

1.0 GENERAL

- 1.1 READ THIS DRAWING IN CONJUNCTION WITH OTHER GENERAL NOTES DRAWINGS. THE NOTES CONTAINED IN THIS SHEET PERTAIN TO ALL DRAWINGS LISTED UNDER CIVIL AND STRUCTURAL WORKS. IF A CONFLICT OCCURS BETWEEN GENERAL SPECIFICATIONS AND ANY OF THESE DRAWINGS, THE INDIVIDUAL DRAWINGS SHALL GOVERN.
- 1.2 CIVIL AND STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, ARCHITECTURAL AND SERVICES ENGINEER'S DOCUMENTS AND DRAWINGS. ANY DISCREPANCIES IN THE DRAWINGS SHOULD BE REPORTED TO THE EMPLOYER'S PERSONNEL.
- 1.3 FOR SETTING OUT DIMENSIONS REFER TO ARCHITECTURAL DRAWINGS. NO DIMENSIONS ARE TO BE OBTAINED FROM SCALING DRAWINGS.
- 1.4 UNLESS OTHERWISE NOTED ALL LEVELS ARE IN METERS AND ALL DIMENSIONS IN MILLIMETERS. ELEVATIONS AND COORDINATION ARE BASED ON REDUCED LEVEL (R.L.). TEMPORARY BENCH MARK (T.B.M.) SHALL BE ESTABLISHED AND AGREED WITH THE RESIDENT ENGINEER AND THE LOCAL AUTHORITY PRIOR TO COMMENCEMENT OF WORKS.
- 1.5 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE UNTIL ITS COMPLETION AND SHALL ENSURE THAT NO PART OF THE STRUCTURE IS OVERSTRESSED DURING ERECTION.
- 1.6 ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT BRITISH CODES OF PRACTICE UNLESS MORE ONEROUS REQUIREMENTS ARE GIVEN IN THE PROJECT DRAWINGS/ SPECIFICATIONS.
- 1.7 ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- 1.8 INVERT LEVELS FOR MANHOLE SUMPS TO BE CONFIRMED WITH SERVICES DRAWINGS AND SHALL BE COORDINATED WITH EXISTING SERVICES.
- 1.9 LOCATIONS AND SIZES OF WALL AND SLAB OPENINGS FOR M&E DUCTING TO BE CONFIRMED WITH M&E DRAWINGS.
- 1.10 BASED ON THE DRAWINGS AND SPECIFICATIONS THE CONTRACTOR SHALL PRODUCE STRUCTURAL SHOP DRAWINGS FOR APPROVAL IF REQUESTED.
- 1.11 ALL PROPS AND FORMWORK FOR BEAMS AND SLABS SHALL BE REMOVED BEFORE CONSTRUCTION OF ANY MASONRY WALLS OR OTHER PERMANENT LOADING ON THE SLAB.
- 1.12 ALL NON-LOAD BEARING WALLS SHALL BE KEPT CLEAR OFF THE UNDERSIDE OF SLABS AND BEAMS BY 30mm. THE JOINT SHALL BE FILLED WITH FIBRE BOARD OR COMPRESSIBLE MATERIAL PRESSED METAL COVERING BOTH SIDES OF THE JOINT AND THE METAL COVERING SHALL BE FIXED TO SOFFIT OF THE BEAM OR SLAB AS THE CASE MAY BE.

FOUNDATION

- 1.15 FOUNDATION HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 230 KN/m²
- 1.16 ALL BACKFILL SHOULD BE DONE WITH APPROVED MATERIAL AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- 1.17 WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- 1.18 IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- 1.19 IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE SITE AND LOWERING THE GROUND WATER TO AT LEAST 70cm BELOW LEVEL OF FOUNDATIONS.
- 1.20 THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD.
- 1.21 NO BACKFILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

1.22 ABBREVIATIONS

APPROX	-APPROXIMATE
B	-BEAM
B.W.	-BOTH WAYS
BOT OR BTM	-BOTTOM
BOB	-BOTTOM OF BASE
BOS	-BOTTOM OF STEEL
BOT	-BOTTOM OF TRUSS
(B1)	-BOTTOM STEEL BOTTOM REINFORCEMENT
(B2)	-BOTTOM STEEL TOP REINFORCEMENT
BLDG	-BUILDING
CL	-CENTER LINE
C/C	-CENTER TO CENTER
C	-COLUMN
CO-ORD	-CO-ORDINATE
DPC	-DAMP PROOF COURSE
DET OR DTL	-DETAIL
DIA	-DIAMETER
D/B	-DISTRIBUTION BAR
DWG	-DRAWING
EF	-EACH FACE
EW	-EACH WAY
EL	-ELEVATION (HEIGHT)
ELEV	-ELEVATION (VIEW)
FF	-FAR FACE
FS	-FAR SIDE
FW	-FILLET WELD
FFL	-FINISHED FLOOR LEVEL
FDN OR FND	-FOUNDATION
FB	-FOUNDATION BEAM
GA	-GENERAL ARRANGEMENT
GL	-GALVANIZED IRON
IL	-INVERT LEVEL
LG	-LONG OR LENGTH
MAX	-MAXIMUM
MKD	-MARKED
MIN	-MINIMUM
MISC	-MISCELLANEOUS
N/F	-NEAR FACE
N/S	-NEAR SIDE
NOM	-NOMINAL
NTS	-NOT TO SCALE
Nos	-NUMBERS
O/D	-OUTSIDE DIAMETER
PL	-PAVEMENT LEVEL
PROJ	-PROJECTION
QTY	-QUANTITY
RAD	-RADIUS
R.C.	-REINFORCED CONCRETE
REQ'D	-REQUIRED
SW	-SHEAR WALL
STIFF	-STIFFENER
SQ	-SQUARE
SFL	-STRUCTURAL FINISH LEVEL
THK	-THICK (NESS)
TEMP	-TEMPORARY
TOB	-TOP OF BEAM
TOC	-TOP OF COLUMN
TOG	-TOP OF GROUT
TO Platf	-TOP OF PLATFORM
TS	-TOP OF SLAB
TOS	-TOP OF STEEL
TOT	-TOP OF TRUSS
TYP	-TYPICAL
US	-UNDERSIDE
UNO	-UNLESS NOTED OTHERWISE
(T1)	-TOP STEEL TOP REINFORCEMENT
(T2)	-TOP STEEL BOTTOM REINFORCEMENT
(UPB)	-UPSTAND BEAM

2.0 REINFORCED CONCRETE

- 2.1 THE CONTRACTOR IS REQUIRED TO SUBMIT A DRAWING SHOWING THE INTENDED SEQUENCE OF POURING, LOCATION AND DETAILS OF CONSTRUCTION JOINTS TO MINIMIZE THE PROBABILITY OF OCCURRENCE OF SHRINKAGE CRACKS.
- 2.2 STRUCTURAL CONCRETE SHALL UNLESS NOTED OTHERWISE HAVE FOLLOWING GRADES TO BS 8110 AND AGGREGATES SHALL BE TO BS 882 WITH A NOMINAL SIZE AS SHOWN.

STRUCTURAL ELEMENT	f _{cu} (N/mm ²)	AGGREGATE NOMINAL SIZE
RAFT (BEAM & SLAB)	40	
COLUMN	40	
R.C. WALL	35	
INSITU BEAMS	35	20
SLABS	35	
STIFFENER & LINTEL	30	
MASS CONCRETE	25	
LEAN CONCRETE	15	

- 2.3 CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.
- 2.4 50mm BLINDING CONCRETE SHALL BE GRADE 15 TO BS 8110 MARINE AGGREGATES/SAND SHALL NOT BE USED (CHARACTERISTICS STRENGTH f_{cu}=15N/mm² AND SHALL BE PLACED BENEATH ALL GROUND BEAMS, RAFT STRUCTURE AND BASES OF TRENCHES BEFORE LAYING OF REINFORCEMENT UNO.
- 2.5 MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	75
RAFT BEAM & SLAB (INTERNAL FACE)	50
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

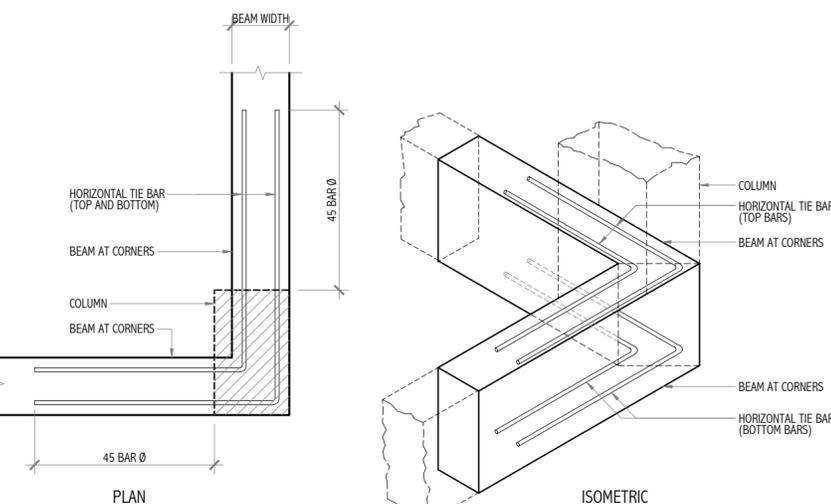
NOTE: EARTH FACE OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

- 2.6 REINFORCEMENT STEEL SHALL BE HOT ROLLED STEEL TO BS 4449 AS FOLLOWS:
MILD STEEL GRADE 250, f_y = 250 N/mm² DENOTED AS R
HIGH TENSILE DEFORMED GRADE 460, f_y = 460 N/mm² DENOTED AS T
WELDED STEEL MESH TO BS 4483, f_y = 485 N/mm² DENOTED AS WM
- 2.7 BAR DIAMETERS ARE EXPRESSED IN MILLIMETERS.
- 2.8 BENDING OF REINFORCEMENTS SHALL BE IN ACCORDANCE WITH BS 4466.
- 2.9 REINFORCEMENT IS NOTED AS FOLLOWS:
10-R12-300(T). THIS DENOTES 10 Nos. 12mm DIAMETER MILD STEEL BARS AT 300mm CENTERS PLACED AT THE TOP.
- 2.10 ALL GROUTING SHALL BE 25mm THICK USING A 1:2 CEMENT/SAND MIXTURE UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS. (GRADE 43A TO BS 4360) AND HOT-DIPPED GALVANIZED U.N.O. ANCHOR BOLTS SHALL BE PLUMBED
- 2.11 APPROVED NON-SHRINK GROUT SHALL BE USED. GROUT CONTAINING METAL PARTICLES SHALL NOT BE USED.
- 2.12 ANCHOR BOLTS SHALL BE BOLT GRADE 4.6 IN STEEL MATERIAL OR GRADE S275 TO BS EN 10025 AND WITHIN 1mm OF THE POSITIONS AND LEVELS ON THE DESIGN DRAWINGS.
- 2.13 WATERPROOFING SYSTEM AS SPECIFIED IN THE SPECIFICATIONS SHALL BE USED IN STRUCTURAL ELEMENTS WHICH ARE CONTINUOUSLY IN CONTACT WITH SOIL OR WATER, LIFT PIT, ROOF SLAB, R.C. RETAINING WALL AND RAFT ETC.
- 2.14 APPROVED SELF-LEVELLING FREE FLOW PRECISION GROUTING SHALL BE USED TO LEVEL TOP OF WATER TANK CONCRETE PLINTHS IF NECESSARY.
- 2.15 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

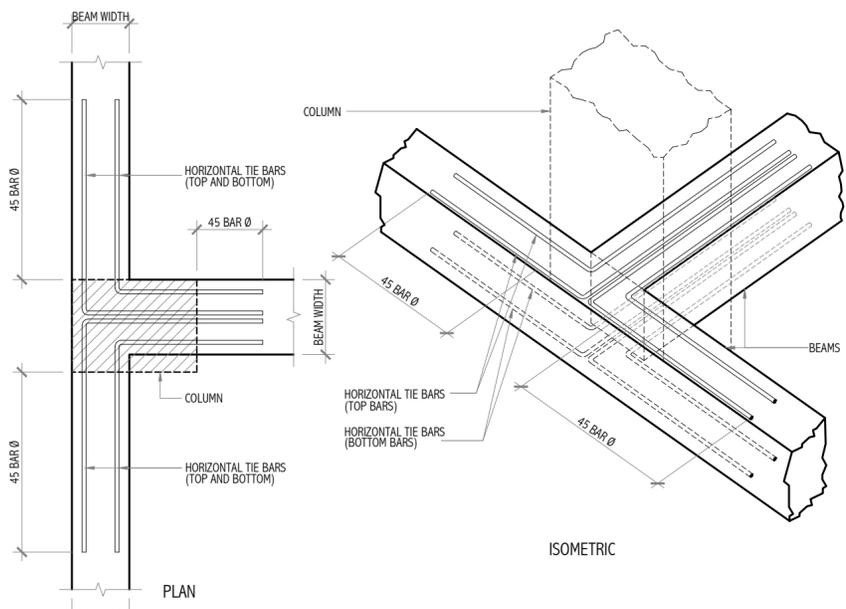
	BAR GRADE 460
TENSION	560
COMPRESSION	400

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- 2.16 DISTRIBUTION BARS FOR SLABS ARE T10 @ 300 C/C UNO.
- 2.17 TO PROVIDE INTEGRAL SEALING BETWEEN CONCRETE CAST INSITU IN SEPARATE POUR, APPROVED WATERSTOP HAS TO BE INSTALLED FOR ALL CONSTRUCTION JOINTS IN CONTACT WITH WATER AND SOIL.
- 2.18 ONE LAYER OF 0.6mm PLASTIC SHEET ACTING AS DPM SHOULD BE PROVIDED AT AREAS WHERE GROUND FLOOR SLAB ARE IN CONTACT WITH SOIL.
- 2.19 R.C. RETAINING WALLS SHALL HAVE T12 @ 150 C/C VERTICAL BARS AND T12 @ 200 C/C HORIZONTAL BARS UNLESS NOTED OTHERWISE.
- 2.20 R.C. WALLS SHALL HAVE T12 @ 150 C/C VERTICAL BARS AND T10 @ 200 C/C HORIZONTAL BARS UNLESS NOTED OTHERWISE.
- 2.21 NO OPENING HOLES CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE IN THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR APPROVAL.
- 2.22 NO ELECTRICAL CONDUIT AND PIPES ARE TO BE CAST IN COLUMNS OR THROUGH BEAMS WITHOUT PRIOR APPROVAL UNLESS OTHERWISE SHOWN IN THE DRAWINGS.
- 2.23 SPECIAL RULES REGARDING CONCRETING IN HOT WEATHER SHALL BE OBSERVED.



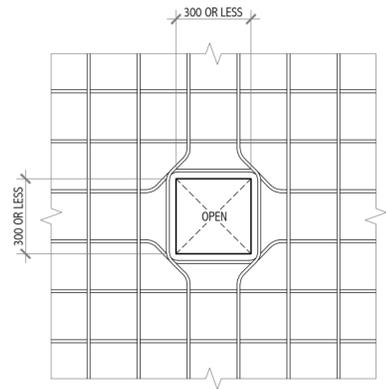
HORIZONTAL TIE BAR DETAIL-1
SCALE 1:20



HORIZONTAL TIE BAR DETAIL-2
SCALE 1:20

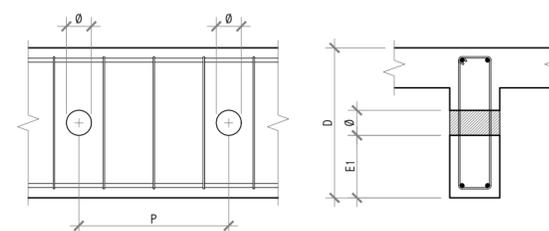
- NOTE:
- 1.) LAPS MUST BE STAGGERED
 - 2.) BARS OF TOP COLUMN LAPPED WHEN DISTANCE "X" IS LESS THAN OR EQUAL TO 50mm.
 - 3.) BARS OF TOP COLUMN ANCHORED INTO BOTTOM COLUMN WHEN DISTANCE "X" BETWEEN BAR OF BOTTOM COLUMN IS THAN 50mm.
 - 4.) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL CONNECTION DETAILS TO CLIENTS ENGINEER FOR APPROVAL.

LEGEND:
 ===== = TOP COLUMN BARS
 - - - - - = BOTTOM COLUMN BARS

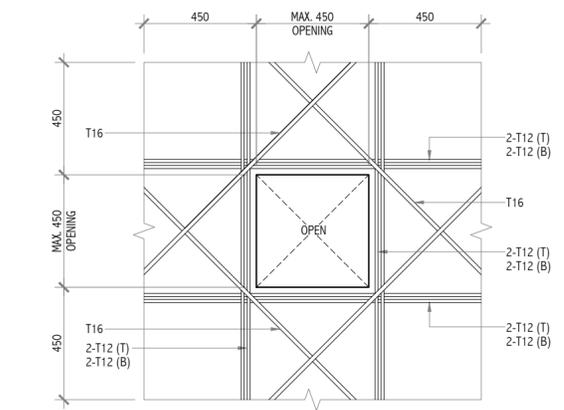


TYPICAL FLOOR SLAB OPENING DETAIL (LESS THAN 300mm)
SCALE 1:20

- 1. IN CASE OF PIPE Ø < 100mm; APPLICABLE FOR D ≥ 400mm
P ≥ 40, E1 ≥ D/3 PIPE BELOW FLANGE

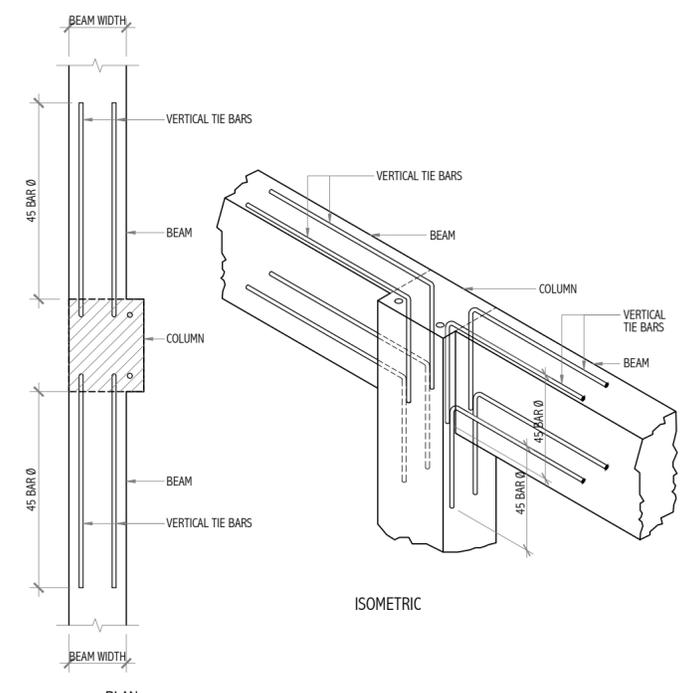
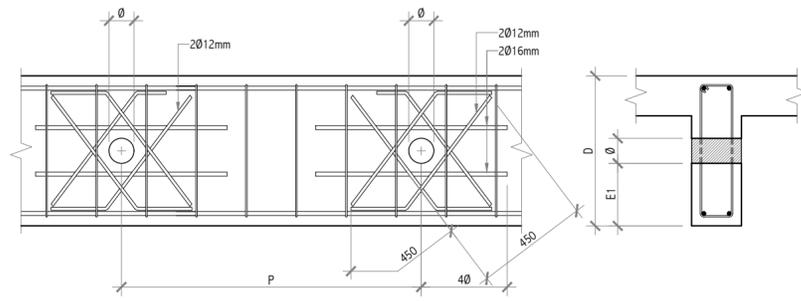


TYPICAL BEAM SLEEVES OPENING DETAILS
SCALE 1:20



TYPICAL FLOOR SLAB OPENING DETAIL (LESS THAN 450mm)
SCALE 1:20

- 2. IN CASE OF PIPE Ø 100mm ≥ Ø ≥ D/4; APPLICABLE FOR D ≤ 400mm
P ≥ 40, E1 ≤ D/3 PIPE BELOW FLANGE



VERTICAL TIE BAR DETAIL-2
SCALE 1:20

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives
 Project Title: Court Complex Building in Addu City

Building Name: ADDU COURT COMPLEX
 Drawing Title: GENERAL NOTES 01

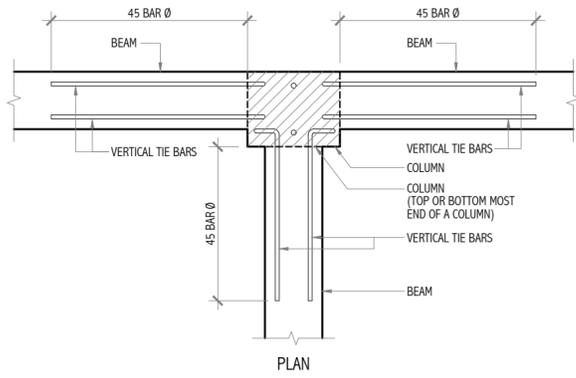
Scale: AS SHOWN
 Discipline: STRUCTURAL
 Stage: SUBMISSION

Originally drawn By: HOMER
 Checked By: SHAREEF
 Date: SEPTEMBER 2021
 Designed by: AHMED

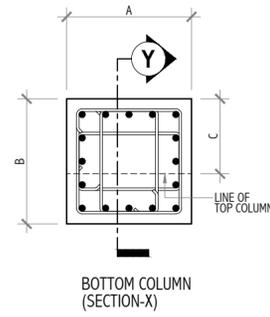
Drawing Number: 21-001

Revision Number: R01
 File Name: H9-21-001R01.dwg

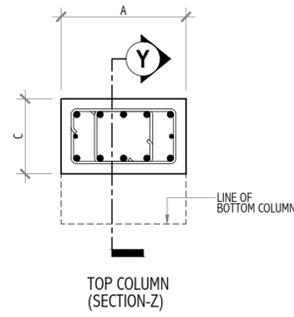
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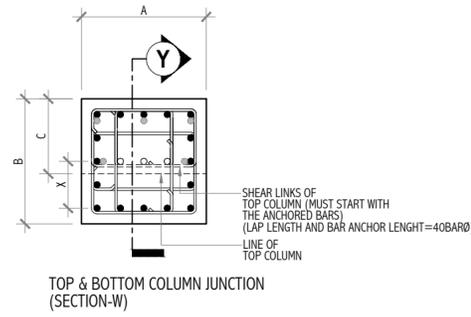
PLAN



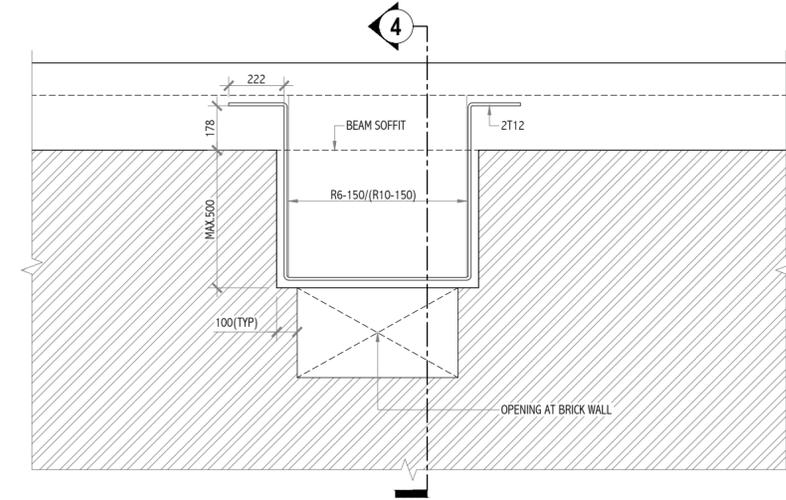
BOTTOM COLUMN (SECTION-X)



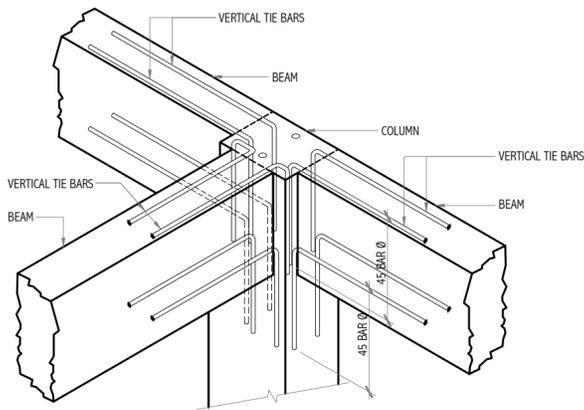
TOP COLUMN (SECTION-Z)



TOP & BOTTOM COLUMN JUNCTION (SECTION-W)

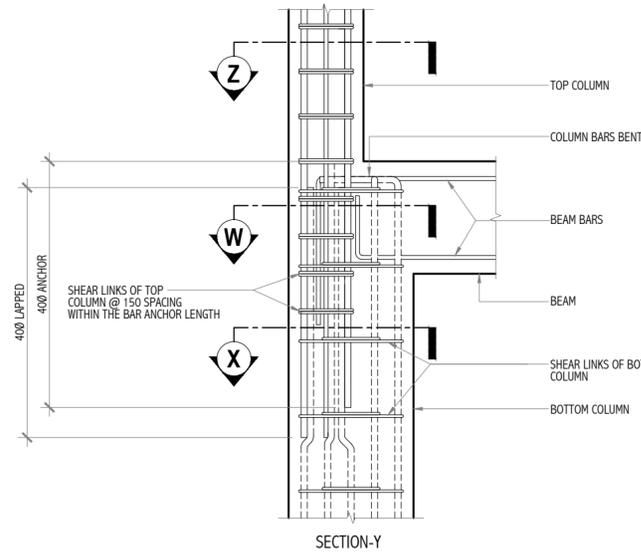


TYPICAL LINTEL BEAM DETAILS FOR OPENINGS CLOSE TO R.C. BEAM
SCALE 1:20



ISOMETRIC

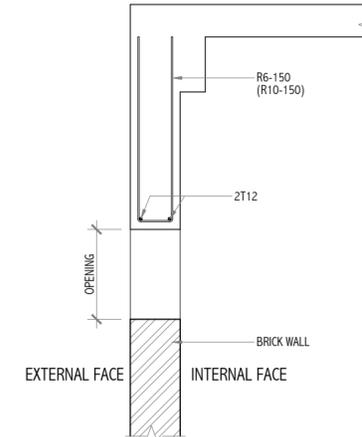
VERTICAL TIE BAR DETAIL-1
SCALE 1:20



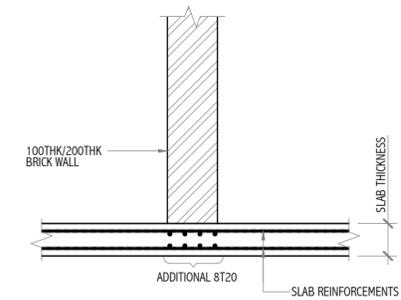
TYPICAL COLUMN SIZE REDUCING SPLICE DETAIL
SCALE 1:20

NOTE:
1.) LAPS MUST BE STAGGERED
2.) BARS OF TOP COLUMN LAPPED WHEN DISTANCE "X" IS LESS THAN OR EQUAL TO 50mm.
3.) BARS OF TOP COLUMN ANCHORED INTO BOTTOM COLUMN WHEN DISTANCE "X" BETWEEN BAR OF BOTTOM COLUMN IS THAN 50mm.
4.) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL CONNECTION DETAILS TO CLIENTS ENGINEER FOR APPROVAL.

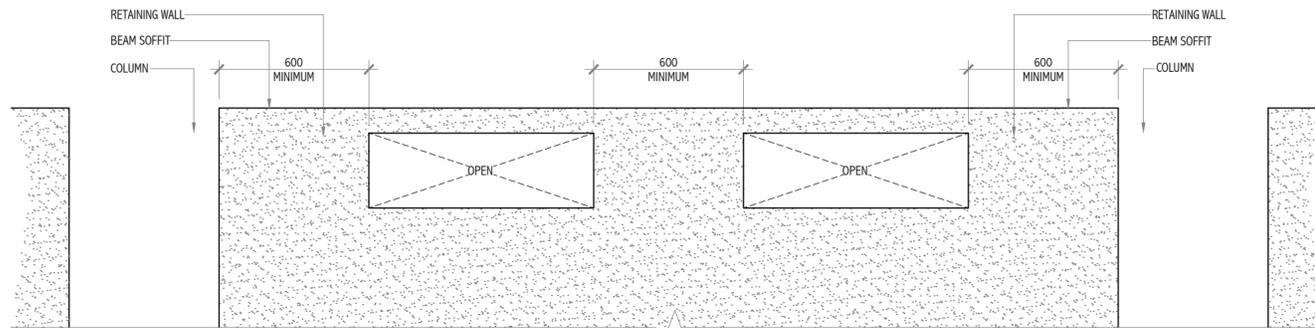
LEGEND:
—— = TOP COLUMN BARS
- - - - = BOTTOM COLUMN BARS



SECTION-4
SCALE 1:20

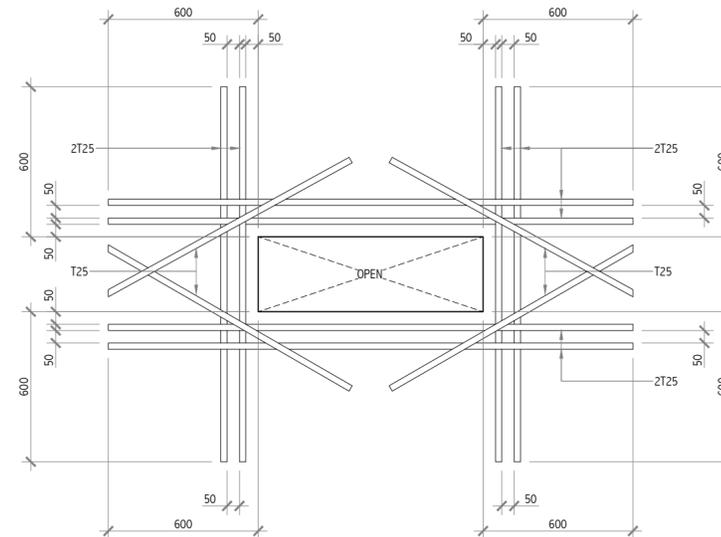


TYPICAL SECTION OF SUSPENDED SLAB UNDER BRICKWALL DETAIL
SCALE 1:20



ELEVATION

NOTE:
1.) A MINIMUM GAP OF 600mm MUST BE PROVIDED BETWEEN PILLARS/COLUMN AND OPENING AND BETWEEN TWO OPENINGS.
2.) GAP BETWEEN TWO BARS MUST BE 50mm.
3.) WHERE 600mm STRAIGHT RUN OF ANCHOR IS NOT ACHIEVED, BARS MAY BE ANCHORED INTO BEAM AND BENT 90°.
4.) EXCEPT FOR THE GRILLED VENT OPENINGS, RETAINING WALL MUST BE CONTINUOUS AND CAST MONOLITHIC TO THE ADJOINING SLABS, BEAMS AND COLUMNS WITH ITS REINFORCEMENT FULLY ANCHORED INTO THESE ELEMENTS.



TYPICAL RETAINING WALL OPENING REINFORCEMENT DETAIL
SCALE 1:20

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City

Building Name: ADDU COURT COMPLEX
Drawing Title: GENERAL NOTES 02

Scale: AS SHOWN
Discipline: STRUCTURAL
Stage: SUBMISSION

Originally drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Designed By: AHMED

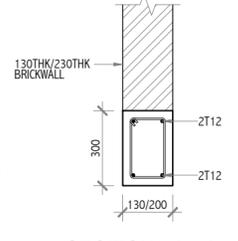
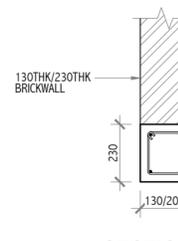
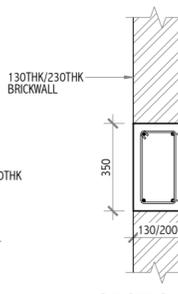
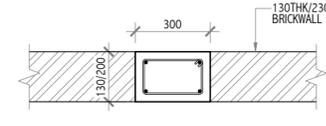
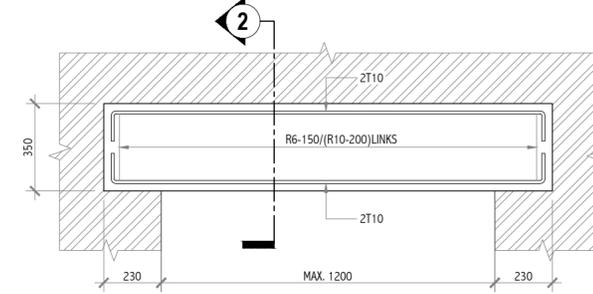
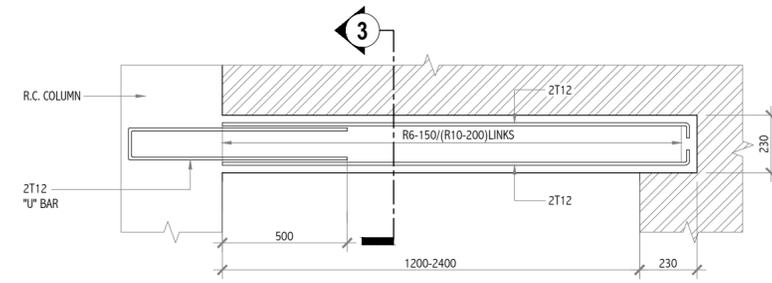
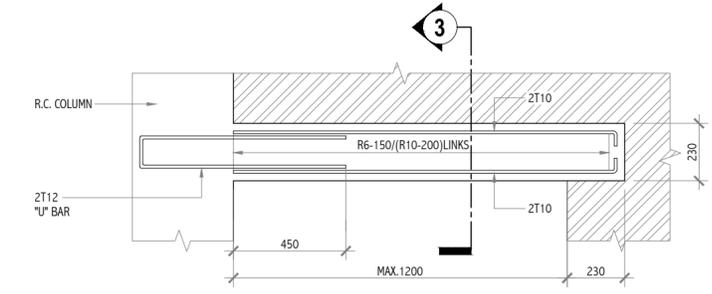
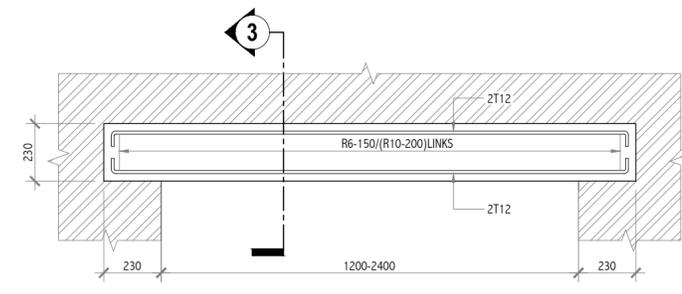
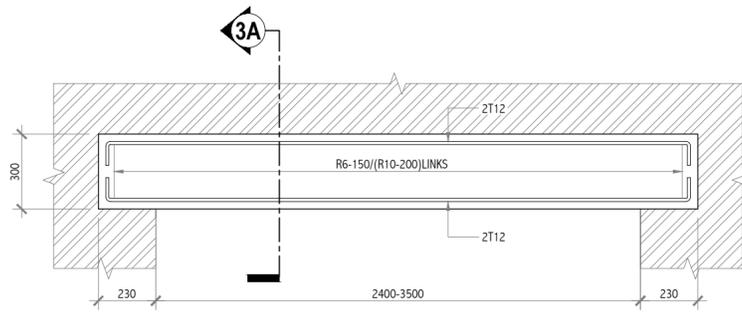
Drawing Number: 21-002

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SECTION 1-1
SCALE 1:20

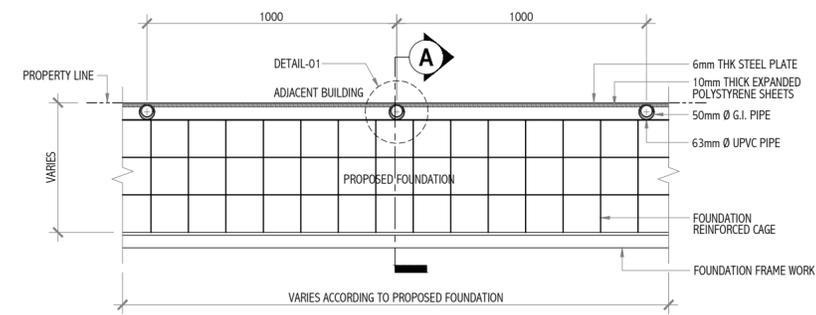
SECTION 2-2
SCALE 1:20

SECTION 3-3
SCALE 1:20

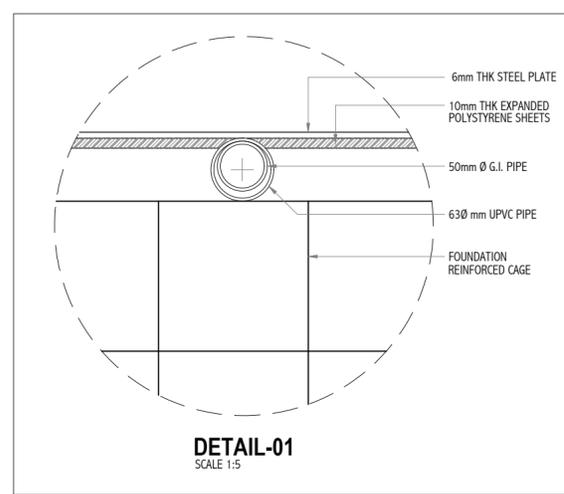
SECTION 3A-3A
SCALE 1:20

TYPICAL LINTEL BEAM DETAILS
SCALE 1:20

1.0 EXCAVATION & SHORING



SHORING DETAIL PLAN
SCALE 1:20



DETAIL-01
SCALE 1:5

METHOD OF PROTECTING ADJACENT STRUCTURES DURING EXCAVATION

WHERE ADJACENT BUILDING IS LESS THAN 3 STOREY HIGH OR WHERE ADJACENT FOUNDATION IS BELOW THE DEPTH OF THE PROPOSED FOUNDATION

- BEFORE THE LEVEL OF EXCAVATION REACHES THE BOTTOM OF THE ADJACENT FOUNDATION, PLACE THE STEEL PLATE AGAINST THE ADJACENT PROPERTY AND DRIVE THE UPRIGHT G.I. PIPES (WITH THE UPVC SLEEVES) INTO THE GROUND.
- DRIVE THE STEEL PLATES 400-500 mm INTO THE GROUND
- EXCAVATE ANOTHER 300mm DEEPER.
- DRIVE THE STEEL PLATE ANOTHER 300mm DEEPER.
- FOLLOW THIS PROCEDURE UNTIL THE REQUIRED DEPTH, AS SHOWN IN THE DIAGRAM, IS REACHED.
- PROP THE G.I. PIPES USING WALING AND RAKING SHORES AS SHOWN IN THE DIAGRAM.
- POUR THE FOUNDATION.
- AFTER 3 DAYS REMOVE THE UPRIGHT G.I. PIPES AND PLACE THE WALING AGAINST THE STEEL SHEET, USING RAKING SHORES AS BEFORE.
- GROUT THE SPACE INSIDE UPVC PIPES.
- WHILE BACKFILLING, REMOVE STEEL SHEETS AND RAKING SHORES.

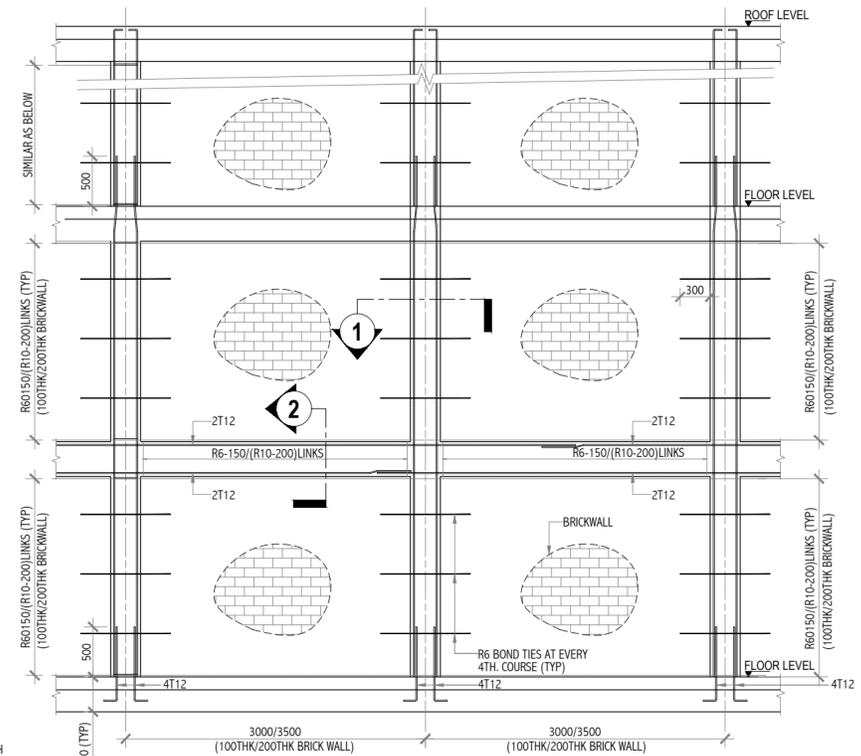
NOTE: STEEL PLATES MAY REQUIRE STIFFENING WITH WELDED ANGLES IN BOTH DIRECTIONS. EXCAVATION & SHORE PROTECTION MUST PROCEED IN PORTIONS, DECIDED BASED ON SITE CONDITIONS FOR MAXIMUM SAFETY & PROTECTION.

2.0 MISCELLANEOUS AND WATERPROOFING

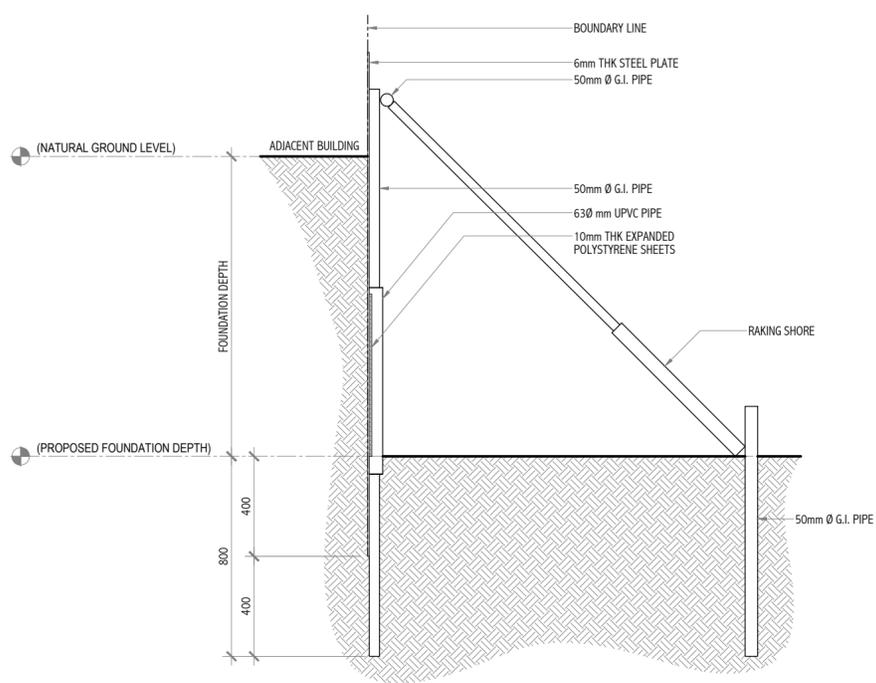
- THE CONTRACTOR IS REQUIRED TO SUBMIT COORDINATED M&E PENETRATION DRAWINGS FOR APPROVAL. TRIMMING BARS FOR BEAM AND SLAB OPENING SHALL BE PROVIDED ACCORDINGLY TO STANDARD DETAILS.
- NON-STRUCTURAL REINFORCED CONCRETE ELEMENTS ARE NOT COMPLETELY SHOWN IN THE STRUCTURAL DRAWINGS. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR THE LOCATION OF SUCH ELEMENTS.
- REFER TO ARCHITECTURAL DRAWINGS FOR RAIN WATER DOWNPIPE LOCATION.
- ALL GROUND SLAB, BEAM AND WALL IN CONTACT WITH SOIL AND/OR WATER SHALL BE APPLIED WITH SPECIFIED WATERPROOFING. ALL CONSTRUCTION JOINTS IN THE SLAB AND WALL SHALL BE PROPOSED BY THE CONTRACTOR AND APPROVED BY EMPLOYER'S PERSONNEL. WATERPROOFING DETAILS SHALL BE APPROVED BY THE EMPLOYER'S PERSONNEL. APPROVED WATERPROOFING DETAILS SHALL BE PROVIDED AT ALL CONSTRUCTION JOINT. THE COST OF WATER-PROOFING CONSTRUCTION JOINT IS DEEMED TO BE INCLUDED IN THE TENDER PRICE.
- PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR THE APPROVAL BY THE EMPLOYER'S PERSONNEL:
 - METHOD AND SEQUENCE OF CONSTRUCTION.
 - DESIGN AND CALCULATION OF TEMPORARY SUPPORT TO EXCAVATION PREPARED AND ENDORSED BY A GEOTECHNICAL PROFESSIONAL ENGINEER.
 - INSTRUMENTATION PROGRAMMED TO MONITOR SOIL MOVEMENT, WATER TABLE AND SETTLEMENT.
 - EFFECTS OF GROUND WATER LEVEL DRAIN-DOWN.
 - PRECAUTIONARY MEASURES TO AVOID DAMAGE TO NEIGHBORING BUILDING STRUCTURES.
- ROOF SHALL BE CAST TO FALL TOWARDS RAIN WATER DISCHARGE POINTS.
- R.C. FLAT ROOF STRUCTURE AND TERRACE SLAB SHALL BE WATER TIGHT AND BE WATERPROOFED WITH THE APPROVED WATERPROOFING SYSTEM. ALL CONSTRUCTION JOINT IN THE ROOF AND TERRACE SLAB SHALL BE PROPOSED BY THE CONTRACTOR FOR THE APPROVAL BY THE EMPLOYER'S PERSONNEL. ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH WATER STOP TO ENSURE WATER TIGHTNESS. 24 HOURS DURATION PONDING TESTS SHALL BE CARRIED OUT FOR THE ROOF/TERRACE STRUCTURE PRIOR TO APPLICATION OF WATERPROOFING MEMBRANE. ALL LEAKAGE AND SEEPAGE THROUGH THE ROOF/TERRACE STRUCTURE SHALL BE REPAIRED AT THE CONTRACTOR'S COST. PONDING TEST SHALL BE CARRIED OUT AGAIN AFTER THE REPAIR TO CHECK THE WATER TIGHTNESS.
- INSTALLATION OF MECHANICAL AND ELECTRICAL EQUIPMENT ON ROOF SHALL NOT WEAKEN THE WATER TIGHTNESS OF THE ROOF STRUCTURE. USE OF EXPANSION BOLT ON THE ROOF SLAB IS NOT ACCEPTABLE.

3.0 TIMBER

- TIMBER SHOULD HAVE A STRENGTH GRADE OF F8 AS PER AS1720.1-1997. MINIMUM BENDING STRENGTH, BENDING PARALLEL TO GRAIN, SHALL BE 25 N/mm². MINIMUM SHEAR STRENGTH, PARALLEL TO GRAIN, SHALL BE 2.5 N/mm². MINIMUM MOISTURE CONTENT SHALL BE 12%.



TYPICAL DETAIL OF BRICKWALL STIFFENERS
SCALE 1:50



SECTION-A
SCALE 1:20

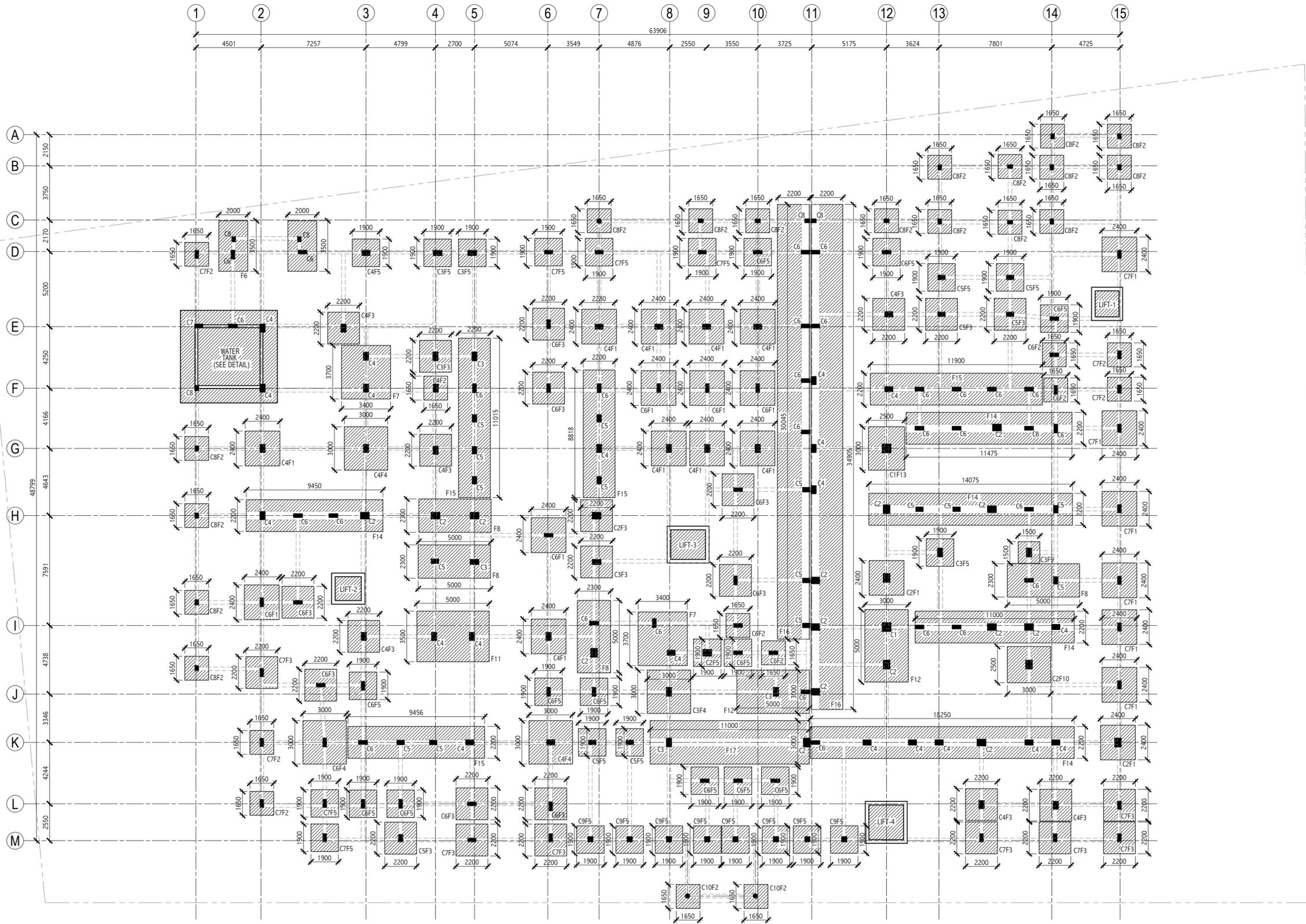
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Client: Department of Judicial Administration, Maldives
Project Title: Court Complex Building in Addu City

Building Name: ADDU COURT COMPLEX
Drawing Title: GENERAL NOTES 03

Scale: AS SHOWN
Discipline: STRUCTURAL
Stage: SUBMISSION
Originally drawn By: HOMER
Checked By: SHAREEF AHMED
Drawing Number: 21-003
Revision Number: R01
File Name: H9-21-003R01.dwg

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FOUNDATION PLAN
SCALE 1:200

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FOUNDATION PLAN

Scale: 1:200

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Design By: AHMED

Drawing Number: 21-101

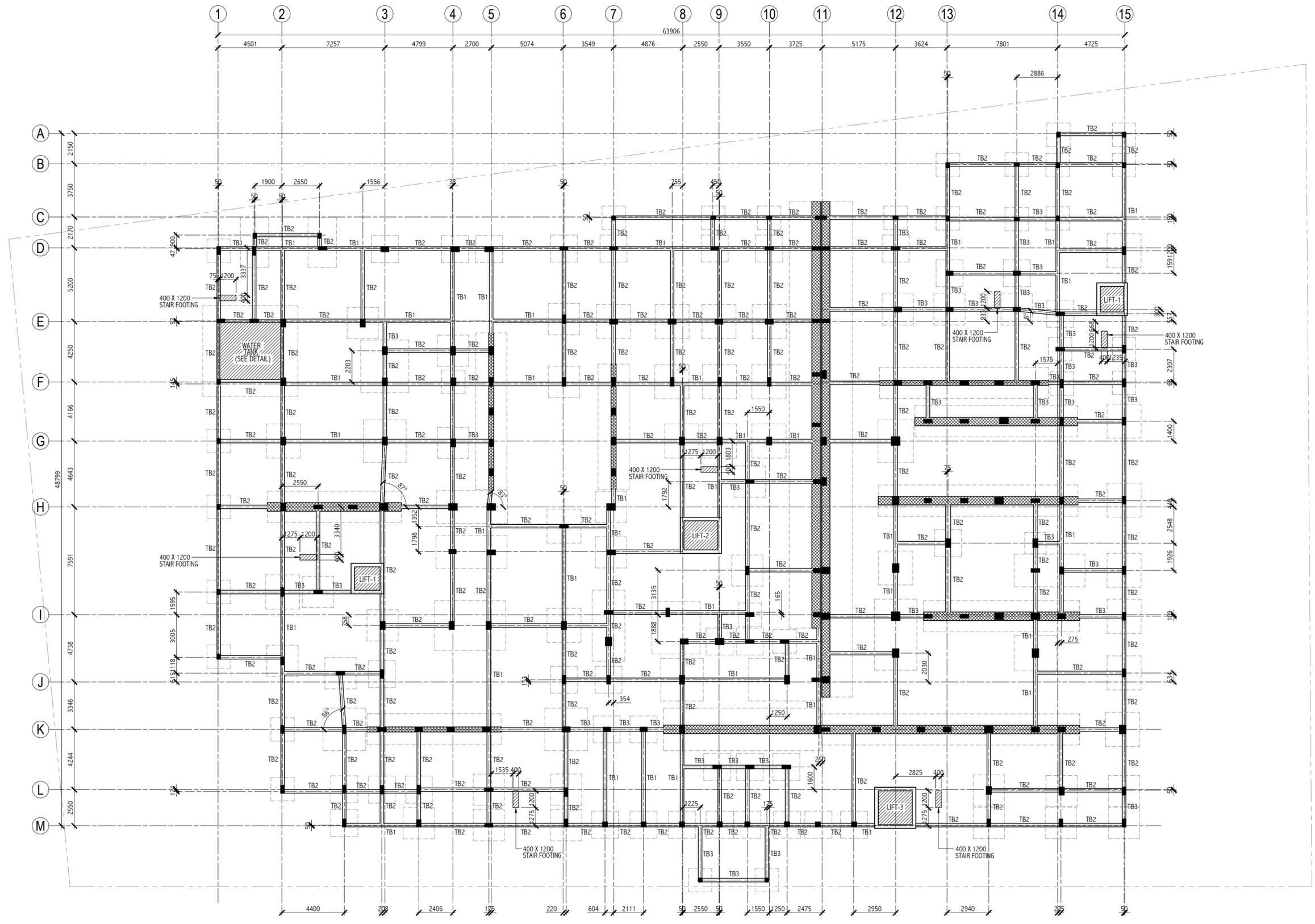
Revision Number: R01

File Name: HB-21-101R01.dwg

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TIE BEAM PLAN
SCALE 1:200



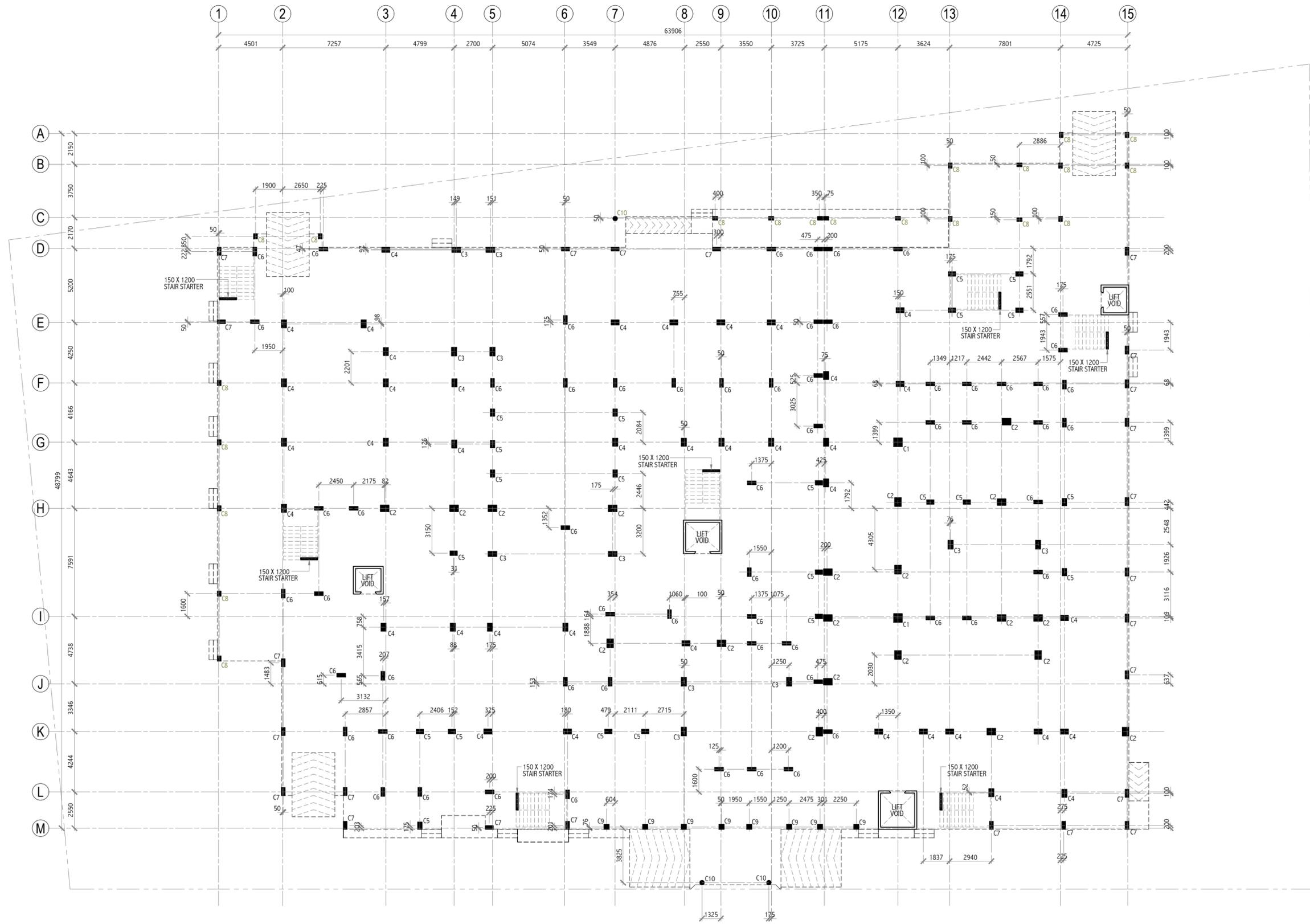
LEGEND:
 = FOOTING WEB

NOTE:
 TIE BEAM SOFFIT TO BE ON TOP OF THICKEST FOOTING.

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives
 Project Title: **Court Complex Building in Addu City,**
 Building Name: **ADDU COURT COMPLEX**
 Drawing Title: **TIE BEAM PLAN**
 Scale: 1:200
 Discipline: **STRUCTURAL**
 Stage: **SUBMISSION**
 Original Drawn By: HOMER
 Checked By: SHAREEF
 Date: SEPTEMBER 2021
 Design By: AHMED
 Drawing Number: **21-102**
 Revision Number: R01
 File Name: HB-21-102R01.dwg

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COLUMN PLAN
SCALE 1:200

0m 5m 10m 20m 30m 40m 50m

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: **Court Complex Building in Addu City,**

Building Name: **ADDU COURT COMPLEX**
Drawing Title: **COLUMN PLAN**

Scale: **1:200**

Discipline: **STRUCTURAL**

Stage: **SUBMISSION**

Original Drawn By: **HOMER** Date: **SEPTEMBER 2021**
Checked By: **SHAREEF** Design By: **AHMED**

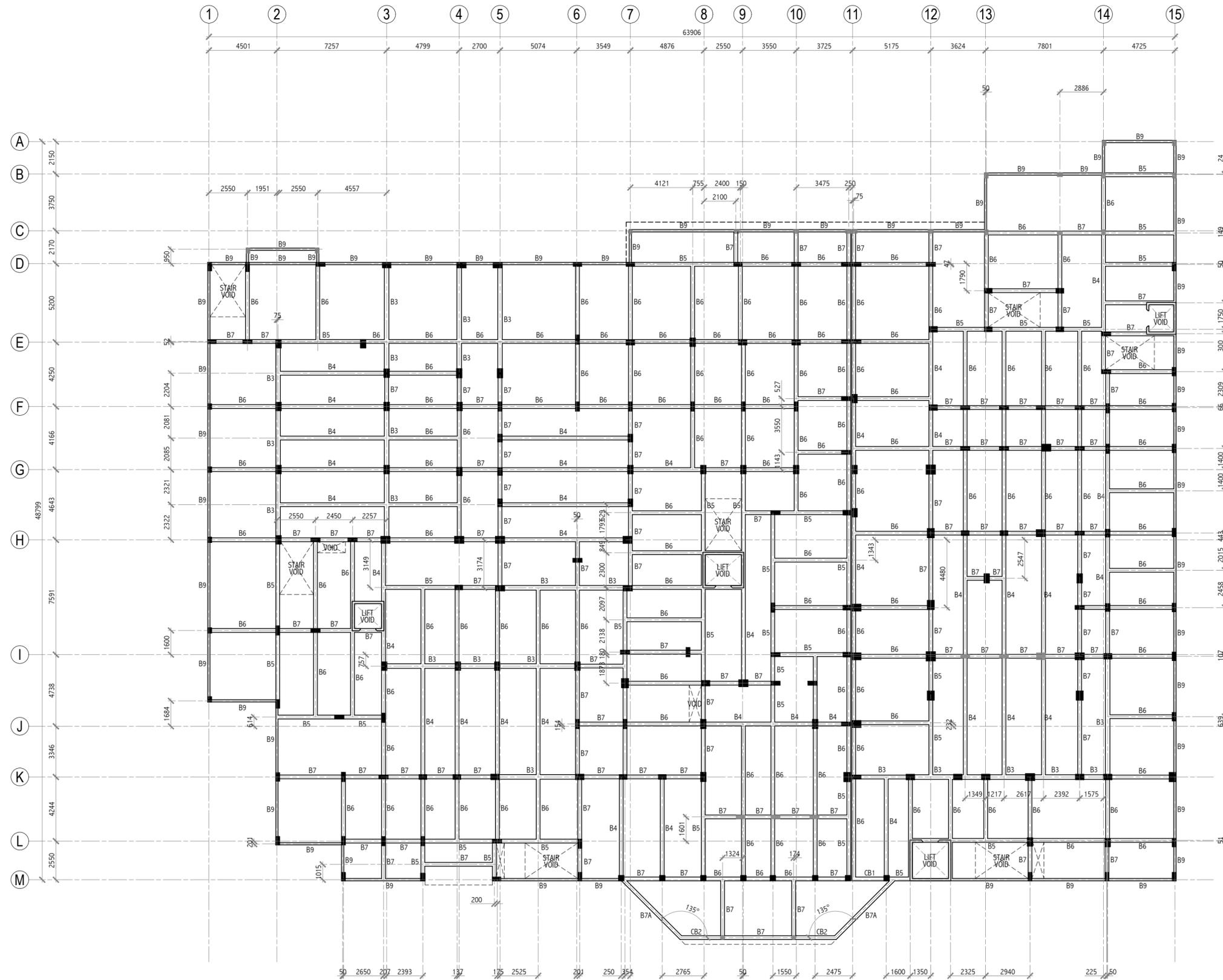
Drawing Number: **21-104**

Revision Number: **R01**
File Name: **HB-21-104R01.dwg**

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FIRST FLOOR BEAM PLAN
SCALE 1:200



Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FIRST FLOOR BEAM PLAN

Scale: 1:200

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Design By: AHMED

Drawing Number: 21-105

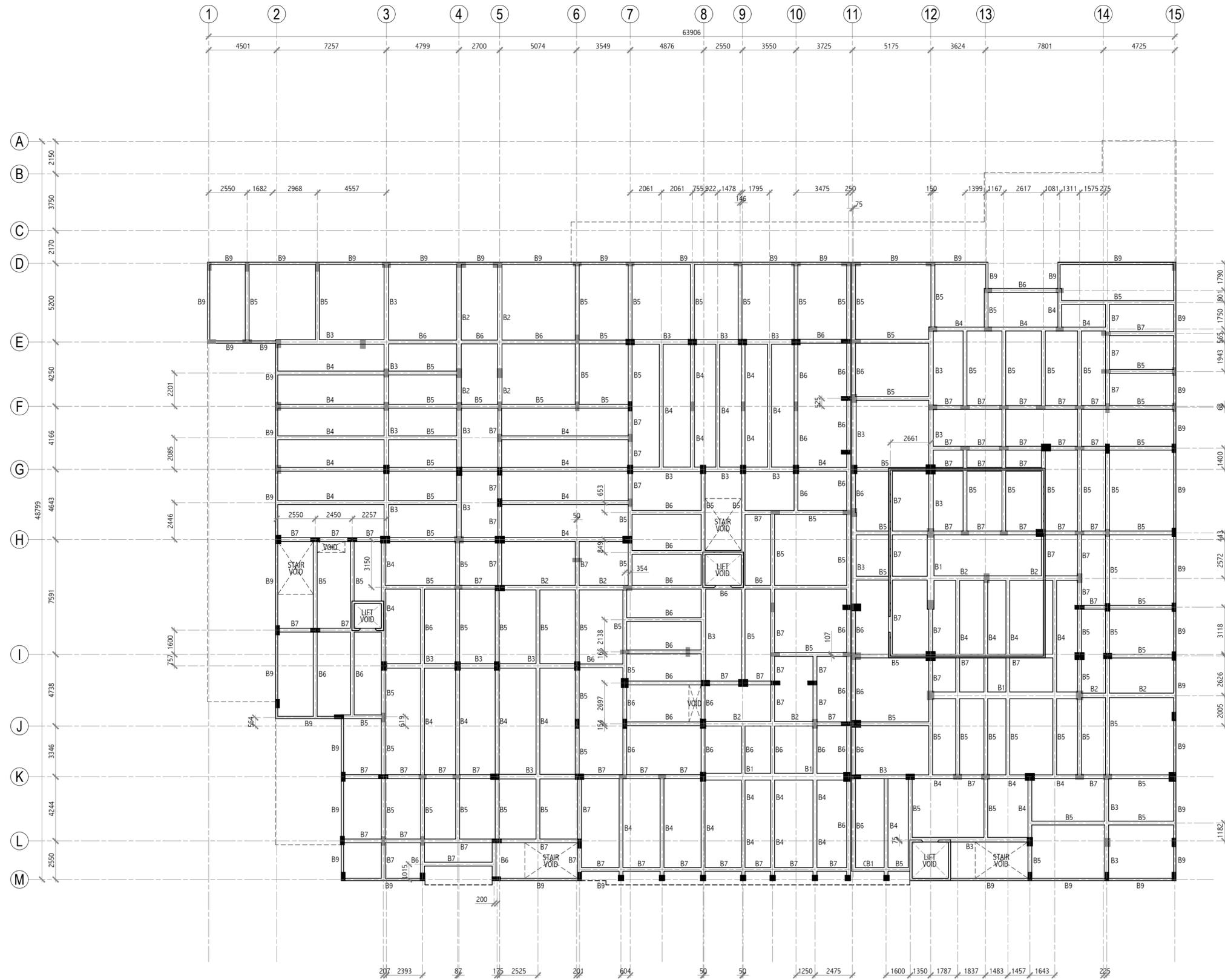
Revision Number: R01

File Name: HB-21-105R01.dwg

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SECOND FLOOR BEAM PLAN
SCALE 1:200



Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title:

Court Complex Building in Addu City,

Building Name: **ADDU COURT COMPLEX**

Drawing Title:

SECOND FLOOR BEAM PLAN

Scale: **1:200**

Discipline: **STRUCTURAL**

Stage: **SUBMISSION**

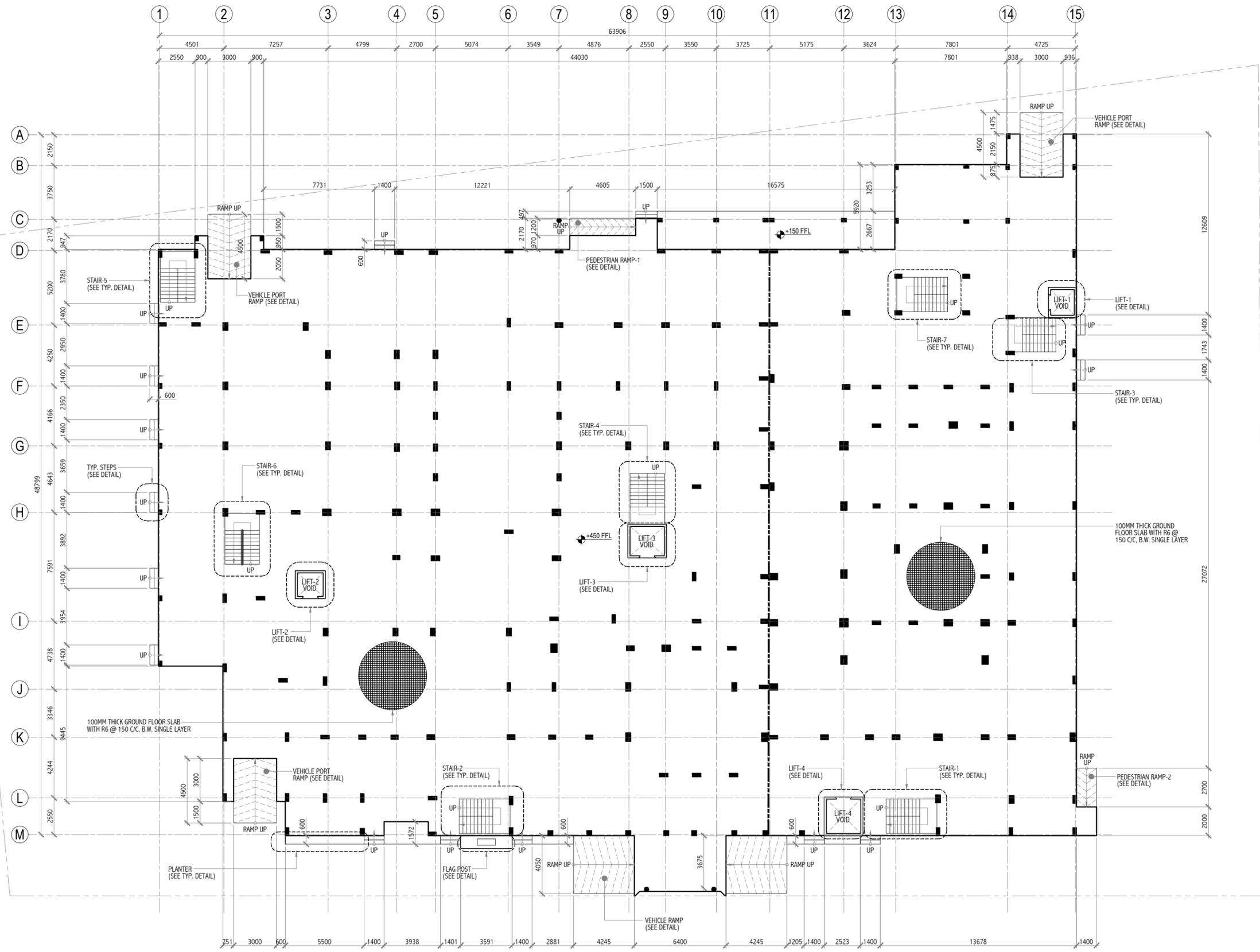
Original Drawn By: **HOMER** Date: **SEPTEMBER 2021**

Checked By: **SHAREEF** Design By: **AHMED**

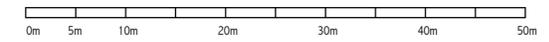
Drawing Number: **21-106**

Revision Number: **R01**

File Name: **H9-21-106R01.dwg**



GROUND FLOOR SLAB PLAN
SCALE 1:200



NOTE:
--- = EXPANSION JOINT LINE

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: **Court Complex Building in Addu City,**

Building Name: **ADDU COURT COMPLEX**
Drawing Title: **GROUND FLOOR SLAB PLAN**

Scale: **1:200**

Discipline: **STRUCTURAL**

Stage: **SUBMISSION**

Original Drawn By: **HOMER** Date: **SEPTEMBER 2021**
Checked By: **SHAREEF** Design By: **AHMED**

Drawing Number: **21-108**

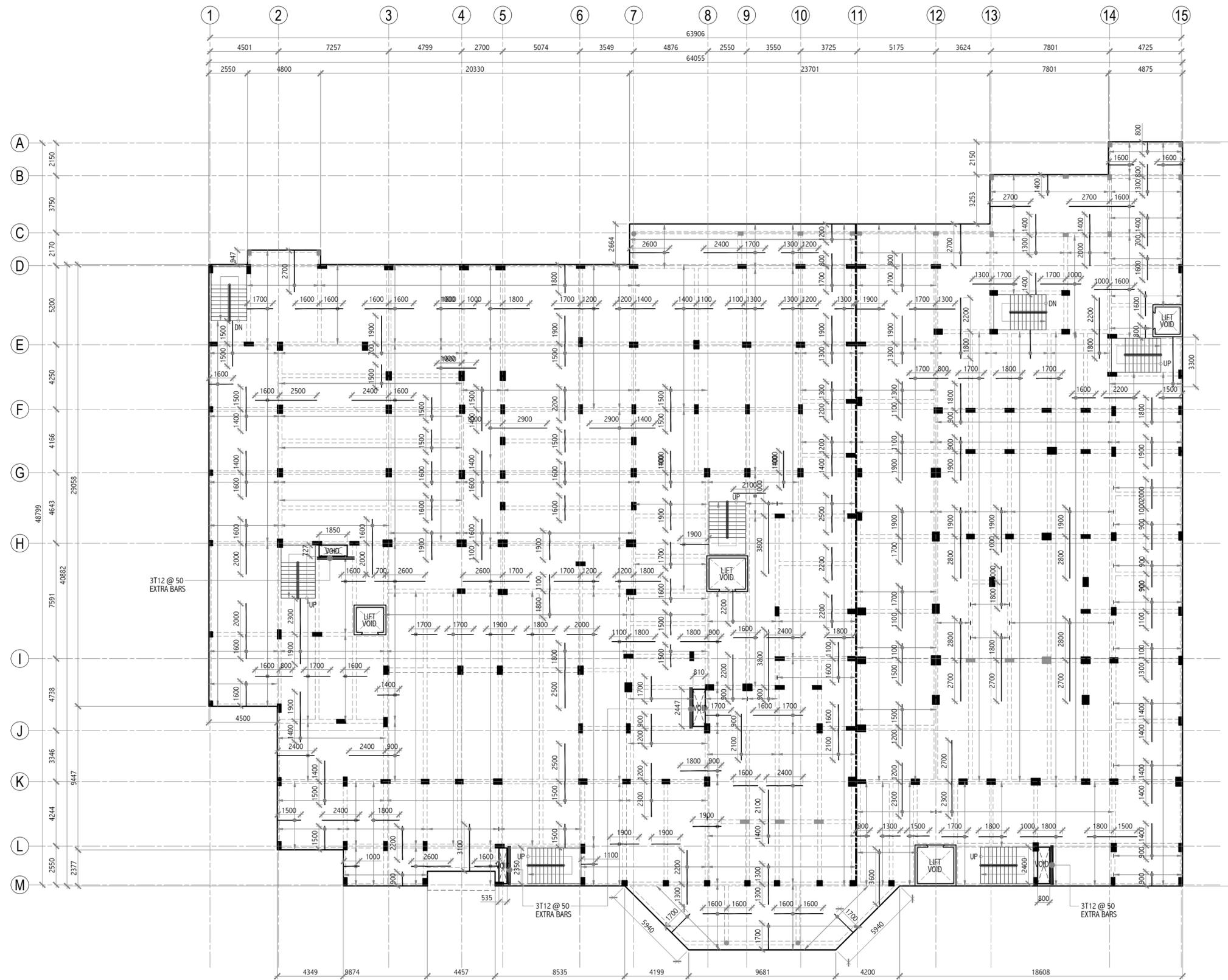
Revision Number: **R01**

File Name: **H9-21-108R01.dwg**

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FIRST FLOOR SLAB PLAN
SCALE 1:200

LEGEND:
 - - - - - = EXPANSION JOINT LINE

NOTE:
 SLAB THICKNESS = 135MM
 = T10 @ 150 C/C, TOP BARS AT L/3
 = T10 @ 150 C/C, B.W. BOTTOM BARS
 = EXTRA BARS PROVIDED AS SHOWN

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives
 Project Title: **Court Complex Building in Addu City,**
 Building Name: **ADDU COURT COMPLEX**
 Drawing Title: **FIRST FLOOR SLAB PLAN**

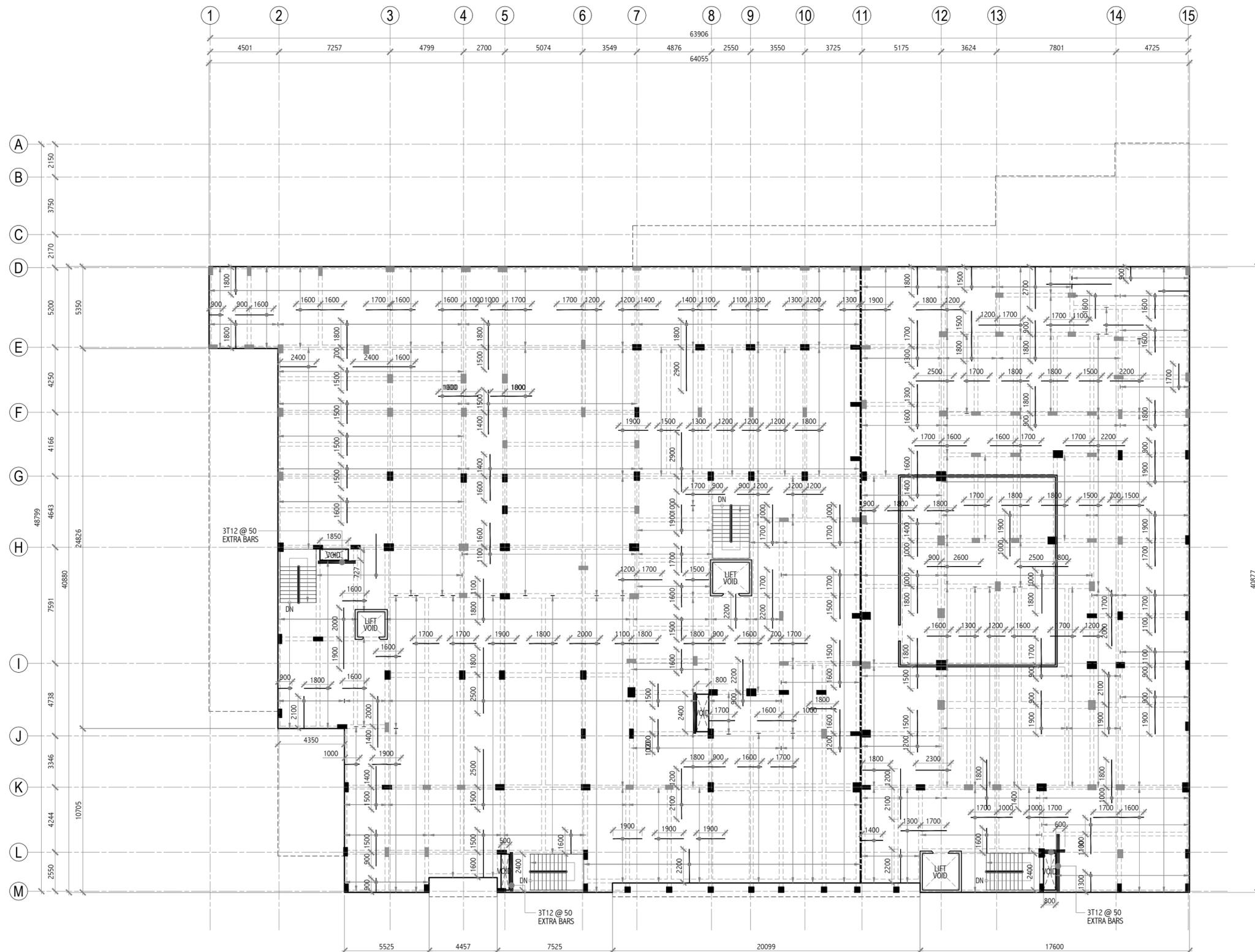
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 Discipline: STRUCTURAL
 Stage: SUBMISSION
 Original Drawn By: HOMER
 Checked By: SHAREEF
 Date: SEPTEMBER 2021
 Design By: AHMED
 Drawing Number: **21-109**

Revision Number: R01
 File Name: HB-21-109R01.dwg

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SECOND FLOOR SLAB PLAN

SCALE 1:200



LEGEND:

- = EXPANSION JOINT LINE
- = 125 THICK SHEAR WALL WITH T10 @ 150 C/C, B.W. SINGLE LAYER

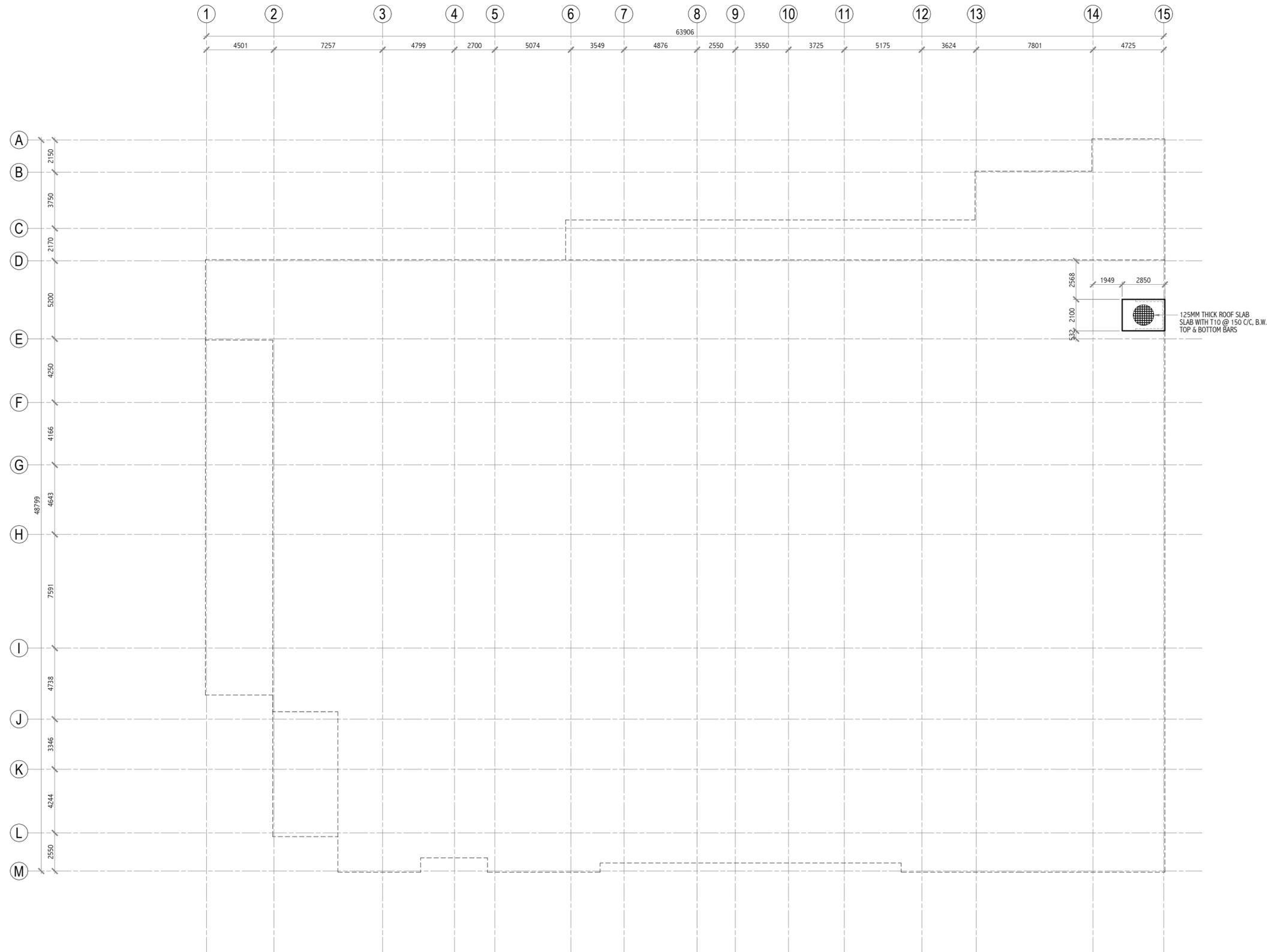
NOTE:

- SLAB THICKNESS = 135MM
- = T10 @ 150 C/C, TOP BARS AT L/3
- = T10 @ 150 C/C, B.W. BOTTOM BARS
- = EXTRA BARS PROVIDED AS SHOWN

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives
 Project Title: Court Complex Building in Addu City,
 Building Name: ADDU COURT COMPLEX
 Drawing Title: SECOND FLOOR SLAB PLAN
 Scale: 1:200
 Discipline: STRUCTURAL
 Stage: SUBMISSION
 Original Drawn By: HOMER Date: SEPTEMBER 2021
 Checked By: SHAREEF Design By: AHMED
 Drawing Number: 21-110
 Revision Number: R01
 File Name: HB-21-110R01.dwg

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MACHINE ROOM ROOF SLAB PLAN @ SECOND FLOOR LEVEL
SCALE 1:200



Revision	Date	Drawn By	Checked By
-	-	-	-
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Client : Department of Judicial Administration, Maldives

Project Title : Court Complex Building in Addu City,

Building Name : ADDU COURT COMPLEX
Drawing Title : MACHINE ROOM ROOF SLAB PLAN @ SECOND FLOOR LEVEL

Scale : 1:200

Discipline : STRUCTURAL

Stage : SUBMISSION

Original Drawn By : HOMER Date : SEPTEMBER 2021
Checked By : SHAREEF Design By : AHMED

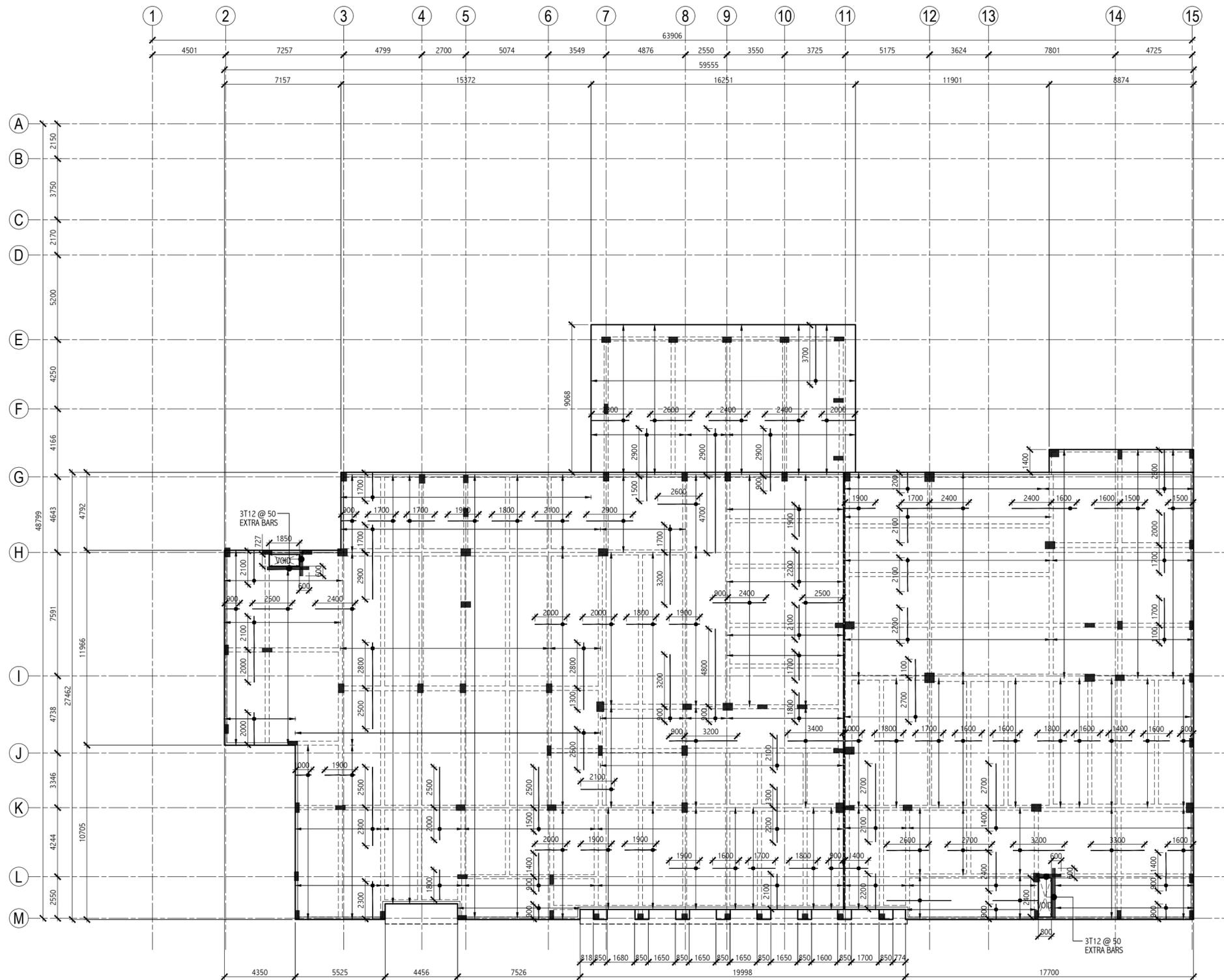
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Revision Number : R01

File Name : HB-21-111R01.dwg

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ROOF SLAB PLAN
SCALE 1:200



LEGEND:
----- = EXPANSION JOINT LINE

NOTE:
SLAB THICKNESS = 135MM
= T10 @ 150 C/C, TOP BARS AT L/3
= T10 @ 150 C/C, B.W. BOTTOM BARS
= EXTRA BARS PROVIDED AS SHOWN

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX

Drawing Title: ROOF SLAB PLAN

Scale: 1:200

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021

Checked By: SHAREEF Design By: AHMED

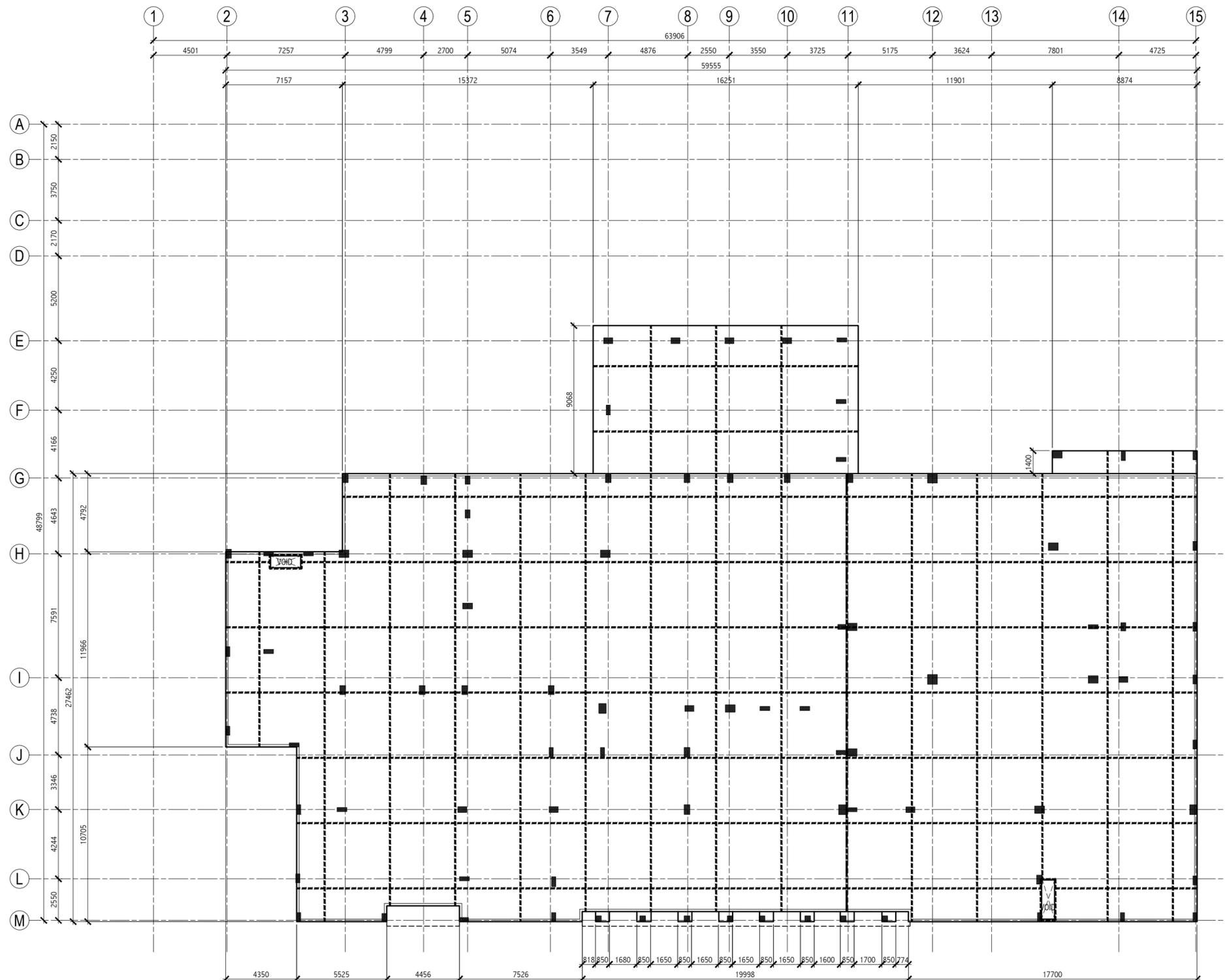
Drawing Number: 21-112

Revision Number: R01

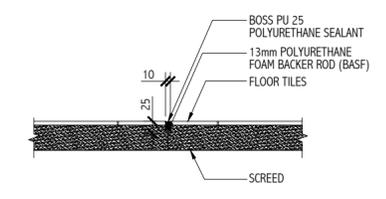
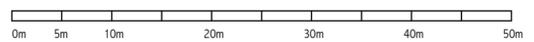
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CONTRACTION JOINT PLAN
SCALE 1:200



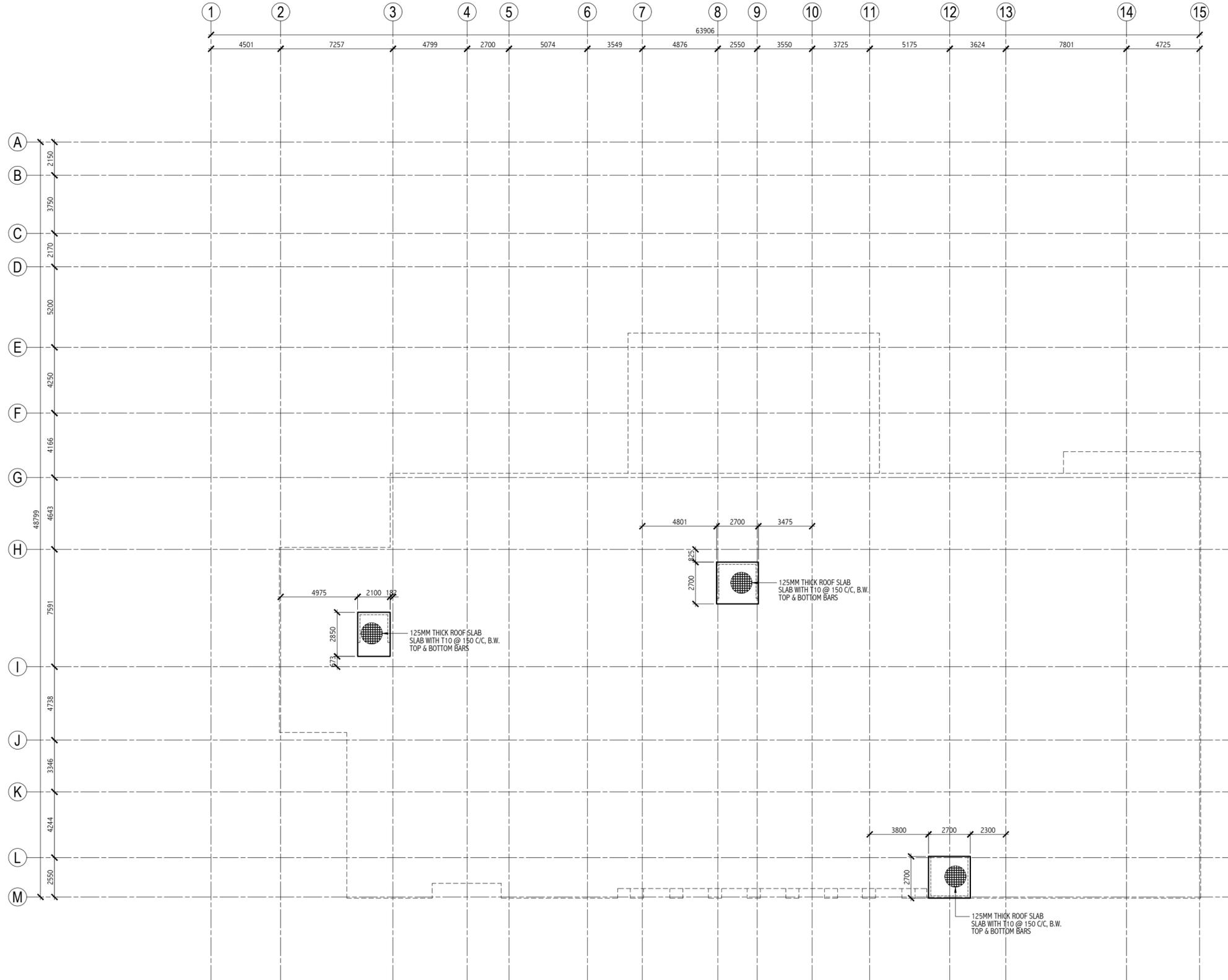
CONTRACTION JOINT DETAIL
SCALE 1:10

Revision	Date	Drawn By	Checked By

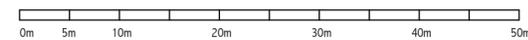
Client:	Department of Judicial Administration, Maldives
Project Title:	Court Complex Building in Addu City,
Building Name:	ADDU COURT COMPLEX
Drawing Title:	CONSTRUCTION JOINT PLAN CONSTRUCTION JOINT DETAIL
Scale:	AS SHOWN
Discipline:	STRUCTURAL
Stage:	SUBMISSION
Original Drawn By:	HOMER
Checked By:	SHAREEF
Date:	SEPTEMBER 2021
Design By:	AHMED
Drawing Number:	21-113
Revision Number:	R01
File Name:	HB-21-113R01.dwg

LEGEND:

- - - = CONSTRUCTION JOINT LINE
- — — = EXPANSION JOINT LINE



MACHINE ROOM ROOF SLAB PLAN AT ROOF LEVEL
SCALE 1:200



Revision	Date	Drawn By	Checked By
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Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

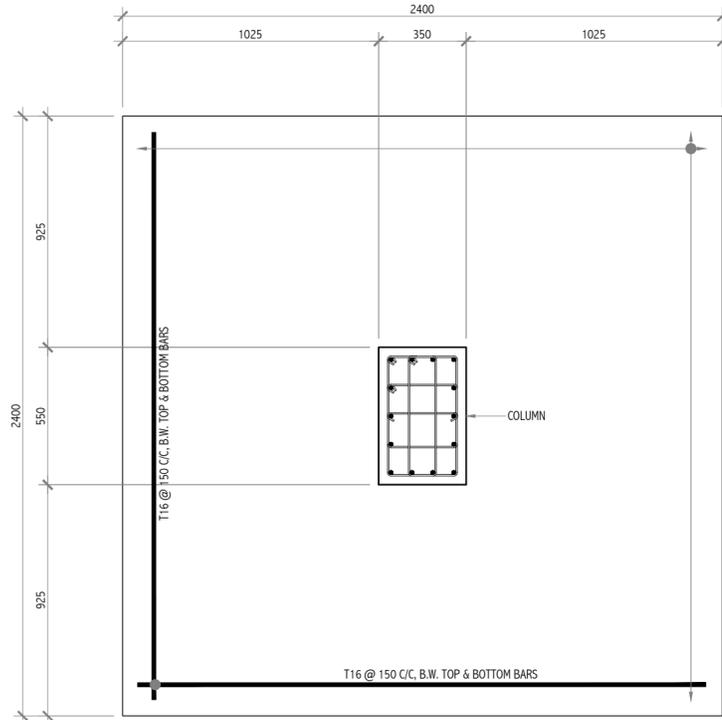
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Drawing Title: MACHINE ROOM ROOF SLAB PLAN AT ROOF LEVEL

Scale: 1:200
Discipline: STRUCTURAL
Stage: SUBMISSION

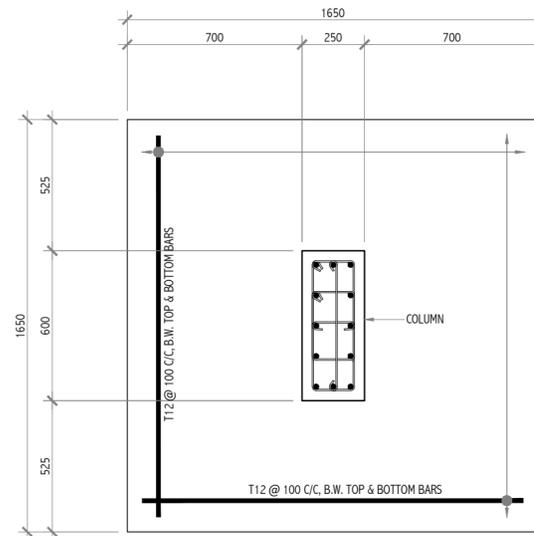
Original Drawn By: HOMER Date: SEPTEMBER 2021
Checked By: SHAREEF Design By: AHMED

Drawing Number: 21-114

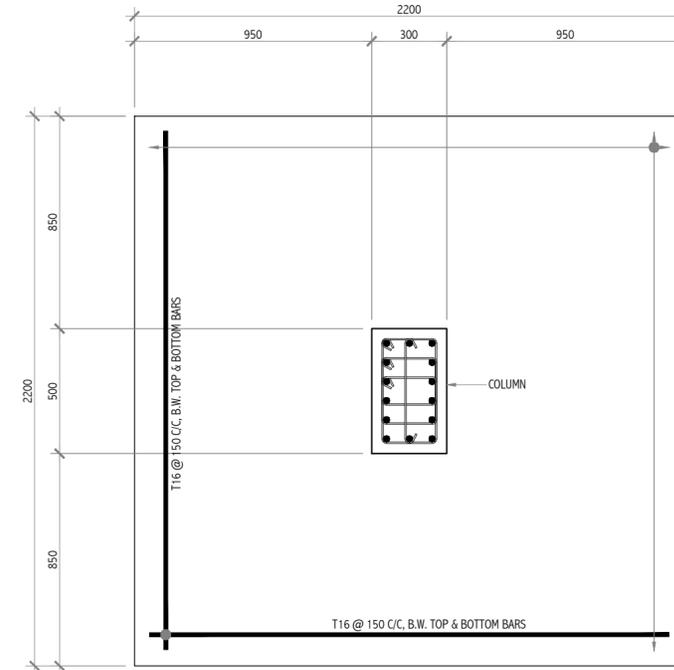
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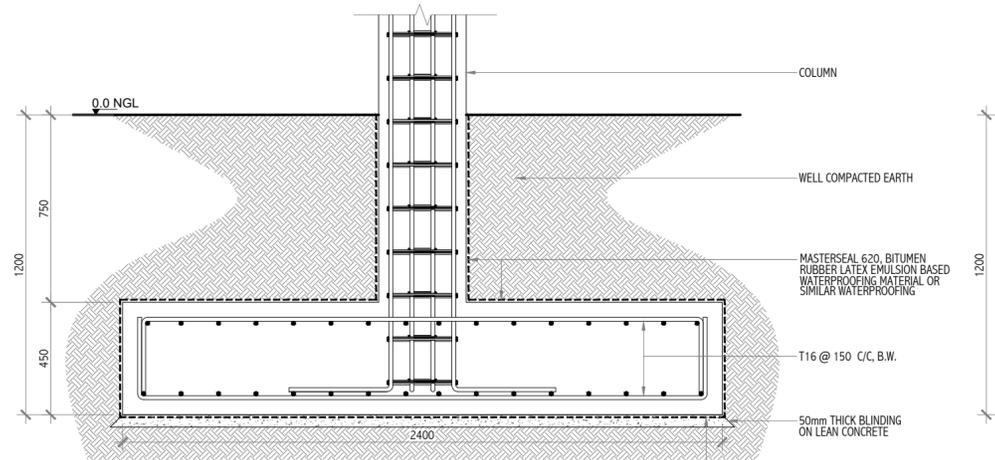
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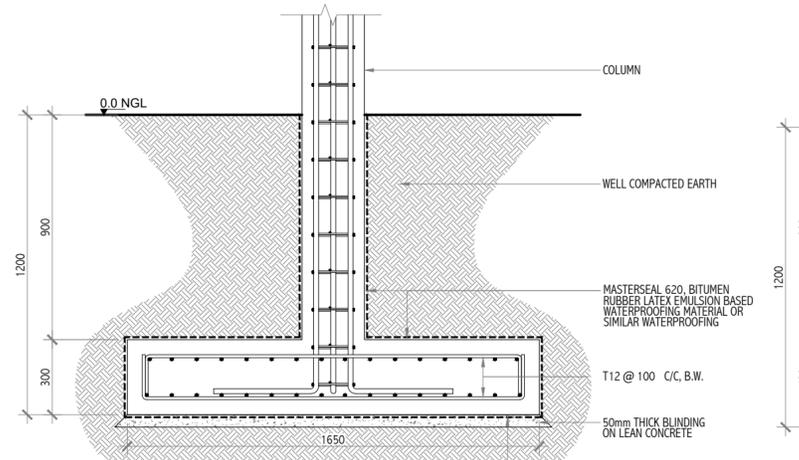
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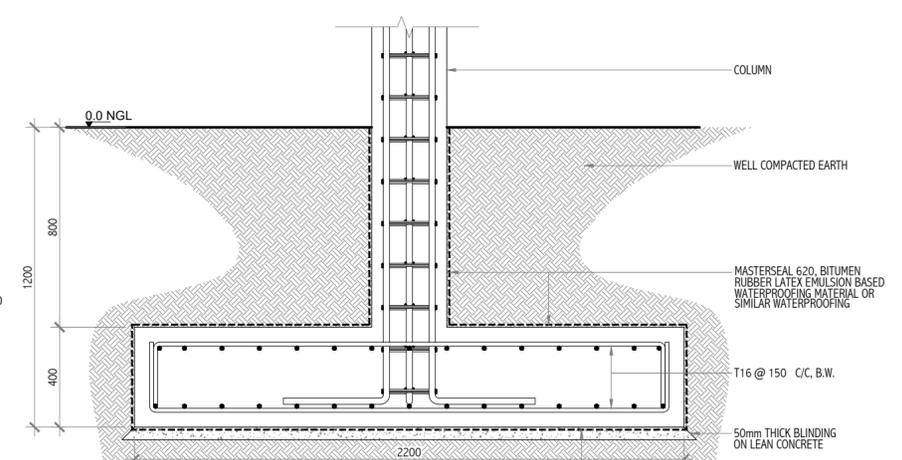
PLAN (F3)



SECTION (F1)



SECTION (F2)



SECTION (F3)

FOOTING (F) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By
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Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX

Drawing Title: FOOTING (F) DETAILS F1-F3

Scale: 1:20

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021

Checked By: SHAREEF Design By: AHMED

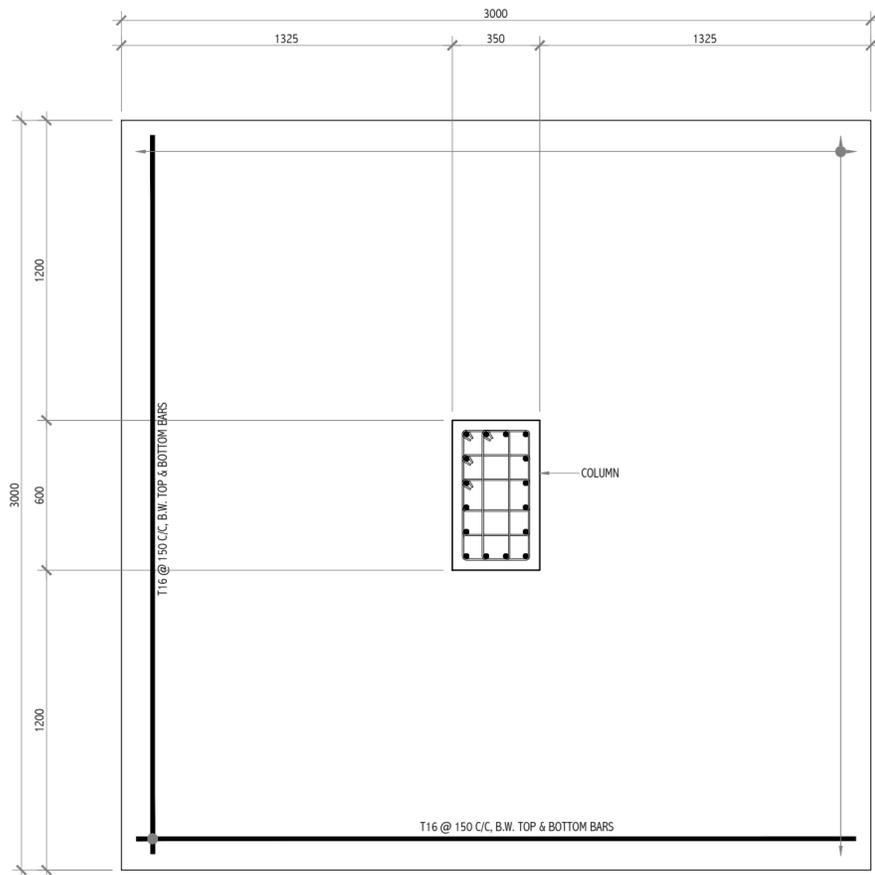
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Revision Number: R01

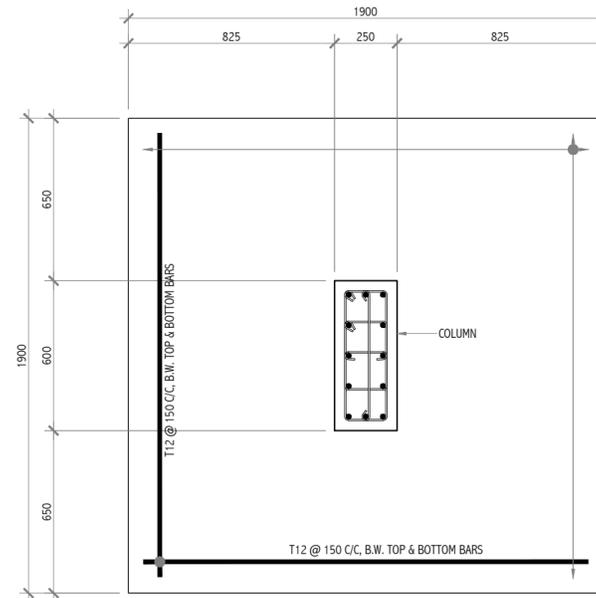
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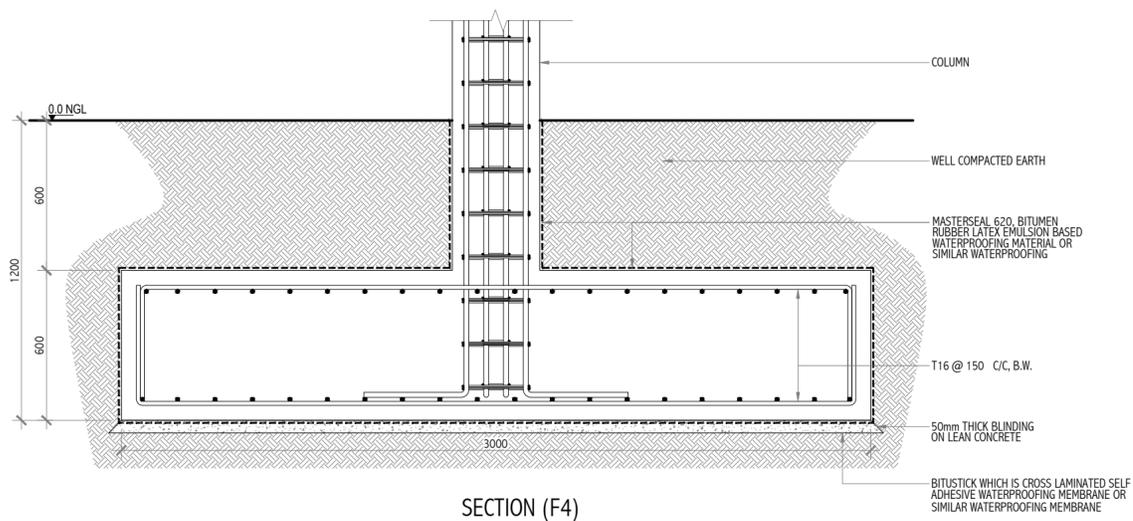
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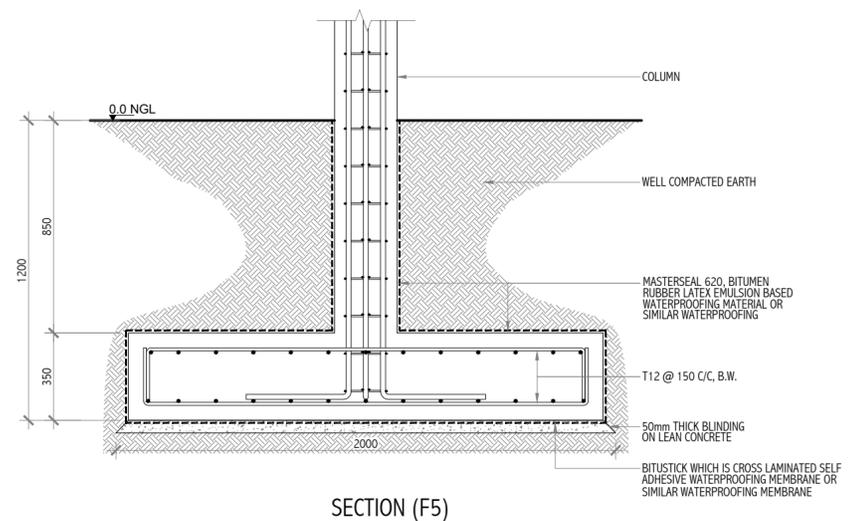
PLAN (F4)



PLAN (F5)



SECTION (F4)



SECTION (F5)

FOOTING (F) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By
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Client : Department of Judicial Administration, Maldives

Project Title : Court Complex Building in Addu City,

Building Name : ADDU COURT COMPLEX
Drawing Title : FOOTING (F) DETAILS F4-F5

Scale : 1:20

Discipline : STRUCTURAL

Stage : SUBMISSION

Original Drawn By : HOMER Date : SEPTEMBER 2021
Checked By : SHAREEF Design By : AHMED

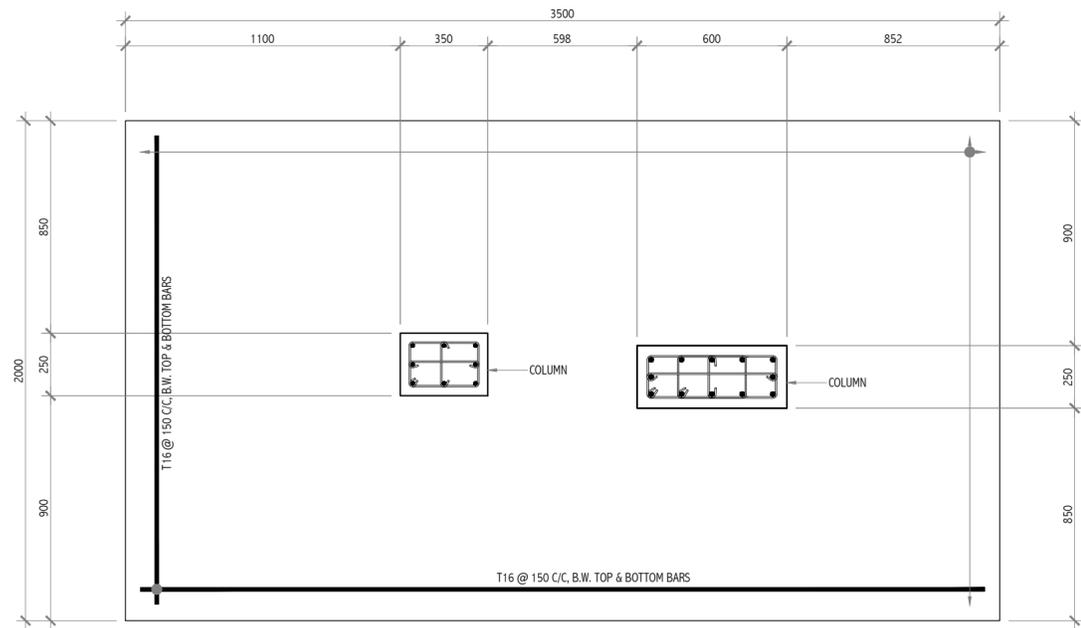
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Revision Number : R01

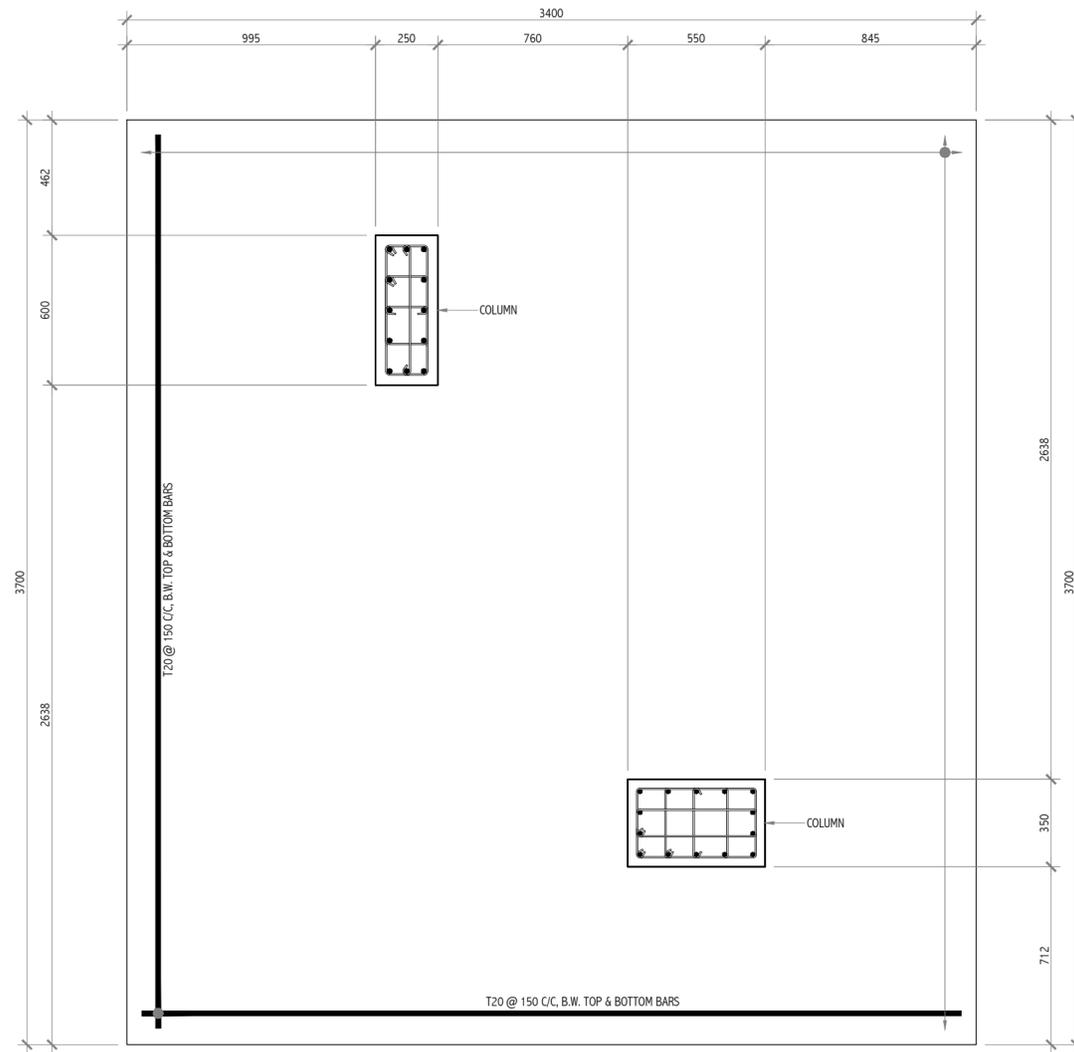
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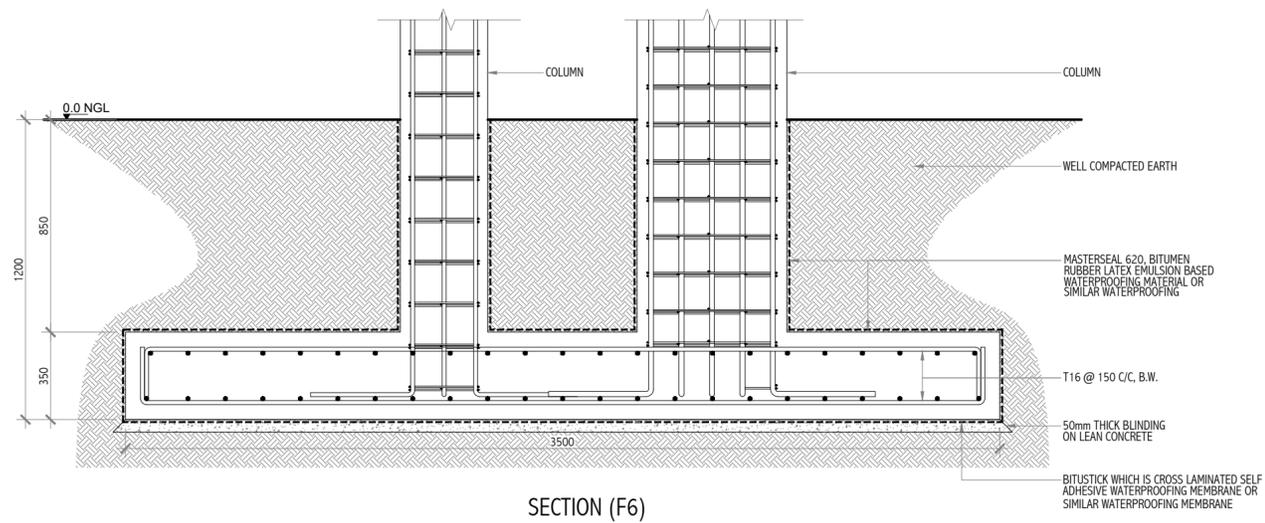
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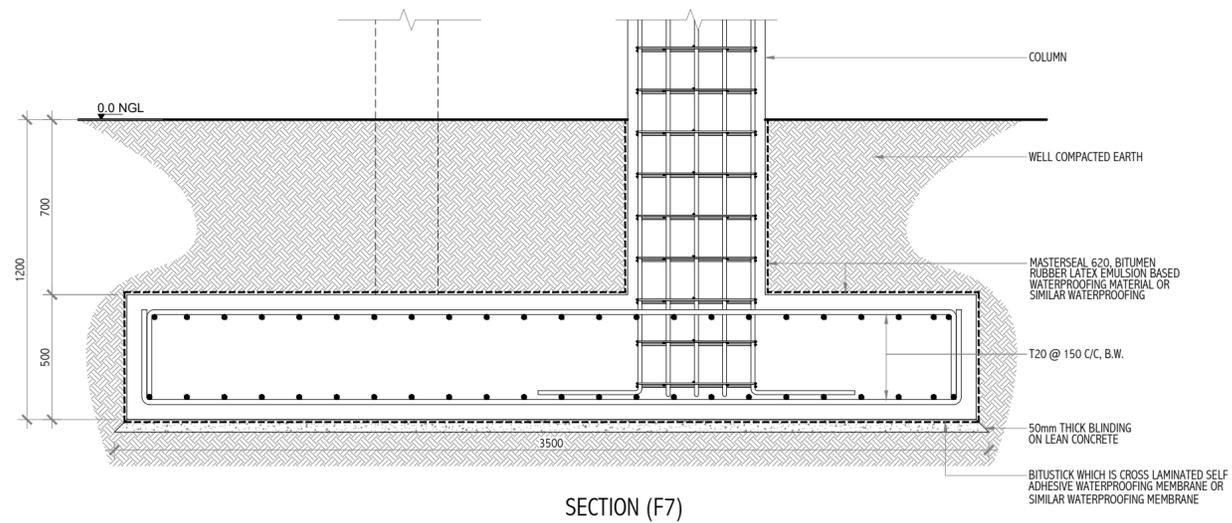
PLAN (F6)



PLAN (F7)



SECTION (F6)



SECTION (F7)

FOOTING (F) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By
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-	-	-	-

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FOOTING (F) DETAILS F6-F7

Scale: 1:20

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021
Checked By: SHAREEF Design By: AHMED

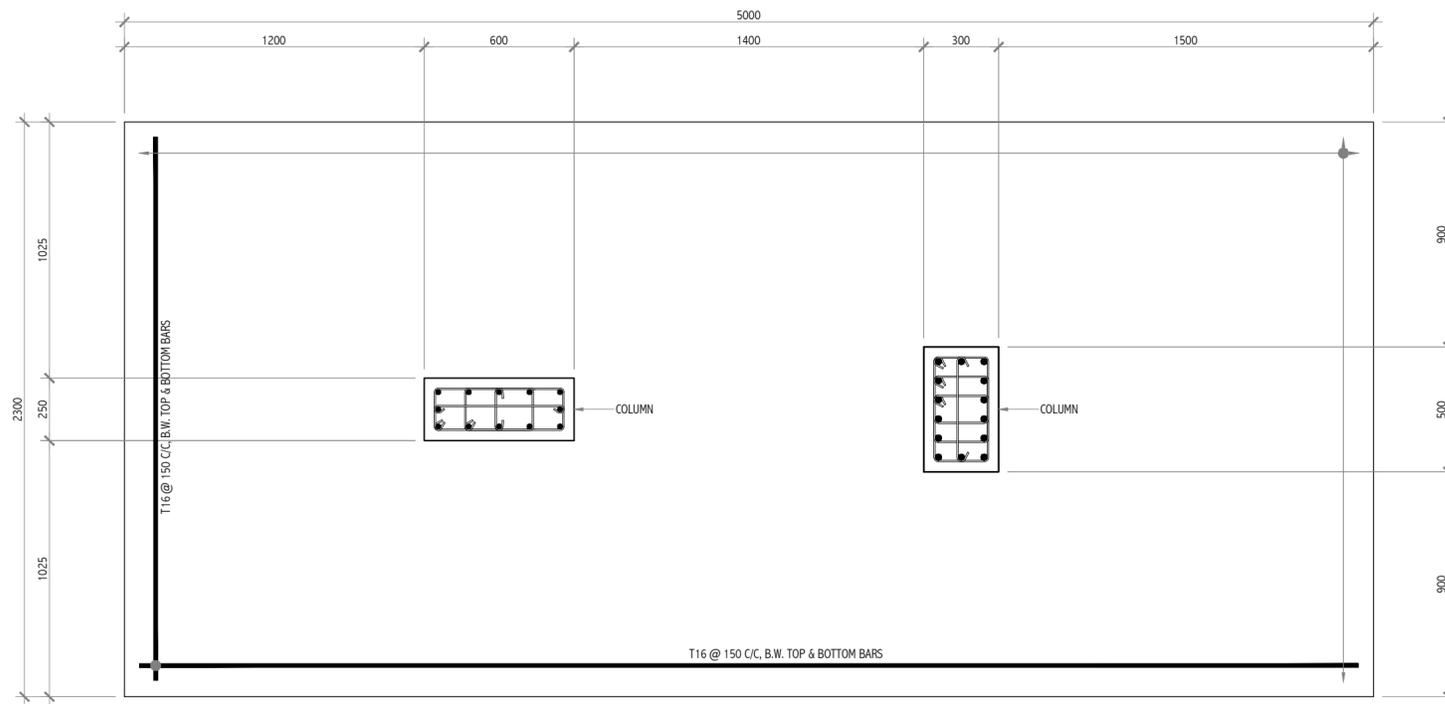
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Revision Number: R01

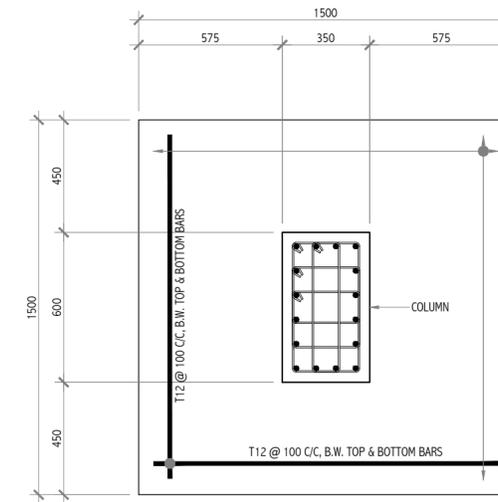
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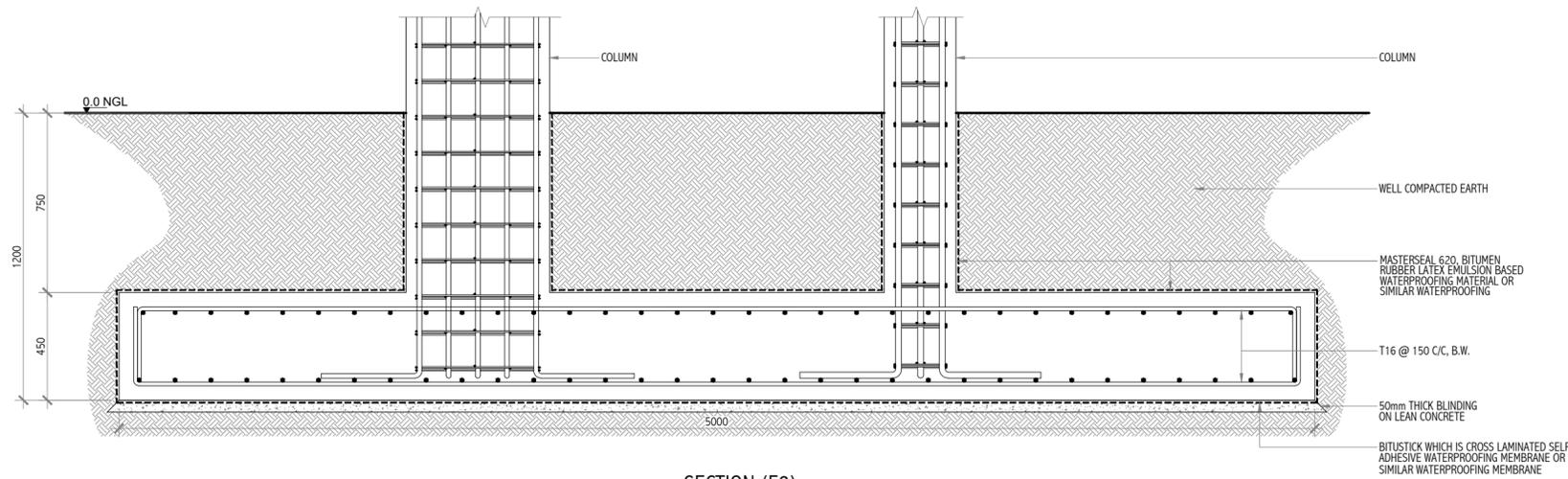
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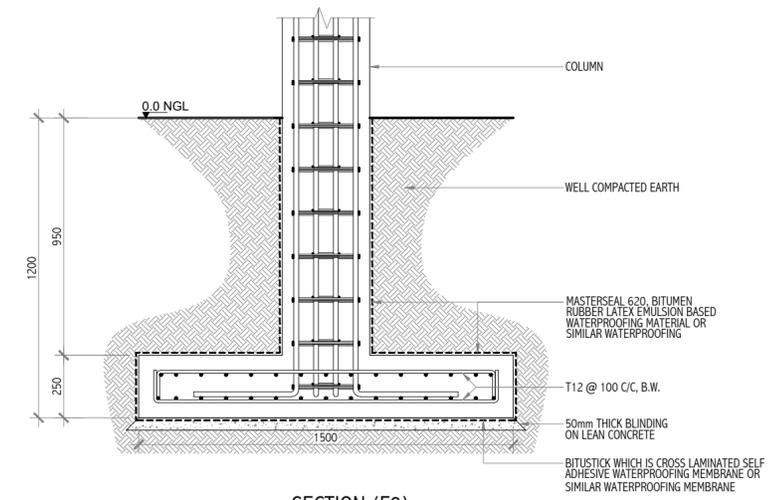
PLAN (F8)



PLAN (F9)



SECTION (F8)



SECTION (F9)

FOOTING (F) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By
-	-	-	-
-	-	-	-
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Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX

Drawing Title: FOOTING (F) DETAILS F8-F9

Scale: 1:20

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021

Checked By: SHAREEF Design By: AHMED

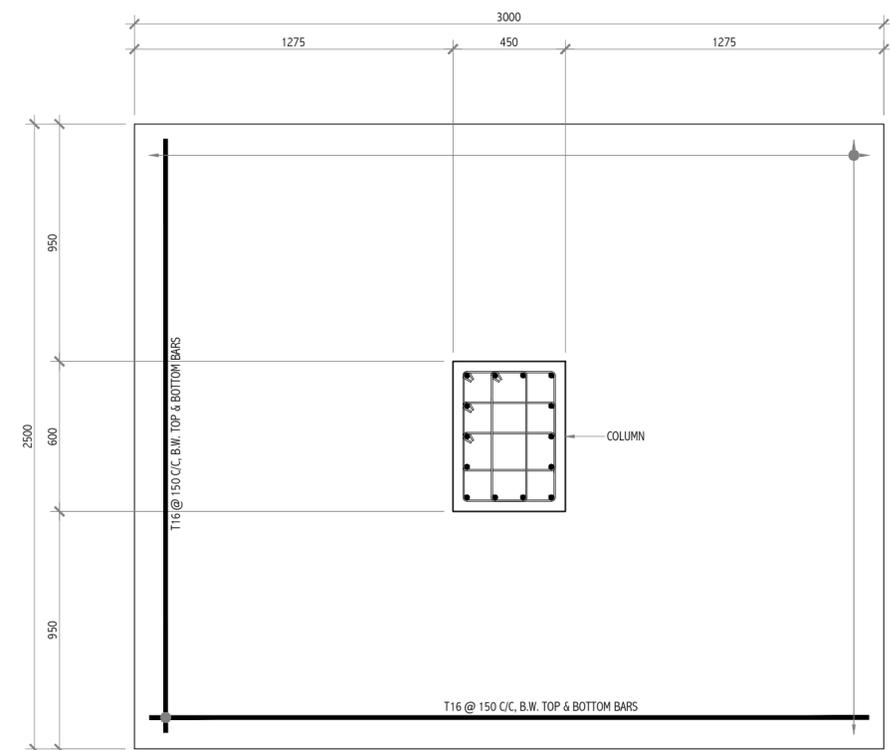
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Revision Number: R01

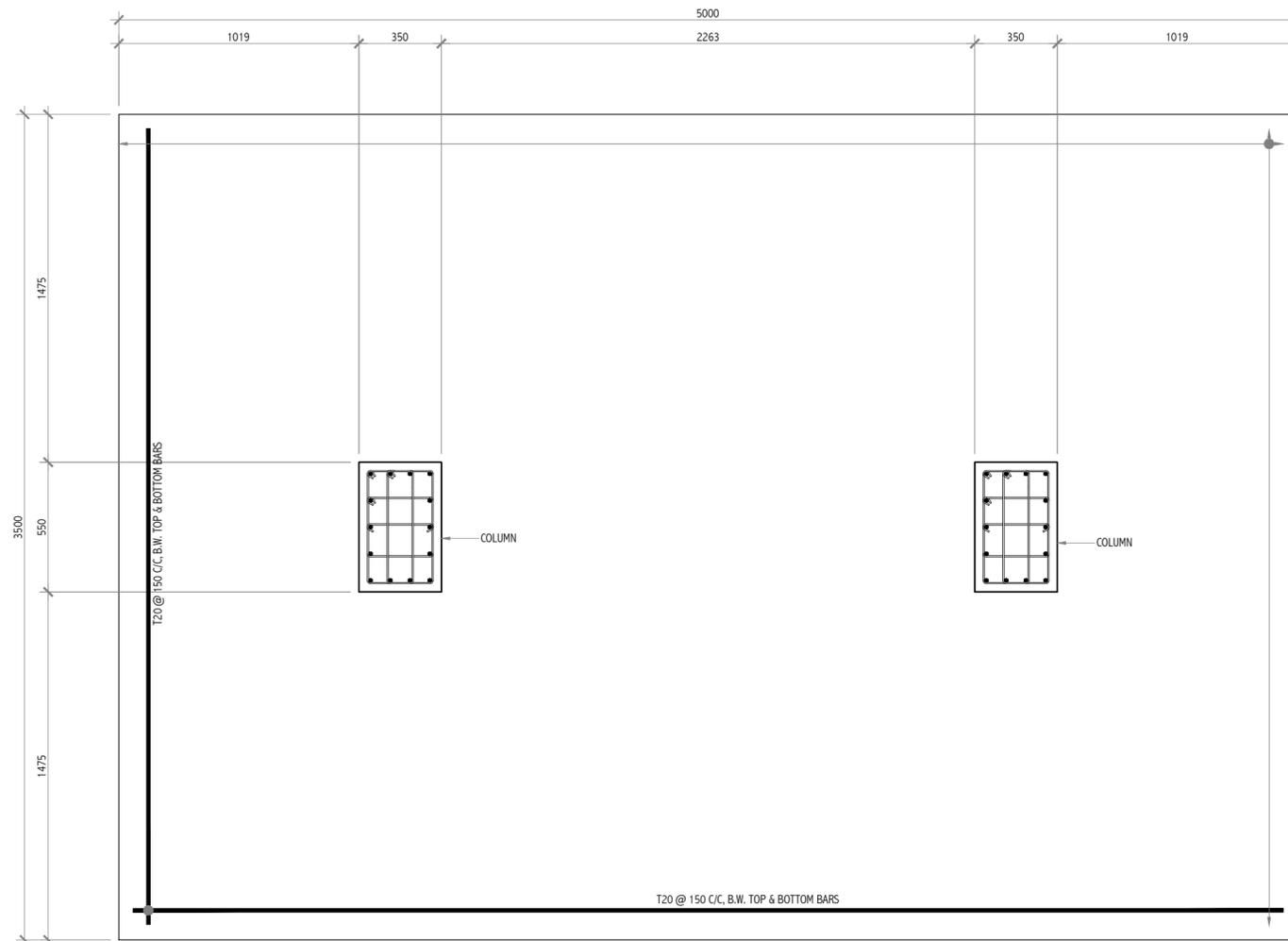
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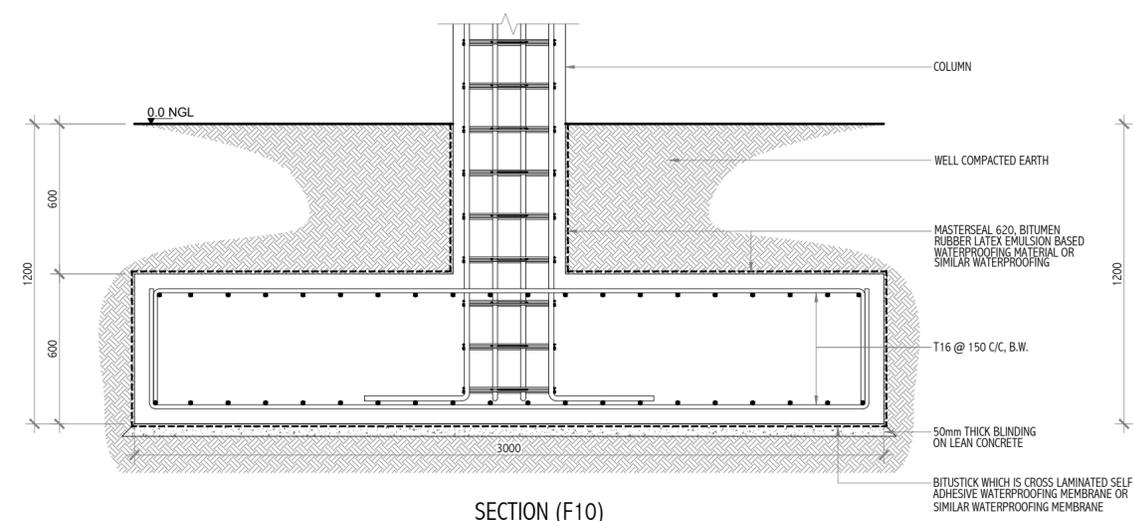
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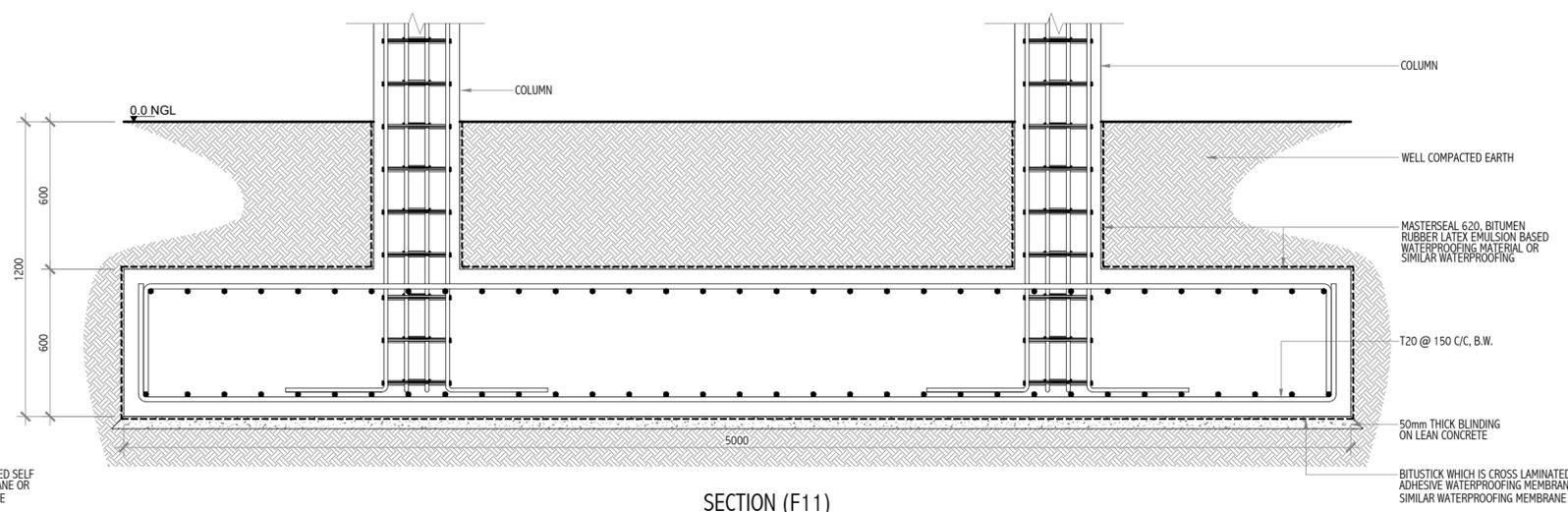
PLAN (F10)



PLAN (F11)



SECTION (F10)



SECTION (F11)

FOOTING (F) DETAILS (F10-F11)
SCALE 1:20

Revision	Date	Drawn By	Checked By
-	-	-	-
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Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FOOTING (F) DETAILS F10-F11

Scale: 1:20
Discipline: STRUCTURAL

Stage: SUBMISSION

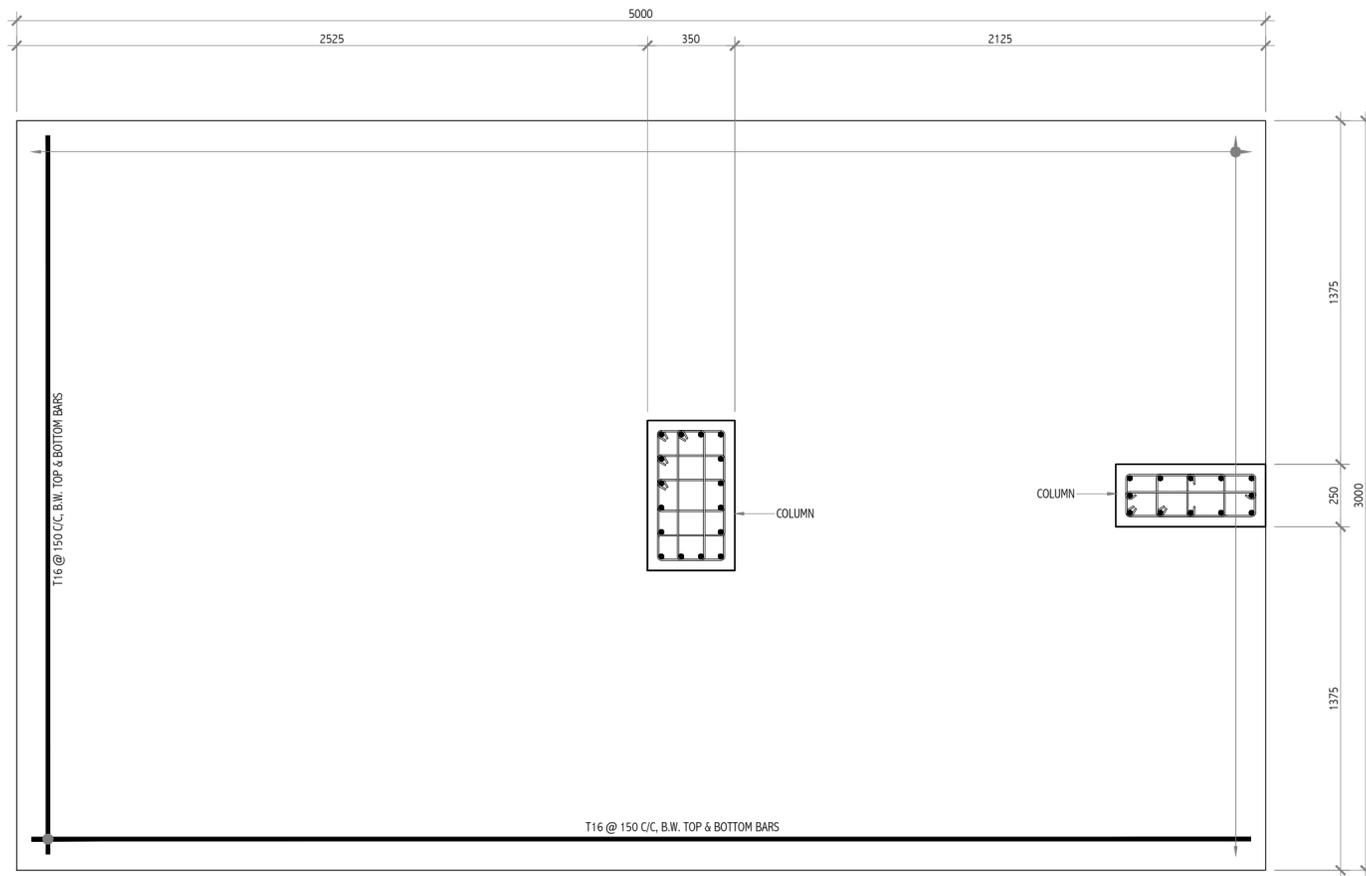
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Checked By: SHAREEF Design By: AHMED

Drawing Number: 21-505

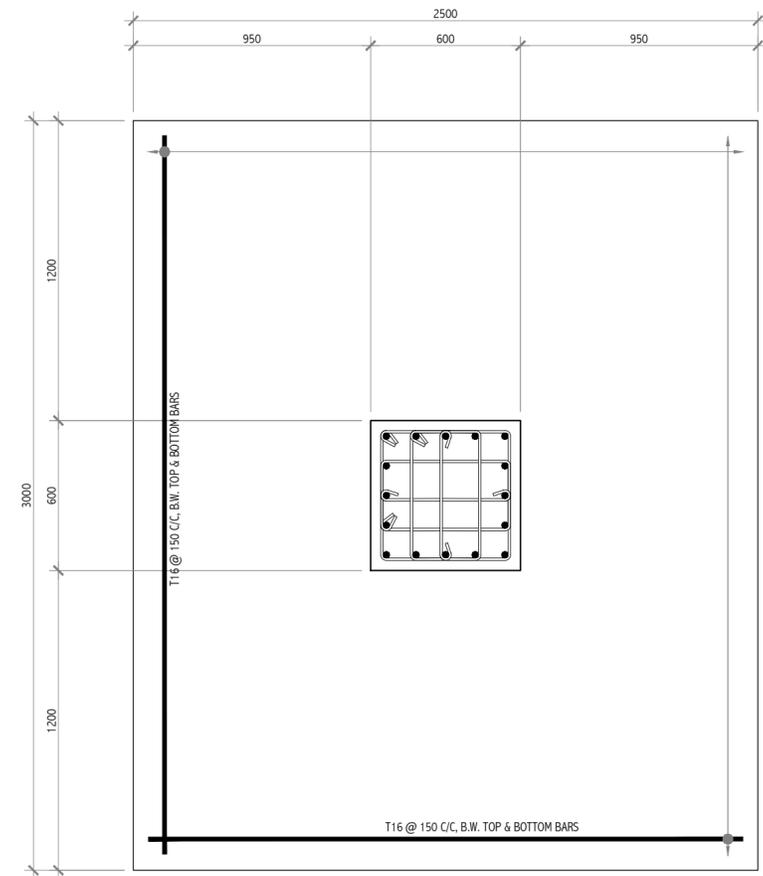
Revision Number: R01
File Name: HB-21-505R01.dwg

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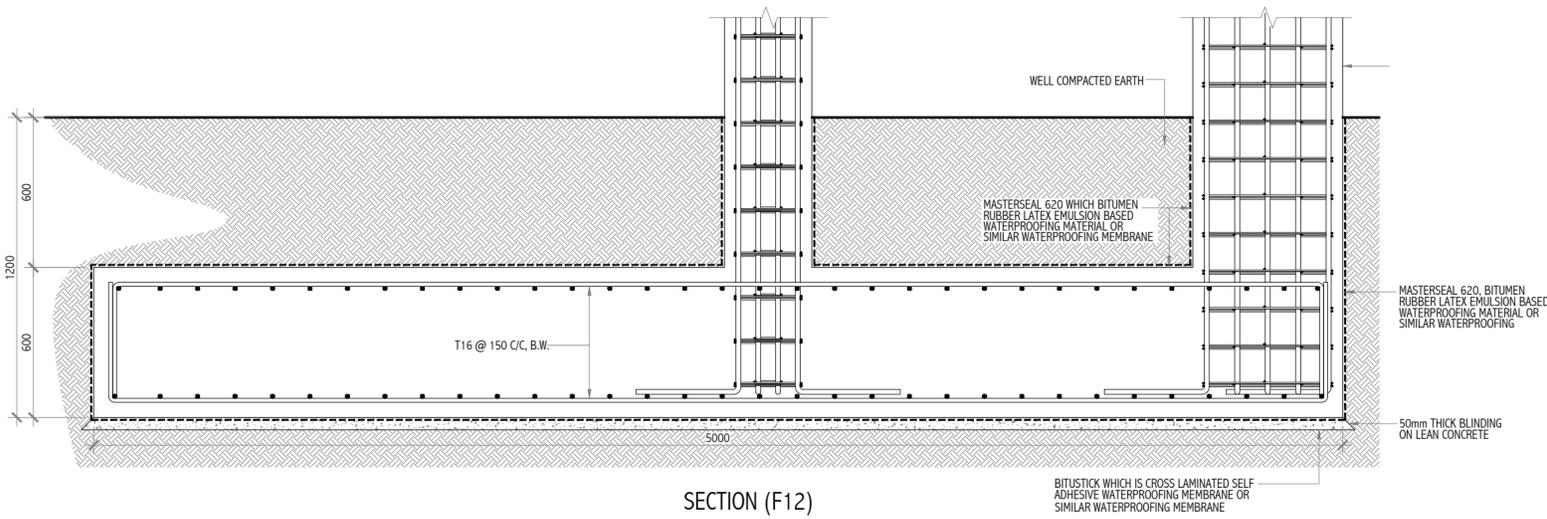
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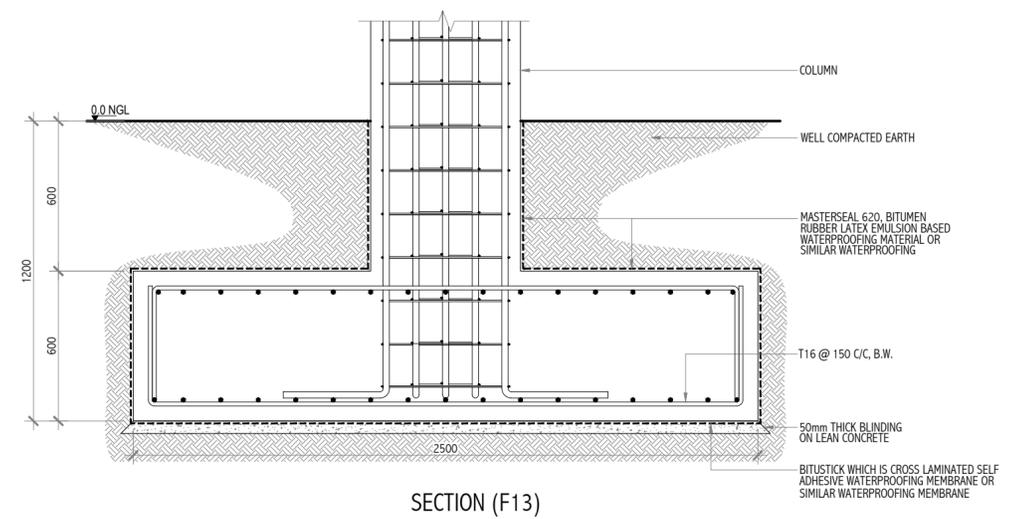
PLAN (F12)



PLAN (F13)



SECTION (F12)



SECTION (F13)

FOOTING (F) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By
-	-	-	-
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Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FOOTING (F) DETAILS F12-F13

Scale: 1:20

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Design By: AHMED

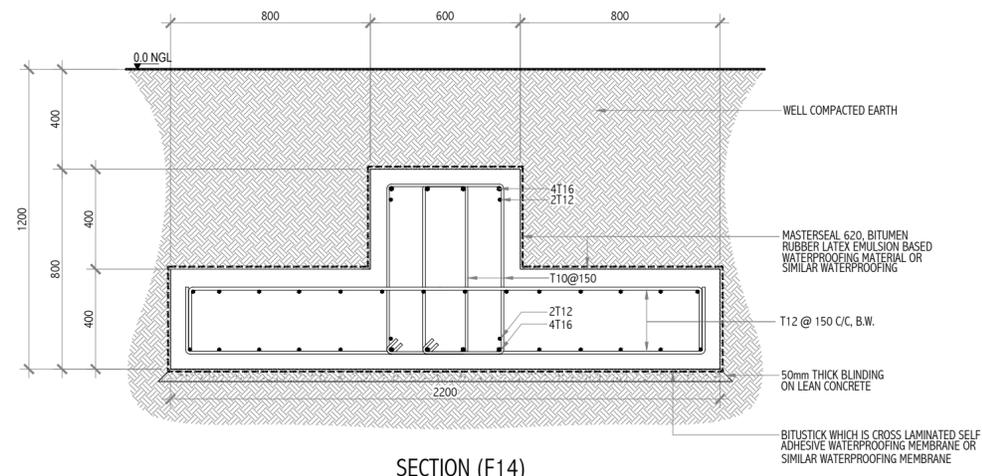
Drawing Number: 21-506

Revision Number: R01

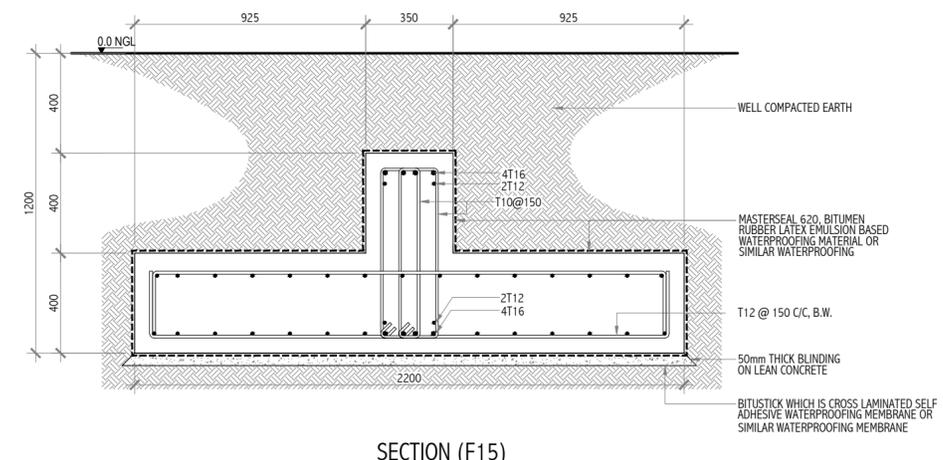
File Name: HB-21-506R01.dwg

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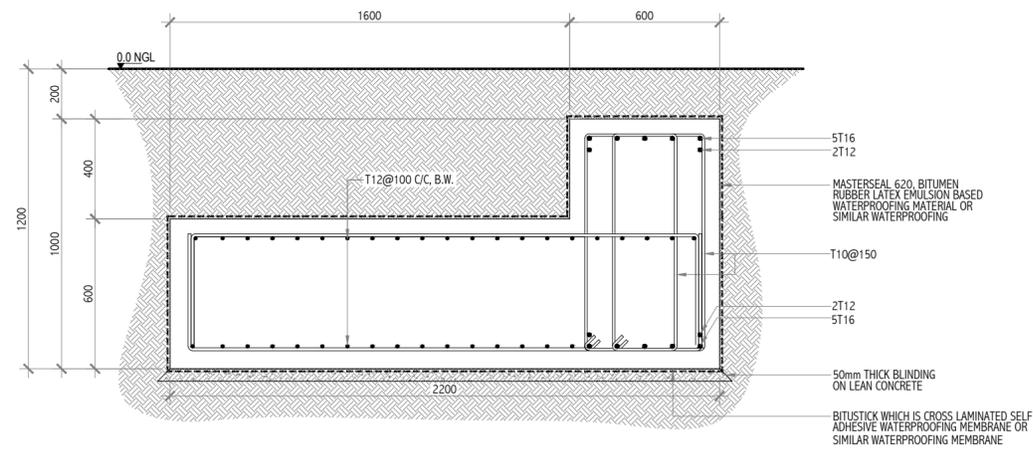
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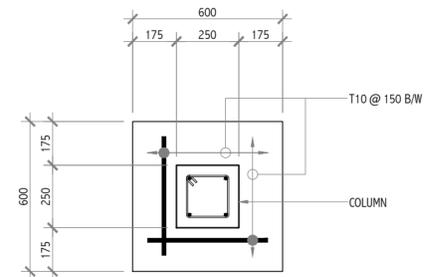
SECTION (F14)



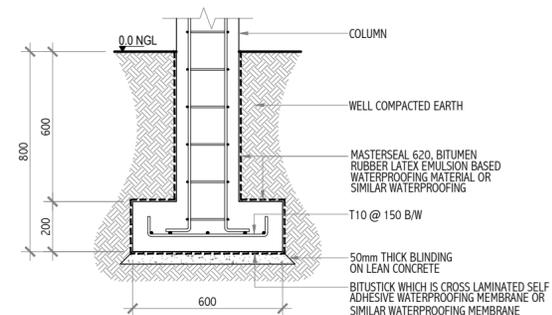
SECTION (F15)



SECTION (F16)



PLAN (F17)



SECTION (F17)

FOOTING (F) DETAILS
SCALE 1:20

NOTE:
FOR FOOTING F14-F16, REFER TO THE FOUNDATION PLAN FOR EACH LENGTH.

Revision	Date	Drawn By	Checked By
-	-	-	-
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-	-	-	-

Client: **Department of Judicial Administration, Maldives**

Project Title: **Court Complex Building in Addu City,**

Building Name: **ADDU COURT COMPLEX**
Drawing Title: **FOOTING (F) DETAILS F14-F17**

Scale: **1:20**

Discipline: **STRUCTURAL**

Stage: **SUBMISSION**

Original Drawn By: **HOMER** Date: **SEPTEMBER 2021**
Checked By: **SHAREEF** Design By: **AHMED**

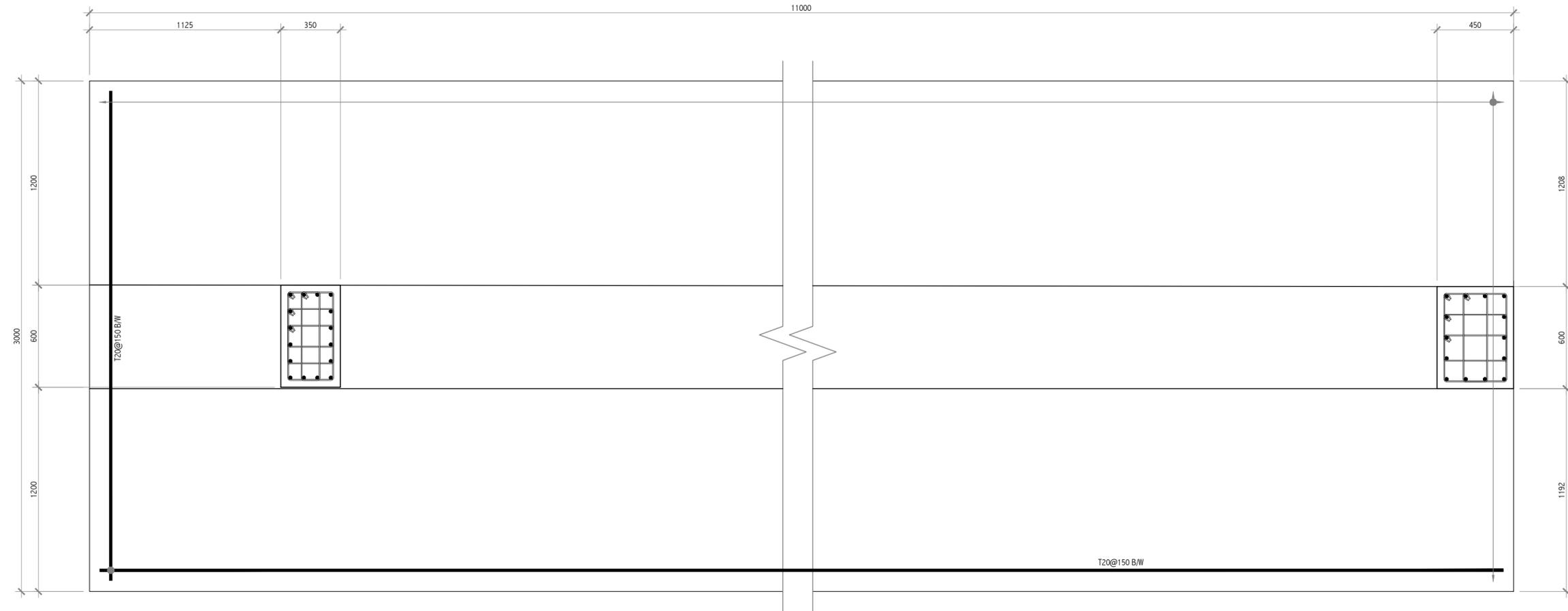
Drawing Number: **21-507**

Revision Number: **R01**

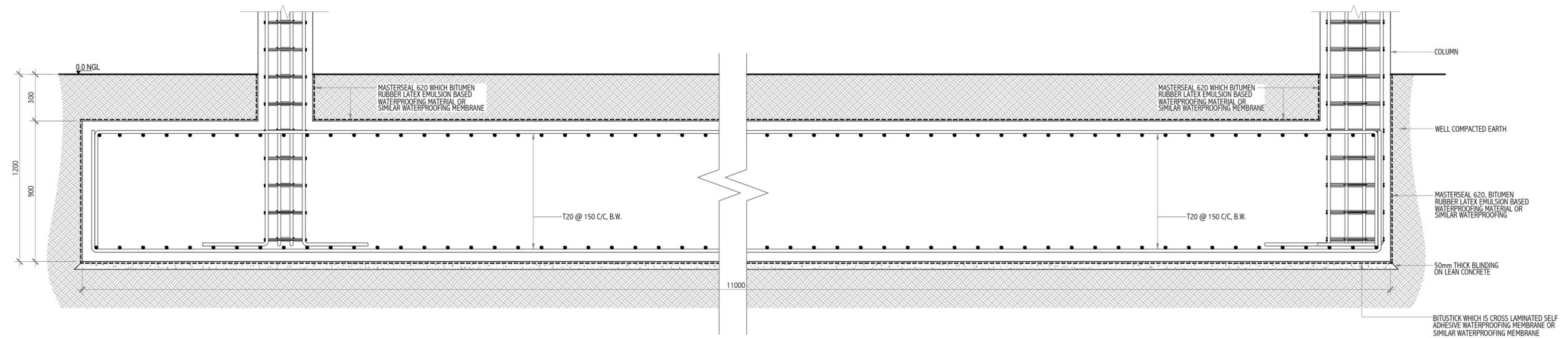
File Name: **H9-21-507R01.dwg**

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PLAN (F18)



SECTION (F18)

FOOTING (F) DETAIL
SCALE 1:20

Revision	Date	Drawn By	Checked By
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: FOOTING (F) DETAILS F18

Scale: 1:20
Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021
Checked By: SHAREEF Design By: AHMED

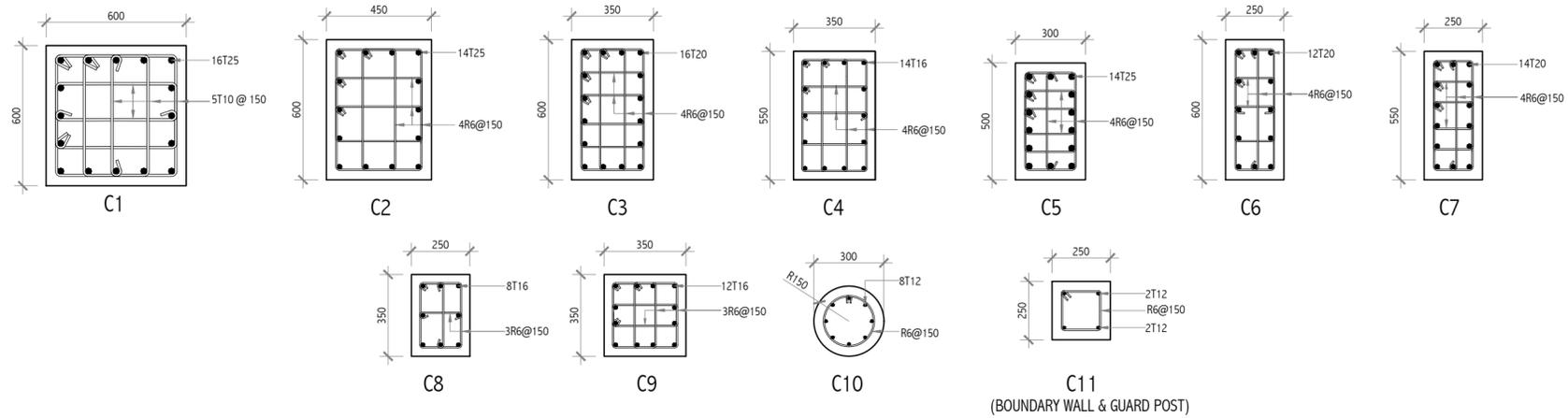
Drawing Number: 21-508

Revision Number: R01

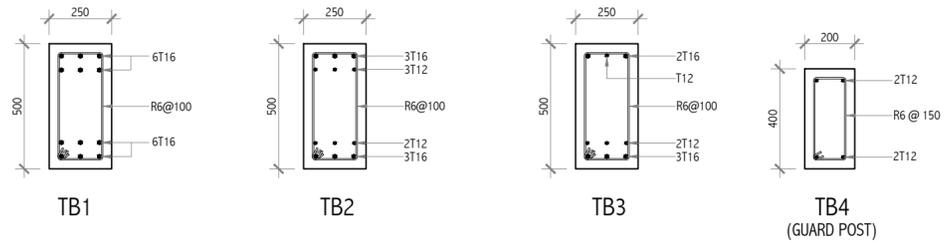
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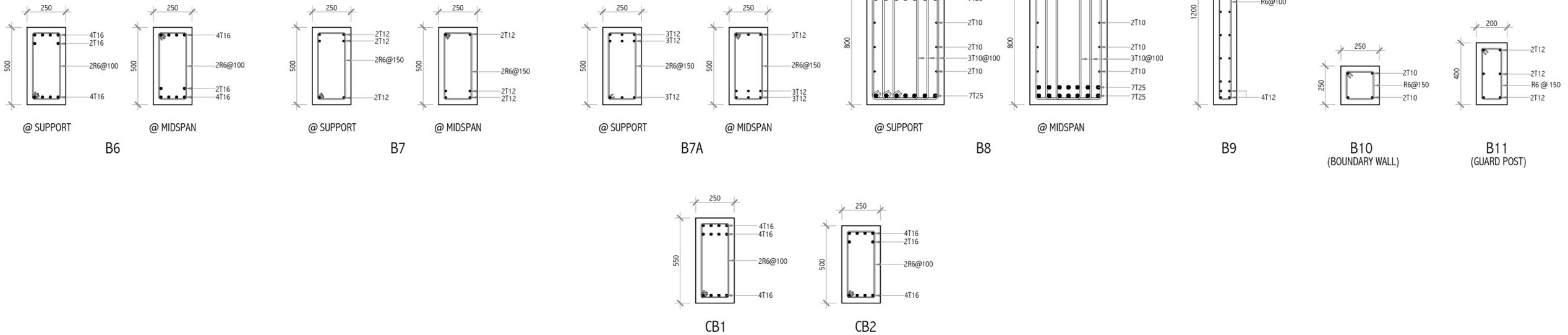
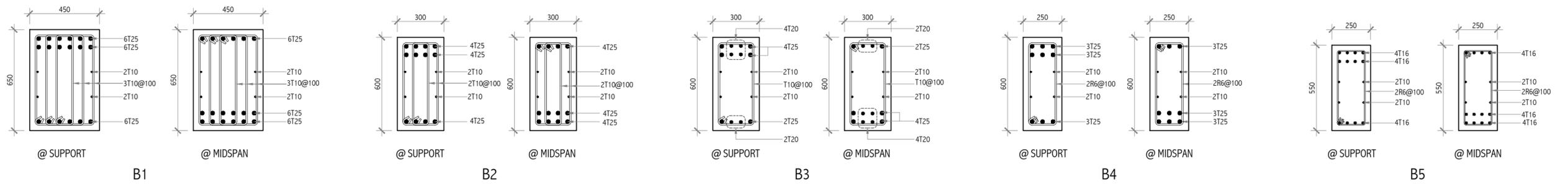
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COLUMN (C) DETAILS
SCALE 1:20



TIE BEAM (TB) DETAILS
SCALE 1:20



BEAM (B) & CANTILEVER BEAM (CB) DETAILS
SCALE 1:20

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: COLUMN (C), & BEAM (B) DETAILS

Scale: 1:20

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER Date: SEPTEMBER 2021
Checked By: SHAREEF Design By: AHMED

Drawing Number: 21-509

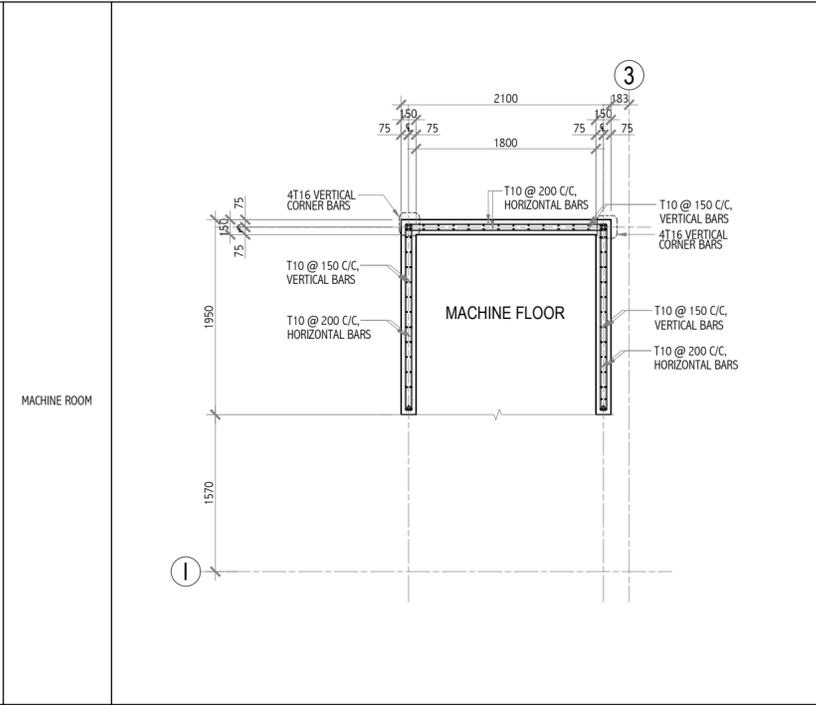
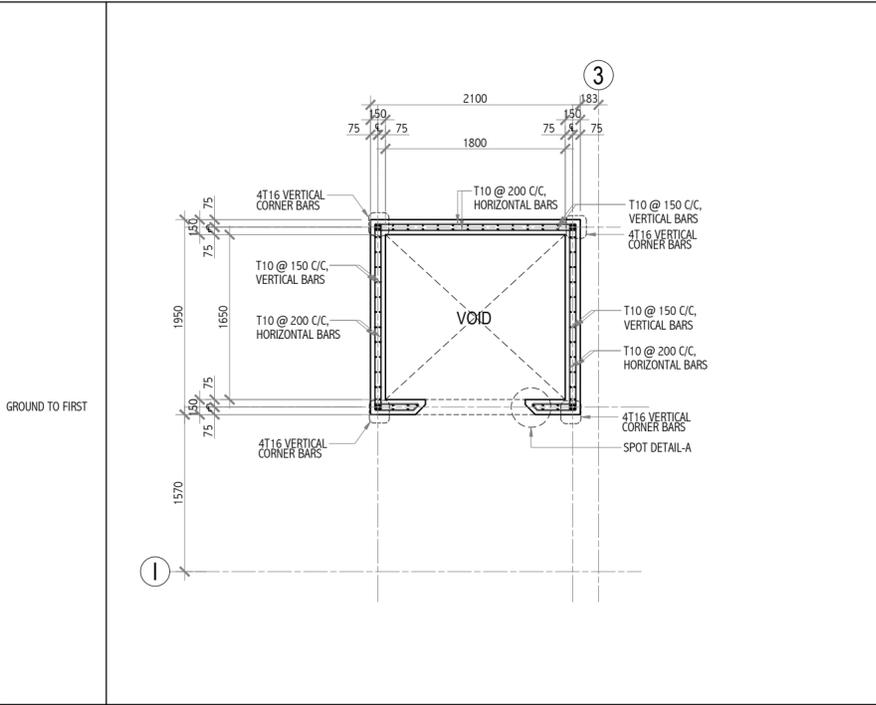
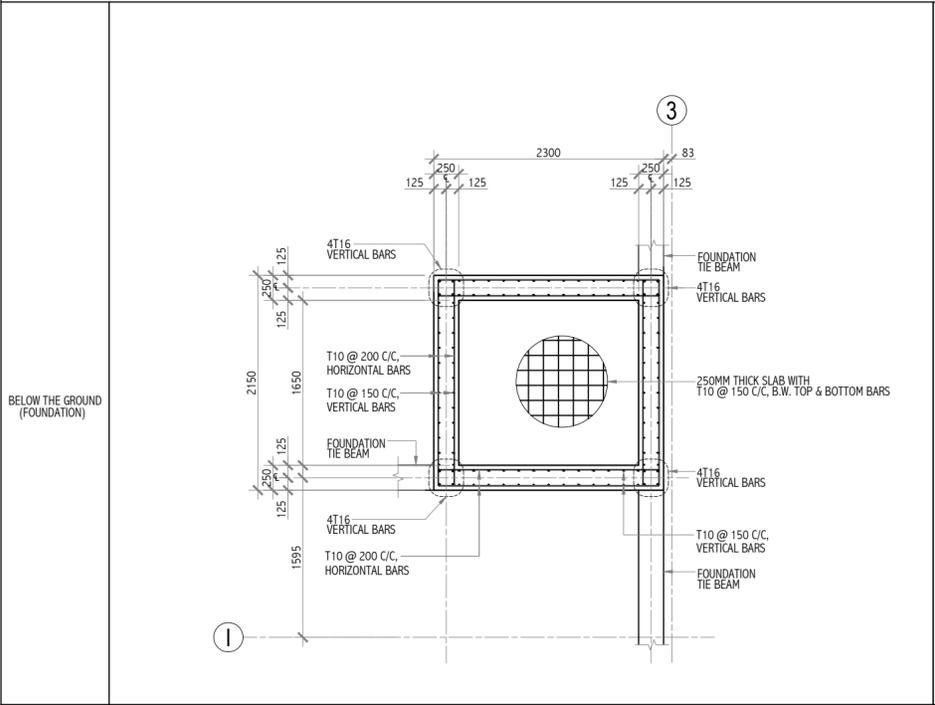
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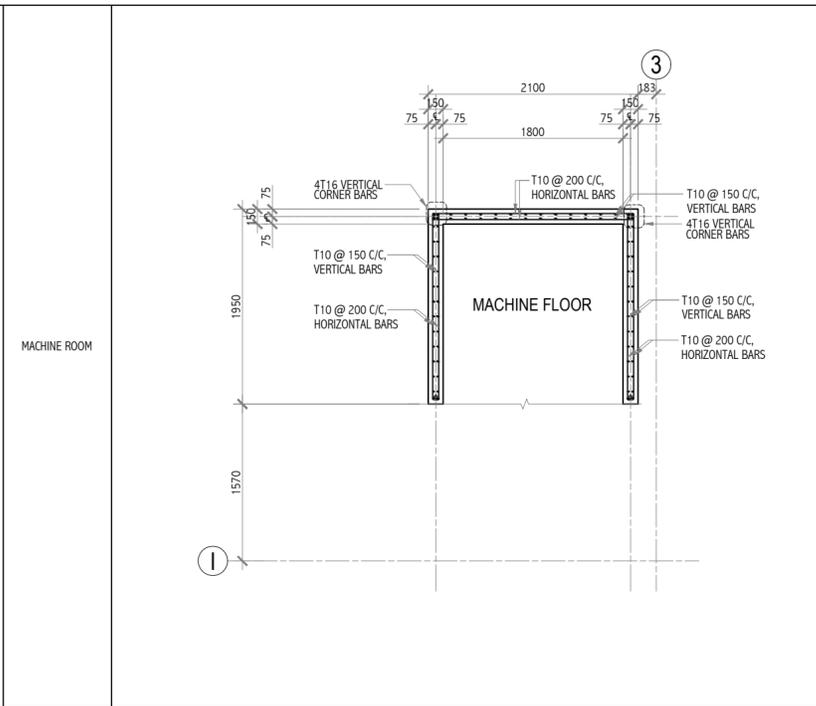
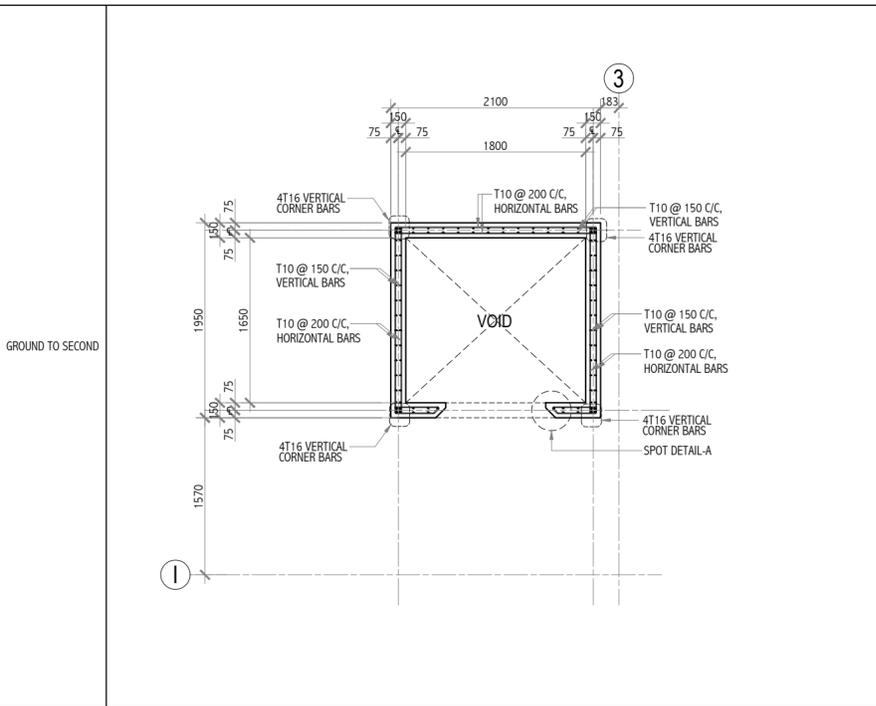
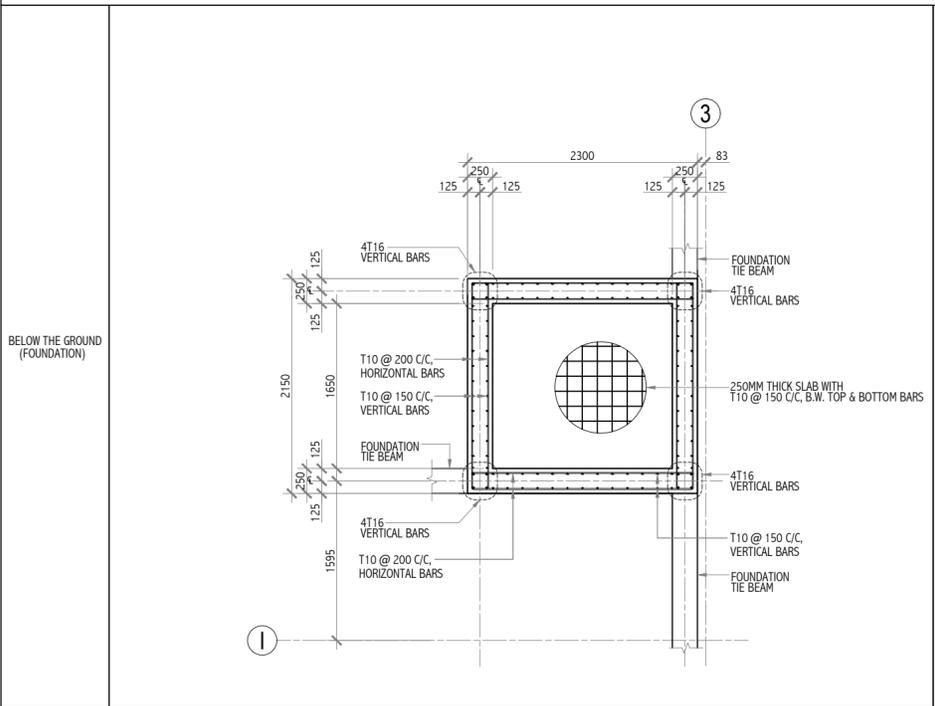
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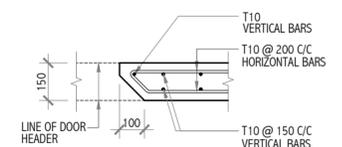
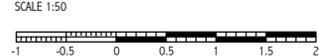
LIFT-1



LIFT-2



LIFT WALL-1 & 2 REINFORCEMENT SCHEDULE



LIFT SPOT DETAIL-A
SCALE 1:20

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX

Drawing Title: LIFT WALL-1 & 2 REINFORCEMENT SCHEDULE

Scale: AS SHOWN

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF

Date: SEPTEMBER 2021
Design By: AHMED

Drawing Number: 21-510

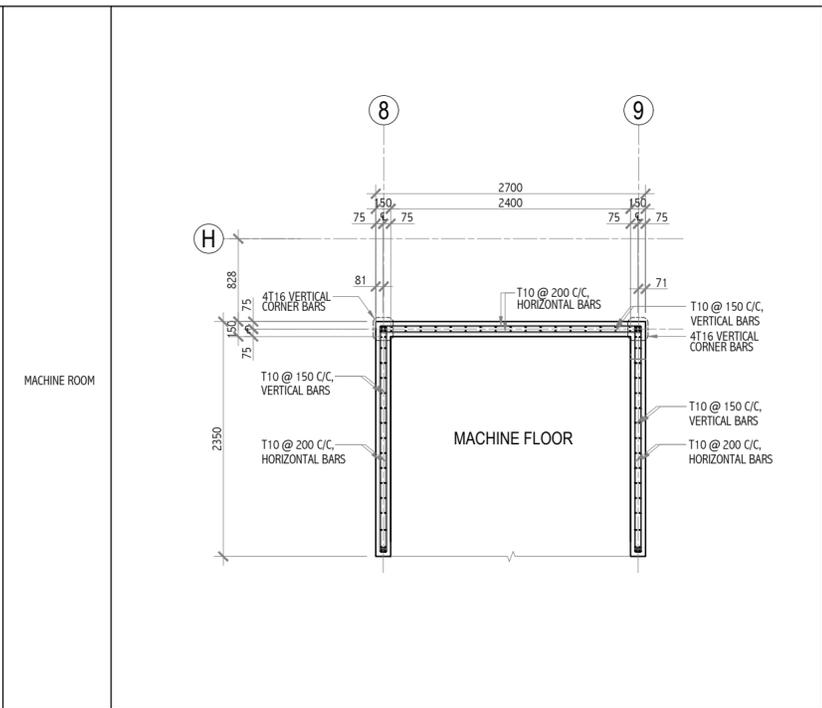
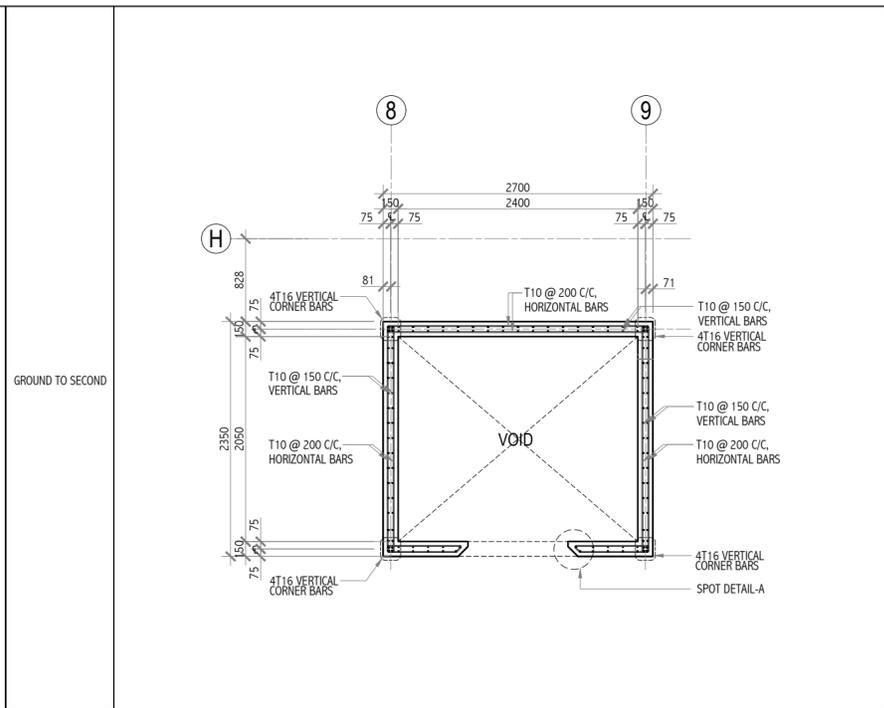
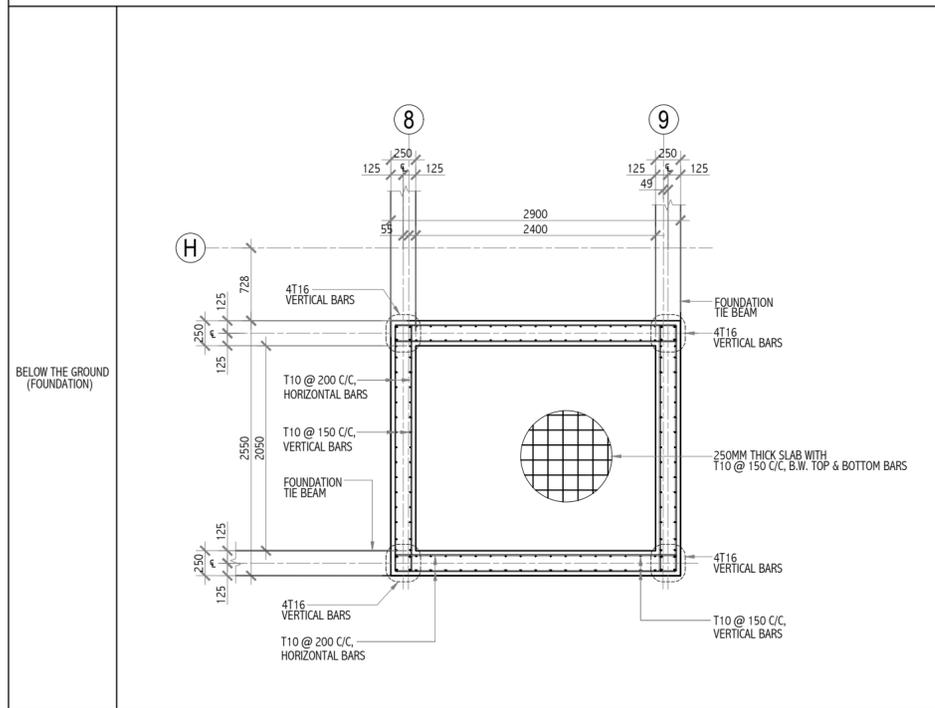
Revision Number: R01

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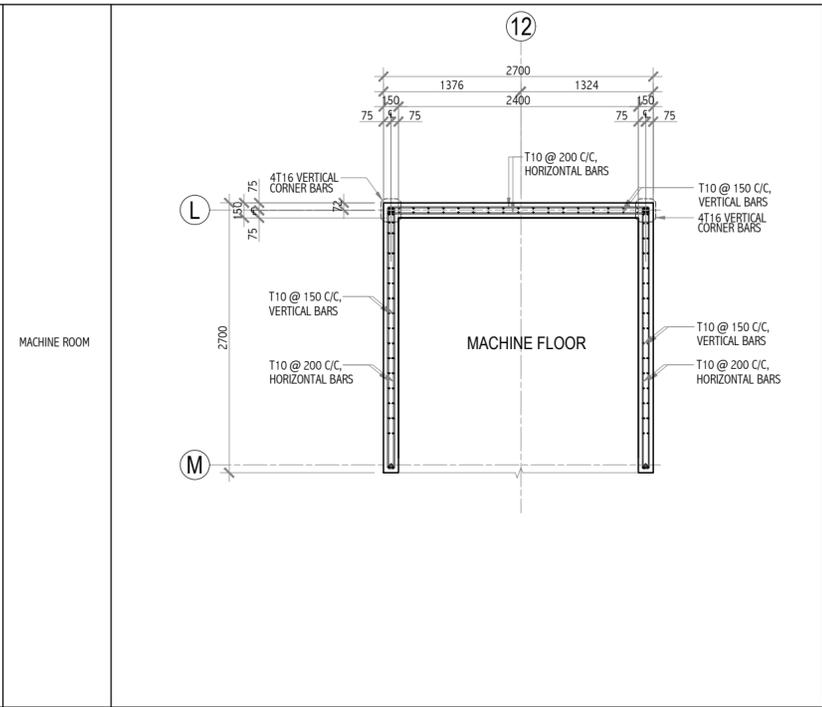
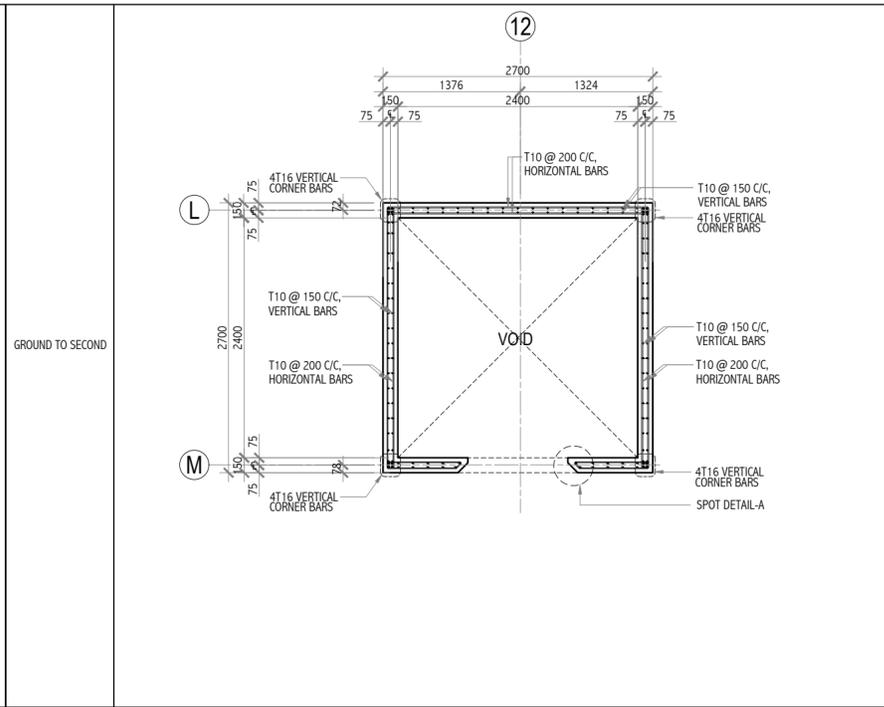
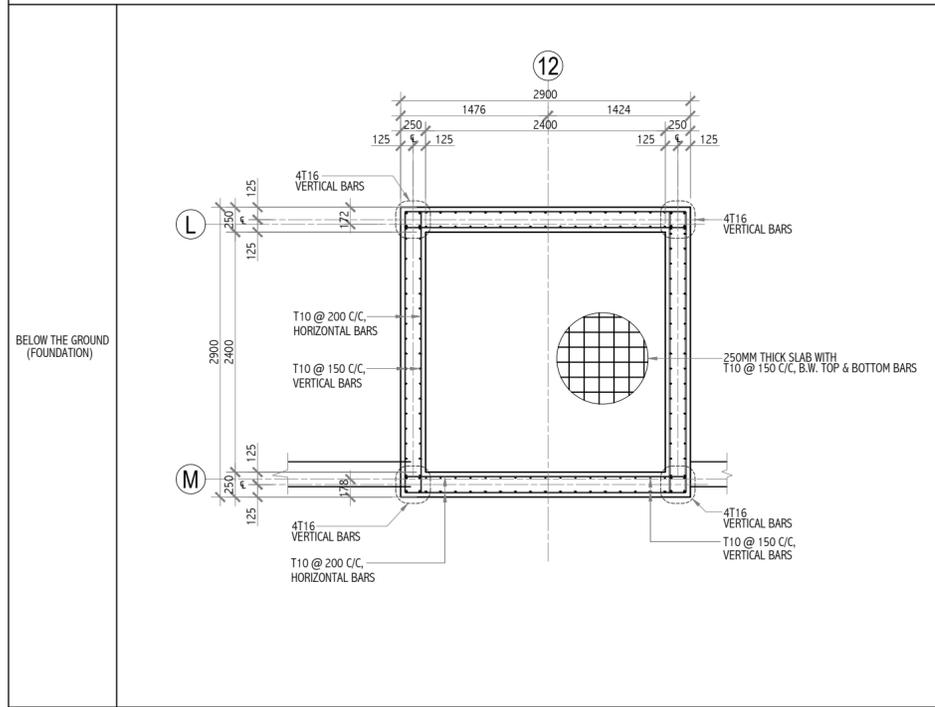
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LIFT-3

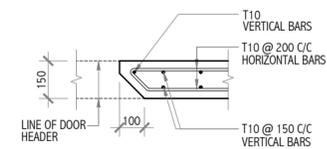


LIFT-4



LIFT WALL- 3 & 4 REINFORCEMENT SCHEDULE

SCALE 1:50



LIFT SPOT DETAIL-A
SCALE 1:20

Revision	Date	Drawn By	Checked By
-	-	-	-
-	-	-	-
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-	-	-	-

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX

Drawing Title: LIFT WALL-3 & 4 REINFORCEMENT SCHEDULE

Scale: AS SHOWN

Discipline: STRUCTURAL

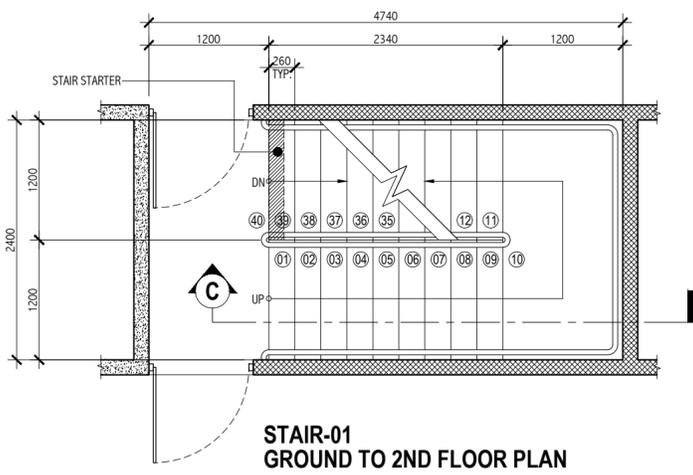
Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Design By: AHMED

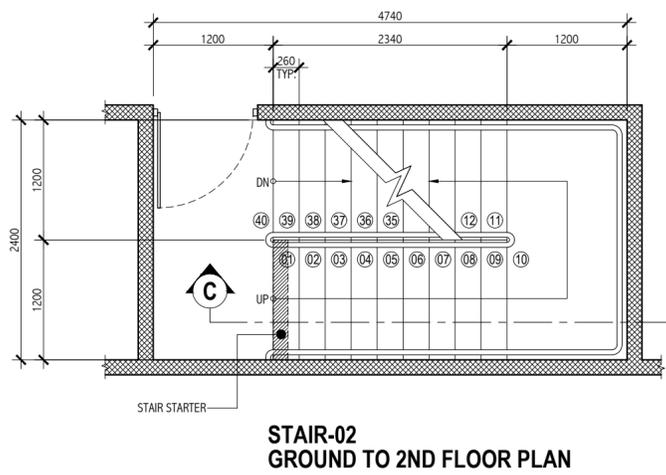
Drawing Number: 21-511

Revision Number: R01

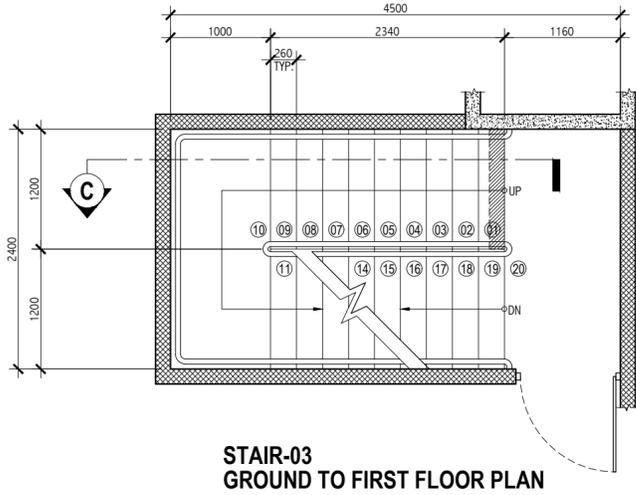
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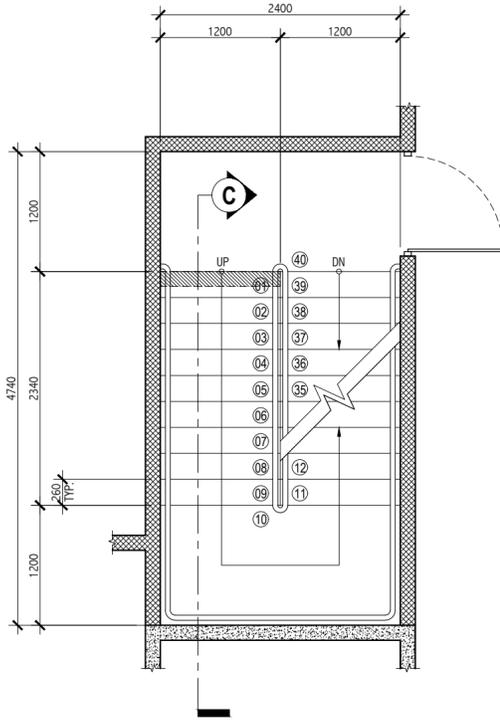
STAIR-01
GROUND TO 2ND FLOOR PLAN



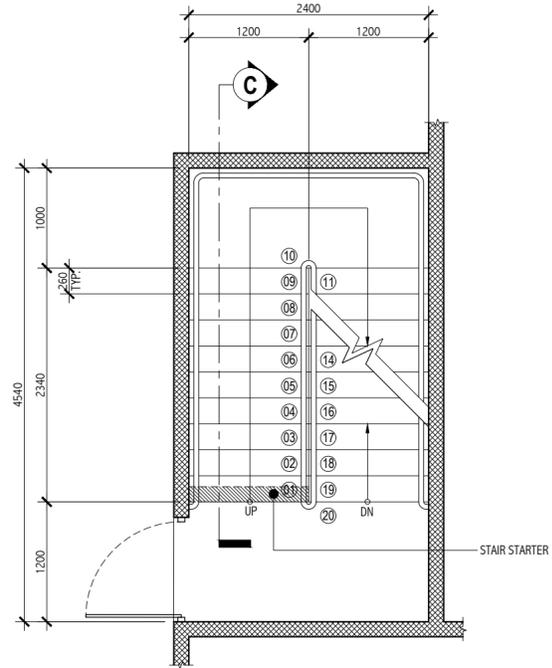
STAIR-02
GROUND TO 2ND FLOOR PLAN



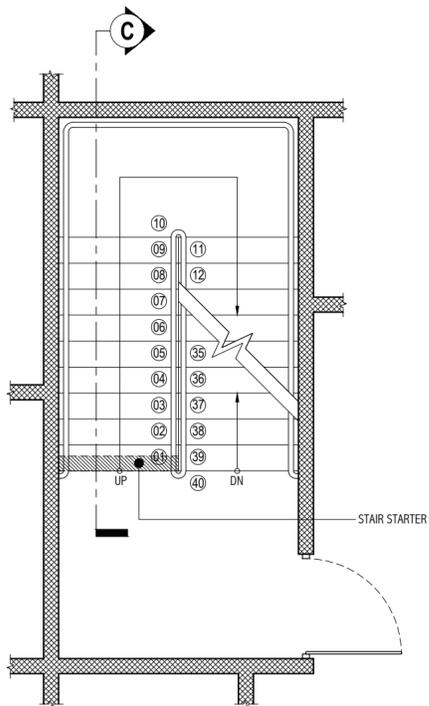
STAIR-03
GROUND TO FIRST FLOOR PLAN



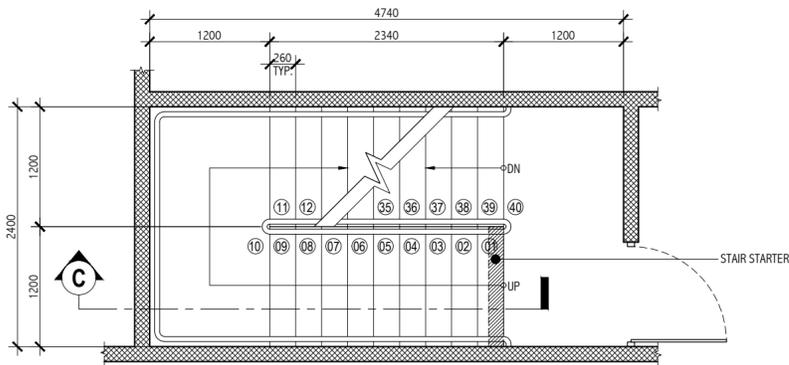
STAIR-04
GROUND TO 2ND FLOOR PLAN



STAIR-05
GROUND TO 1ST FLOOR PLAN



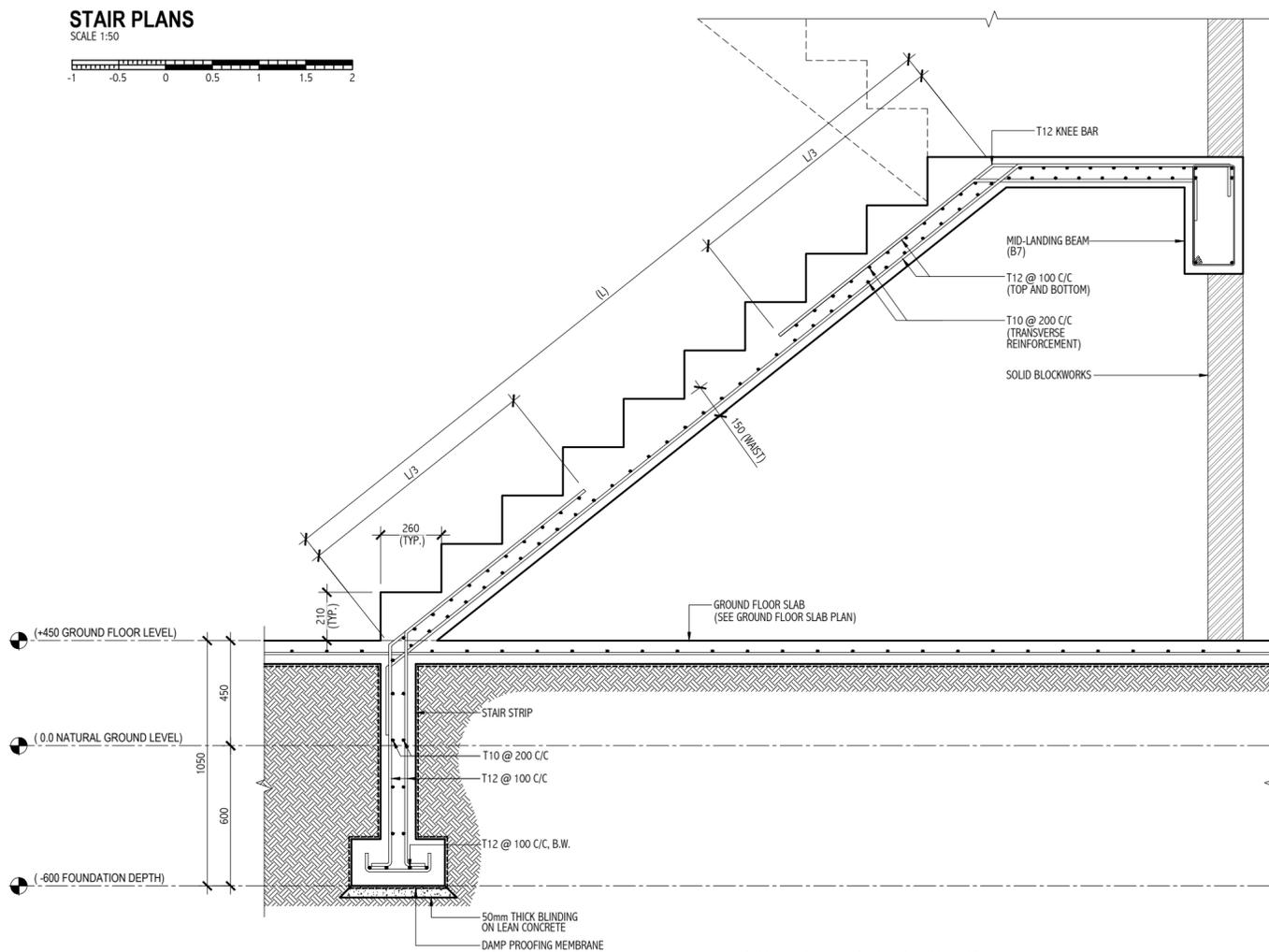
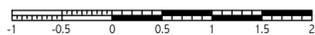
STAIR-06
GROUND TO 2ND FLOOR PLAN



STAIR-07
GROUND TO 1ST FLOOR PLAN

STAIR PLANS

SCALE 1:50



TYPICAL STAIR SECTION-C

SCALE 1:20

Revision	Date	Drawn By	Checked By

Client: Department of Judicial Administration, Maldives
Project Title:

Court Complex Building in Addu City,

Building Name: **ADDU COURT COMPLEX**
Drawing Title: **STAIR DETAILS**

Scale: **AS SHOWN**

Discipline: **STRUCTURAL**

Stage: **SUBMISSION**

Original Drawn By: HOMER Date: SEPTEMBER 2021
Checked By: SHAREEF Design By: AHMED

Drawing Number: **21-512**

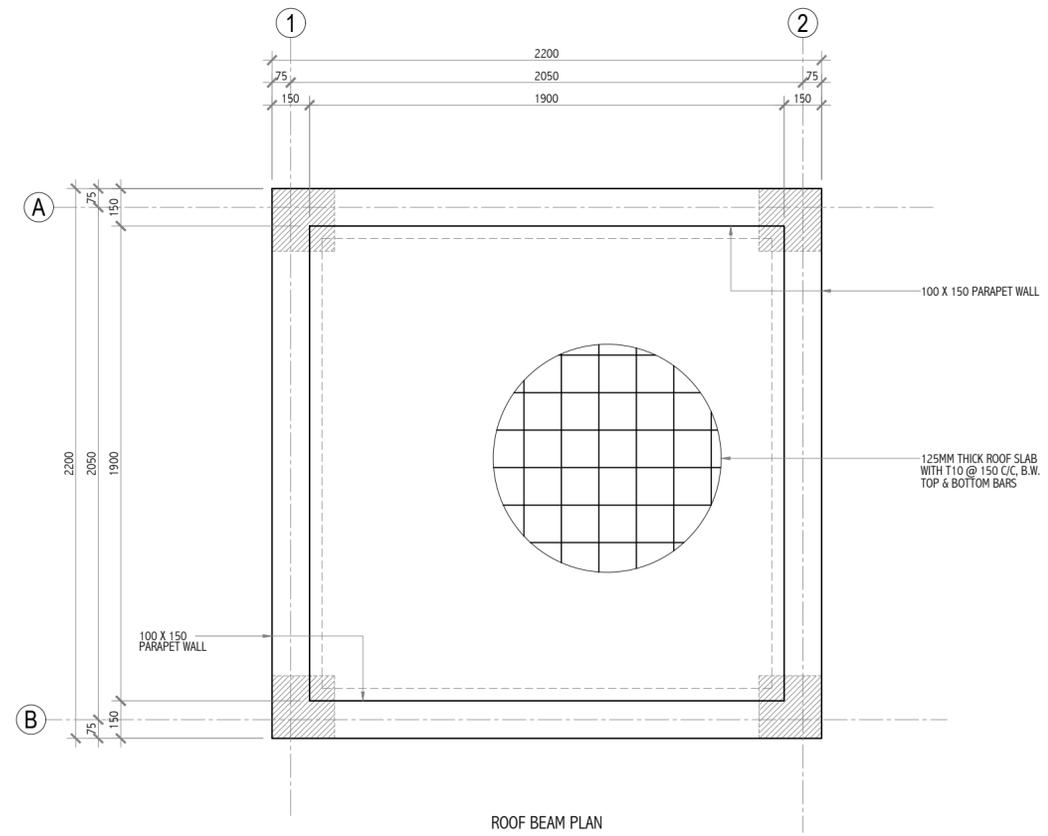
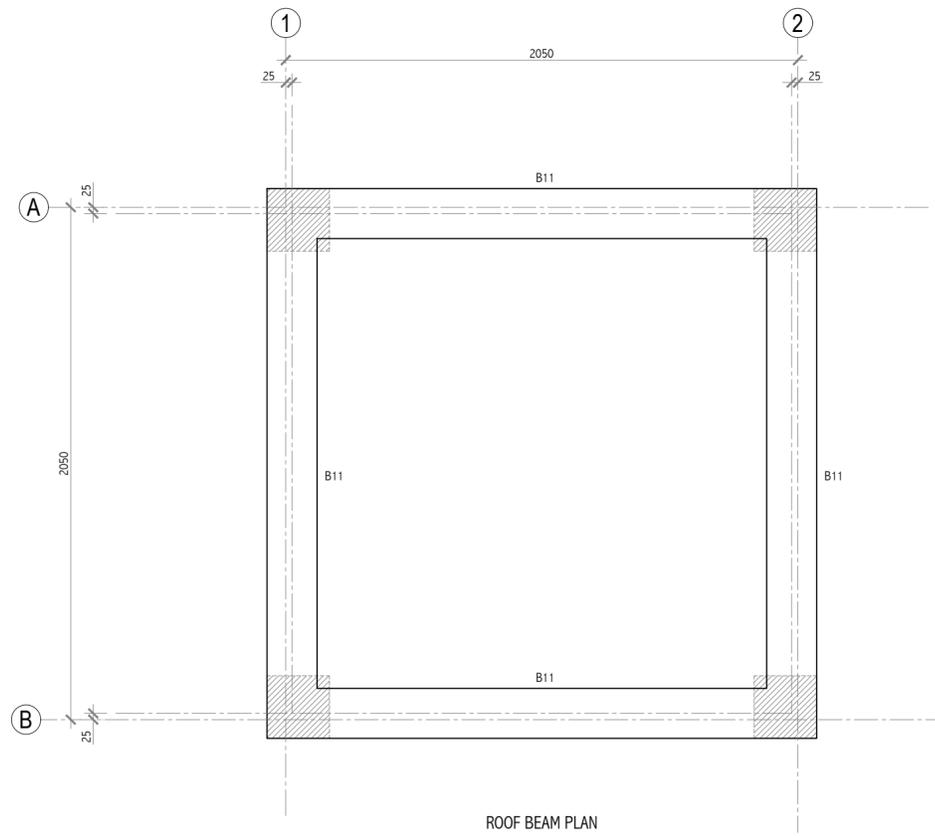
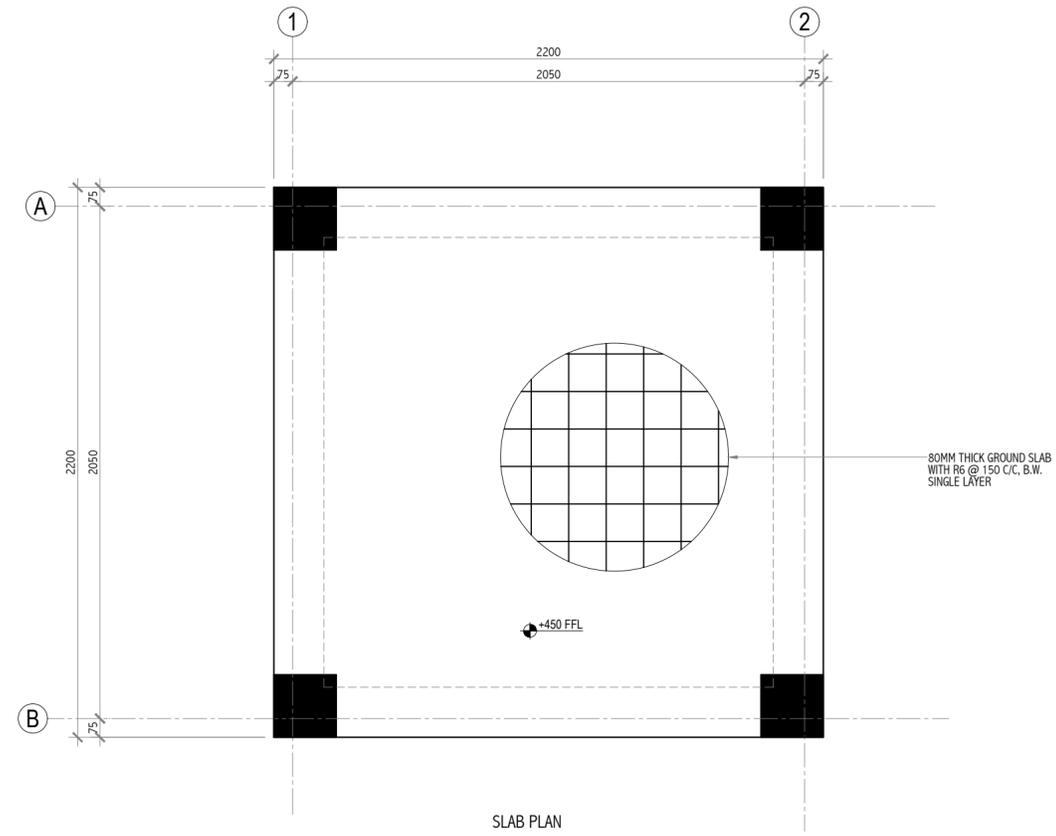
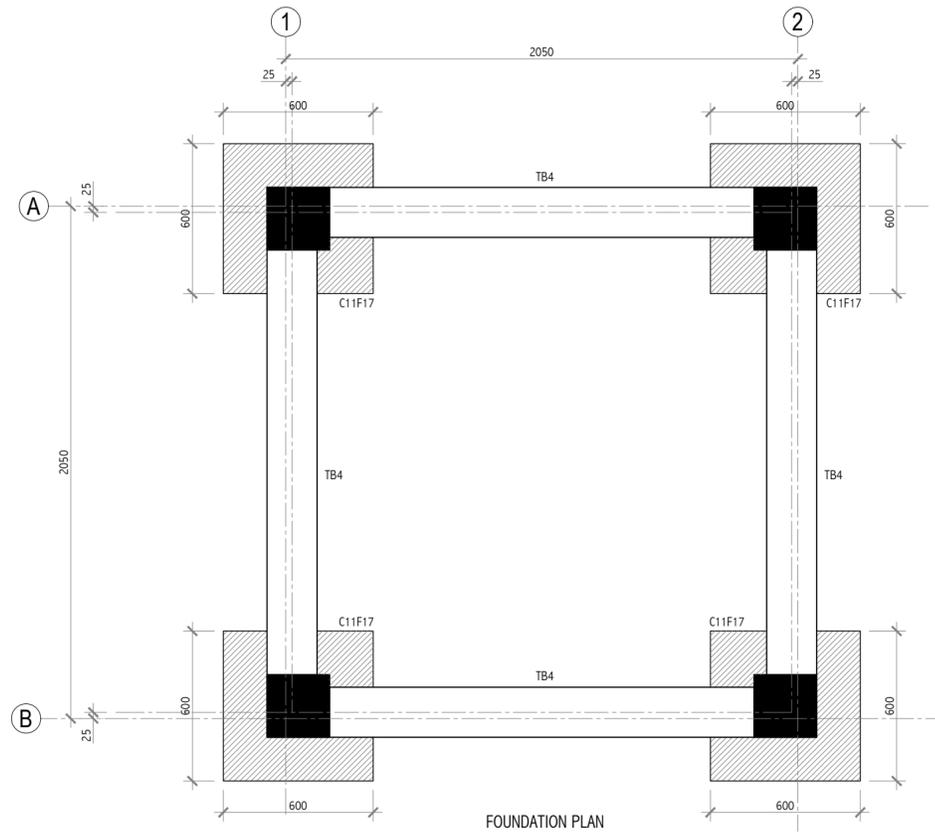
Revision Number: **R01**

File Name: H9-21-512R01.dwg

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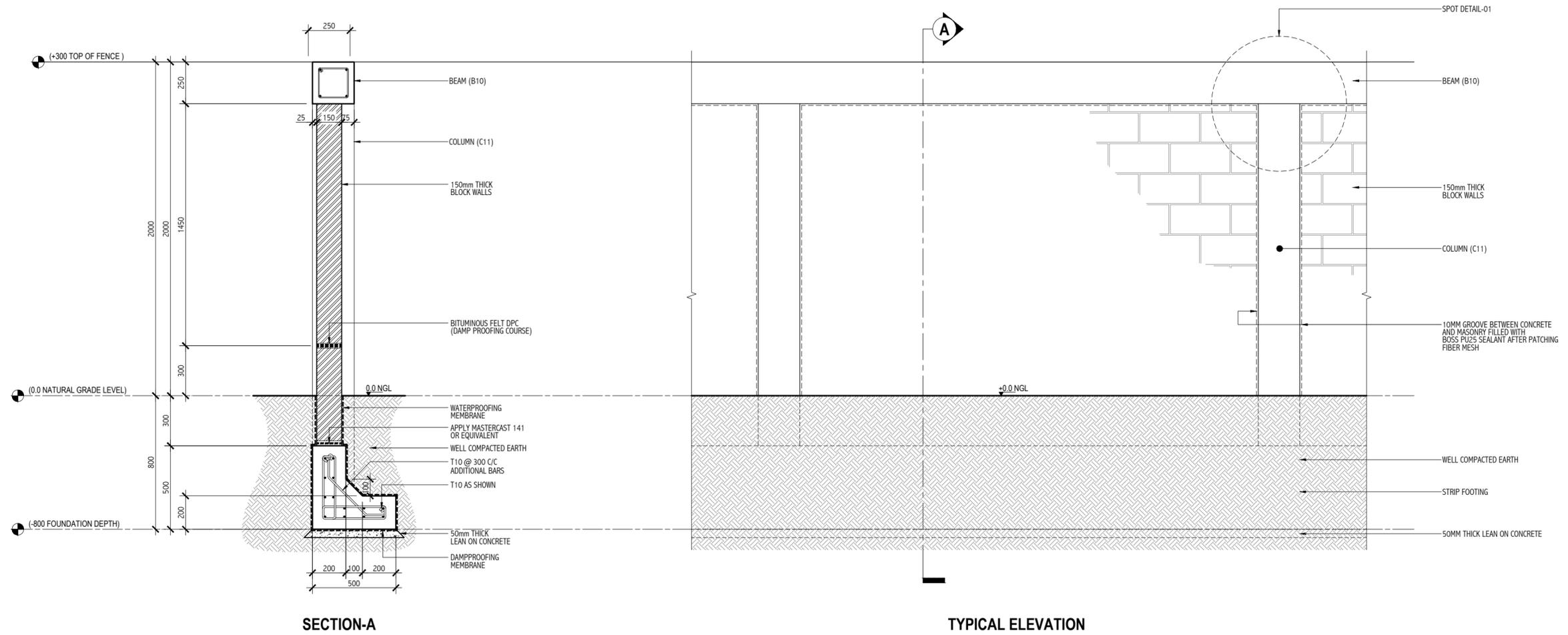


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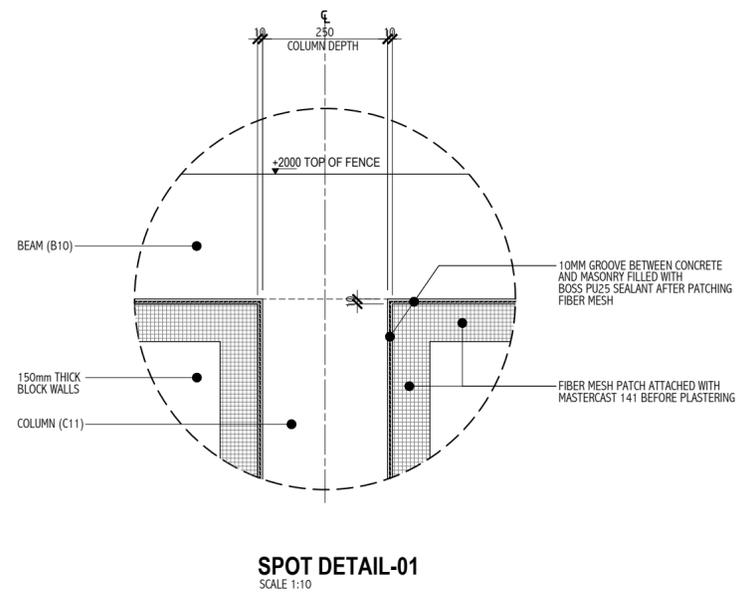
Client : Department of Judicial Administration, Maldives
 Project Title : Court Complex Building in Addu City,
 Building Name : ADDU COURT COMPLEX
 Drawing Title : GUARD POST DETAILS REINFORCEMENT SCHEDULE
 Scale : 1:20
 Discipline : STRUCTURAL
 Stage : SUBMISSION
 Original Drawn By : HOMER
 Checked By : SHAREEF
 Date : SEPTEMBER 2021
 Design By : AHMED
 Drawing Number : 21-513
 Revision Number : R01
 File Name : HB-21-513R01.dwg

GUARD POST DETAILS
 SCALE 1:20

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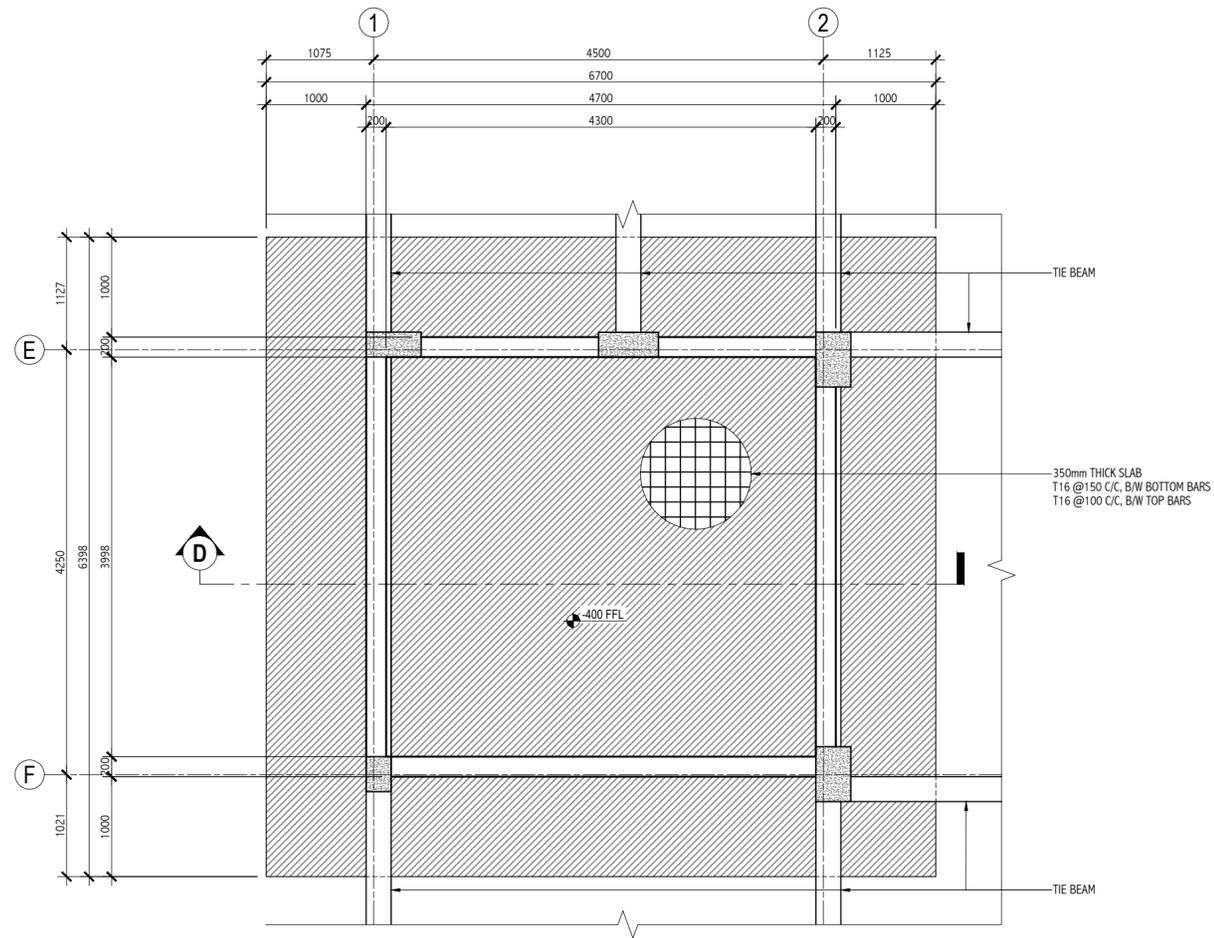


BOUNDARY WALL DETAILS
SCALE 1:20

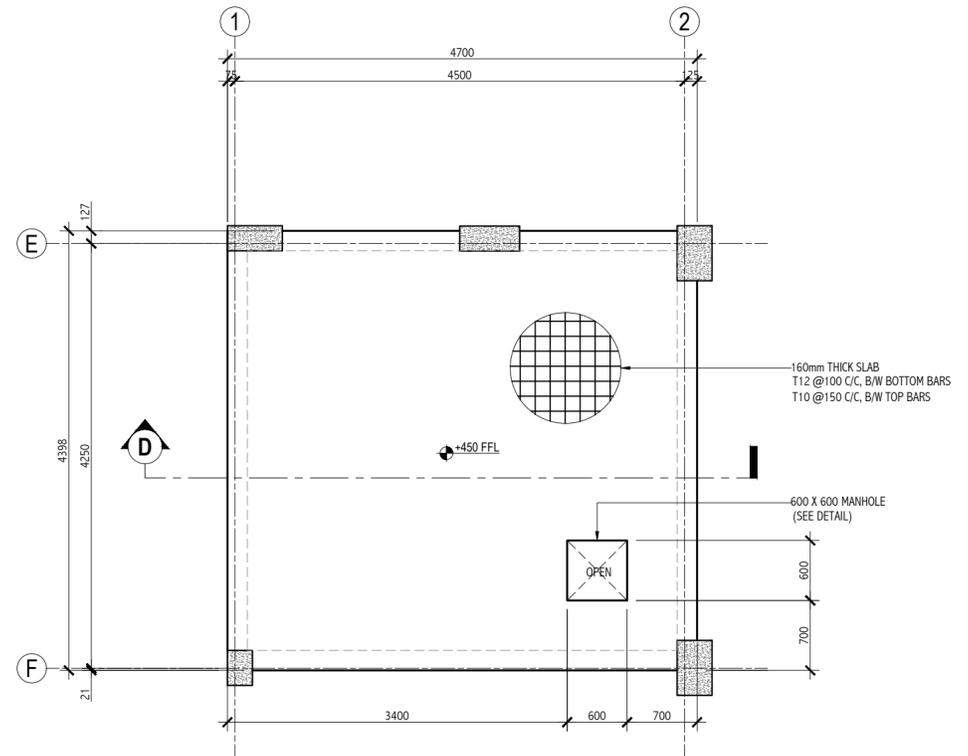


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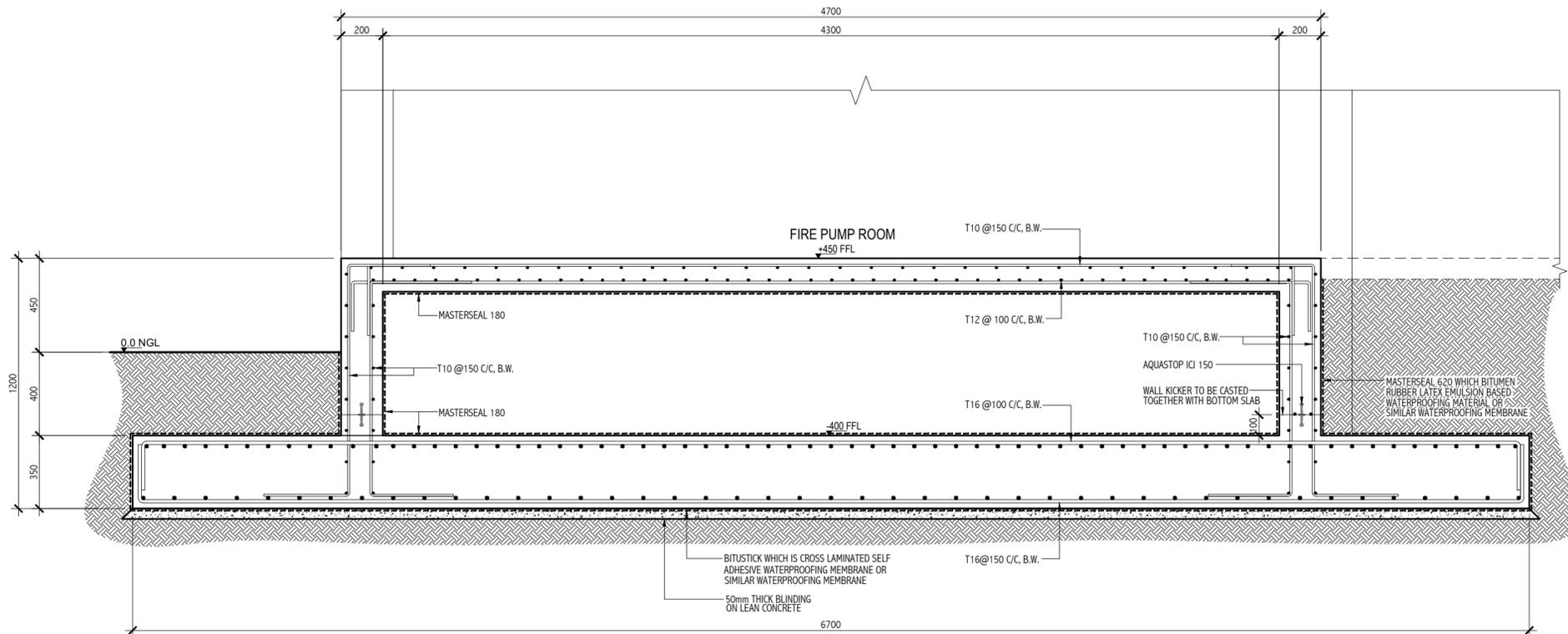
Client : **Department of Judicial Administration, Maldives**
 Project Title : **Court Complex Building in Addu City,**
 Building Name : **ADDU COURT COMPLEX**
 Drawing Title : **BOUNDARY WALL DETAILS**
 Scale : **AS SHOWN**
 Discipline : **STRUCTURAL**
 Stage : **SUBMISSION**
 Original Drawn By : **HOMER** Date : **SEPTEMBER 2021**
 Checked By : **SHAREEF** Design By : **AHMED**
 Drawing Number : **21-514**
 Revision Number : **R01**
 File Name : **H9-21-514R01.dwg**



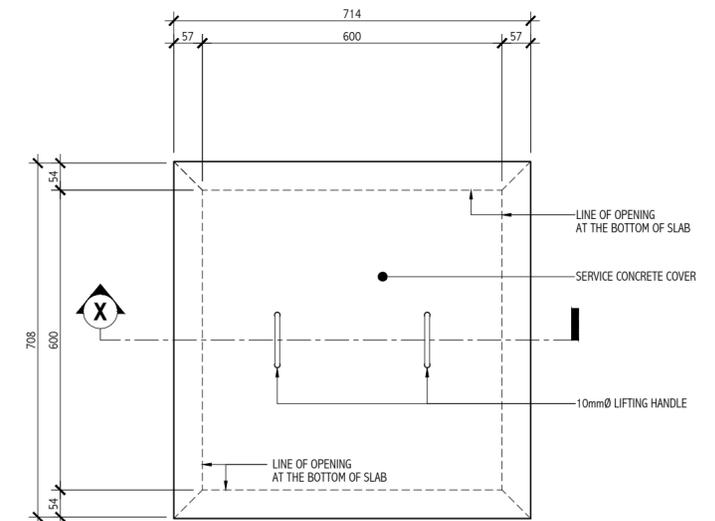
WATER TANK BOTTOM SLAB PLAN
SCALE 1:50



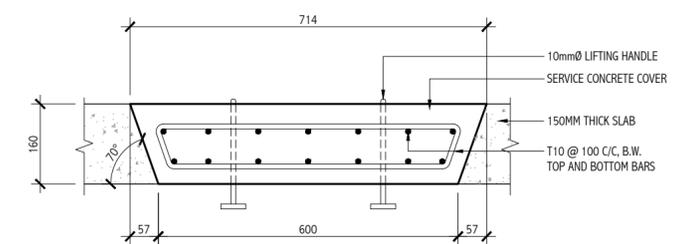
WATER TANK TOP SLAB PLAN
SCALE 1:50



WATER TANK SECTION-D
SCALE 1:20



PLAN



SECTION-X

SERVICE COVER AND OPENING DETAIL
SCALE 1:10

Revision	Date	Drawn By	Checked By
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Client: Department of Judicial Administration, Maldives

Project Title: Court Complex Building in Addu City,

Building Name: ADDU COURT COMPLEX
Drawing Title: WATER TANK DETAILS

Scale: AS SHOWN

Discipline: STRUCTURAL

Stage: SUBMISSION

Original Drawn By: HOMER
Checked By: SHAREEF
Date: SEPTEMBER 2021
Design By: AHMED

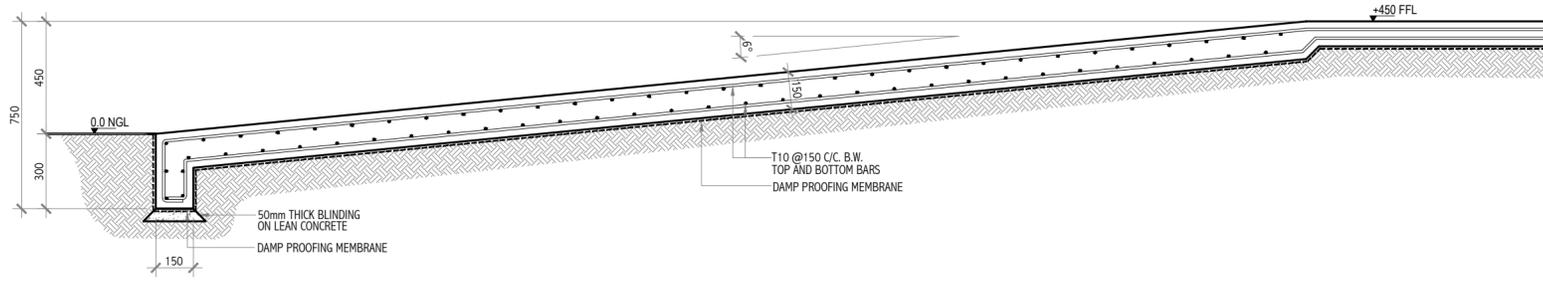
Drawing Number: 21-515

Revision Number: R01

File Name: HB-21-515R01.dwg

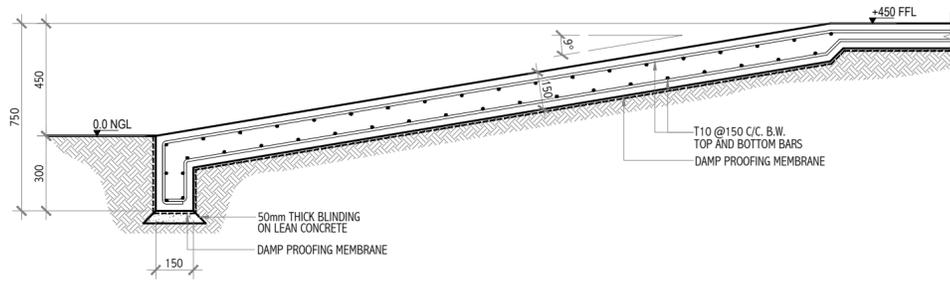
Deens Villa
Meheli Goshi
Malé 20012
Republic of Maldives
Tel: 960 3318452
E-Mail: admin@gedor.com.mv
Webpage: gedor.com.mv

All dimensions to be checked on site.
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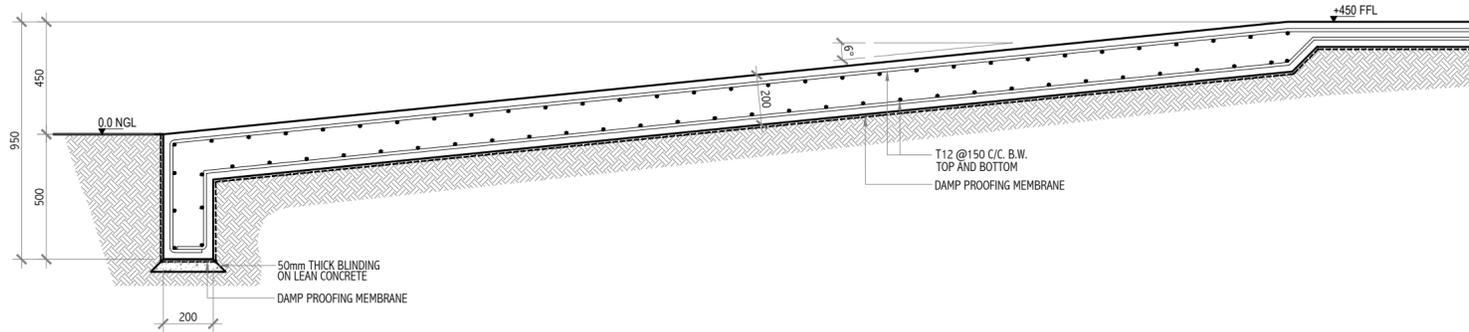
PEDESTRIAN RAMP -01 DETAIL

SCALE 1:20



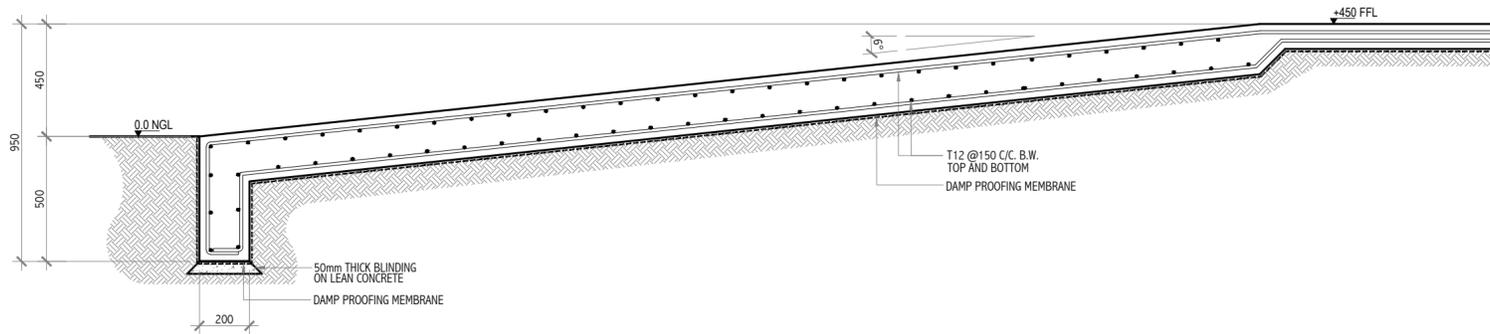
PEDESTRIAN RAMP-02 DETAIL

SCALE 1:20



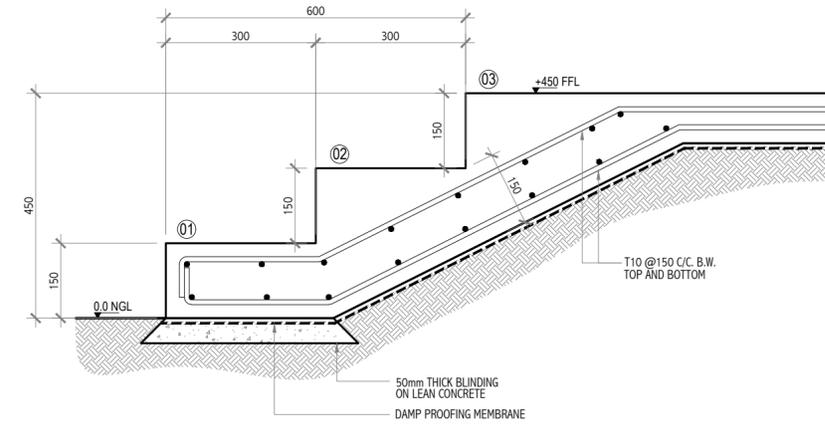
TYPICAL VEHICLE PORT RAMP -DETAIL

SCALE 1:20



TYPICAL ENTRANCE RAMP -DETAIL

SCALE 1:20



TYPICAL STEPS -DETAIL

SCALE 1:10

Revision	Date	Drawn By	Checked By
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Client : Department of Judicial Administration, Maldives

Project Title :

Court Complex Building in Addu City,

Building Name : **ADDU COURT COMPLEX**

Drawing Title : **RAMP & STEP DETAILS**

Scale : **AS SHOWN**

Discipline : **STRUCTURAL**

Stage : **SUBMISSION**

Original Drawn By : **HOMER** Date : **SEPTEMBER 2021**

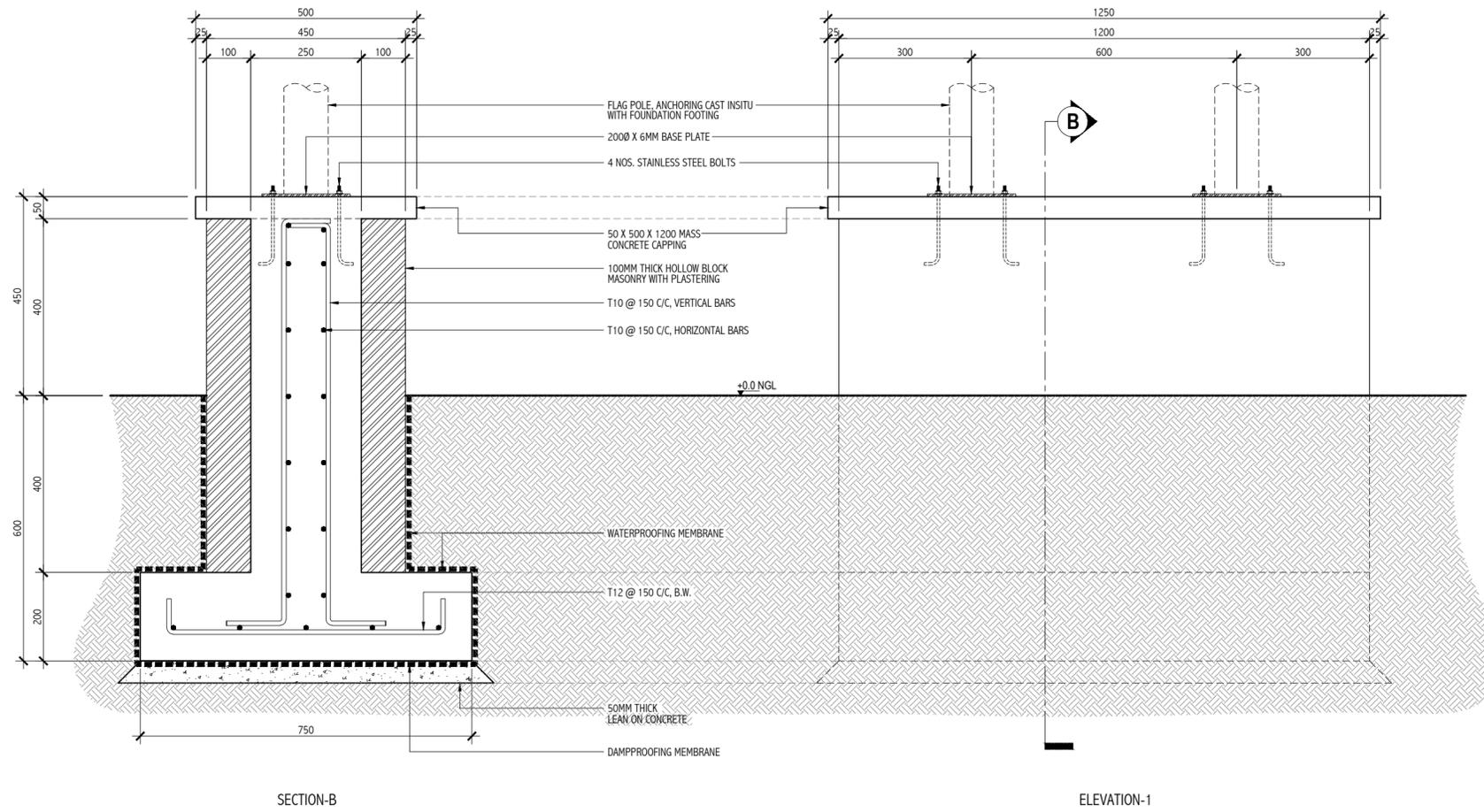
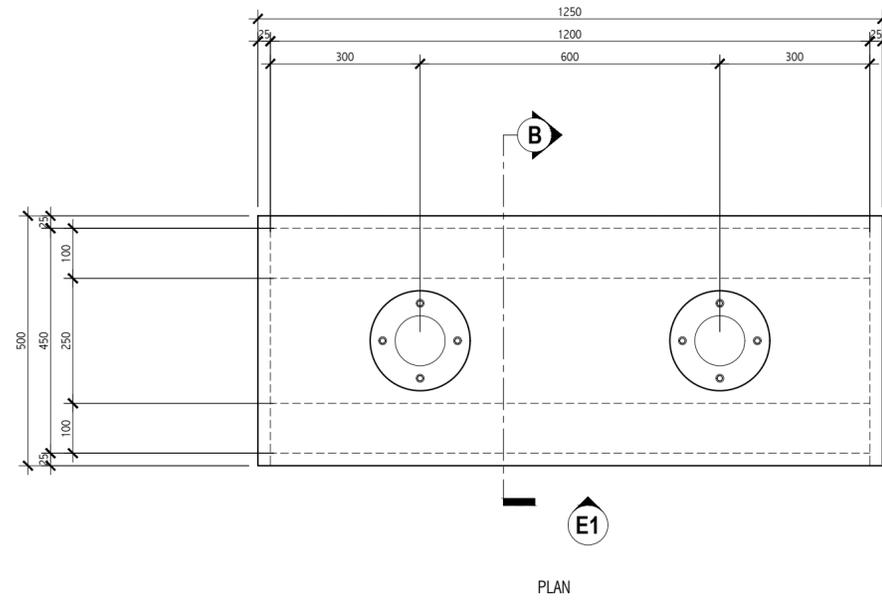
Checked By : **SHAREEF** Design By : **AHMED**

Drawing Number : **21-516**

Revision Number : **R01**

File Name : **H9-21-516R01.dwg**

NOTE:
SEE GROUND FLOOR SLAB FOR EACH LOCATIONS.



FLAG POLE CONCRETE SUPPORT DETAILS
SCALE 1:10

Revision	Date	Drawn By	Checked By
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-	-	-	-
-	-	-	-
-	-	-	-

Client : Department of Judicial Administration, Maldives

Project Title : Court Complex Building in Addu City,

Building Name : ADDU COURT COMPLEX
Drawing Title : FLAG POLE CONCRETE SUPPORT DETAILS

Scale : 1:10
Discipline : STRUCTURAL
Stage : SUBMISSION

Original Drawn By : HOMER Date : SEPTEMBER 2021
Checked By : SHAREEF Design By : AHMED

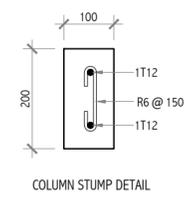
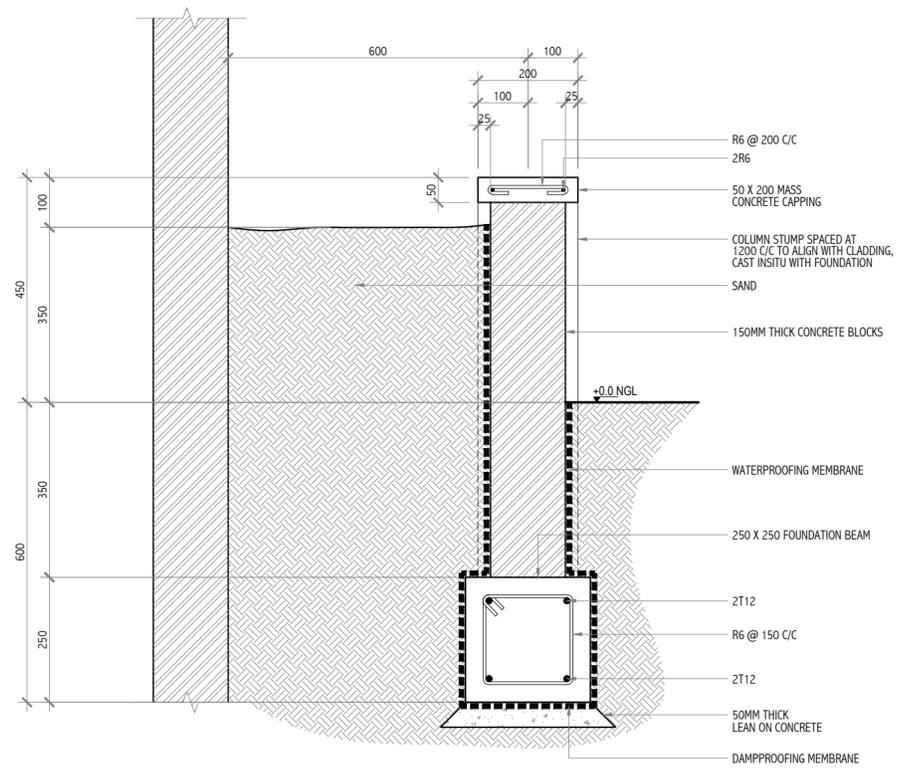
Drawing Number : 21-517

Revision Number : R01

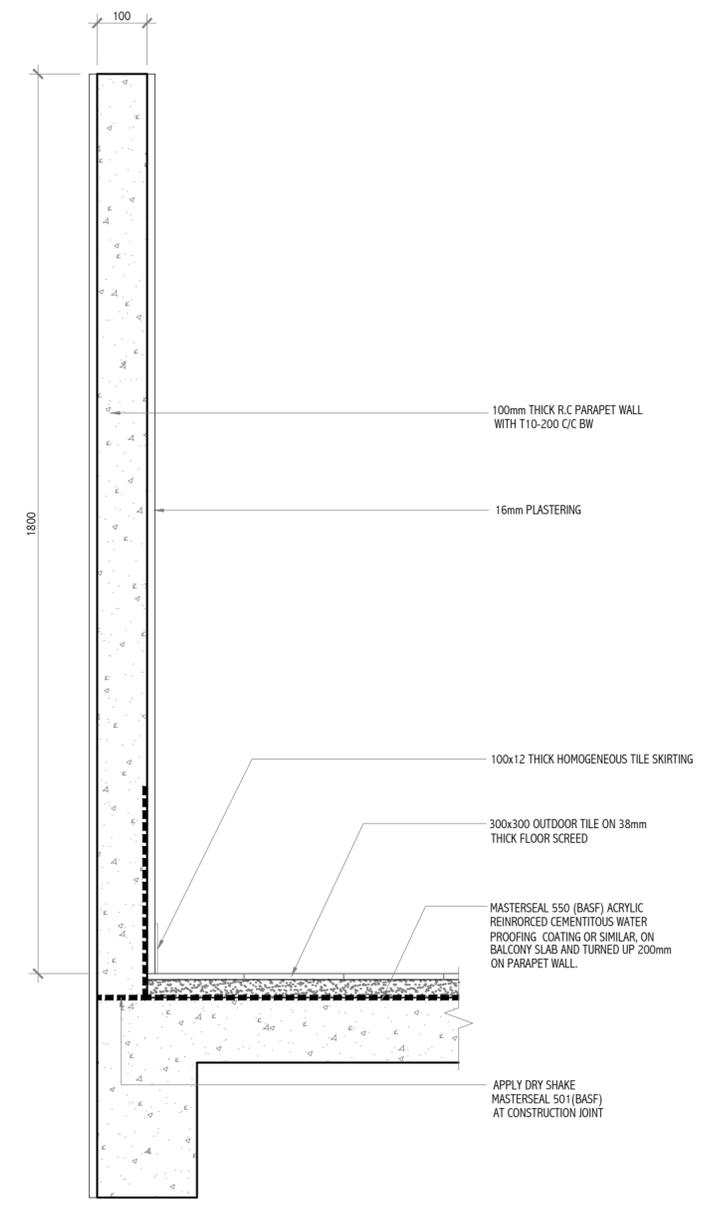
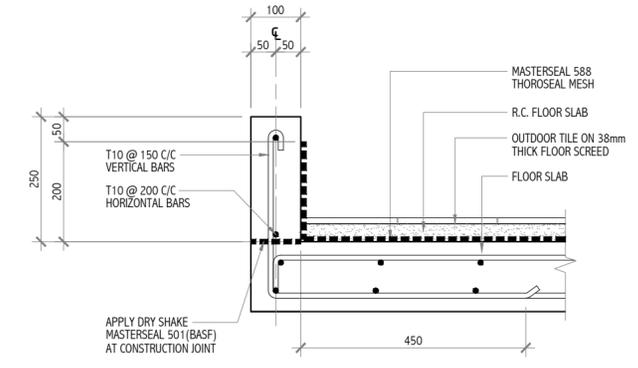
File Name : HB-21-517R01.dwg

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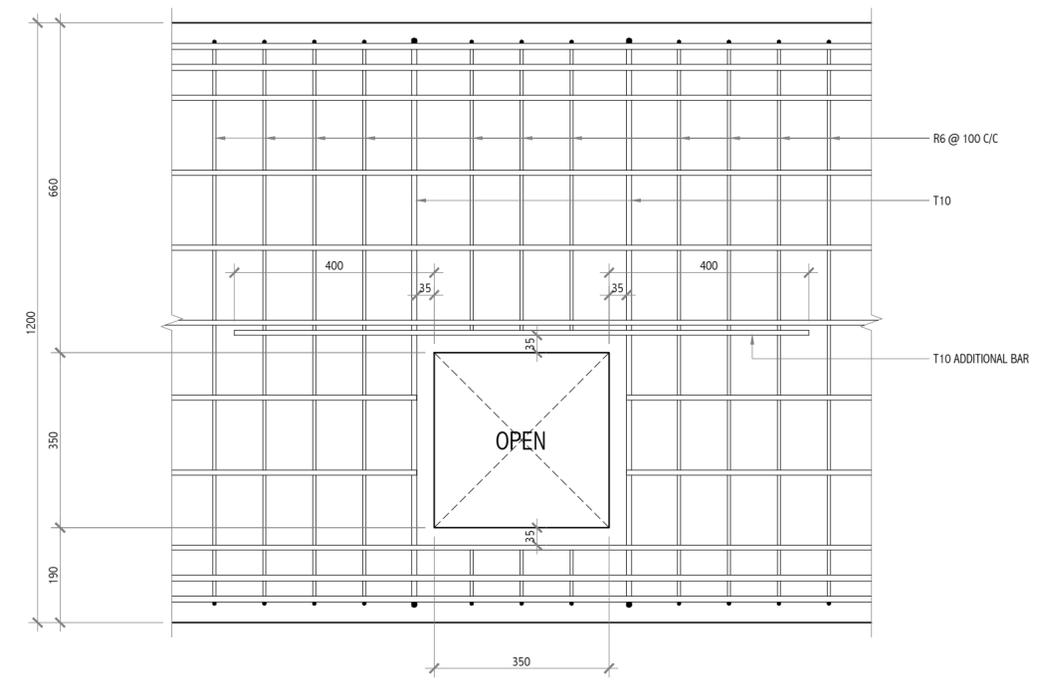
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PLANTERS DETAILS
SCALE 1:10



PARAPET DETAILS
SCALE 1:10



DUCT OPENING ON BEAM (B9) DETAIL
SCALE 1:10

Revision	Date	Drawn By	Checked By
-	-	-	-
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-	-	-	-
-	-	-	-

Client: Department of Judicial Administration, Maldives
 Project Title: Court Complex Building in Addu City,
 Building Name: ADDU COURT COMPLEX
 Drawing Title: PLANTER DETAIL
 DUCT OPENING ON BEAM (B9)
 PARAPET DETAILS
 Scale: 1:10
 Discipline: STRUCTURAL
 Stage: SUBMISSION
 Original Drawn By: HOMER Date: SEPTEMBER 2021
 Checked By: SHAREEF Design By: AHMED
 Drawing Number: 21-518
 Revision Number: R01
 File Name: HB-21-518R01.dwg