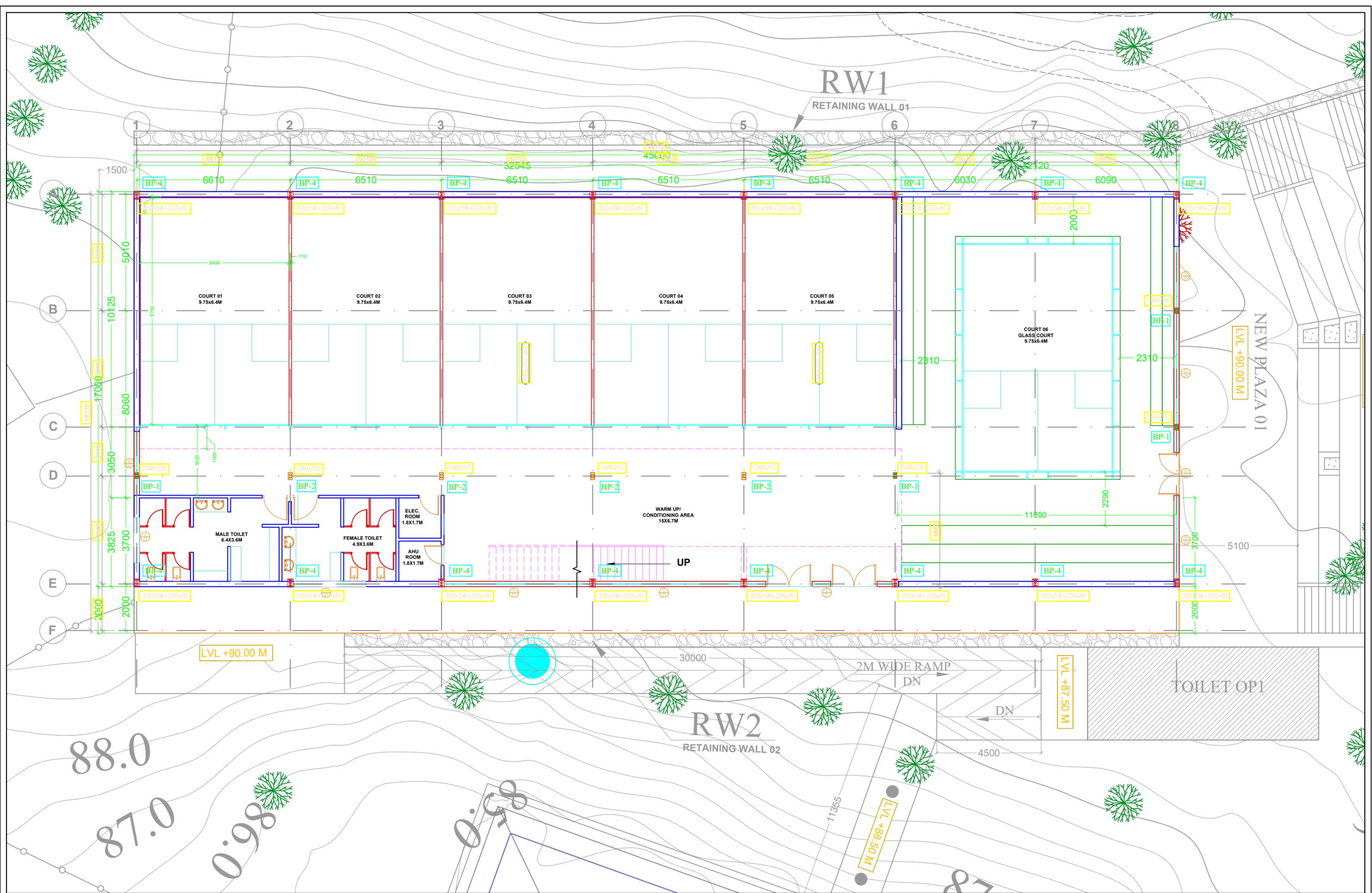


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LAWRENCE SCHOOL, SQUASH COURTS	SITE PLAN SQUASH COURTS	NO.	DATE	REVISION	CHKD.	DRAWN			03
		01				DATE	20.11.2025		
		SHEET REVISION RECORD				SCALE			



PROJECT  
LAWRENCE SCHOOL,  
SQUASH COURTS

DWG NAME  
GROUND FLOOR PLAN

REVISION			
NO.	DATE	REVISION	CHKD.
01			

SHEET REVISION RECORD

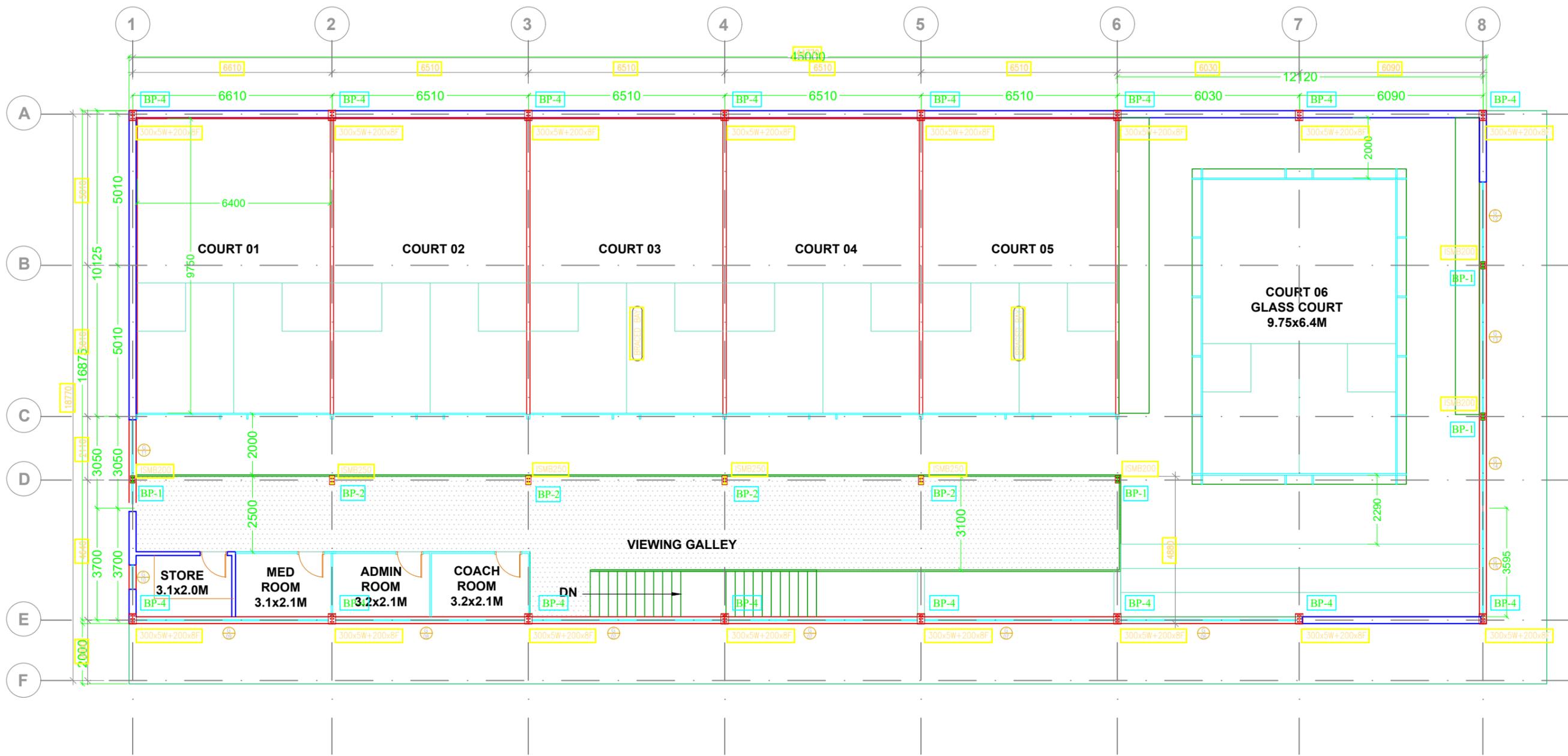
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DATE 29.10.2025  
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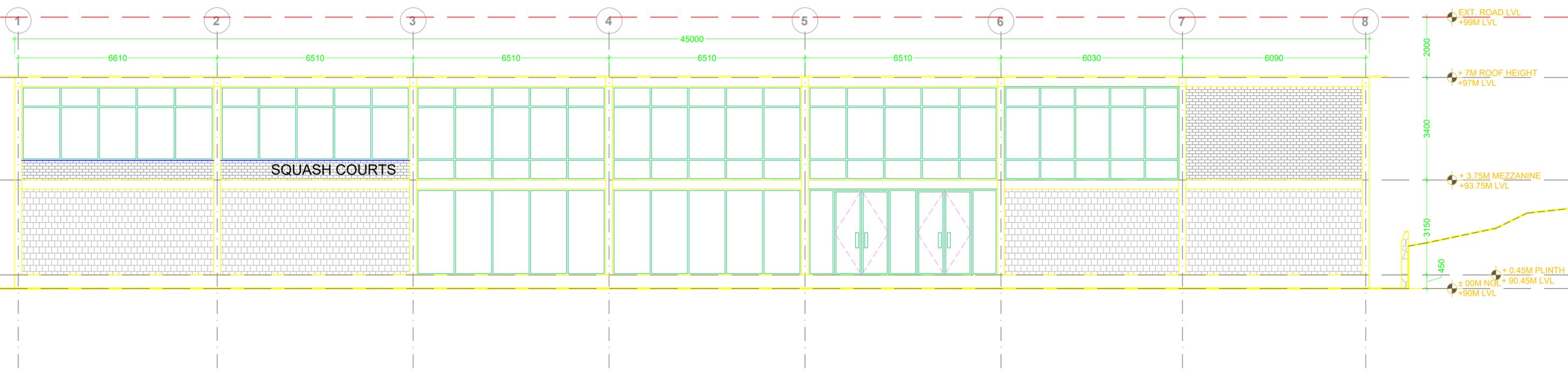
ARCHITECT

DWG NO.  
LSL/SC-A-201

SHEET NO.



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		NO.	DATE	REVISION	CHKD.			DRAWN			
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FRONT ELEVATION

PROJECT	DWG NAME
LAWRENCE SCHOOL, SQUASH COURTS	ELEVATIONS

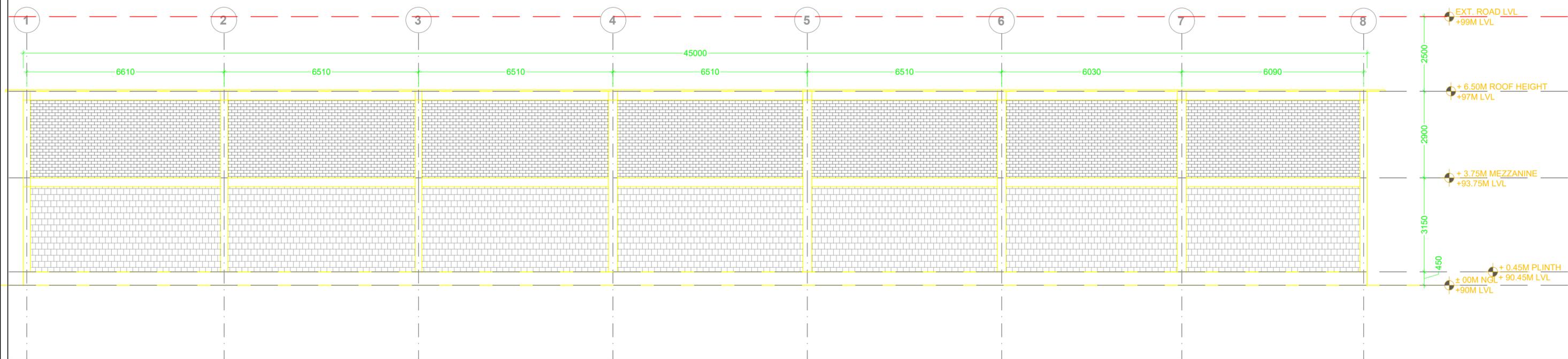
REVISION				REVISION	NORTH
NO.	DATE	REVISION	CHKD.		
01					

SHEET REVISION RECORD

DEALT	
DRAWN	
DATE	16.10.2025
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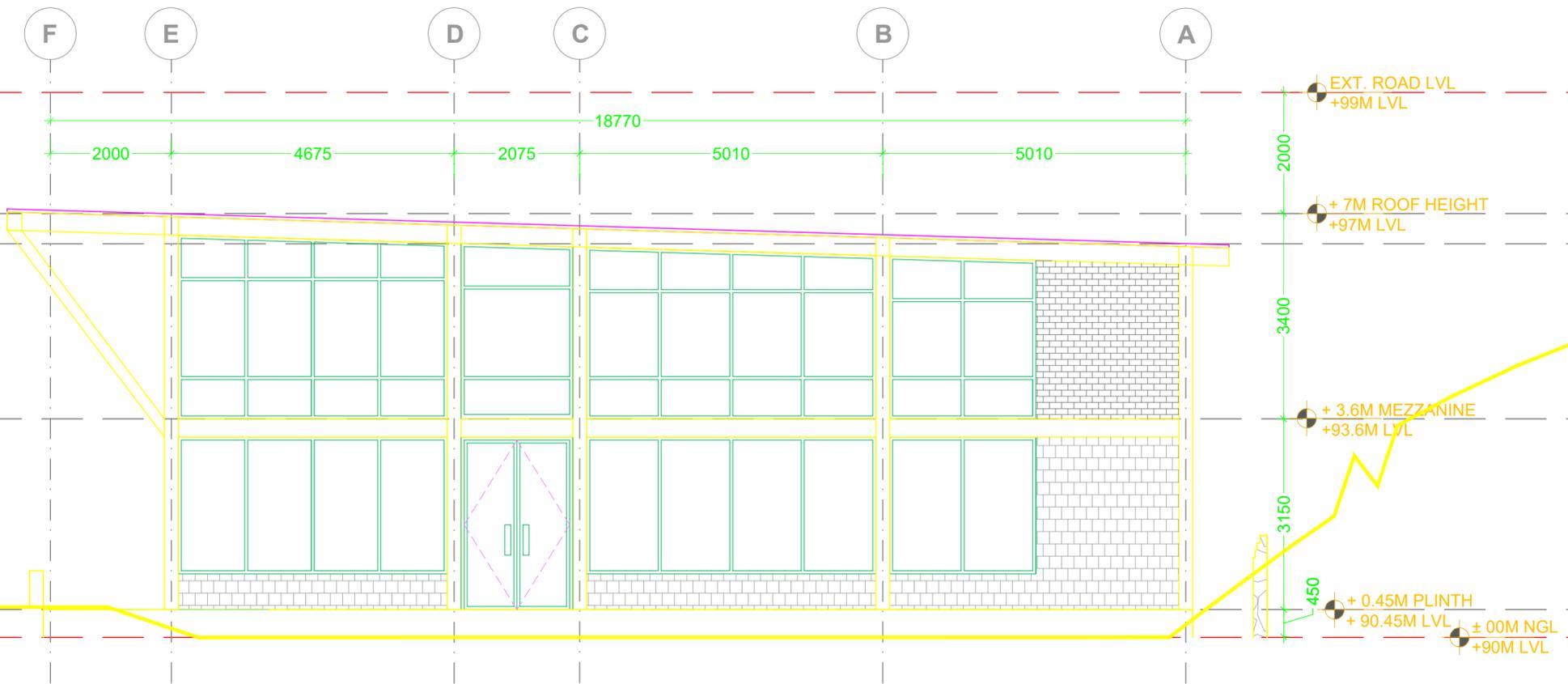
ARCHITECT	DWG NO.

SHEET NO.
07



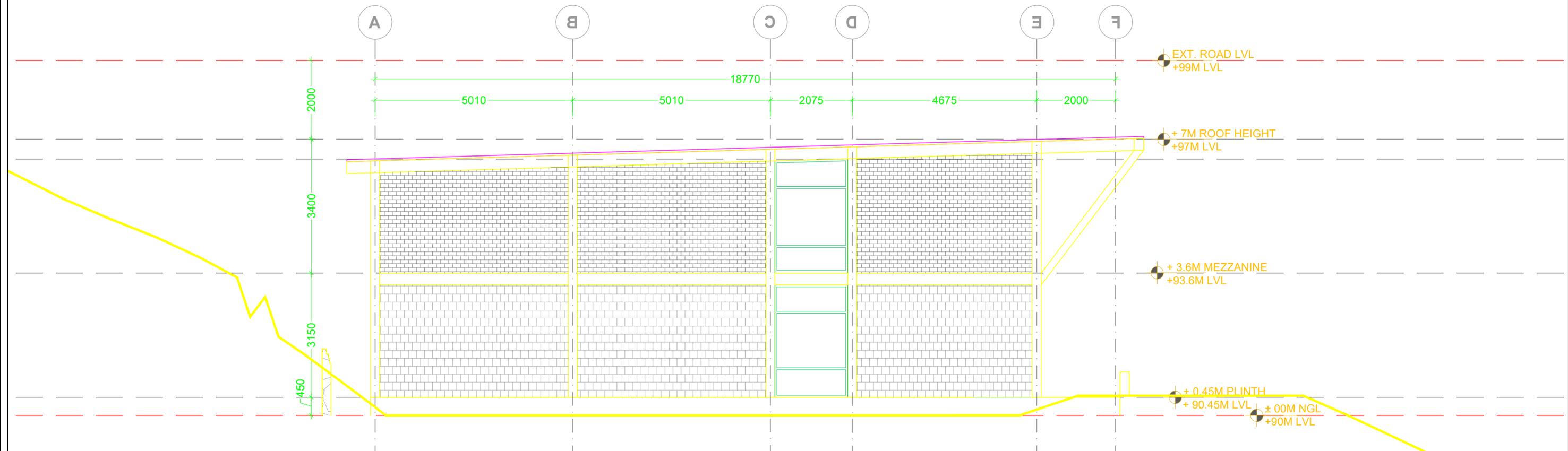
REAR ELEVATION

PROJECT	DWG NAME	REVISION				DEALT	ARCHITECT	DWG NO.	SHEET NO.	
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								16.10.2025		
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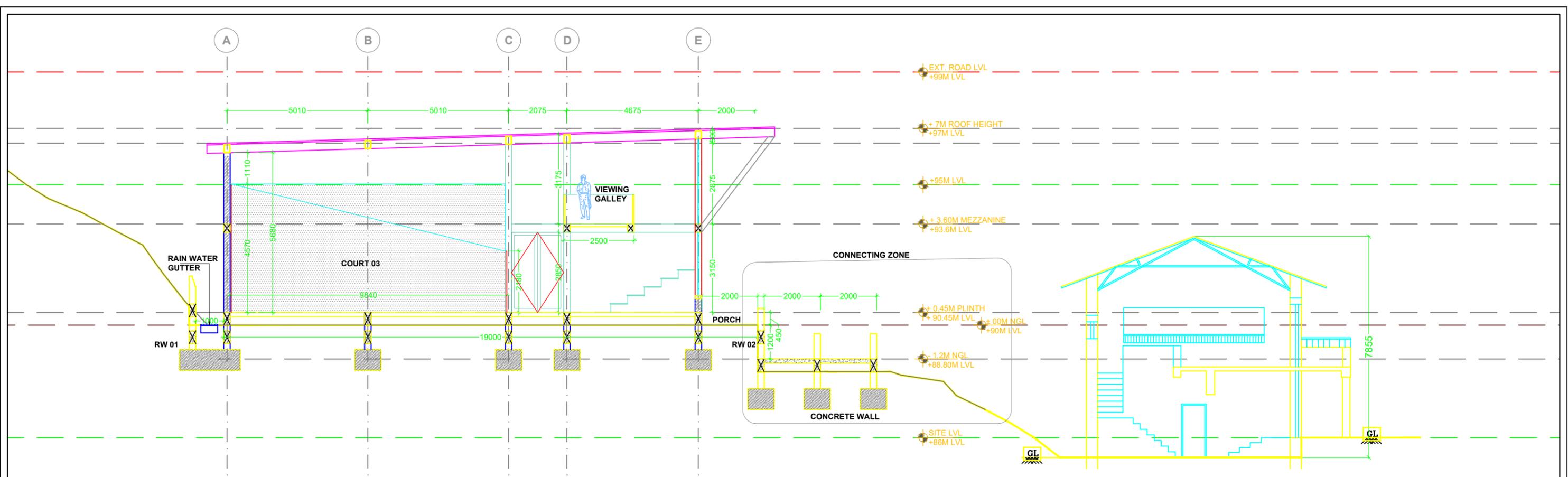
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SHEET REVISION RECORD										

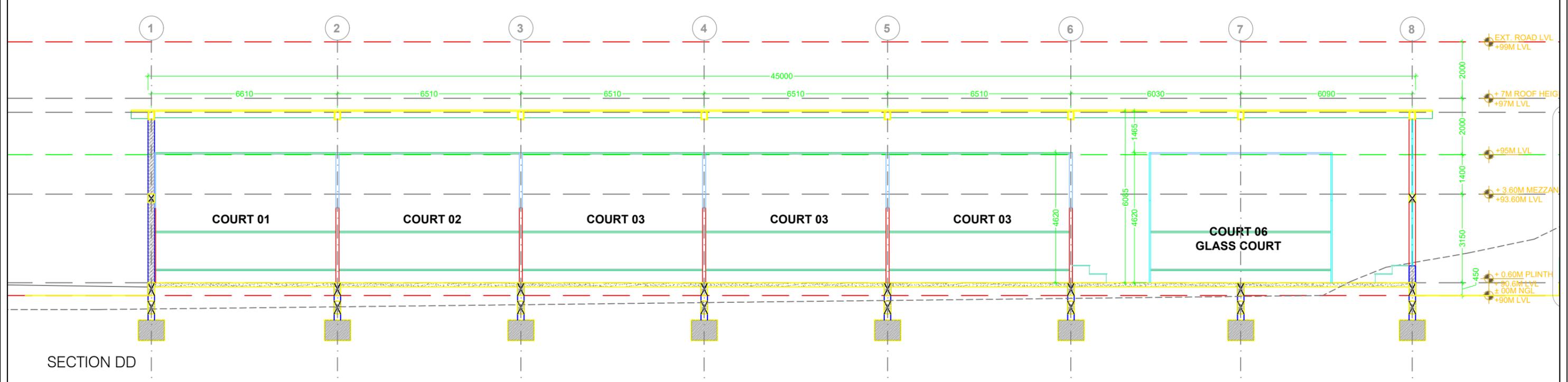


SOUTH ELEVATION

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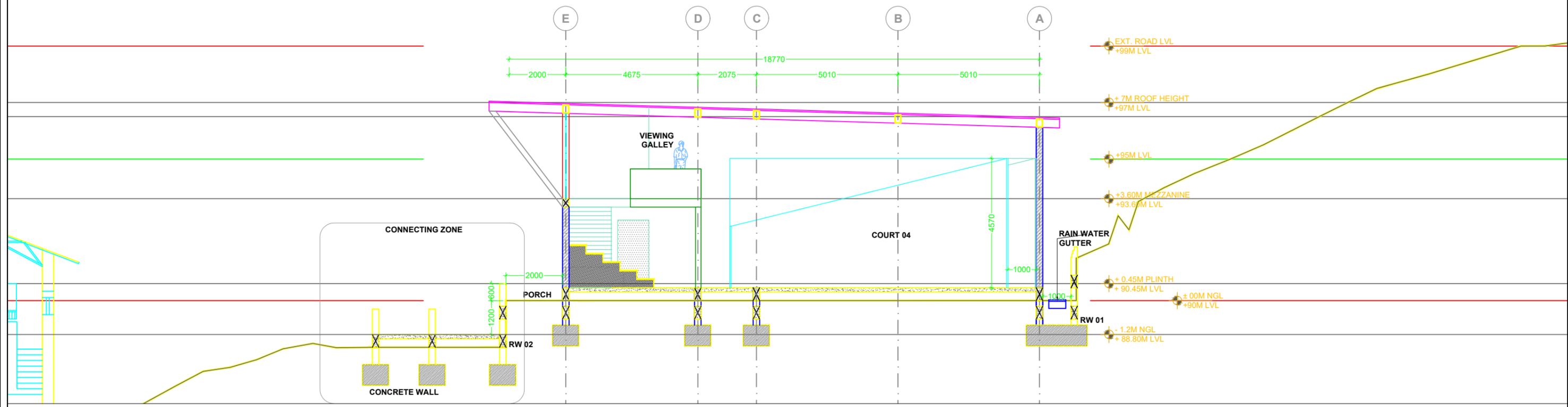


SECTION BB

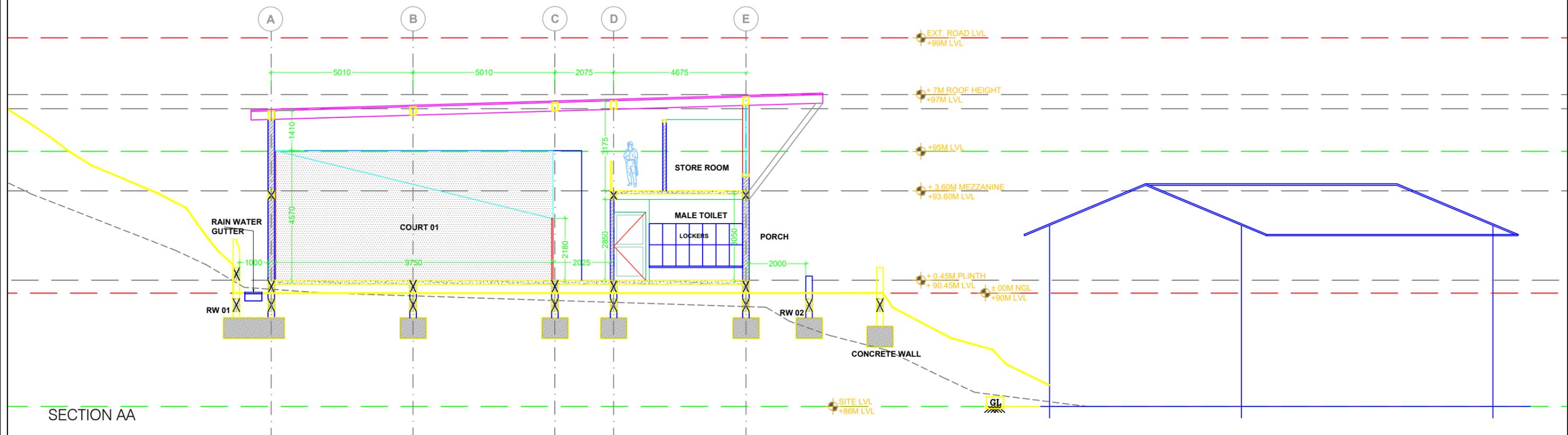


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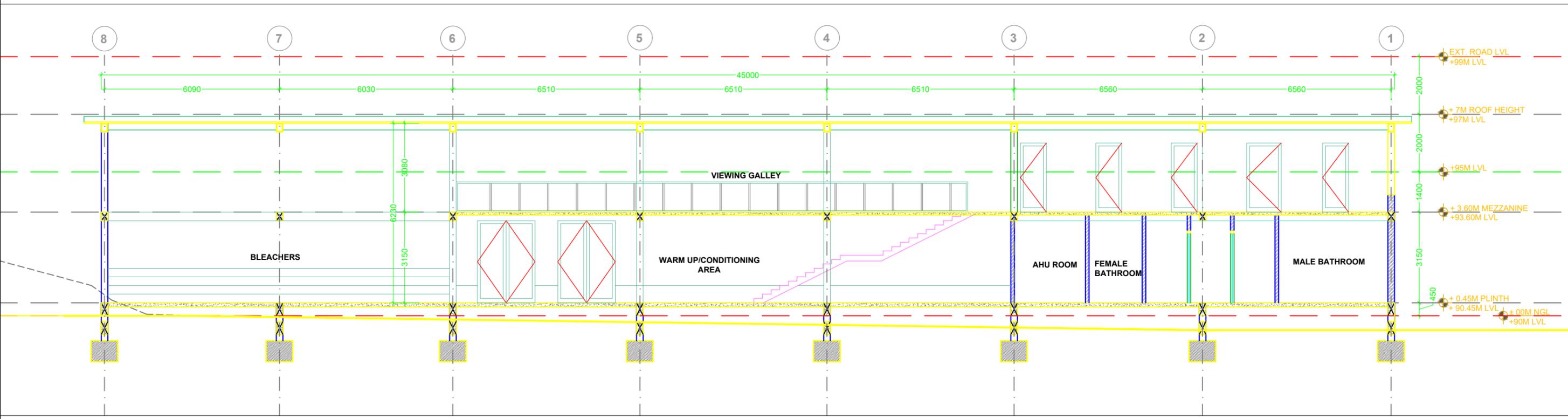


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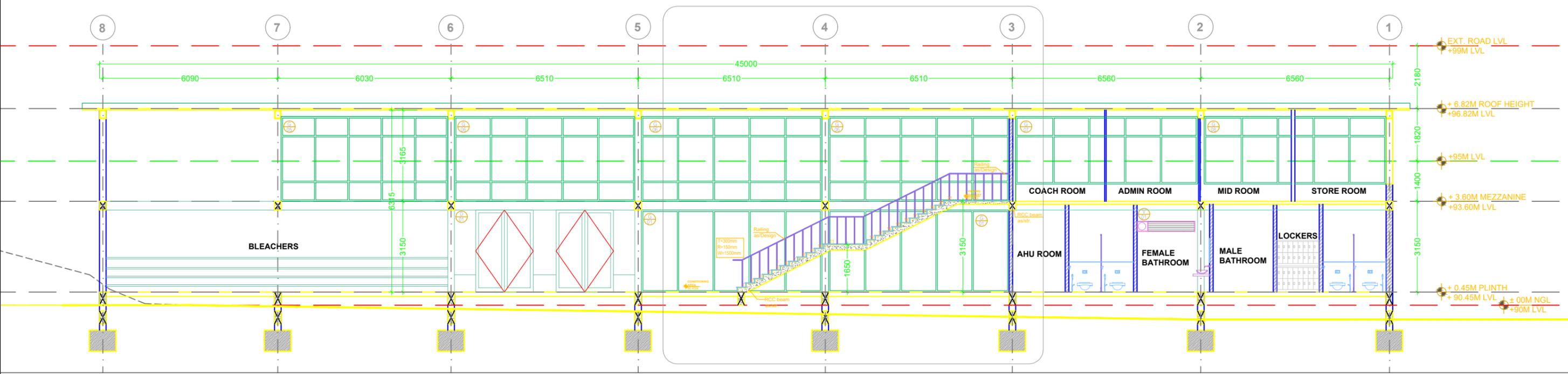


SECTION AA

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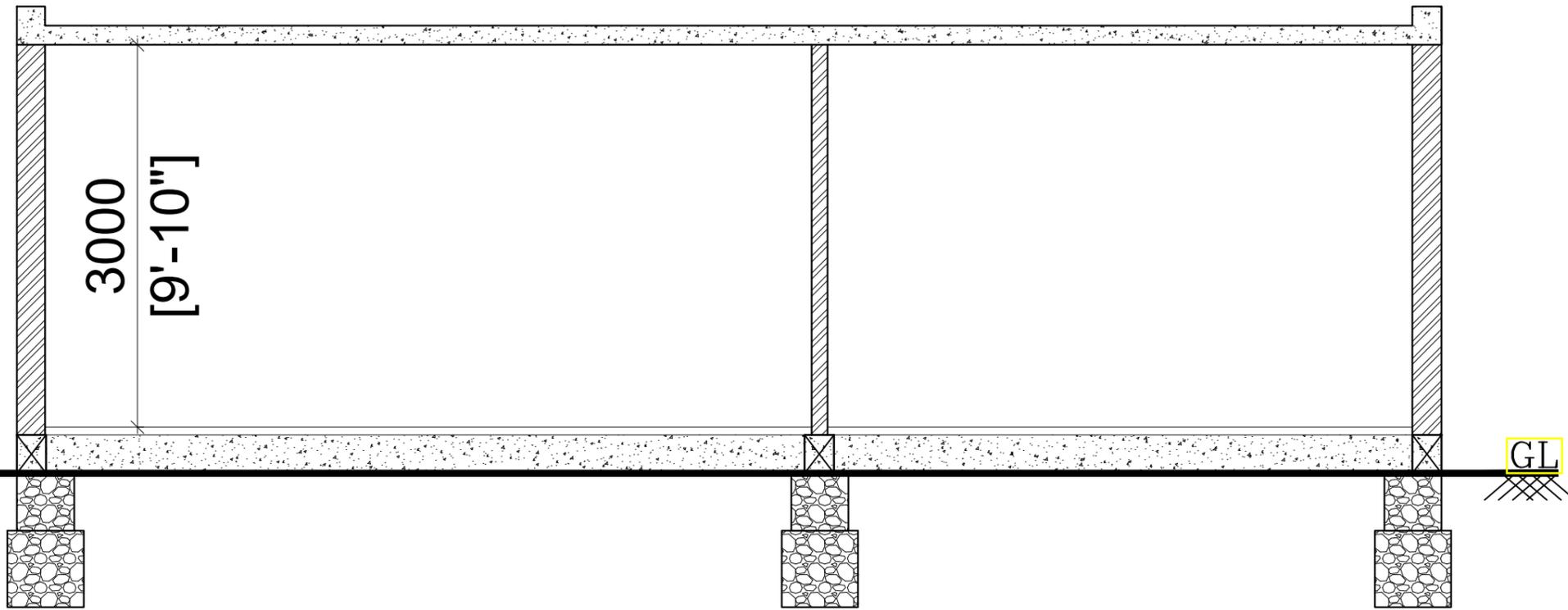


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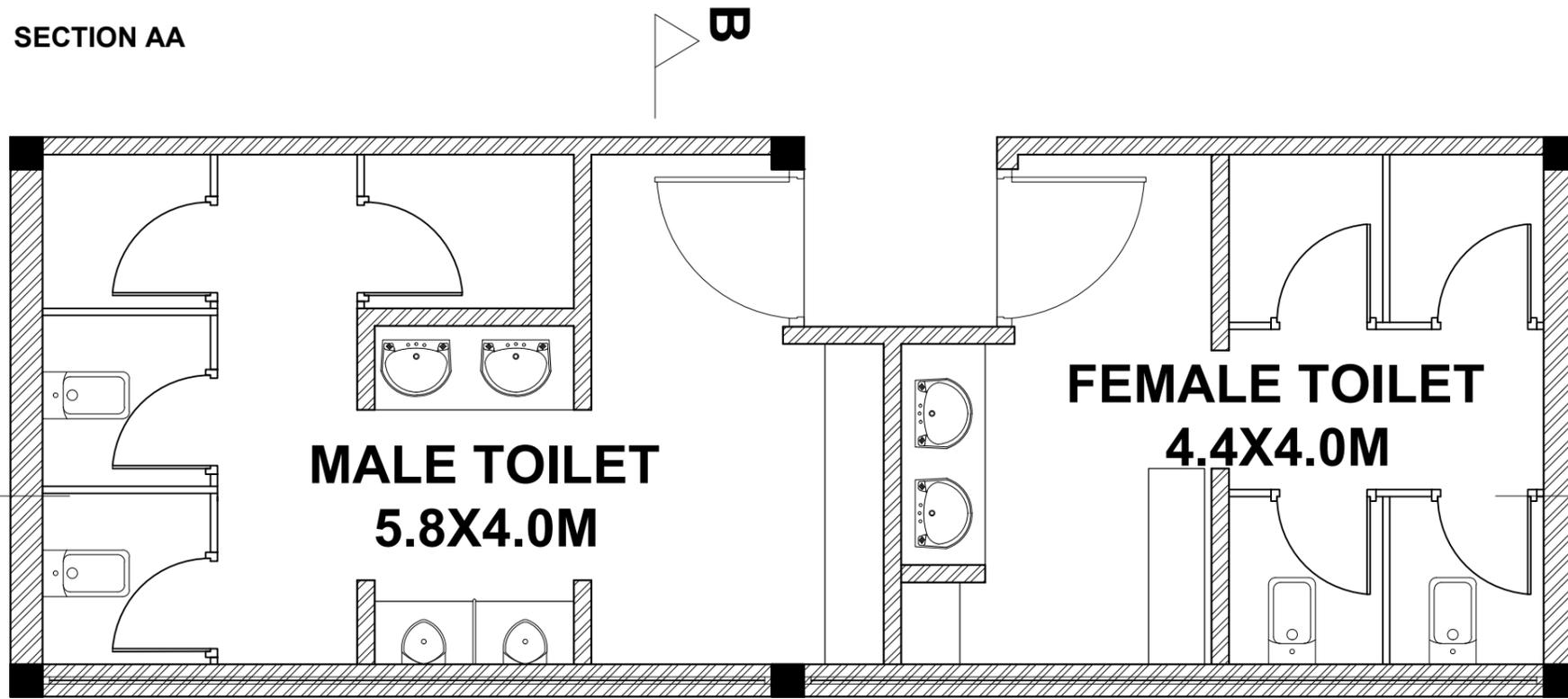


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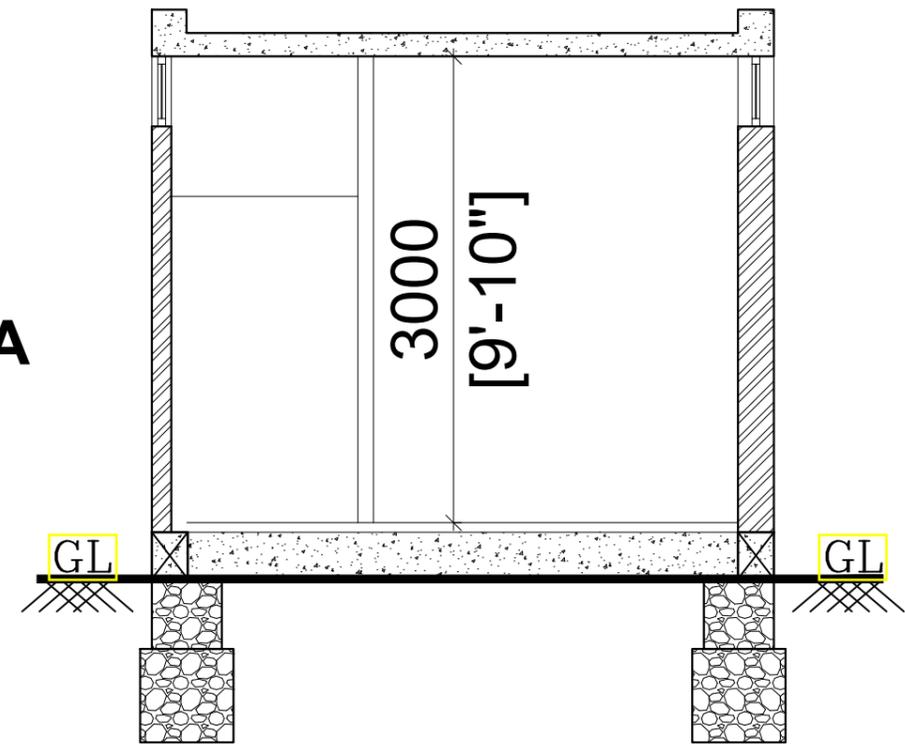
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		SHEET REVISION RECORD					DATE 03.11.2025			
							SCALE 1:100			



SECTION AA

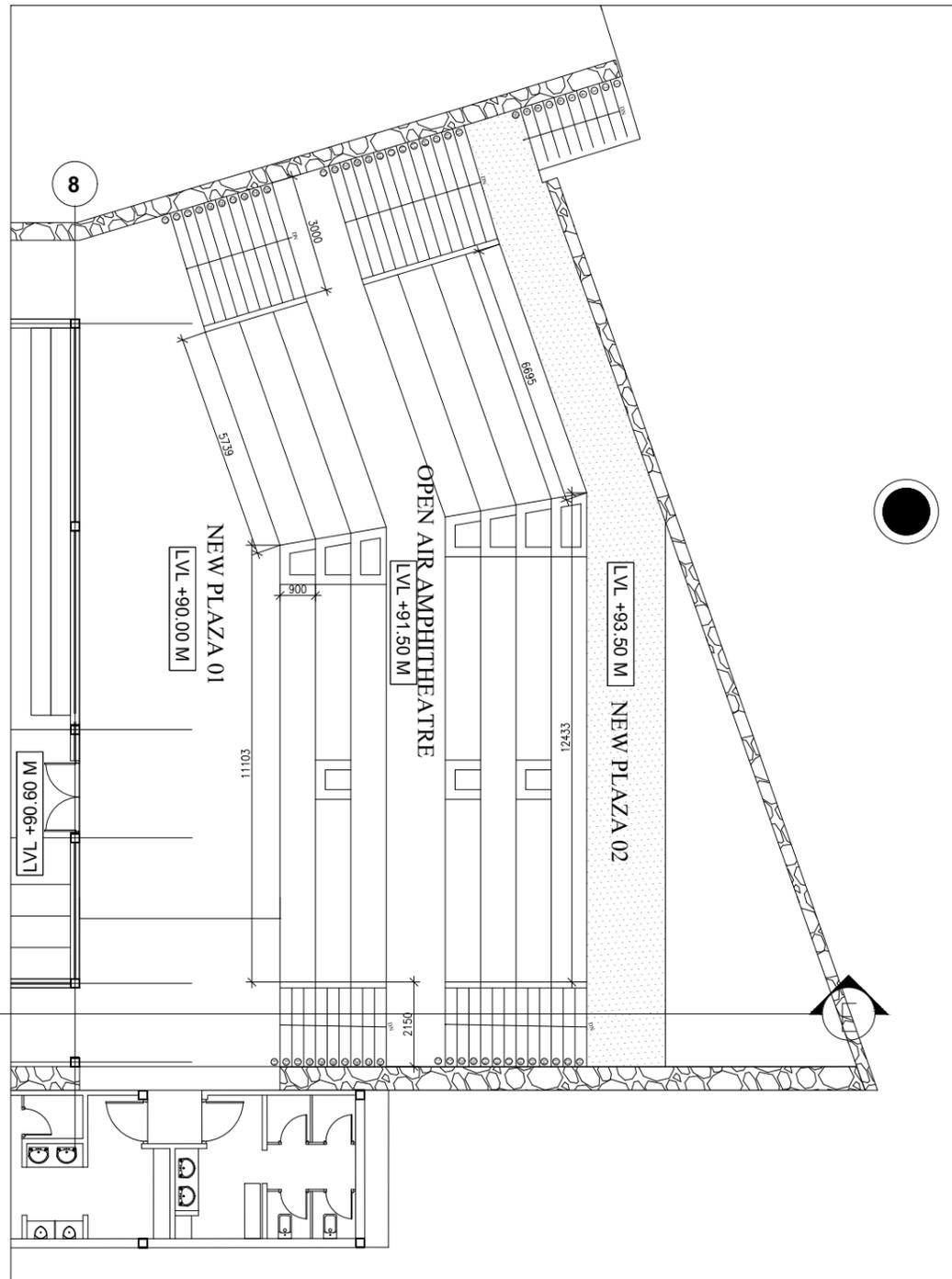


TOILET BLOCK - PLAN

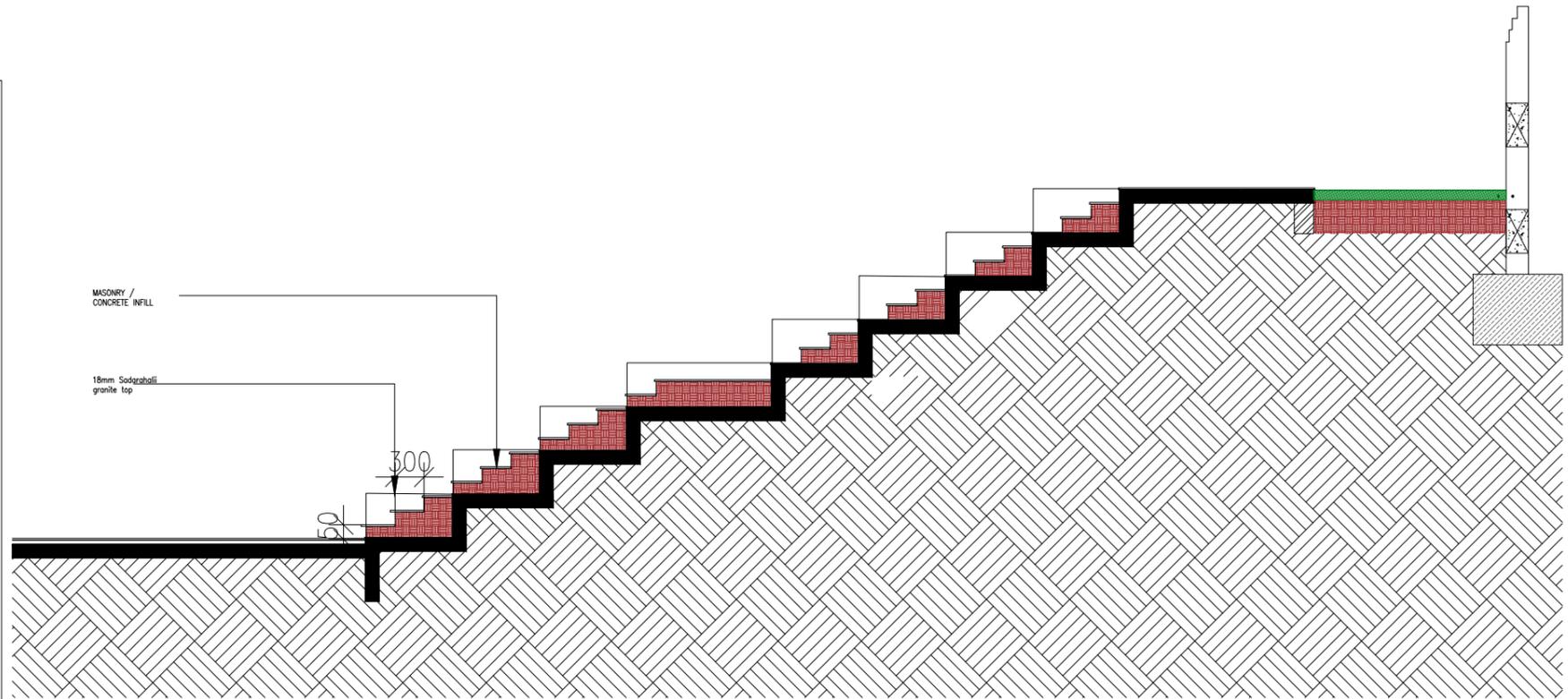


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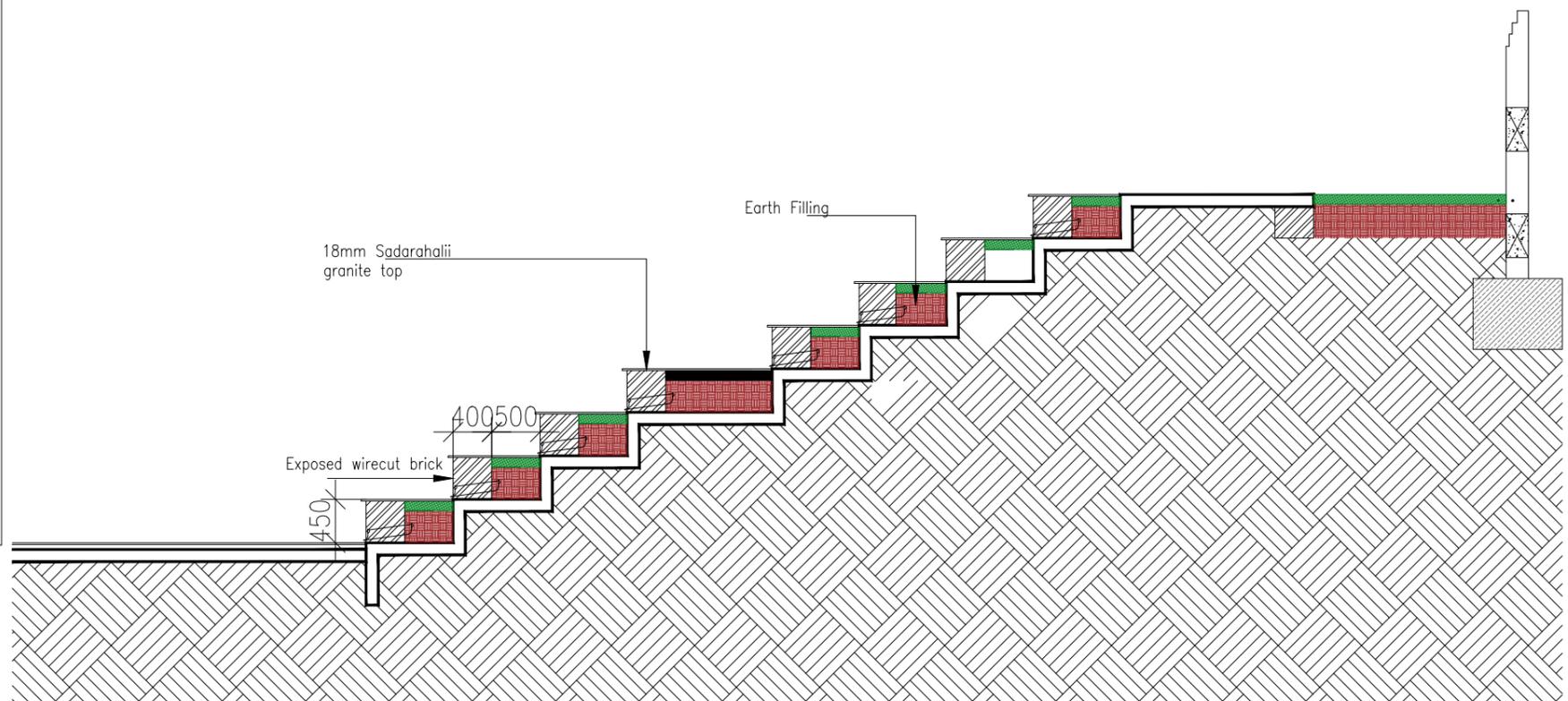
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**A PLAN**  
02A SCALE 1:100

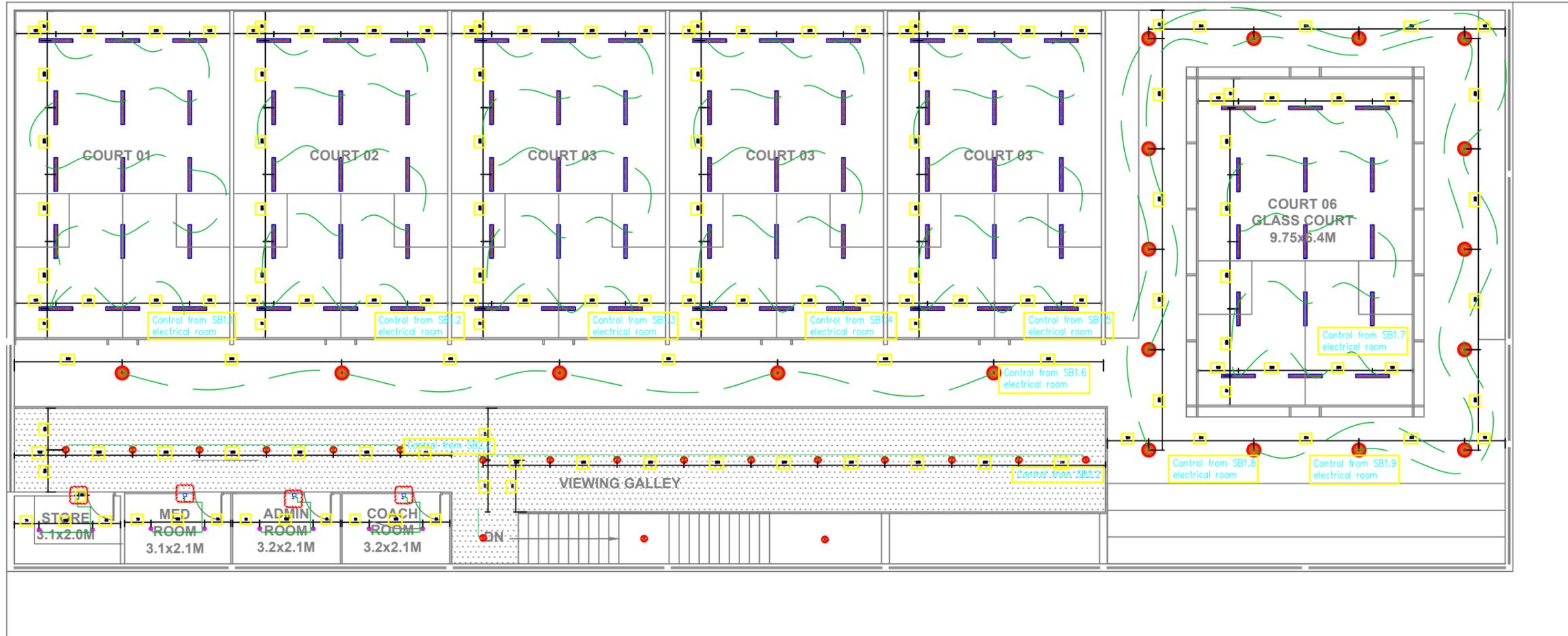


**SECTION E-E**  
SCALE 1:25



**SECTION D-D**  
SCALE 1:25

PROJECT	DWG NAME	REVISION	DEALT	ARCHITECT	DWG NO.	SHEET NO.
LAWRENCE SCHOOL, SQUASH COURTS	AMPHITHEATRE SECTIONS	NO. DATE REVISION CHKD. REVISION NORTH	DRAWN PAUL	Contour <b>DAKSHIN</b> Architects SARADA HOSPITAL COMPOUND Kannur Road, CALICUT	LSL/SC-A-302	
		01	DATE 03.11.2025			
			SCALE 1:100			
		SHEET REVISION RECORD				



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RO	ISSUED FOR APPROVAL	01/11/2025
REV.	DESCRIPTION	DATE

PURPOSE OF ISSUING:  
ISSUED FOR APPROVAL

PROJECT:  
SQUASH COURT

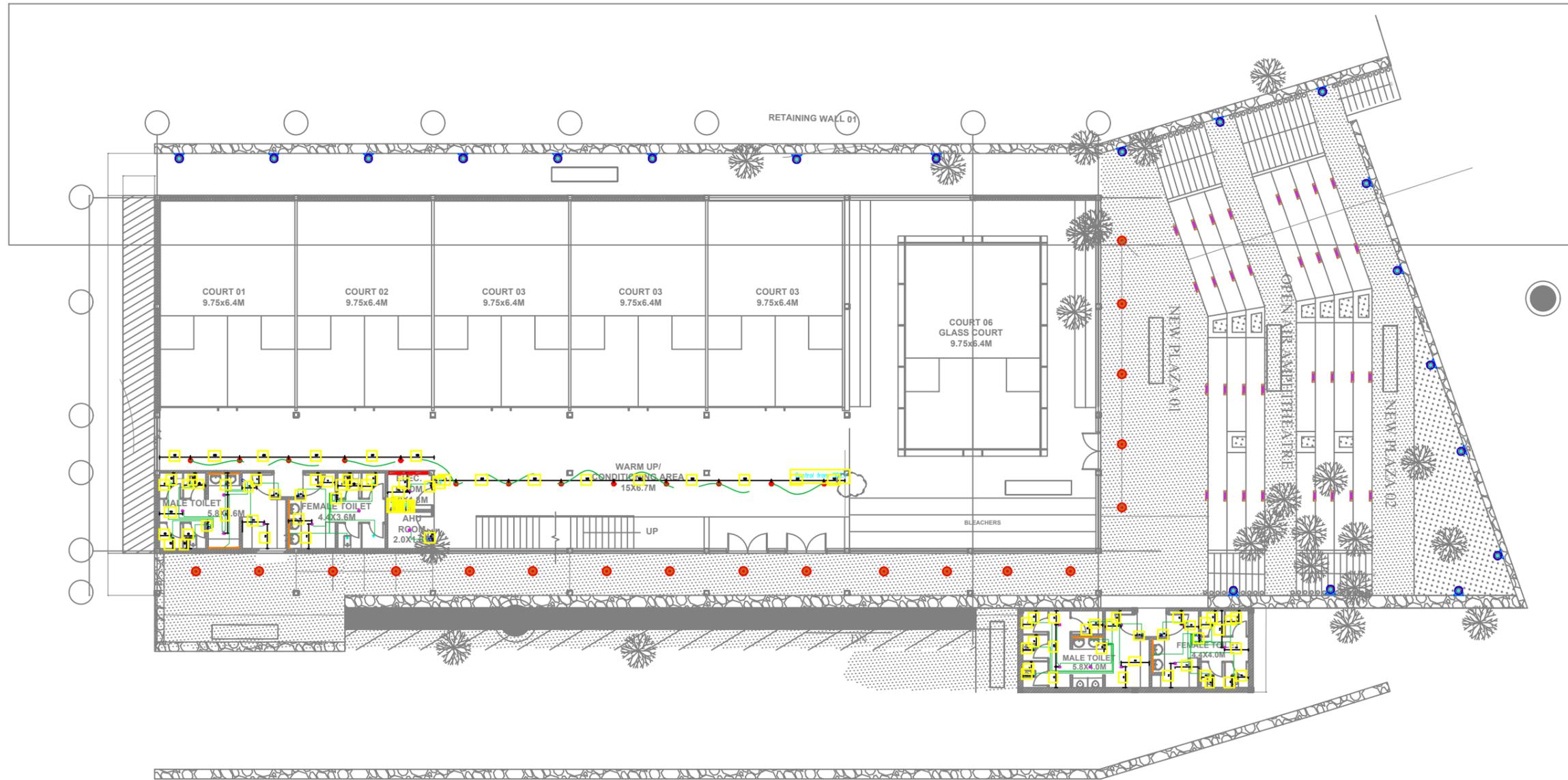
CLIENT:  
ST LAWRENCE SCHOOL LOVEDALE

ARCHITECT:

TITLE:  
ELECTRICAL LAYOUT-COURT & BALCONY

DRAWN BY: SREEBHA	CHECKED BY: BIJU	APPROVED BY: SABU
JOB No.: ECC-606	DWG No:	DATE: 01-11-2025
SCALE: NTS	ECC606/EL/SQ-LS-MF	REV. No.: R0
		SIZE: A2

MEP CONSULTANT:



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REV.	ISSUED FOR APPROVAL	01/11/2025
REV.	DESCRIPTION	DATE

PURPOSE OF ISSUING:  
**ISSUED FOR APPROVAL**

PROJECT:  
 SQUASH COURT

CLIENT:  
 ST LAWRENCE SCHOOL LOVEDALE

ARCHITECT:

TITLE:  
**ELECTRICAL LAYOUT-GF**

DRAWN BY:	CHECKED BY:	APPROVED BY:
SREEBHA	BIJU	SABU
JOB No.:	DWG No.:	DATE
ECC-606	ECC606/EL/SQ-LS-GF	01-11-2025
SCALE:	REV. No.:	SIZE
NTS	R0	A2

MEP CONSULTANT:

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OPTIONAL WALKWAY TO SQUASH COURTS

RW1  
RETAINING WALL 01

LVL +95.00 M

95.5  
RN3  
RETAINING WALL 03

LVL +90.00 M  
NEW PLAZA 01

LVL +91.50 M  
OPEN AIR AMPHITHEATRE

LVL +93.50 M  
NEW PLAZA 02

LVL +90.60 M

LVL +90.00 M

RW2  
RETAINING WALL 02

2M WIDE RAMP  
DN

2M WIDE CONCRETE BRIDGE

LVL +88.50 M

LVL +89.80 M

88.0  
87.0  
86.0

87.0  
86.0

92.0  
93.0  
94.0  
95.0

89.0  
88.0

85.0

COURT 01  
9.75x6.4M

COURT 02  
9.75x6.4M

COURT 03  
9.75x6.4M

COURT 03  
9.75x6.4M

COURT 03  
9.75x6.4M

COURT 06  
GLASS COURT  
9.75x6.4M

WARM UP/  
CONDITIONING AREA  
15X6.7M

UP

BLEACHERS

MALE TOILET  
4.8X3.6M

FEMALE TOILET  
4.4X3.6M

ELEC. ROOM  
2.0X1.8M

AHU ROOM  
2.0X1.8M

MALE TOILET  
5.8X4.0M

FEMALE TOILET  
4.4X4.0M

HIGH CEILING ROOF

HIGH CEILING ROOF

BALCONY

R2	ISSUED FOR APPROVAL	25/11/2025
R1	ISSUED FOR APPROVAL	19/11/2025
R0	ISSUED FOR APPROVAL	10/11/2025

REV.	DESCRIPTION	DATE
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PURPOSE OF ISSUING:

ISSUED FOR APPROVAL

PROJECT:  
SQUASH COURT

CLIENT:  
ST LAWRENCE SCHOOL LOVEDALE

ARCHITECT:

TITLE:  
PHE LAYOUT

DRAWN BY:  
FAHAD

CHECKED BY:  
BIJU

APPROVED BY:  
SABU

JOB No.:  
ECC-606

DATE:  
25-11-2025

SCALE:  
NTS

REV. No.:  
R2

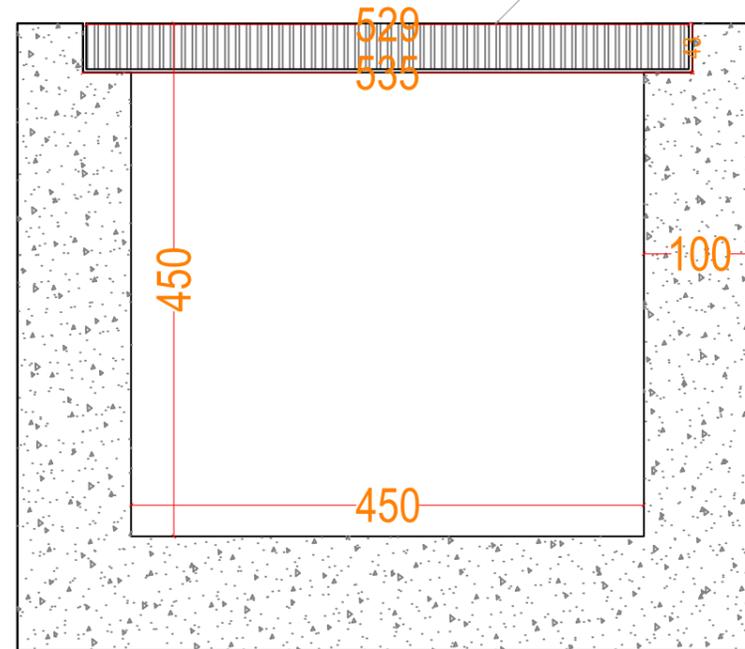
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IT'S USE FOR ANY PURPOSE OTHER THAN THAT MENTIONED  
IS TO BE DONE ONLY AFTER PRIOR APPROVAL

## TRENCH SECTION DETAILS

FRP GRATINGS

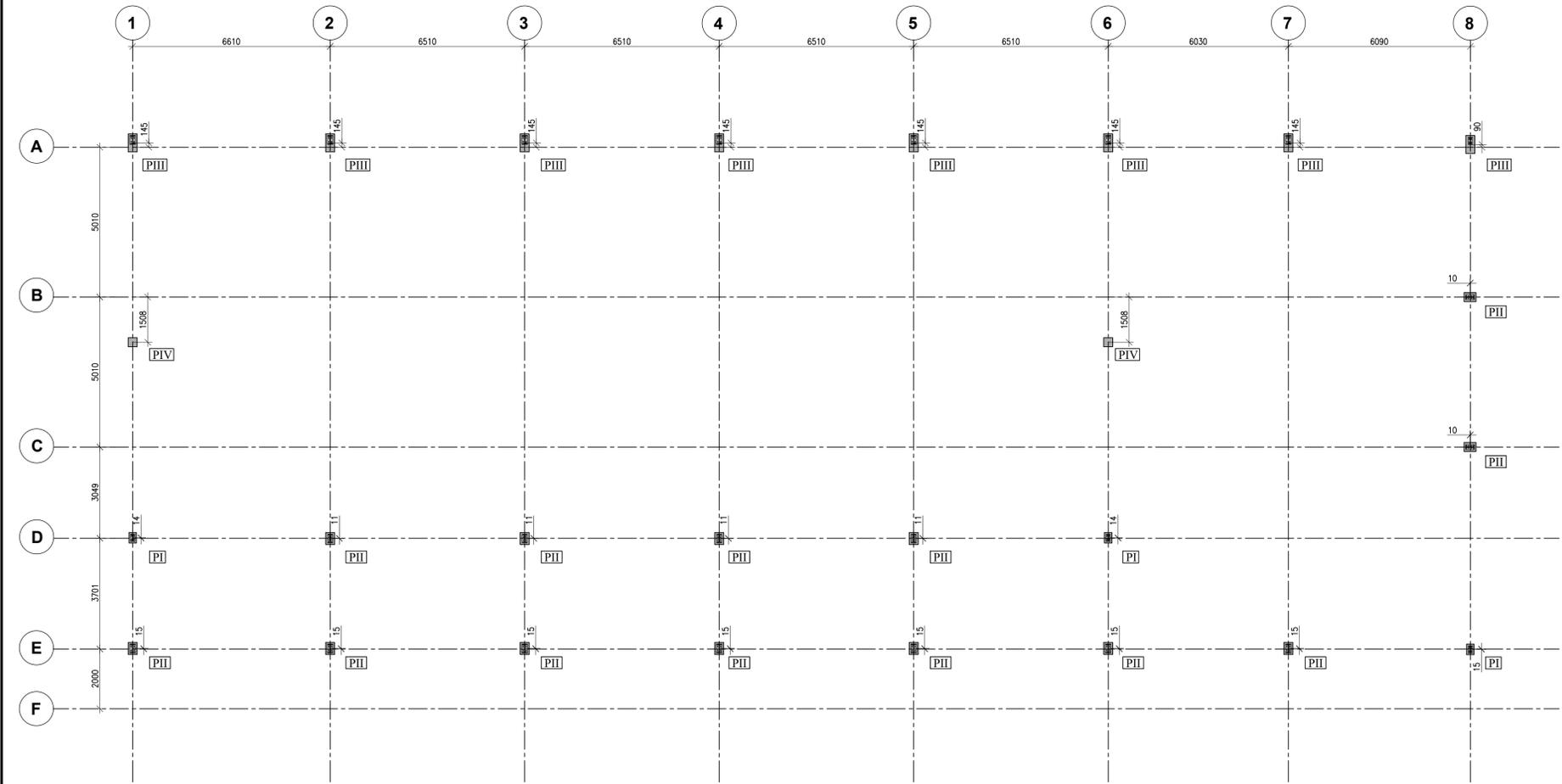


SECTION A-A

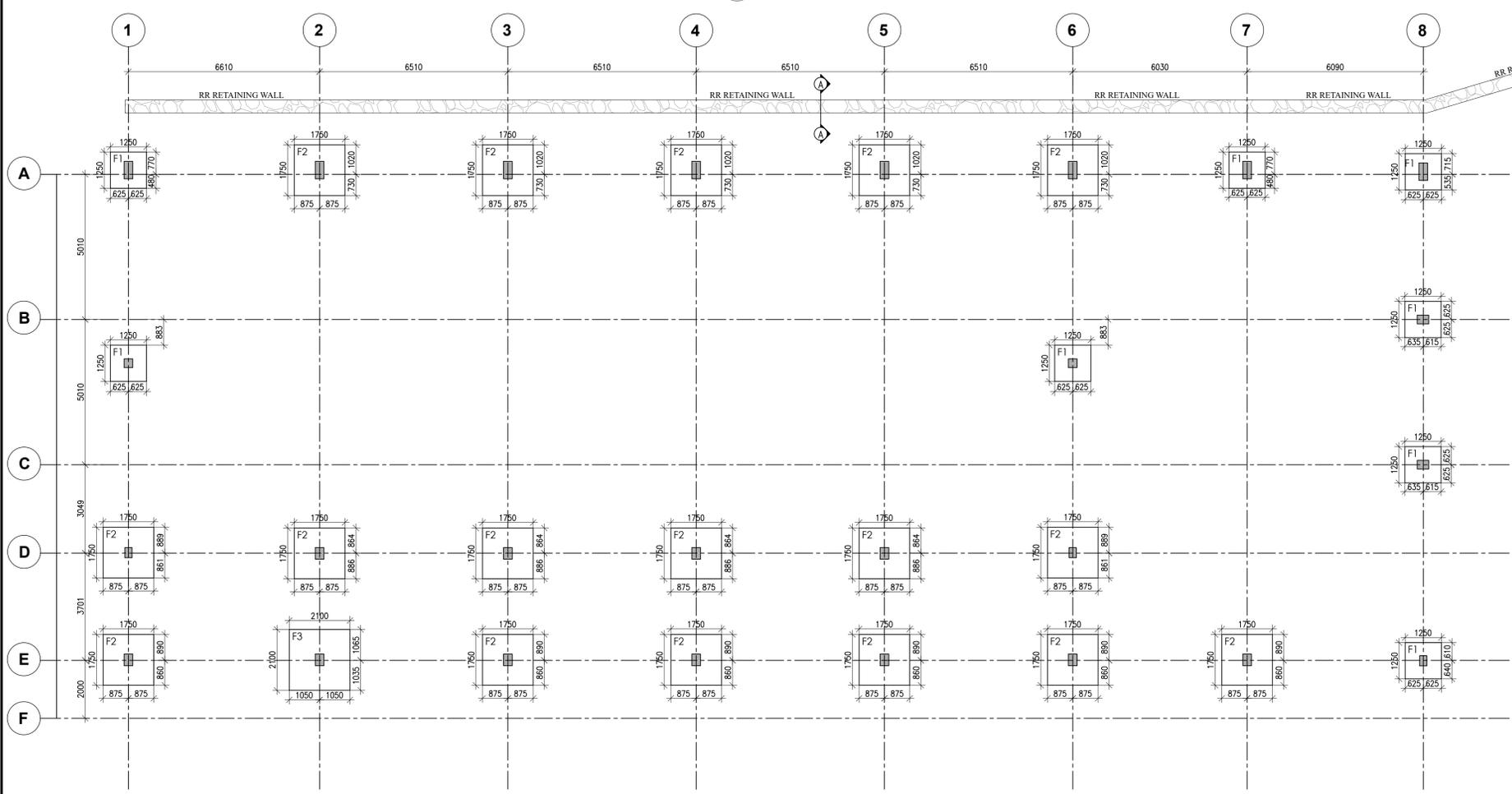
NOTE:  
 1. STARTING DEPTH-30 CM  
 AND VARIES AS PER SLOPE  
 2. ALL DIMENSIONS ARE IN MM

REV.	ISSUED FOR APPROVAL	DATE
		25/11/2025
PURPOSE OF ISSUING:		
<b>ISSUED FOR APPROVAL</b>		
PROJECT:		
SQUASH COURT		
CLIENT:		
ST LAWRENCE SCHOOL LOVEDALE		
ARCHITECT:		
TITLE:		
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DRAWN BY:	CHECKED BY:	APPROVED BY:
FAHAD	BIJU	SABU
JOB No.:	DWG No:	DATE
ECC-606	ECC606/PHE/SQ-LS-01	25-11-2025
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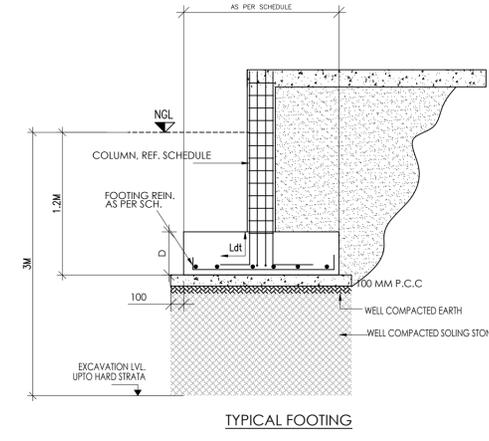
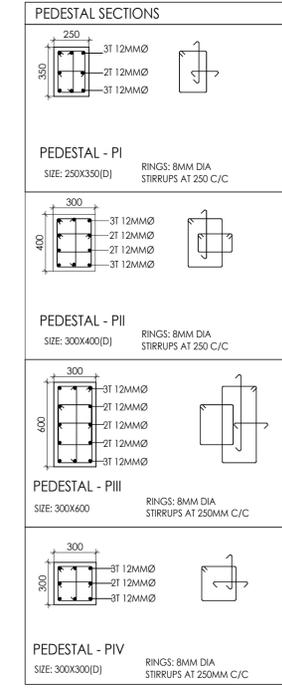
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**A PEDESTAL LAYOUT**  
SCALE 1:100

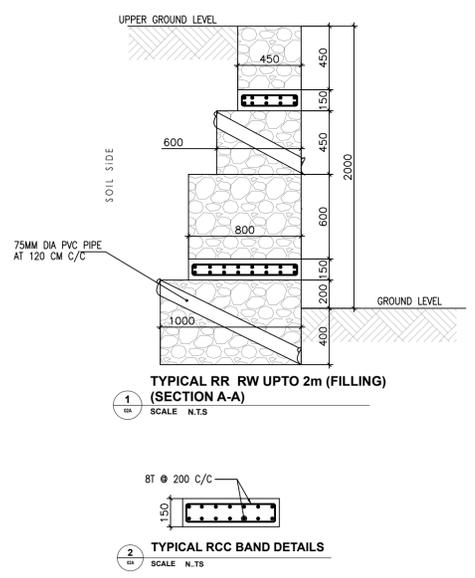


**B FOOTING LAYOUT**  
SCALE 1:100



FOOTING TYPE	FOOTING SIZE (B X L)	PII SIZE	DEPTH (D)	REINFORCEMENT (T MM DIA BARS AT XX C/C BOTH WAYS)
F1	1250 X 1250	1450 X 1450	300	10 MM DIA BARS AT 200 C/C BOTH WAYS
F2	1750 X 1750	1950 X 1950	350	10 MM DIA BARS AT 200 C/C BOTH WAYS
F3	2100 X 2100	2300 X 2300	400	10 MM DIA BARS AT 180 C/C BOTH WAYS

FOOTING CONCRETE: M25 GRADE  
S.B.C. OF SOIL TAKEN = 80 KN/50MM  
CLEAR COVER FOR REINFORCEMENT = 50mm  
SIDE COVER FOR REINFORCEMENT = 75mm  
MIN DEPTH OF EXCAVATION = 3.0m ( FROM EXISTING GROUND LEVEL)



**NOTES**

- \* CONCRETE GRADE : M25
- \* STEEL GRADE : Fe 500
- \* ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- \* WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- \* ANY DISCREPANCY SHOULD BE BROUGHT TO THE ATTENTION OF THE CONSULTANT PRIOR TO THE COMMENCEMENT OF WORK
- \* REFER ARCH. DRAWINGS FOR LEVELS
- \* CLEAR COVER TO COLUMN: 40mm
- \* ALL LAPPING LENGTH SHALL BE 50Ø FOR M25 CONCRETE & LAP SHOULD STAGGERED AS PER SP-34

Rev	Revision	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

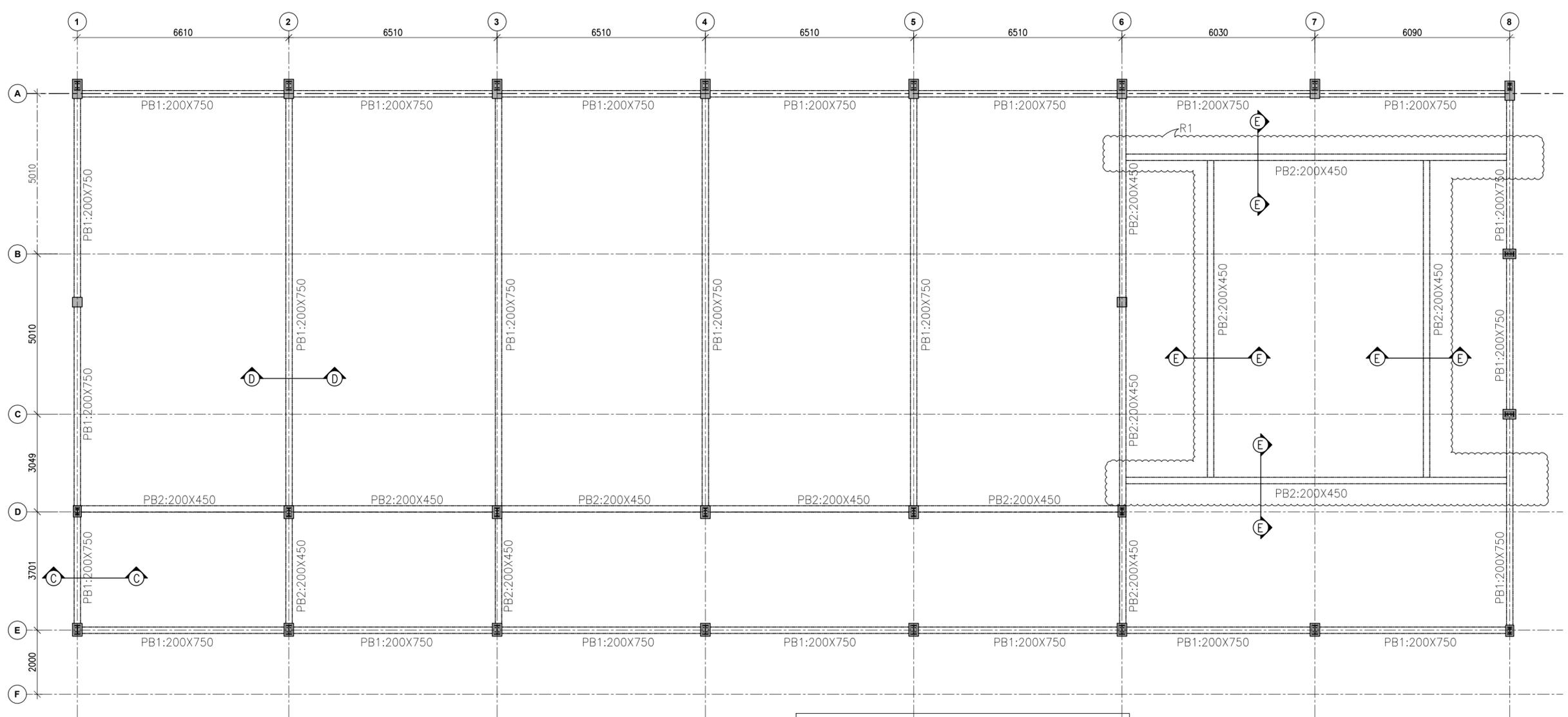
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Issued For CONSTRUCTION

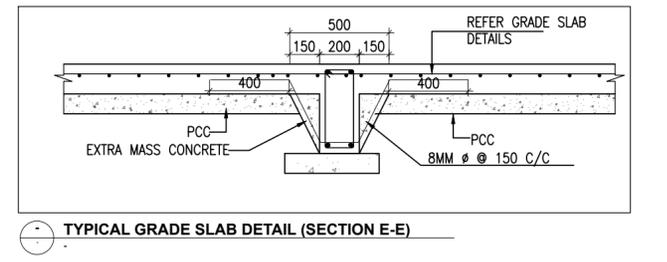
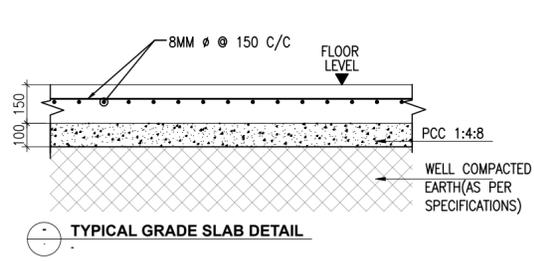
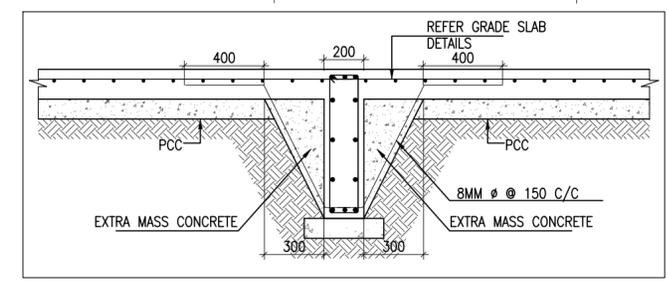
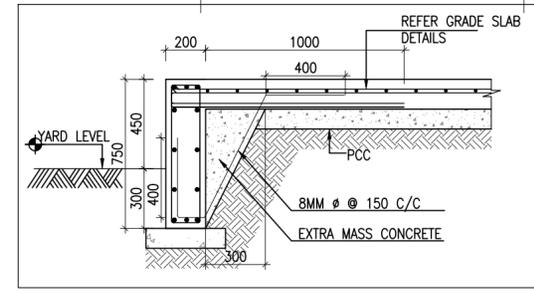
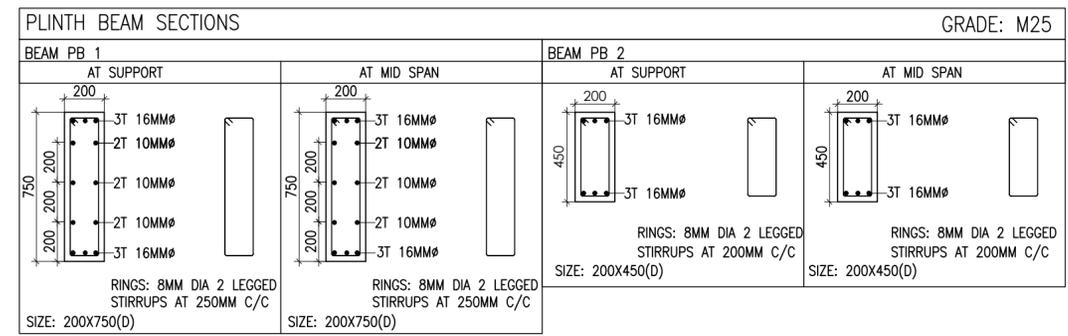
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Project Number	Drawing Number	Rev	
<b>AN-C/01/2025/1498</b>	<b>02A</b>	<b>R0</b>	

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**A PLINTH BEAM LAYOUT**  
SCALE 1:100



NOTE:  
SOIL COMPACTION SPECIFICATION:-  
THE EARTH, SOFT MURRUM ETC. SO BROUGHT SHALL BE FILLED IN LAYERS NOT EXCEEDING 200MM IN THICKNESS, WATERED AND WELL CONSOLIDATED BY MEANS OF VIBRATING RAMMERS OR OTHER EQUIVALENT SYSTEM TO ATLEAST 90% OF THE CONSOLIDATION OBTAINABLE AT OPTIMUM MOISTURE CONTENT (PROCTOR DENSITY)

- SLABS ON GRADE SHALL BE PLACED ON WELL COMPACTED SOIL (95% MDD) AS PER THE PROJECT SPECIFICATIONS. (AS PER H8)
- CONTROL JOINTS SHOULD BE PROVIDED IN 4M SPACING IN BOTH DIRECTIONS.
- EXPANSION JOINT OF 3CM SHOULD BE PROVIDED EVERY 30M
- TOP SURFACE OF GRADE SLAB NEED TO BE HARDEN WITH FLOOR HARDENER AT 4Kg/M<sup>2</sup> USE MINIMU 25% GGBS IN THE MIX FOR GRADE SLAB

**NOTES**

- CONCRETE GRADE : M25
- STEEL GRADE : Fe 500
- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- ALL STRUCTURAL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS
- ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE THE COMMENCEMENT OF THE WORK
- ALL LAPPING LENGTH SHALL BE 49d FOR M25 GRADE & LAP SHOULD BE STAGGERED AS PER SP 34
- CLEAR COVER TO BEAM : 25MM
- CLEAR COVER TO GRADE SLAB : 50MM

01	CLOUDED PORTION DETAILS ADDED	24-10-2025
NO	REVISION	DATE

Architect

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

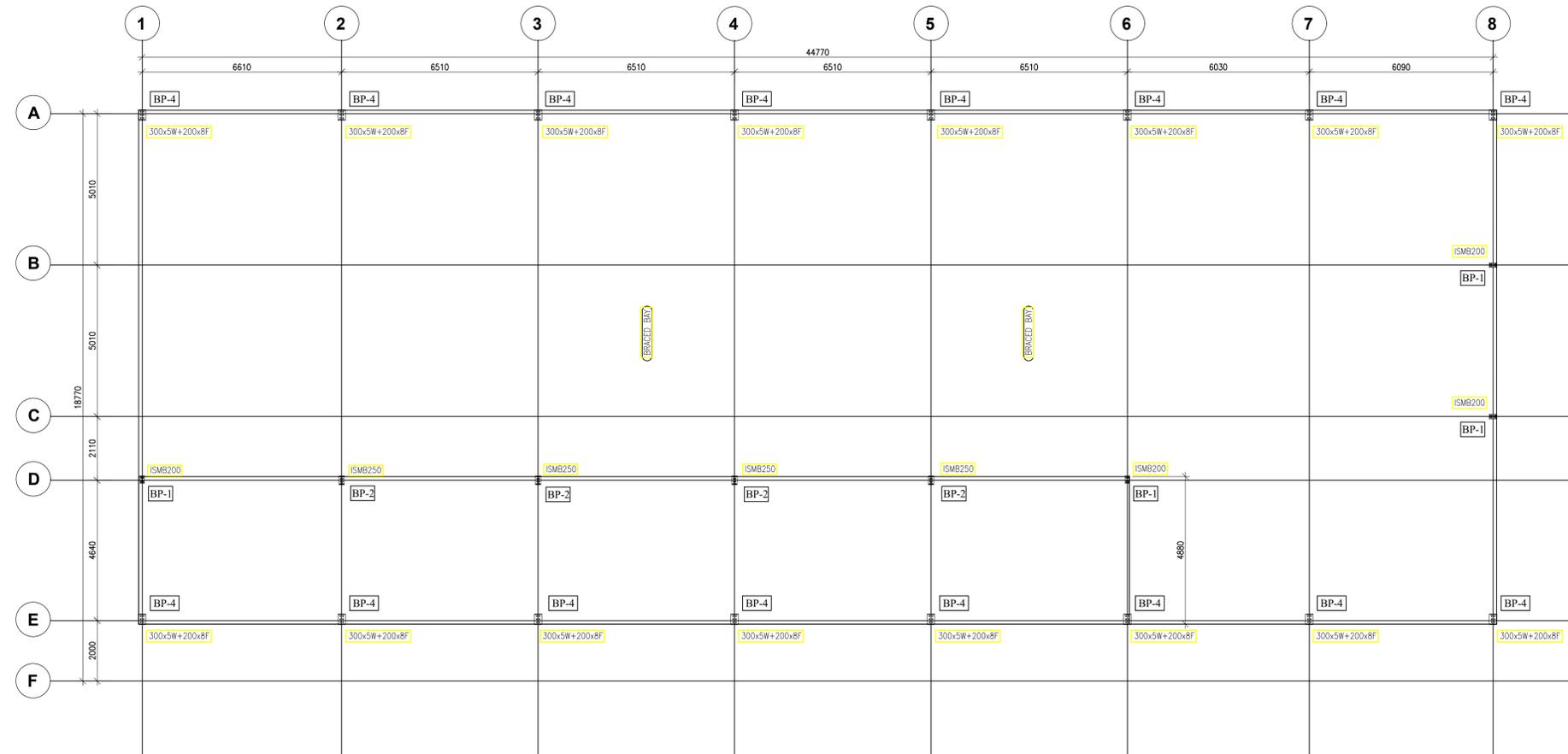
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**PLINTH BEAM LAYOUT & DETAILS**

Issued For **DISCUSSION**

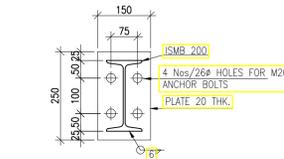
Structural Engineer.	Head of Structures
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Project Number	Drawing Number	Rev	
<b>AN-C/01/2025/1498</b>	<b>04A</b>	<b>R1</b>	

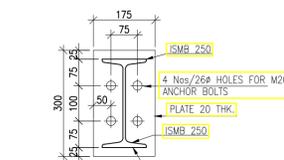
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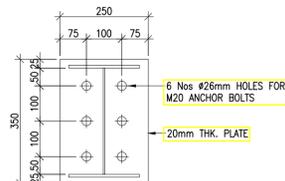
**A ANCHORBOLT LAYOUT**  
SCALE 1:100



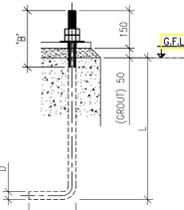
**1 BASE PLATE DETAIL BP-1**  
SCALE 1:10



**2 BASE PLATE DETAIL BP-2**  
SCALE 1:10



**4 BASE PLATE DETAIL BP-4**  
SCALE 1:10



**5 TYP. ANCHOR BOLT DETAILS**  
SCALE 1:10

DIAMETER 'D' (mm)	LENGTH 'L' (mm)	TREAD 'B' (mm)	LEG LENGTH 'A' (mm)	TOTAL LENGTH (mm)	ACCESSORIES
20	325	225	125	650	(2) NUT (1) WASHER

**NOTES**

- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- STEEL GRADE : Fe 250
- ALL BOLTS GRADE ARE 8.8 (U.N.O)
- ALL WELDS ARE CONTINUOUS WELD AND THE SIZE OF WELD SHALL BE THE LOWEST SIZE OF THE CONNECTING MEMBER
- ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

Rev	Approval	27/08/2025
	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

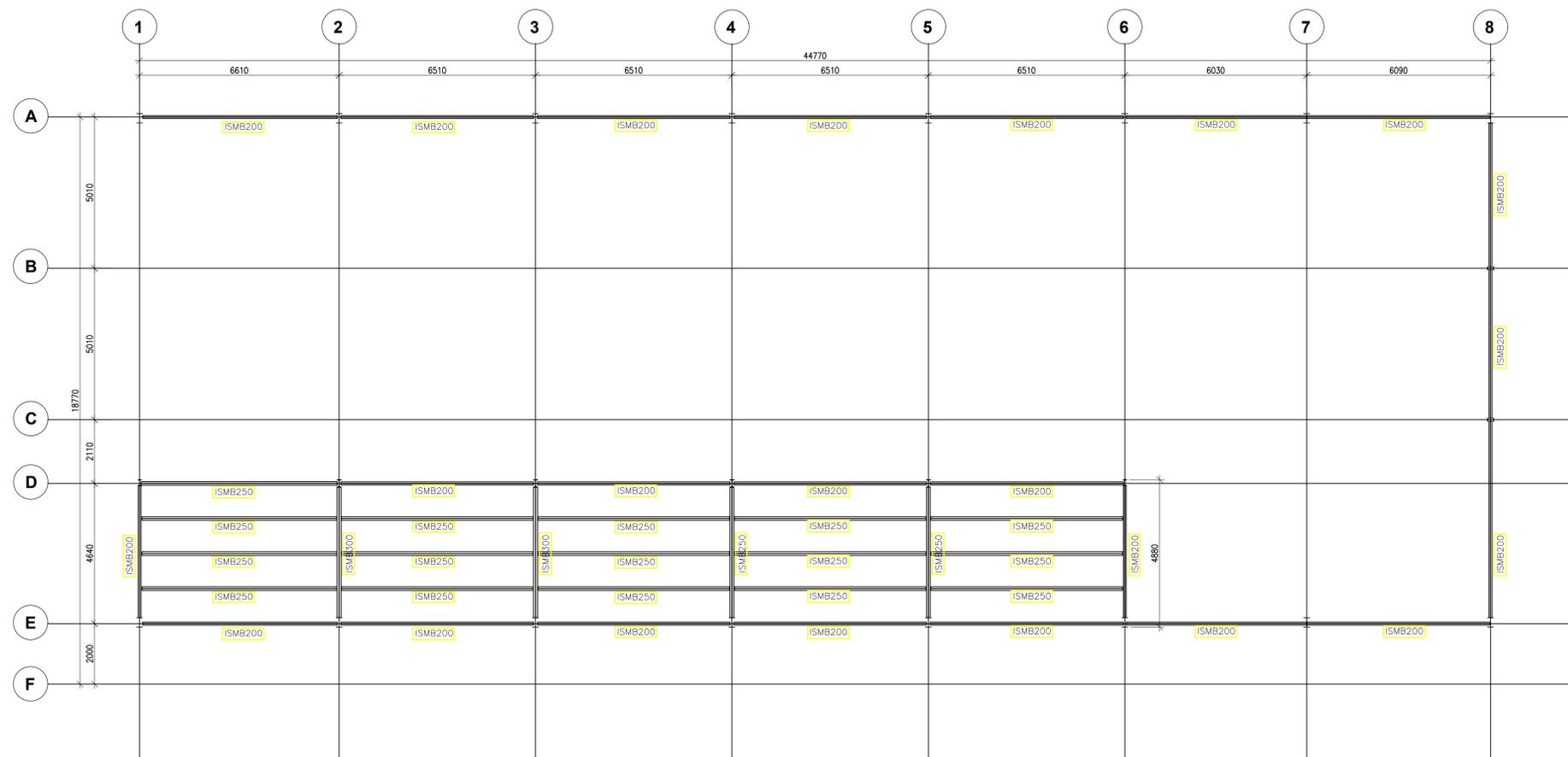
Title  
**ANCHORBOLT LAYOUT & BASE PLATE DETAILS**

Issued For  
**APPROVAL**

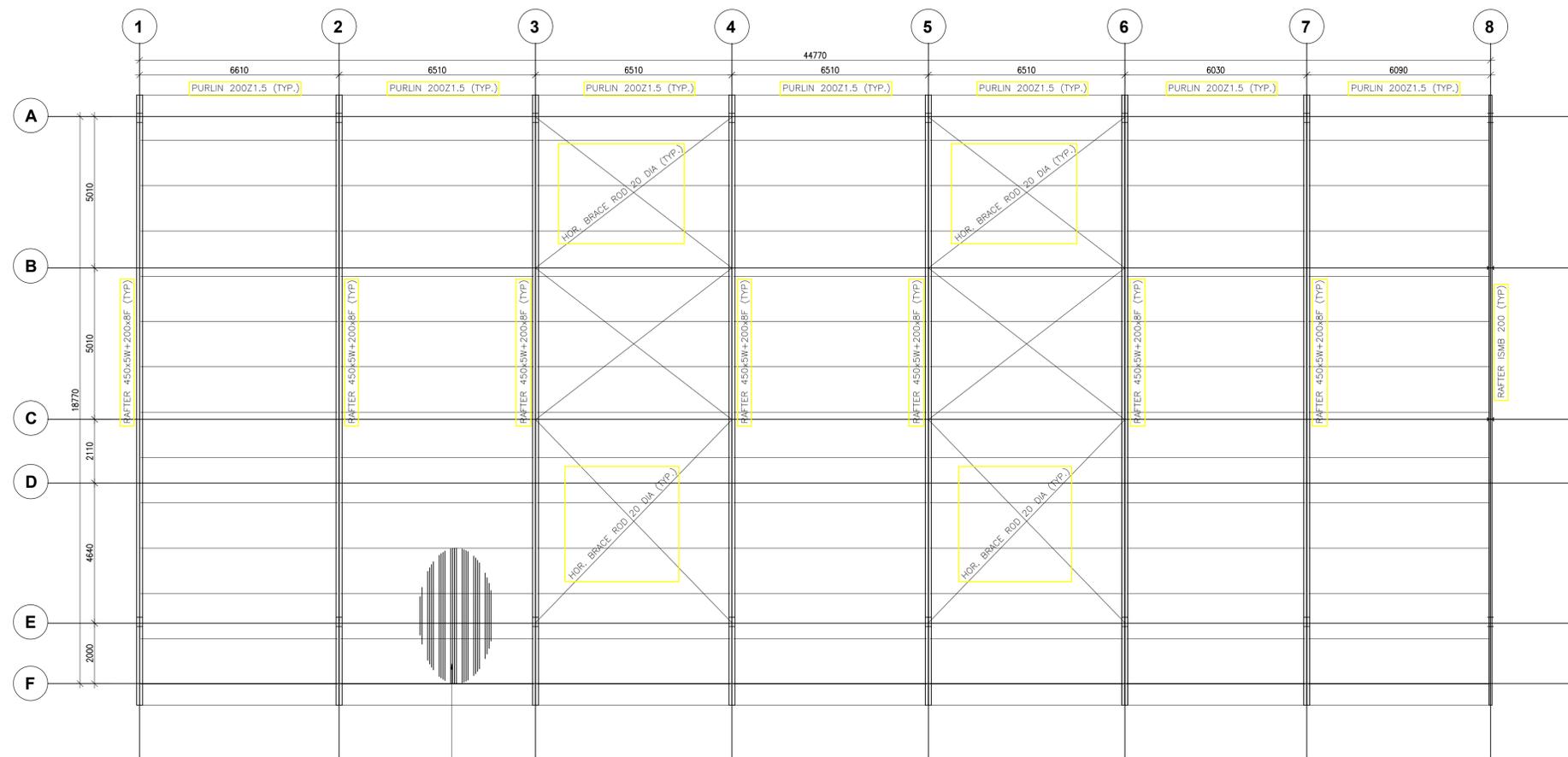
Project Engineer.	Approved By

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Project Number	Drawing Number	Rev	
<b>AN-C/01/2025/1498</b>	01A	<b>R1</b>	

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**B MEZZANINE LAYOUT**  
SCALE 1:100



**L ROOF FRAMING PLAN**  
SCALE 1:100

Standing Seam Roofing with Prepainted Galvalume Steel Purlin, Thickness 0.8mm, Top Coat PVDF(18-20microns), Back coat PU (5-7microns), Seam Crest 50mm, 410mm crest distance, ribs for stiffening, yield strength 340MPa, coating standards ASTM A653 /IS277 / JISG3312

**NOTES**

- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- STEEL GRADE : Fe 250
- ALL BOLTS GRADE ARE 8.8 (U.N.O)
- ALL WELDS ARE CONTINUOUS WELD AND THE SIZE OF WELD SHALL BE THE LOWEST SIZE OF THE CONNECTING MEMBER
- ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

Rev	Approval	27/08/2025
R3		
R2		
R1		
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

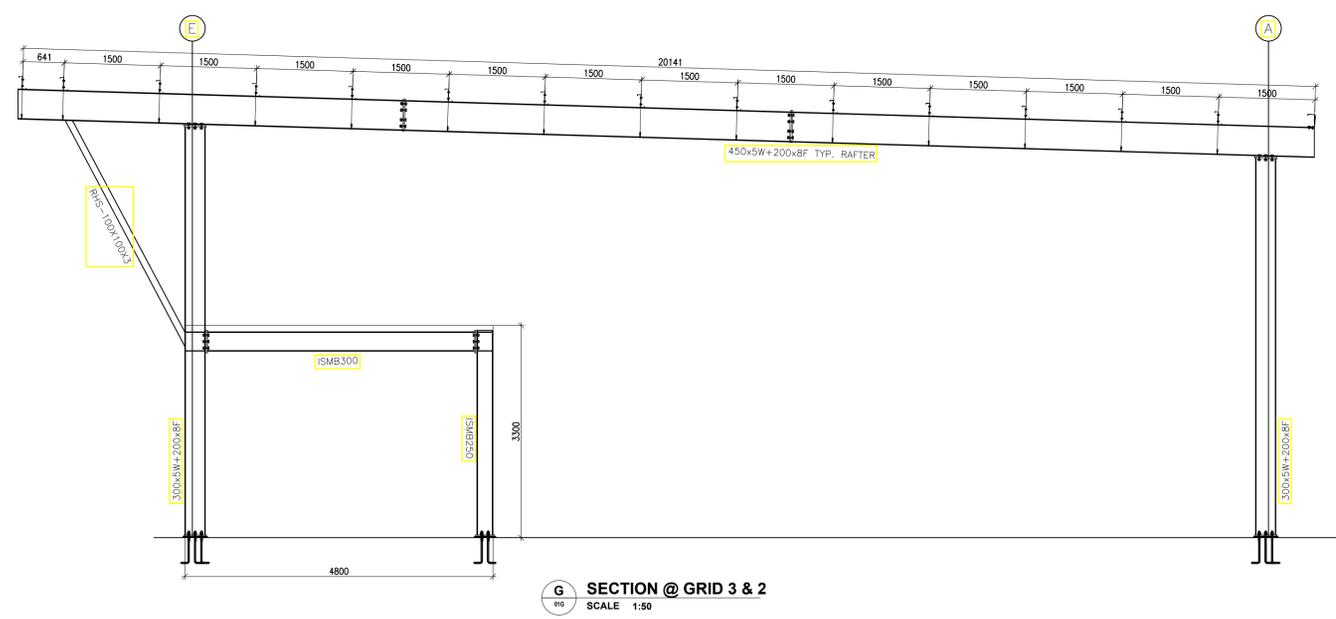
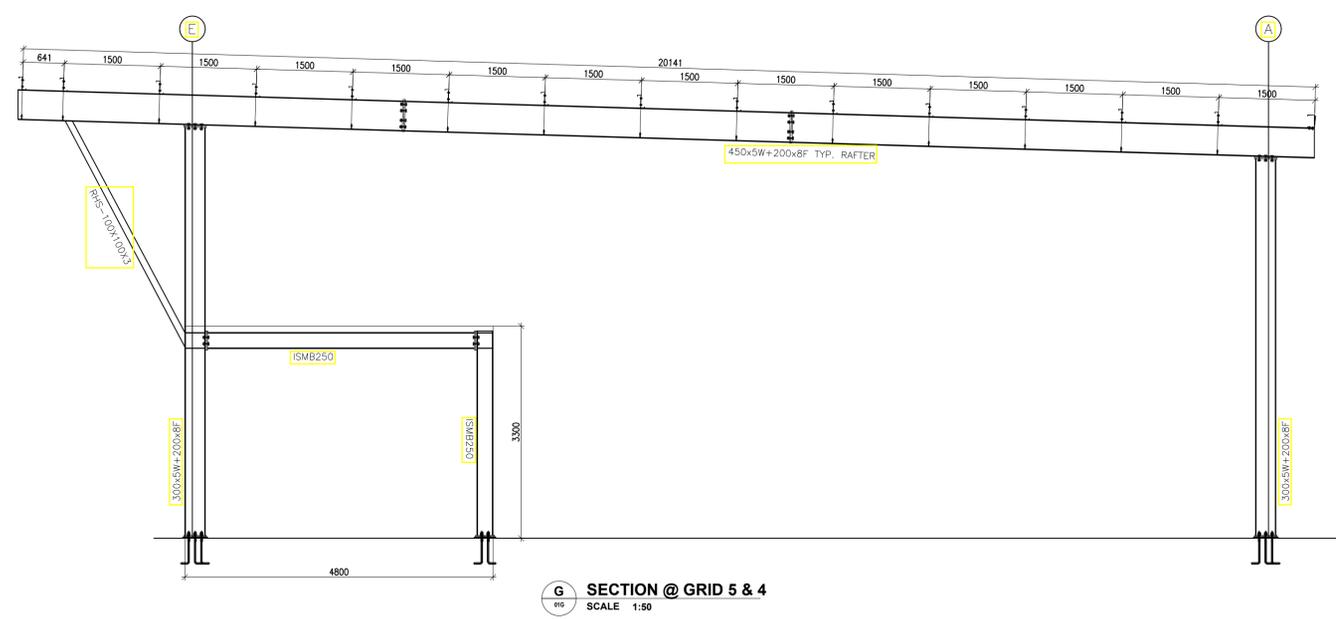
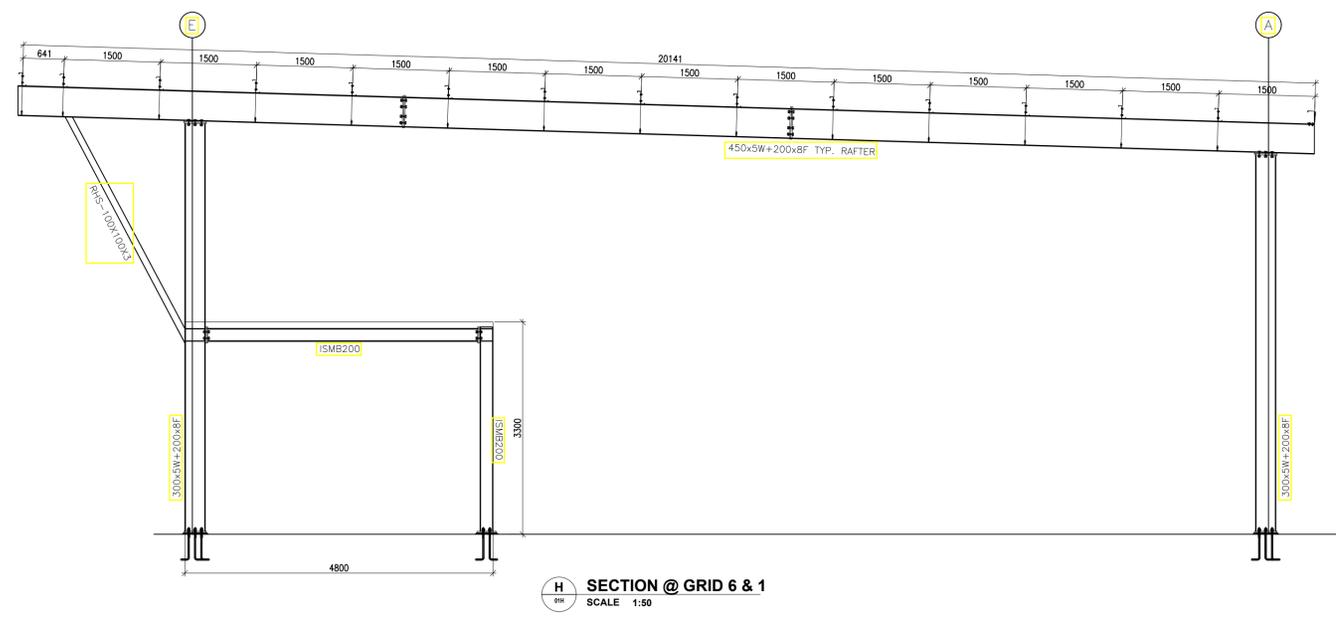
Title **MEZZANINE LAYOUT & ROOF FRAMING PLAN**

Issued For **APPROVAL**

Project Engineer.	Approved By

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Project Number	Drawing Number	Rev	
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**NOTES**

- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
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- ALL BOLTS GRADE ARE 8.8 (U.N.O)
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- ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL,  
SQUASH COURTS**

Client

Title  
**SECTIONS**

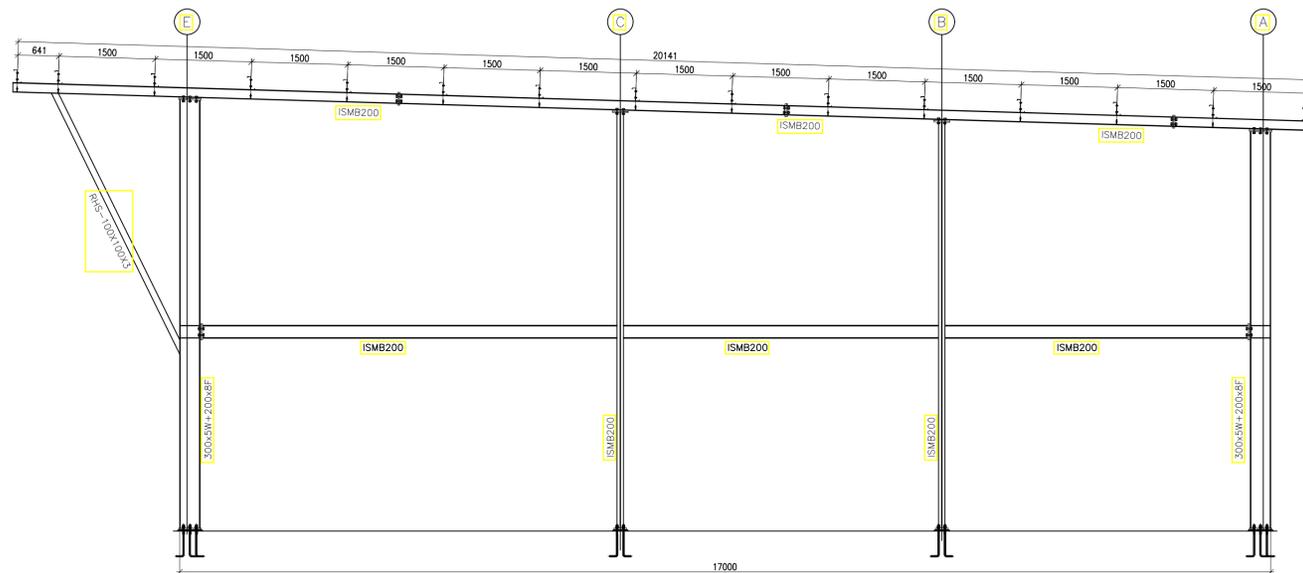
Issued For **APPROVAL**

Project Engineer.	Approved By

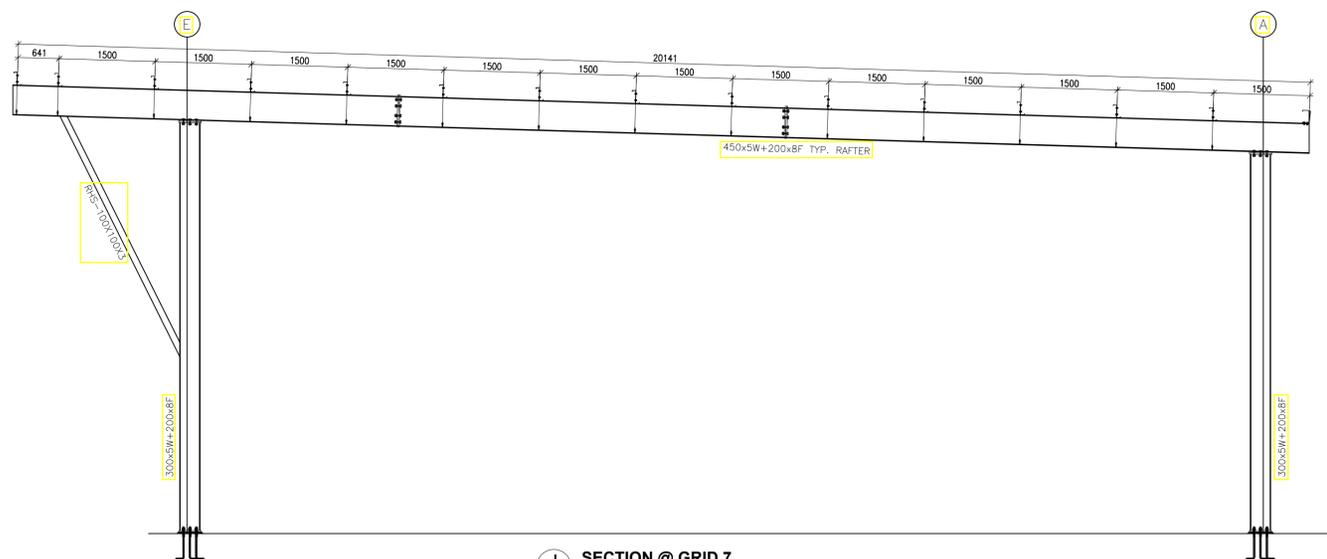
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<b>AN-C/01/2025/1498</b>	01C	<b>R1</b>	

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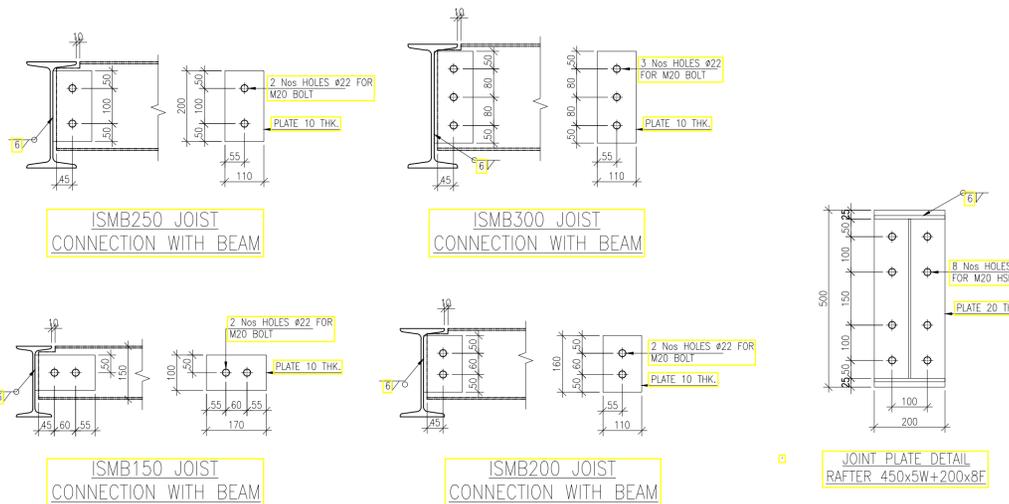
- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- STEEL GRADE : Fe 250
- ALL BOLTS GRADE ARE 8.8 (U.N.O)
- ALL WELDS ARE CONTINUOUS WELD AND THE SIZE OF WELD SHALL BE THE LOWEST SIZE OF THE CONNECTING MEMBER
- ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)



**K SECTION @ GRID 8**  
SCALE 1:50



**J SECTION @ GRID 7**  
SCALE 1:50



R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

Title  
**SECTIONS**

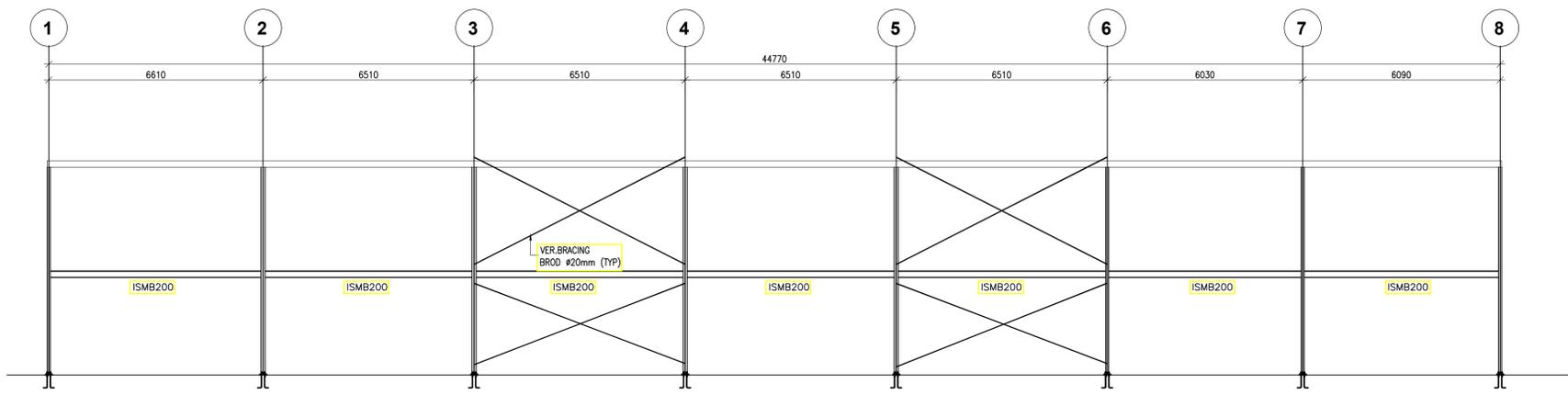
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Project Engineer.	Approved By

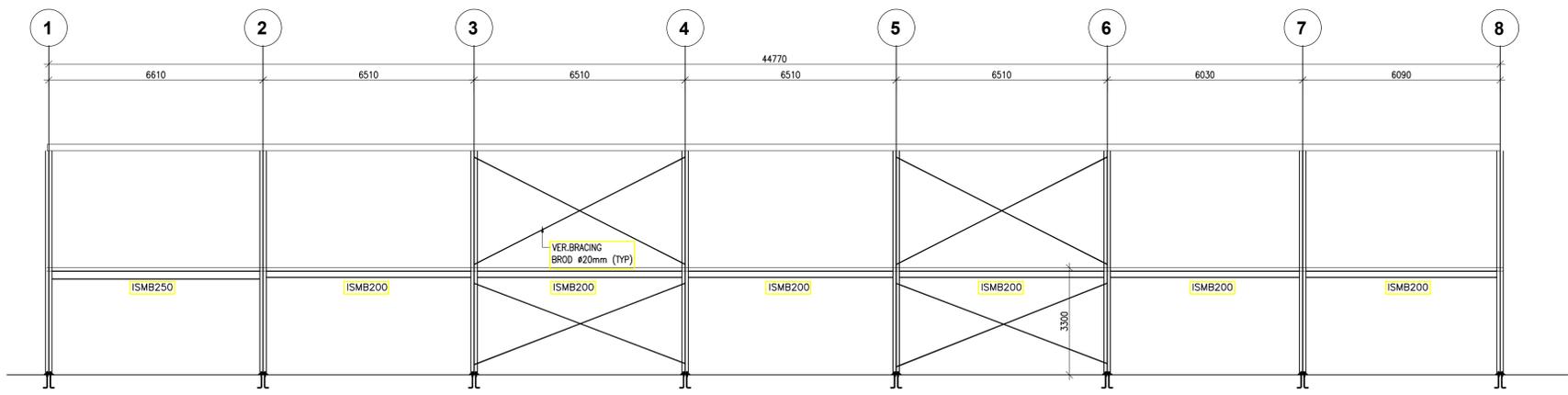
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**M FRAMING ELEVATION @ GL - A**  
SCALE 1:100



**M FRAMING ELEVATION @ GL - E**  
SCALE 1:100

**NOTES**

- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
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- ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

Rev	Approval	27/08/2025
R3		
R2		
R1		
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL,  
SQUASH COURTS**

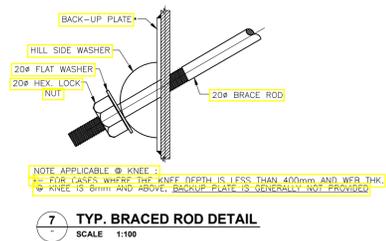
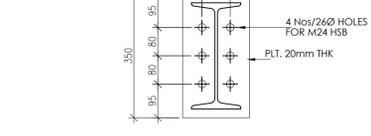
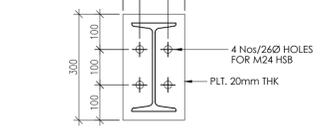
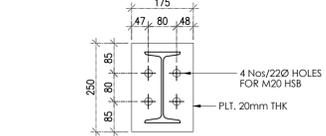
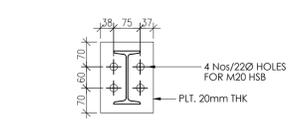
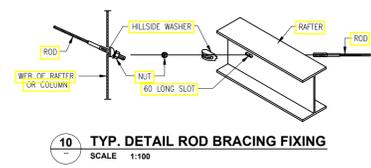
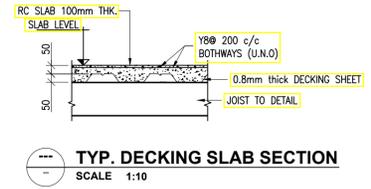
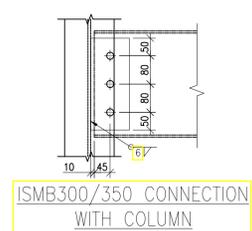
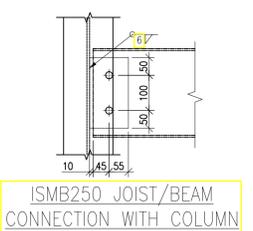
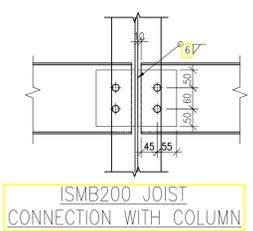
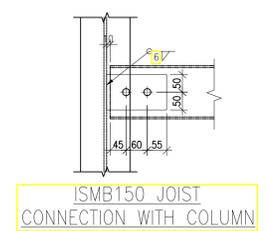
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Title  
**SECTIONS**

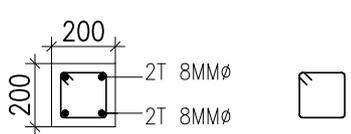
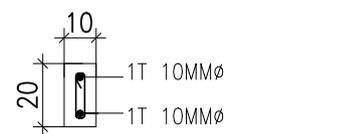
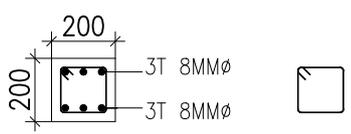
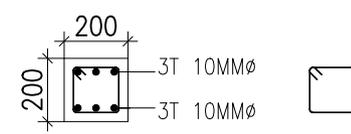
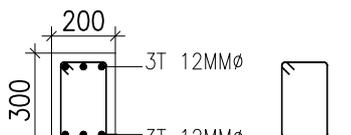
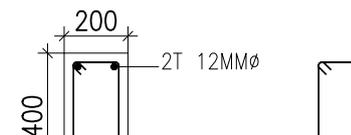
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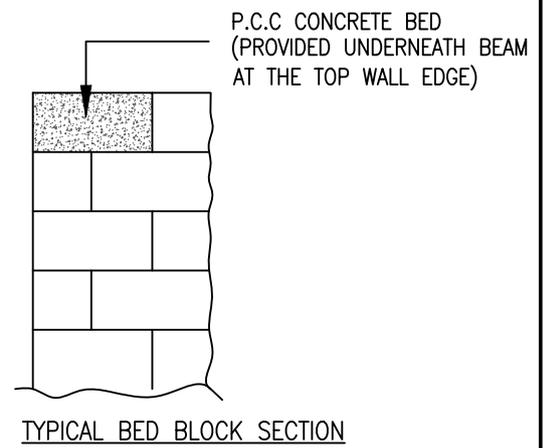
Project Engineer.	Approved By

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Project Number	Drawing Number	Rev	
<b>AN-C/01/2025/1498</b>	<b>01E</b>	<b>R1</b>	



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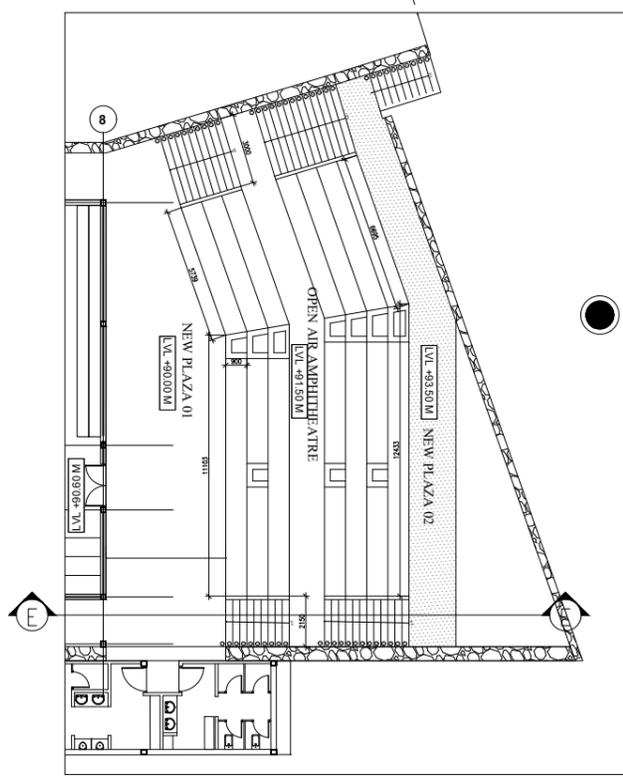
TYPICAL LINTEL DETAILS	
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 <p>RINGS: 8MM DIA 2 LEGGED STIRRUPS AT 180MM C/C</p> <p>LINTEL 2.0M TO 2.5M SIZE: 200X200(D)</p>	 <p>RINGS: 8MM DIA 2 LEGGED STIRRUPS AT 180MM C/C</p> <p>LINTEL 2.5M TO 3.0M SIZE: 200X200(D)</p>
 <p>RINGS: 8MM DIA 2 LEGGED STIRRUPS AT 180MM C/C</p> <p>LINTEL 3.0M TO 3.5M SIZE: 200X300(D)</p>	 <p>RINGS: 8MM DIA 2 LEGGED STIRRUPS AT 150MM C/C</p> <p>LINTEL 3.5M TO 4.0M SIZE: 200X400(D)</p>



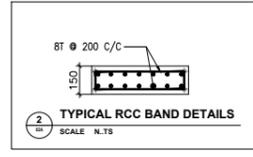
- \* CLEAR COVER TO BEAM : 25MM
- \* CLEAR COVER TO SLAB : 20MM
- \* CLEAR COVER TO LINTEL : 20MM

ISSUED FOR : CONSTRUCTION		REVISED ON:	00	SCALE: AS SHOWN	ARCHITECT
PROJECT LAWRENCE SCHOOL, SQUASH COURTS		TITLE TYPICAL LINTEL DETAILS		Pr. Engr: SUMESH	<b>A&amp;N Structural Consultants</b>
Proj No:AN-C/01/2025/1498		DRG No: 05A	A4	Checked: SUMESH	
DRAWN : PRATHEEKSH		DATE: 14-02-2026		Approved by	CONCRETE GRADE: M20
				Ashik R P. MS (Structures)	STEEL GRADE: Fe500
					34-37, CD Tower, Arayidathupalam By-pass road, Calicut, Kerala, India. Tel : +91 949 681 96 91 Email : an.structural@gmail.com

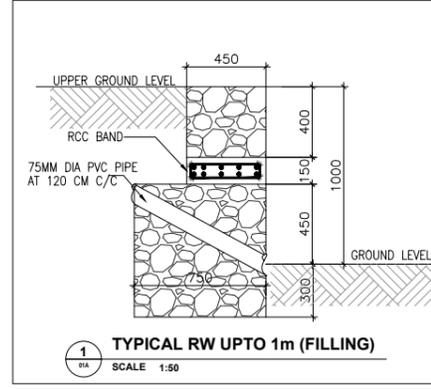
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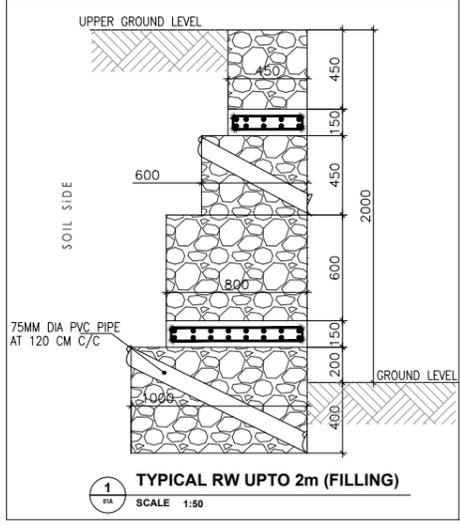
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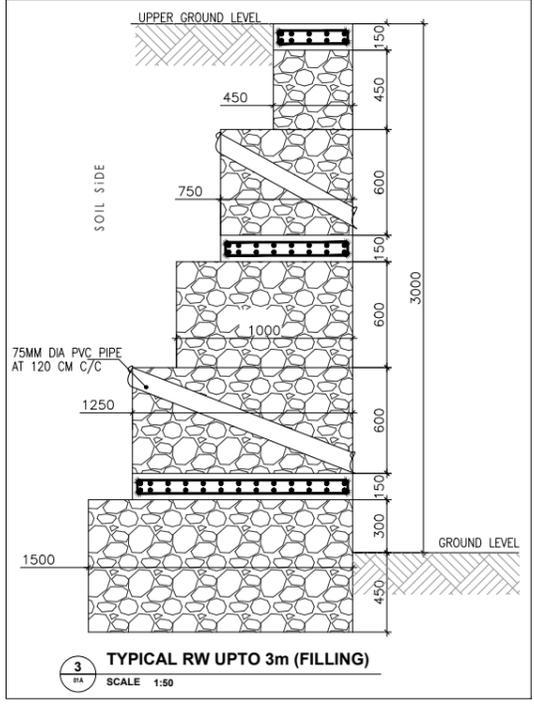
**2 TYPICAL RCC BAND DETAILS**  
SCALE N.T.S



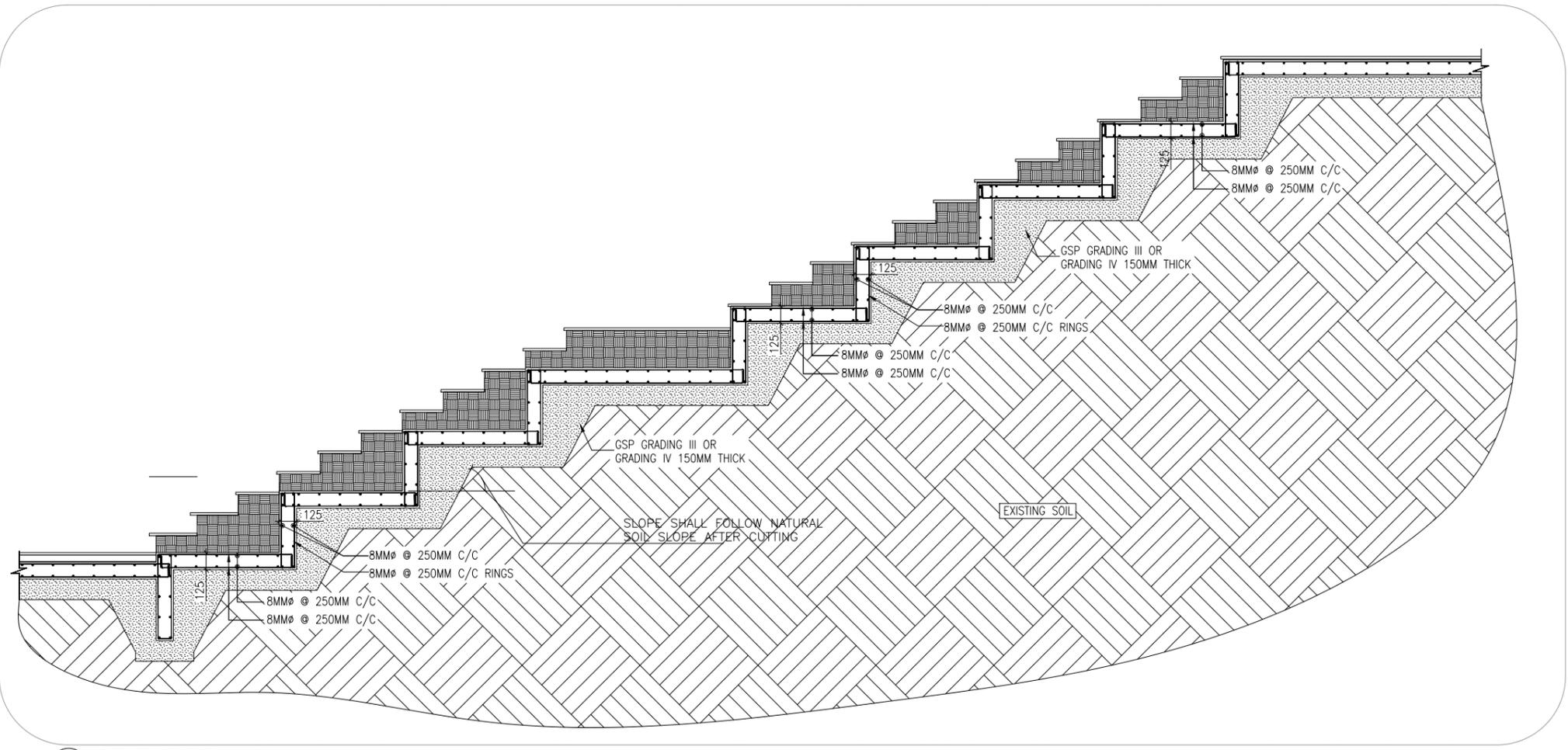
**1 TYPICAL RW UPTO 1m (FILLING)**  
SCALE 1:50



**1 TYPICAL RW UPTO 2m (FILLING)**  
SCALE 1:50



**3 TYPICAL RW UPTO 3m (FILLING)**  
SCALE 1:50



**SECTION E-E**  
SCALE 1:25

**NOTES**

- \* CONCRETE GRADE : M25
- \* STEEL GRADE : Fe 500
- \* ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- \* WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- \* ANY DISCREPANCY SHOULD BE BROUGHT TO THE ATTENTION OF THE CONSULTANT PRIOR TO THE COMMENCEMENT OF WORK
- \* REFER ARCH. DRAWINGS FOR LEVELS
- \* CLEAR COVER TO GRADE SLAB: 50mm
- \* ALL LAPPING LENGTH SHALL BE 50Ø FOR M25 CONCRETE & LAP SHOULD STAGGERED AS PER SP-34

01	SECTION E-E REVISED	10-02-2026
Rev	Revision	Date

Steel Contractor

Structural Consultant  
**A&N Structural Consultants**  
 #34-37, CD Tower, Arayidathupalam  
 By-pass road, Calicut, Kerala, India.  
 Tel: +91 949 681 96 91  
 Email: an.structural@gmail.com

Project  
**LAWRENCE SCHOOL,  
 SQUASH COURTS**

Client

Title  
**AMPHITHEATRE DETAILS**

Issued For **CONSTRUCTION**

Project Engineer.	Approved By
Sumesh M Tech (Structural Eng.) Structural Engineer	Ashik R.P. MS (Structures) Structural Engineer

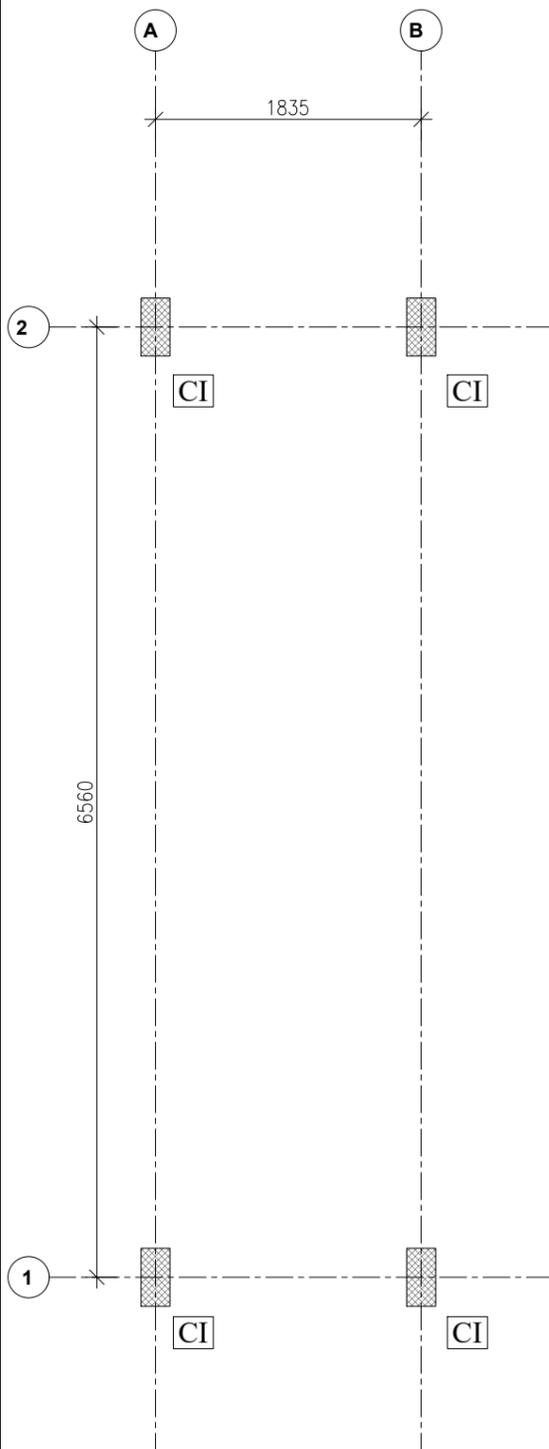
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Project Number	Drawing Number	Rev
<b>AN-C/01/2025/1498</b>	<b>03A</b>	<b>R1</b>

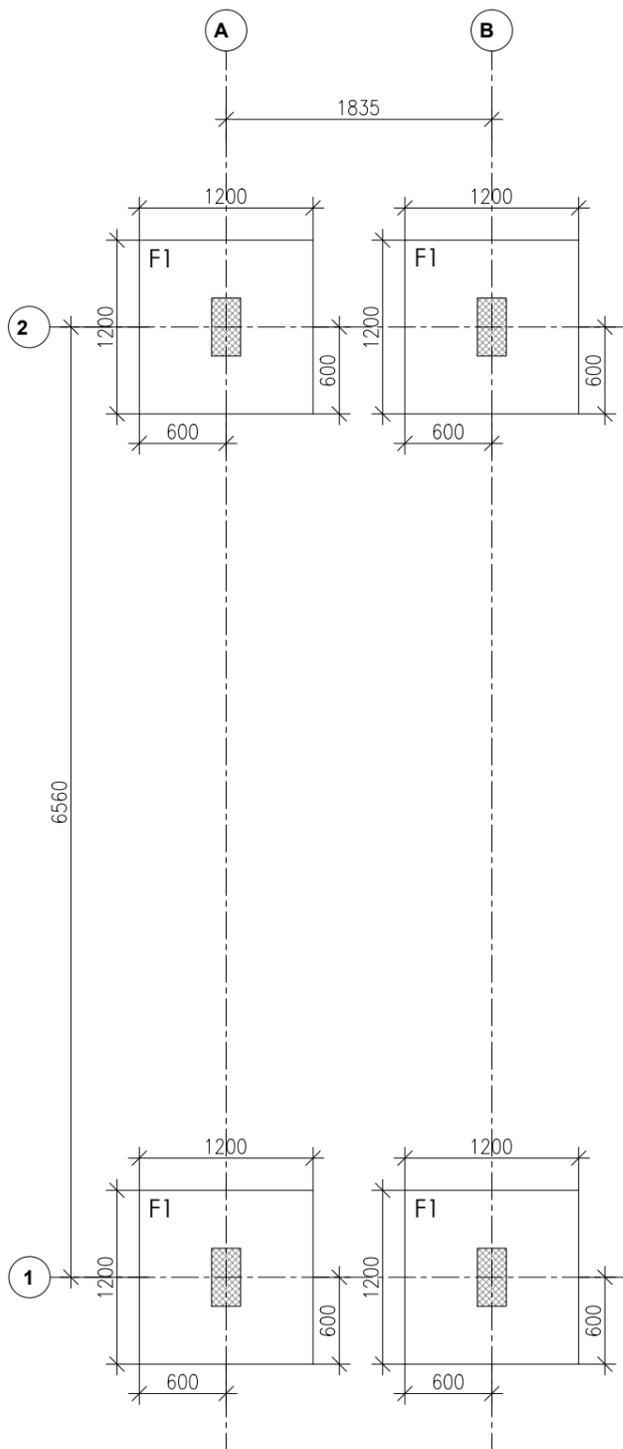


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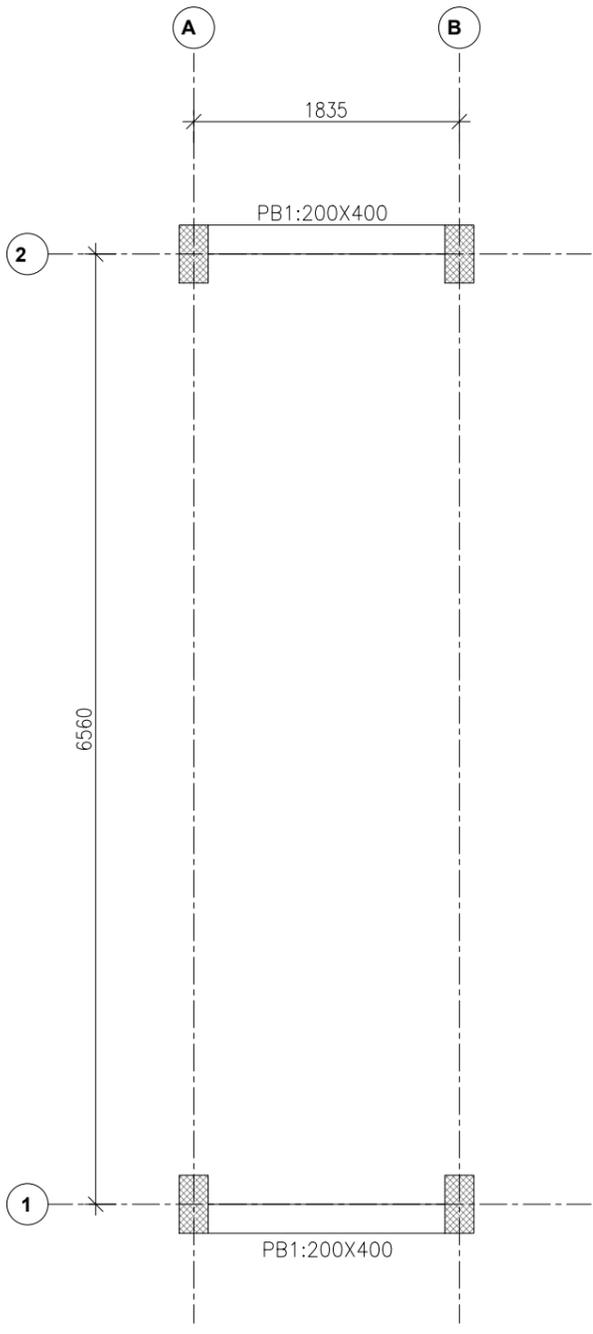
- \* CONCRETE GRADE : M25
- \* STEEL GRADE : Fe 500
- \* ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- \* WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- \* ALL STRUCTURAL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS
- \* ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE THE COMMENCEMENT OF THE WORK
- \* CLEAR COVER TO COLUMN : 40MM
- \* ALL LAPPING LENGTH SHALL BE 50Ø FOR M25 GRADE & LAP SHOULD BE STAGGERED AS PER SP 34



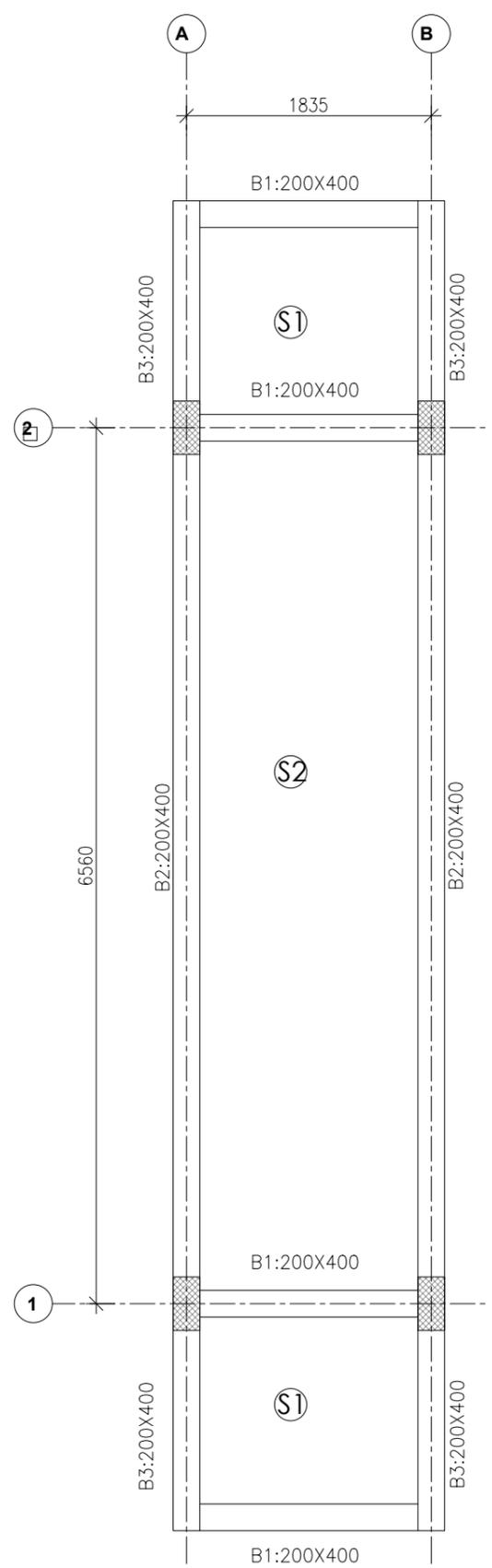
**A COLUMN LAYOUT**  
SCALE N.T.S



**B FOOTING LAYOUT**  
SCALE N.T.S



**C PLINTH BEAM LAYOUT**  
SCALE N.T.S



**D BEAM LAYOUT**  
SCALE N.T.S

NO	REVISION	DATE

Architect

Structural Consultant

Project **LAWRENCE SCHOOL, SQUASH COURTS**

Client

Title **CONCRETE BRIDGE COLUMN, FOOTING & BEAM LAYOUT**

Issued For **CONSTRUCTION**

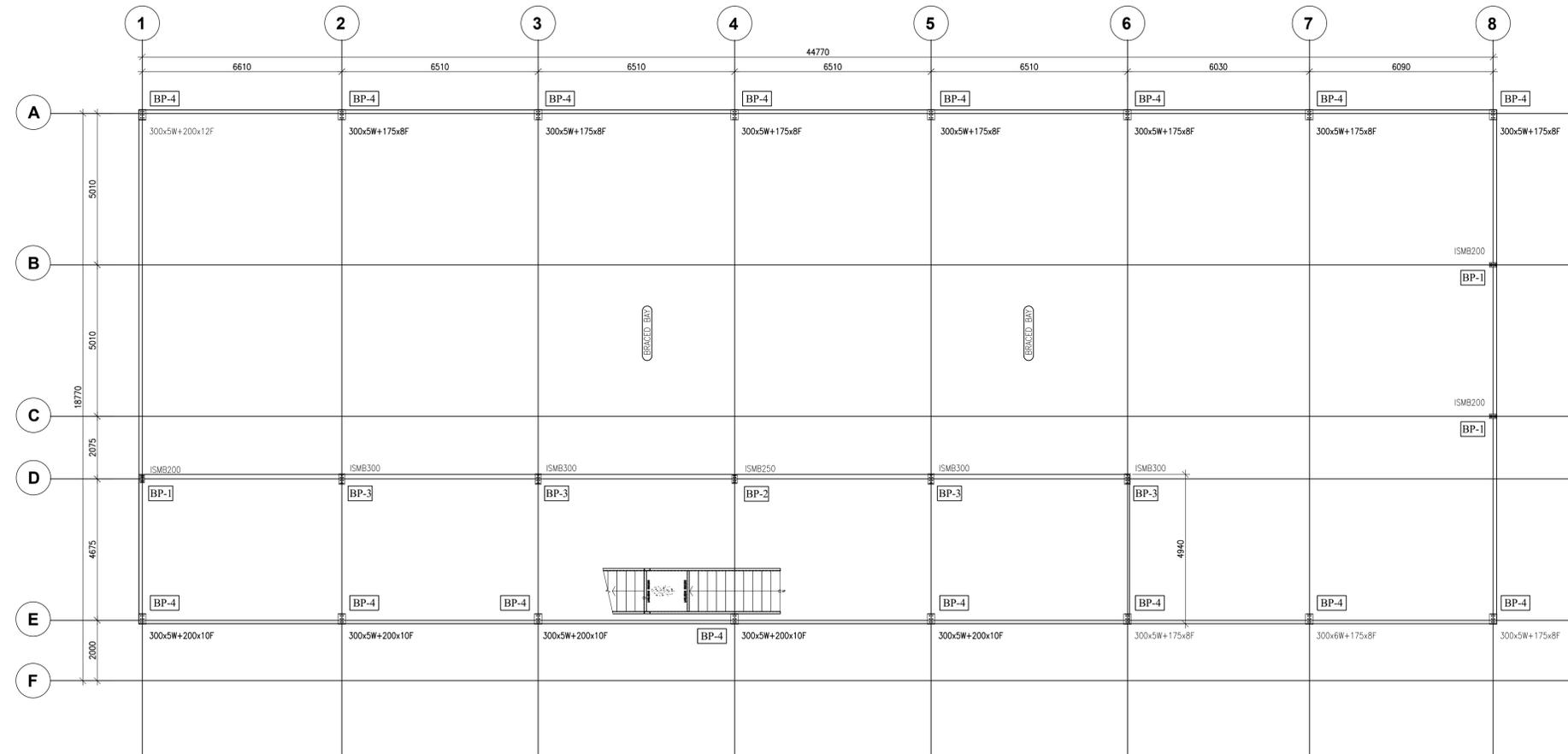
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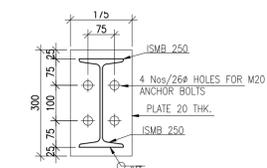
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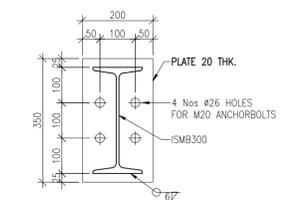
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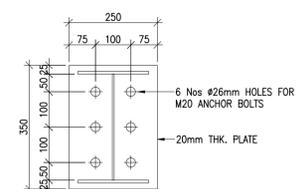
**A ANCHORBOLT LAYOUT**  
SCALE 1:100



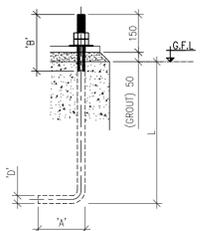
**2 BASE PLATE DETAIL BP-2**  
SCALE 1:10



**3 BASE PLATE DETAIL BP-3**  
SCALE 1:10



**4 BASE PLATE DETAIL BP-4**  
SCALE 1:10



**5 TYP. ANCHOR BOLT DETAILS**  
SCALE 1:10

DIAMETER 'D' (mm)	LENGTH 'L' (mm)	TREAD 'B' (mm)	LEG LENGTH 'A' (mm)	TOTAL LENGTH (mm)	ACCESSORIES
20	325	225	125	650	(2) NUT (1) WASHER

**NOTES**

- \* ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- \* STEEL GRADE : Fe 250
- \* ALL BOLTS GRADE ARE 8.8 (U.N.O)
- \* ALL WELDS ARE CONTINUOUS WELD AND THE SIZE OF WELD SHALL BE THE LOWEST SIZE OF THE CONNECTING MEMBER
- \* ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

Rev	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

Title  
**ANCHORBOLT LAYOUT & BASE PLATE DETAILS**

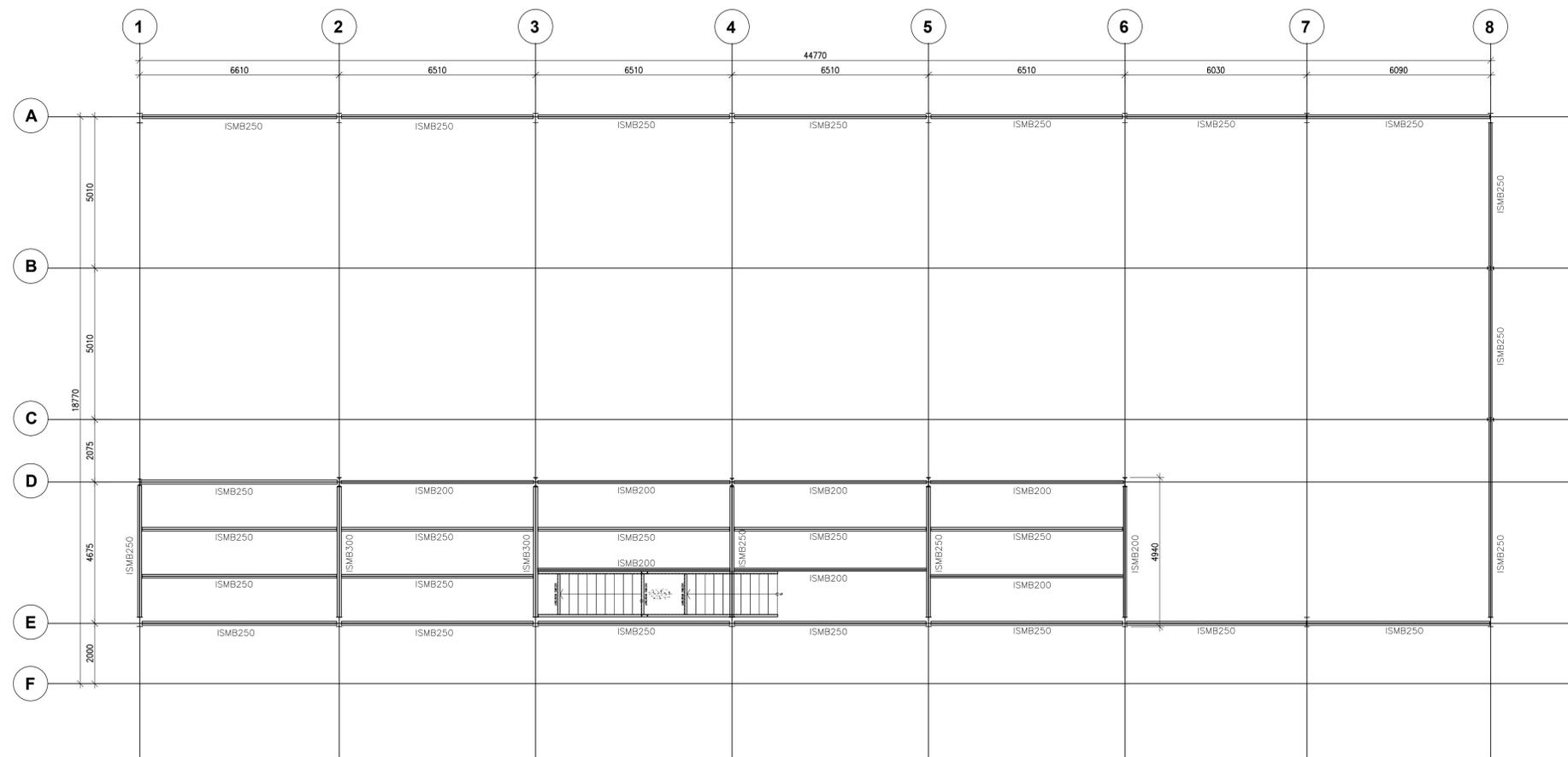
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**APPROVAL**

Project Engineer.	Approved By
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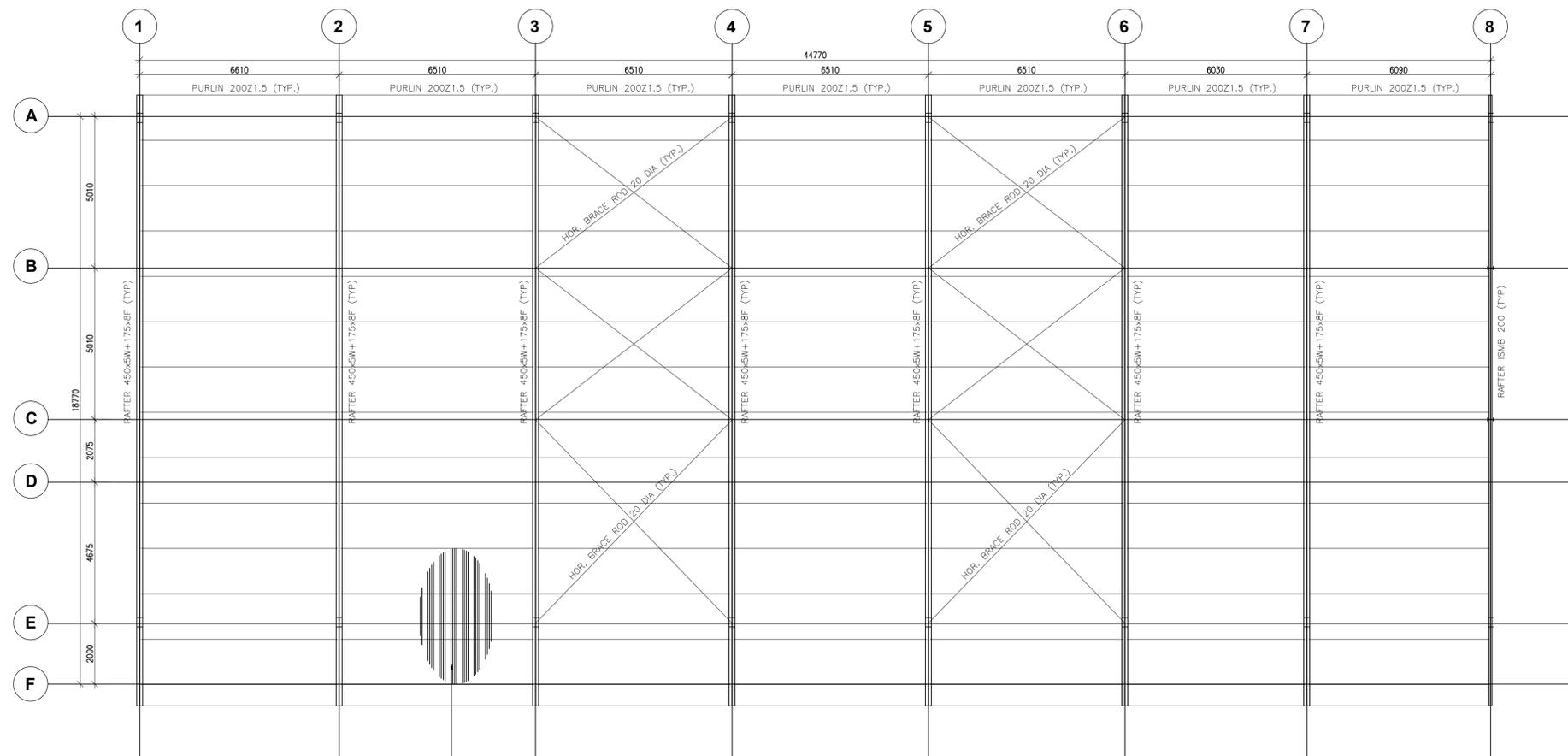
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Project Number	Drawing Number	Rev
<b>AN-C/01/2025/1498</b>	<b>01A</b>	<b>R1</b>

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**B MEZZANINE LAYOUT**  
SCALE 1:100



**L ROOF FRAMING PLAN**  
SCALE 1:100

Standing Seam Roofing with Prepainted Galvalume  
Steel Purlin Thickness 0.6mm, Top Coat  
PVDF(18-20microns), Back coat PU (5-7microns),  
Seam Crest 50mm, 410mm crest distance, ribs for  
stiffening, yield strength 340MPa, coating standards  
ASTM A653 /IS277 / JISG3312

**NOTES**

- \* ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- \* STEEL GRADE : Fe 250
- \* ALL BOLTS GRADE ARE 8.8 (U.N.O)
- \* ALL WELDS ARE CONTINUOUS WELD AND THE SIZE OF WELD SHALL BE THE LOWEST SIZE OF THE CONNECTING MEMBER
- \* ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL,  
SQUASH COURTS**

Client

Title **MEZZANINE LAYOUT  
&  
ROOF FRAMING PLAN**

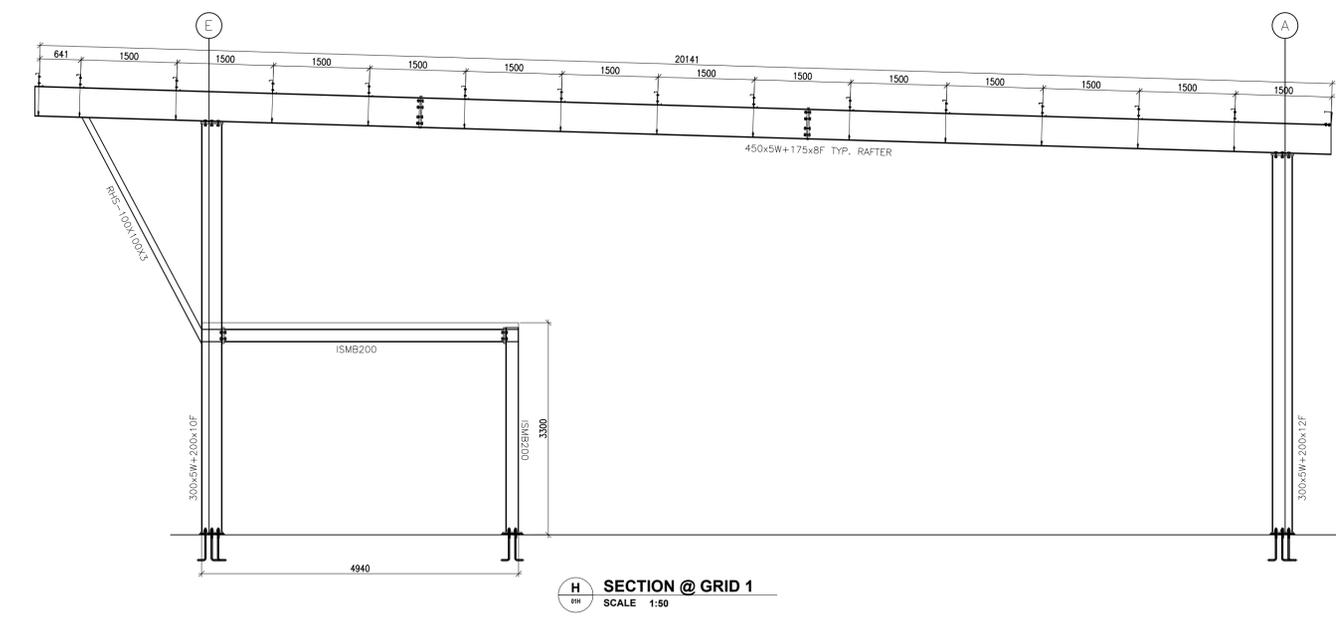
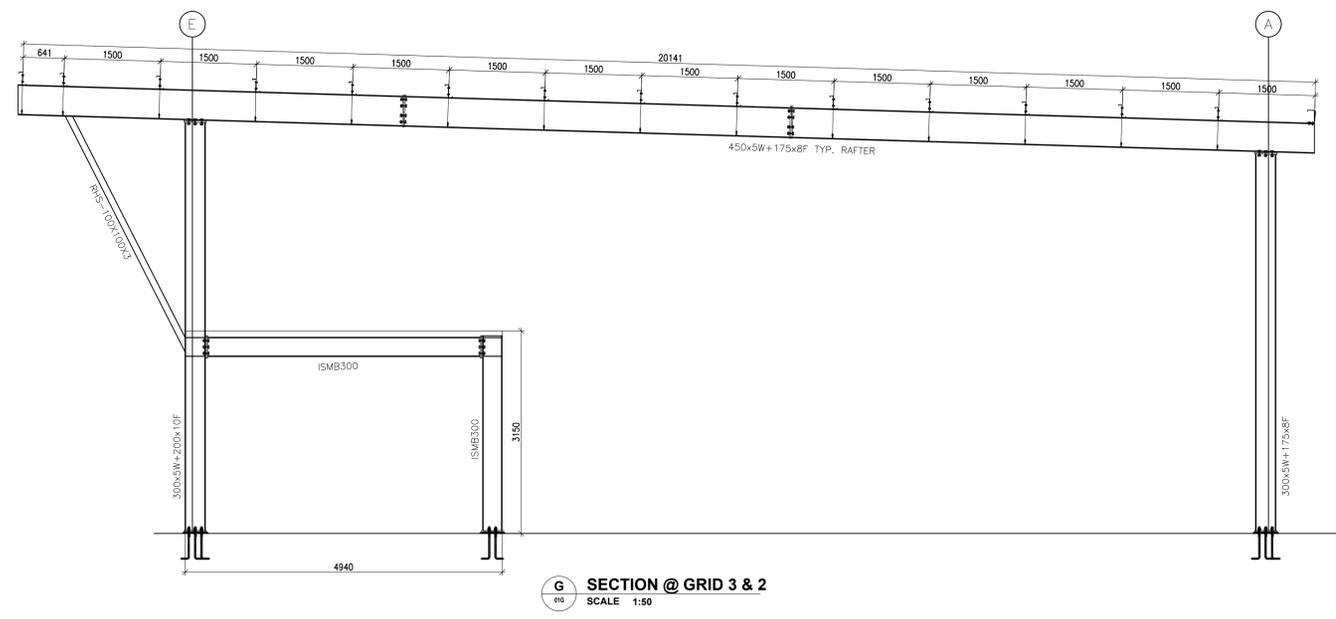
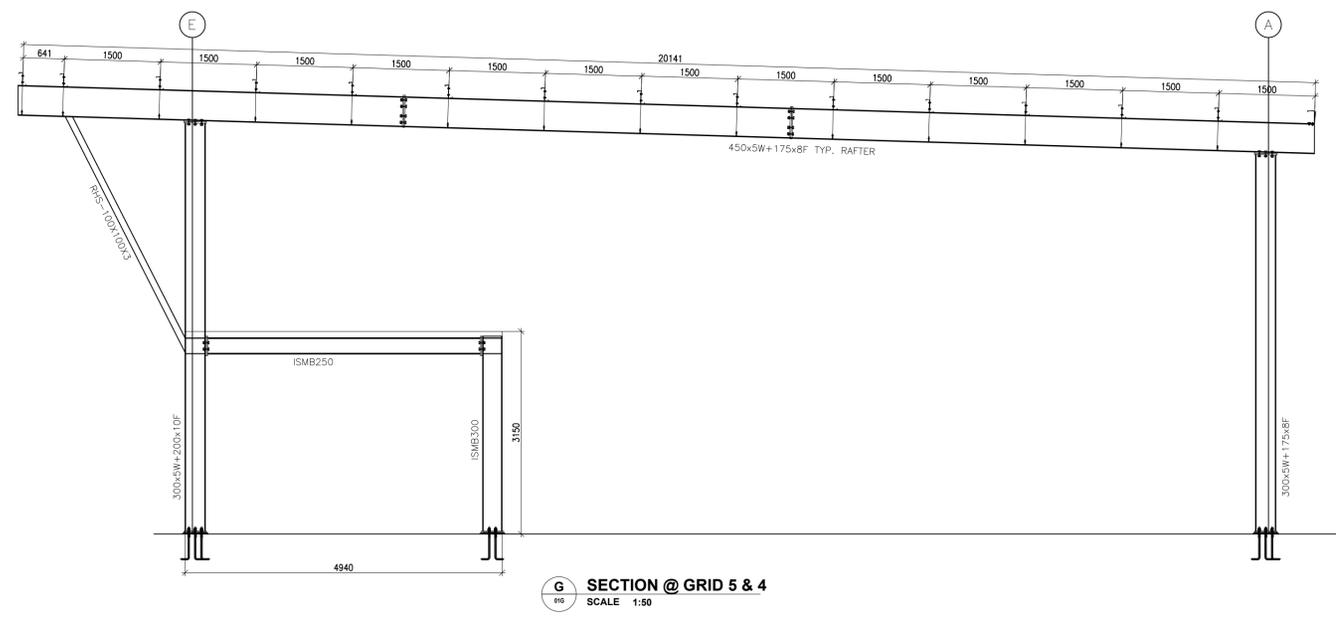
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Project Engineer.	Approved By

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Project Number	Drawing Number	Rev
<b>AN-C/01/2025/1498</b>	<b>01B</b>	<b>R1</b>

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**NOTES**

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R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL,  
SQUASH COURTS**

Client

Title  
**SECTIONS**

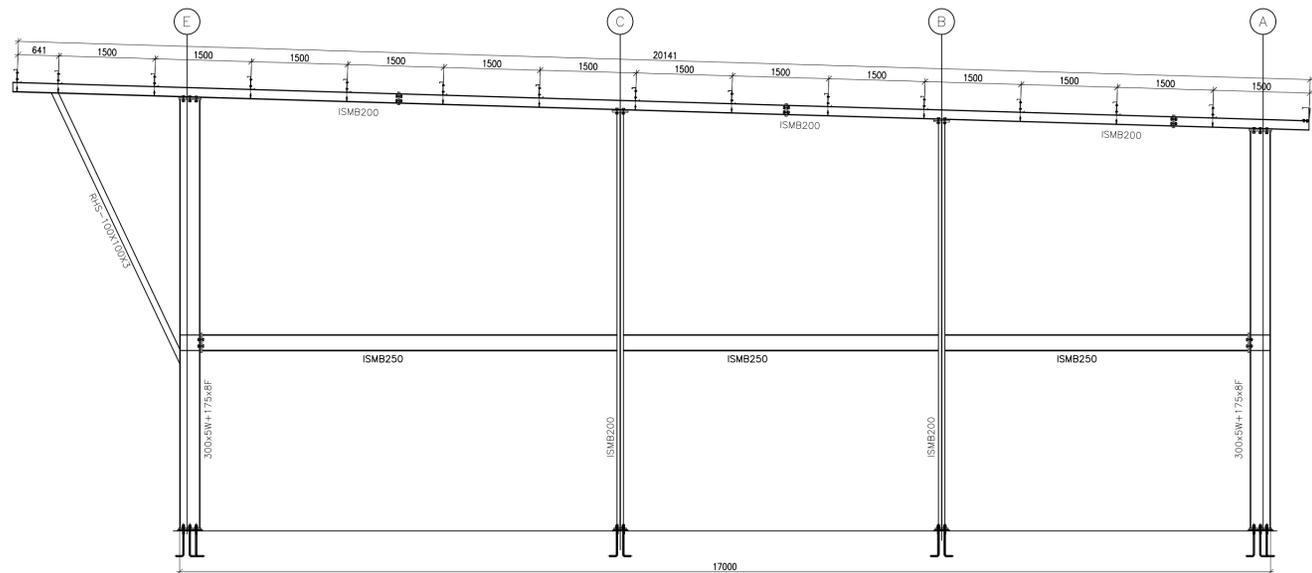
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Project Engineer.	Approved By

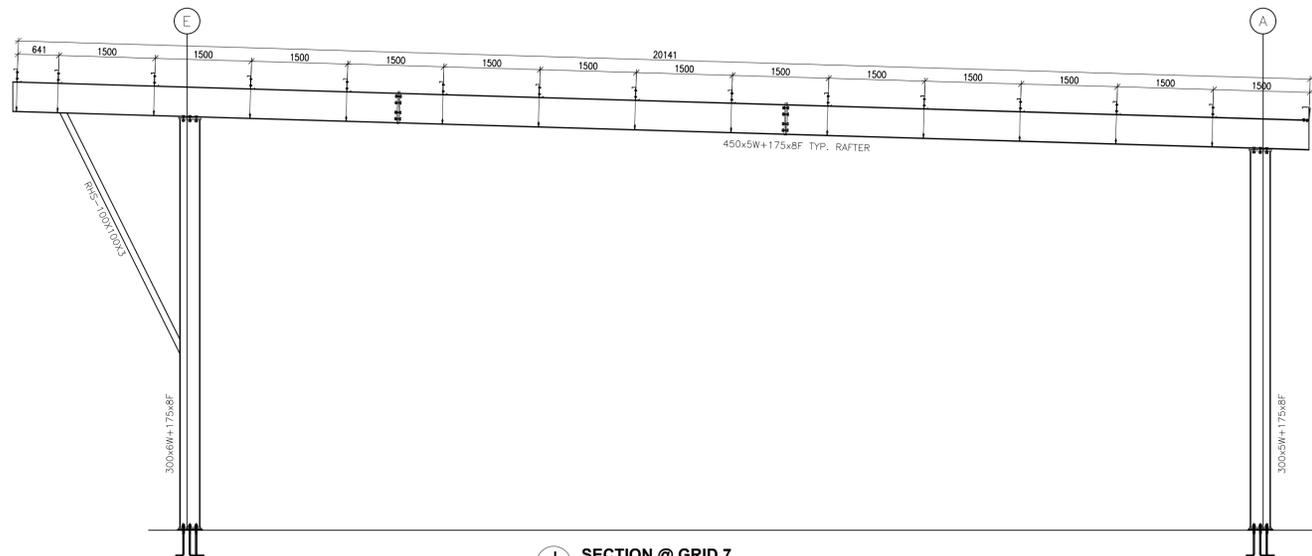
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Project Number	Drawing Number	Rev
<b>AN-C/01/2025/1498</b>	01C	<b>R1</b>

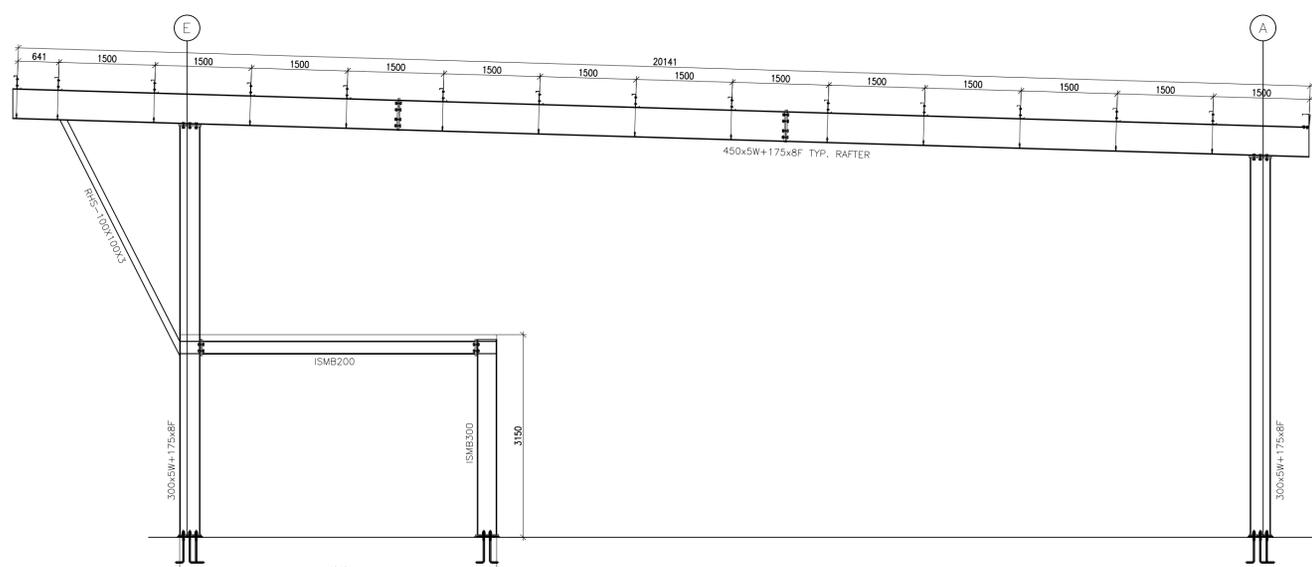
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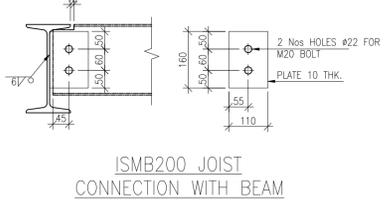
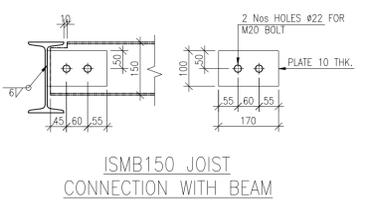
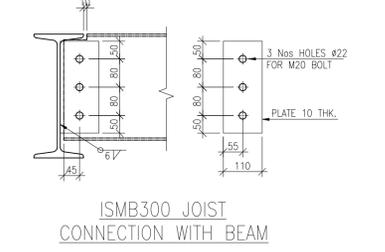
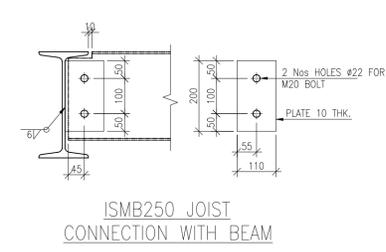
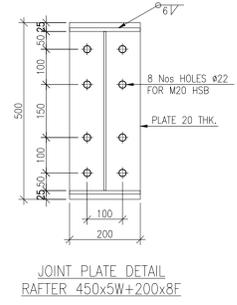
**K SECTION @ GRID 8**  
SCALE 1:50



**J SECTION @ GRID 7**  
SCALE 1:50



**H SECTION @ GRID 6**  
SCALE 1:50



**NOTES**

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- \* ALL ANCHOR BOLT GRADE ARE 4.6 (U.N.O)

Rev	Revision Reason	Date
R3		
R2		
R1		
R0	Approval	27/08/2025

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

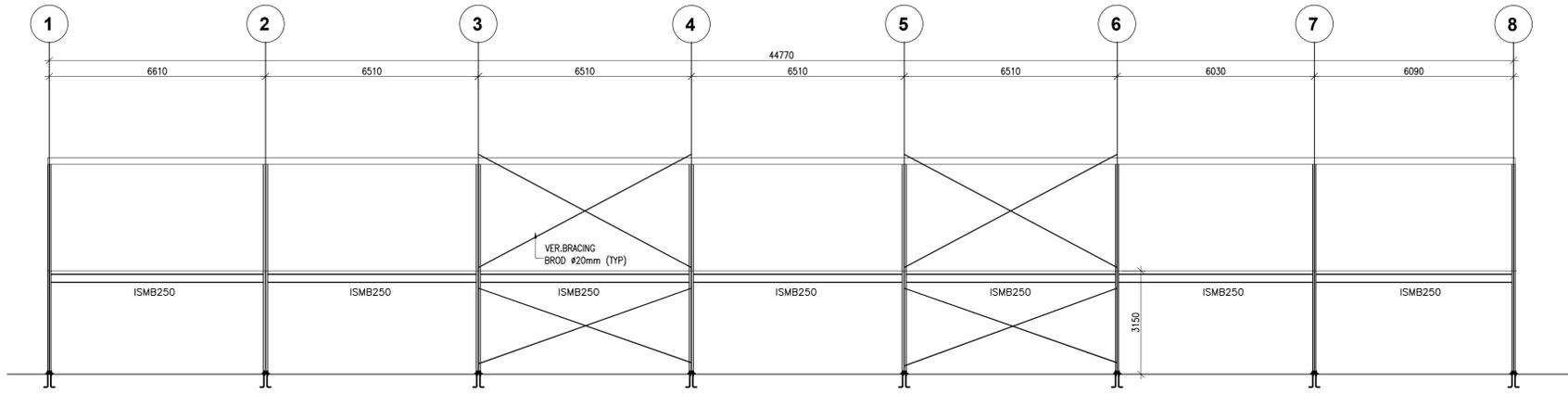
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**SECTIONS**

Issued For **APPROVAL**

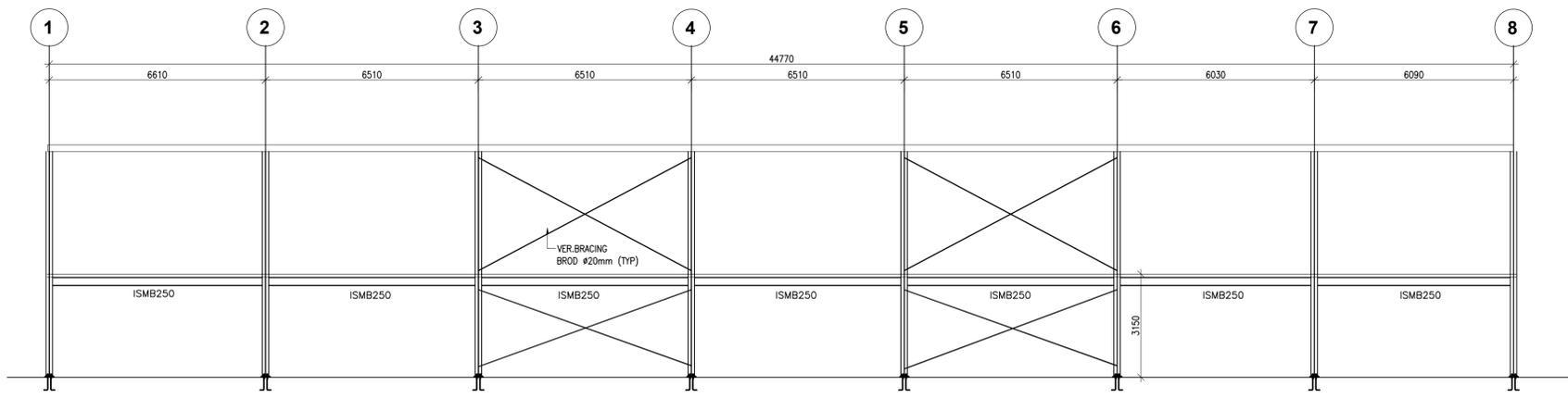
Project Engineer.	Approved By

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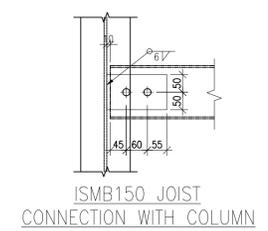
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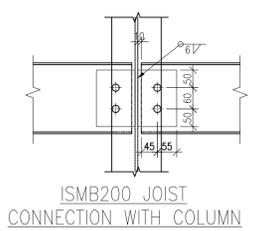
**M** FRAMING ELEVATION @ GL - A  
SCALE 1:100



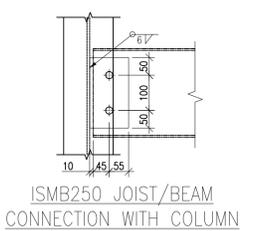
**M** FRAMING ELEVATION @ GL - E  
SCALE 1:100



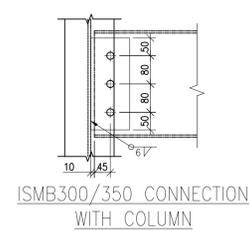
ISMB150 JOIST CONNECTION WITH COLUMN



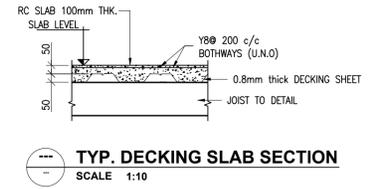
ISMB200 JOIST CONNECTION WITH COLUMN



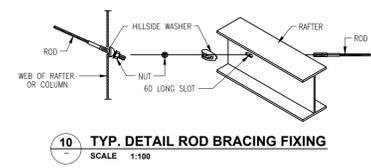
ISMB250 JOIST/BEAM CONNECTION WITH COLUMN



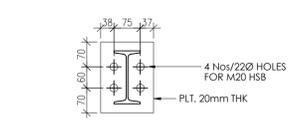
ISMB300/350 CONNECTION WITH COLUMN



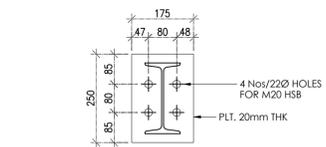
TYP. DECKING SLAB SECTION  
SCALE 1:10



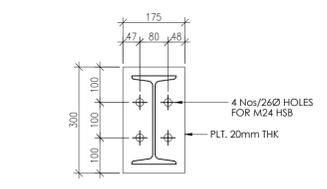
TYP. DETAIL ROD BRACING FIXING  
SCALE 1:100



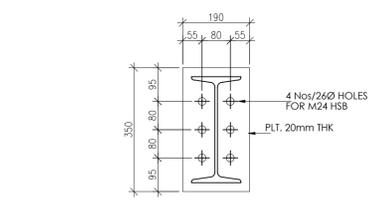
1 ISMB150 : JOIN PLATE DETAIL  
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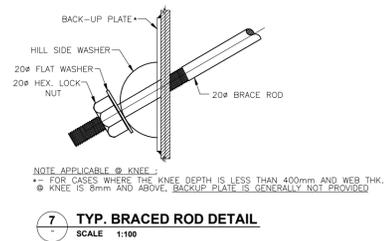
2 ISMB200 : JOIN PLATE DETAIL  
SCALE 1:10



3 ISMB250 : JOIN PLATE DETAIL  
SCALE 1:10



4 ISMB300 : JOIN PLATE DETAIL  
SCALE 1:10



7 TYP. BRACED ROD DETAIL  
SCALE 1:100

NOTES

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R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

Client

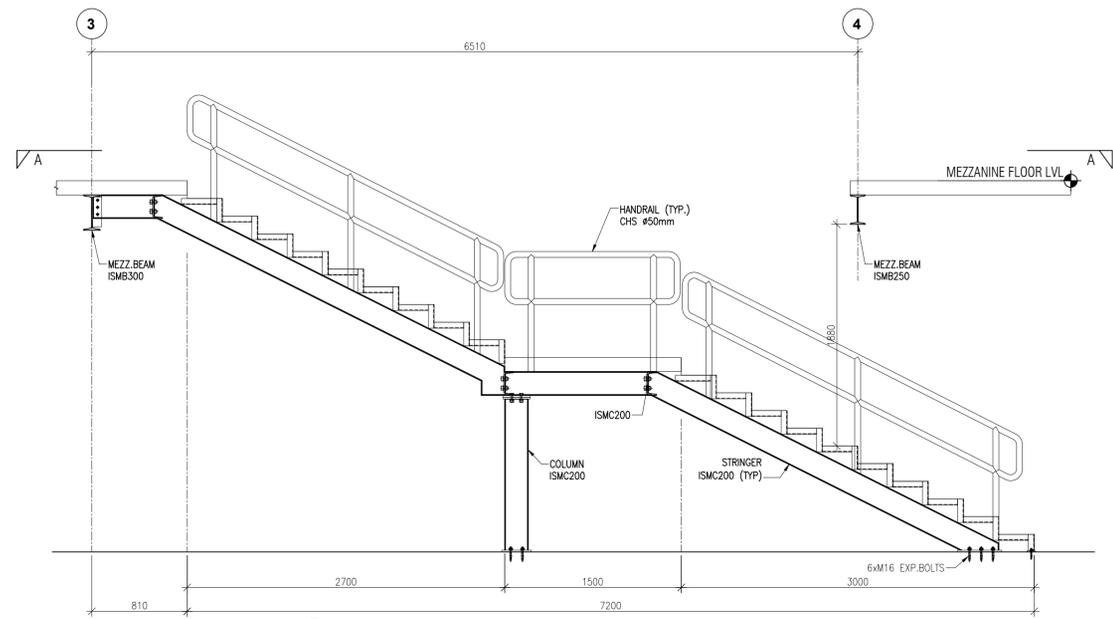
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Issued For **APPROVAL**

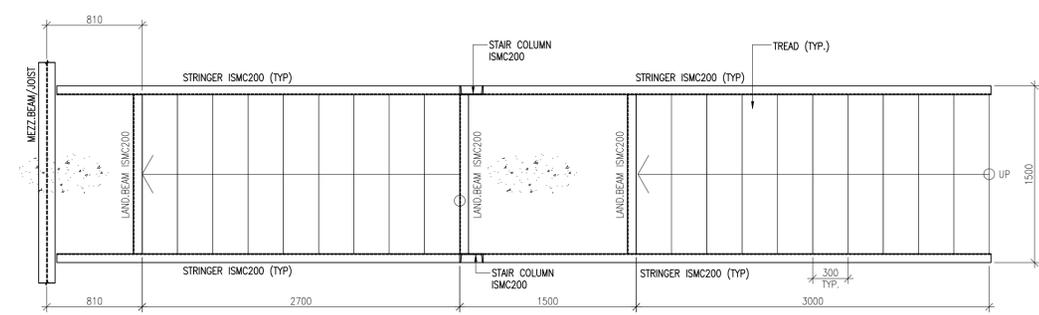
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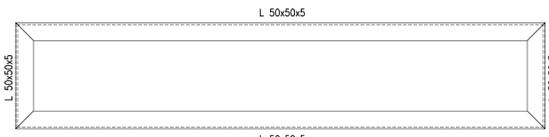
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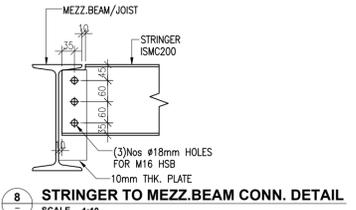
**1 STAIRCASE ELEVATION**  
SCALE 1:30



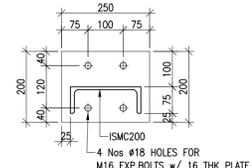
**2 STAIRCASE -1 PLAN VIEW A-A**  
SCALE 1:30



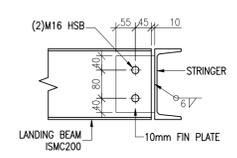
**5 TREAD TOP VIEW**  
SCALE 1:10



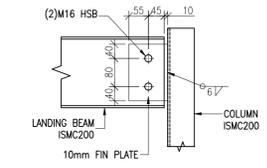
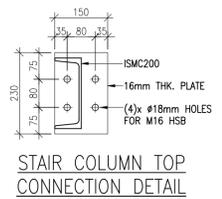
**8 STRINGER TO MEZZ.BEAM CONN. DETAIL**  
SCALE 1:10



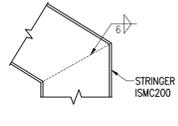
**3 STAIR COLUMN BASE DETAIL**  
SCALE 1:10



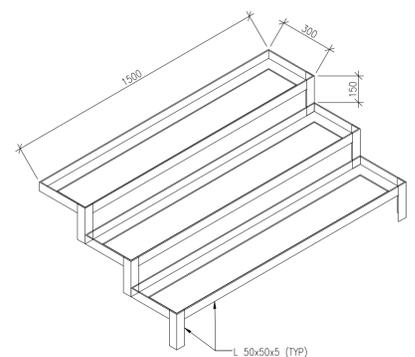
**4 LAND.BEAM TO STRINGER**  
SCALE 1:10



**6 LAND.BEAM TO COLUMN**  
SCALE 1:10



**7 STRINGER JOINT**  
SCALE 1:10



**9 TREAD ISOMETRIC VIEW**  
SCALE 1:20

**NOTES**

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R3		
R2		
R1		
R0	Approval	27/08/2025
Rev	Revision Reason	Date

Steel Contractor

Structural Consultant

Project  
**LAWRENCE SCHOOL, SQUASH COURTS**

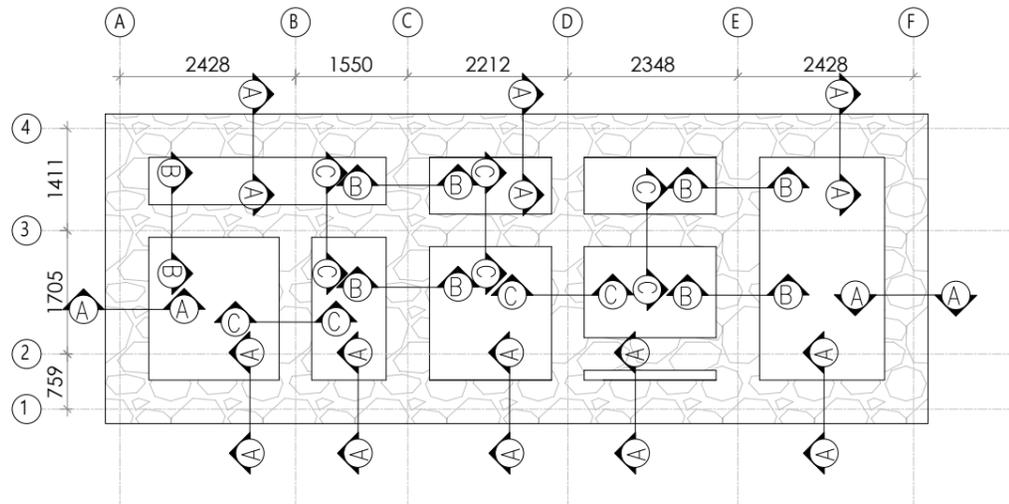
Client

Title  
**SECTIONS**

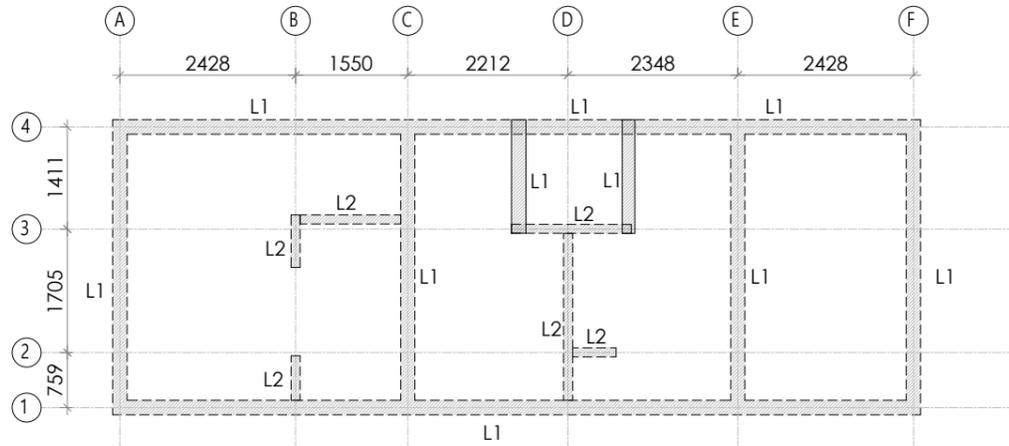
Issued For **APPROVAL**

Project Engineer.	Approved By

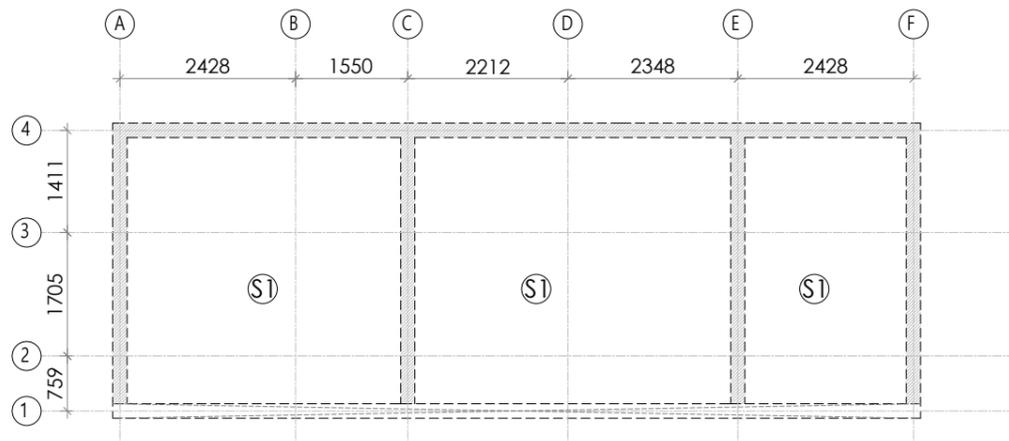
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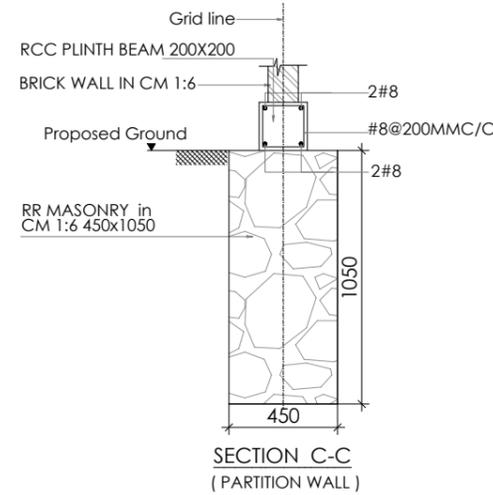
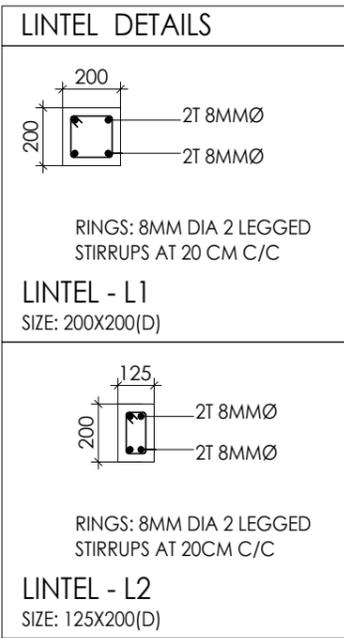
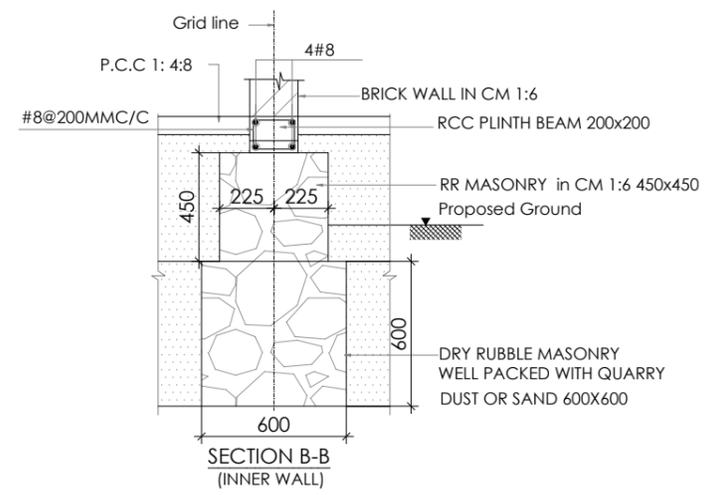
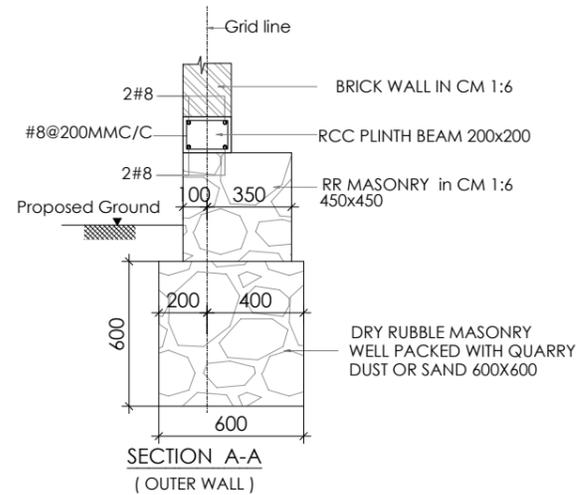
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SCALE N.T.S



**B LINTEL LAYOUT**  
SCALE N.T.S



**C FRAMING LAYOUT**  
SCALE N.T.S



**S L A B S C H E D U L E**

INDEX	THICKNESS mm	REINFORCEMENT IN		REMARKS
		Shorter Direction.	Longer Direction.	
S1	150mm	8@125c/c	8@125c/c	TWO WAY

**NOTES**

- CONCRETE GRADE : M25
- STEEL GRADE : Fe 500
- ALL DIMENSIONS ARE IN MMS & LEVELS ARE IN METERS
- WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- ALL STRUCTURAL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS
- ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE THE COMMENCEMENT OF THE WORK
- CLEAR COVER TO BEAM : 25MM
- ALL LAPPING LENGTH SHALL BE 50Ø FOR M25 GRADE & LAP SHOULD BE STAGGERED AS PER SP 34
- CLEAR COVER TO SLAB : 20MM

NO	REVISION	DATE

Architect

Structural Consultant

Project **LAWRENCE SCHOOL, SQUASH COURTS**

Client

Title **EXTERNAL TOILET BLOCK DETAILS**

Issued For **CONSTRUCTION**

Project Engineer.	Approved By

Scale	Drawn	Checked	Sheet Size
NTS	Date: 09-12-2025	Date: 09-12-2025	A3
Project Number	Drawing Number	Rev	
<b>AN-C/01/2025/1498</b>	<b>06A</b>	<b>R0</b>	