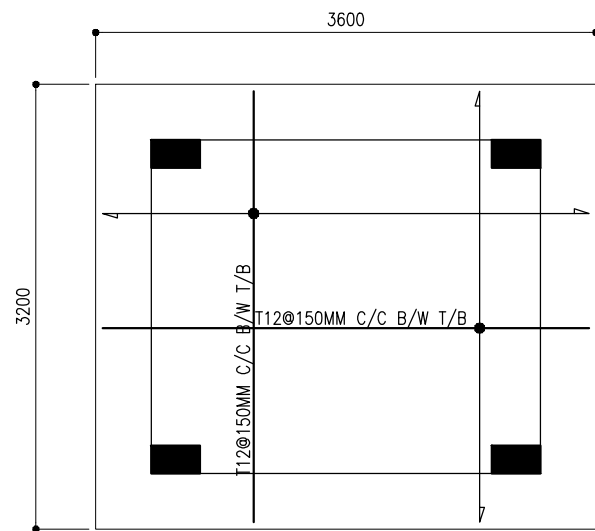
MINISTRY OF ISLAMIC AFFAIRS		
DESIGN AND CONSULTANCY: SIARCH PRIVATE LIMITED CONSULTANTS: MUHAMMAD ABDEL MALIK EMAIL: INFO@SIARCH-DESIGN.COM HTTP://WWW.SIARCH-DESIGN.COM		
KEY PLAN:		
		
WARNING: <ul style="list-style-type: none">- This drawing shall not be used for construction unless certified.- Contractor to verify all dimensions of existing works on site before commencing any work or preparing shop drawings.- Do not scale drawings, use written dimensions only.- This drawing is to be read in conjunction with the specifications and conditions of contract.- This drawing and design is copyright and no portion may be reproduced without the permission of the Consultant		
REVISIONS		
NO	DESCRIPTION	DATE
PROJECT:		
500 PAX MOSQUE DESIGN		
PHASE: <ul style="list-style-type: none"><input type="radio"/> CONCEPT DESIGN<input type="radio"/> DESIGN DEVELOPMENT<input checked="" type="radio"/> TENDER DOCUMENT<input type="radio"/> FOR CONSTRUCTION<input type="radio"/> AS BUILD DOCUMENT		
DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SAROCH PVT LTD	
STR. ENGINEER	MUSKAN SHARAN	
CHIEF ARCHITECT	MOHAMED SIRAJ	
CHECKED	FOR CONSTRUCTION	
DRAWN	YESHKA	
DWG. NAME:		
STRUCTURAL		
TIE BEAM & SLAB PLAN		
CODE : COM-32	DATE : 27-02-2021	DWG. NO : ST03
FORMAT : A1 X2 X3		
SCALE : 1/100	ISSUE : A	
PDF FILE NAME: COM-32_ST03_A		



NOTE:
COVER TO FOUNDATION = 50MM
COVER TO SLAB = 25-30MM
COVER TO BEAM = 30-35MM
COVER TO COLUMN = 35-40MM
BEAMS BEND-UP BARS = 12XDIA
ANCHOR BARS = 55XDIA
LAPPING BARS = 45XDIA
MID BARS = 0.85 X SPAN
SUPPORT BARS = 1/3 X SPAN
MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE

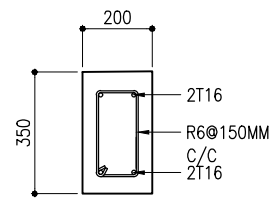
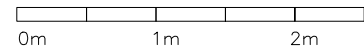
CODE COM-32	DATE 27-02-2021			DWG. NO: ST04
FORMAT	A1	A2	A3	
SCALE	-	1:100	-	ISSUE A

PDF FILE NAME: COM-32_ST04_A



FOUNDATION PLAN

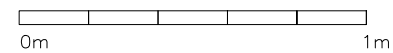
SCALE 1:50



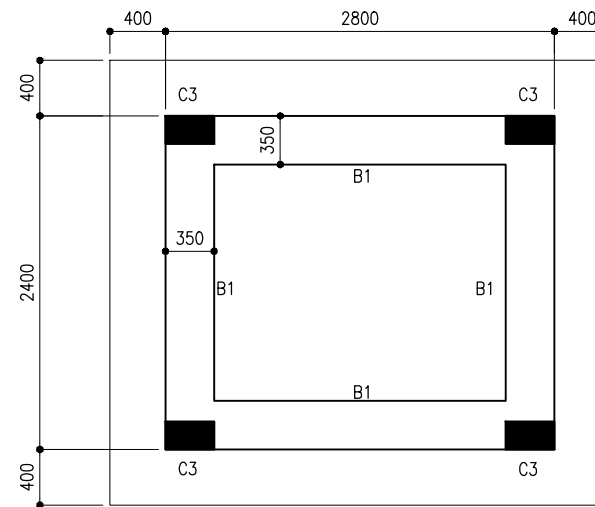
C3

COLUMN DETAILS

SCALE 1:20

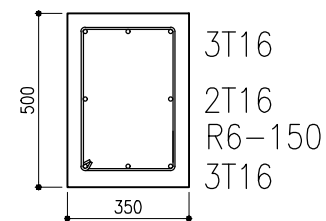
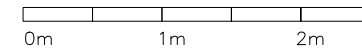


NOTE:
RAFT =3.2MX3.6MX2M
T12@150MM C/C B/W T/B
FOUNDATION DEPTH =2.5M
GROUND SLAB=150MM THICK
T10@200C/C B/W B



TYPICAL BEAM PLAN

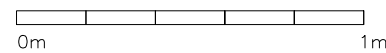
SCALE 1:50



BEAM (B1)

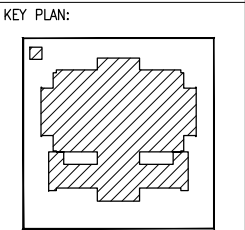
BEAM DETAILS

SCALE 1:20



CLIENT:
MINISTRY OF ISLAMIC AFFAIRS

DESIGN AND CONSULTANCY:
SIARCH
PRIVATE LIMITED
LONUZUVAIRAY MAGUMALE,20075,MALDIVES
EMAIL: INFO@SIARCH.DESIGN
HTTP://WWW.SIARCH.DESIGN



- WARNING:
- This drawing shall not be used for construction unless certified.
 - Contractor to verify all dimensions of existing works on site before commencing any work or preparing shop drawings.
 - Do not scale drawings, use written dimensions only.
 - This drawing is to be read in conjunction with the specifications and conditions of contract.
 - This drawing and design is copyright and no portion may be reproduced without the permission of the Consultant

REVISIONS		
NO	DESCRIPTION	DATE

PROJECT:

PROPOSED
MOSQUE @
K. HIMMAFUSHI

- PHASE:
- ☐ CONCEPT DESIGN
 - ☐ DESIGN DEVELOPMENT
 - ☒ TENDER DOCUMENT
 - ☐ FOR CONSTRUCTION
 - ☐ AS BUILD DRAWINGS

DESIGNATION	NAME	SIGNATURE
PROJECT MANAGER	SIARCH PVT LTD	
STR. ENGINEER	HUSSAIN SHIHAN	
CHIEF ARCHITECT	MOHAMMED SHAMIN	
CHECKED	MOHAMMED SIRAJ	
DRAWN	YASHIKA	

DWG. NAME:

ARCHITECTURAL

MINERAT DETAILS

CODE	DATE	DWG. NO:
COM-32	27-02-2021	ST05
FORMAT	A1 A2 A3	
SCALE	- - 1:100	ISSUE A
PDF FILE NAME:		COM-32_ST05_A