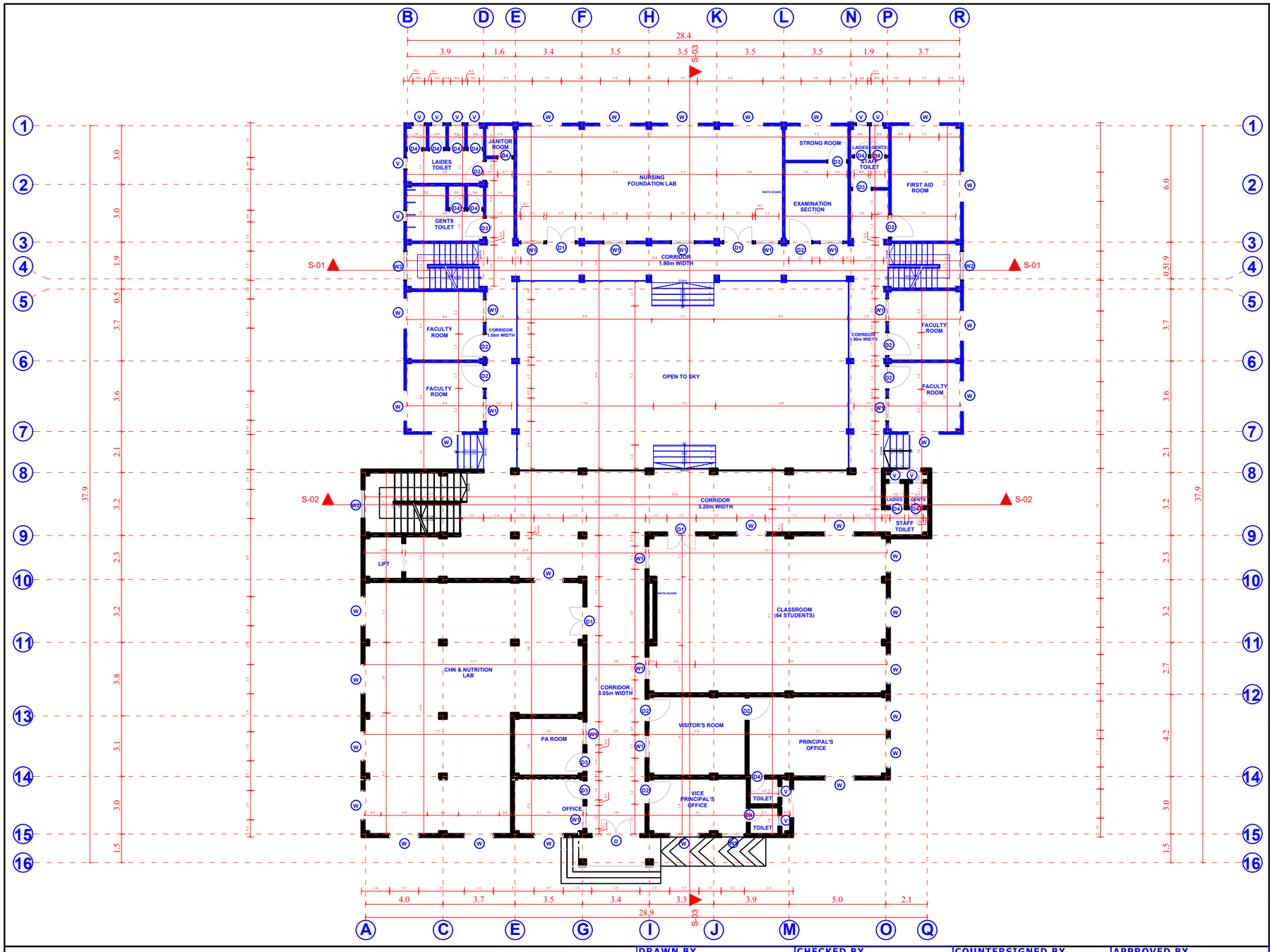

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (GROUND F)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0,60 X 0,60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

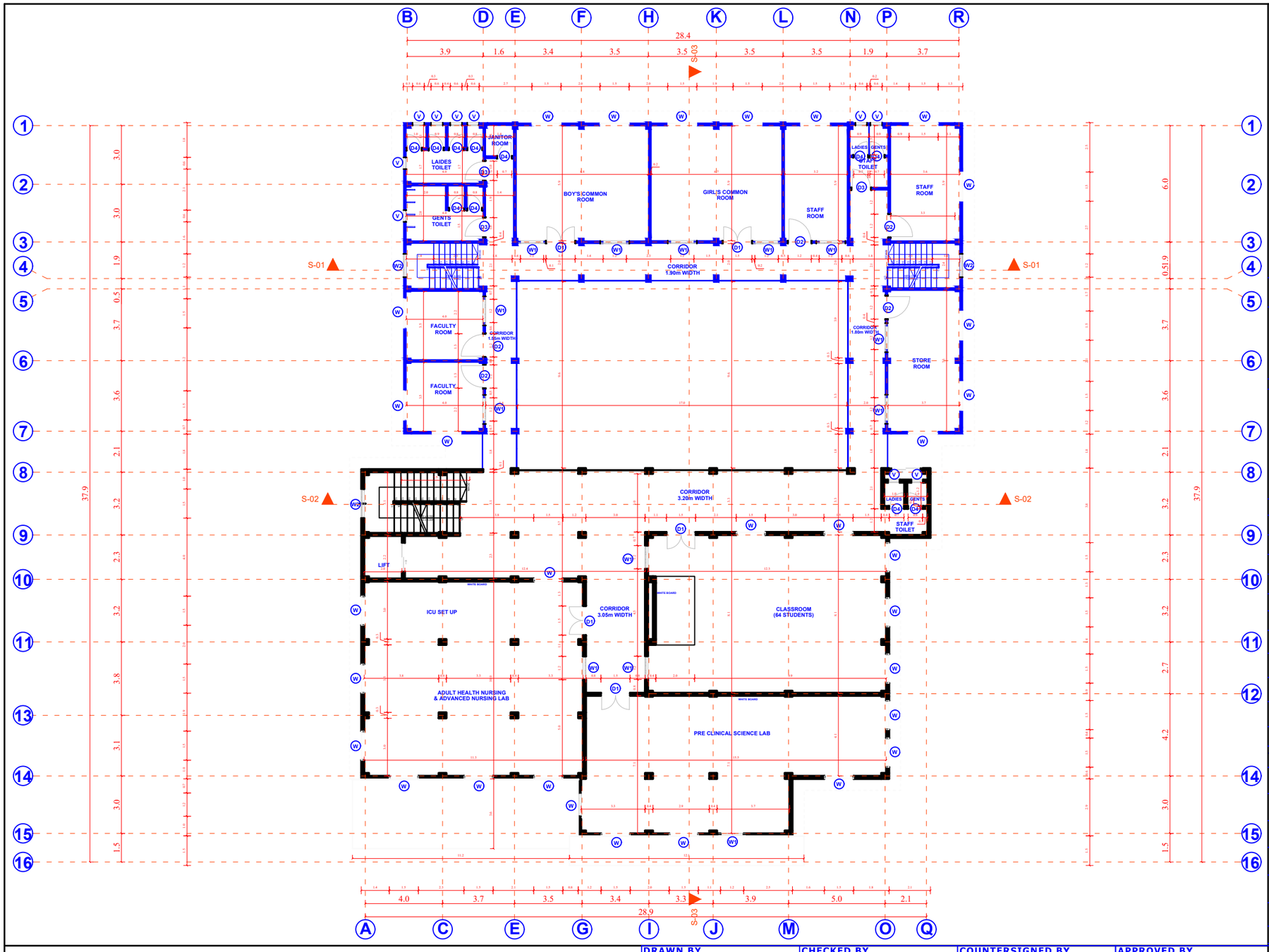
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (1st FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

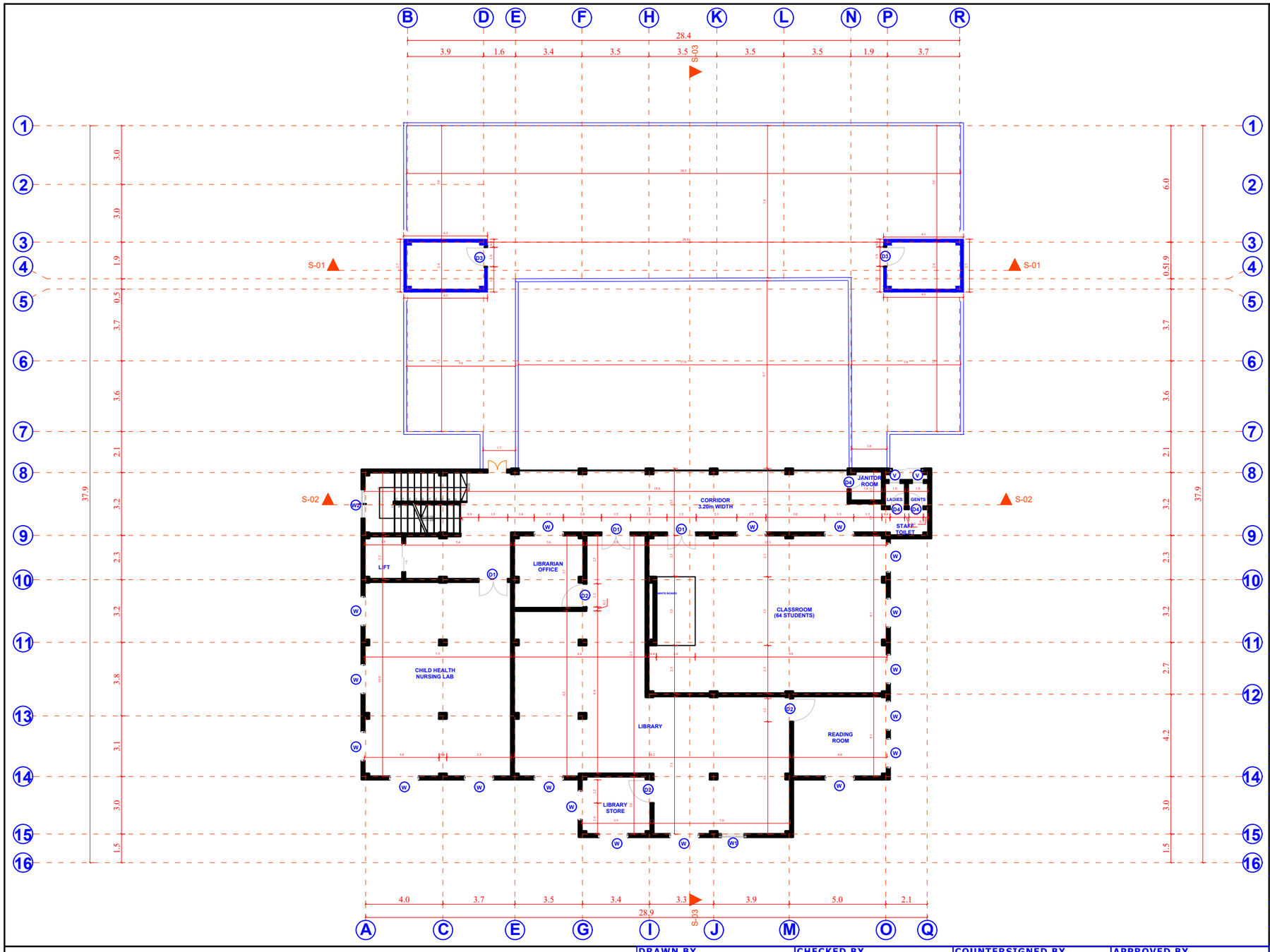
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (2nd FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

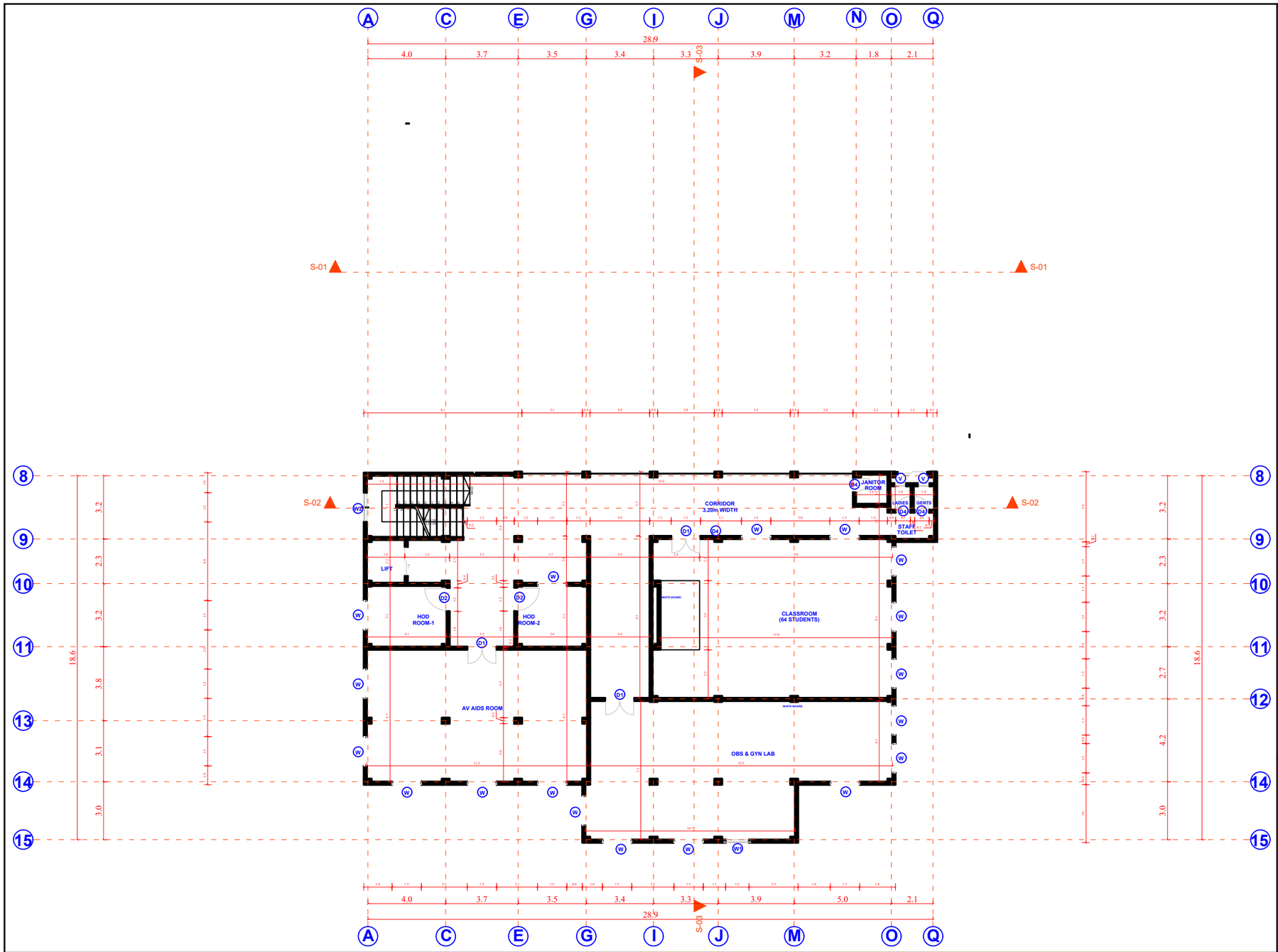
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (3rd FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

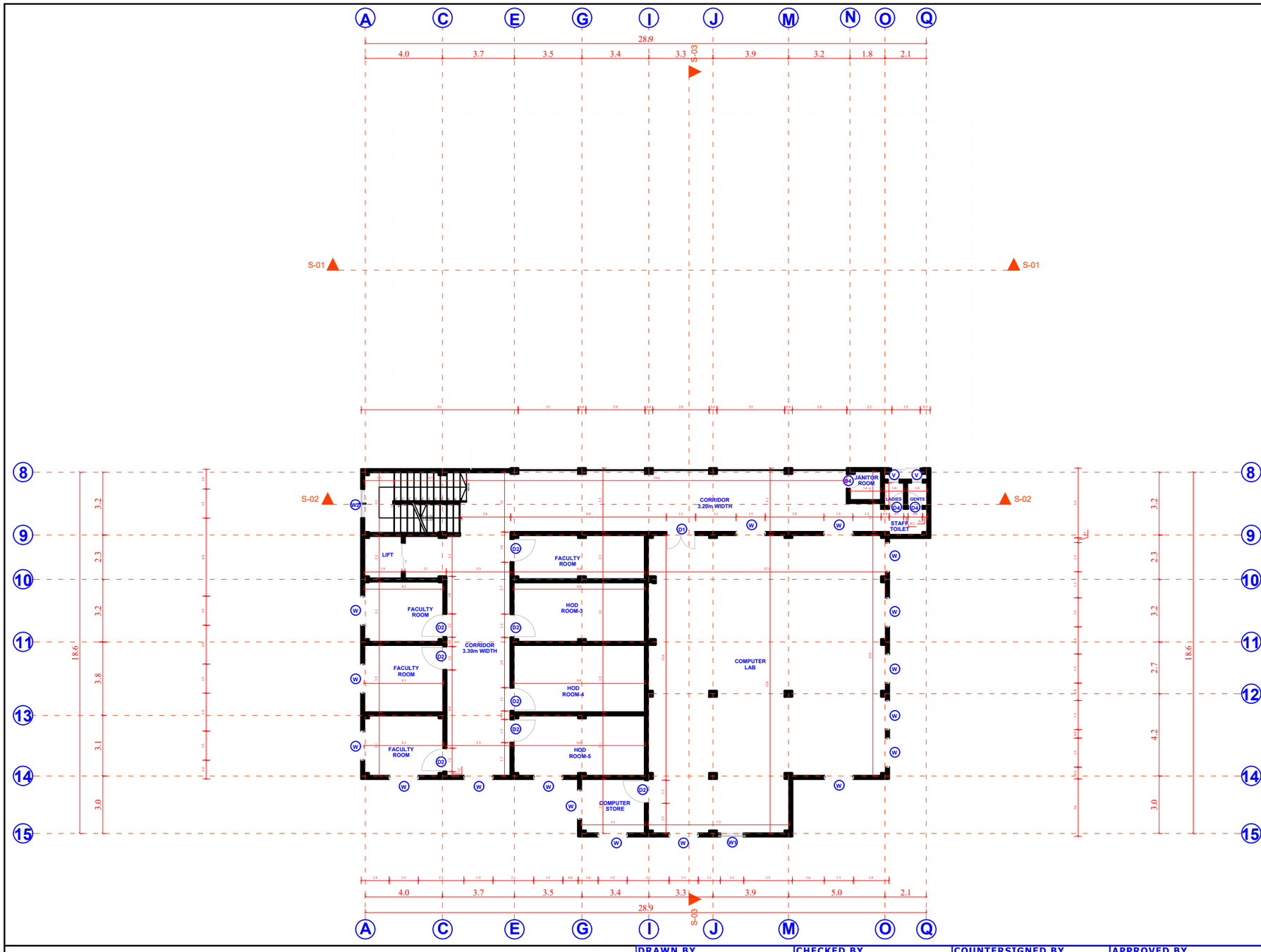
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (4thFLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

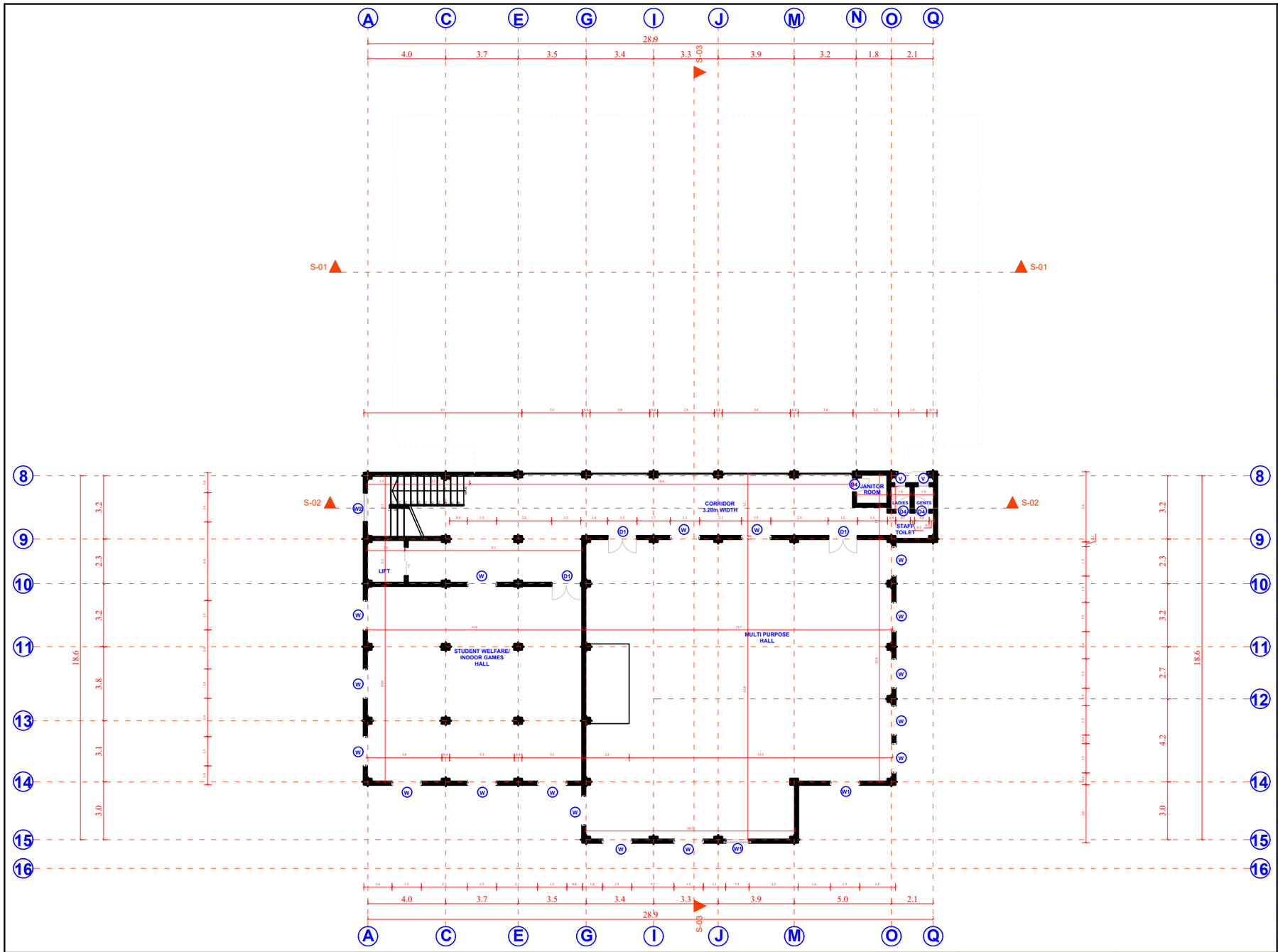
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	DETAILED PLAN (5th FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
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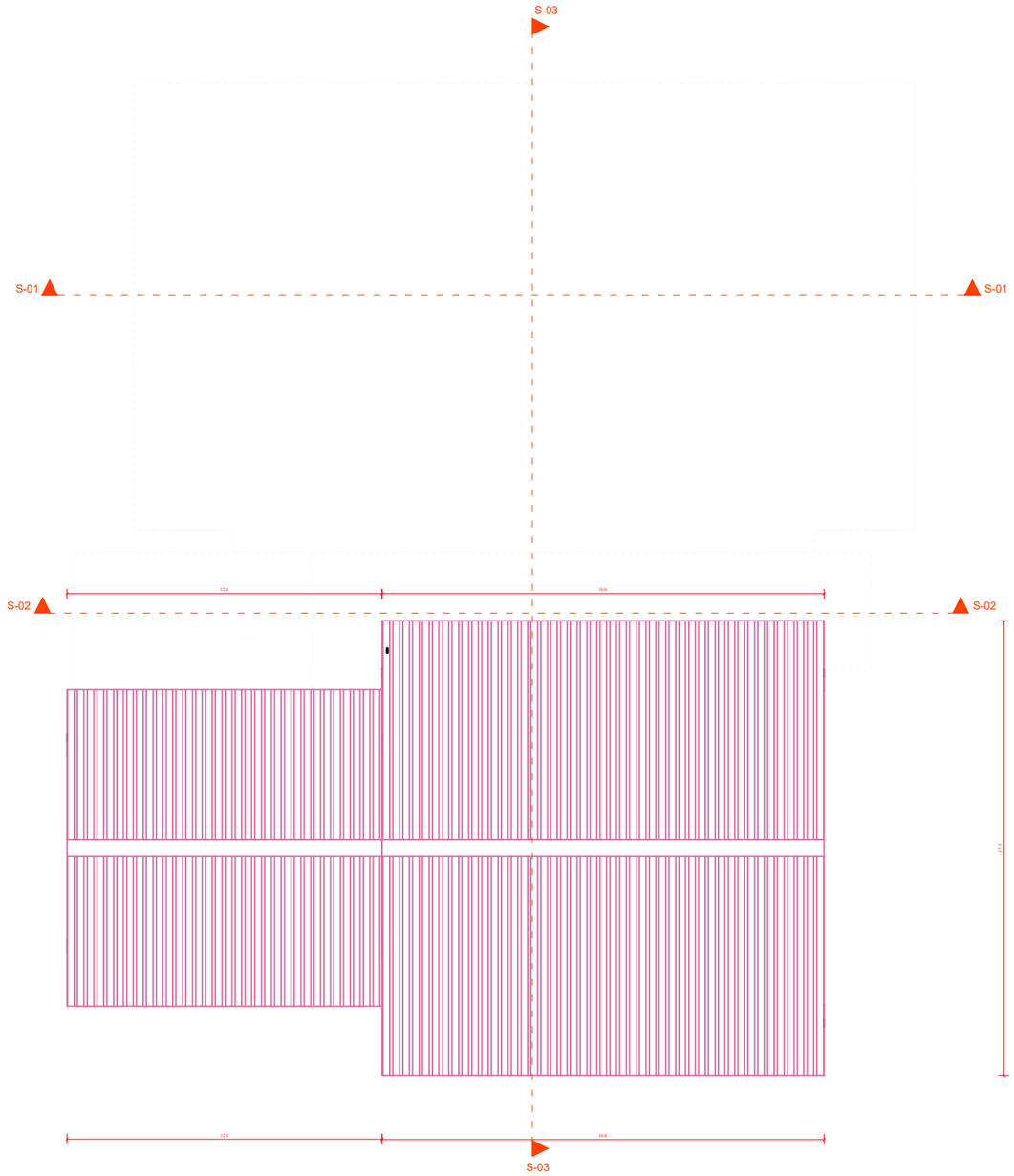

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00
DRAWING DETAILS	
TITLE	DETAILED ROOF PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

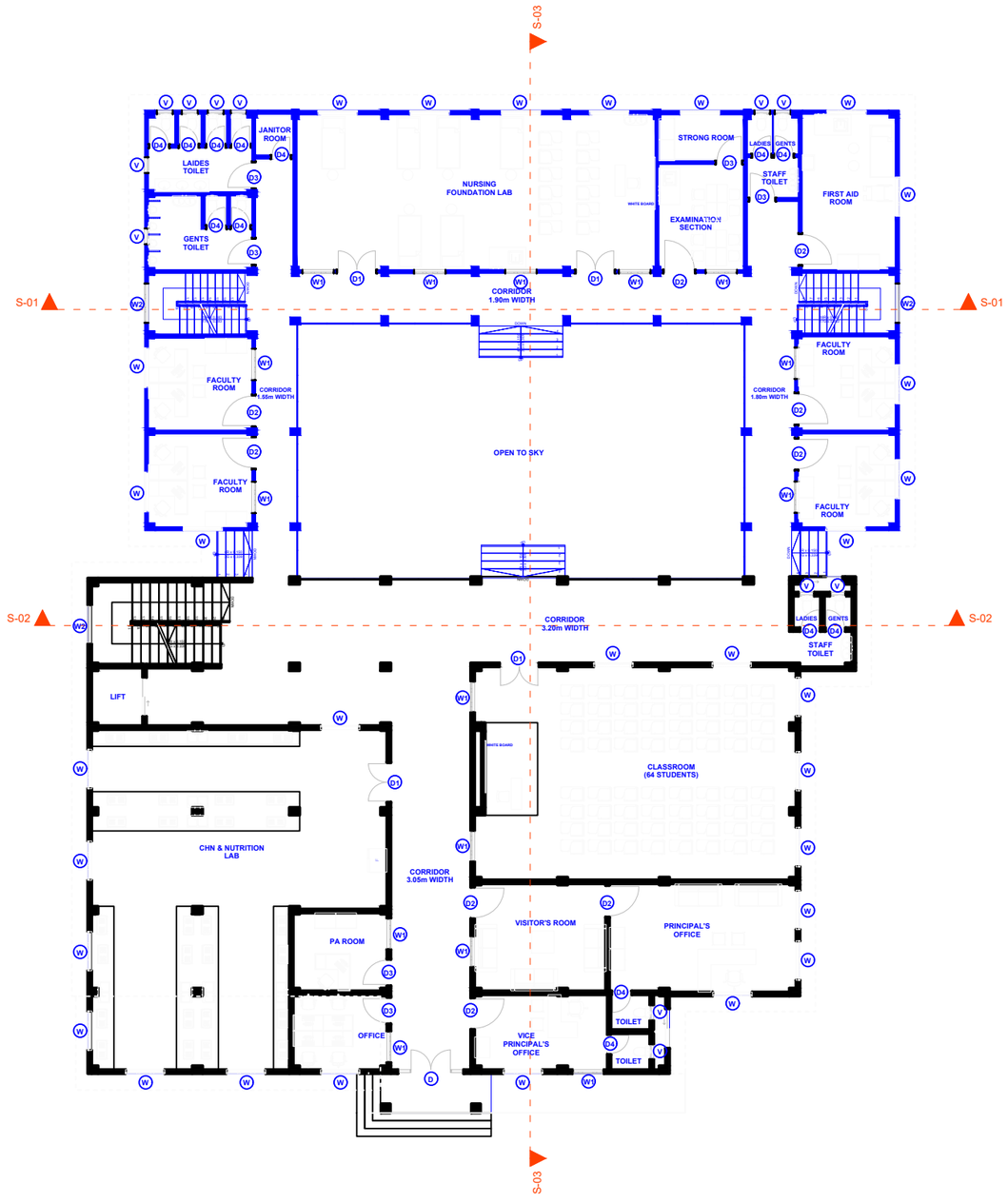
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (GROUND F)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

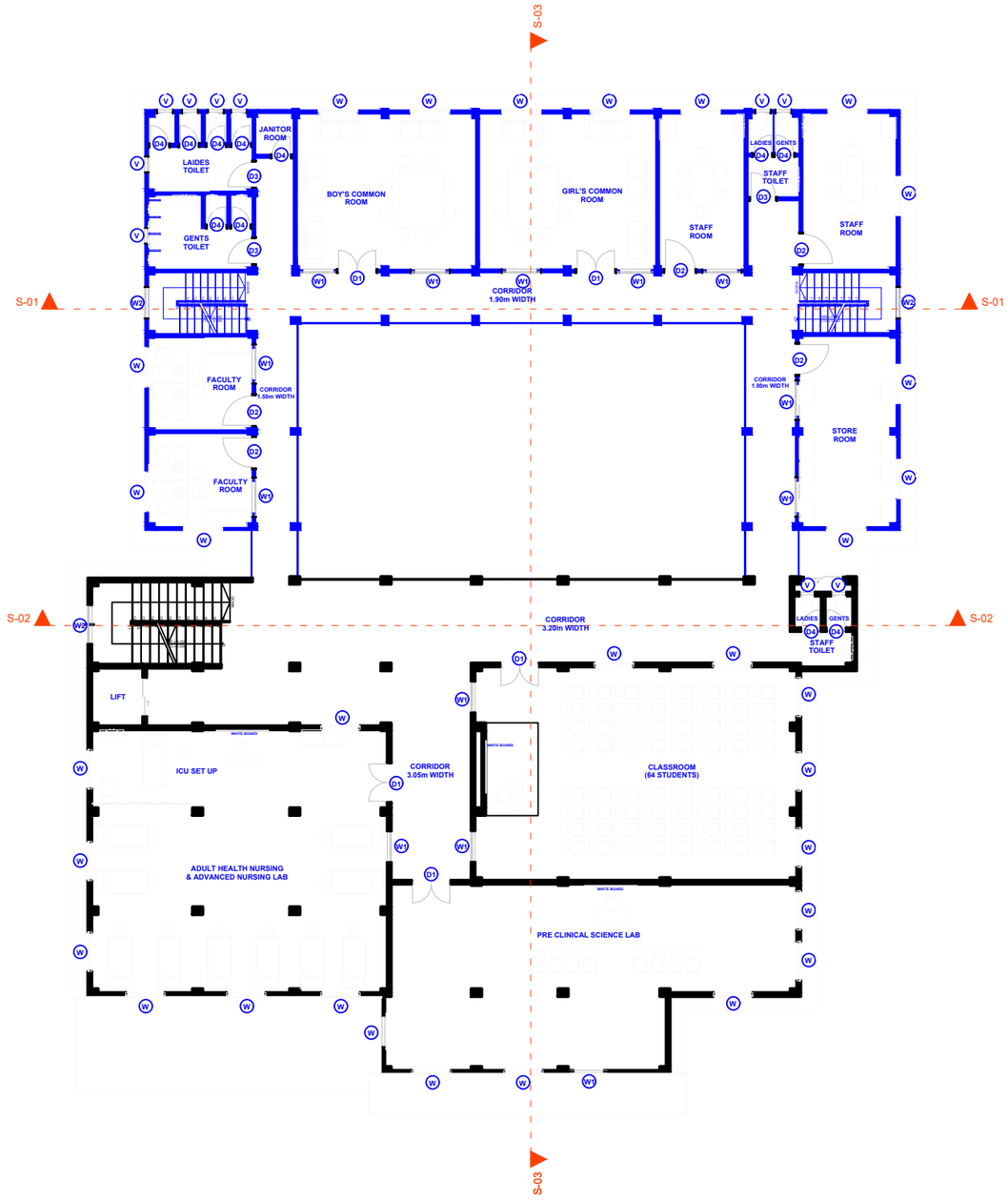
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (1st FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

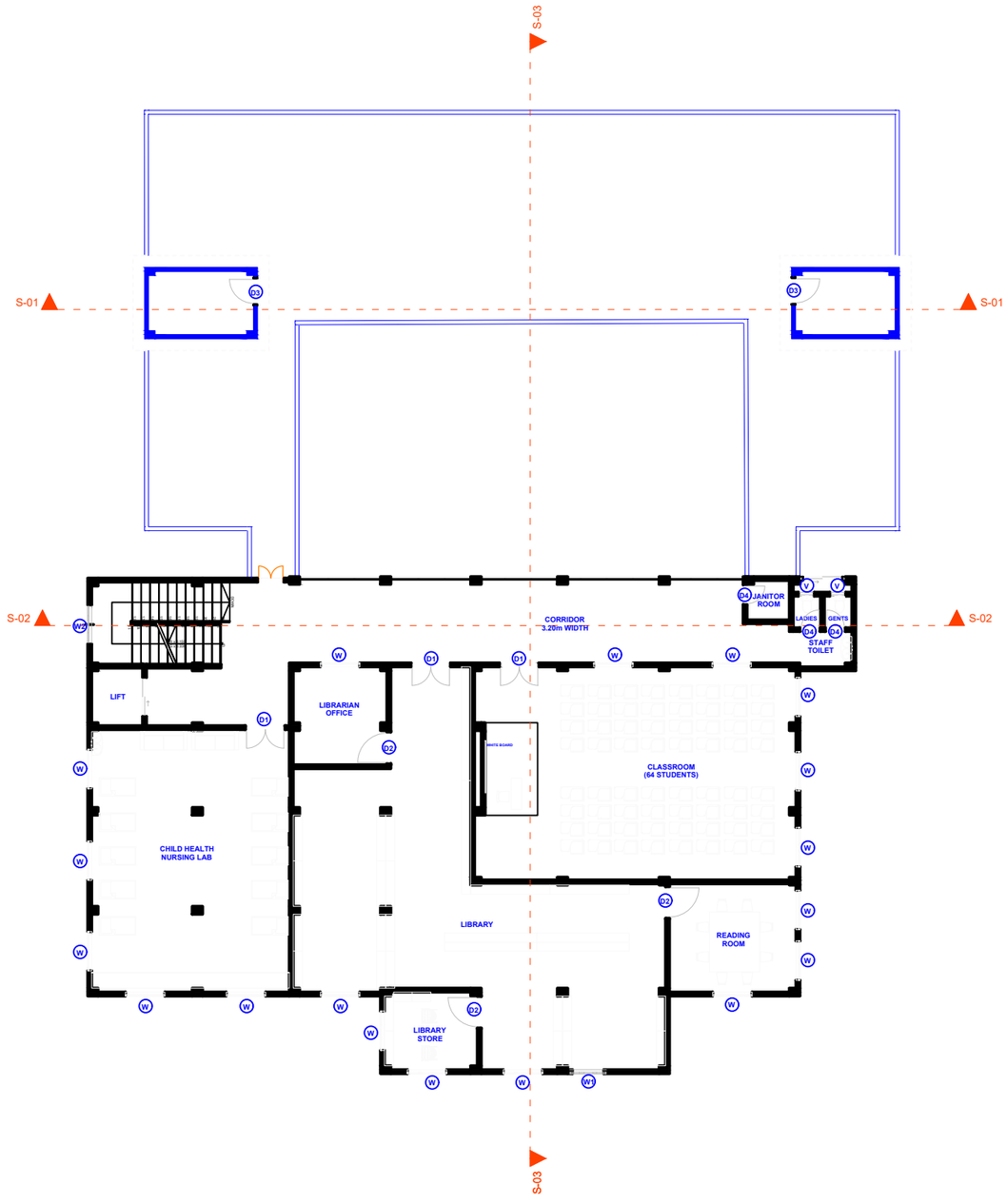
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**EXISTING BUILDING-** GROUND FLOOR-330.00 FIRST FLOOR -330.00 **PROPOSE BUILDING-** GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (2nd FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

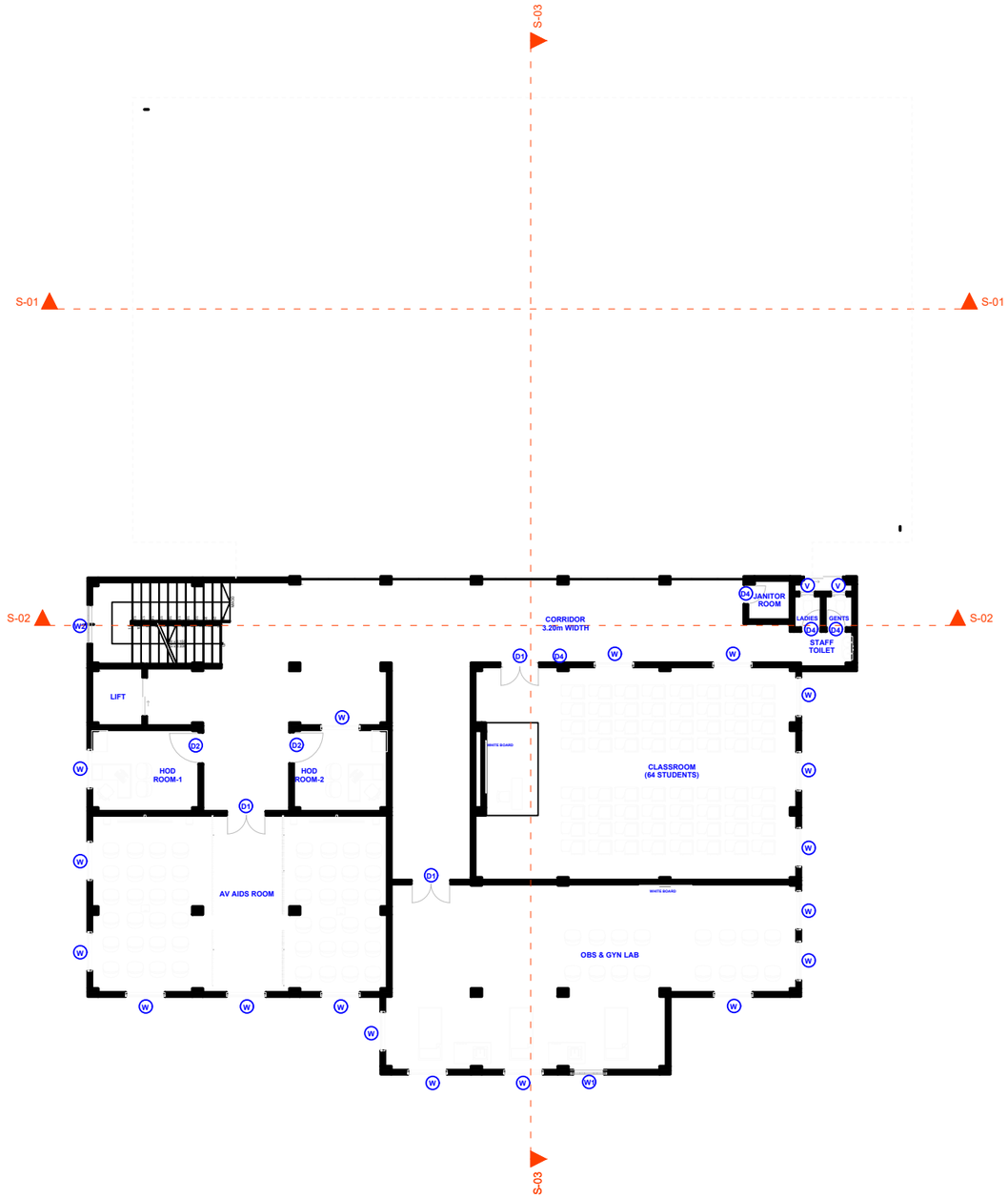
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (3rd FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

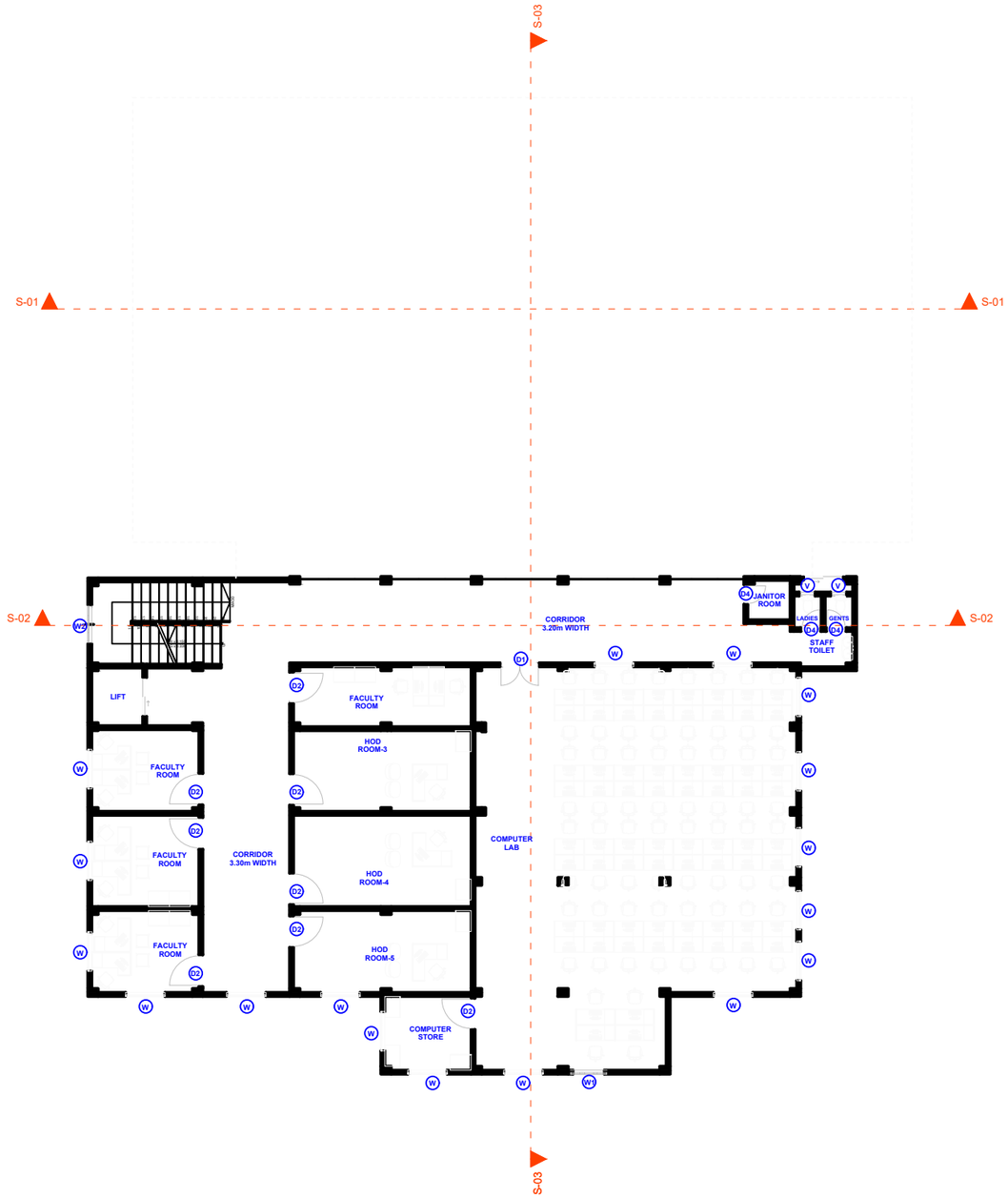
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (4thFLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

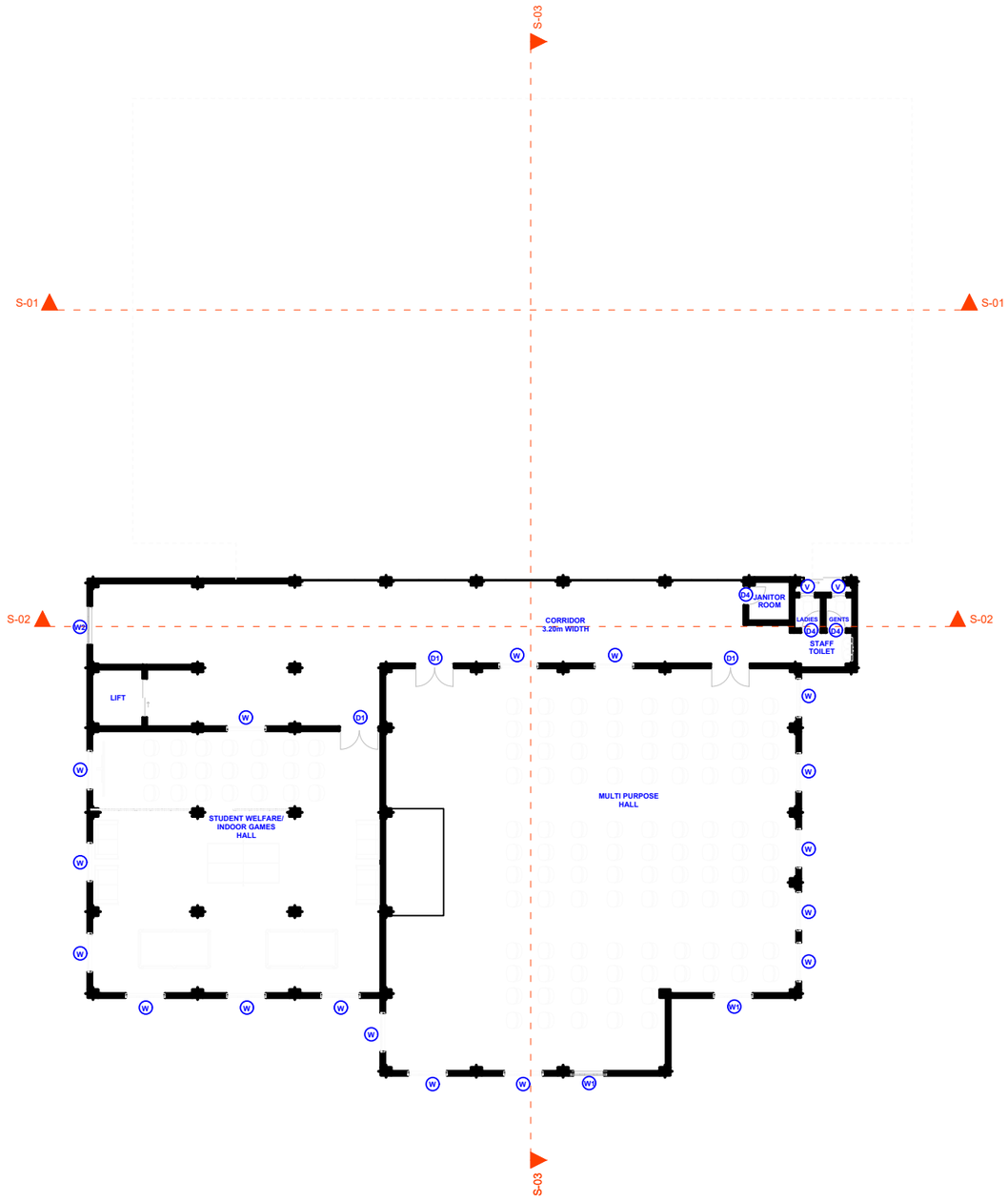
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

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SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FURNITURE PLAN (5th FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	**EXISTING BUILDING-** GROUND FLOOR-330.00 FIRST FLOOR -330.00 **PROPOSE BUILDING-** GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	FRONT ELEVATION
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	**EXISTING BUILDING-** GROUND FLOOR-330.00 FIRST FLOOR -330.00 **PROPOSE BUILDING-** GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	RIGHT ELEVATION
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	**EXISTING BUILDING-** GROUND FLOOR-330.00 FIRST FLOOR -330.00 **PROPOSE BUILDING-** GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	BACK ELEVATION
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	**EXISTING BUILDING-** GROUND FLOOR-330.00 FIRST FLOOR -330.00 **PROPOSE BUILDING-** GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	LEFT ELEVATION
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

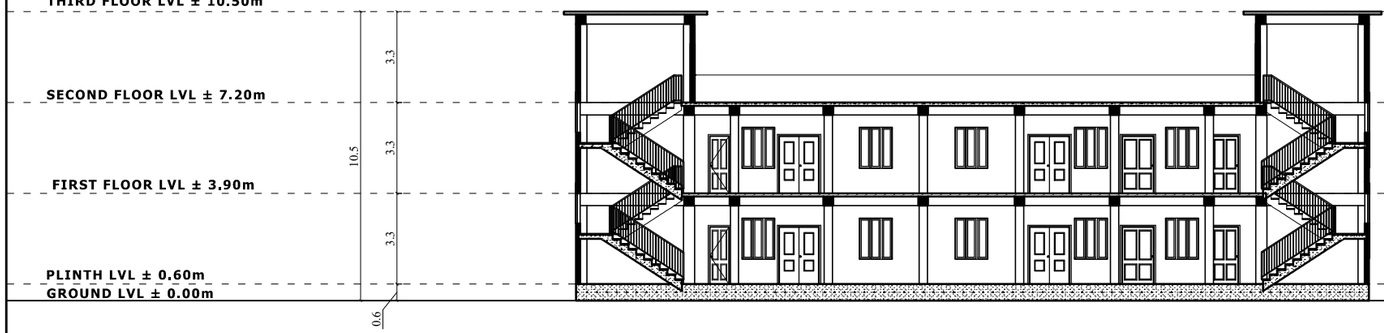
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**EXISTING BUILDING-** **GROUND FLOOR-330.00** **FIRST FLOOR -330.00** **PROPOSE BUILDING-** **GROUND FLOOR-507.00** **FIRST FLOOR -474.00** **SECOND FLOOR -474.00** **THIRD FLOOR -474.00** **FOURTH FLOOR -474.00** **FIFTH FLOOR -474.00**

DRAWING DETAILS

TITLE	SECTION-01
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

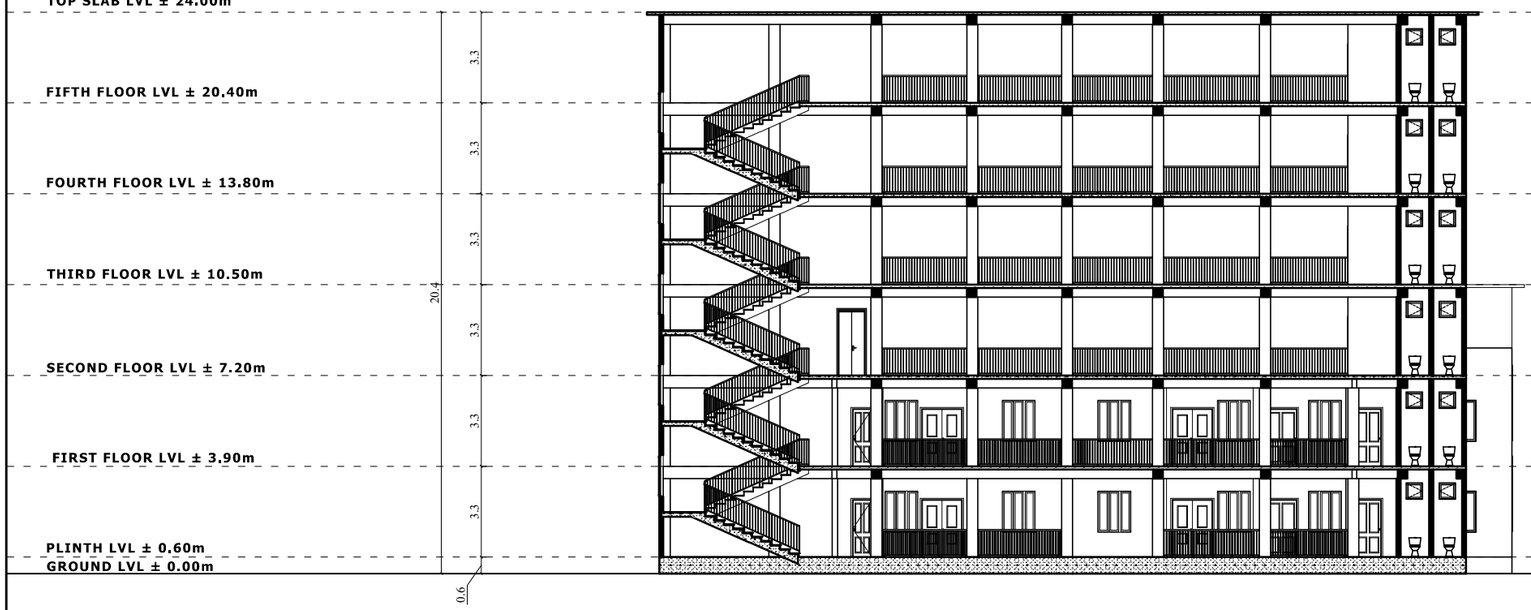
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	SECTION-02
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18,11,2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

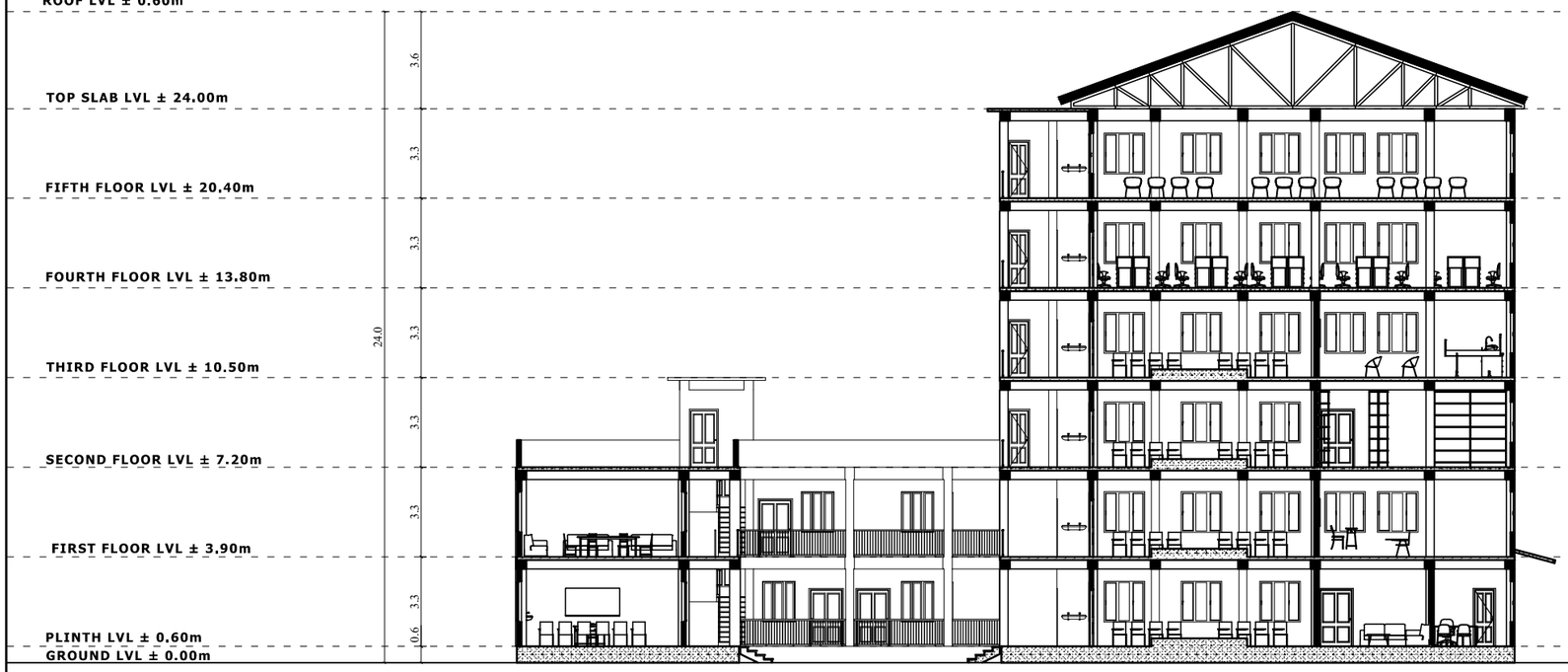
SCHEDULE OF DOORS (in meters)

TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	EXISTING BUILDING- GROUND FLOOR-330.00 FIRST FLOOR -330.00 PROPOSE BUILDING- GROUND FLOOR-507.00 FIRST FLOOR -474.00 SECOND FLOOR -474.00 THIRD FLOOR -474.00 FOURTH FLOOR -474.00 FIFTH FLOOR -474.00

DRAWING DETAILS

TITLE	SECTION-03
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	18.11.2024

SCHEDULE OF OPENINGS (in meters)

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W	1.50 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	132
W1	1.20 X 1.50	0.9	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	31
W2	1.50 X 1.50	0.55	ALUMINIUM DOUBLE LEAF SLIDING WITH GLASS PANELS	18
V	0.60 X 0.60	2.1	ALUMINUM SINGLE LEAF WITH GLASS PANELS	30

SCHEDULE OF DOORS (in meters)

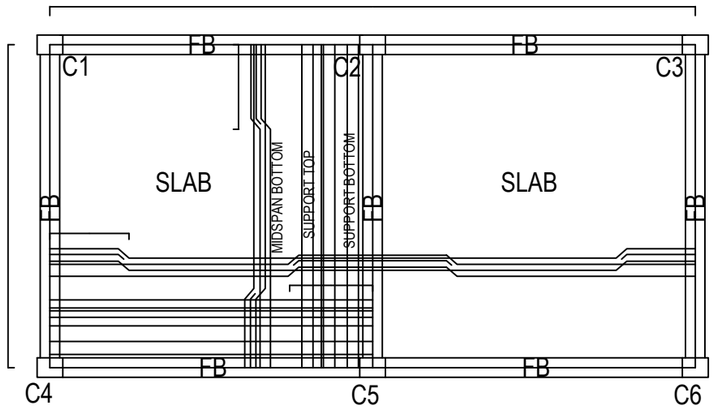
TYPE	W x H	TYPE & MATERIAL	QTY.
D	2.50 X 2.1	UPVC DOUBLE LEAF SWING WITH GLASS PANELS	1
D1	1.50 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	19
D2	1.20 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	27
D3	1.00 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	11
D4	0.75 X 2.1	UPVC SINGLE LEAF SWING WITH GLASS PANELS	36

INTERIOR FINISHES

Sl.No	TYPE	DESCRIPTIONS
1	a	Granite countertop at a depth of 75cm for labs and a height of 90cm from FFL.
2	b	Slip resistance and traction tiles
3	c	Marble flooring for stairs
4	d	Washable paint
5	e	Wall tiles at a ht of 1.2m
6	f	Wall tiles at a ht of 2.1m

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

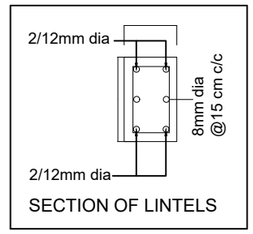
TYPICAL DETAILS OF SLAB



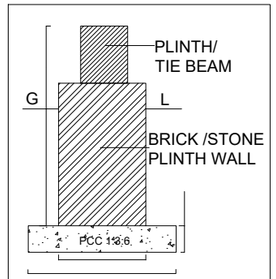
TYPICAL PLAN

TABLE OF SLAB REINFORCEMENT

Slab name	Thickness	x- direction				Y- direction			
		At Midspan		At Support		At Midspan		At Support	
		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
SLAB OR DROP SLAB @ FIRST,SECOND & TERRACE FLOOR LEVEL	12.5CM	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c
CANT SLAB OR CANT DROP SLAB @ FIRST, SECOND & TERRACE FLOOR LEVEL	10CM	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c



SECTION OF LINTELS



SECTION OF PLINTH WALL

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

SITE DETAILS	
LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**EXISTING BUILDING-** **GROUND FLOOR-330.00** **FIRST FLOOR -330.00** **PROPOSE BUILDING-** **GROUND FLOOR-507.00** **FIRST FLOOR -474.00** **SECOND FLOOR -474.00** **THIRD FLOOR -474.00** **FOURTH FLOOR -474.00** **FIFTH FLOOR -474.00**
DRAWING DETAILS	
TITLE	**PLINTH WALL& SLAB DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

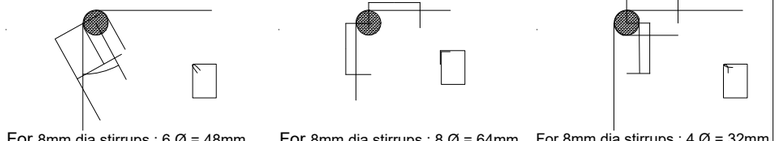
A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

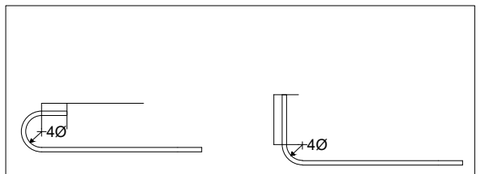
12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

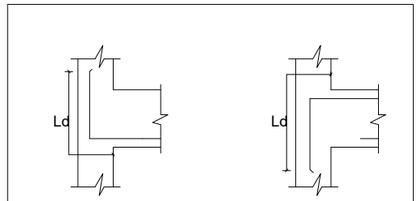
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K. MARAK JE, MHSSP	**FRANKIE BIAM HEM, MHSSP**	**R. WANNIANG EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS) MISSION DIRECTOR, NHM**



TYPICAL WAYS OF ANCHORING ENDS OF STIRRUPS IN BEAMS AND COLUMNS



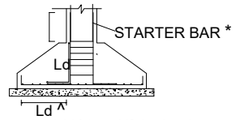
STANDARD HOOK AND BEND



DEVELOPMENT LENGTH 'Ld' FOR BEAM AND SLAB

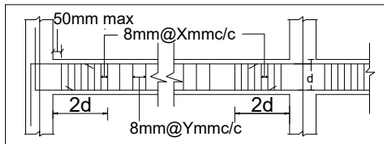
DEVELOPMENT LENGTH 'Ld' for *Deformed Bars*

Bar Diameter (mm)	'Ld' for Grade of Concrete (cm)		
	M15	M20	M25
6	33.8	28.2	24.2
8	45.1	37.6	32.2
10	56.4	47.0	40.3
12	67.7	56.4	48.4
16	90.3	75.2	64.5
20	112.8	94.0	80.6
25	141.0	117.5	100.7



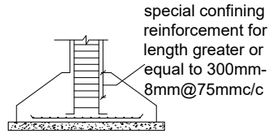
^ -Provide standard 90° bend if the bar is required to bent upward to get the required development length
* -Use of starter bars or continous bars depends upon the distance between the ground floor level and the level of foundation

DEVELOPMENT LENGTH 'Ld' of COLUMN FOOTING

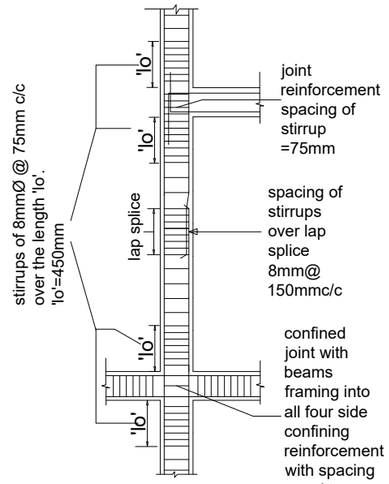


NOTE:d is the effective depth of beams
NOTE:X is variable and is as per detailing
NOTE:y is variable and is as per detailing

BEAM REINFORCEMENT



PROVISION OF SPECIALCONFINING REINFORCEMENT IN FOOTING



COLUMN AND JOINT DETAILING

TYPICAL DRAWING AND DETAILS SPACING OF REINFORCEMENT FOR BEAMS,COLUMNS &FOOTING AS PER IS 13920:1993

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

SITE DETAILS	
LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**EXISTING BUILDING-** **GROUND FLOOR-330.00** **FIRST FLOOR -330.00** **PROPOSE BUILDING-** **GROUND FLOOR-507.00** **FIRST FLOOR -474.00** **SECOND FLOOR -474.00** **THIRD FLOOR -474.00** **FOURTH FLOOR -474.00** **FIFTH FLOOR -474.00**

DRAWING DETAILS	
TITLE	**STRUCTURAL SPECIFICTION**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

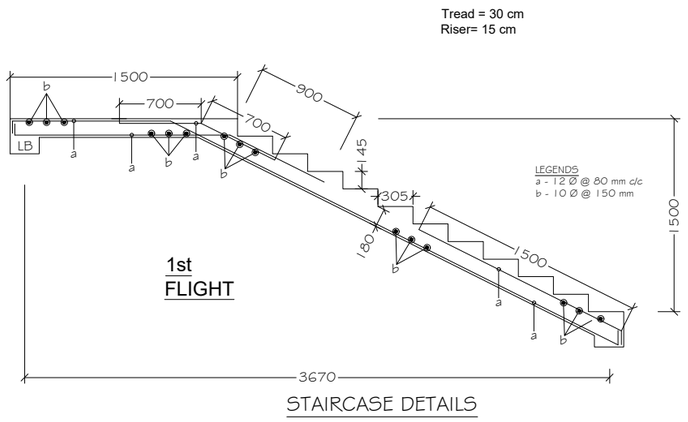
B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

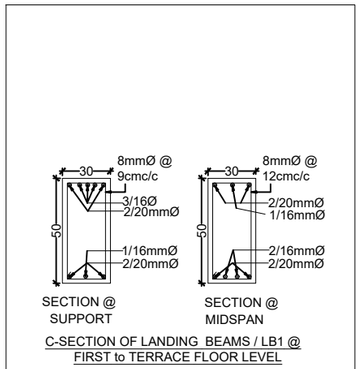
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	**CHECKED BY**	**COUNTERSIGNED BY**	**APPROVED BY**
	GARRY WEGARA K. MARAK JE, MHSSP	**FRANKIE BIAM HEM, MHSSP**	**R. WANNIANG EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS) MISSION DIRECTOR, NHM**

DETAILS OF STAIRCASE (ST - 01)



STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL

STAIRCASE -1

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K. MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**NONGPOH, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A)	FOOTING	: 50 MM
B)	BEAM	: 25 MM
C)	SLAB	: 20 MM
D)	COLUMN	: 40 MM
E)	STAIRCASE SLAB	: 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
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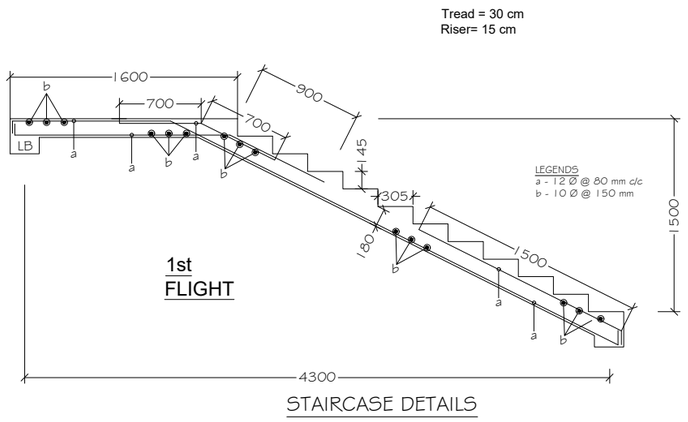
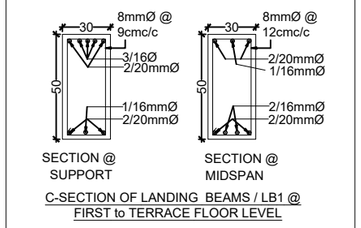
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

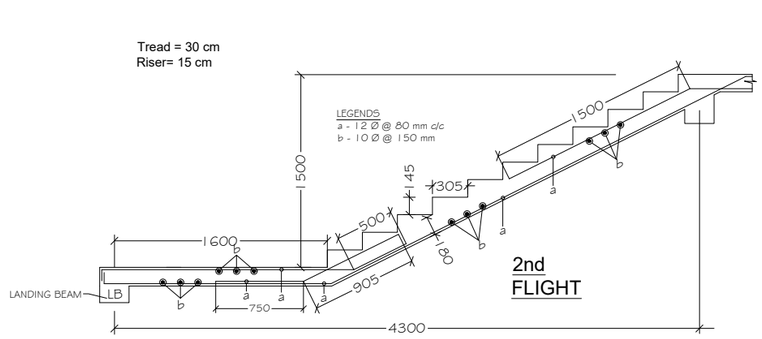
DETAILS OF STAIRCASE (ST - 02)



STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL



STAIRCASE -2

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**NONGPOH, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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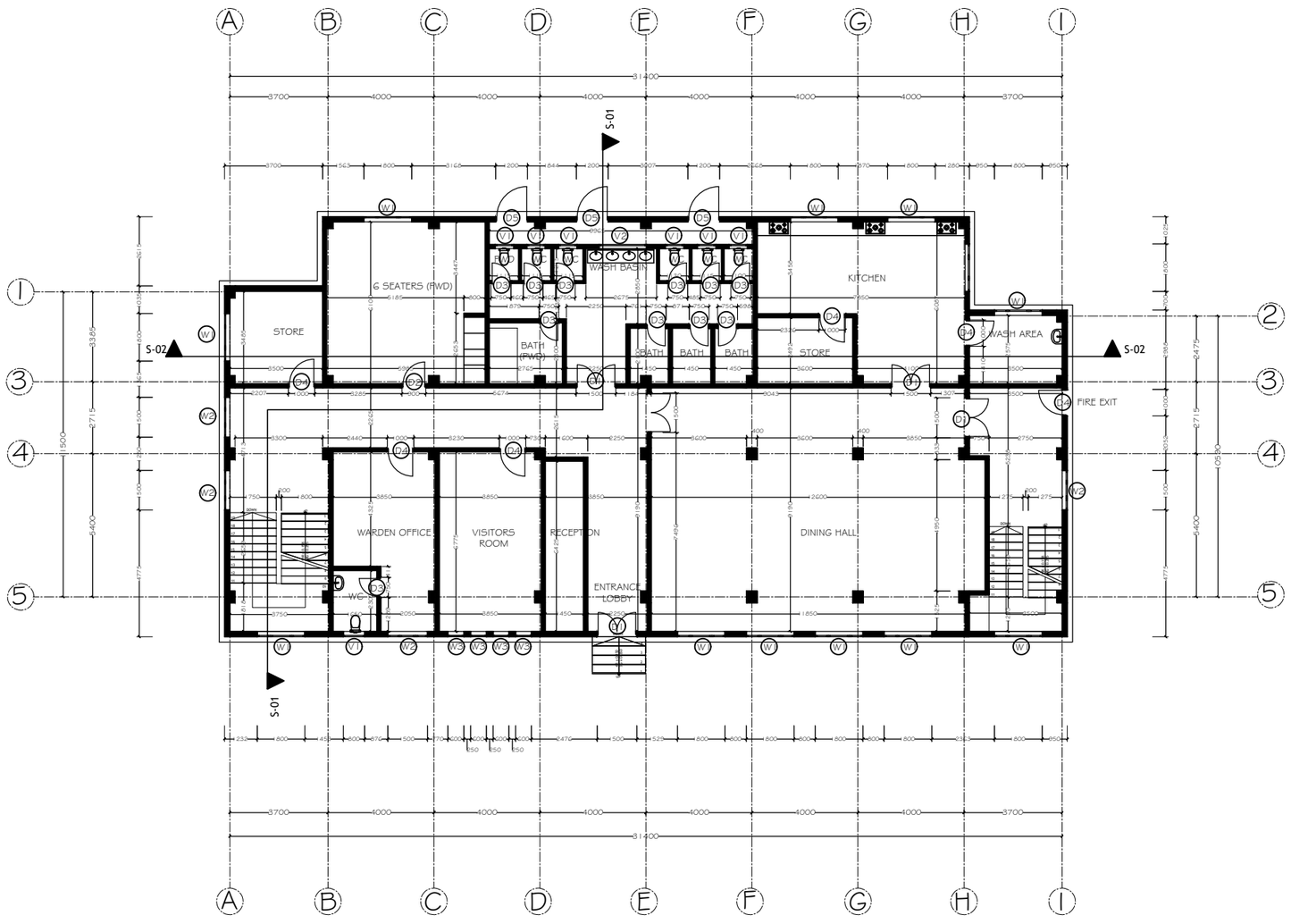
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K. MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	GROUND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	50
W2	1.5x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	16
W3	0.6x2.0	0.3	UPVC SINGLE SASHFIXED WINDOWS	4
W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
V1	0.6X0.40	1.8	UPVC AWNING WINDOWS	25
V2	1.8x0.5	1.7	UPVC AWNING WINDOWS	4

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	11
D2	0.9x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	29
D3	0.75X2.1	UPVC SINGLE LEAF SWING DOOR	44
D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

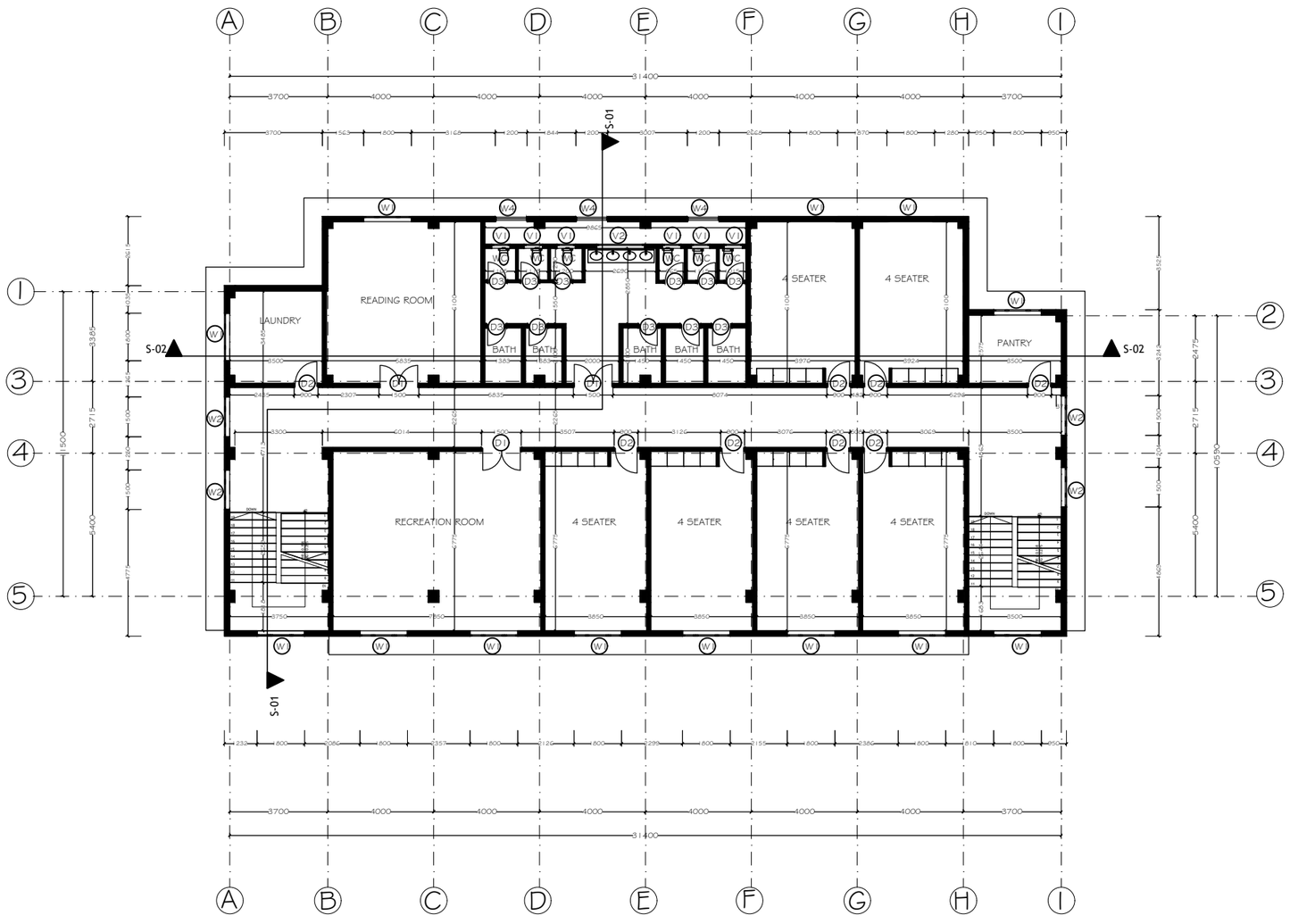
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	FIRST FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	50
W2	1.5x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	16
W3	0.6x2.0	0.3	UPVC SINGLE SASHFIXED WINDOWS	4
W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
V1	0.6X0.40	1.8	UPVC AWNING WINDOWS	25
V2	1.8x0.5	1.7	UPVC AWNING WINDOWS	4

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	11
D2	0.9x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	29
D3	0.75X2.1	UPVC SINGLE LEAF SWING DOOR	44
D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

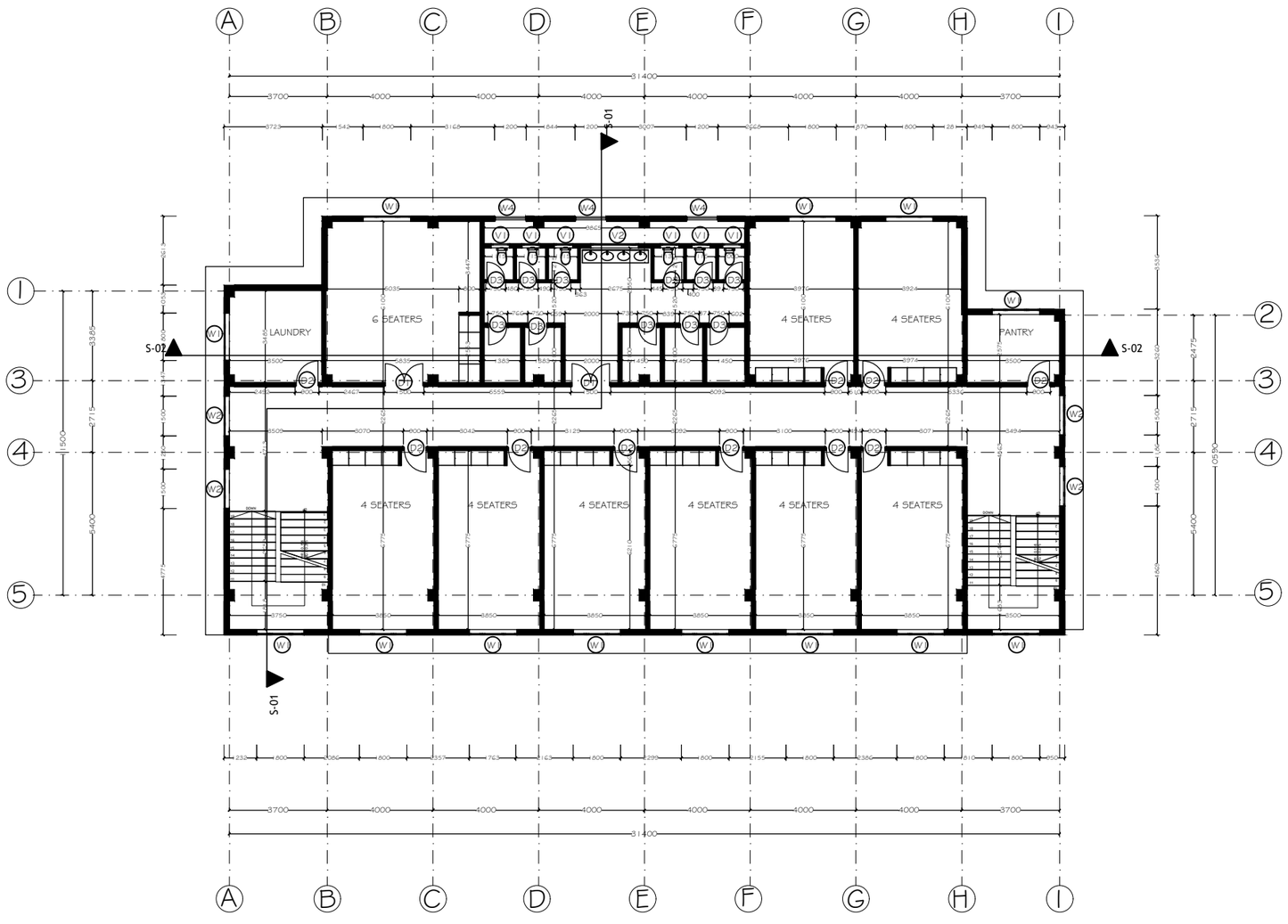
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	2nd + 3rd FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	50
W2	1.5x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	16
W3	0.6x2.0	0.3	UPVC SINGLE SASHFIXED WINDOWS	4
W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
V1	0.6X0.40	1.8	UPVC AWNING WINDOWS	25
V2	1.8x0.5	1.7	UPVC AWNING WINDOWS	4

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	11
D2	0.9x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	29
D3	0.75X2.1	UPVC SINGLE LEAF SWING DOOR	44
D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

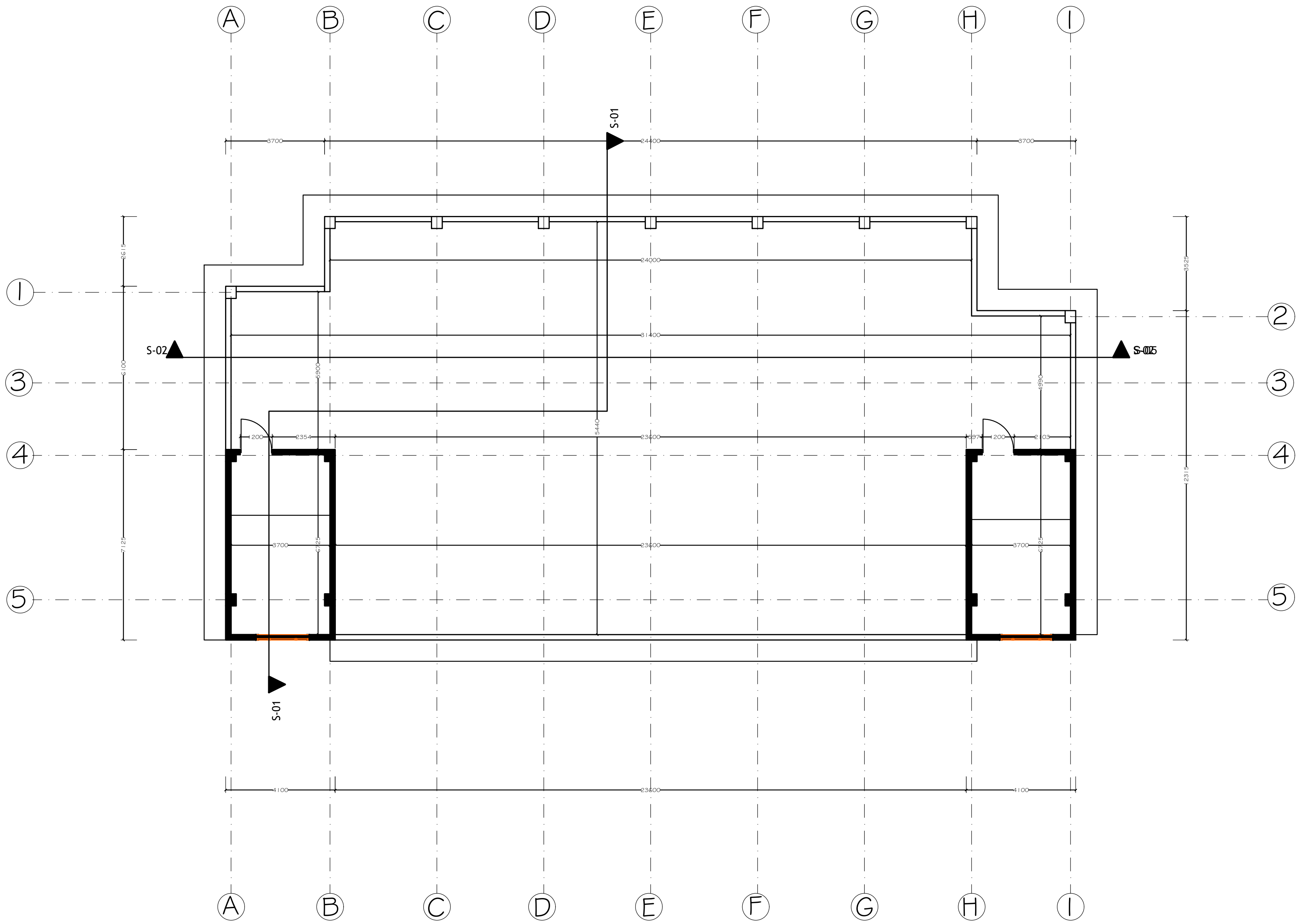
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	TERRACE PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	50
W2	1.5x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	16
W3	0.6x2.0	0.3	UPVC SINGLE SASHFIXED WINDOWS	4
W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
V1	0.6X0.40	1.8	UPVC AWNING WINDOWS	25
V2	1.8x0.5	1.7	UPVC AWNING WINDOWS	4

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	11
D2	0.9x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	29
D3	0.75X2.1	UPVC SINGLE LEAF SWING DOOR	44
D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

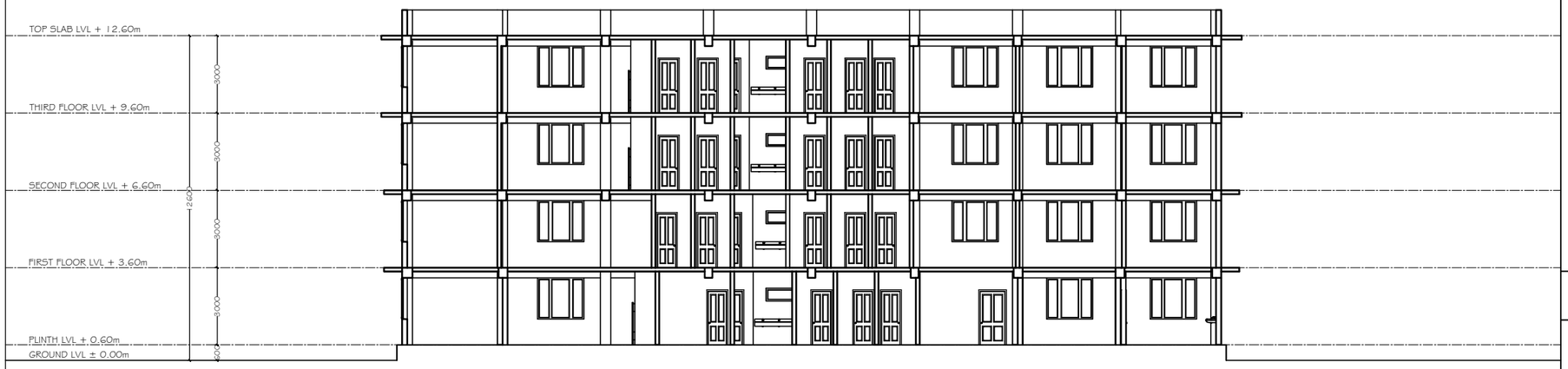
DWG NO: A/1.1

MILLIMETER-

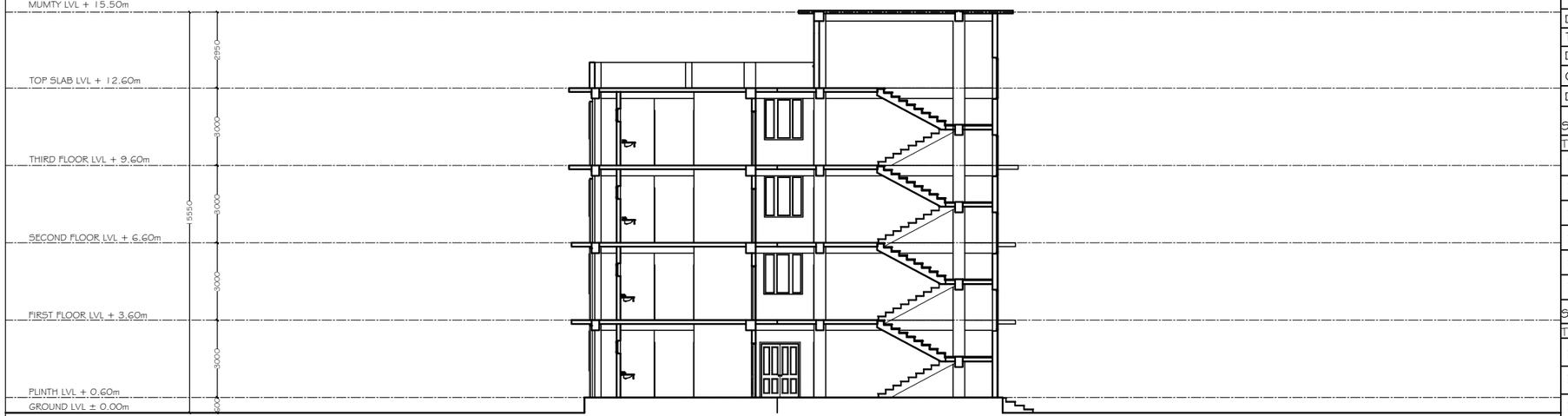
SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



SECTION S-02



SECTION S-01

NOTES

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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	SECTION ELEVATIONS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	50
W2	1.5x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	16
W3	0.6x2.0	0.3	UPVC SINGLE SASHFIXED WINDOWS	4
W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
V1	0.6X0.40	1.8	UPVC AWNING WINDOWS	25
V2	1.8x0.5	1.7	UPVC AWNING WINDOWS	4

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	11
D2	0.9x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	29
D3	0.75X2.1	UPVC SINGLE LEAF SWING DOOR	44
D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

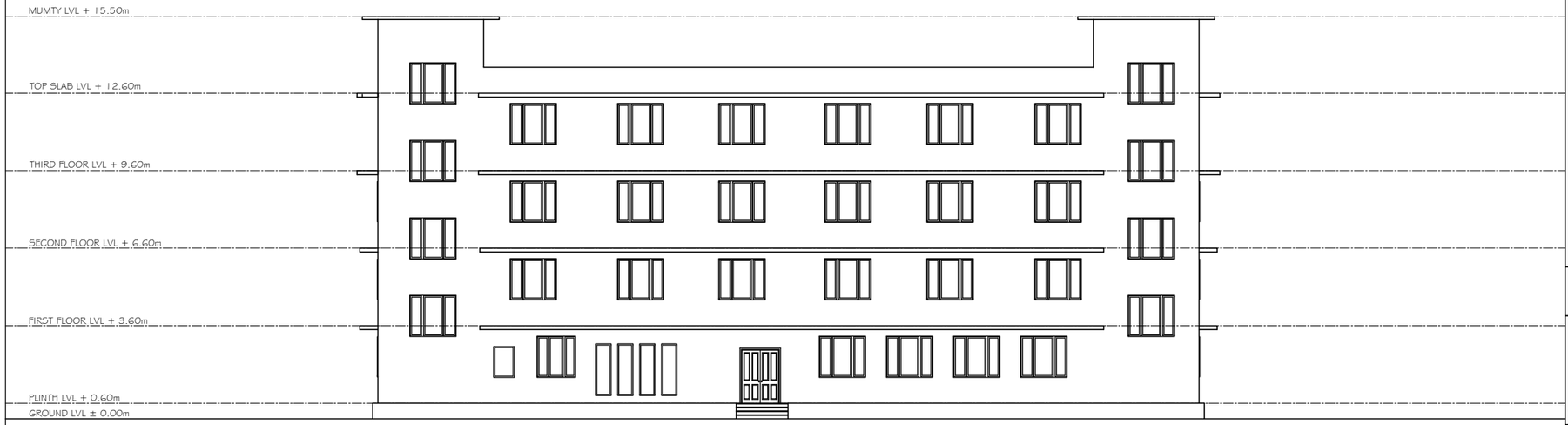
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

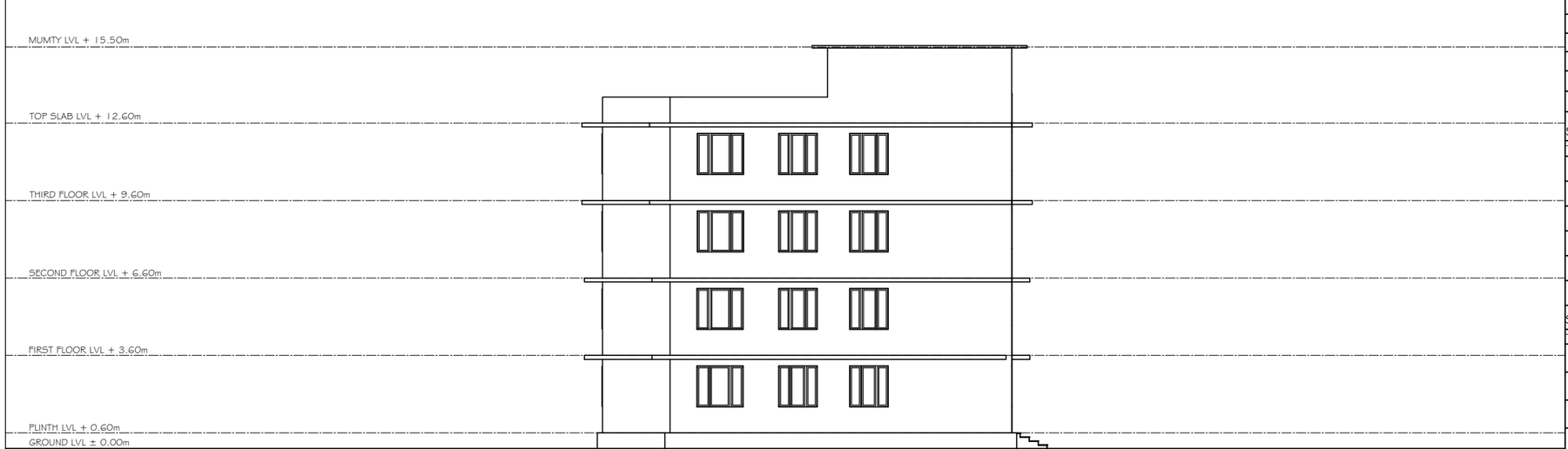
DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3





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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	ELEVATIONS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
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W4	1.2x2.0	0.3	UPVC DOUBLE CASEMENT WINDOWS	9
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D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
D5	1.2x2.1	UPVC SINGLE LEAF SWING DOOR	3

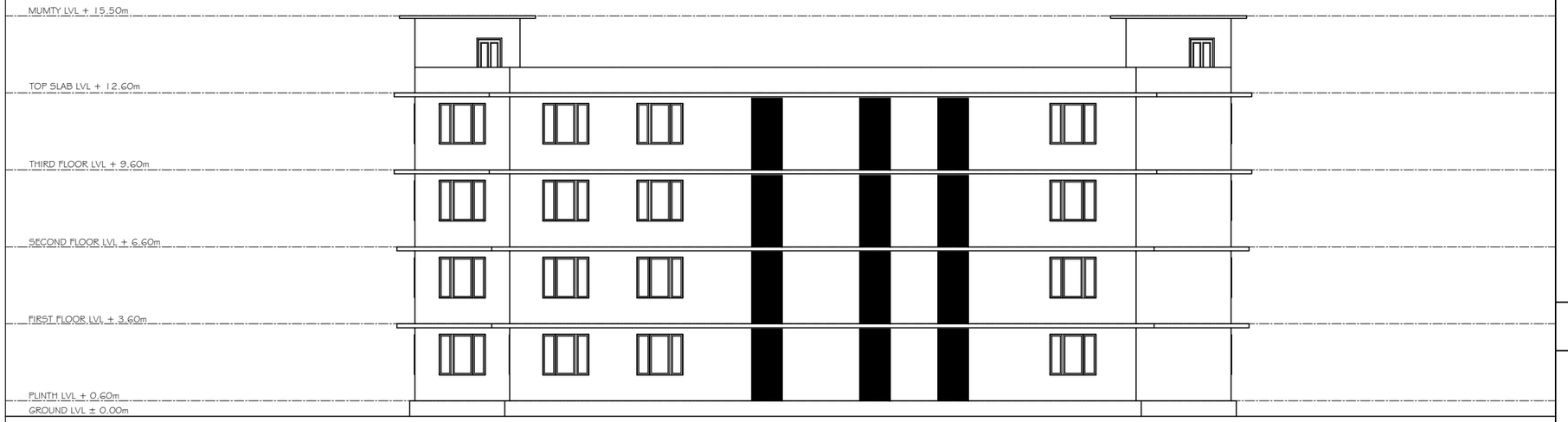
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

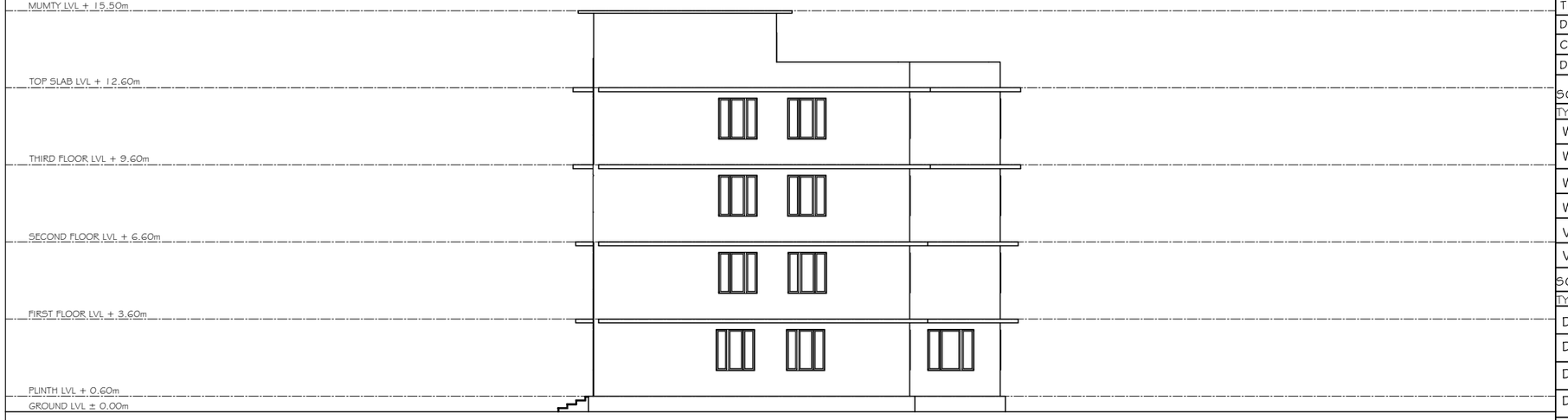
DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3





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PROJECT TITLE:

NURSING HOSTEL BLOCK

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 480.99 FIRST FLOOR - 480.99 SECOND FLOOR - 480.99 THIRD FLOOR - 480.99

DRAWING DETAILS:

TITLE	ELEVATIONS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

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D4	1.0x2.1	UPVC SINGLE LEAF SWING DOOR	6
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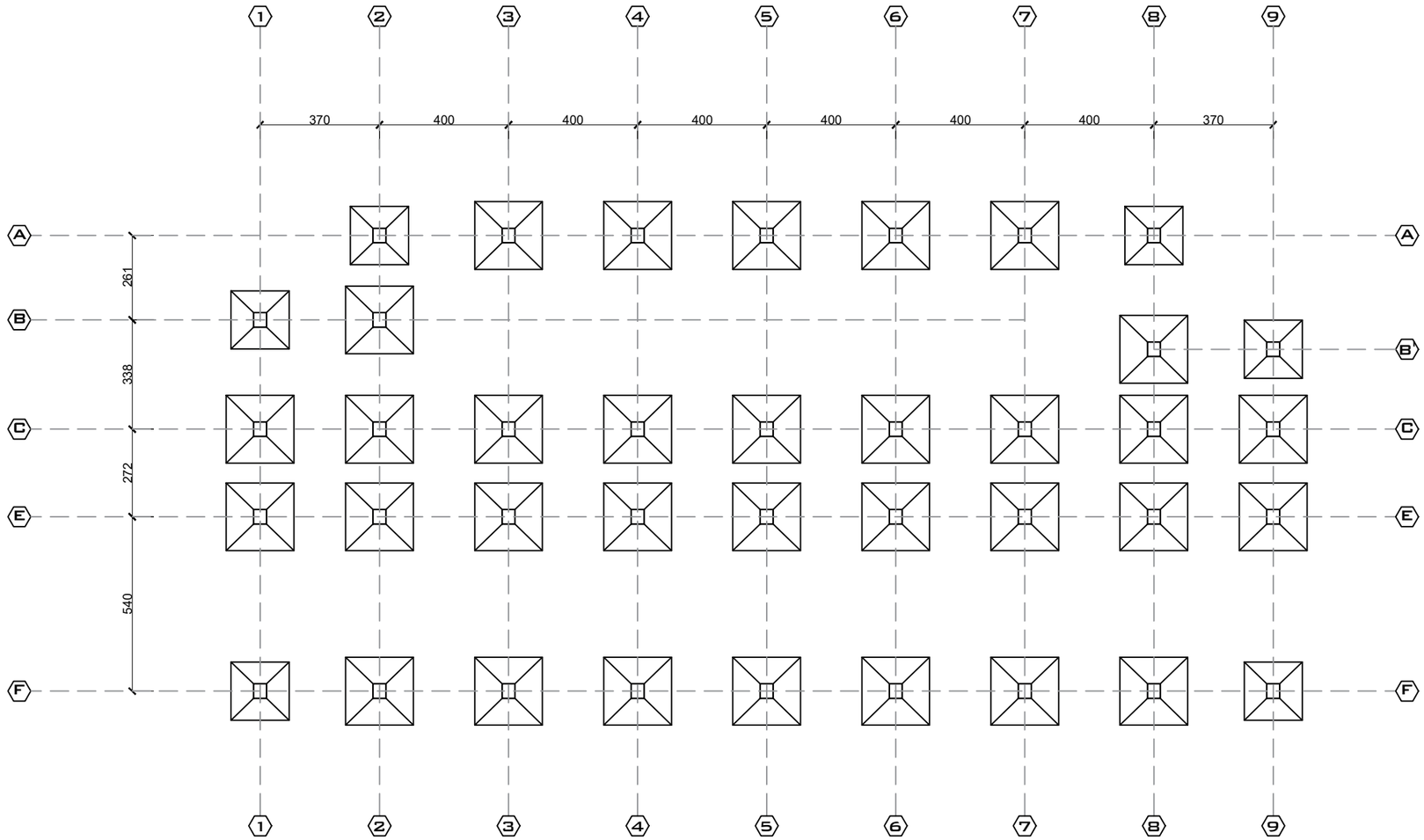
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

SHEET SIZE:
A3



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 1310** **FIRST FLOOR - 1158** **SECOND FLOOR - 1020**

DRAWING DETAILS

TITLE	**FOOTING PLAN**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

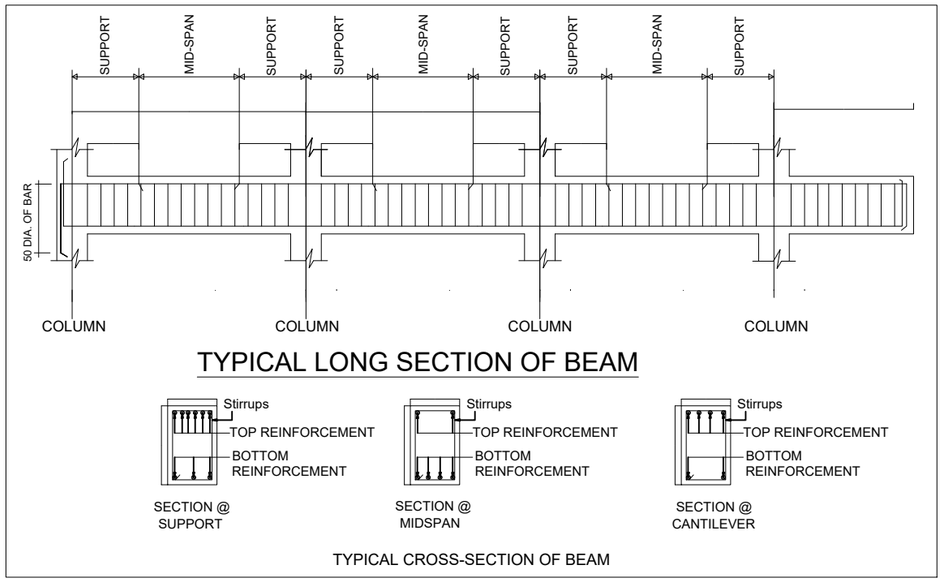
A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

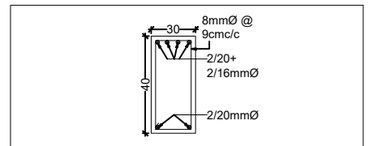
B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

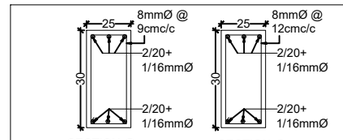
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

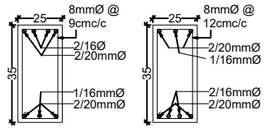




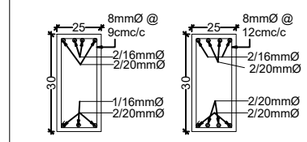
C-SECTION OF CANTILEVER BEAMS (CB) @ FIRST & TERRACE FLOOR LEVEL



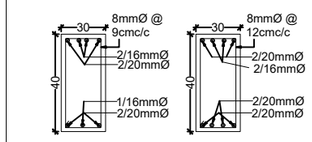
C-SECTION OF ALL TIE BEAMS (Plinth/Tie BEam) @ GROUND FLOOR LEVEL



C-SECTION OF LANDING BEAMS / LB1 @ FIRST to TERRACE FLOOR LEVEL



C-SECTION OF FLOOR BEAMS / FB1 @ FIRST to TERRACE FLOOR LEVEL



C-SECTION OF FLOOR BEAMS / FB2 @ FIRST to TERRACE FLOOR LEVEL

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PROJECT TITLE

HOSTEL BLOCK

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 472.35** **FIRST FLOOR - 336.43** **2nd & 3rd FLOOR - 361.41**

DRAWING DETAILS

TITLE	**TYPICAL LONGSECTION OF BEAM, BEAMS SECTION OF ALL FLOORS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

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5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

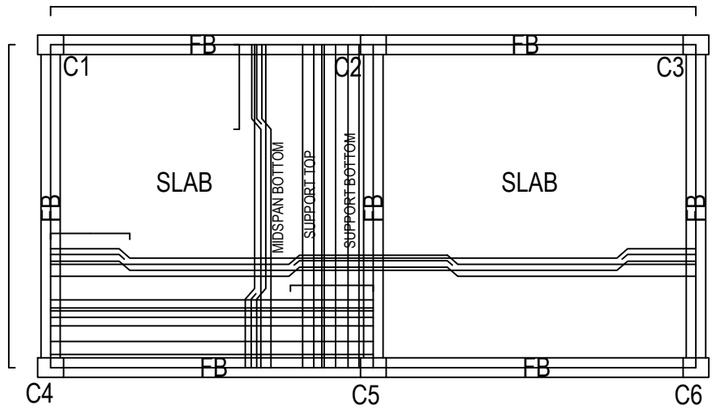
B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

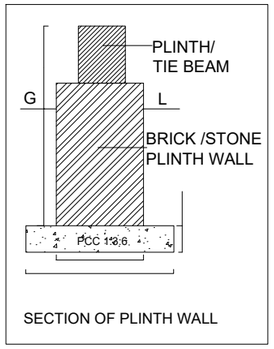
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

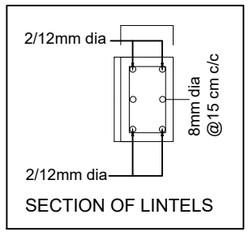
TYPICAL DETAILS OF SLAB



TYPICAL PLAN



SECTION OF PLINTH WALL



SECTION OF LINTELS

TABLE OF SLAB REINFORCEMENT

Slab Name	Thickness	x- direction				Y- direction			
		At Midspan		At Support		At Midspan		At Support	
		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
SLAB OR DROP SLAB @ FIRST,SECOND & TERRACE FLOOR LEVEL	12.5 CM	Nil	10 mm dia bar @ 12 cm c/c	12 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	Nil	10 mm dia bar @ 12 cm c/c	12 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c
CANT SLAB OR CANT DROP SLAB @ FIRST, SECOND & TERRACE FLOOR LEVEL	12.5 CM	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c

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PROJECT TITLE

HOSTEL BLOCK

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 472.35** **FIRST FLOOR - 336.43** **2nd & 3rd FLOOR - 361.41**

DRAWING DETAILS

TITLE	**PLINTH WALL& SLAB DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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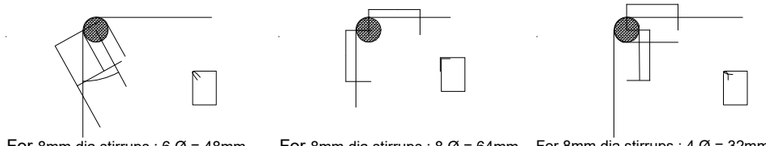
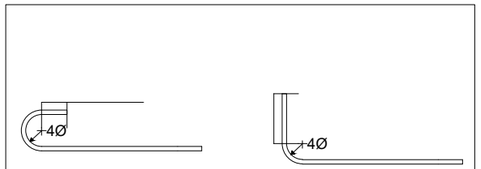
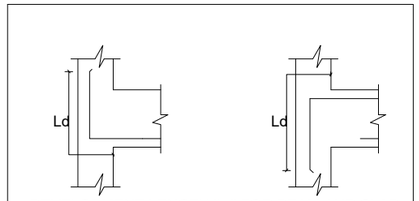


TYPICAL WAYS OF ANCHORING ENDS OF STIRRUPS IN BEAMS AND COLUMNS



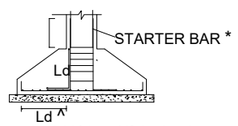
STANDARD HOOK AND BEND



DEVELOPMENT LENGTH 'Ld' FOR BEAM AND SLAB

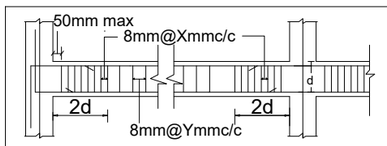
DEVELOPMENT LENGTH 'Ld' for *Deformed Bars*

Bar Diameter (mm)	'Ld' for Grade of Concrete (cm)		
	M15	M20	M25
6	33.8	28.2	24.2
8	45.1	37.6	32.2
10	56.4	47.0	40.3
12	67.7	56.4	48.4
16	90.3	75.2	64.5
20	112.8	94.0	80.6
25	141.0	117.5	100.7



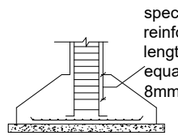
^ -Provide standard 90° bend if the bar is required to bent upward to get the required development length
* -Use of starter bars or continous bars depends upon the distance between the ground floor level and the level of foundation

DEVELOPMENT LENGTH 'Ld' of COLUMN FOOTING

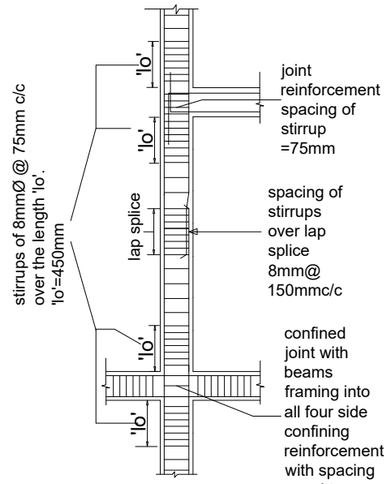


NOTE:d is the effective depth of beams
NOTE:X is variable and is as per detailing
NOTE:y is variable and is as per detailing

BEAM REINFORCEMENT



PROVISION OF SPECIALCONFINING REINFORCEMENT IN FOOTING



COLUMN AND JOINT DETAILING

TYPICAL DRAWING AND DETAILS
SPACING OF REINFORCEMENT
FOR BEAMS,COLUMNS &FOOTING AS PER
IS 13920:1993

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PROJECT TITLE

HOSTEL BLOCK

N

SITE DETAILS

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DRAWING DETAILS

TITLE	**STRUCTURAL SPECIFICATION**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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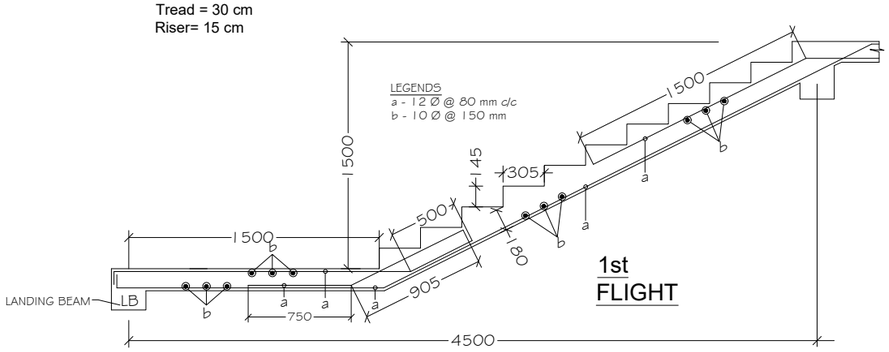
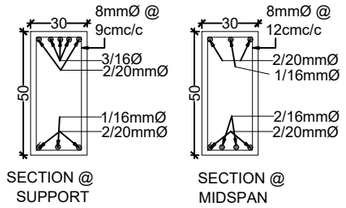
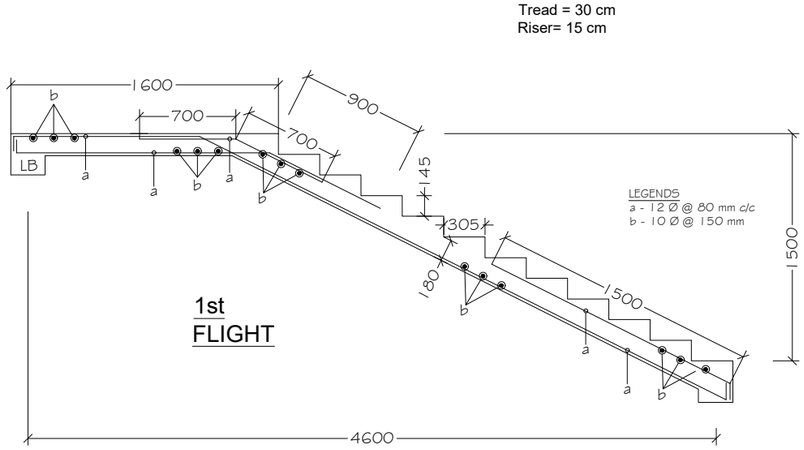
DETAILS OF STAIRCASE (ST - 01)





C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL



STAIRCASE DETAILS

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HOSTEL BLOCK

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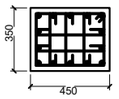
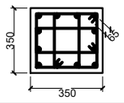
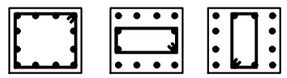
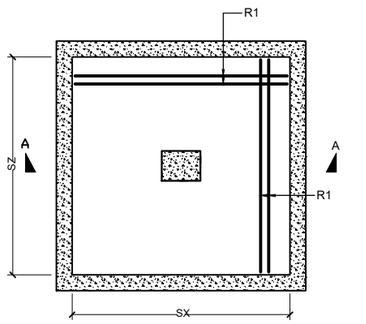
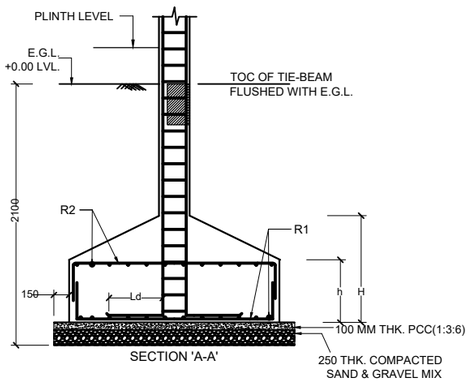
SCHEDULE OF COLUMN REINFORCEMENT UPTO 2ND FLOOR

COLUMN SIZE	REINF. BAR	SIZE	COLUMN MKD.	SCHEDULE OF STIRRUP ARRANGEMENT
	6 - 20 ø 8 - 16 ø 10 ø TIE	350X450		 ONE TIE & FIVE LINKS
	12 - 20 ø 10 ø TIE	350X350		 THREE TIES



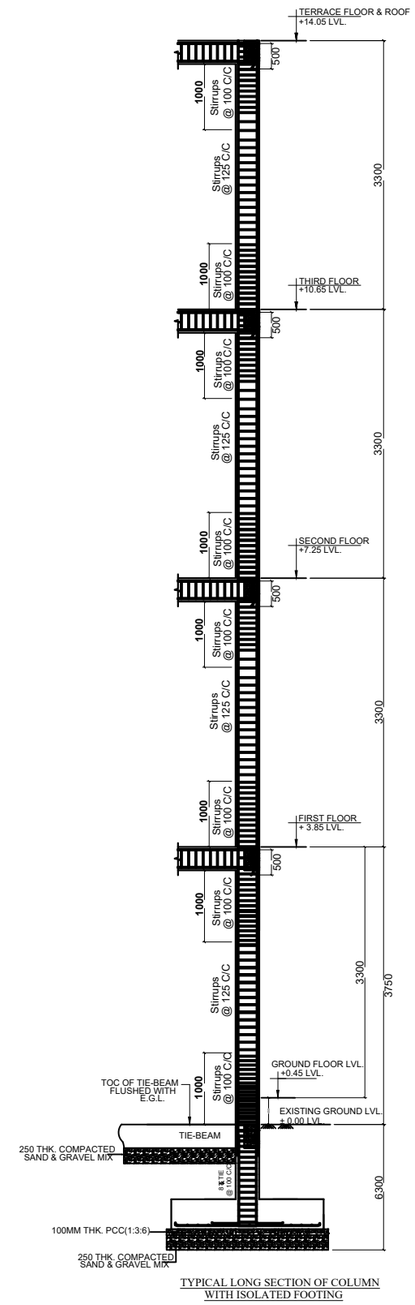
PLAN OF ISOLATED FOOTING SHOWING BOTTOM MESH



SECTION 'A-A'

ISOLATED FOOTING SCHEDULE

TYPE	SX	SZ	h	H	R1 BOTTOM MESH	R2 TOP MESH
F1	1900	1900	400	700	16 ø @100 C/C	10 ø @150 C/C
F2	2100	2100	450	750	16 ø @100 C/C	10 ø @150 C/C



TYPICAL LONG SECTION OF COLUMN
WITH ISOLATED FOOTING

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 1310** **FIRST FLOOR - 1158** **SECOND FLOOR - 1020**

DRAWING DETAILS

TITLE	**FOOTING & COLUMNS DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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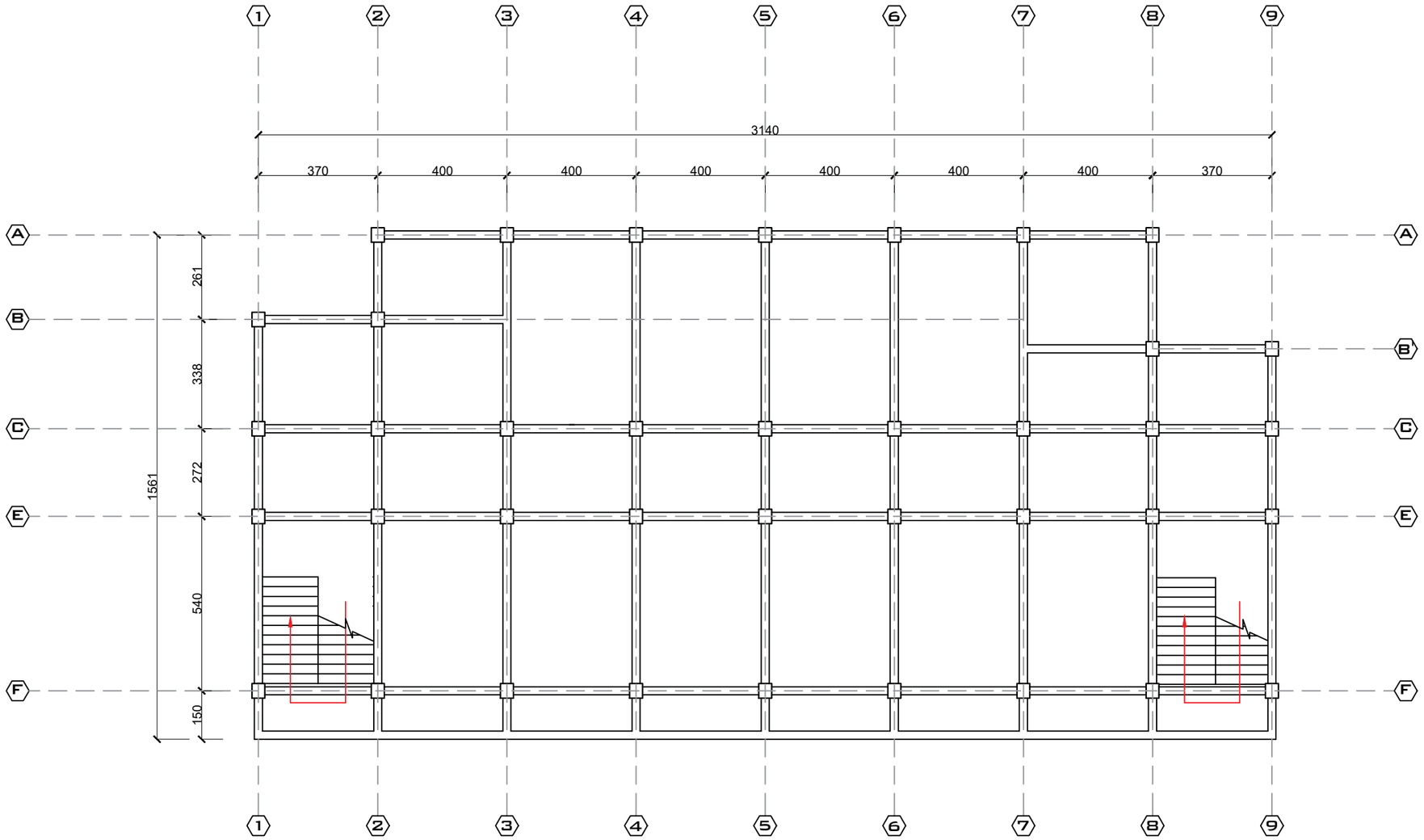

GROUND FLOOR
STRUCTURAL PLAN

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DRAWING DETAILS

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B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

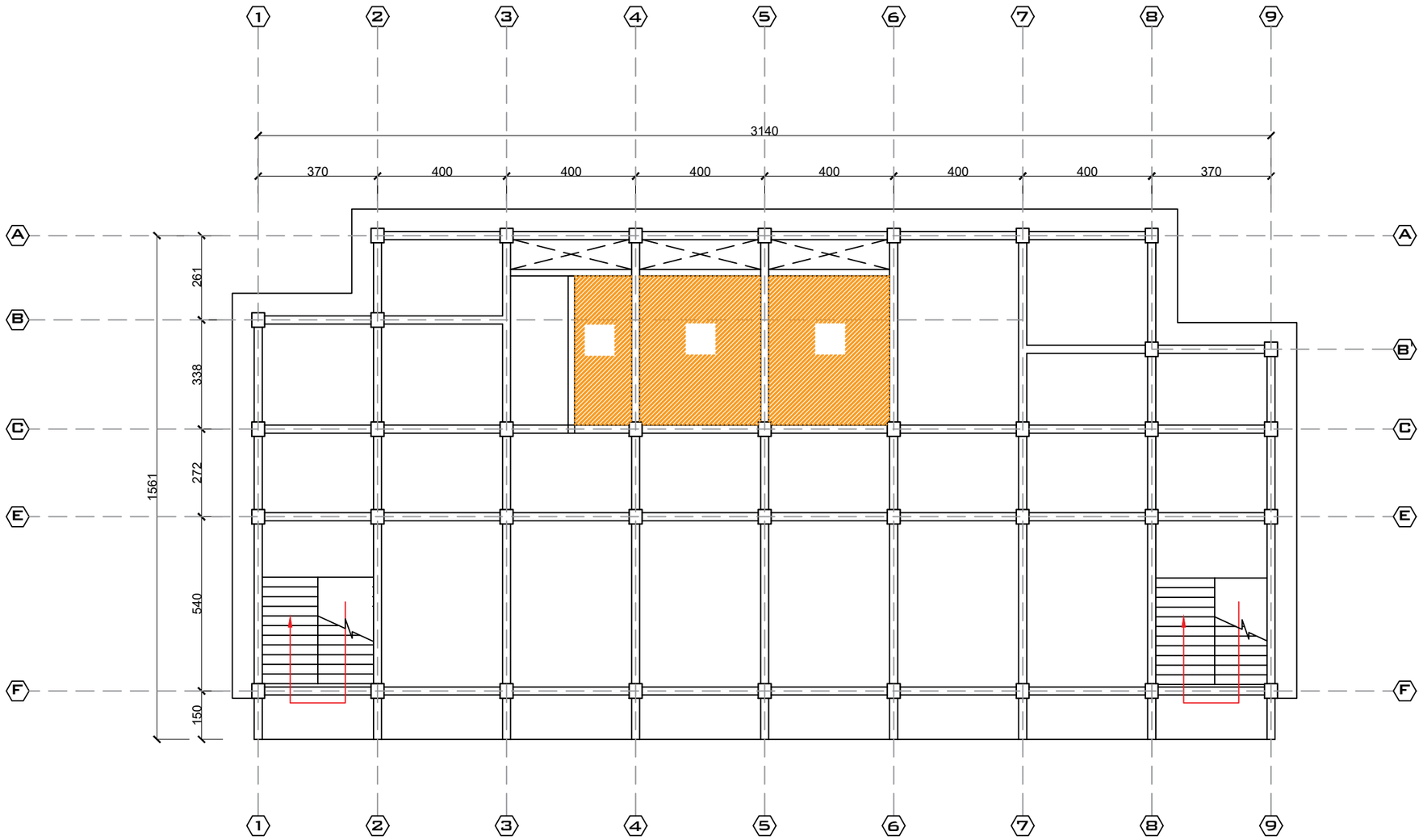
A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



1ST FLOOR
STRUCTURAL PLAN

NOTES

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 1310** **FIRST FLOOR - 1158** **SECOND FLOOR - 1020**

DRAWING DETAILS

TITLE	**FOOTING & COLUMNS DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

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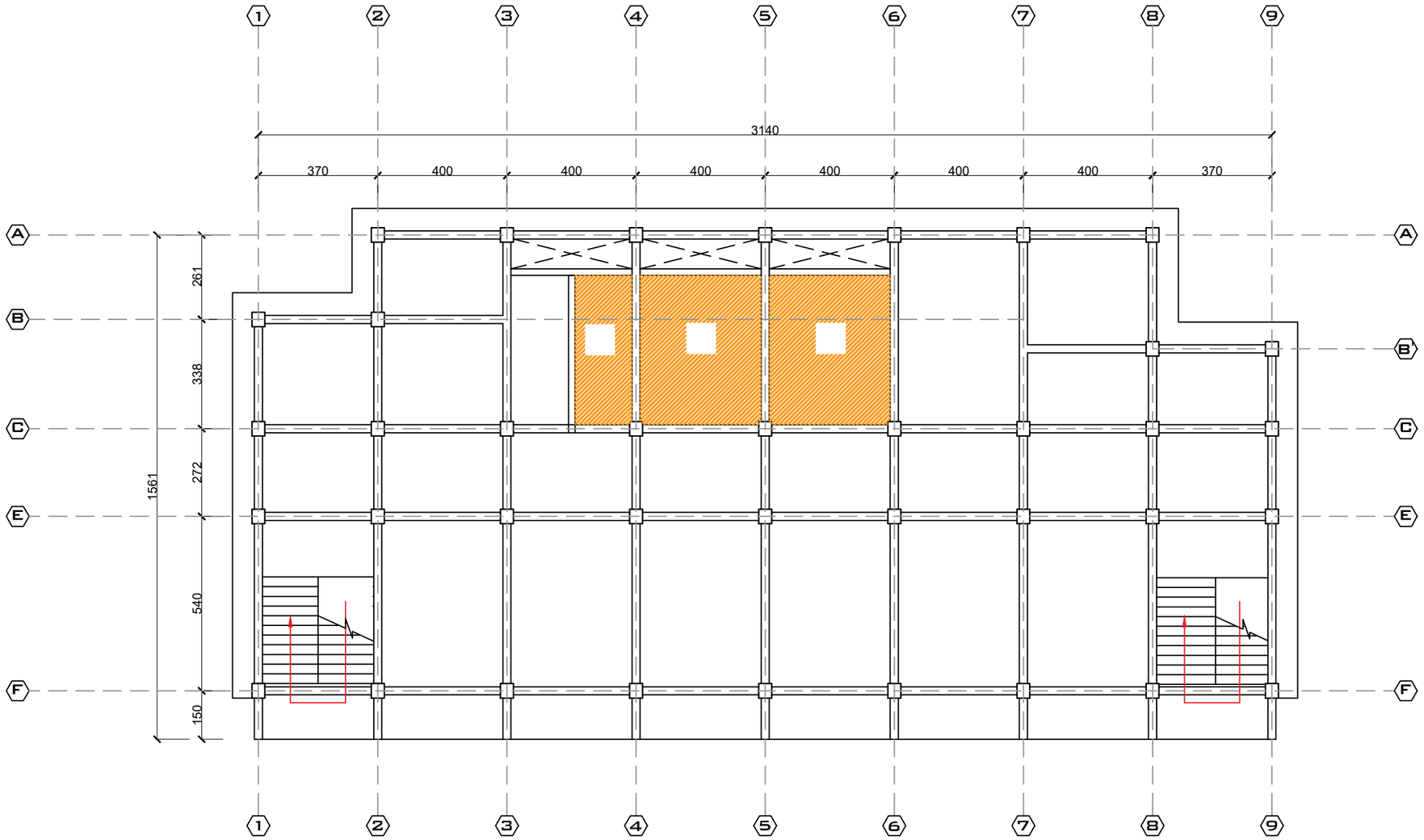
	GARRY WEGARA K.MARAK JE, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



2ND FLOOR
STRUCTURAL PLAN

NOTES

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 1310** **FIRST FLOOR - 1158** **SECOND FLOOR - 1020**

DRAWING DETAILS

TITLE	**FOOTING & COLUMNS DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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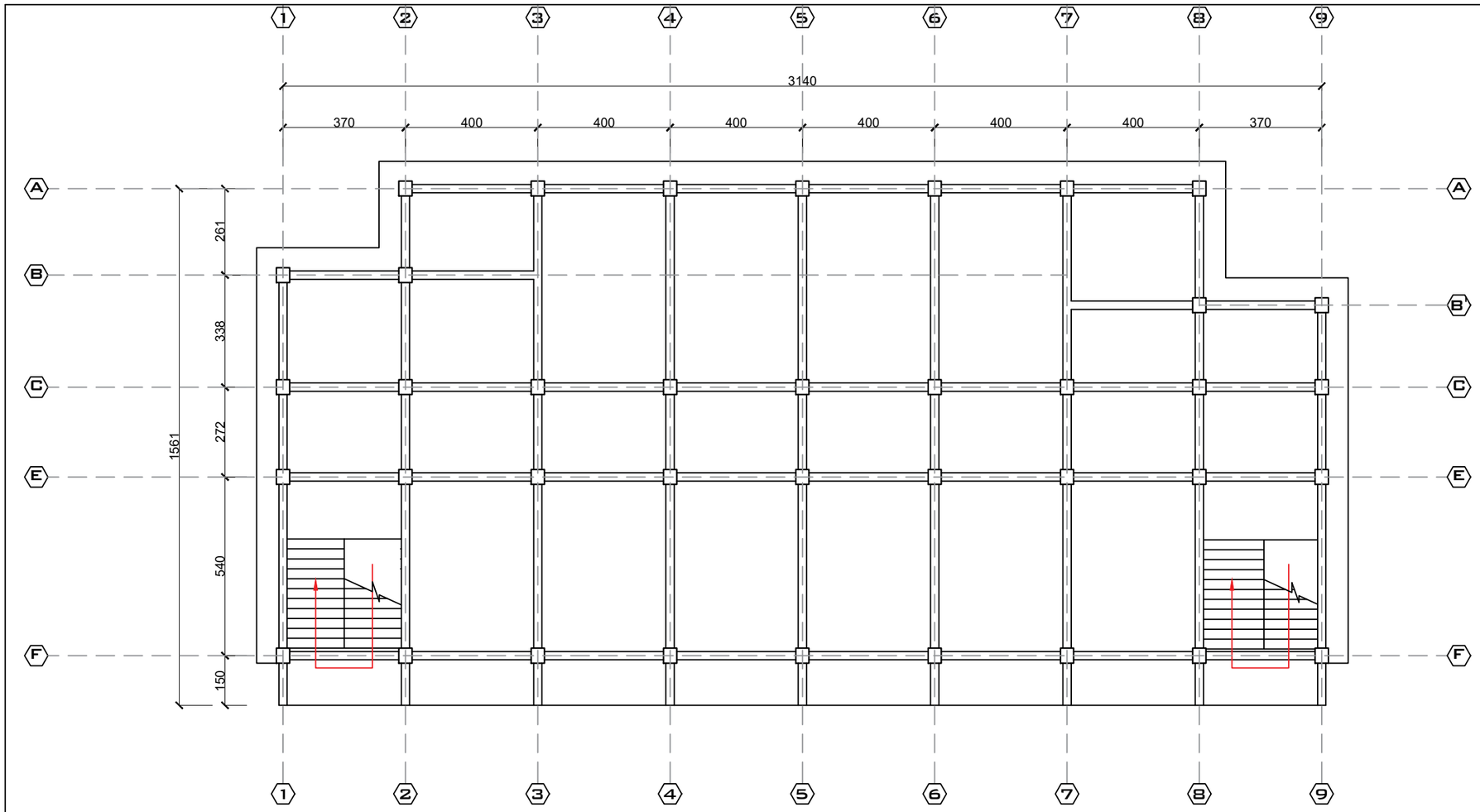
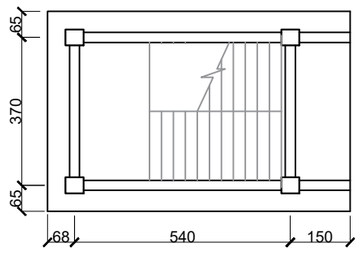


TERRACE FLOOR
STRUCTURAL PLAN



MUMTY SLAB 1 & 2
STRUCTURAL PLAN

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 1310** **FIRST FLOOR - 1158** **SECOND FLOOR - 1020**

DRAWING DETAILS

TITLE	**FOOTING & COLUMNS DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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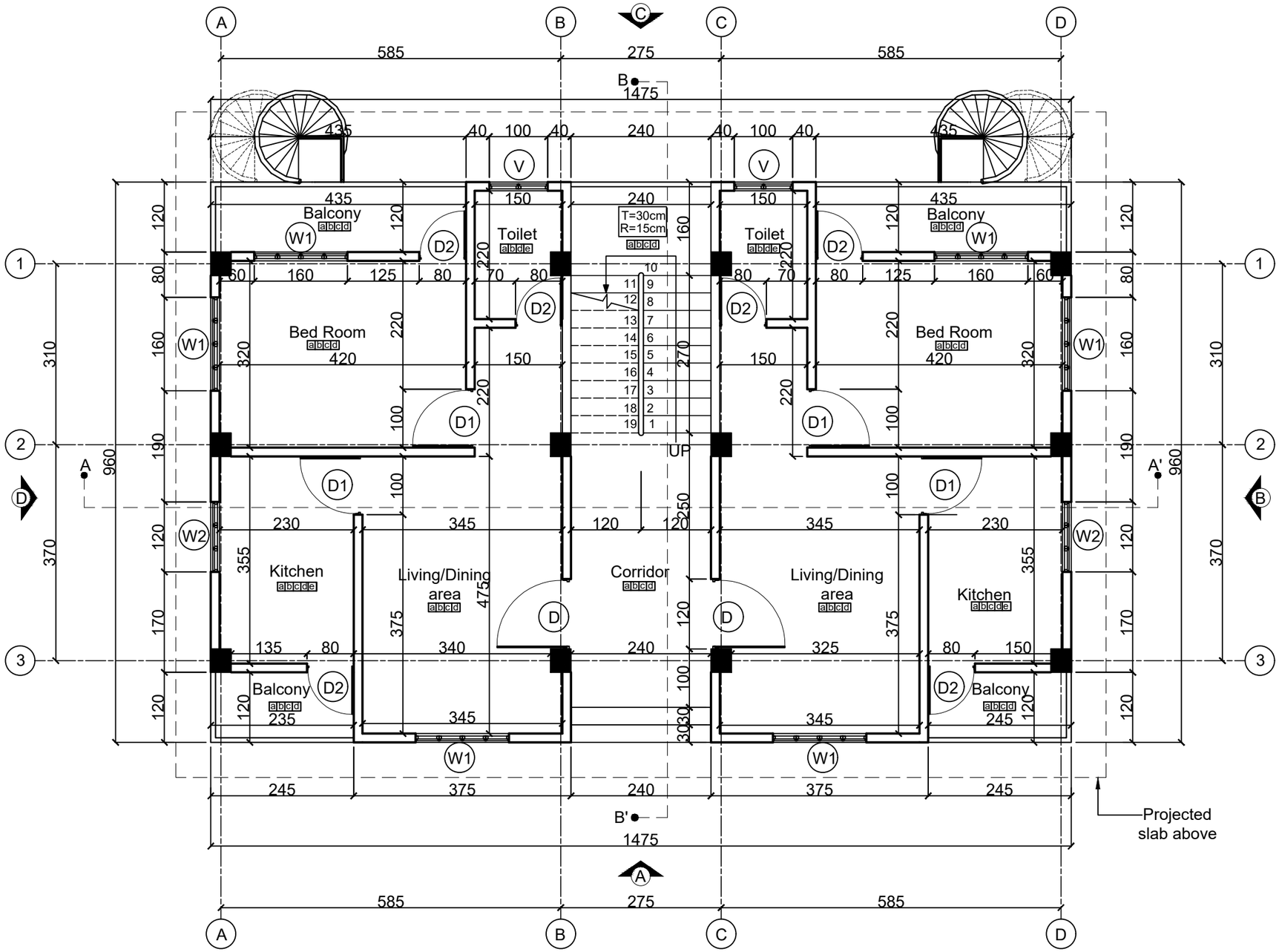
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK JE, MHSSP	**FRANKIE BIAM HEM, MHSSP**	**R. WANNIANG EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS) MISSION DIRECTOR, NHM**



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	GROUND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

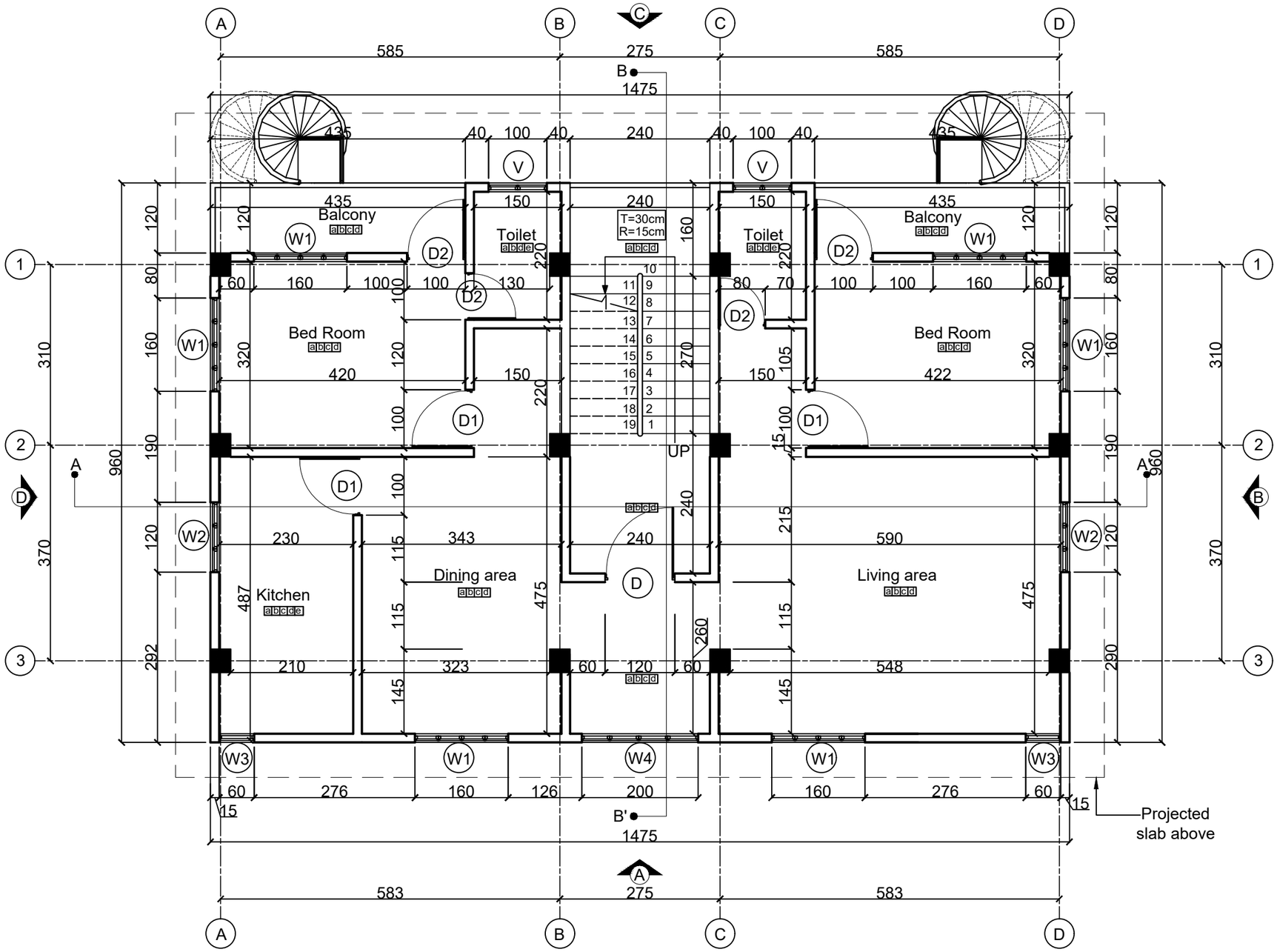
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	FIRST & THIRD FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

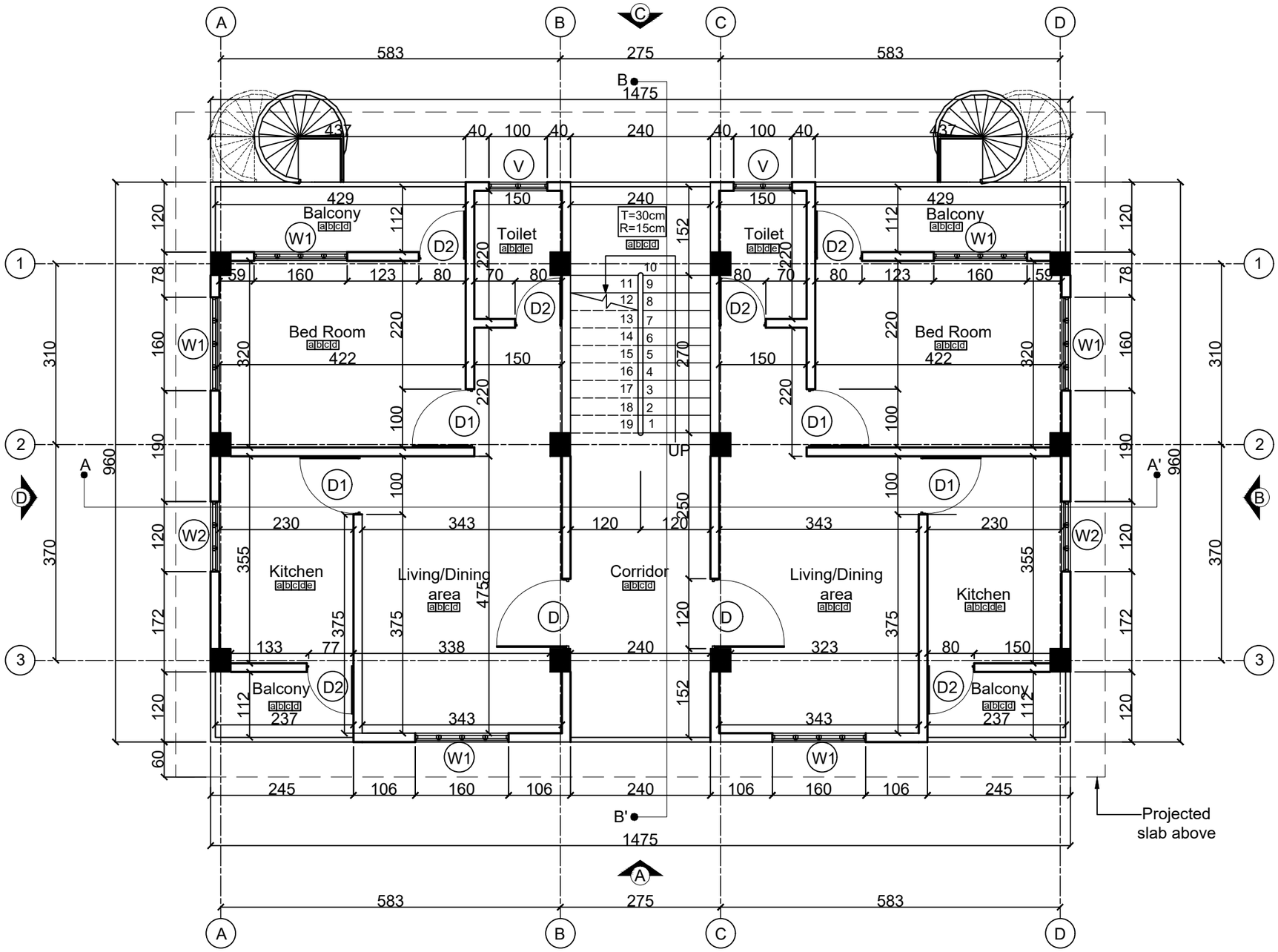
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	SECOND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
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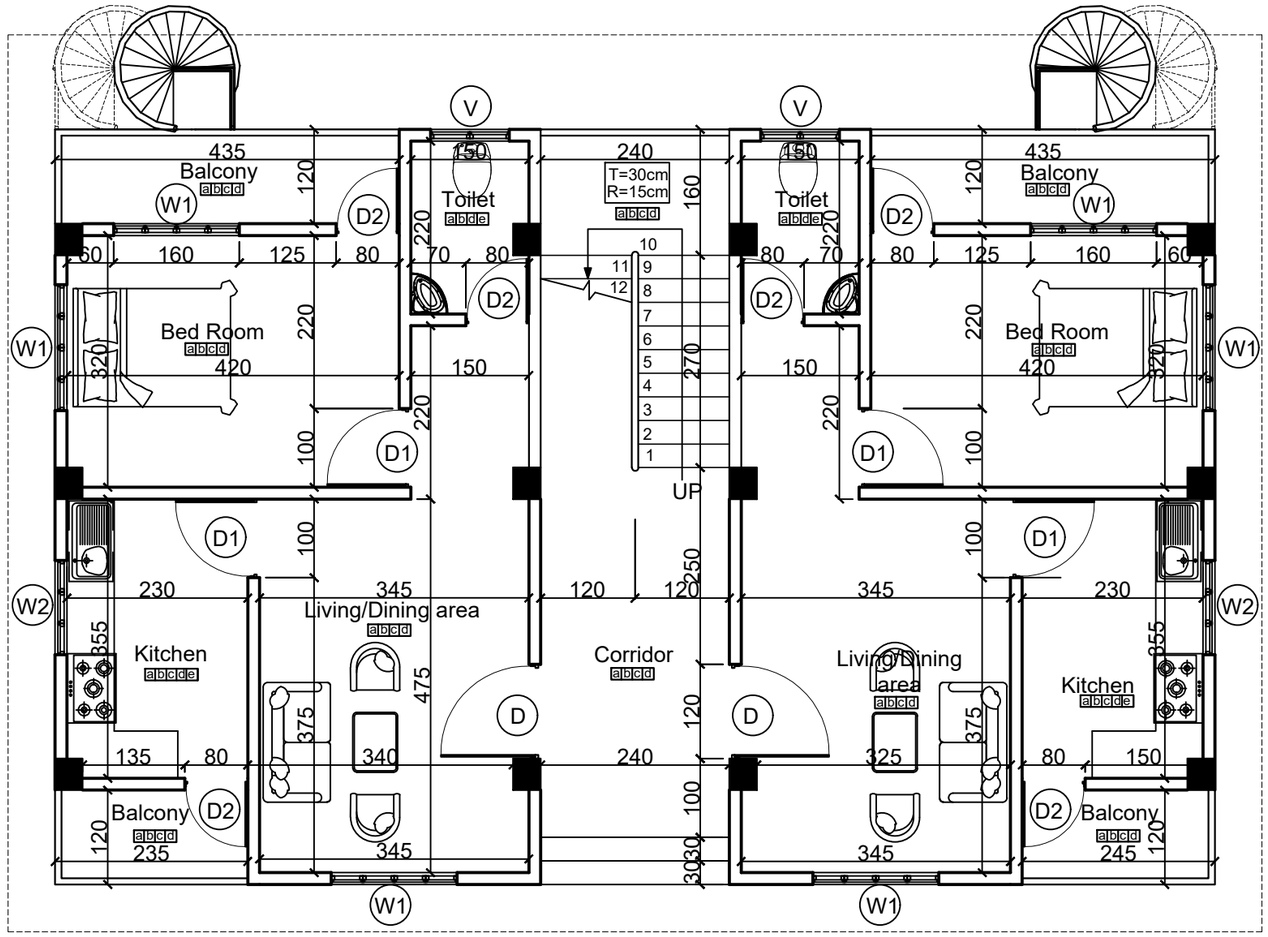

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	FURNITURE LAYOUT (G.FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

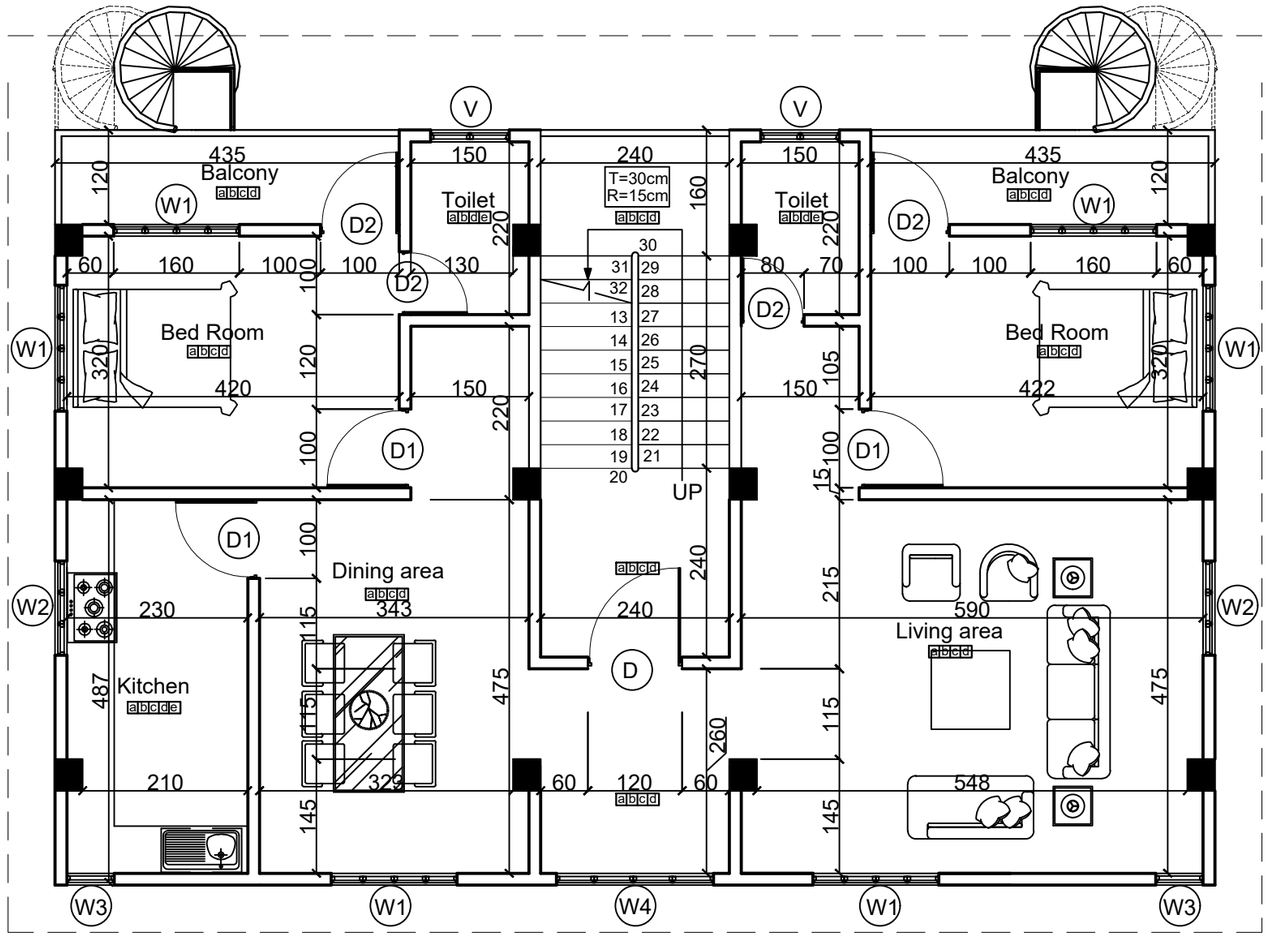
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	FURNITURE LAYOUT (1&3FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

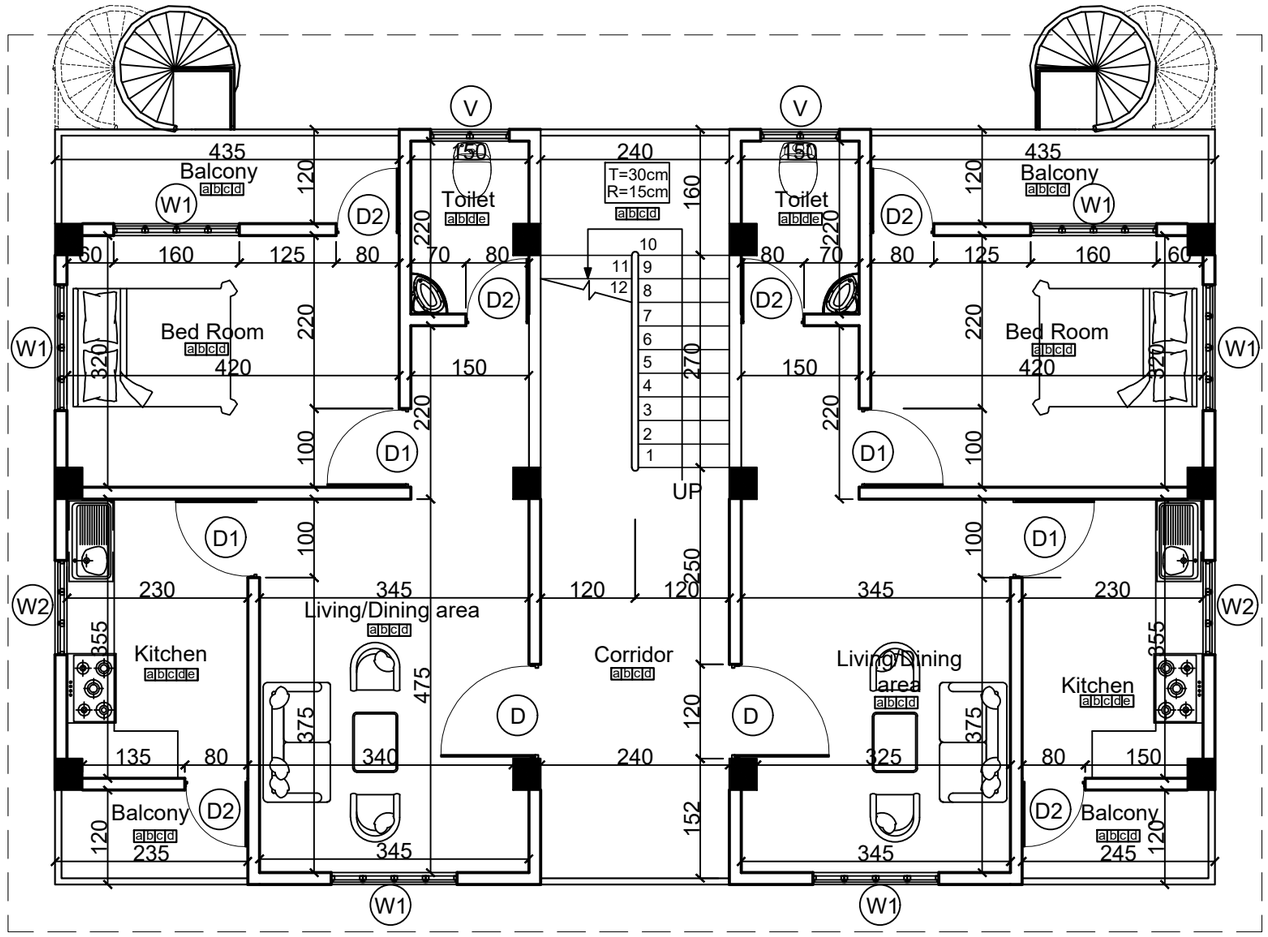
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	NONGPOH, MEGHALAYA
PLINTH AREA (inSQM)	GROUND FLOOR - 141.60 FIRST FLOOR - 141.60 SECOND FLOOR - 141.60 THIRD FLOOR - 141.60

DRAWING DETAILS

TITLE	FURNITURE LAYOUT (2-FLOOR)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

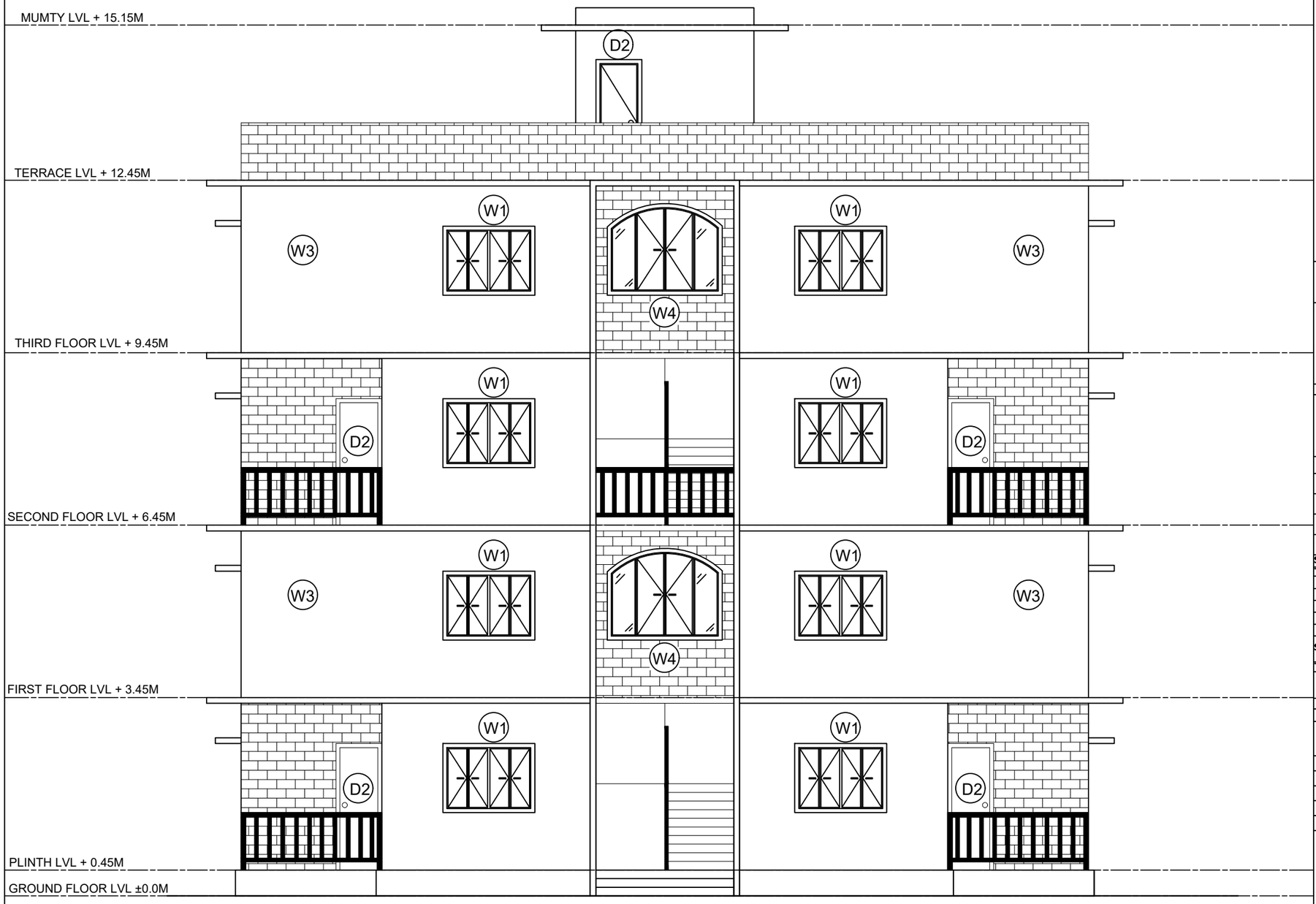
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**ELEVATION A**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

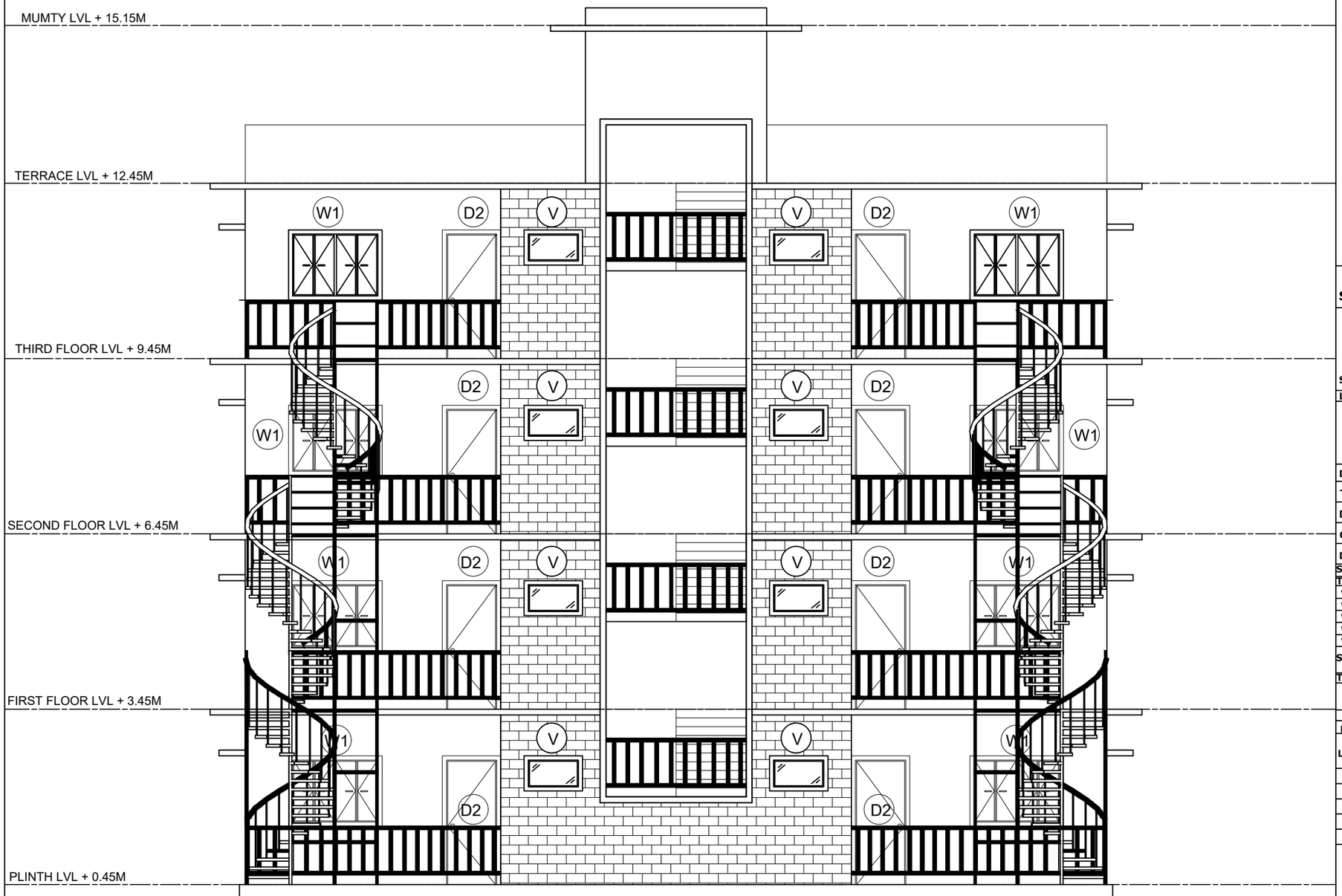
LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**ELEVATION B**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**ELEVATION C**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**ELEVATION D**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

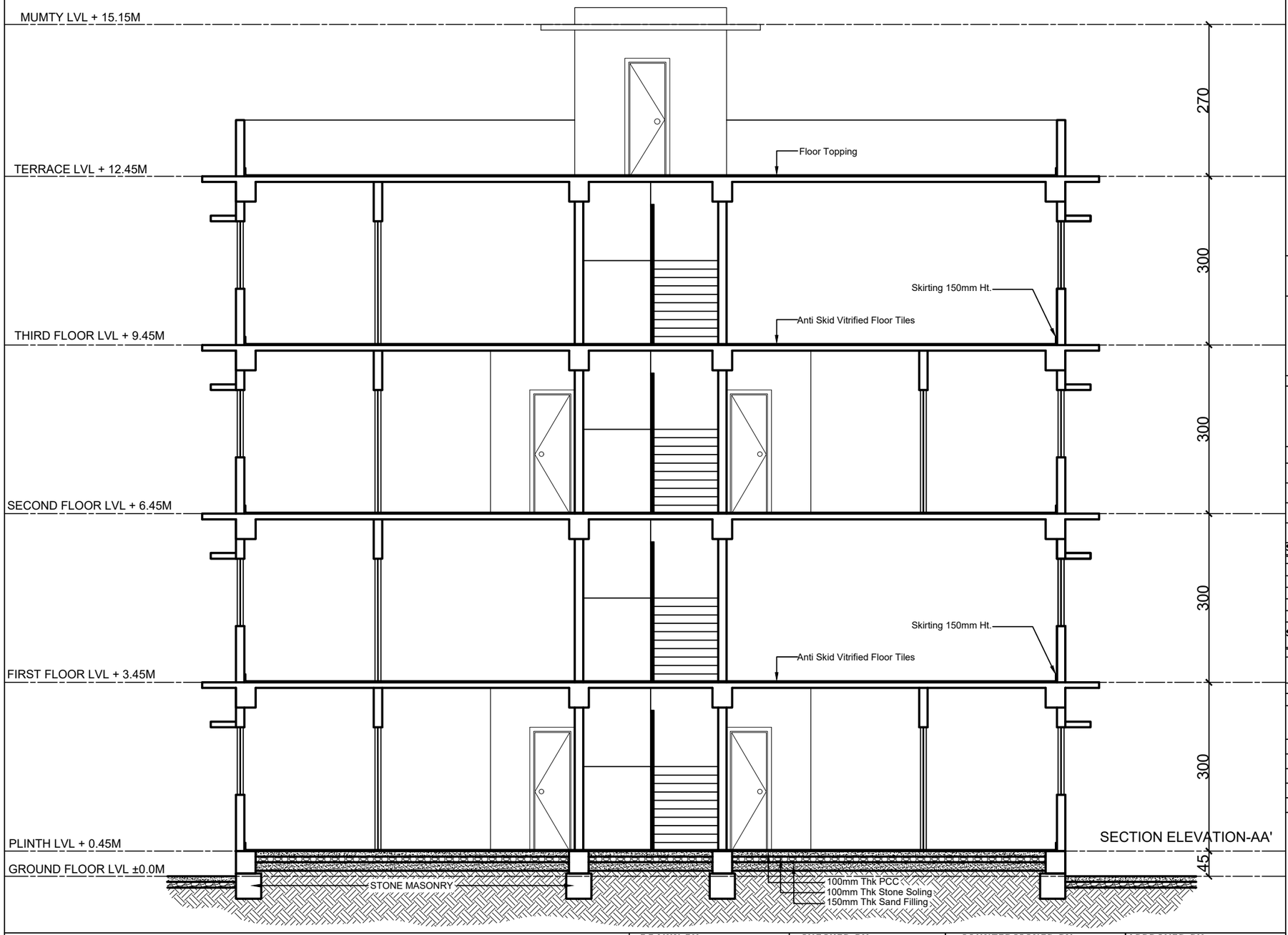
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



SECTION ELEVATION-AA'

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**SECTION AA'**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
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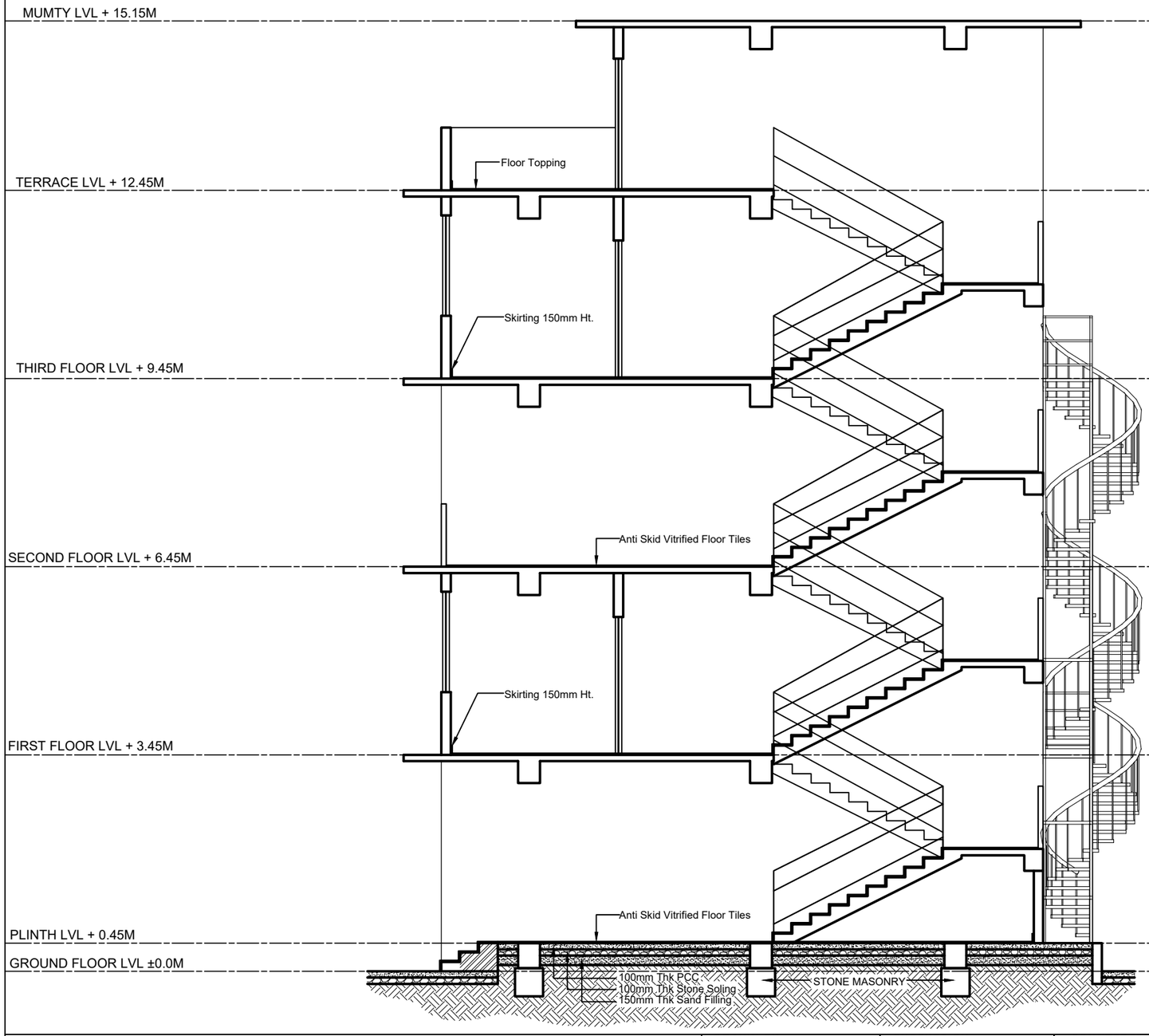

SECTION ELEVATION-BB'

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**SECTION BB'**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	**01.04.2024**

SCHEDULE OF OPENINGS

TYPE	W x H	SILL	TYPE & MATERIAL	QTY
W1	1.6 X 1.2	1.0	UPVC CASEMENT WITH GLASS	24
W2	1.2 X 1.2	1.0	UPVC CASEMENT WITH GLASS	8
W3	0.6 X 1.6	1.0	UPVC CASEMENT WITH GLASS	4
W4	2.0 X 1.6	1.0	UPVC CASEMENT WITH GLASS	2
V	1.0 X 0.6	1.6	UPVC TOP HUNG WITH GLASS	8

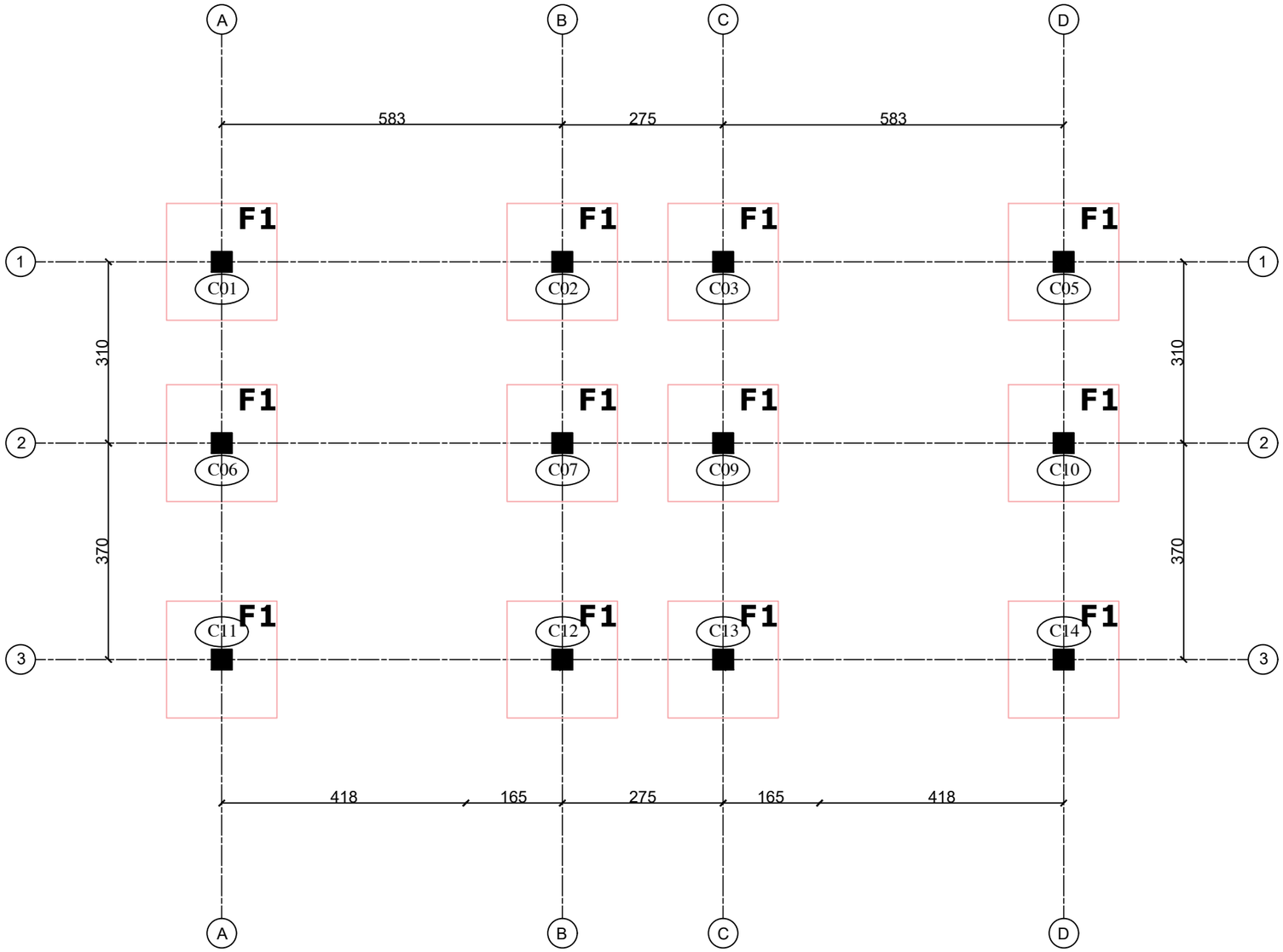
SCHEDULE OF DOORS

TYPE	W x H	TYPE & MATERIAL	QTY
D	1.2 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR WITH VIEWING GLASS	6
D1	1.0 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	14
D2	0.8 X 2.1	UPVC SINGLE LEAF SWING PANEL DOOR	20

LEGENDS

a	Anti Skid Vitrified tiles.
b	15mm Thk Plaster.
c	250mm Skirting.
d	Washable wall paints.
e	Wall tiles upto 2.1m Ht.

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE

STAFF QUARTER

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**FOUNDATION PLAN PLAN**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

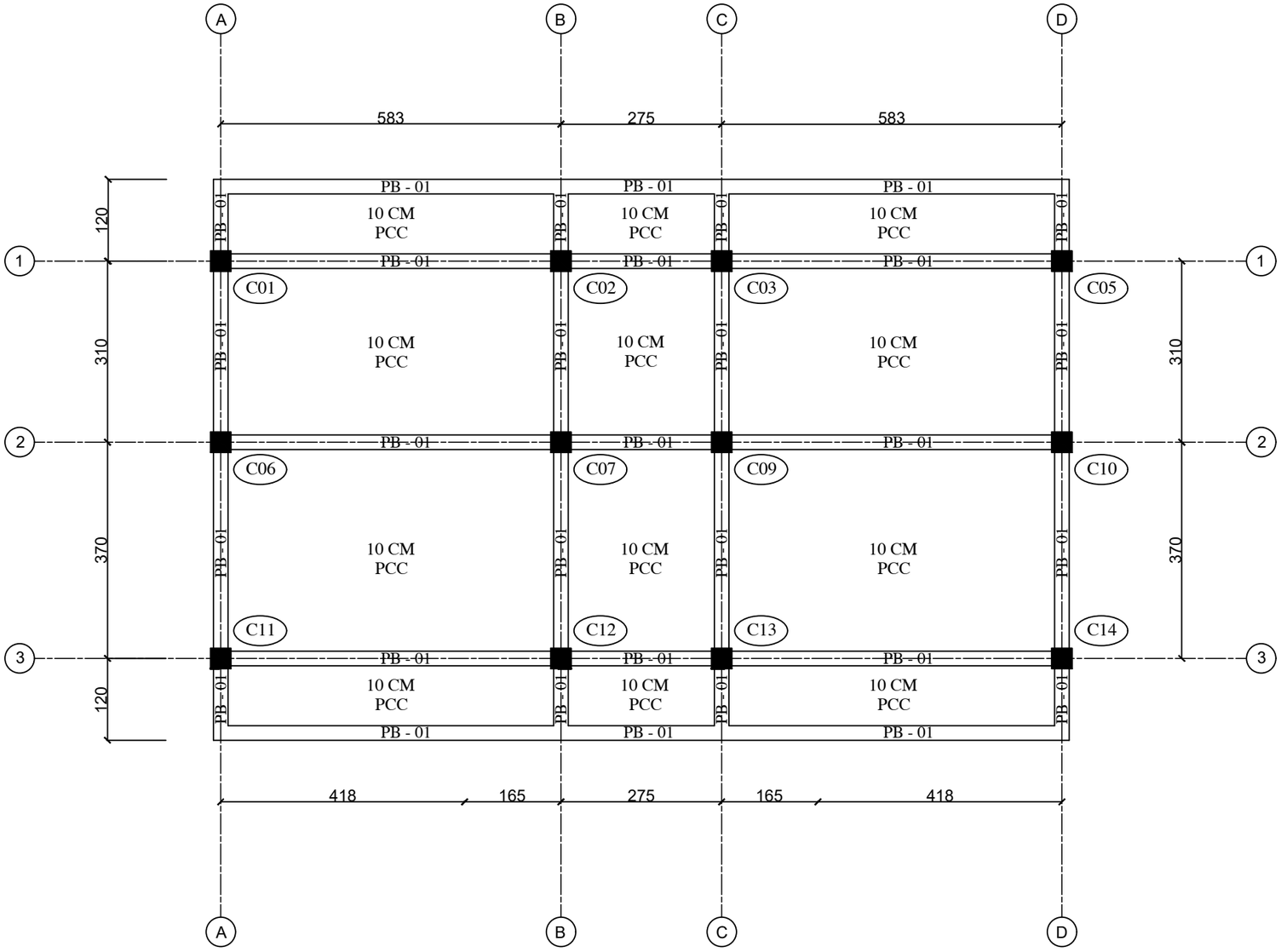
A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK **HEM, MHSSP**	**FRANKIE BIAM** **HEM, MHSSP**	**R. WANNIANG** **EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS)** **MISSION DIRECTOR, NHM**



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PROJECT TITLE

STAFF QUARTER

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**G.FLOOR STRUCTURAL PLAN**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
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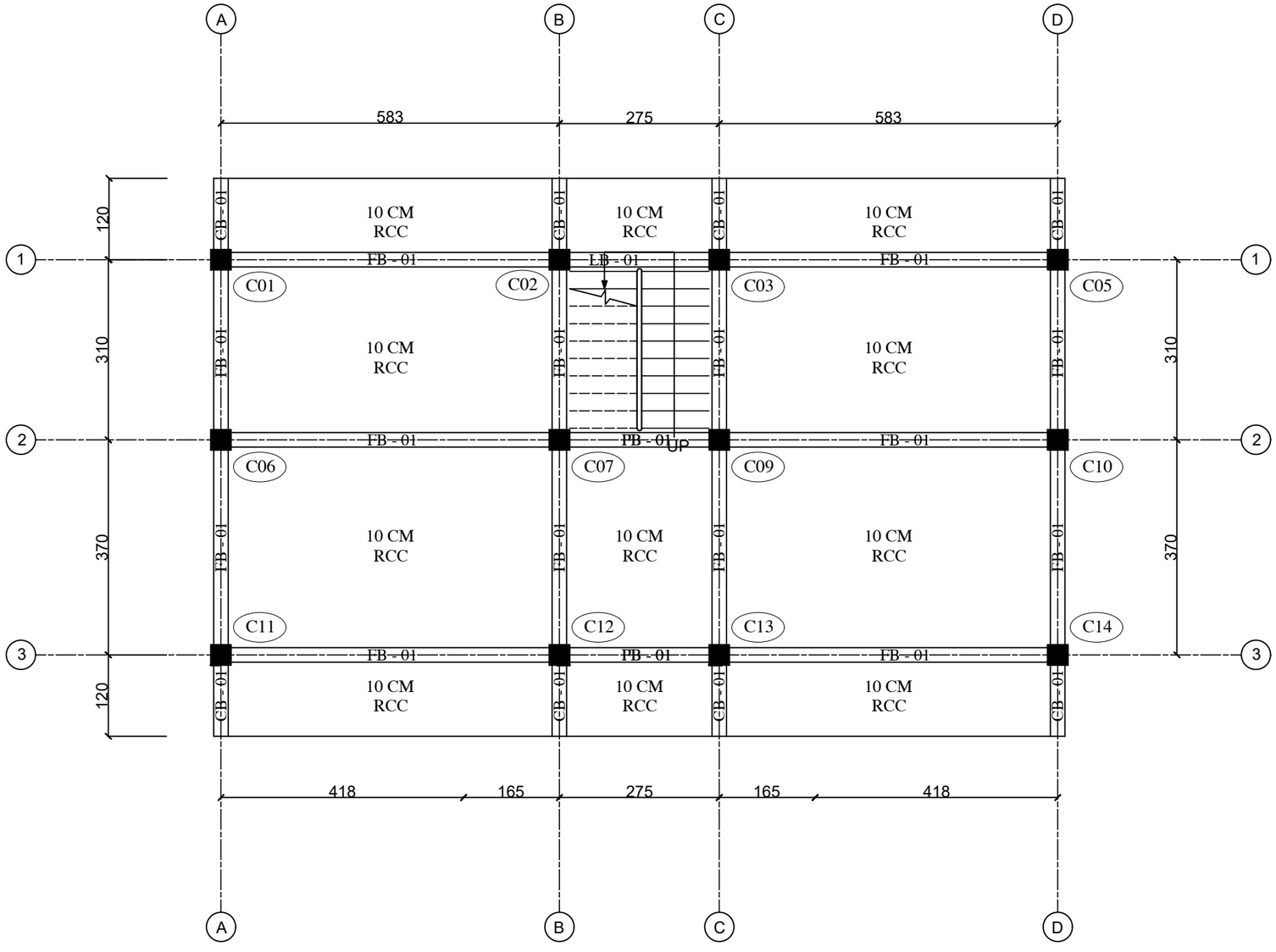
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK **HEM, MHSSP**	**FRANKIE BIAM** **HEM, MHSSP**	**R. WANNIANG** **EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS)** **MISSION DIRECTOR, NHM**



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PROJECT TITLE

STAFF QUARTER

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**1st , 2nd & 3rd FLOOR STRUCTURAL PLAN**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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D)	COLUMN	: 40 MM
E)	STAIRCASE SLAB	: 20 MM

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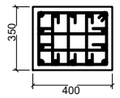
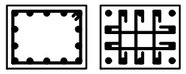
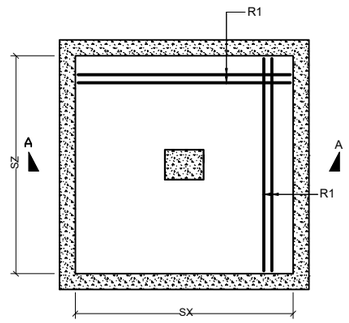
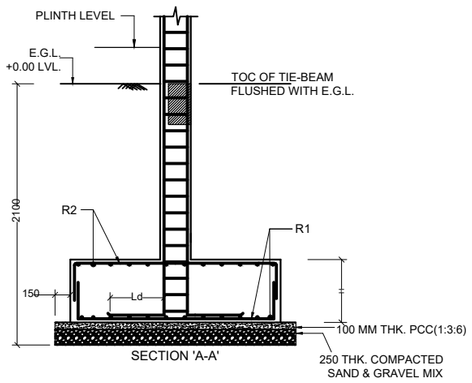
	GARRY WEGARA K.MARAK **HEM, MHSSP**	**FRANKIE BIAM** **HEM, MHSSP**	**R. WANNIANG** **EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS)** **MISSION DIRECTOR, NHM**

SCHEDULE OF COLUMN REINFORCEMENT UPTO 2ND FLOOR

COLUMN SIZE	REINF. BAR	SIZE	COLUMN MKD.	SCHEDULE OF STIRRUP ARRANGEMENT
	16 - 25 ϕ / 10 ϕ TIE	350X400	C01, C02, C03, C4, C5, C06, C07, C8,C9 C10, C11, C12	 ONE TIE & FIVE LINKS



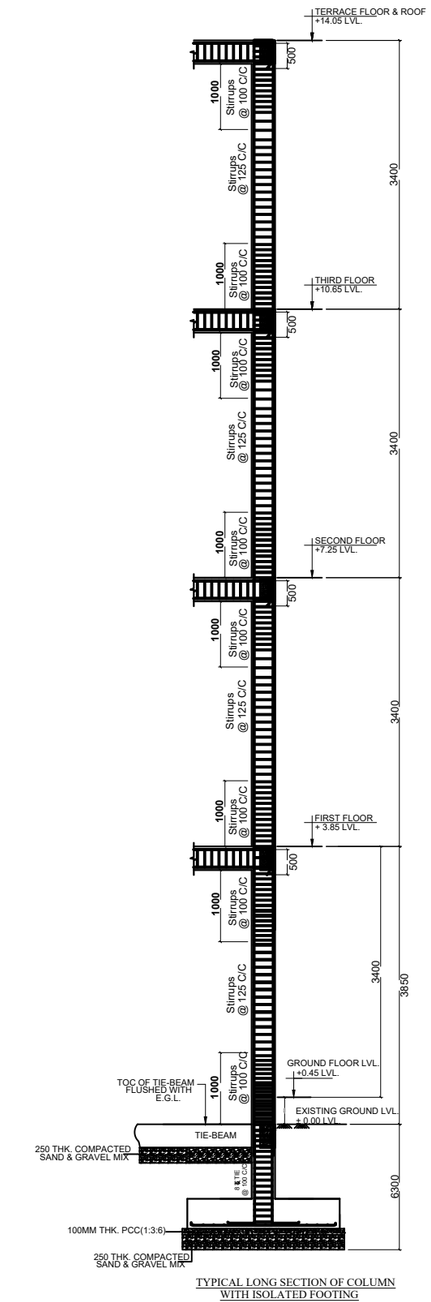
PLAN OF ISOLATED FOOTING SHOWING BOTTOM MESH



SECTION 'A-A'

ISOLATED FOOTING SCHEDULE

TYPE	SX	SZ	H	R1 BOTTOM MESH	R2 TOP MESH
F1	1800	2000	450	16 ϕ @100 C/C	10 ϕ @150 C/C



TYPICAL LONG SECTION OF COLUMN WITH ISOLATED FOOTING

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PROJECT TITLE

SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**FOOTING & COLUMNS DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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D)	COLUMN	: 40 MM
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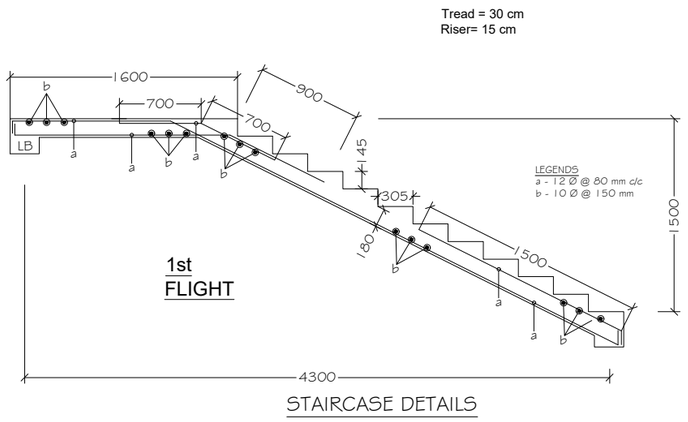
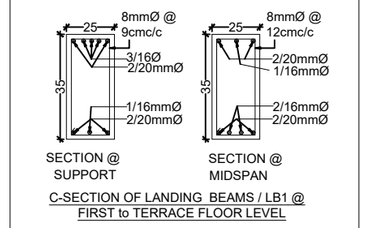
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK HEM, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

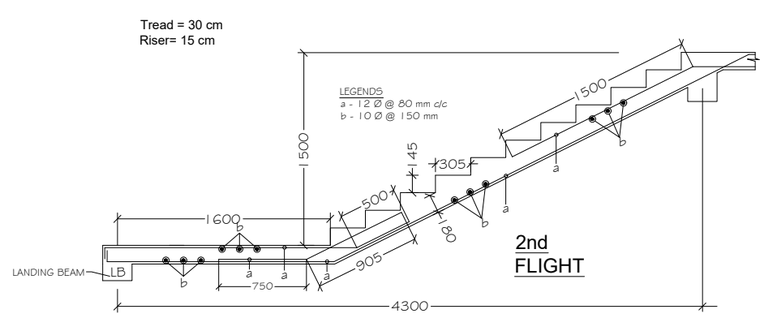
DETAILS OF STAIRCASE (ST - 01)



STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL



STAIRCASE -1

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	GARRY WEGARA K.MARAK HEM, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

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PROJECT TITLE

STAFF QUARTER

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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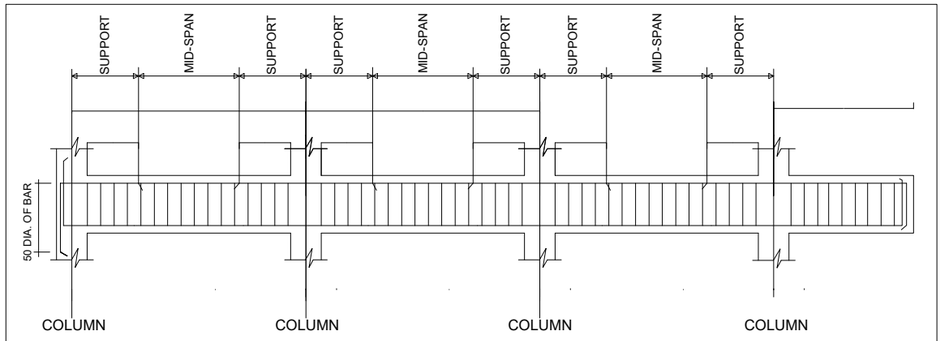
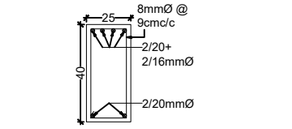
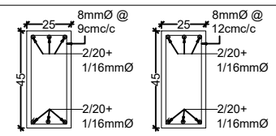


TYPICAL LONG SECTION OF BEAM

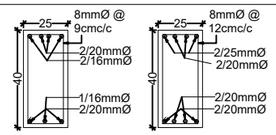
TYPICAL CROSS-SECTION OF BEAM



C-SECTION OF CANTILEVER BEAMS (CB) @ FIRST & TERRACE FLOOR LEVEL



C-SECTION OF ALL TIE BEAMS (PB-01) @ GROUND FLOOR LEVEL



C-SECTION OF FLOOR BEAMS / FB1 @ FIRST to TERRACE FLOOR LEVEL

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PROJECT TITLE

STAFF QUARTER

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**TYPICAL LONGSECTION OF BEAM, BEAMS SECTION OF ALL FLOORS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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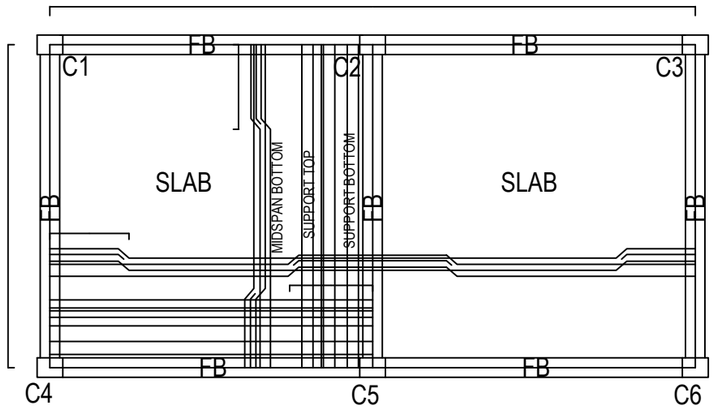
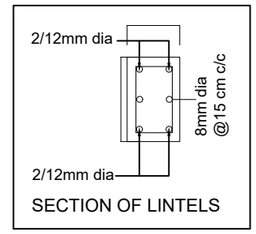
	GARRY WEGARA K.MARAK HEM, MHSSP	**FRANKIE BIAM HEM, MHSSP**	**R. WANNIANG EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS) MISSION DIRECTOR, NHM**

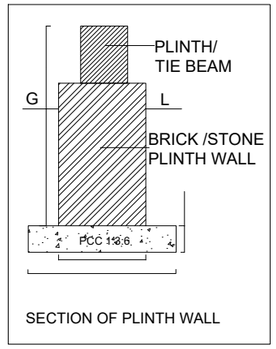
TYPICAL DETAILS OF SLAB



TYPICAL PLAN



SECTION OF LINTELS



SECTION OF PLINTH WALL

TABLE OF SLAB REINFORCEMENT

Slab name	Thickness	x- direction				Y- direction			
		At Midspan		At Support		At Midspan		At Support	
		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
SLAB OR DROP SLAB @ FIRST,SECOND & TERRACE FLOOR LEVEL	10 CM	Nil	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	Nil	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c
CANT SLAB OR CANT DROP SLAB @ FIRST, SECOND & TERRACE FLOOR LEVEL	10 CM	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c	10 mm dia bar @ 12 cm c/c	10 mm dia bar @ 24 cm c/c

NOTES

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PROJECT TITLE

STAFF QUARTER

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS

TITLE	**PLINTH WALL& SLAB DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

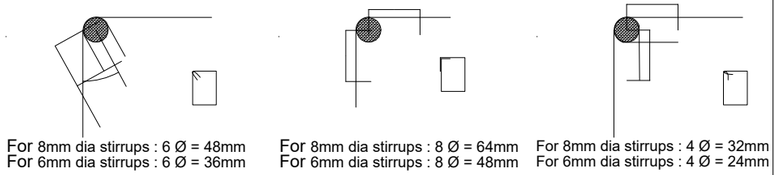
A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

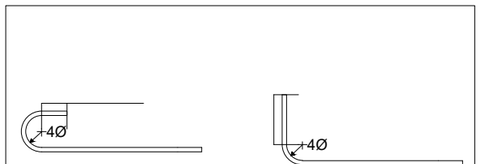
12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

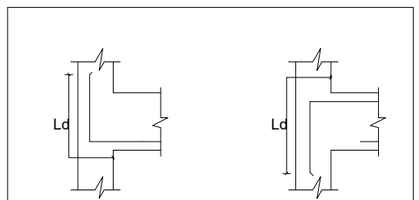
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK **HEM, MHSSP**	**FRANKIE BIAM** **HEM, MHSSP**	**R. WANNIANG** **EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS)** **MISSION DIRECTOR, NHM**



TYPICAL WAYS OF ANCHORING ENDS OF STIRRUPS IN BEAMS AND COLUMNS



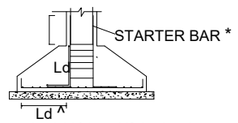
STANDARD HOOK AND BEND



DEVELOPMENT LENGTH 'Ld' FOR BEAM AND SLAB

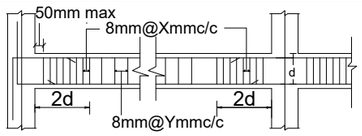
DEVELOPMENT LENGTH 'Ld' for *Deformed Bars*

Bar Diameter (mm)	'Ld' for Grade of Concrete (cm)		
	M15	M20	M25
6	33.8	28.2	24.2
8	45.1	37.6	32.2
10	56.4	47.0	40.3
12	67.7	56.4	48.4
16	90.3	75.2	64.5
20	112.8	94.0	80.6
25	141.0	117.5	100.7



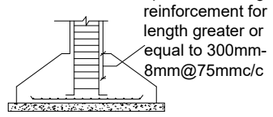
^ -Provide standard 90° bend if the bar is required to bent upward to get the required development length
* -Use of starter bars or continous bars depends upon the distance between the ground floor level and the level of foundation

DEVELOPMENT LENGTH 'Ld' of COLUMN FOOTING

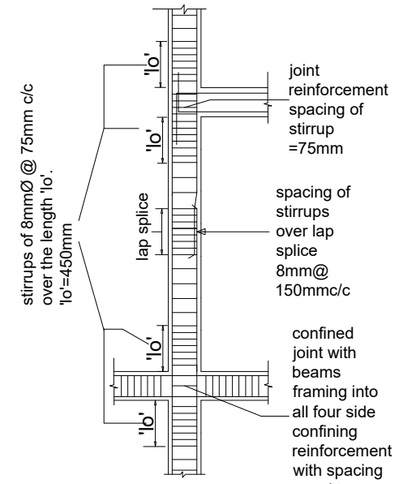


NOTE:d is the effective depth of beams
NOTE:X is variable and is as per detailing
NOTE:y is variable and is as per detailing

BEAM REINFORCEMENT



PROVISION OF SPECIALCONFINING REINFORCEMENT IN FOOTING



COLUMN AND JOINT DETAILING

TYPICAL DRAWING AND DETAILS
SPACING OF REINFORCEMENT
FOR BEAMS,COLUMNS &FOOTING AS PER
IS 13920:1993

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PROJECT TITLE

STAFF QUARTER

N

SITE DETAILS

LOCATION	**NONGPOH, MEGHALAYA**
PLINTH AREA (inSQM)	**GROUND FLOOR - 141.60** **FIRST FLOOR - 141.60** **SECOND FLOOR - 141.60** **THIRD FLOOR - 141.60**

DRAWING DETAILS	
TITLE	**STRUCTURAL SPECIFICATION**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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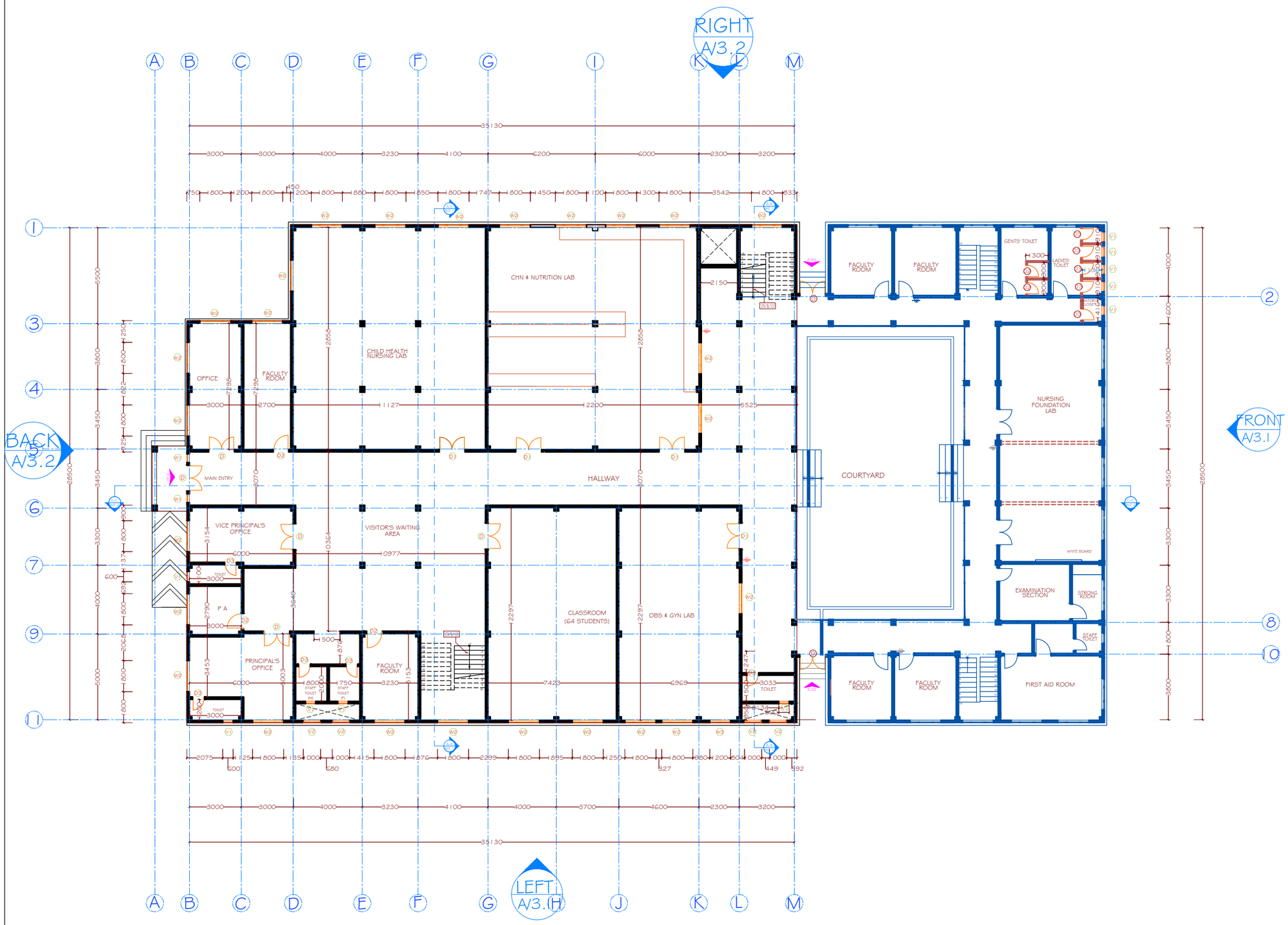
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	GARRY WEGARA K.MARAK HEM, MHSSP	**FRANKIE BIAM HEM, MHSSP**	**R. WANNIANG EXECUITVE ENGINEER, HEW**	**RAMKUMAR S (IAS) MISSION DIRECTOR, NHM**



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	GROUND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING
NEW STRUCTURE
RENOVATION
DEMOLITION

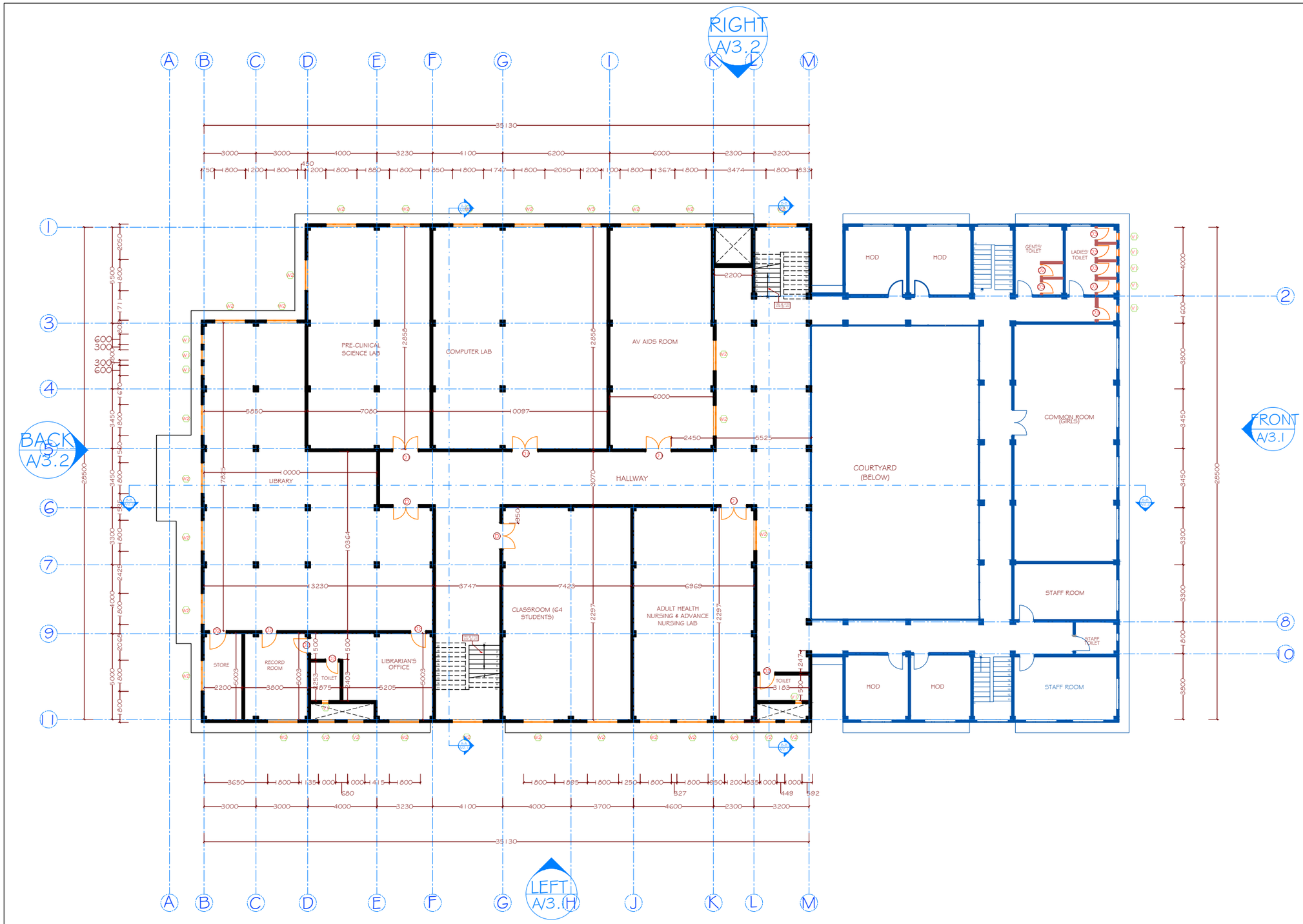
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

SHEET SIZE: A3

MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:	
TITLE	FIRST FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING
RENOVATION
NEW STRUCTURE

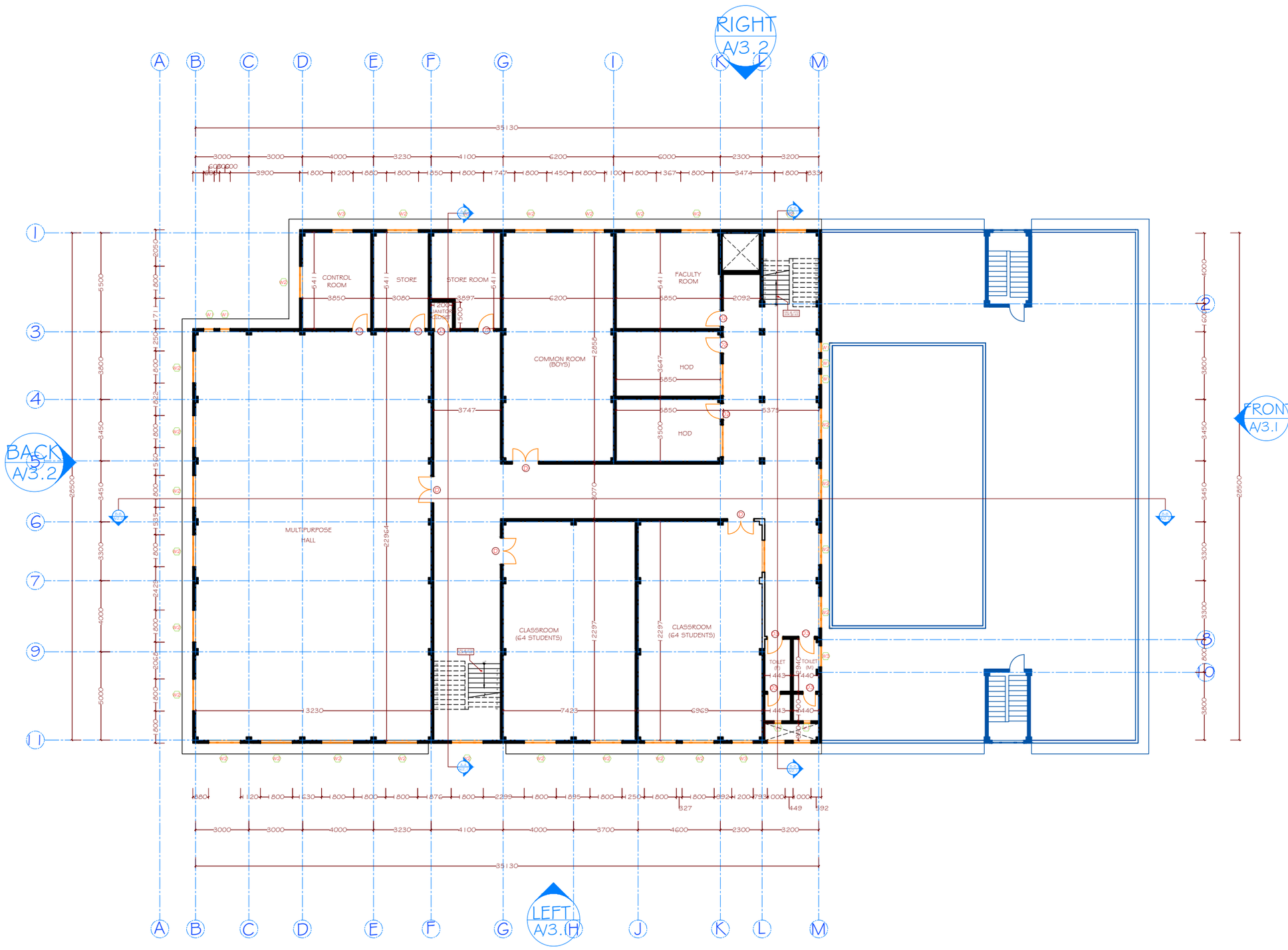
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.2

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	SECOND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

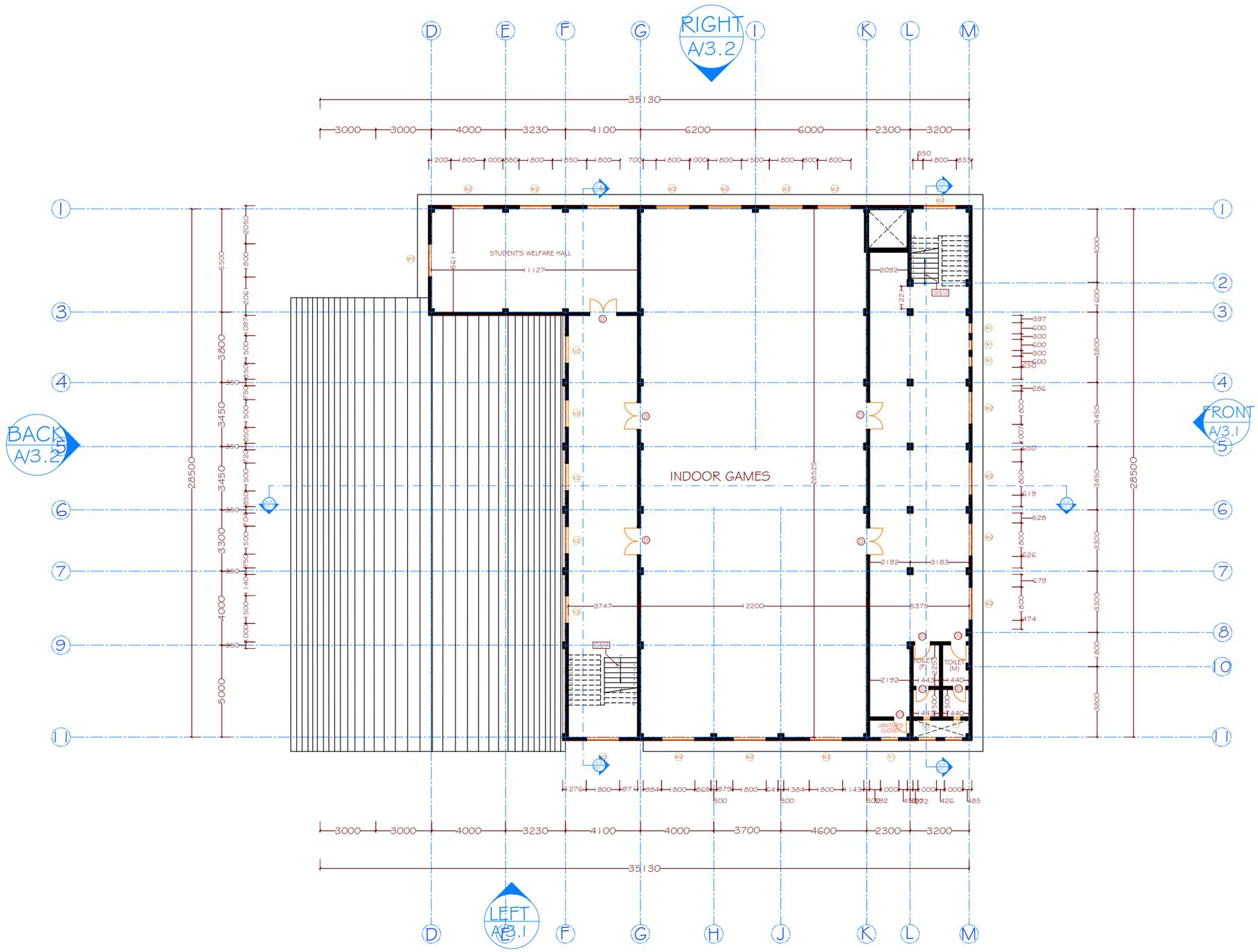
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.3

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	THIRD FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

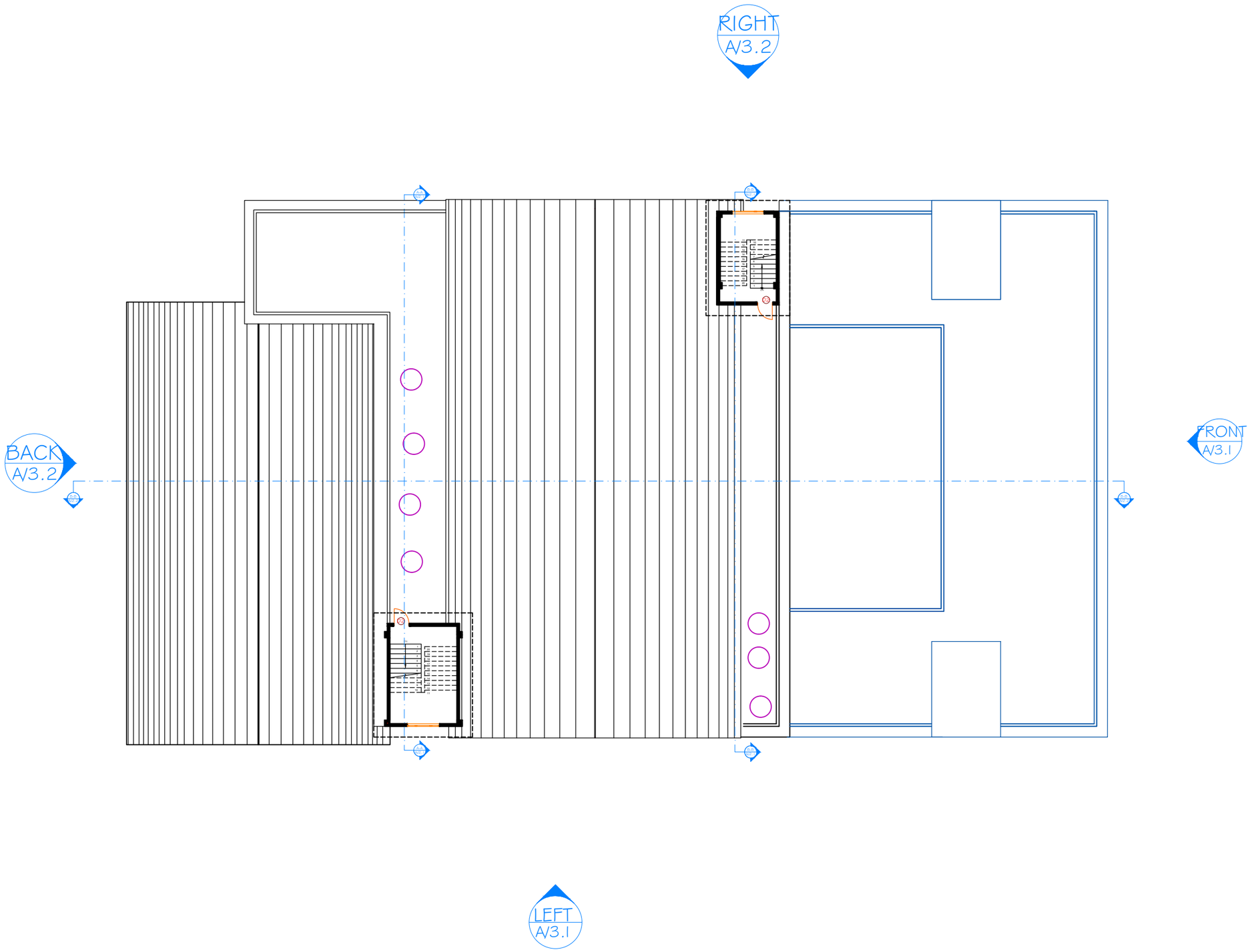
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.4

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96
DRAWING DETAILS:	
TITLE	ROOF PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

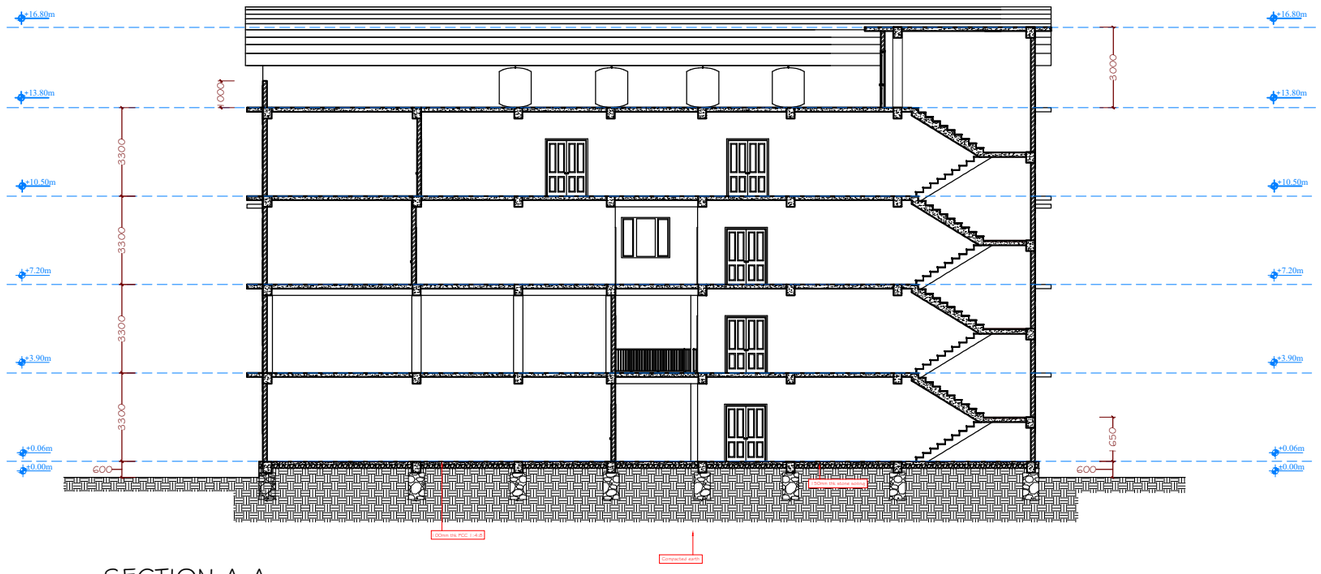
DWG NO: A/1.5

MILLIMETER-

SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



SECTION A-A

SECTION B-B

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	SECTIONAL VIEWS (A-A & B-B)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1 D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

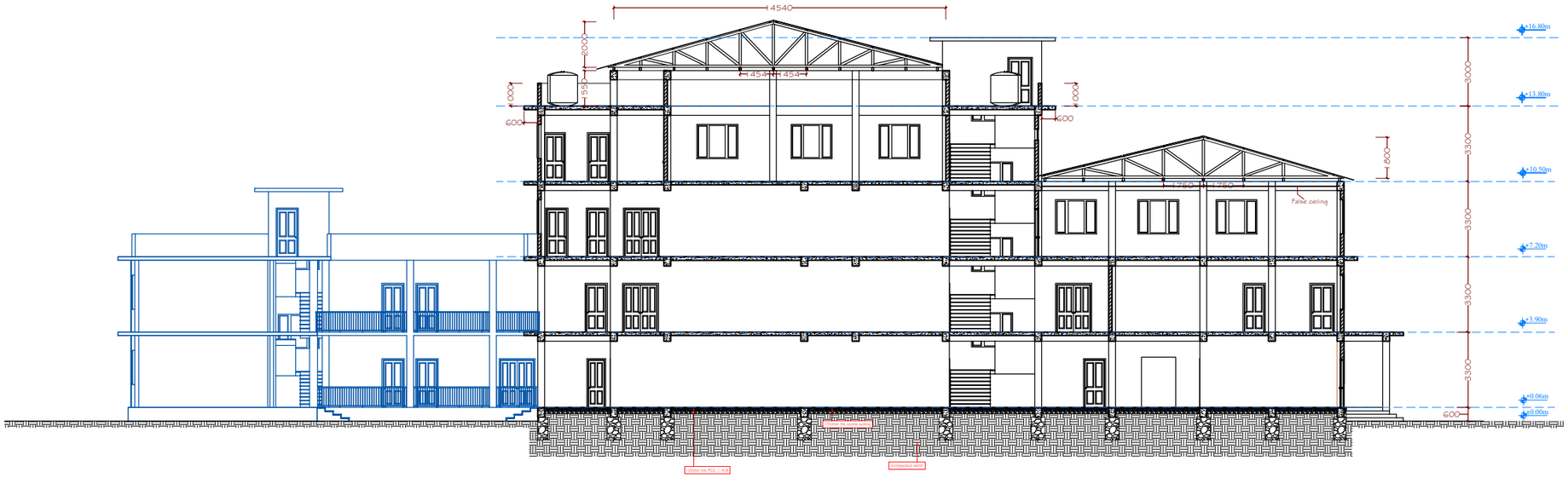
DWG NO: A/2.1

MILLIMETER-

SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



SECTION C-C

NOTES

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:	
TITLE	SECTIONAL VIEW C-C
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1 D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

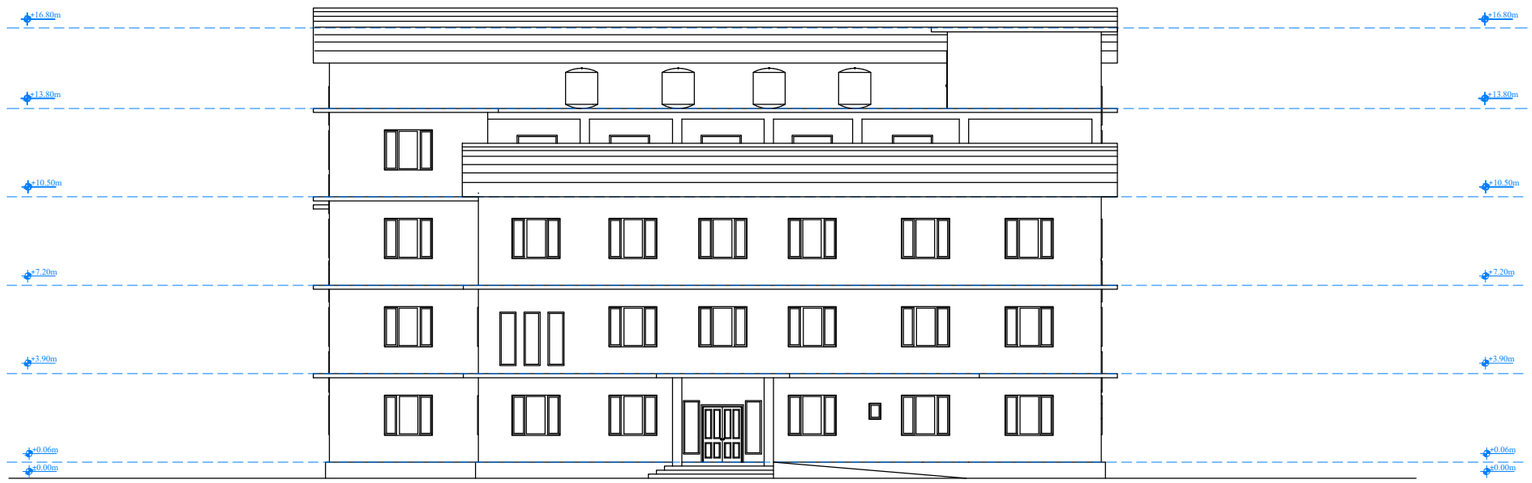
DWG NO: A/2.2

MILLIMETER-

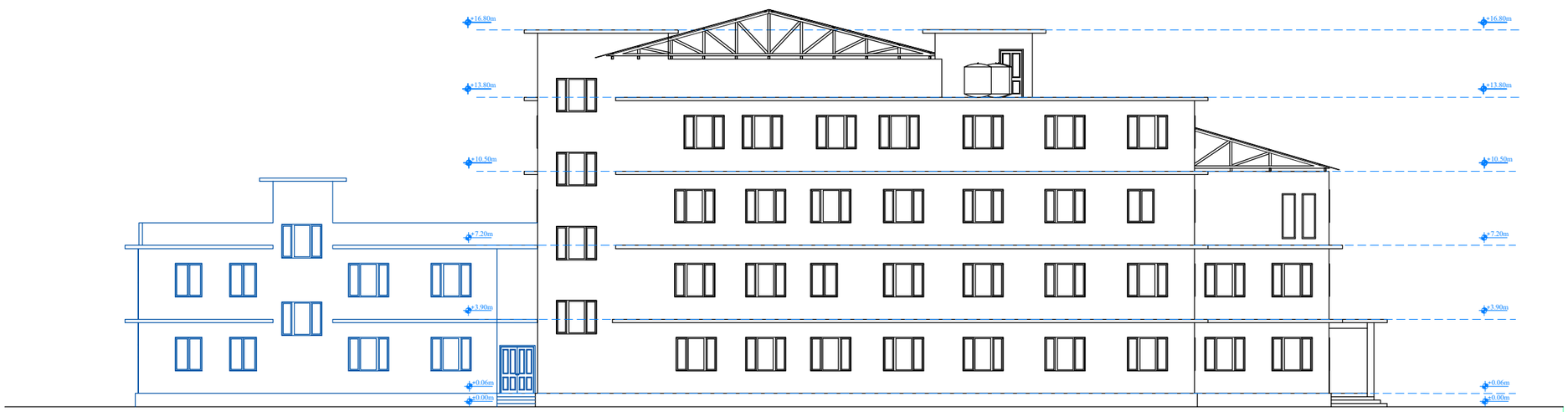
SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



FRONT ELEVATION



LEFT ELEVATION

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	ELEVATION VIEWS (FRONT & LEFT)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1 D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

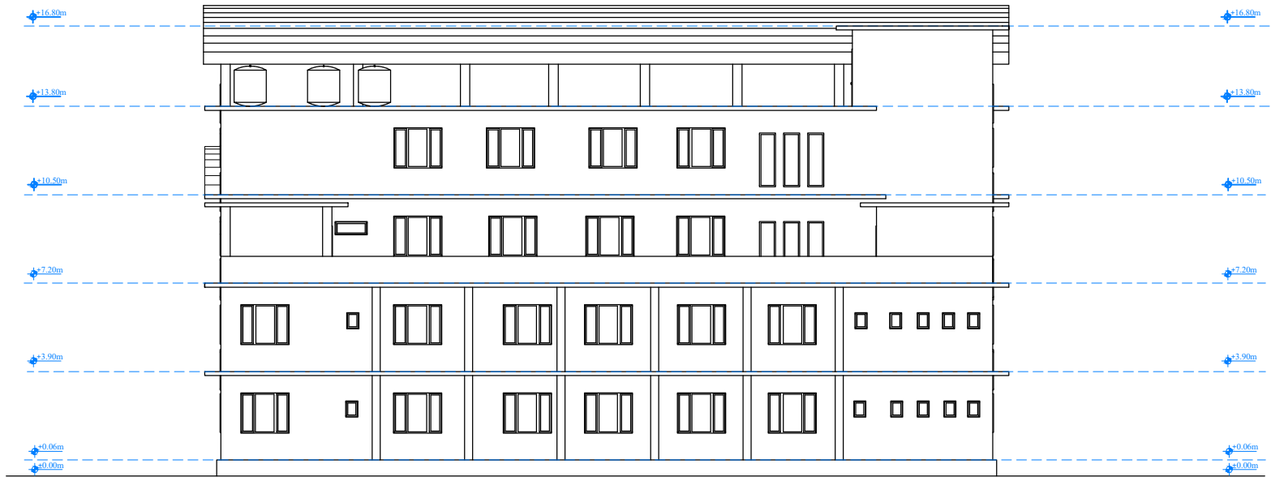
DWG NO: A/3.1

MILLIMETER-

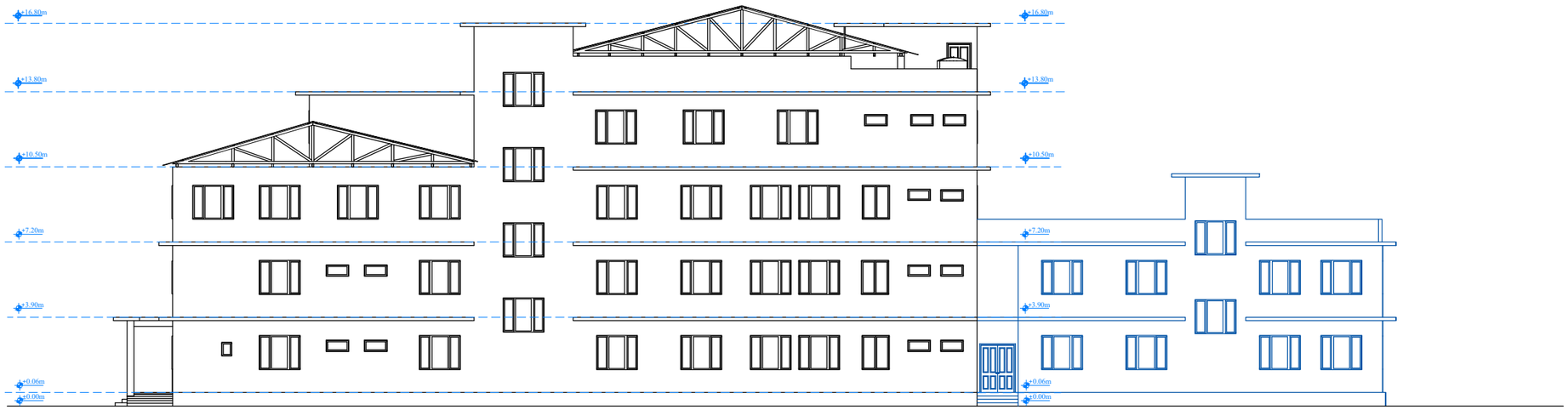
SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



BACK ELEVATION



RIGHT ELEVATION

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	ELEVATION VIEWS (BACK & RIGHT)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	6
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	21
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1 D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

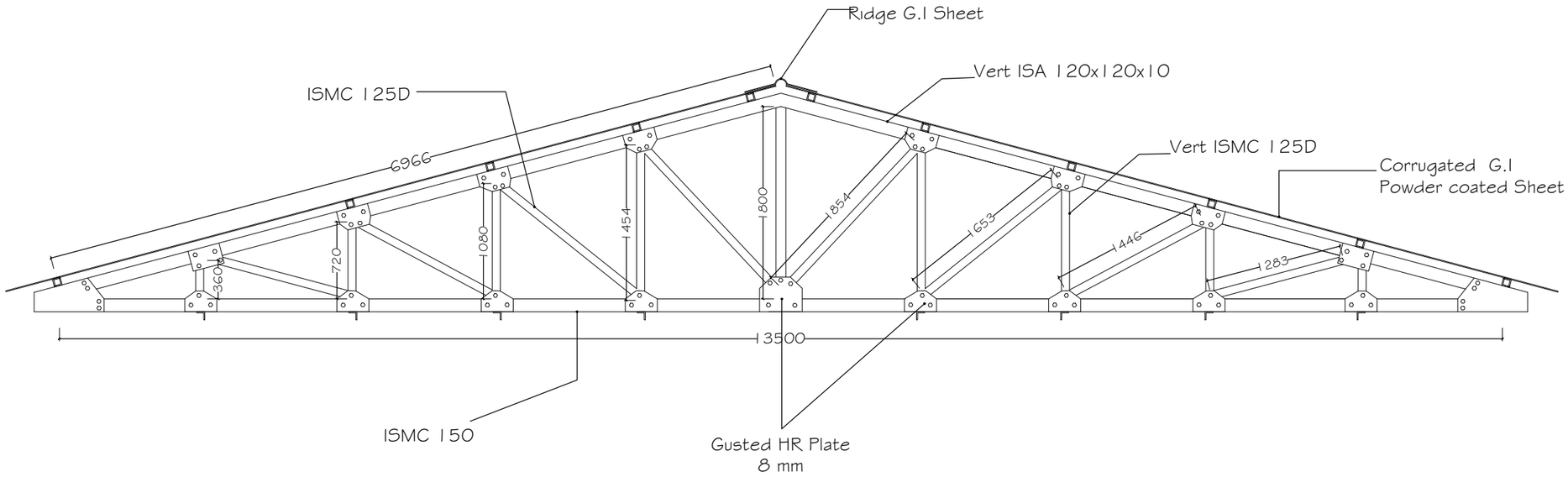
DWG NO: A/3.2

MILLIMETER-

SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	TRUSS DETAILS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
BARTHOLOMEW .J HEM, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: S/1.1

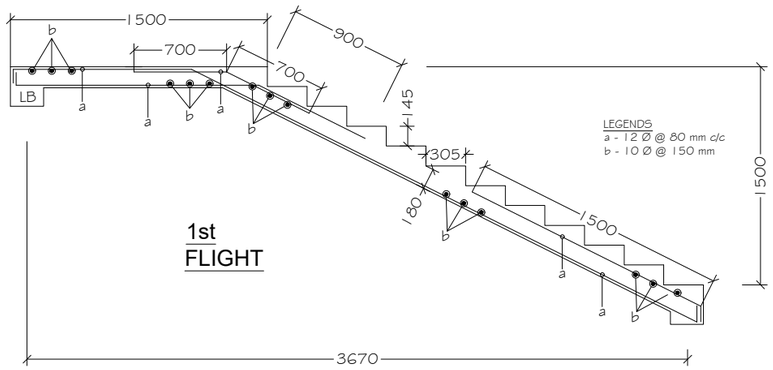
MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

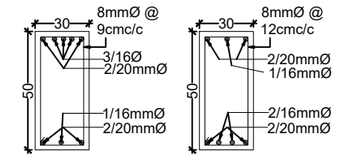
SHEET SIZE:
A3

DETAILS OF STAIRCASE (ST - 01)

Tread = 30 cm
Riser= 15 cm

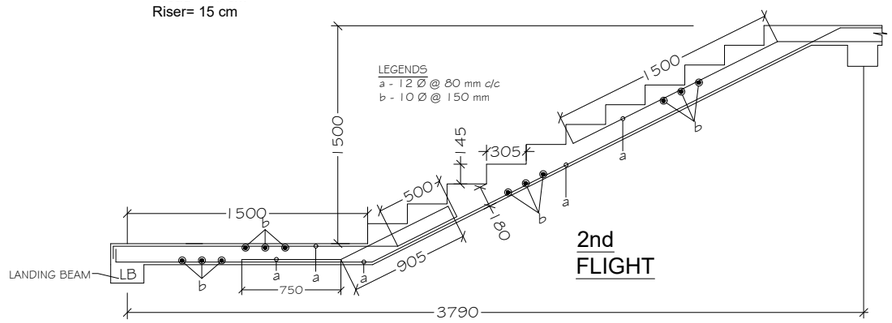


STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL

Tread = 30 cm
Riser= 15 cm



STAIRCASE -1

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**WILLIAMNAGAR, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

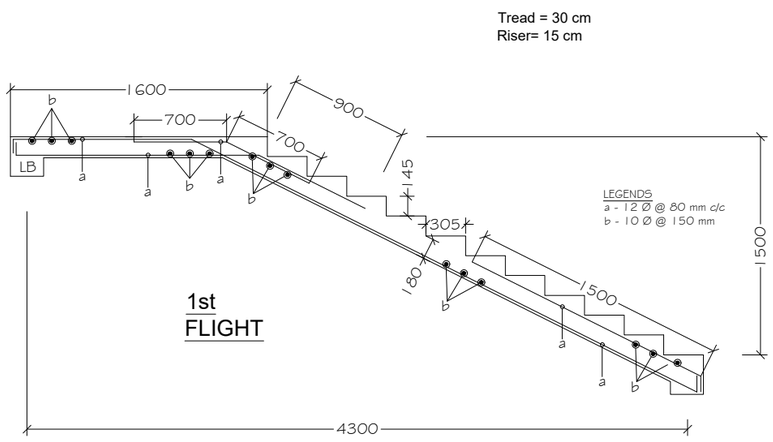
B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

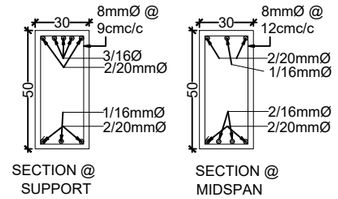
13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
FRANKIE BIAM HEM, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DETAILS OF STAIRCASE (ST - 02)



STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL

STAIRCASE -2

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**WILLIAMNAGAR, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

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5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

7. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.

8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
9. LAP AND ANCHORAGE LENGTH (Ld) OF BARS SHALL BE 47 TIMES OF BAR DIA . FOR MIX 1:1.5:3 LAP SHALL SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAX. BENDING MOMENT.

10. REINFORCEMENT SHALL HAVE CONCRETE COVER AND THICKNESS OF SUCH COVER (EXCLUSIVE OF PLASTER AND OTHER DECORATIVE FINISH) SHALL BE AS FOLLOWS :-

A) AT THE END OF THE REINFORCEMENT BAR,NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.

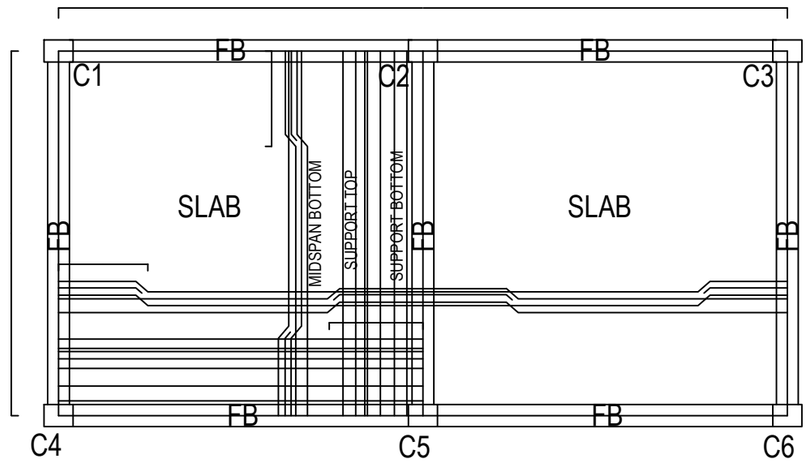
B) FOR LONGITUDINAL REINFORCING BAR IN A BEAM NOT LESS THAN 25MM NOR LESS THAN THE DIA OF SUCH BAR.
11. THE SAFE BEARING CAPACITY OF SOIL IS CONSIDERED AS 15.77 TON/ SQ.M AT A DEPTH OF 2.00M. THIS CAPACITY NEEDS TO BE CONFIRMED BY CONDUCTING A PLATE-LOAD TEST.

12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
FRANKIE BIAM HEM, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

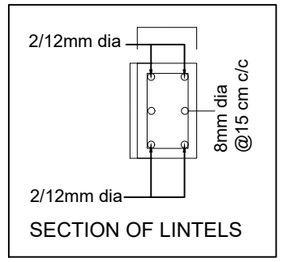
TYPICAL DETAILS OF SLAB



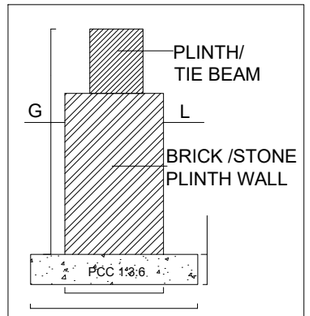
TYPICAL PLAN

TABLE OF SLAB REINFORCEMENT

Slab name	Thickness	x- direction				Y- direction			
		At Midspan		At Support		At Midspan		At Support	
		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
SLAB OR DROP SLAB @ FIRST,SECOND & TERRACE FLOOR LEVEL	12.5CM	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c
CANT SLAB OR CANT DROP SLAB @ FIRST , SECOND & TERRACE FLOOR LEVEL	10CM	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c



SECTION OF LINTELS



SECTION OF PLINTH WALL

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

SITE DETAILS

LOCATION WILLIAMNAGAR, MEGHALAYA

DRAWING DETAILS	
TITLE	PLINTH WALL& SLAB DETAILS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	

NOTES

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C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

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8. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS NOT LESS THAN 500N/sqmm.
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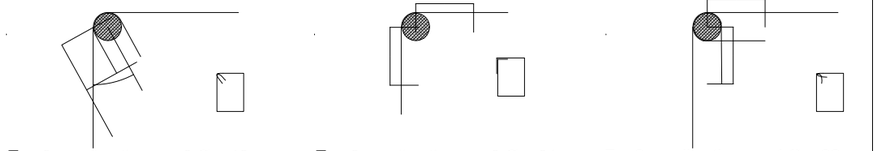
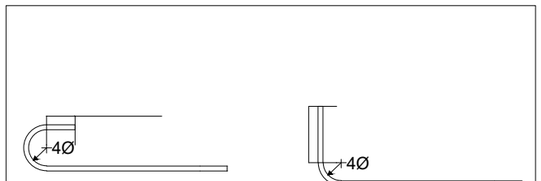
12. THE POSITION OF HOOKS OF COLUMN TIES SHALL BE VERTICALLY
STAGGERED AND PLACED OPPOSITE FACE FOR ALTERNATE TIES.

13. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION .

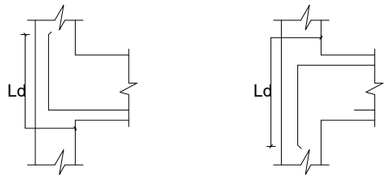
DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
FRANKIE BIAM HEM, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



TYPICAL WAYS OF ANCHORING ENDS OF STIRRUPS IN BEAMS AND COLUMNS



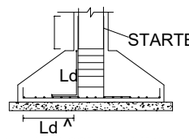
STANDARD HOOK AND BEND



DEVELOPMENT LENGTH 'Ld' FOR BEAM AND SLAB

DEVELOPMENT LENGTH 'Ld' for *Deformed Bars*

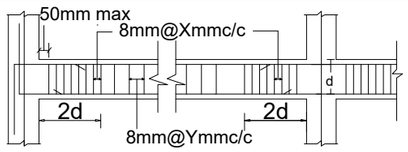
Bar Diameter (mm)	'Ld' for Grade of Concrete (cm)		
	M15	M20	M25
6	33.8	28.2	24.2
8	45.1	37.6	32.2
10	56.4	47.0	40.3
12	67.7	56.4	48.4
16	90.3	75.2	64.5
20	112.8	94.0	80.6
25	141.0	117.5	100.7



^ -Provide standard 90° bend if the bar is required to bent upward to get the required development length

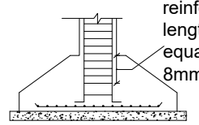
* -Use of starter bars or continous bars depends upon the distance between the ground floor level and the level of foundation

DEVELOPMENT LENGTH 'Ld' of COLUMN FOOTING

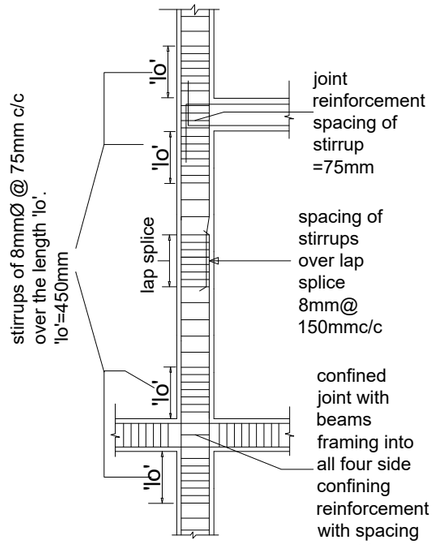


NOTE:d is the effective depth of beams
NOTE:X is variable and is as per detailing
NOTE:y is variable and is as per detailing

BEAM REINFORCEMENT



PROVISION OF SPECIALCONFINING REINFORCEMENT IN FOOTING



COLUMN AND JOINT DETAILING

TYPICAL DRAWING AND DETAILS SPACING OF REINFORCEMENT FOR BEAMS,COLUMNS &FOOTING AS PER IS 13920:1993

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

SITE DETAILS
LOCATION WILLIAMNAGAR, MEGHALAYA

DRAWING DETAILS	
TITLE	STRUCTURAL SPECIFICATION
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	

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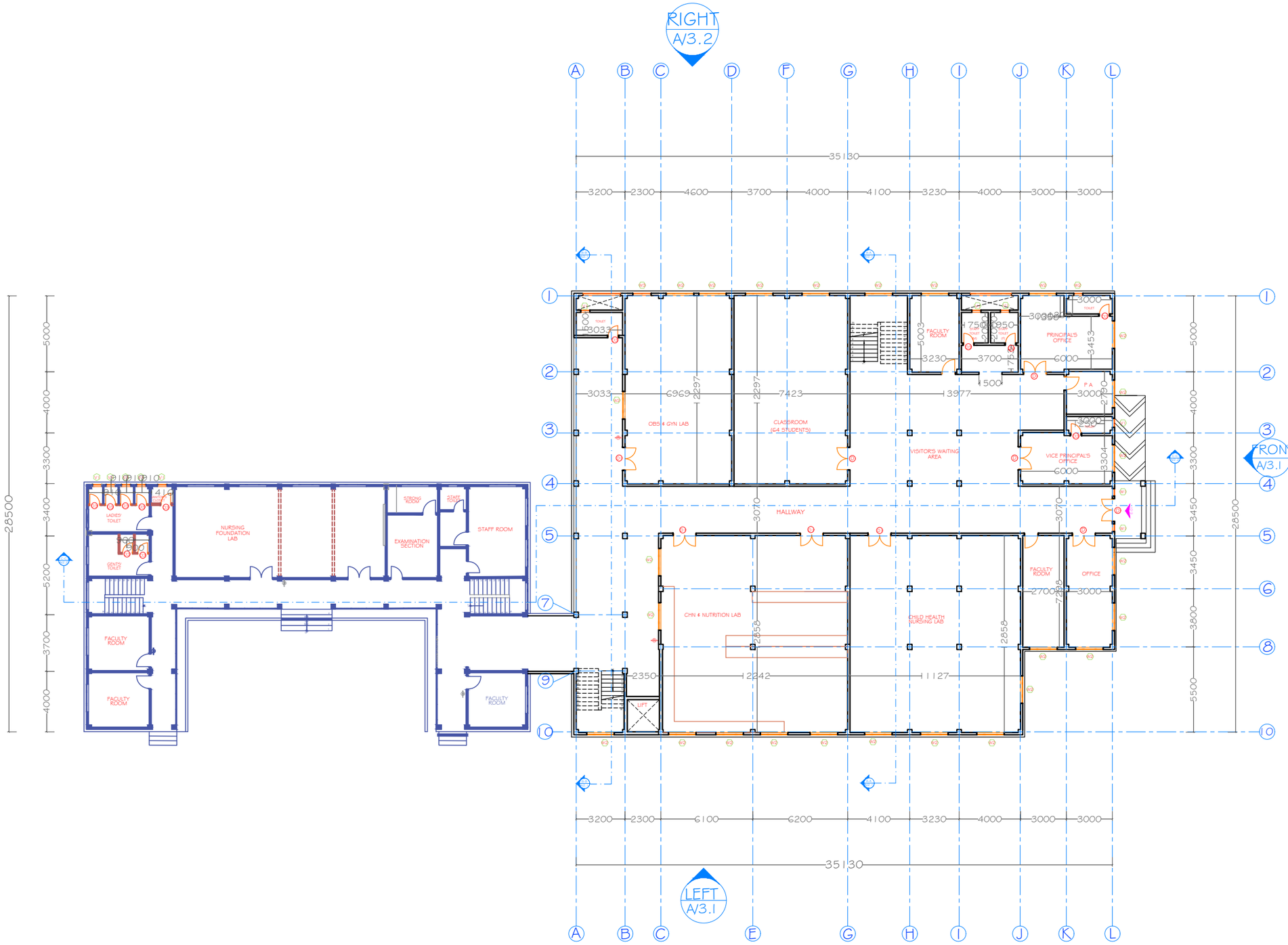
	DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
	FRANKIE BIAM HEM, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	GROUND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING
RENOVATION
NEW STRUCTURE
DEMOLITION

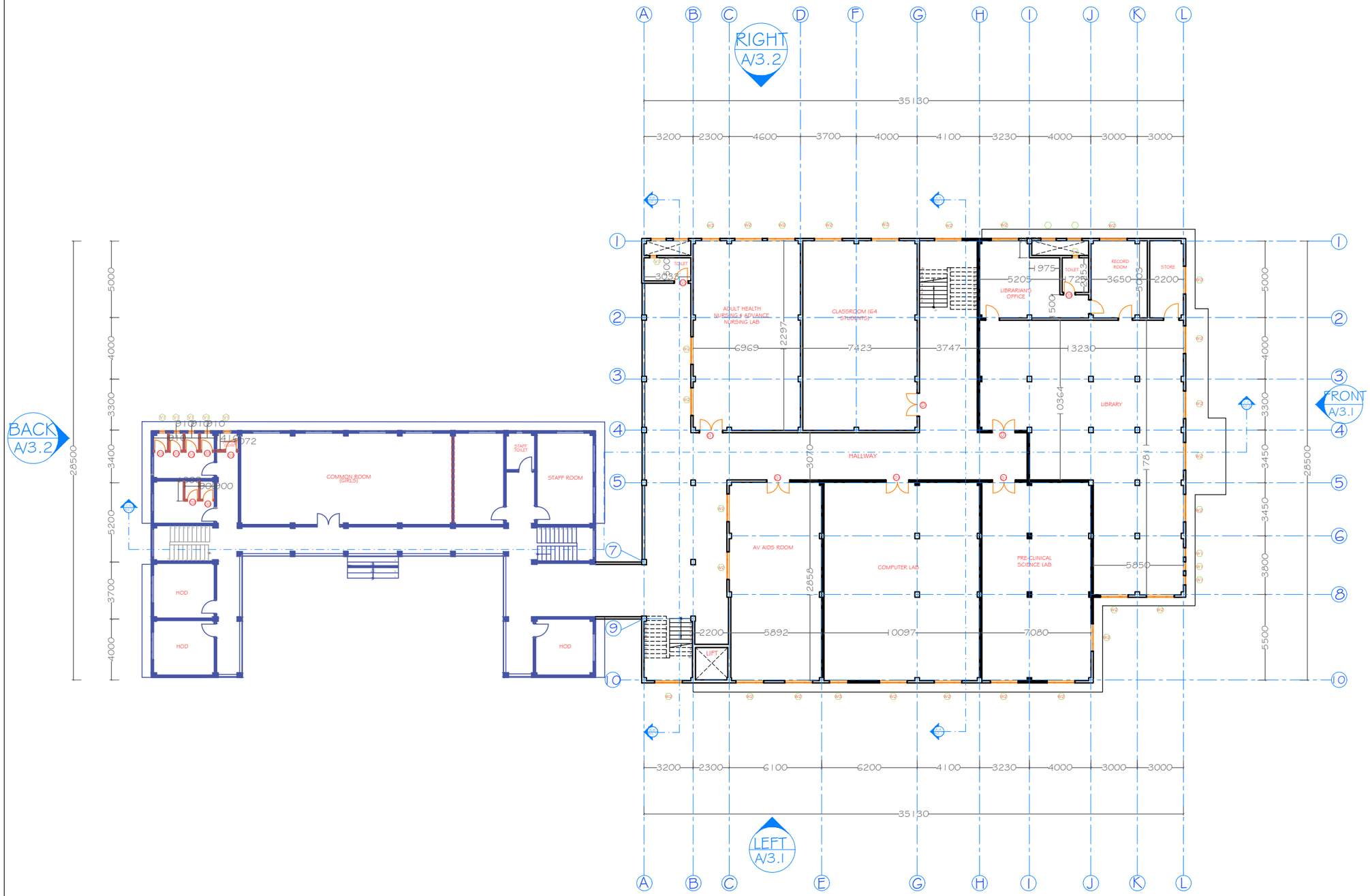
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.1

MILLIMETER-

SCALE BAR 1:100
0 5 10 15 20

SHEET SIZE:
A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	FIRST FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
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D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING
RENOVATION
NEW STRUCTURE
DEMOLITION

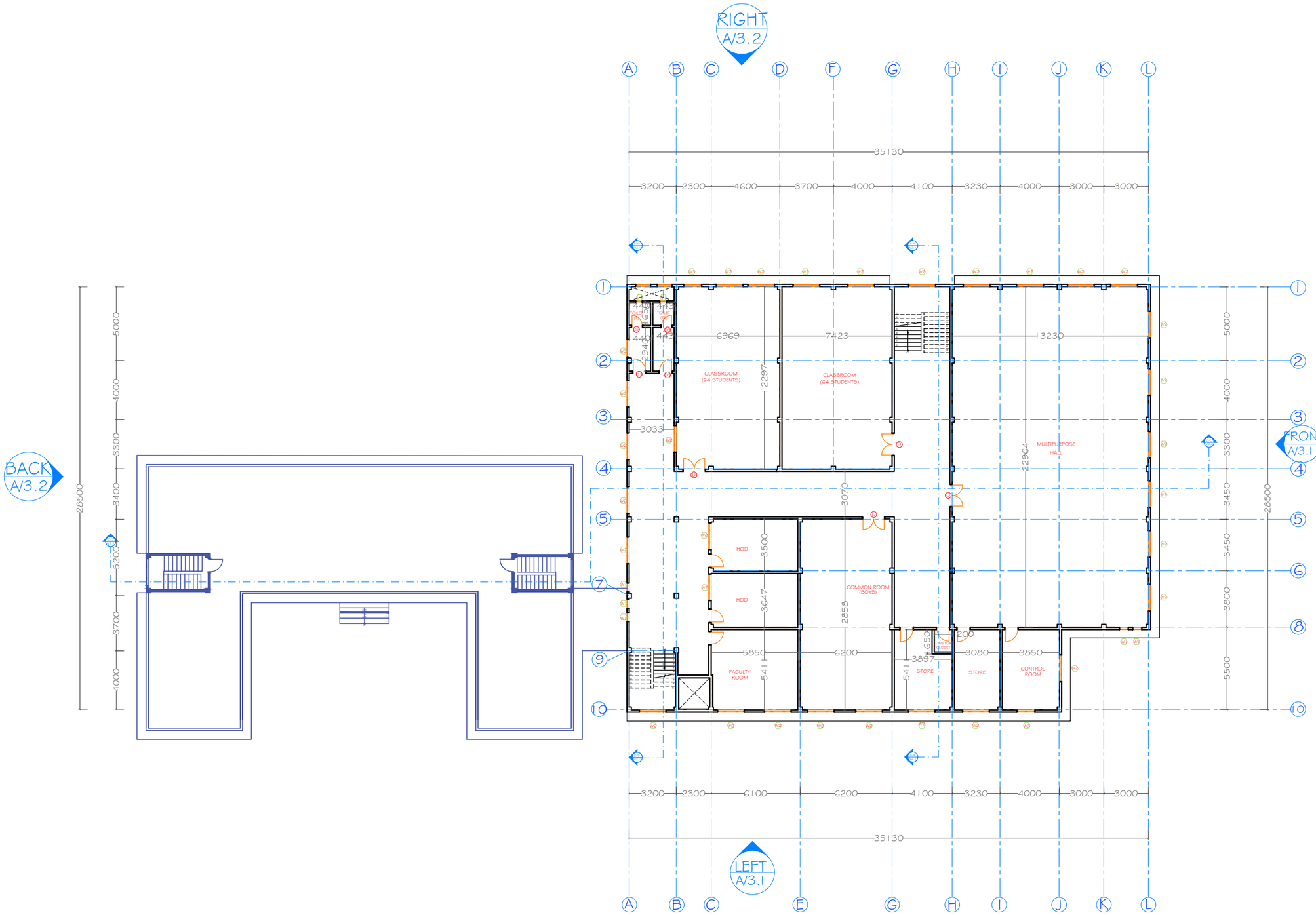
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.2

MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

SHEET SIZE:
A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (in SQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:	
TITLE	SECOND FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
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W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

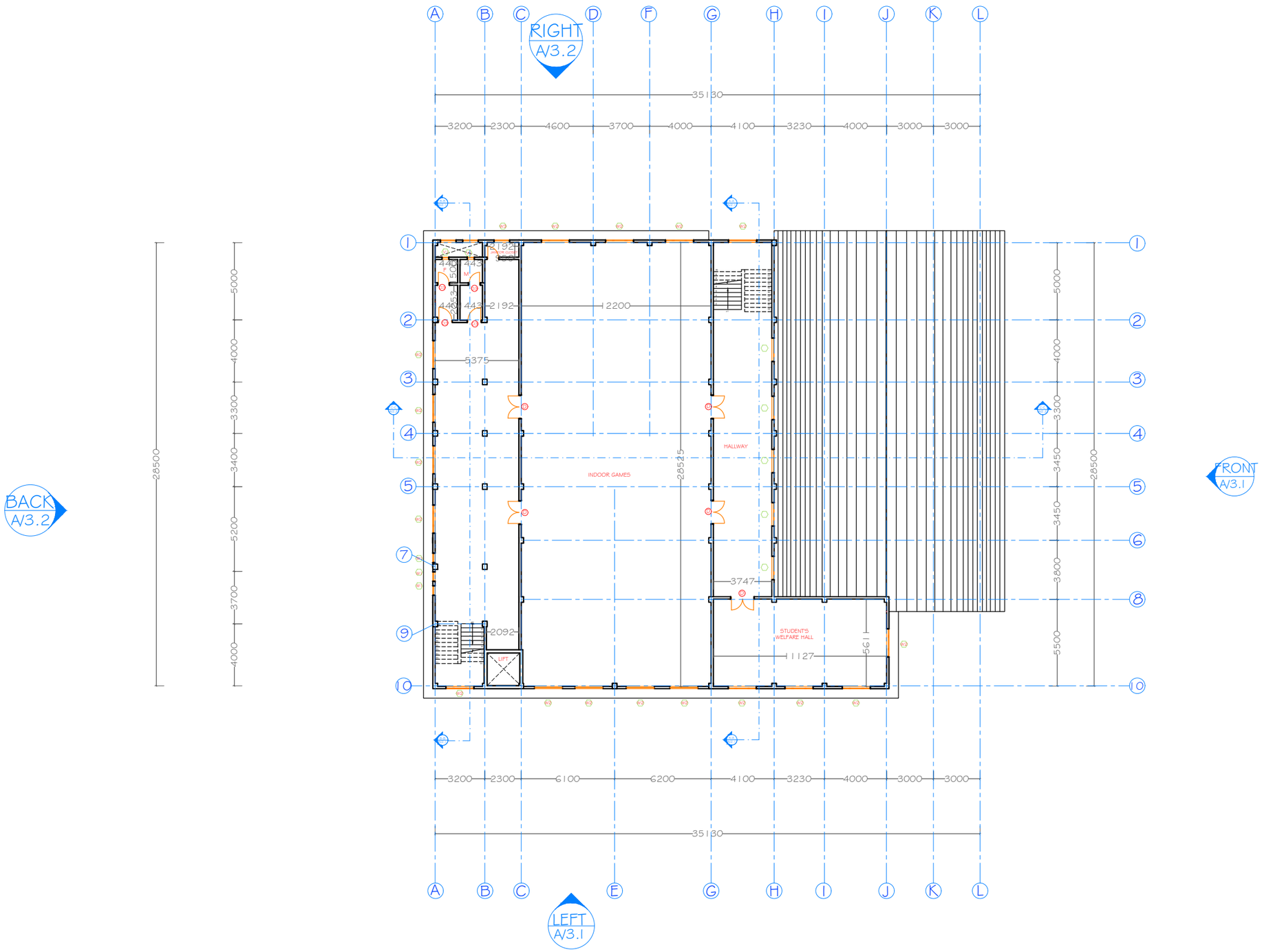
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.3

MILLIMETER-

SCALE BAR 1:100

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	THIRD FLOOR PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.4

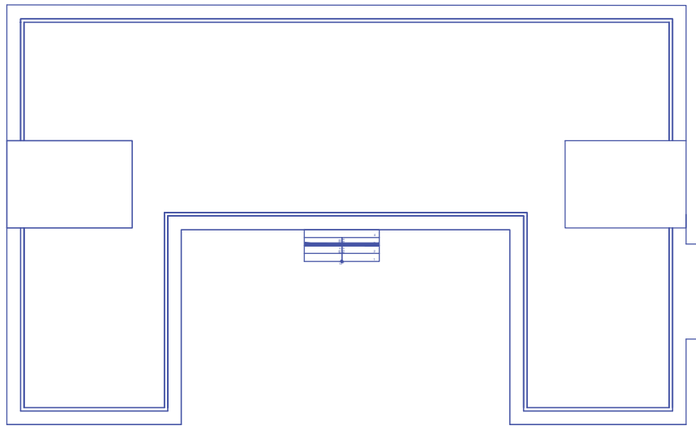
MILLIMETER-

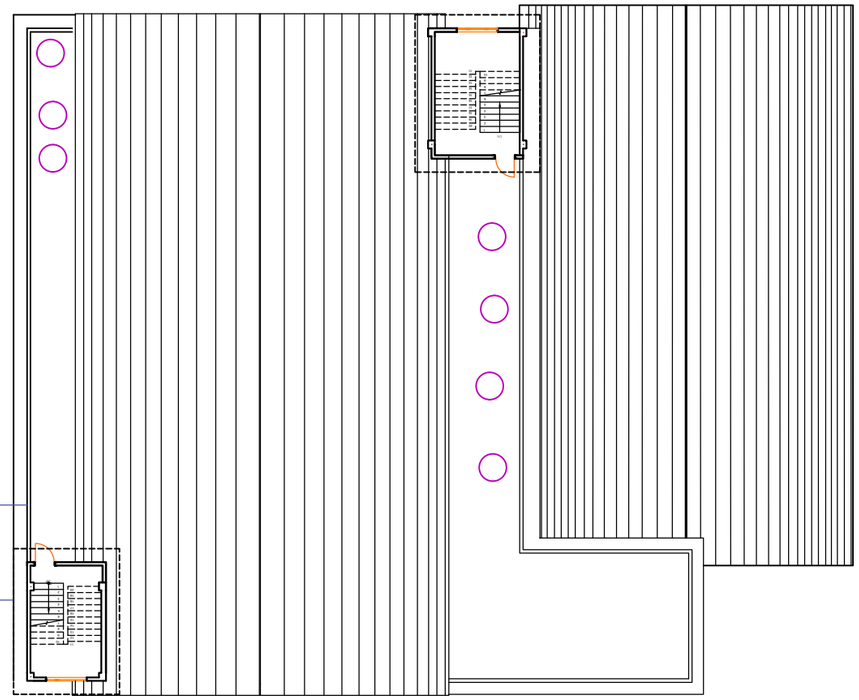
SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

SHEET SIZE: A3

RIGHT
A/3.2

BACK
A/3.2





FRONT
A/3.1

LEFT
A/3.1

NOTES

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	ROOF PLAN
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	29

EXISTING BUILDING

NEW STRUCTURE

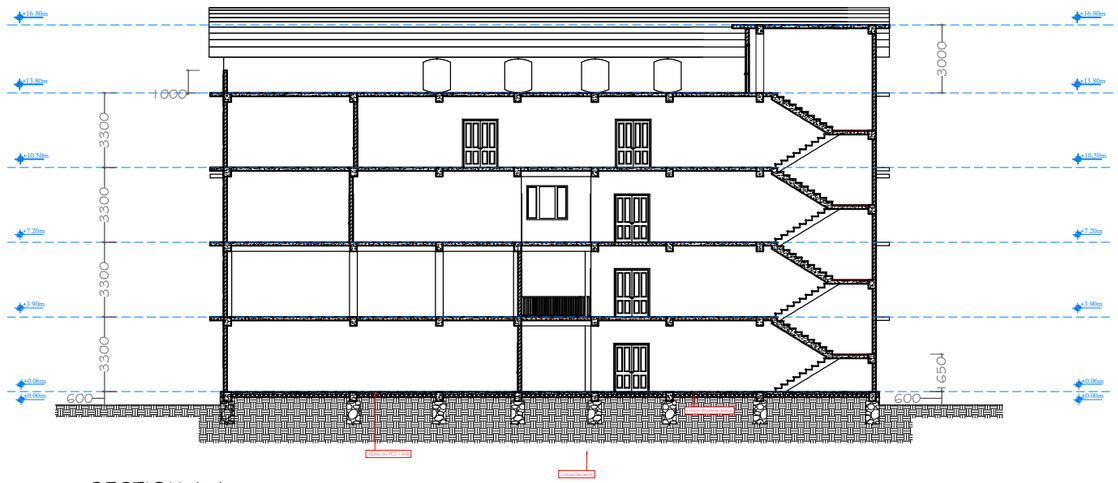
DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: A/1.5

MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

SHEET SIZE:
A3



SECTION A-A

SECTION B-B

NOTES

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	SECTIONAL VIEWS A-A & B-B
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

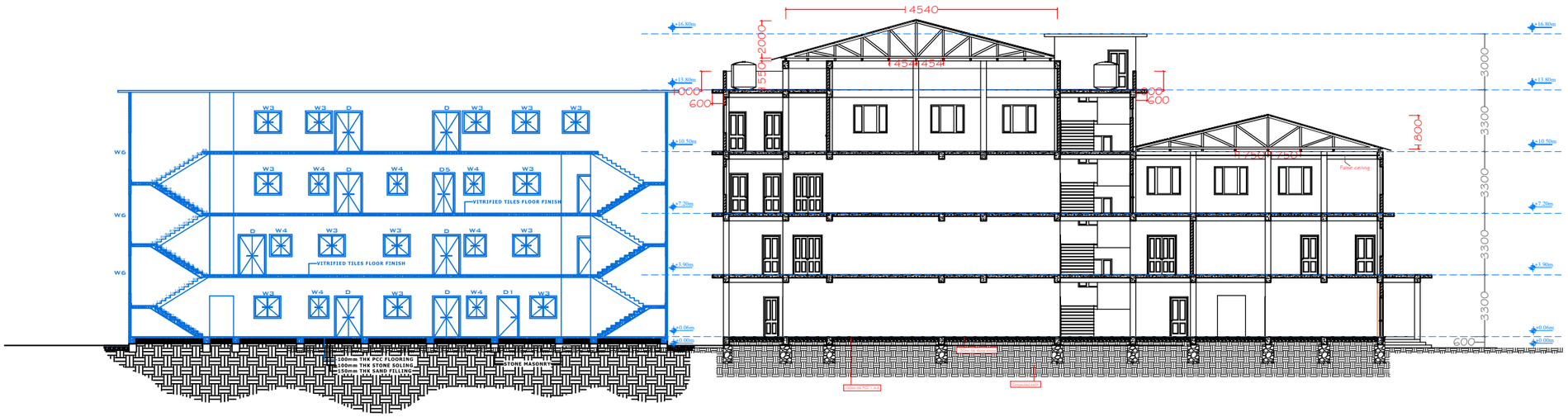
DWG NO: A/2.1

SHEET SIZE: A3

MILLIMETER-

SCALE BAR 1:100

0 1 2 3 4 5 10 15 20



SECTION C-C

NOTES

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	SECTIONAL VIEW C-C
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	1.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

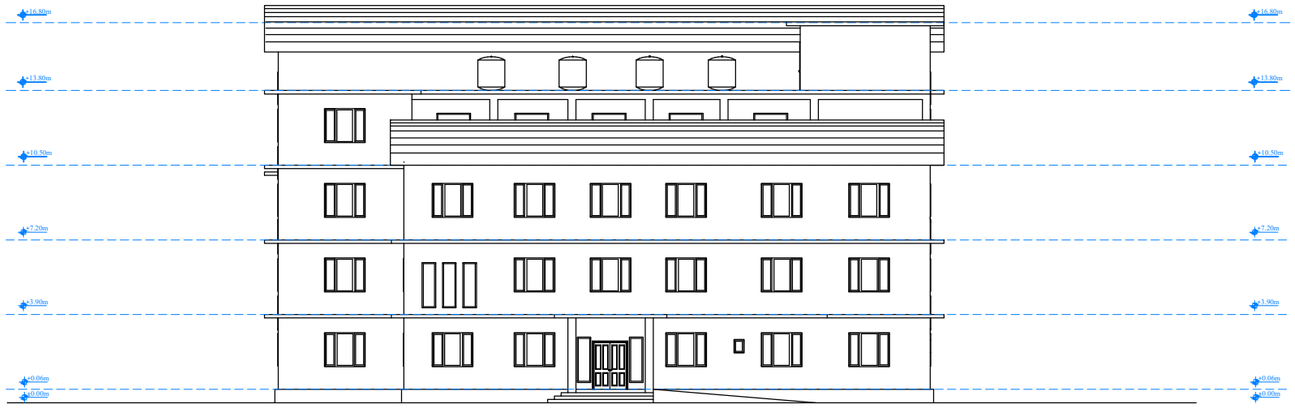
DWG NO: A/2.2

MILLIMETER-

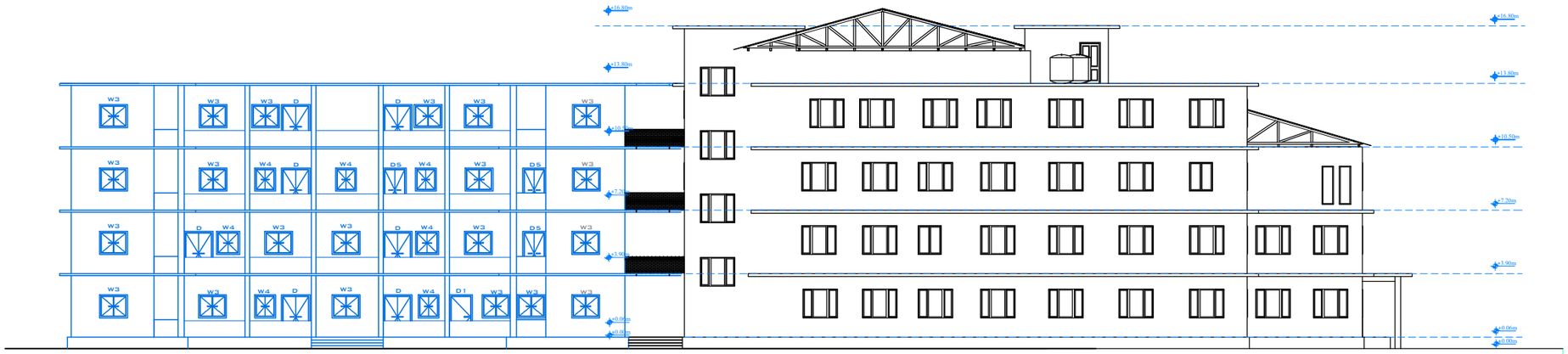
SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



FRONT ELEVATION



LEFT

NOTES

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	ELEVATION (FRONT & LEFT)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

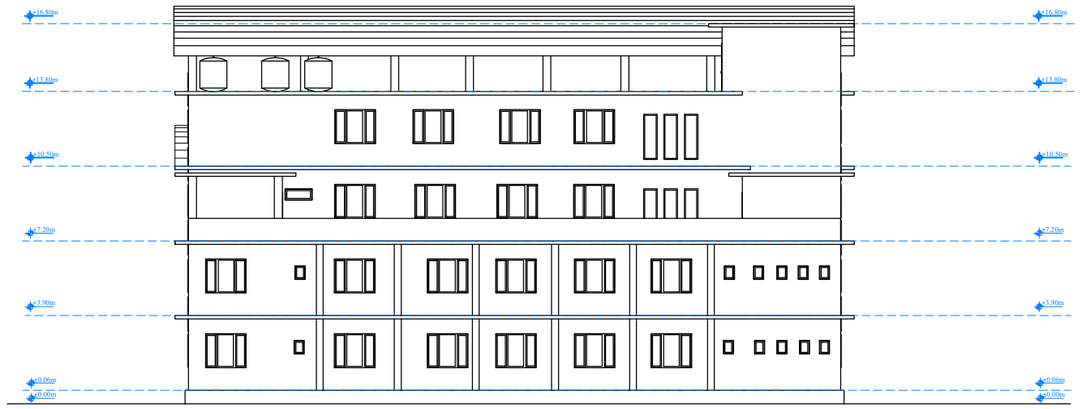
DWG NO: A/3.1

MILLIMETER-

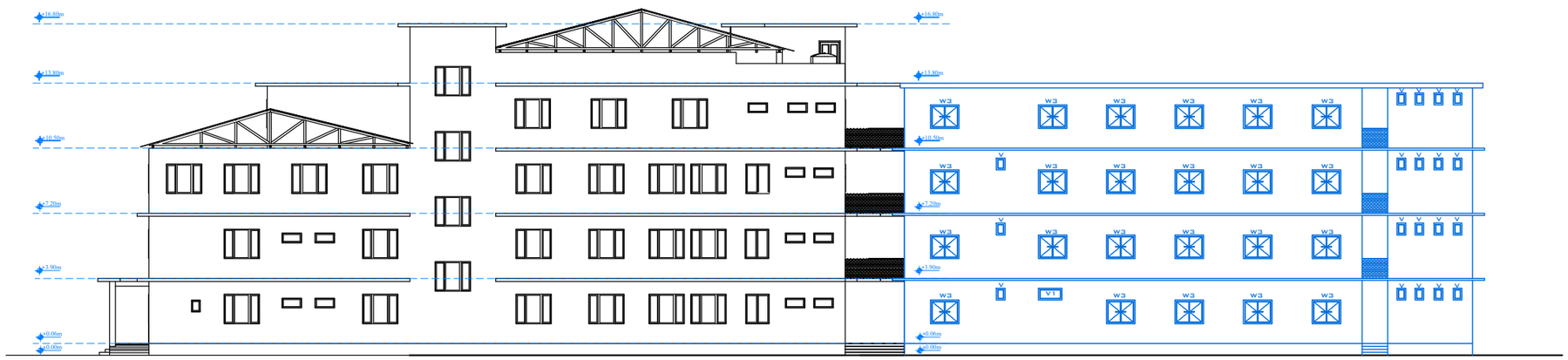
SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



BACK ELEVATION



FRONT ELEVATION

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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	WILLIAMNAGAR, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	ELEVATIONS (BACK & RIGHT)
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

SCHEDULE OF WINDOWS (IN METERS):

TYPE	W x H	SILL	TYPE & MATERIAL	QTY.
W1	0.6x2.0	0.3	UPVC FIXED GLASS WINDOWS	13
W2	.8x1.6	1.0	UPVC TRIPLE CASEMENT WINDOWS(MIDDLE SASH FIXED)	96
W3	1.2x1.6	1.0	UPVC DOUBLE CASEMENT WINDOWS	7
V1	0.45X0.6	1.6	UPVC AWNING WINDOWS	20
V2	1.5x0.5	1.6	UPVC AWNING WINDOWS	6

SCHEDULE OF DOORS (IN METERS):

TYPE	W x H	TYPE & MATERIAL	QTY.
D	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR	16
D1	1.5x2.1	UPVC DOUBLE LEAF SWING DOOR WITH VISION GLASS PANELS	8
D2	1.0X2.1	UPVC SINGLE LEAF SWING DOOR	13
D3	0.75x2.1	UPVC SINGLE LEAF SWING DOOR	17

EXISTING BUILDING

NEW STRUCTURE

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
RIMEKA D. RANEE HEALTH ARCHITECT, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

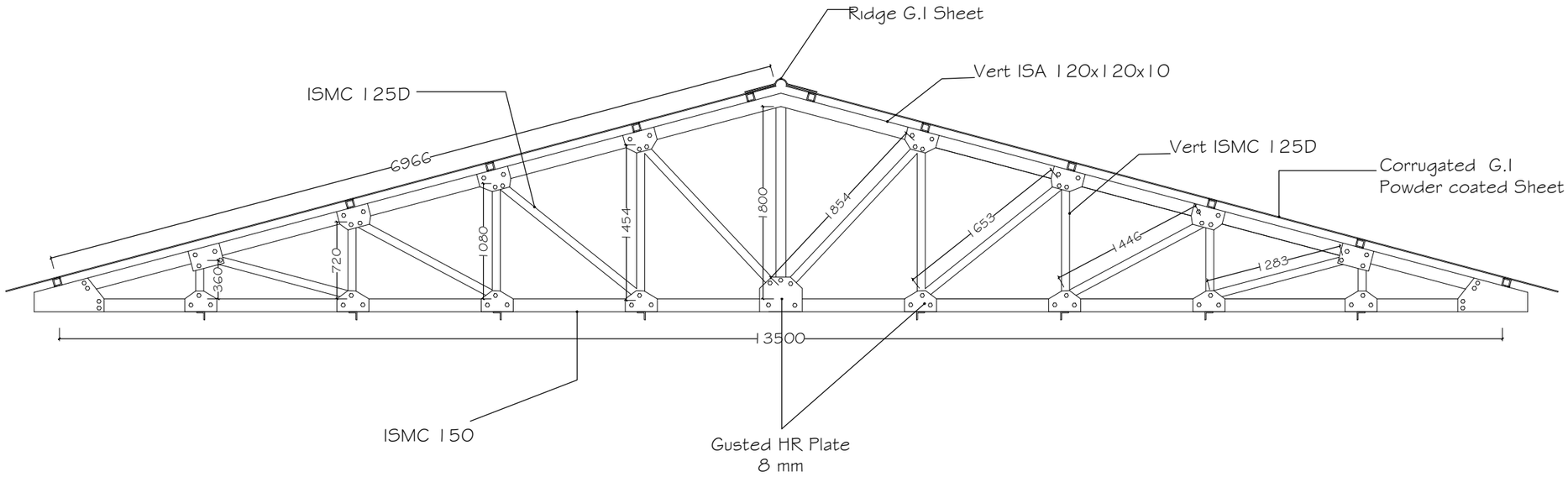
DWG NO: A/3.2

MILLIMETER-

SCALE BAR 1:100

0 1 2 3 4 5 10 15 20

SHEET SIZE: A3



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PROJECT TITLE:

NURSING ACADEMIC BLOCK

N

SITE DETAILS

LOCATION	NONGSTOIN, MEGHALAYA
FLOOR AREA (inSQM)	GROUND FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 991.17 FIRST FLOOR - 678.96

DRAWING DETAILS:

TITLE	TRUSS DETAILS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	01.04.2024

DRAWN BY:	CHECKED BY:	COUNTERSIGNED BY:	APPROVED BY:
BARTHOLOMEW .J HEM, MHSSP	FRANKIE BIAM HEM, MHSSP	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DWG NO: S/1.1

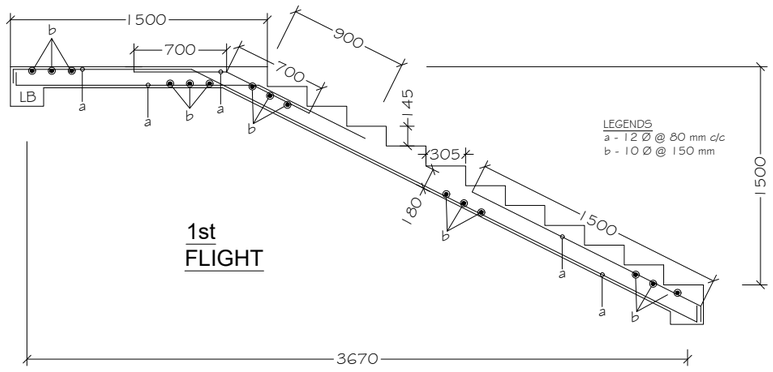
MILLIMETER-

SCALE BAR 1:100
0 1 2 3 4 5 10 15 20

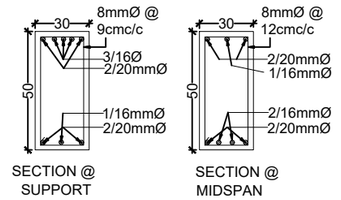
SHEET SIZE:
A3

DETAILS OF STAIRCASE (ST - 01)

Tread = 30 cm
Riser= 15 cm

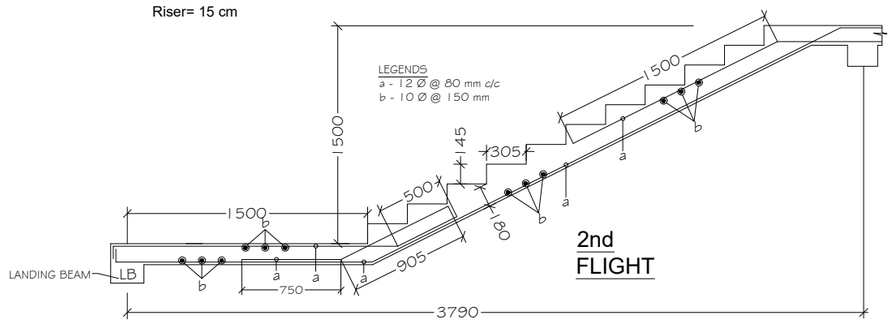


STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL

Tread = 30 cm
Riser= 15 cm



STAIRCASE -1

NOTES

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**NONGSTOIN, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

NOTES

1.THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING.

2.DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER.

3.ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.

4.ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED AND NO DIMENSION SHALL BE SCALED.

5.ALL R.C.C. WORK SHALL BE OF M25 GRADE.
6. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-

A) FOOTING : 50 MM
B) BEAM : 25 MM
C) SLAB : 20 MM
D) COLUMN : 40 MM
E) STAIRCASE SLAB : 20 MM

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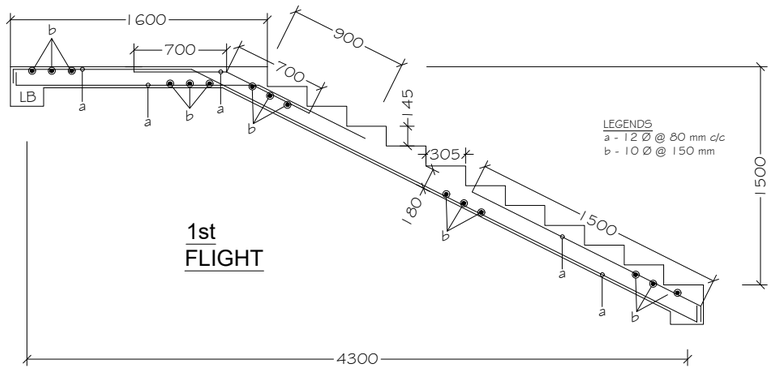
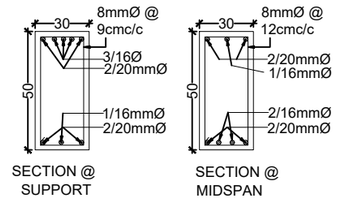
DRAWN BY	CHECKED BY	COUNTERSIGNED BY	APPROVED BY
FRANKIE BIAM HEM, MHSSP	KYRSHANSKHEM DHAR HEC, NHM	R. WANNIANG EXECUITVE ENGINEER, HEW	RAMKUMAR S (IAS) MISSION DIRECTOR, NHM

DETAILS OF STAIRCASE (ST - 02)

Tread = 30 cm
Riser= 15 cm

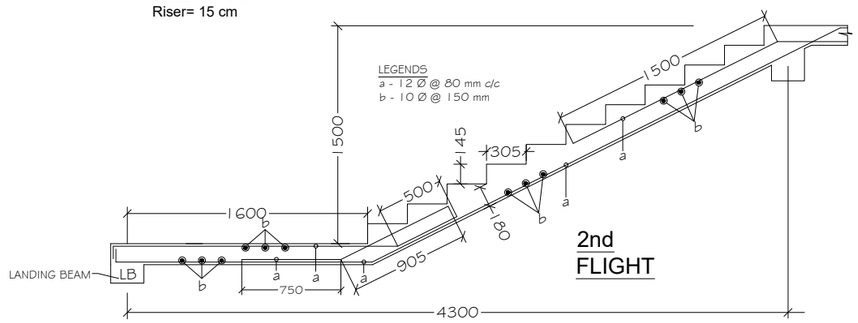


STAIRCASE DETAILS



C-SECTION OF LANDING BEAMS / LB1 @
FIRST to TERRACE FLOOR LEVEL

Tread = 30 cm
Riser= 15 cm



STAIRCASE -2

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

N

SITE DETAILS	
LOCATION	**NONGSTOIN, MEGHALAYA**
DRAWING DETAILS	
TITLE	**STAIRCASE DETAILS**
DRAWN BY	**HEW, GOM**
CHECKED BY	**HEW, GOM**
DATE OF ISSUE	

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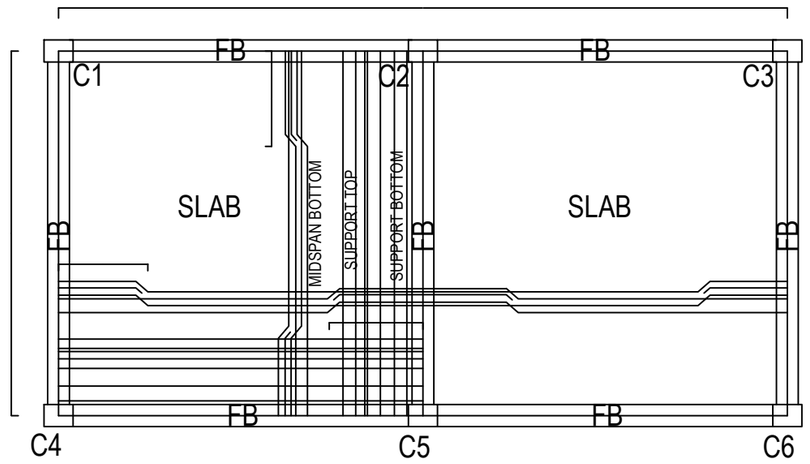
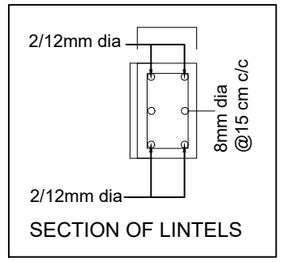
TYPICAL DETAILS OF SLAB



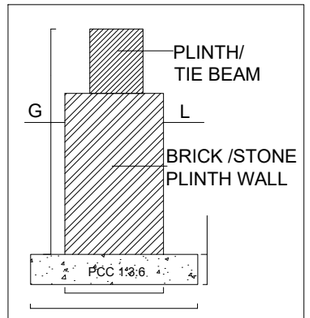
TYPICAL PLAN

TABLE OF SLAB REINFORCEMENT

Slab name	Thickness	x- direction				Y- direction			
		At Midspan		At Support		At Midspan		At Support	
		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
SLAB OR DROP SLAB @ FIRST,SECOND & TERRACE FLOOR LEVEL	12.5CM	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	Nil	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c
CANT SLAB OR CANT DROP SLAB @ FIRST , SECOND & TERRACE FLOOR LEVEL	10CM	12 mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c	12mm dia bar @ 12 cm c/c	12mm dia bar @ 24 cm c/c



SECTION OF LINTELS



SECTION OF PLINTH WALL

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PROJECT TITLE
SCHOOL OF NURSING UPGRADATION

SITE DETAILS
LOCATION NONGSTOIN, MEGHALAYA

DRAWING DETAILS	
TITLE	PLINTH WALL& SLAB DETAILS
DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	

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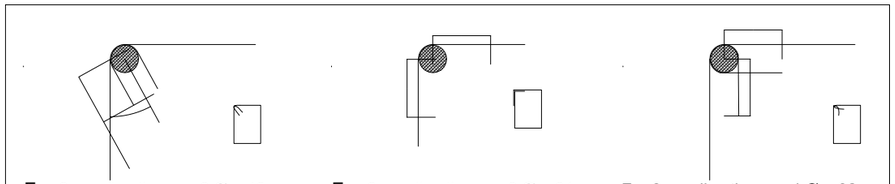
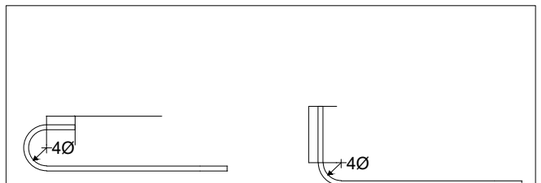
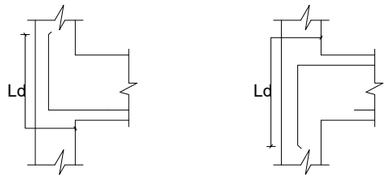


TYPICAL WAYS OF ANCHORING ENDS OF STIRRUPS IN BEAMS AND COLUMNS



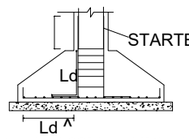
STANDARD HOOK AND BEND



DEVELOPMENT LENGTH 'Ld' FOR BEAM AND SLAB

DEVELOPMENT LENGTH 'Ld' for *Deformed Bars*

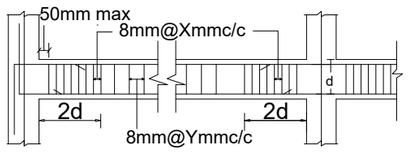
Bar Diameter (mm)	'Ld' for Grade of Concrete (cm)		
	M15	M20	M25
6	33.8	28.2	24.2
8	45.1	37.6	32.2
10	56.4	47.0	40.3
12	67.7	56.4	48.4
16	90.3	75.2	64.5
20	112.8	94.0	80.6
25	141.0	117.5	100.7



^ -Provide standard 90° bend if the bar is required to bent upward to get the required development length

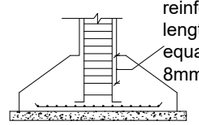
* -Use of starter bars or continous bars depends upon the distance between the ground floor level and the level of foundation

DEVELOPMENT LENGTH 'Ld' of COLUMN FOOTING

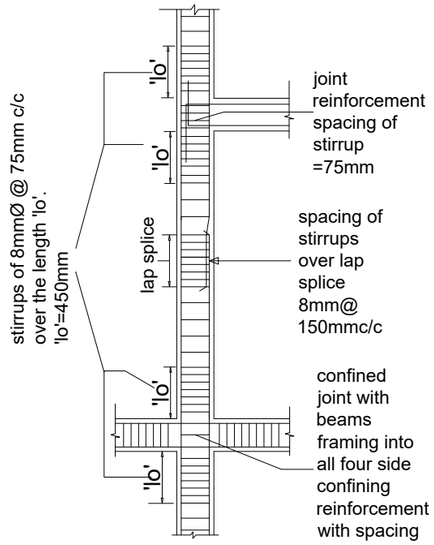


NOTE:d is the effective depth of beams
NOTE:X is variable and is as per detailing
NOTE:y is variable and is as per detailing

BEAM REINFORCEMENT



PROVISION OF SPECIALCONFINING REINFORCEMENT IN FOOTING



COLUMN AND JOINT DETAILING

TYPICAL DRAWING AND DETAILS SPACING OF REINFORCEMENT FOR BEAMS,COLUMNS &FOOTING AS PER IS 13920:1993

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SITE DETAILS
LOCATION NONGSTOIN, MEGHALAYA

DRAWING DETAILS	
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DRAWN BY	HEW, GOM
CHECKED BY	HEW, GOM
DATE OF ISSUE	

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