WAPCOS LIMITED

(भारत सरकार का उपक्रम)
जल शक्ति मंत्रालय
(A Government of India Undertaking)
Ministry of Jal Shakti

TENDER DOCUMENT FOR

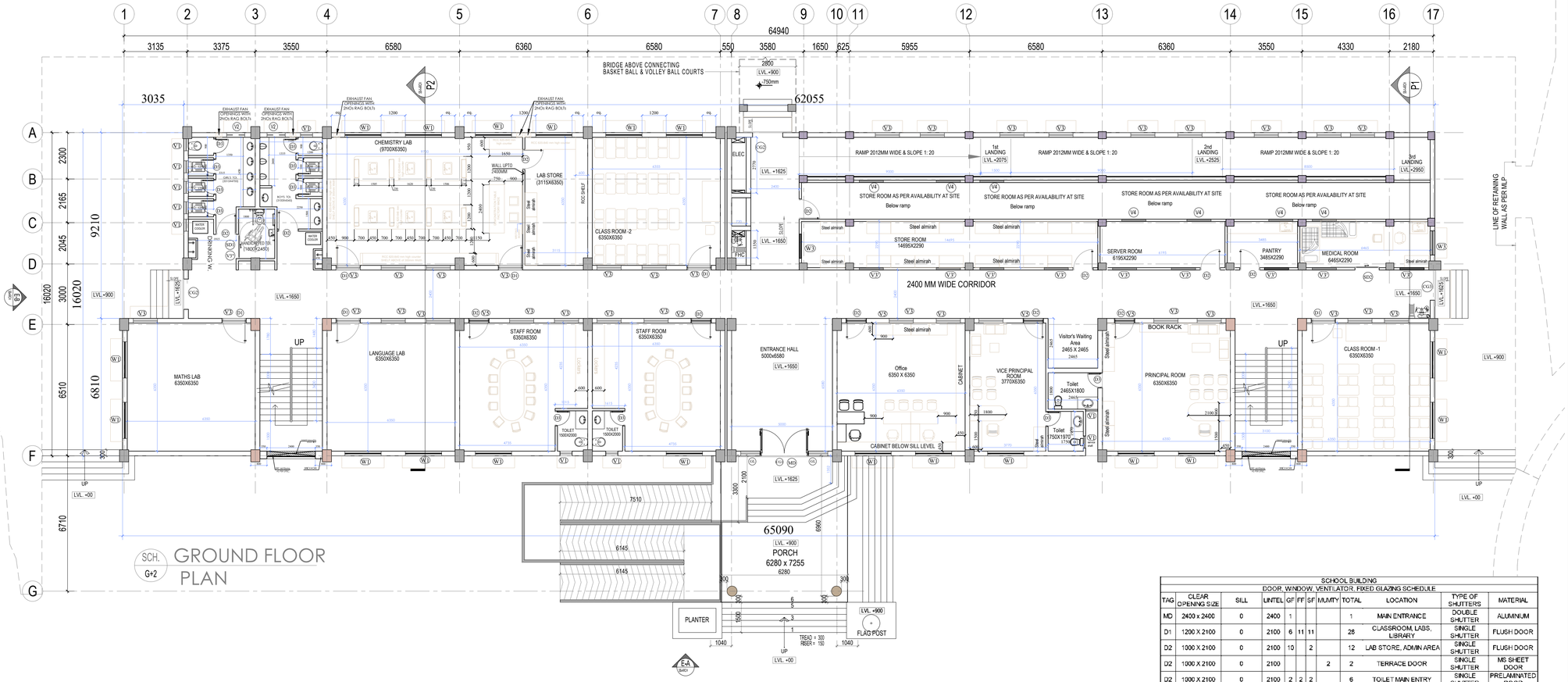
Construction of Eklavya Model Residential School at Boriguma, District - Koraput, Odisha

WAP/CMU-II/2023-24/ NESTS /Odisha/Boriguma/40

Date: 09-03-2024

SECTION – VII

TENDER DRAWINGS



FOR TENDER PURPOSE

AREA STATEMENT	
SCHOOL BUILDING	
DETAILS	AREA (in Sqm)
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	875.40
FIRST FLOOR PLINTH AREA	803.54
SECOND FLOOR PLINTH AREA	803.54
TOTAL AREA	**2482.48**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**21.51**
Ramp AREA	
AREA AT GROUND FLOOR (AREA/2)	**68.13**
AREA AT FIRST FLOOR (AREA/2)	**105.95**
TOTAL COVERED AREA (RAMP AREA EXCLUDED)	**2678.00**

SCHOOL BUILDING
DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTERS	MATERIAL
MD	2400 x 2400	0	2400	1				1	MAIN ENTRANCE	DOUBLE SHUTTER	ALUMINUM
D1	1200 X 2100	0	2100	6	11	11		28	CLASSROOM, LABS, LIBRARY	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100	10		2		12	LAB STORE, ADMIN AREA	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100				2	2	TERRACE DOOR	SINGLE SHUTTER	MS SHEET DOOR
D2	1000 X 2100	0	2100	2	2	2		6	TOILET MAIN ENTRY	SINGLE SHUTTER	PRELAMINATED DOOR
D3	750 X 2100	0	2100	11	7	7		25	WC DOOR	SINGLE SHUTTER	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1	1	1		3	H.TOILET	SLIDING DOOR	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1				1	MEDICAL ROOM	SLIDING DOOR	FLUSH DOOR
CG1	4500 X 2400	0	2400	1				1	MAIN ENTRANCE		COLLAPSIBLE GATE
CG2	2400 X 2100	0	2100	2				2	CORRIDOR END		COLLAPSIBLE GATE
CG3	1800 X 2100	0	2100	1				1	CORRIDOR END		COLLAPSIBLE GATE
W1	1500 X 1500	900	2400	19	26	28		73	CLASSROOM, ADMIN AREA, LABS, CORRIDOR END		STEEL GLAZED WINDOW
W2	1800 X 900	900	1800		2			2	RECREATIONAL ROOM		STEEL GLAZED WINDOW
W3	1200 X 1200	900	2100	2				2	PANTRY, STORE		STEEL GLAZED WINDOW
GL	960 X 2100	300	2400	2				2	MAIN ENTRANCE		ALUMINIUM FIXED GLAZING
V1	600 X 600	1800	2400	10	6	6		22	TOILET		STEEL SECTION
V2	900 X 1200	1200	2400	2	2	2		6	TOILET		STEEL SECTION
V3	1200 X 600	AS PER SITE	B.O.B	32	44	40		116	CLASSROOM, ADMIN AREA, LABS, RAMP		STEEL SECTION
V3'	1200 X 600	AS PER SITE	2100	9				9	STORE, SERVER, MEDICAL, PANTRY	sliding	ALUMINUM
V3"	1200 X 600	AS PER SITE	B.O.B	1	1	1		3	H.TOILET		STEEL SECTION
V4	1200 X 450	AS PER SITE	B.O.B	7				7	STORE, MEDICAL ROOM, PANTRY	sliding	ALUMINUM
V5	1000 X 600	AS PER SITE	B.O.B	5				5	STAFFROOM, OFFICE, V.PRINCIPAL, PRINCIPAL		STEEL SECTION

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजाति छात्र शिक्षा समिति (जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

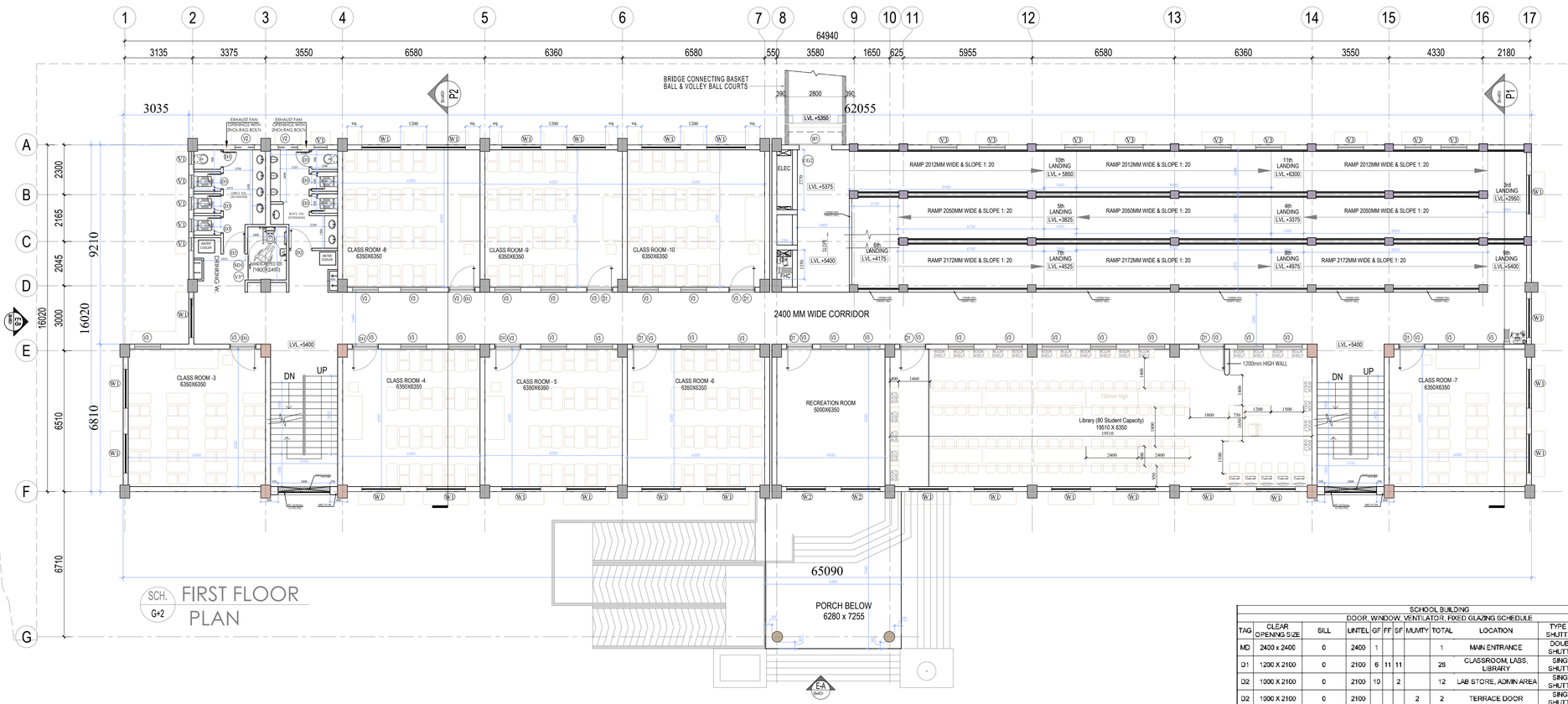
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
GROUND FLOOR PLAN
SCHOOL

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/SC/AR-01

DATE : FEBRUARY 2024

SCALE : **1:500** SHEET SIZE : **A3**



SCHOOL BUILDING
DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTERS	MATERIAL
MD	2400 x 2400	0	2400	1				1	MAIN ENTRANCE	DOUBLE SHUTTER	ALUMINIUM
D1	1200 X 2100	0	2100	6	11	11		28	CLASSROOM, LABS, LIBRARY	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100	10		2		12	LAB STORE, ADMIN AREA	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100				2	2	TERRACE DOOR	SINGLE SHUTTER	MS SHEET DOOR
D2	1000 X 2100	0	2100	2	2	2		6	TOILET MAIN ENTRY	SINGLE SHUTTER	PRELAMINATED DOOR
D3	750 X 2100	0	2100	11	7	7		25	WC DOOR	SINGLE SHUTTER	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1	1	1		3	H.TOILET	SLIDING DOOR	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1				1	MEDICAL ROOM	SLIDING DOOR	FLUSH DOOR
CG1	4800 X 2400	0	2400	1				1	MAIN ENTRANCE		COLLAPSIBLE GATE
CG2	2400 X 2100	0	2100	2				2	CORRIDOR END		COLLAPSIBLE GATE
CG3	1800 X 2100	0	2100	1				1	CORRIDOR END		COLLAPSIBLE GATE
W1	1800 X 1500	900	2400	19	26	28		73	CLASSROOM, ADMIN AREA, LABS, CORRIDOR END		STEEL GLAZED WINDOW
W2	1800 X 900	900	1800		2			2	RECREATIONAL ROOM		STEEL GLAZED WINDOW
W3	1200 X 1200	900	2100	2				2	PANTRY, STORE		STEEL GLAZED WINDOW
GL	960 X 2100	300	2400	2				2	MAIN ENTRANCE		ALUMINIUM FIXED GLAZING
V1	600 X 600	1800	2400	10	5	6		22	TOILET		STEEL SECTION
V2	900 X 1200	1200	2400	2	2	2		6	TOILET		STEEL SECTION
V3	1200 X 600	AS PER SITE	B.O.B	32	44	40		116	CLASSROOM, ADMIN AREA, LABS, RAMP		STEEL SECTION
V3'	1200 X 600	AS PER SITE	2100	9				9	STORE, SERVER, MEDICAL, PANTRY	sliding	ALUMINIUM
V3"	1200 X 600	AS PER SITE	B.O.B	1	1	1		3	H.TOILET		STEEL SECTION
V4	1200 X 450	AS PER SITE	B.O.B	7				7	STORE, MEDICAL ROOM PANTRY	sliding	ALUMINIUM
V5	1000 X 600	AS PER SITE	B.O.B	5				5	STAFFROOM, OFFICE, V.PRINCIPAL, PRINCIPAL		STEEL SECTION

FOR TENDER PURPOSE

AREA STATEMENT	
SCHOOL BUILDING	
DETAILS	AREA (in Sqm)
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	875.40
FIRST FLOOR PLINTH AREA	803.54
SECOND FLOOR PLINTH AREA	803.54
TOTAL AREA	**2482.48**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**21.51**
Ramp AREA	
AREA AT GROUND FLOOR (AREA/2)	**68.13**
AREA AT FIRST FLOOR (AREA/2)	**105.95**
TOTAL COVERED AREA (RAMP AREA EXCLUDED)	**2678.00**

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs)
राष्ट्रीय आदिवासी छात्र शिक्षा सोसायटी (आदिवासी मामले मंत्रालय अन्तर्गत स्वायत्त संगठन) भारत सरकार

PROJECT MANAGEMENT CONSULTANT :
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ISO 9001:2015
Ministry of Jal Shakti

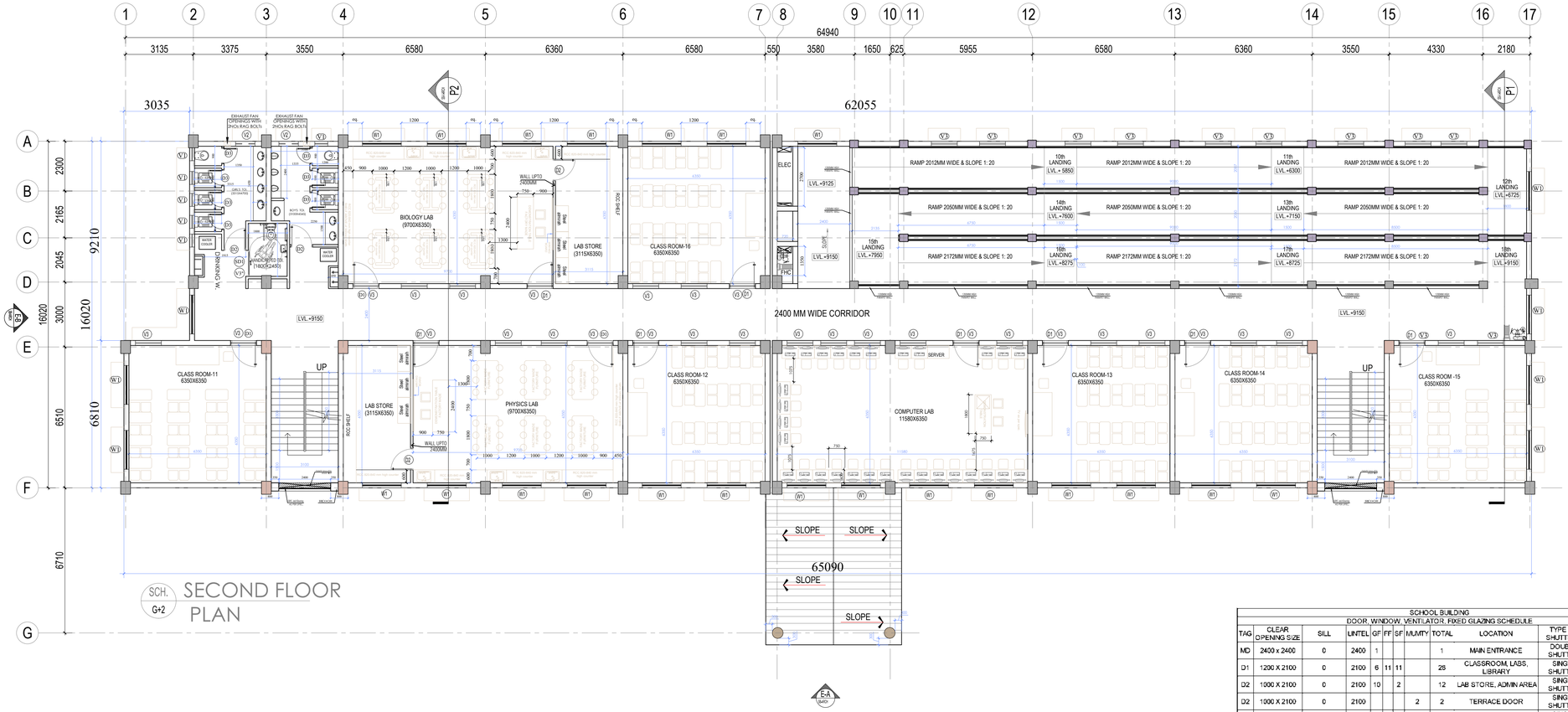
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
FIRST FLOOR PLAN
SCHOOL

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/SC/AR-02

DATE : FEBRUARY 2024

SCALE : **1:500**
SHEET SIZE : **A3**



SCHOOL BUILDING										
DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE										
TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTERS	MATERIAL
MD	2400 x 2400	0	2400	1				1	MAIN ENTRANCE	DOUBLE SHUTTER	ALUMINUM
D1	1200 X 2100	0	2100	6	11	11		28	CLASSROOM, LABS, LIBRARY	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100	10		2		12	LAB STORE, ADMIN AREA	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100				2	2	TERRACE DOOR	SINGLE SHUTTER	MS SHEET DOOR
D2	1000 X 2100	0	2100	2	2	2		6	TOILET MAIN ENTRY	SINGLE SHUTTER	PRELAMINATED DOOR
D3	750 X 2100	0	2100	11	7	7		25	WC DOOR	SINGLE SHUTTER	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1	1	1		3	H.TOILET	SLIDING DOOR	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1				1	MEDICAL ROOM	SLIDING DOOR	FLUSH DOOR
CG1	4800 X 2400	0	2400	1				1	MAIN ENTRANCE		COLLAPSIBLE GATE
CG2	2400 X 2100	0	2100	2				2	CORRIDOR END		COLLAPSIBLE GATE
CG3	1800 X 2100	0	2100	1				1	CORRIDOR END		COLLAPSIBLE GATE
W1	1800 X 1500	900	2400	19	26	28		73	CLASSROOM, ADMIN AREA, LABS, CORRIDOR END		STEEL GLAZED WINDOW
W2	1800 X 900	900	1800		2			2	RECREATIONAL ROOM		STEEL GLAZED WINDOW
W3	1200 X 1200	900	2100	2				2	PANTRY, STORE		STEEL GLAZED WINDOW
GL	960 X 2100	300	2400	2				2	MAIN ENTRANCE		ALUMINUM FIXED GLAZING
V1	600 X 600	1800	2400	10	6	6		22	TOILET		STEEL SECTION
V2	900 X 1200	1200	2400	2	2	2		6	TOILET		STEEL SECTION
V3	1200 X 600	AS PER SITE	B.O.B	32	44	40		116	CLASSROOM, ADMIN AREA, LABS, RAMP		STEEL SECTION
V3'	1200 X 600	AS PER SITE	2100	9				9	STORE, SERVER, MEDICAL, PANTRY	sliding	ALUMINUM
V3''	1200 X 600	AS PER SITE	B.O.B	1	1	1		3	H.TOILET		STEEL SECTION
V4	1200 X 450	AS PER SITE	B.O.B	7				7	STORE, MEDICAL ROOM, PANTRY	sliding	ALUMINUM
V5	1000 X 600	AS PER SITE	B.O.B	5				5	STAFFROOM, OFFICE, V.PRINCIPAL, PRINCIPAL		STEEL SECTION

FOR TENDER PURPOSE

AREA STATEMENT	
SCHOOL BUILDING	
DETAILS	AREA (in Sqm)
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	875.40
FIRST FLOOR PLINTH AREA	803.54
SECOND FLOOR PLINTH AREA	803.54
TOTAL AREA	**2482.48**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**21.51**
Ramp AREA	
AREA AT GROUND FLOOR (AREA/2)	**68.13**
AREA AT FIRST FLOOR (AREA/2)	**105.95**
TOTAL COVERED AREA (RAMP AREA EXCLUDED)	**2678.00**

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) Government of India
राष्ट्रीय जनजातीय छात्र शिक्षा सोसायटी (जनजातीय कार्य मंत्रालय अन्तर्गत स्वायत्त संगठन) भारत सरकार

PROJECT MANAGEMENT CONSULTANT :
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(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

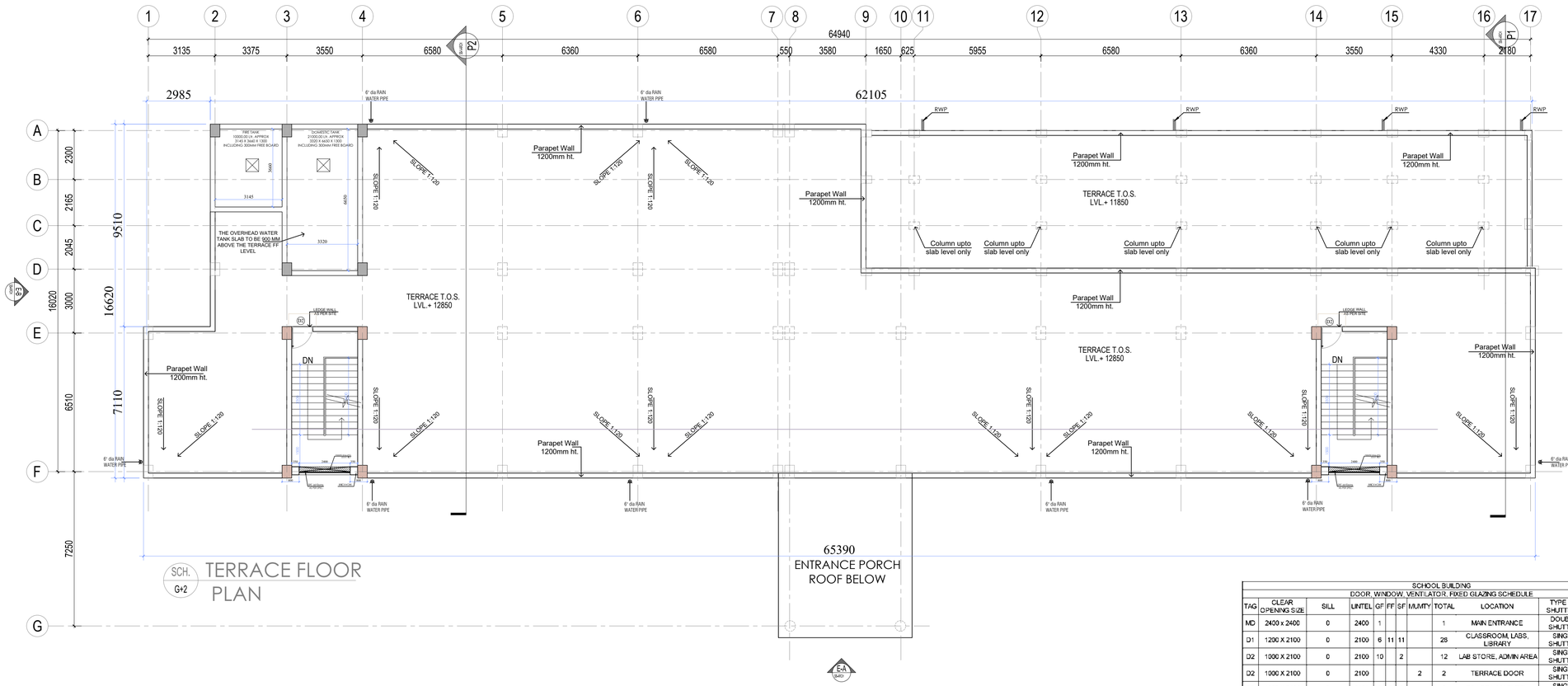
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
SECOND FLOOR PLAN
SCHOOL

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/SC/AR-03

DATE : FEBRUARY 2024

SCALE : **1:500**
SHEET SIZE : **A3**



SCHOOL BUILDING DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE										
TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTERS	MATERIAL
MD	2400 x 2400	0	2400	1				1	MAIN ENTRANCE	DOUBLE SHUTTER	ALUMINUM
D1	1200 X 2100	0	2100	6	11	11		28	CLASSROOM, LABS, LIBRARY	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100	10		2		12	LAB STORE, ADMIN AREA	SINGLE SHUTTER	FLUSH DOOR
D2	1000 X 2100	0	2100				2	2	TERRACE DOOR	SINGLE SHUTTER	MS SHEET DOOR
D2	1000 X 2100	0	2100	2	2	2		6	TOILET MAIN ENTRY	SINGLE SHUTTER	PRELAMINATED DOOR
D3	750 X 2100	0	2100	11	7	7		25	WC DOOR	SINGLE SHUTTER	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1	1	1		3	H.TOILET	SLIDING DOOR	PRELAMINATED DOOR
SD1	1200 X 2100	0	2100	1				1	MEDICAL ROOM	SLIDING DOOR	FLUSH DOOR
CG1	4800 X 2400	0	2400	1				1	MAIN ENTRANCE		COLLAPSIBLE GATE
CG2	2400 X 2100	0	2100	2				2	CORRIDOR END		COLLAPSIBLE GATE
CG3	1800 X 2100	0	2100	1				1	CORRIDOR END		COLLAPSIBLE GATE
W1	1800 X 1500	900	2400	19	26	28		73	CLASSROOM, ADMIN AREA, LABS, CORRIDOR END		STEEL GLAZED WINDOW
W2	1800 X 900	900	1800		2			2	RECREATIONAL ROOM		STEEL GLAZED WINDOW
W3	1200 X 1200	900	2100	2				2	PANTRY, STORE		STEEL GLAZED WINDOW
GL	960 X 2100	300	2400	2				2	MAIN ENTRANCE		ALUMINIUM FIXED GLAZING
V1	600 X 600	1800	2400	10	6	6		22	TOILET		STEEL SECTION
V2	900 X 1200	1200	2400	2	2	2		6	TOILET		STEEL SECTION
V3	1200 X 600	AS PER SITE	B.O.B	32	44	40		116	CLASSROOM, ADMIN AREA, LABS, RAMP		STEEL SECTION
V3'	1200 X 600	AS PER SITE	2100	9				9	STORE, SERVER, MEDICAL, PANTRY	sliding	ALUMINUM
V3"	1200 X 600	AS PER SITE	B.O.B	1	1	1		3	H.TOILET		STEEL SECTION
V4	1200 X 450	AS PER SITE	B.O.B	7				7	STORE, MEDICAL ROOM, PANTRY	sliding	ALUMINUM
V5	1000 X 600	AS PER SITE	B.O.B	5				5	STAFFROOM, OFFICE, V.PRINCIPAL, PRINCIPAL		STEEL SECTION

FOR TENDER PURPOSE

AREA STATEMENT SCHOOL BUILDING	
DETAILS	AREA (in Sqm)
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	875.40
FIRST FLOOR PLINTH AREA	803.54
SECOND FLOOR PLINTH AREA	803.54
TOTAL AREA	**2482.48**
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AREA OF PORCH / 2	**21.51**
Ramp AREA	
AREA AT GROUND FLOOR (AREA/2)	**68.13**
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TOTAL COVERED AREA (RAMP AREA EXCLUDED)	**2678.00**

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
TERRACE PLAN
SCHOOL

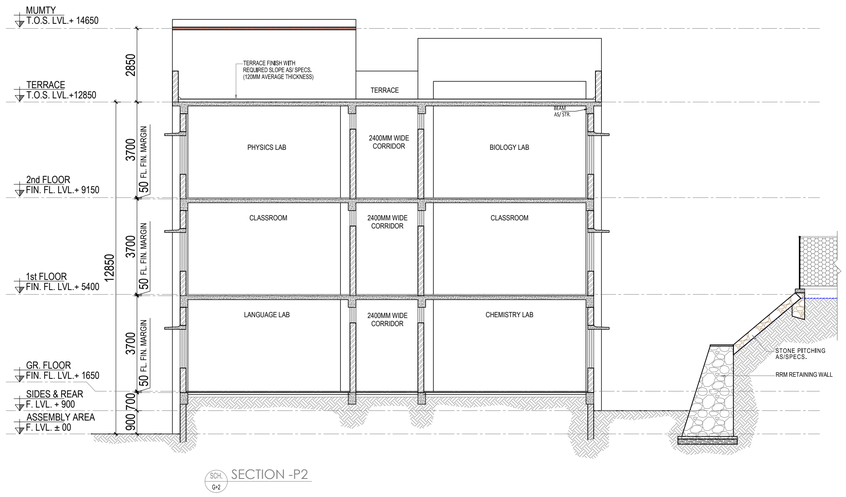
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DATE : FEBRUARY 2024

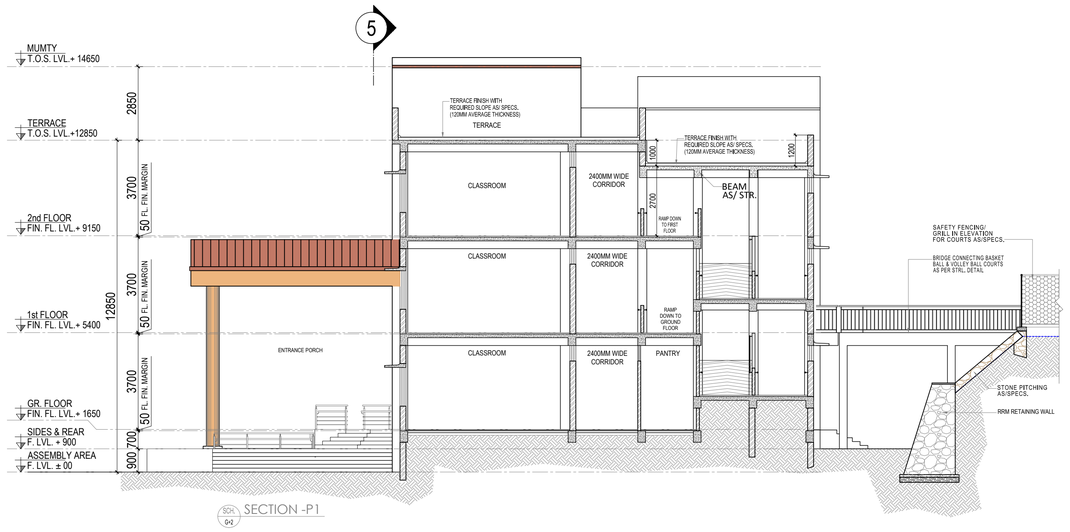
SCALE : **1:500**
SHEET SIZE : **A3**



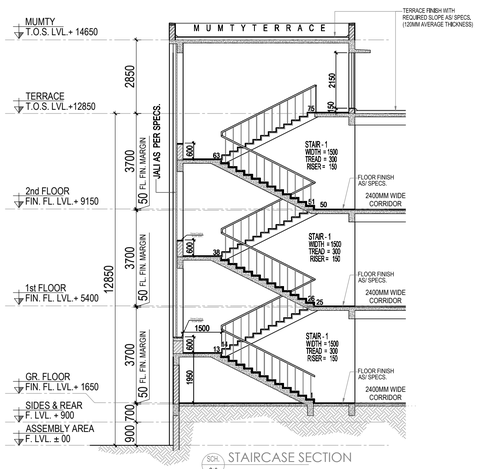
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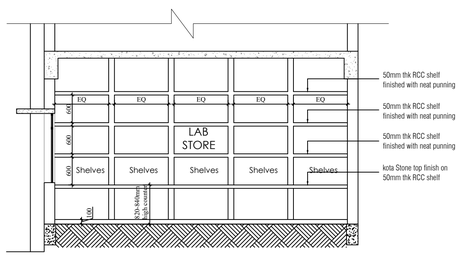
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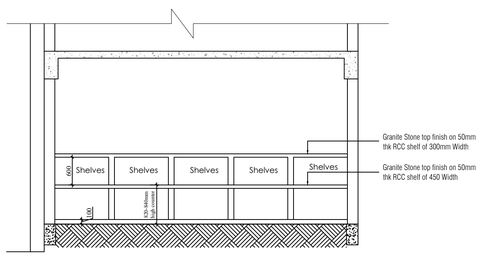
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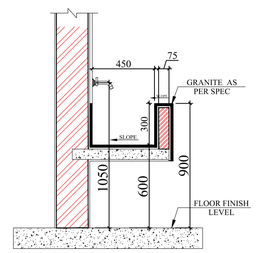
STAIRCASE SECTION



LAB STORE-
RCC SHELVES DETAIL



LAB RCC 820-840MM HIGH
COUNTER WITH SHELF ABOVE-
RCC SHELVES DETAIL



TROUGH TYPICAL
SECTION

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) Government of India
राष्ट्रीय आदिवासी छात्र शिक्षा समिति (आदिवासी कार्य मंत्रालय (भारत सरकार) के अधीन) स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

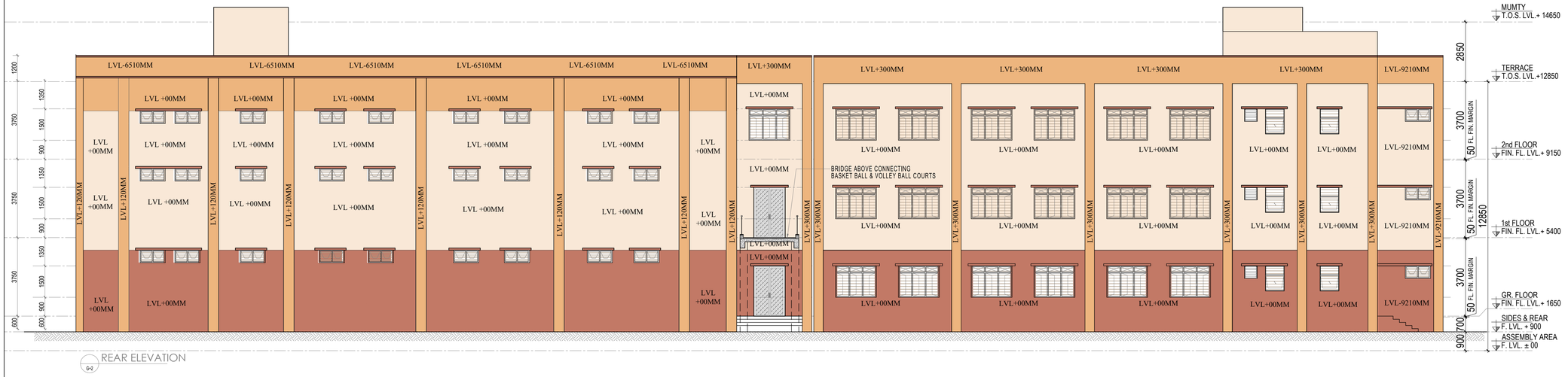
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
SECTIONS & FRONT ELEVATION
SCHOOL

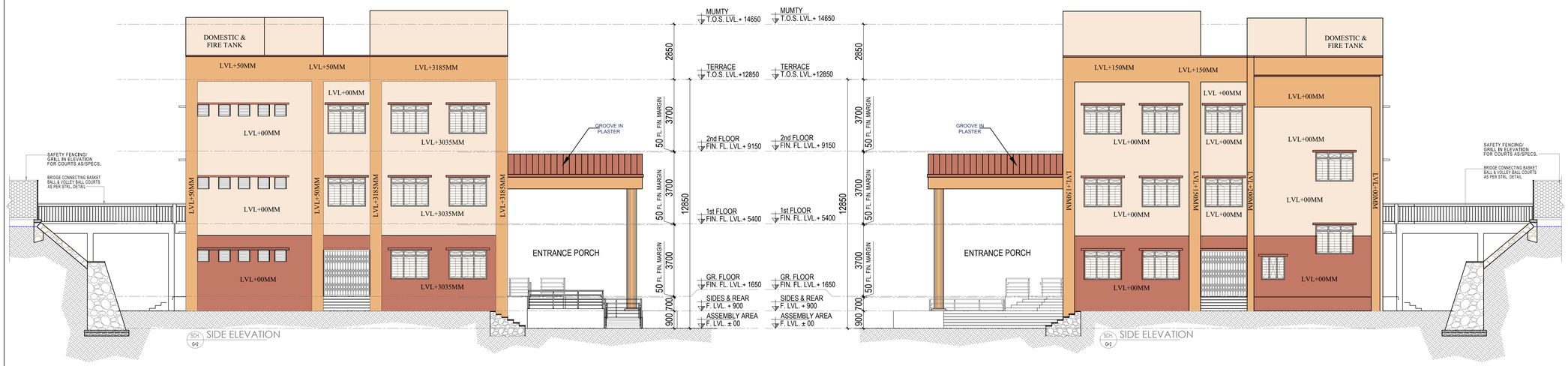
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WAP/EMRS/ODISHA/BORIGGUMA/SC/AR-05

DATE : FEBRUARY 2024

SCALE : **1:500** SHEET SIZE : **A3**



REAR ELEVATION



SIDE ELEVATION

FOR TENDER PURPOSE

PROJECT TITLE :

EKLAVYA MODEL RESIDENTIAL SCHOOL

AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :

National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)

राष्ट्रीय जनजातीय छात्र शिक्षा सोसायटी

(जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन)

स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :

WAPCOS LIMITED

(A Government of India Undertaking)

ISO 9001:2015

Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :

WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :

ELEVATIONS
SCHOOL

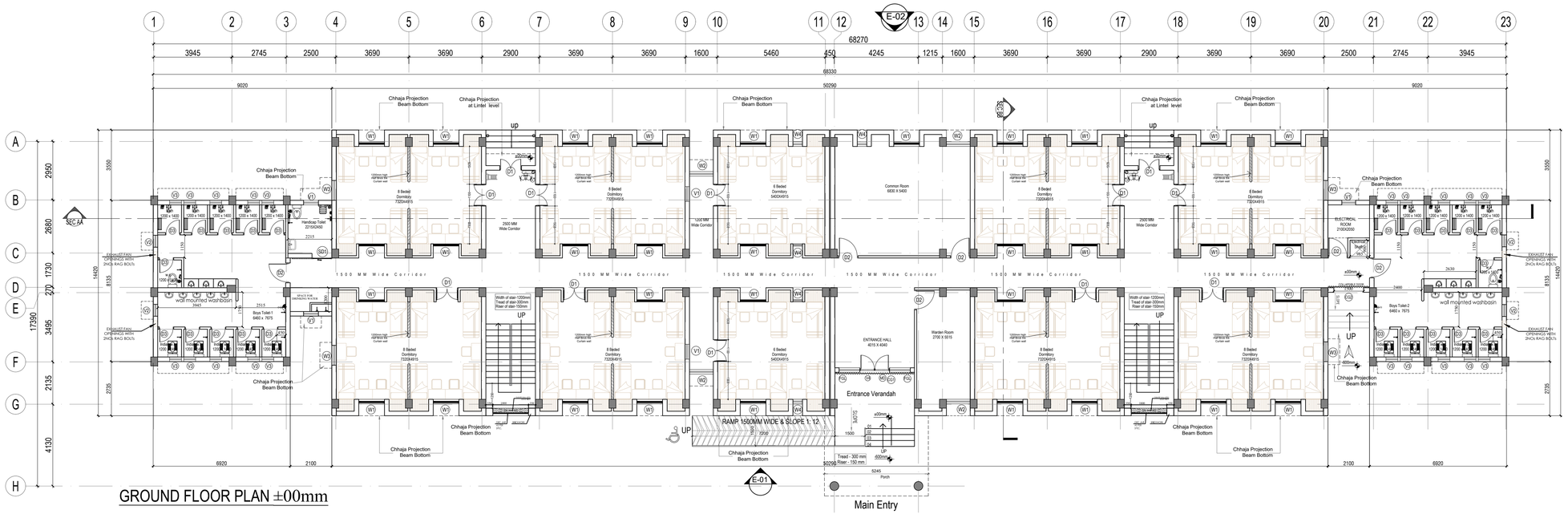
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WAP/EMRS/ODISHA/BORIGGUMA/SC/AR-06

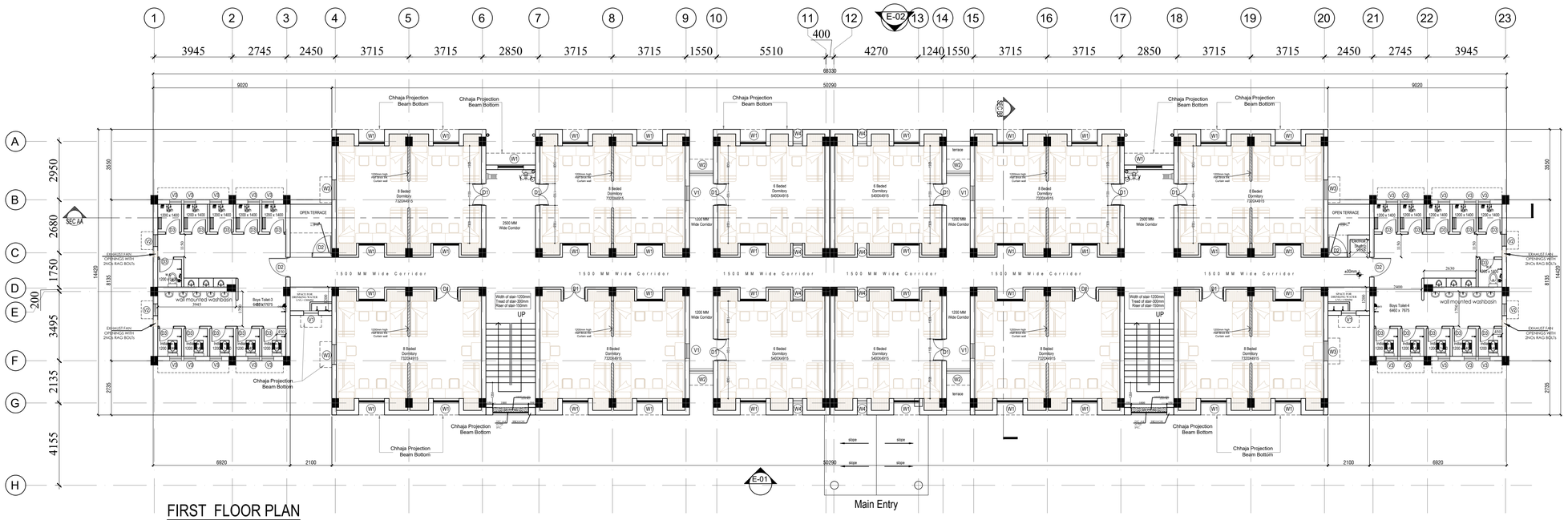
DATE : FEBRUARY 2024

SCALE : **1:500**

SHEET SIZE : **A3**



GROUND FLOOR PLAN ±00mm



FIRST FLOOR PLAN

FOR TENDER PURPOSE

AREA STATEMENT	
HOSTEL BUILDING	
DETAILS	TOTAL FLOOR AREA
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	789.83
FIRST FLOOR PLINTH AREA	778.36
SECOND FLOOR PLINTH AREA	778.36
TOTAL AREA	**2346.55**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**12.41**
Total	**2359.00**

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
आकांक्षीय भारत संगठन (भारत सरकार) के अधीन
सत्यमेव जयते

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

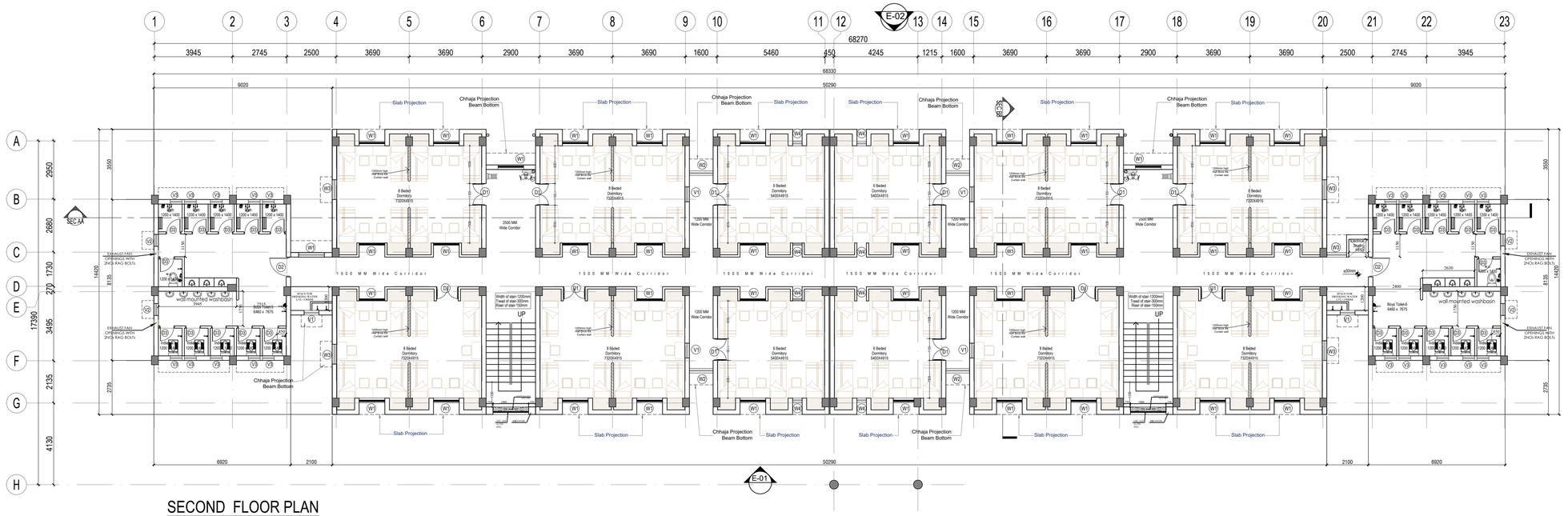
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
BOYS HOSTEL
GROUND & FIRST FLOOR

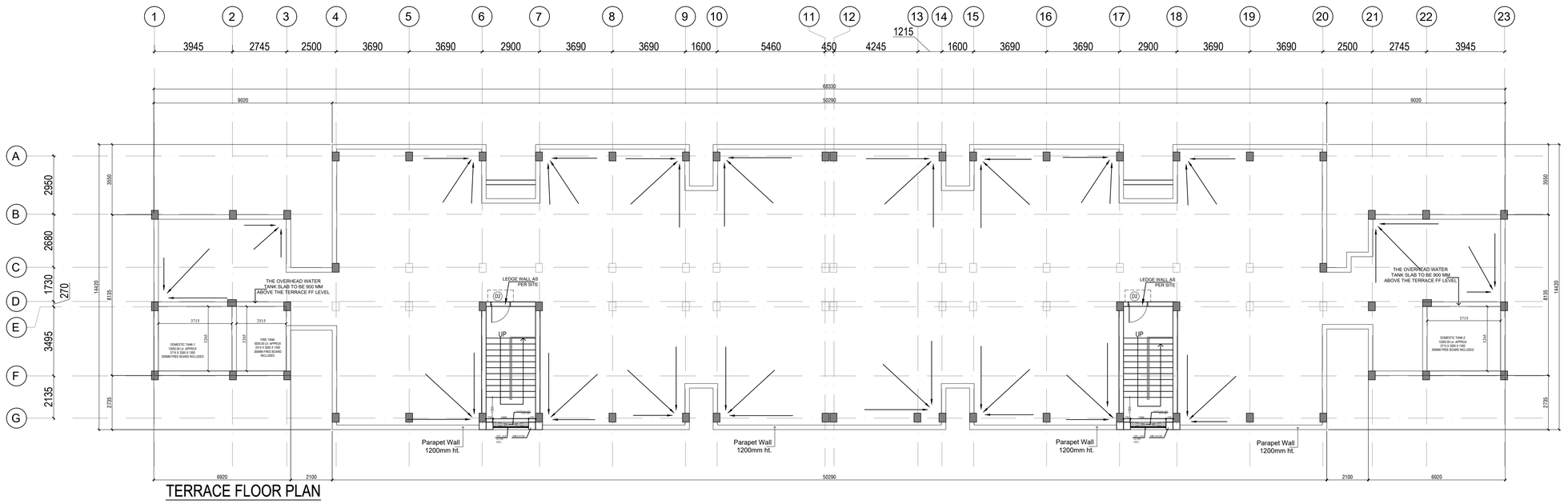
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/BH/AR-01

DATE : FEBRUARY 2024

SCALE : **1:500** SHEET SIZE : **A3**



SECOND FLOOR PLAN



TERRACE FLOOR PLAN

FOR TENDER PURPOSE

AREA STATEMENT	
HOSTEL BUILDING	
DETAILS	TOTAL FLOOR AREA
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	789.83
FIRST FLOOR PLINTH AREA	778.36
SECOND FLOOR PLINTH AREA	778.36
TOTAL AREA	**2346.55**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**12.41**
Total	**2359.00**

PROJECT TITLE :

EKLAVYA MODEL RESIDENTIAL SCHOOL

AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :

National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India) राष्ट्रीय आदिवासी छात्र शिक्षा समिति (आदिवासि कार्य मंत्रालय (भारत सरकार) के अधीन) (भारत सरकार)

PROJECT MANAGEMENT CONSULTANT :

WAPCOS LIMITED (A Government of India Undertaking) ISO 9001:2015 Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :

WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :

BOYS HOSTEL

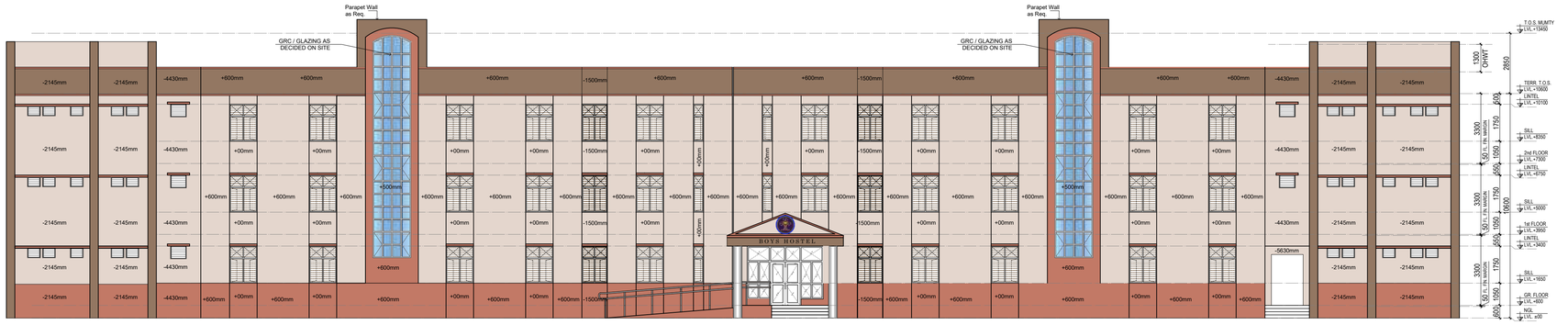
SECOND FLOOR & TERRACE FLOOR

DRAWING NUMBER :

WAP/EMRS/ODISHA/BORIGGUMA/BH/AR-02

DATE : FEBRUARY 2024

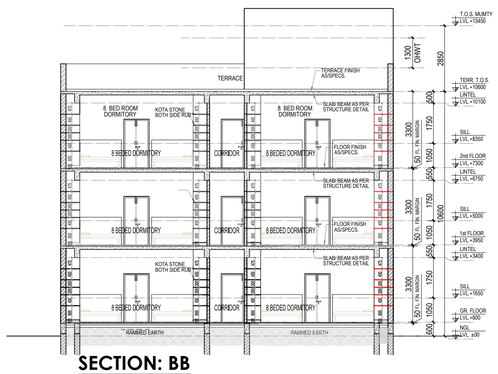
SCALE : **1:500** SHEET SIZE : **A3**



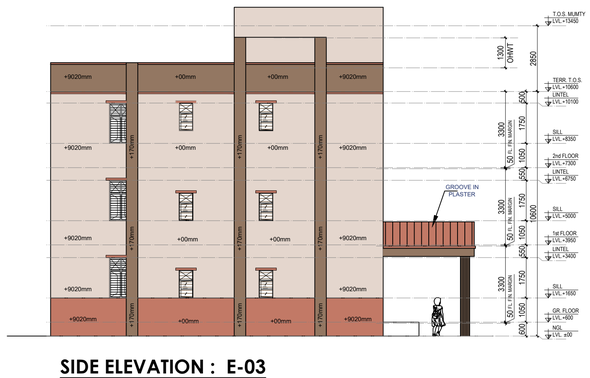
FRONT ELEVATION: E-01



REAR SIDE ELEVATION: E-02

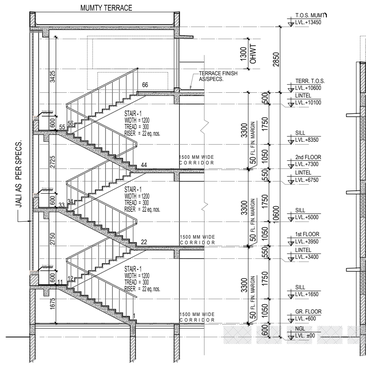


SECTION: BB

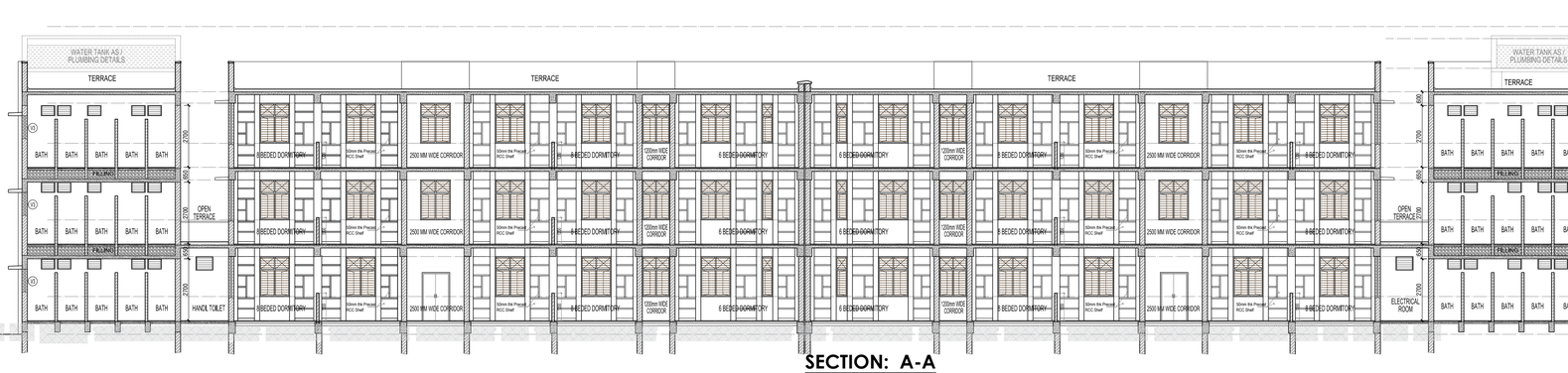


SIDE ELEVATION : E-03

HOSTEL BUILDING DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE											
TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTER	MATERIAL
MD	1500 X 2400	0	2400	1				1	Main Entrance	Double Shutter	Aluminium
D1	1100 X 2100	0	2100	12	12	12		36	Dormitory Room & 2500mm Wide Corridor	Double Shutter	Flush Door
D2	1000 X 2100	0	2100	3	2			5	Warden, Common Room	Single Shutter	Flush Door
D2	1000 X 2100	0	2100	3	2	2		7	Toilet Main Entry	Single Shutter	Factory Pressed laminated Door
D2	1000 X 2100	0	2100				2	2	TERRACE	Single Shutter	MS SHEET DOOR
D3	750 X 2100	0	2100	22	22	22		66	Bath and WC	Single Shutter	Factory Pressed laminated Door
SD1	1000 X 2100	0	2100	1				1	Handicap Toilet	SLIDING	Factory Pressed laminated Door
CG1	4800 X 2400	0	2400	1				1	Main Entrance		Collapsible Gate
CG2	2100 X 2100	0	2100	1				1	Warden Entry Side		Collapsible Gate
W1	1300 X 1750	1050	BOB	33	38	39		110	Dormitory Room, Corridor	Fixed & Openable	Steel Glazed Window
W2	1200 X 1750	1050	BOB	4	4	4		12	1200mm Corridor, Warden Room & Common Room	Fixed & Openable	Steel Glazed Window
W3	1000 X 1750	1050	BOB	4	4	5		13	Dormitory Room	Fixed & Openable	Steel Glazed Window
W4	480 X 1750	1050	BOB	5	8	8		21	Dormitory Room	Fixed & Openable	Steel Glazed Window
FGL	1050 X 2500	300	BOB	2				2	Main Entrance	Fixed	Aluminium
V1	750 X 600		BOB	5	6	6		17	Drinking Water, H.toilet		Steel Glazed Window
V2	600X1200		BOB	4	4	4		12	Toilet		Steel Glazed Window
V3	600 x 450		BOB	20	20	20		60	Toilet		Steel Glazed Window
V4	1500 X 400	2400	2800	1				1	Main Entrance		Aluminium

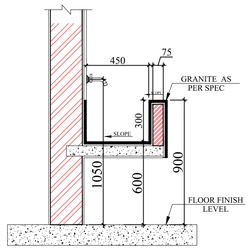


STAIRCASE SECTION



SECTION: A-A

FOR TENDER PURPOSE



TROUGH TYPICAL SECTION

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति (जनजातीय कार्य मंत्रालय,भारत सरकार के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

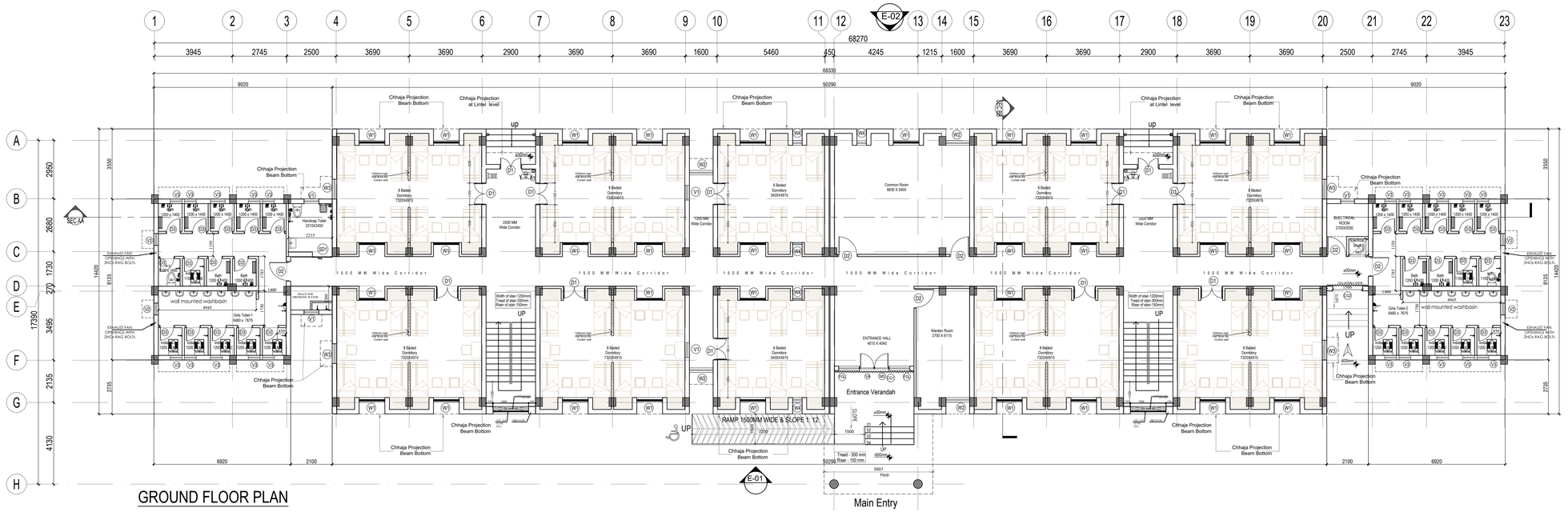
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

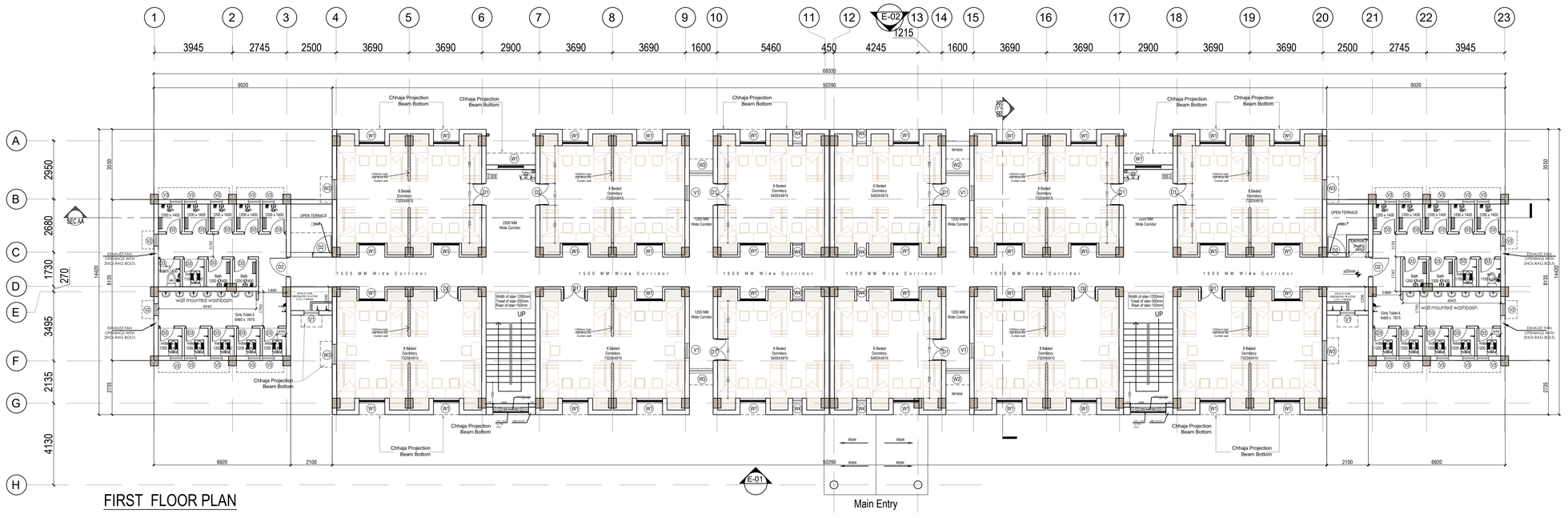
DRAWING TITLE :
BOYS HOSTEL
ELEVATION:E-1,E-2,E-3 & SECTION:A-A,&B-B

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/BH/AR-03

DATE : FEBRUARY 2024

SCALE : 1:500 SHEET SIZE : A3





FOR TENDER PURPOSE

AREA STATEMENT HOSTEL BUILDING	
DETAILS	TOTAL FLOOR AREA
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	789.83
FIRST FLOOR PLINTH AREA	778.36
SECOND FLOOR PLINTH AREA	778.36
TOTAL AREA	**2346.55**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**12.41**
Total	**2359.00**

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति (आदिवासी कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
GIRLS 'HOSTEL
GROUND &FIRST FLOOR

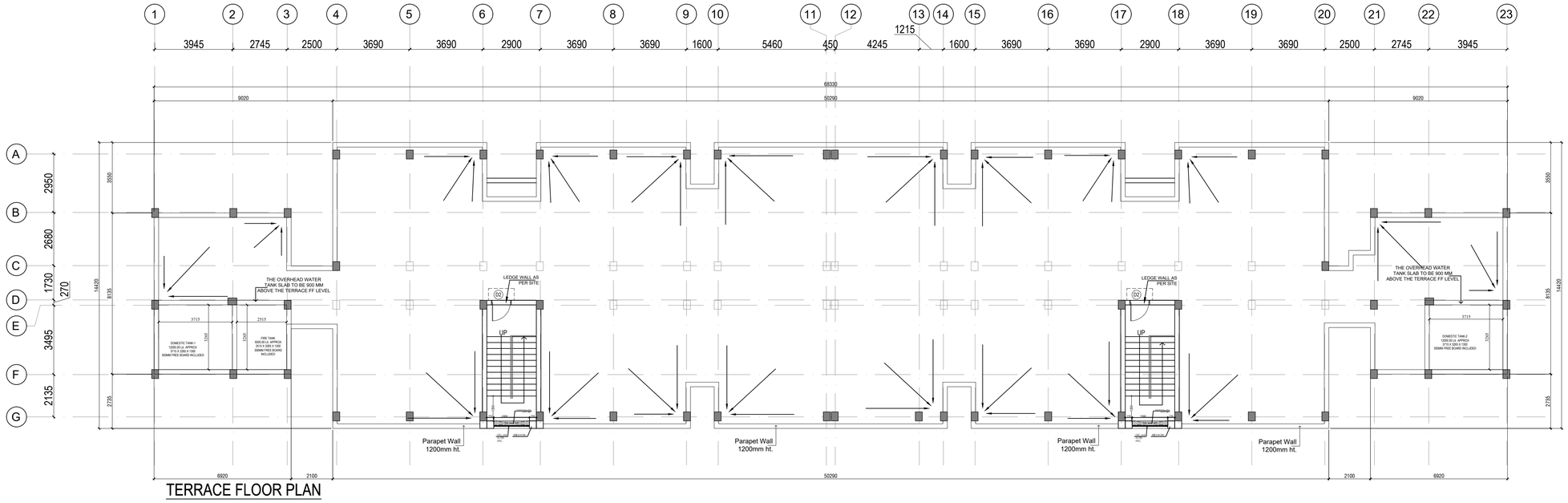
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/GH/AR-01

DATE : FEBRUARY 2024

SCALE : **1:500** SHEET SIZE : **A3**



SECOND FLOOR PLAN



TERRACE FLOOR PLAN

FOR TENDER PURPOSE

AREA STATEMENT	
HOSTEL BUILDING	
DETAILS	TOTAL FLOOR AREA
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	789.83
FIRST FLOOR PLINTH AREA	778.36
SECOND FLOOR PLINTH AREA	778.36
TOTAL AREA	**2346.55**
ENTRANCE PORCH AREA	
AREA OF PORCH / 2	**12.41**
Total	**2359.00**

PROJECT TITLE :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :

National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति (आदिवासि कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :

WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :

GIRLS 'HOSTEL
SECOND FLOOR & TERRACE FLOOR

DRAWING NUMBER :

WAP/EMRS/ODISHA/BORIGGUMA/GH/AR-02

DATE : FEBRUARY 2024

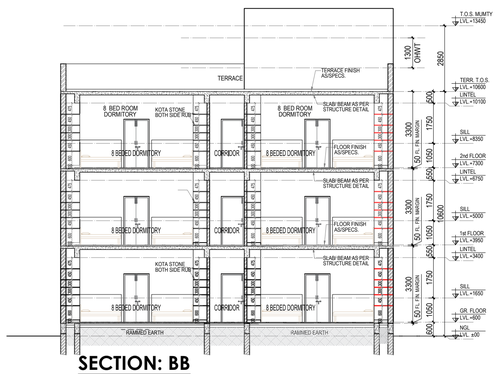
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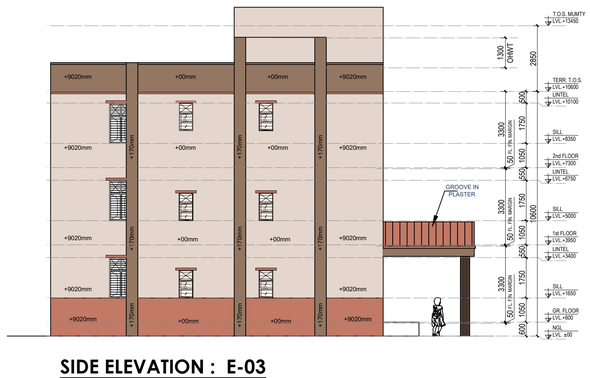
FRONT ELEVATION: E-01



REAR SIDE ELEVATION: E-02

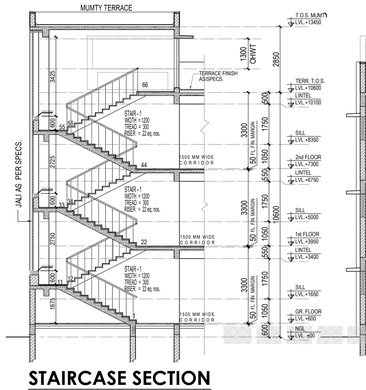


SECTION: BB

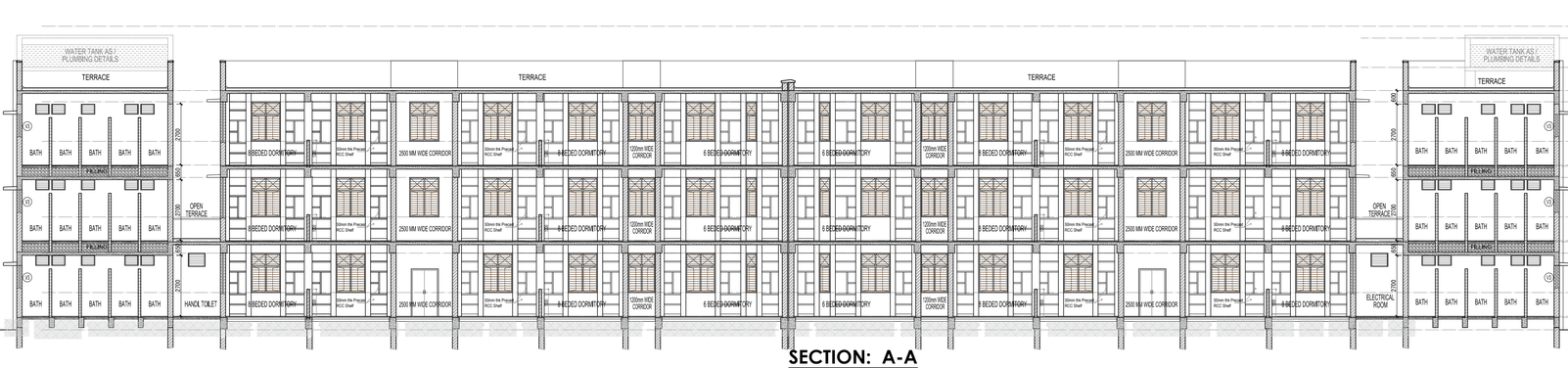


SIDE ELEVATION : E-03

HOSTEL BUILDING DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE											
TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	FF	SF	MUMTY	TOTAL	LOCATION	TYPE OF SHUTTER	MATERIAL
MD	1500 X 2400	0	2400	1				1	Main Entrance	Double Shutter	Aluminium
D1	1100 X 2100	0	2100	12	12	12		36	Dormitory Room & 2500mm Wide Corridor	Double Shutter	Flush Door
D2	1000 X 2100	0	2100	3	2			5	Warden, Common Room	Single Shutter	Flush Door
D2	1000 X 2100	0	2100	3	2	2		7	Toilet Main Entry	Single Shutter	Factory Pressed laminated Door
D2	1000 X 2100	0	2100				2	2	TERRACE	Single Shutter	MS SHEET DOOR
D3	750 X 2100	0	2100	22	22	22		66	Bath and WC	Single Shutter	Factory Pressed laminated Door
SD1	1000 X 2100	0	2100	1				1	Handicap Toilet	SLIDING	Factory Pressed laminated Door
CG1	4800 X 2400	0	2400	1				1	Main Entrance		Collapsible Gate
CG2	2100 X 2100	0	2100	1				1	Warden Entry Side		Collapsible Gate
W1	1300 X 1750	1050	BOB	33	38	39		110	Dormitory Room, Corridor	Fixed & Openable	Steel Glazed Window
W2	1200 X 1750	1050	BOB	4	4	4		12	1200mm Corridor, Warden Room & Common Room	Fixed & Openable	Steel Glazed Window
W3	1000 X 1750	1050	BOB	4	4	5		13	Dormitory Room	Fixed & Openable	Steel Glazed Window
W4	480 X 1750	1050	BOB	5	8	8		21	Dormitory Room	Fixed & Openable	Steel Glazed Window
FGL	1050 X 2500	300	BOB	2				2	Main Entrance	Fixed	Aluminium
V1	750 X 600		BOB	5	6	6		17	Drinking Water, H.toilet		Steel Glazed Window
V2	600X1200		BOB	4	4	4		12	Toilet		Steel Glazed Window
V3	600 x 450		BOB	20	20	20		60	Toilet		Steel Glazed Window
V4	1500 X 400	2400	2800	1				1	Main Entrance		Aluminium

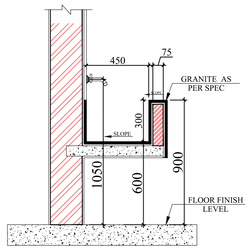


STAIRCASE SECTION



SECTION: A-A

FOR TENDER PURPOSE



TROUGH TYPICAL SECTION

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति (जनजातीय कार्य मंत्रालय,भारत सरकार के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

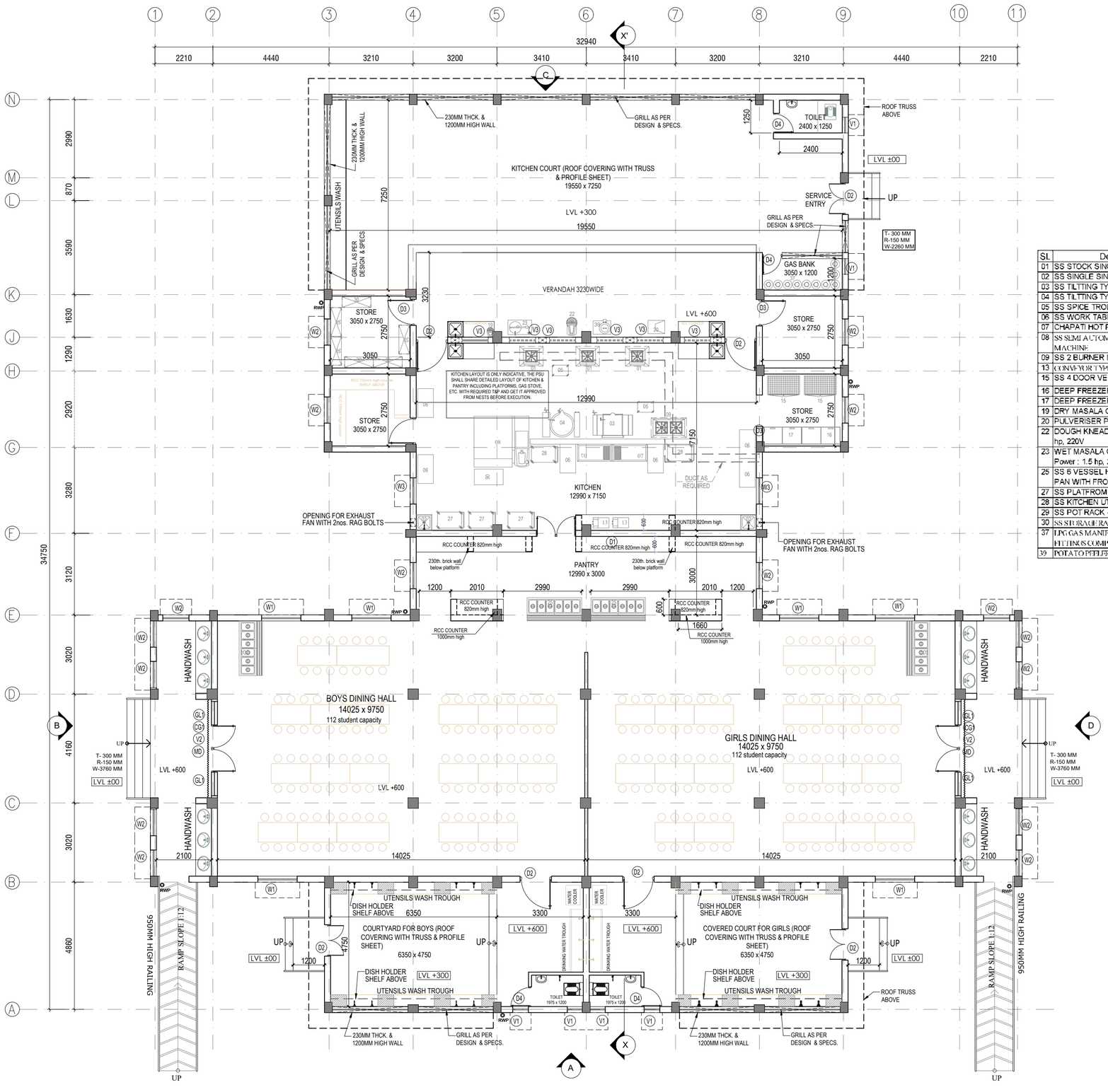
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
GIRLS HOSTEL
ELEVATION:E-1,E-2,E-3 & SECTION:A-A,&B-B

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/GH/AR-03

DATE : FEBRUARY 2024

SCALE : 1:500 SHEET SIZE : A3



SL	Description of works
01	SS STOCK SINGLE POT RANGE WITH HOOD
02	SS SINGLE SINK UNIT
03	SS TILTTING TYPE BULK COOKER
04	SS TILTTING TYPE BOILING PAN
05	SS SPICE TROLLY
06	SS WORK TABLE WITH 1 BS
07	CHAPATI HOT PLATE
08	SS SEMI AUTOMATIC CHAPATI MAKING MACHINE
09	SS 2 BURNER INDIAN COOKING RNGE
13	CONVEYOR TYPE TOSTER
15	SS 4 DOOR VERTICAL CHILLER 1 KW 220 V AC
16	DEEP FREEZER 500 LTRS
17	DEEP FREEZER 300 LTRS
19	DRY MASALA GRINDER
20	PULVERISER Power : 2 hp, 220V
22	DOUGH KNEADER, Capacity : 20 KG, Power : 2 hp, 220V
23	WET MASALA GRINDER, Capacity : 10 ltrs., Power : 1.5 hp, 220V
25	SS 6 VESSEL HOT BAIN MARIE WITH 1/1 GN PAN WITH FRONT TRAY RAIL
27	SS PLATFROM TROLLY
28	SS KITCHEN UTILITY TROLLY
29	SS POT RACK - 4 SHELF
30	SS STORAGE RACK- 4 SHELF
37	LPG GAS MANIFOLD SYSTEM WITH ALL FITTINGS COMPLETE SET
39	POTATO PEELER

FOR TENDER PURPOSE

AREA STATEMENT
KITCHEN AND DINING HALL

GROUND FLOOR AREA = 558.98 Sqm

KITCHEN COURT (TRUSS AREA) = 172.84 Sqm
UTILITY AREA (TRUSS AREA) = 65.53 Sqm

TOTAL PLINTH AREA =(558.98+172.84+65.53) = 797.35 Sqm

KITCHEN AND DINING BLOCK
DOOR, WINDOW, VENTILATOR, FIXED GLAZING SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	LOCATION	MATERIAL	COMMENTS
MD	1800 X 2100	0	2100	2	MAIN ENTRANCE	ALUMINIUM	DOUBLE SHUTTER
D1	1500 X 2100	0	2100	1	PANTRY	FLUSH DOOR	DOUBLE SHUTTER
D2	1200 X 2100	0	2100	2	FRONT UTENSILS WASH AREA	FACTORY PRESSED LAMINATED DOOR	DOUBLE SHUTTER
D2	1200 X 2100	0	2100	1	REAR KITCHEN COURTYARD	GRILL DOOR	DOUBLE SHUTTER
D2	1200 X 2100	0	2100	4	KITCHEN, DINING HALL	FLUSH DOOR	SINGLE SHUTTER
D3	1000 X 2100	0	2100	3	STORE ROOM	FLUSH DOOR	SINGLE SHUTTER
D4	750 X 2100	0	2100	3	WC DOOR	PRELAMINATED DOOR	SINGLE SHUTTER
D4	750 X 2100	0	2100	1	GAS BANK	GRILL DOOR	SINGLE SHUTTER
CG1	3750 X 2100	0	2100	2	MAIN ENTRANCE		COLLAPSIBLE GATE
W1	1500 X 1800	750	2550	6	DINING HALL	STEEL GLAZED WINDOW	
W2	1000 X 1800	750	2550	16	ENTRANCE LOBBY, PANTRY, STORE	STEEL GLAZED WINDOW	
W3	1800 X 1650	900	2550	2	KITCHEN	STEEL GLAZED WINDOW	
GL1	750 X 2250	300	2550	4	MAIN ENTRANCE	ALUMINIUM	FIXED GLAZING
V1	600 X 900	1650	2550	6	TOILET	STEEL SECTION	
V2	1800 X 450	2100	2550	2	MAIN ENTRANCE	ALUMINIUM	
V3	1000 X 900	2100	BOB	6	KITCHEN	STEEL SECTION	FIXED GLAZING

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

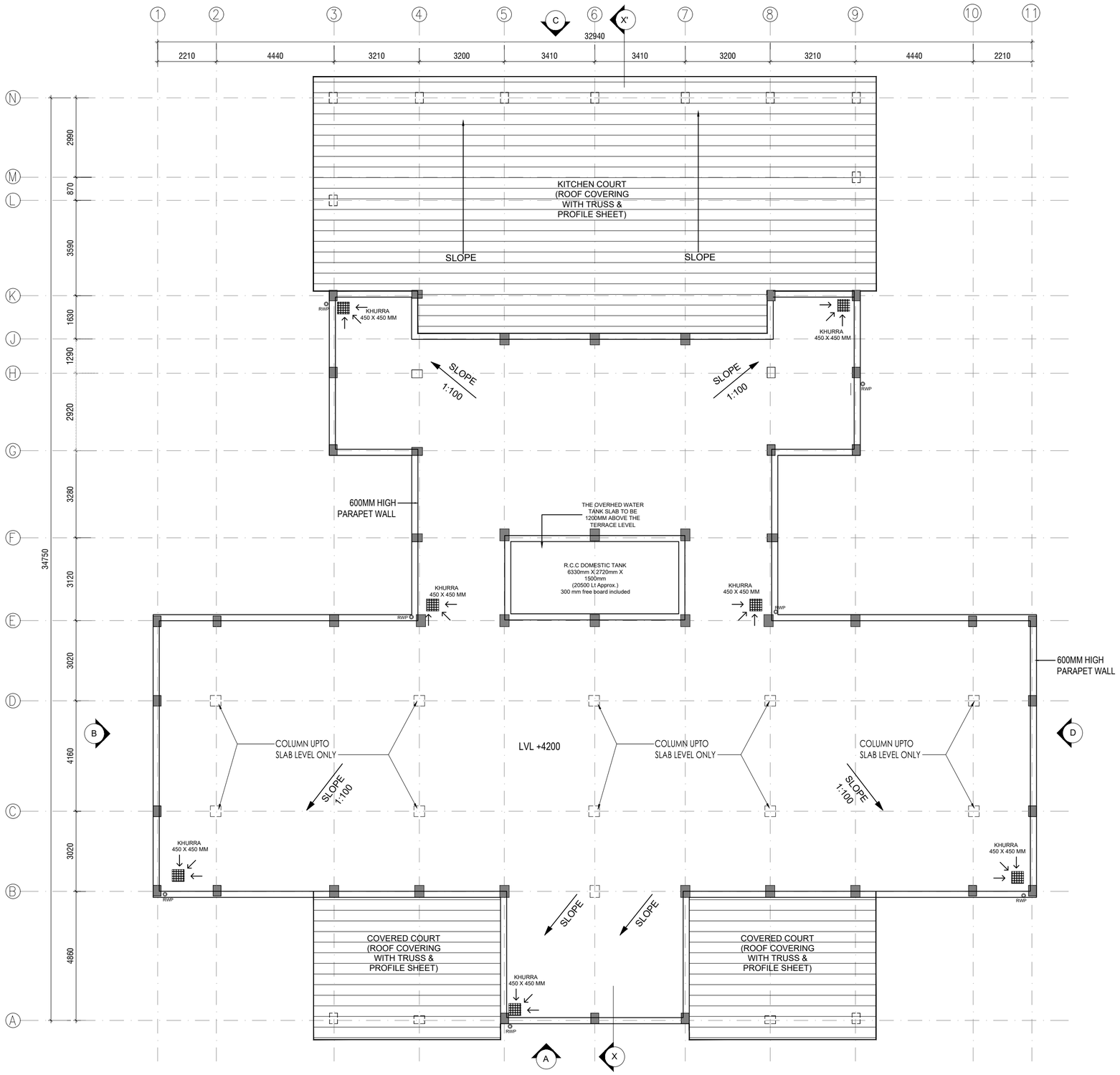
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
GROUND FLOOR PLAN
KITCHEN & DINING

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/K&D/AR-01

DATE : FEBRUARY 2024

SCALE : **1:500**
SHEET SIZE : **A3**



KITCHEN
TERRACE FLOOR PLAN

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

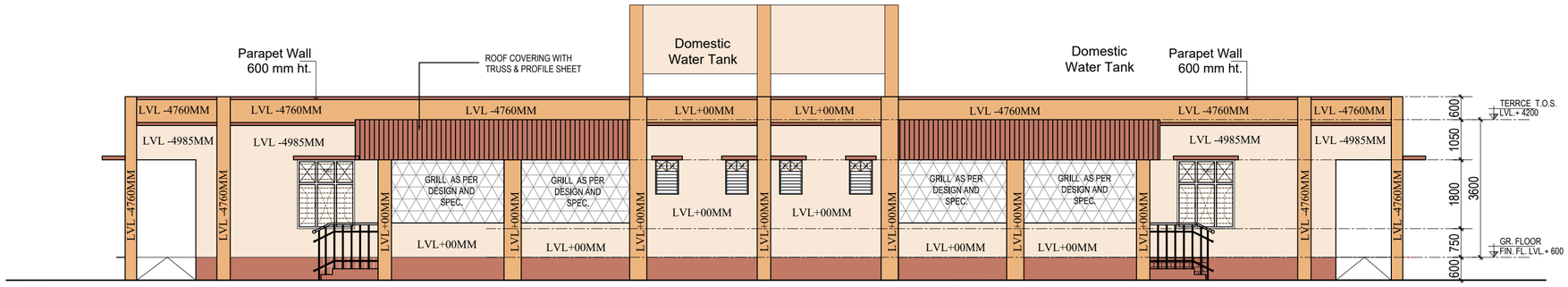
DRAWING TITLE :
TERRACE FLOOR PLAN
KITCHEN & DINING

DRAWING NUMBER :
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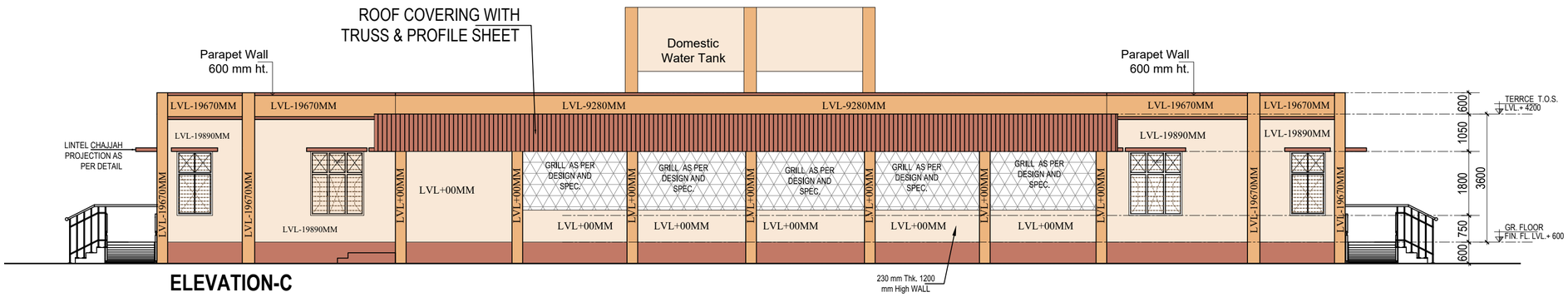
DATE : FEBRUARY 2024

SCALE : **1:500**

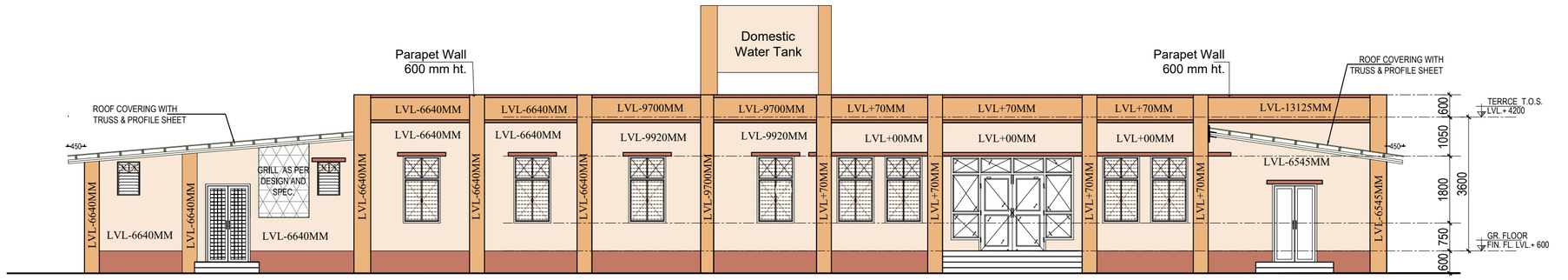
SHEET SIZE : **A3**



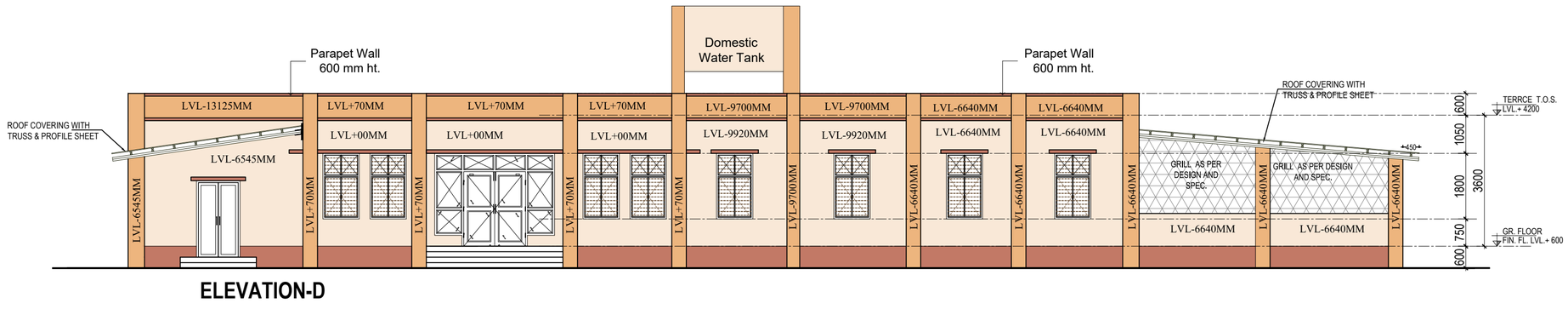
ELEVATION-A



ELEVATION-C



ELEVATION-B



ELEVATION-D

FOR TENDER PURPOSE

PROJECT TITLE :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :

National Executive Society for Tribal Students
(An Autonomous Organization Under
the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :

WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :

ELEVATIONS
KITCHEN & DINING

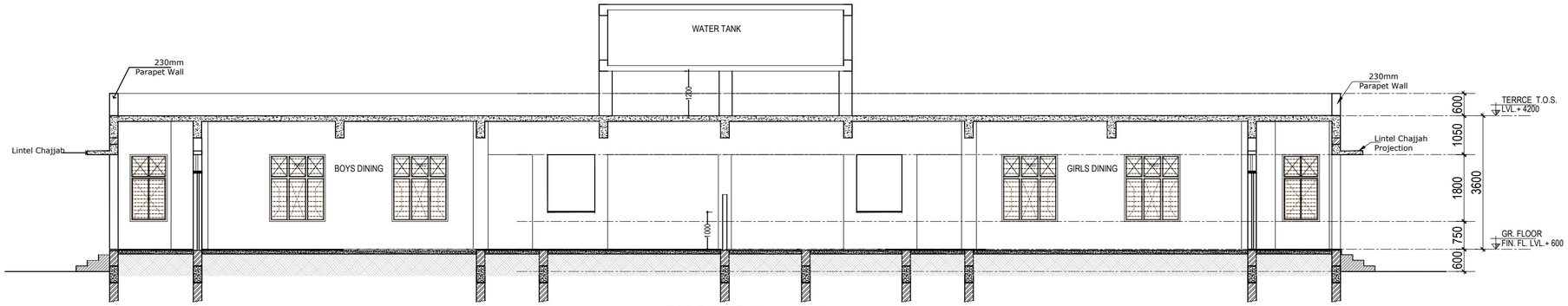
DRAWING NUMBER :

WAP/EMRS/ODISHA/BORIGGUMA/K&D/AR-03

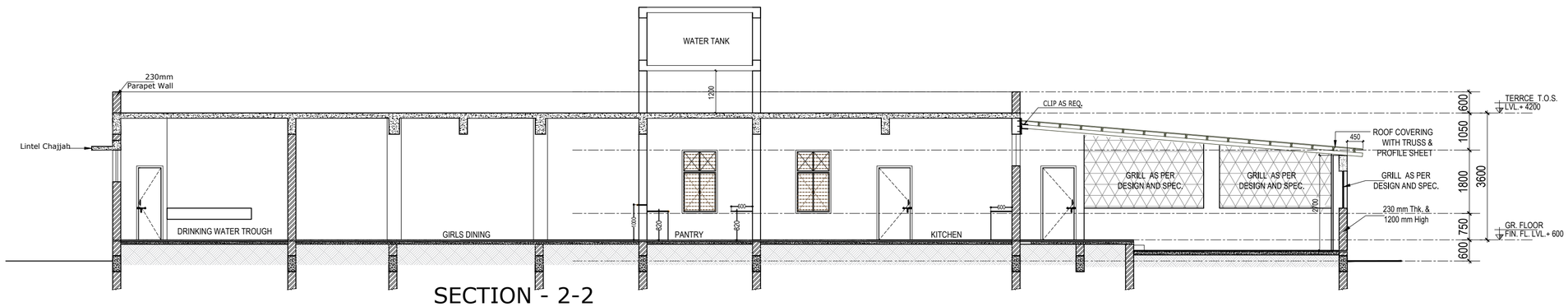
DATE : FEBRUARY 2024

SCALE : **1:500** SHEET SIZE : **A3**

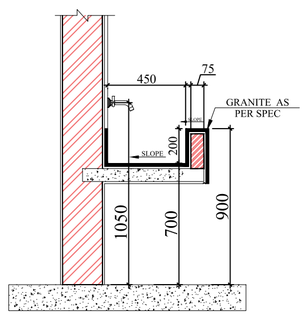
FOR TENDER PURPOSE



SECTION - 1-1



SECTION - 2-2



HAND WASH TROUGH
TYPICAL SECTION

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
(जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

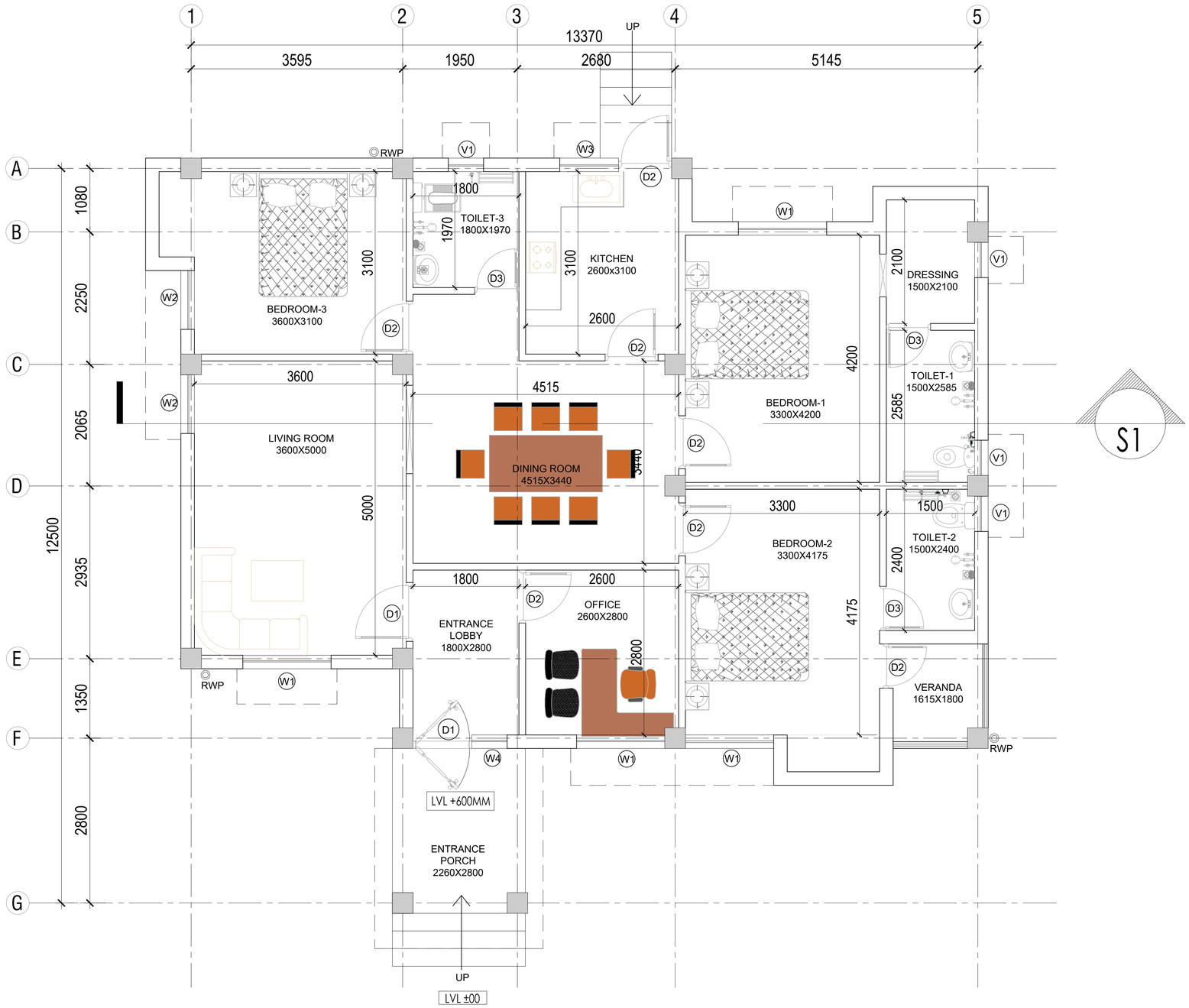
DRAWING TITLE :
SECTIONS
KITCHEN & DINING

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/K&D/AR-04

DATE : FEBRUARY 2024

SCALE : **1:500**

SHEET SIZE : **A3**



PRINCIPAL'S QUARTER
GROUND FLOOR PLAN

AREA STATEMENT

PRINCIPAL QUARTER

TOTAL UNIT AREA=130.00 Sq.m

FOR TENDER PURPOSE

PRINCIPAL QUARTER
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	1	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF WITH WIRE MESH
D1	1000 X 2100	0	2100	1	1	LIVING ROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	5	5	BEDROOM, KITCHEN, OFFICE	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	2	KITCHEN REAR ENTRY, UTILITY	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
D3	750 X 2100	0	2100	3	3	TOILET	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	4	4	LIVING ROOM, BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1000 X 1350	750	2100	2	2	LIVING ROOM, BEDROOM-3	STEEL GLAZED WINDOW	
W3	1000 X 1050	1050	2100	1	1	KITCHEN	STEEL GLAZED WINDOW	
W4	600 X 1800	300	2100	1	1	ENTRANCE LOBBY	STEEL GLAZED WINDOW	
V1	600 X 750	1350	2100	4	4	TOILET	STANDARD STEEL SECTION	

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

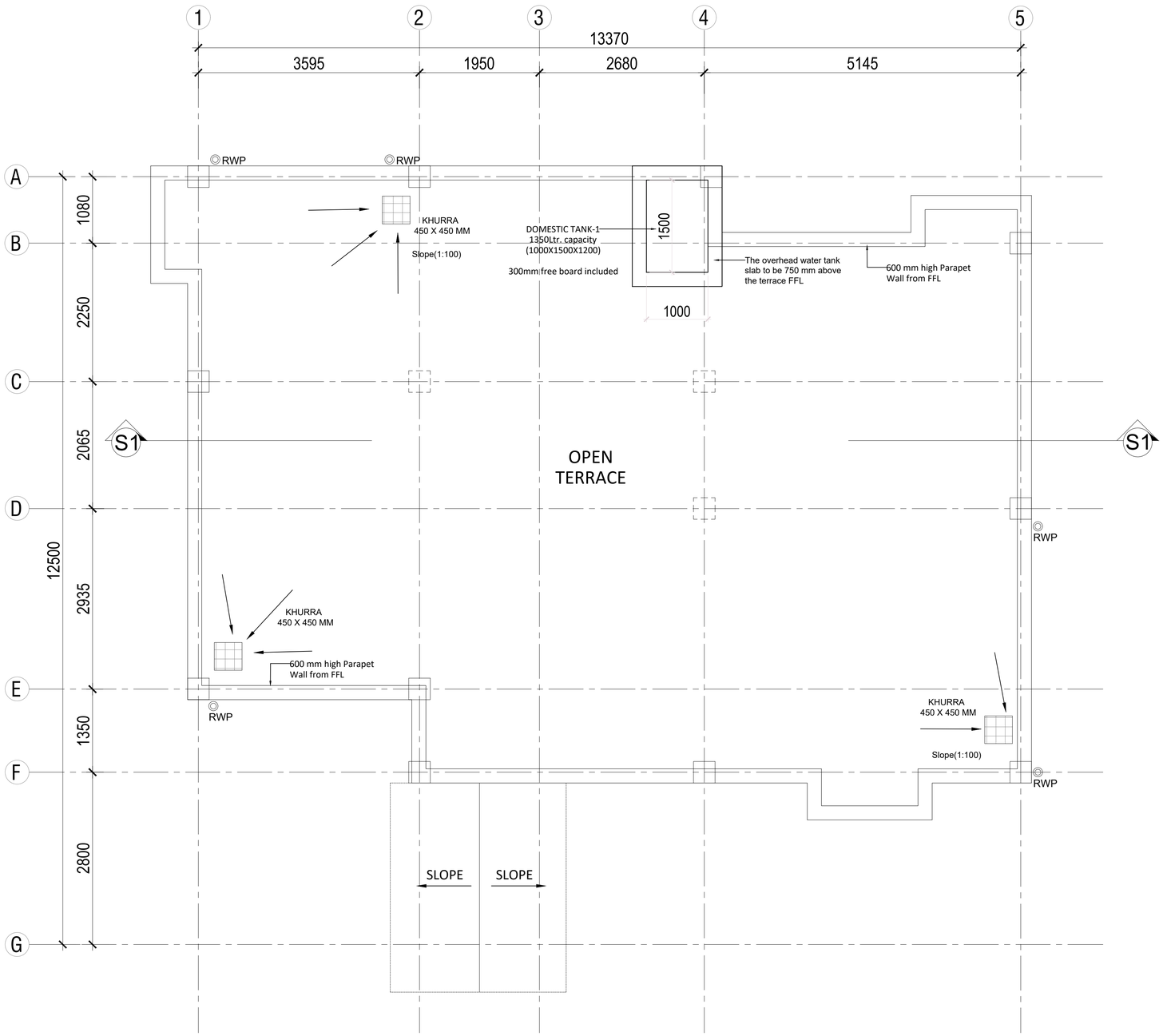
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
PRINCIPAL'S QUARTER
GROUND FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/PQ/GF-1

DATE : FEBRUARY 2024

SCALE :1:50 SHEET SIZE : A3



PRINCIPAL'S QUARTER TERRACE FLOOR PLAN

AREA STATEMENT

PRINCIPAL QUARTER

TOTAL UNIT AREA=130.00 Sq.m

FOR TENDER PURPOSE

PRINCIPAL QUARTER
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	1	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF WITH WIRE MESH
D1	1000 X 2100	0	2100	1	1	LIVING ROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	5	5	BEDROOM, KITCHEN, OFFICE	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	2	KITCHEN REAR ENTRY, UTILITY	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
D3	750 X 2100	0	2100	3	3	TOILET	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	4	4	LIVING ROOM, BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1000 X 1350	750	2100	2	2	LIVING ROOM, BEDROOM-3	STEEL GLAZED WINDOW	
W3	1000 X 1050	1050	2100	1	1	KITCHEN	STEEL GLAZED WINDOW	
W4	600 X 1800	300	2100	1	1	ENTRANCE LOBBY	STEEL GLAZED WINDOW	
V1	600 X 750	1350	2100	4	4	TOILET	STANDARD STEEL SECTION	

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति जनजातीय मामले मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :

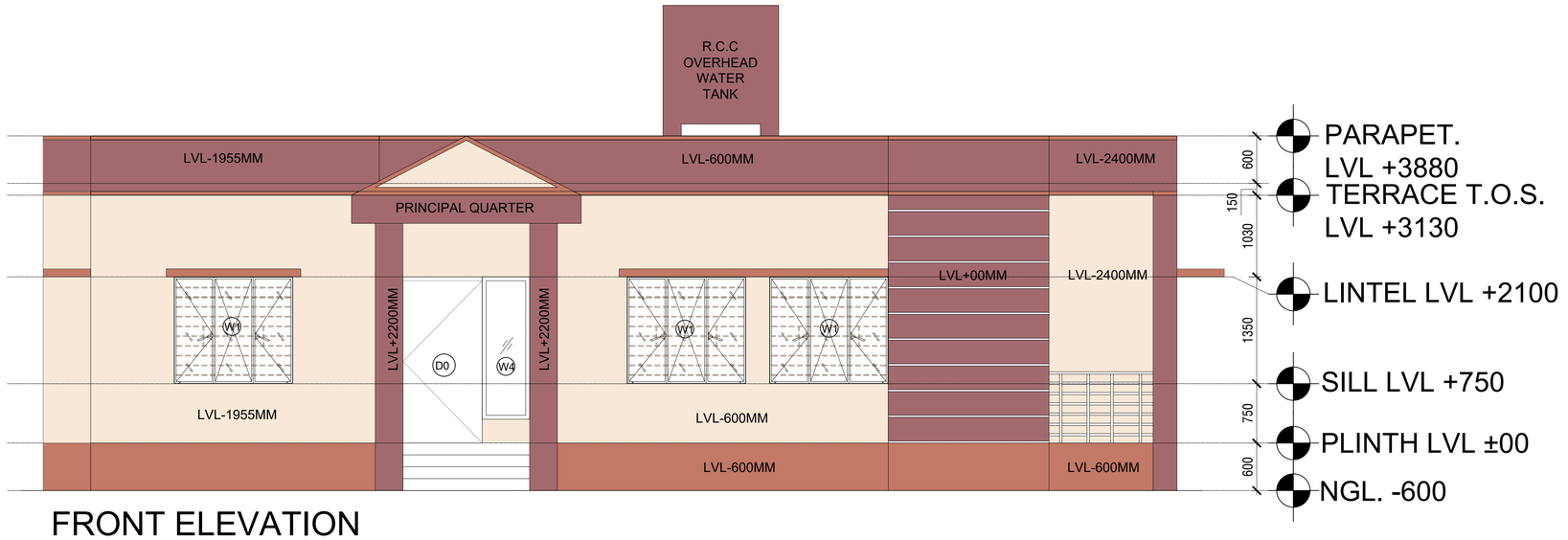
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
PRINCIPAL'S QUARTER
TERRACE FLOOR PLAN

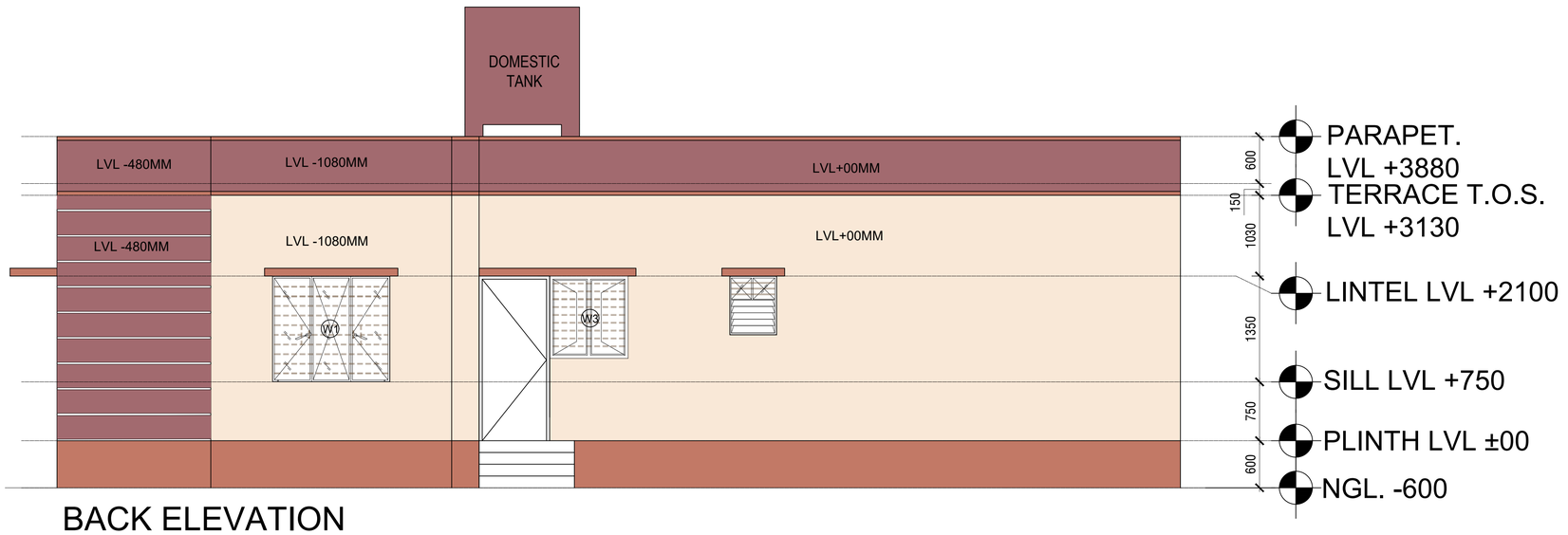
DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/PQ/TF-1

DATE : FEBRUARY 2024

SCALE :1:50 SHEET SIZE :A3



FRONT ELEVATION



BACK ELEVATION

AREA STATEMENT

PRINCIPAL QUARTER

TOTAL UNIT AREA=130.00 Sq.m

FOR TENDER PURPOSE

PRINCIPAL QUARTER
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	1	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF WITH WIRE MESH
D1	1000 X 2100	0	2100	1	1	LIVING ROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	5	5	BEDROOM, KITCHEN, OFFICE	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	2	KITCHEN REAR ENTRY, UTILITY	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
D3	750 X 2100	0	2100	3	3	TOILET	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	4	4	LIVING ROOM, BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1000 X 1350	750	2100	2	2	LIVING ROOM, BEDROOM-3	STEEL GLAZED WINDOW	
W3	1000 X 1050	1050	2100	1	1	KITCHEN	STEEL GLAZED WINDOW	
W4	600 X 1800	300	2100	1	1	ENTRANCE LOBBY	STEEL GLAZED WINDOW	
V1	600 X 750	1350	2100	4	4	TOILET	STANDARD STEEL SECTION	

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

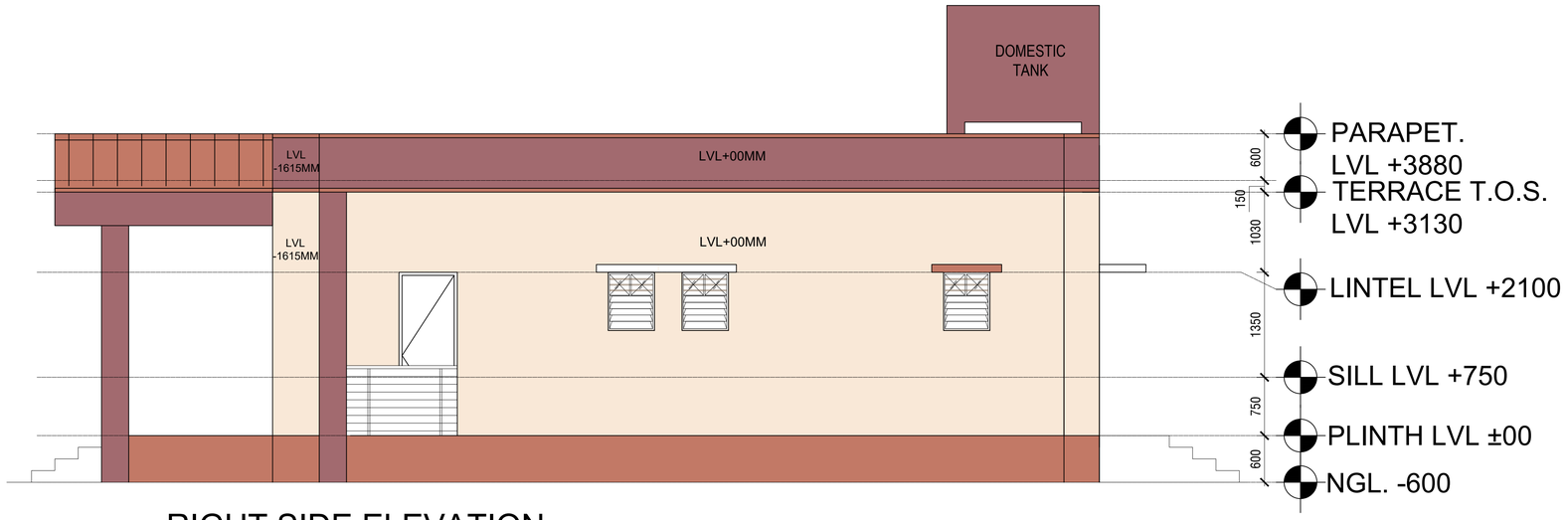
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
PRINCIPAL'S QUARTER
ELEVATIONS

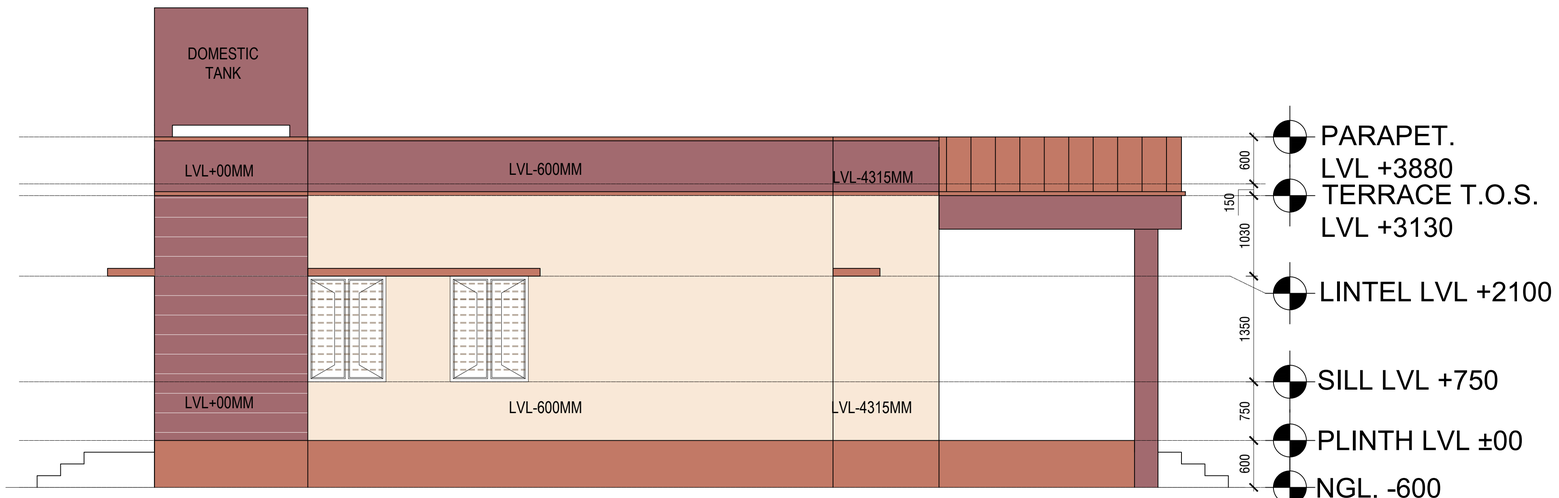
DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/PQ/EL-1

DATE : FEBRUARY 2024

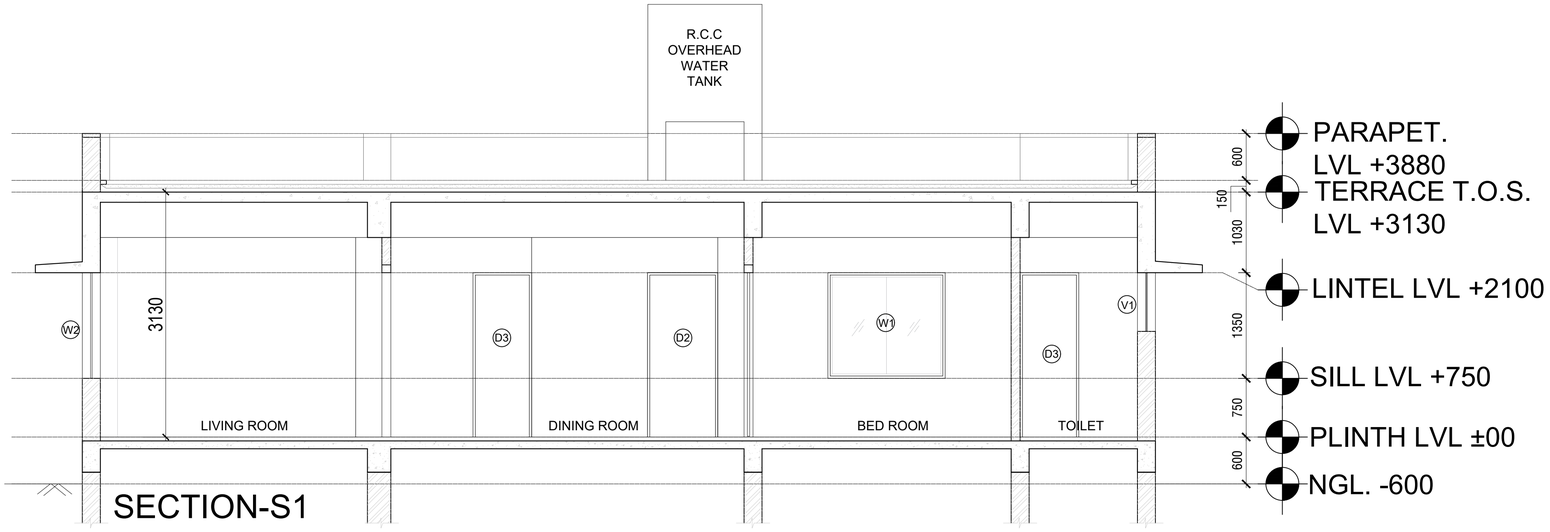
SCALE :1:50 SHEET SIZE : A3



RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION



SECTION-S1

AREA STATEMENT

PRINCIPAL QUARTER

TOTAL UNIT AREA=130.00 Sq.m

FOR TENDER PURPOSE

PRINCIPAL QUARTER
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	1	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF WITH WIRE MESH
D1	1000 X 2100	0	2100	1	1	LIVING ROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	5	5	BEDROOM, KITCHEN, OFFICE	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	2	KITCHEN REAR ENTRY, UTILITY	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
D3	750 X 2100	0	2100	3	3	TOILET	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	4	4	LIVING ROOM, BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1000 X 1350	750	2100	2	2	LIVING ROOM, BEDROOM-3	STEEL GLAZED WINDOW	
W3	1000 X 1050	1050	2100	1	1	KITCHEN	STEEL GLAZED WINDOW	
W4	600 X 1800	300	2100	1	1	ENTRANCE LOBBY	STEEL GLAZED WINDOW	
V1	600 X 750	1350	2100	4	4	TOILET	STANDARD STEEL SECTION	

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन
सत्यमेव जयते

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
PRINCIPAL'S QUARTER
SECTION AND ELEVATION

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/PQ/EL-2

DATE : FEBRUARY 2024

SCALE :1:50 SHEET SIZE : A3



TYPE II - GROUND FLOOR PLAN

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-II QUARTER
GROUND FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/GF-1

DATE : FEBRUARY 2024

SCALE : 1:100 SHEET SIZE : A3



TYPE II - FIRST FLOOR PLAN

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

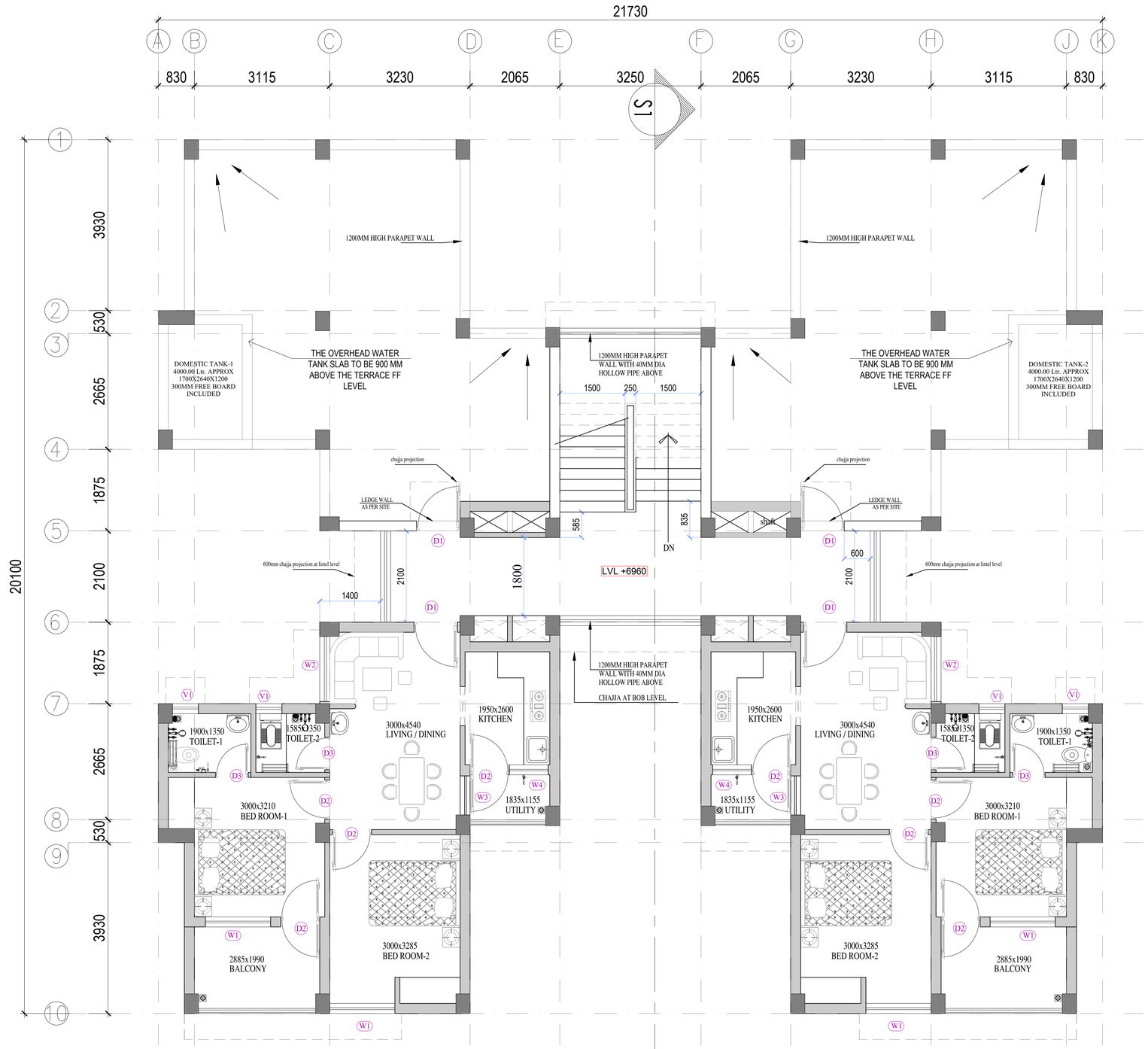
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-II QUARTER
FIRST FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/FF-1

DATE : FEBRUARY 2024

SCALE : 1:100 SHEET SIZE : A3



TYPE II - SECOND FLOOR PLAN

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

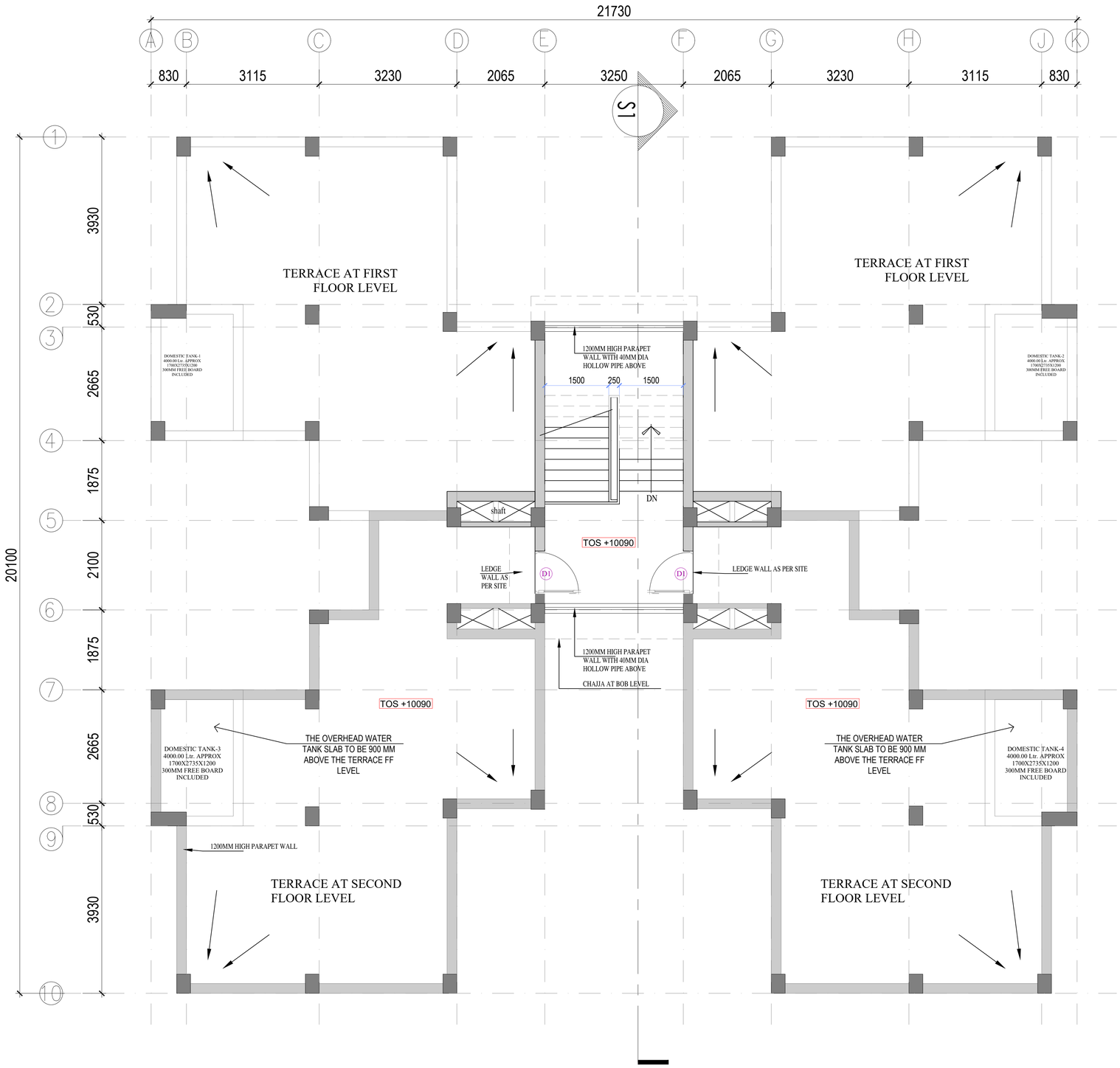
DRAWING TITLE :
TYPE-II QUARTER
SECOND FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/SF-1

DATE : FEBRUARY 2024

SCALE : 1:100

SHEET SIZE : A3



TYPE II - TERRACE FLOOR PLAN

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन
सत्यमेव जयते

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

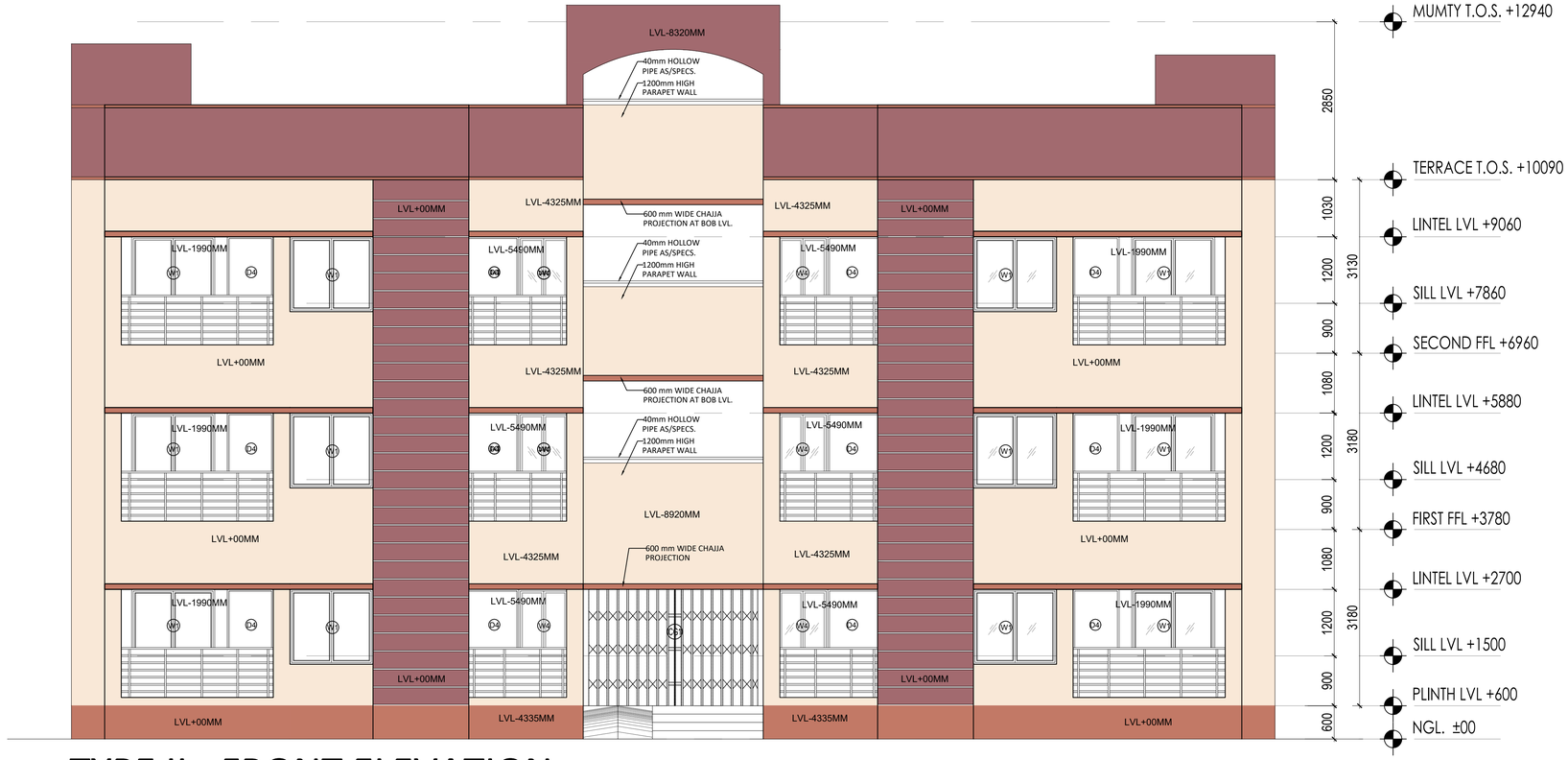
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-II QUARTER
TERRACE FLOOR PLAN

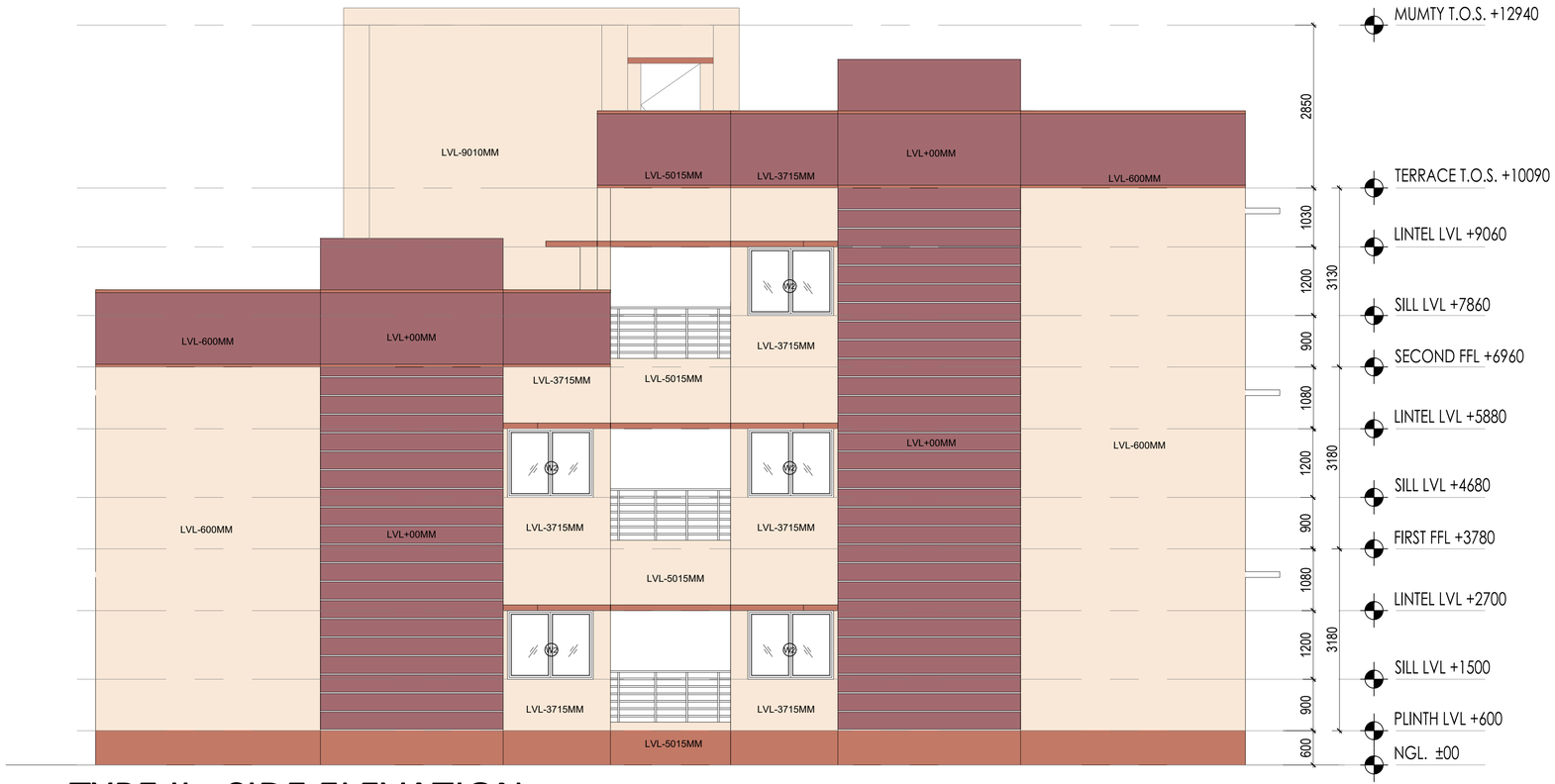
DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/TF-1

DATE : FEBRUARY 2024

SCALE : 1:100 SHEET SIZE : A3



TYPE II - FRONT ELEVATION



TYPE II - SIDE ELEVATION

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

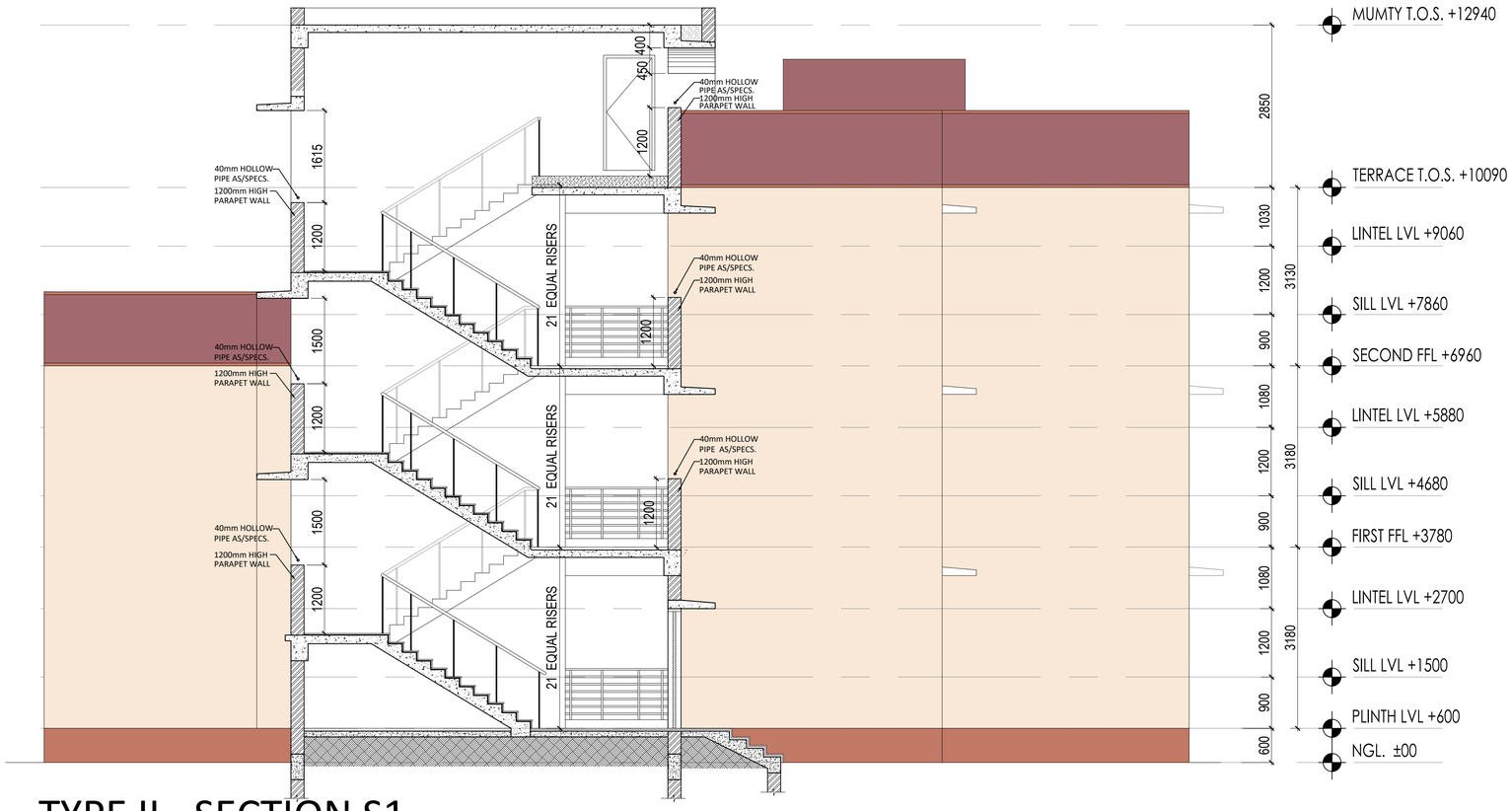
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-II QUARTER ELEVATIONS

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/EL-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE II - SECTION S1

AREA STATEMENT

TYPE II - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 287.09 Sqm
TOTAL COVERED AREA FIRST FLOOR = 284.54 Sqm
TOTAL COVERED AREA SECOND FLOOR = 162.80 Sqm
TOTAL COVERED AREA = 734.43 Sqm

FOR TENDER PURPOSE

TYPE 2

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE II QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	10	10	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	4	1	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	10	20	BALCONY, UTILITY	LAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	10	20	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	10	20	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	10	10	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	10	10	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	10	20	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	1	1	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

PMC ARCHITECTURAL CONSULTANT :

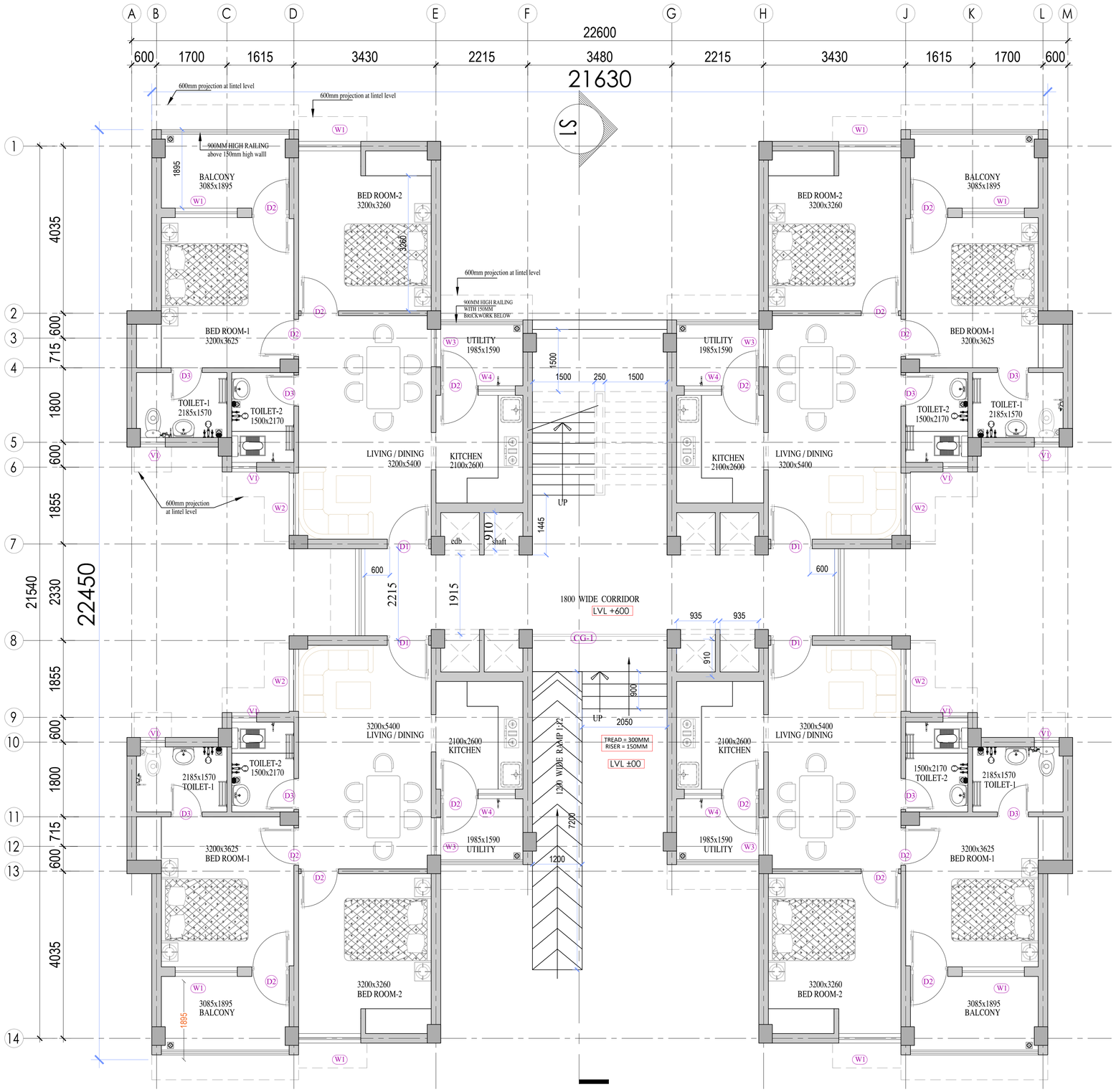
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-II QUARTER
SECTION

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-II/SE-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE : A3



TYPE III_B - GROUND FLOOR PLAN

AREA STATEMENT

TYPE III_B - QUARTER (8 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA = 660.95 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

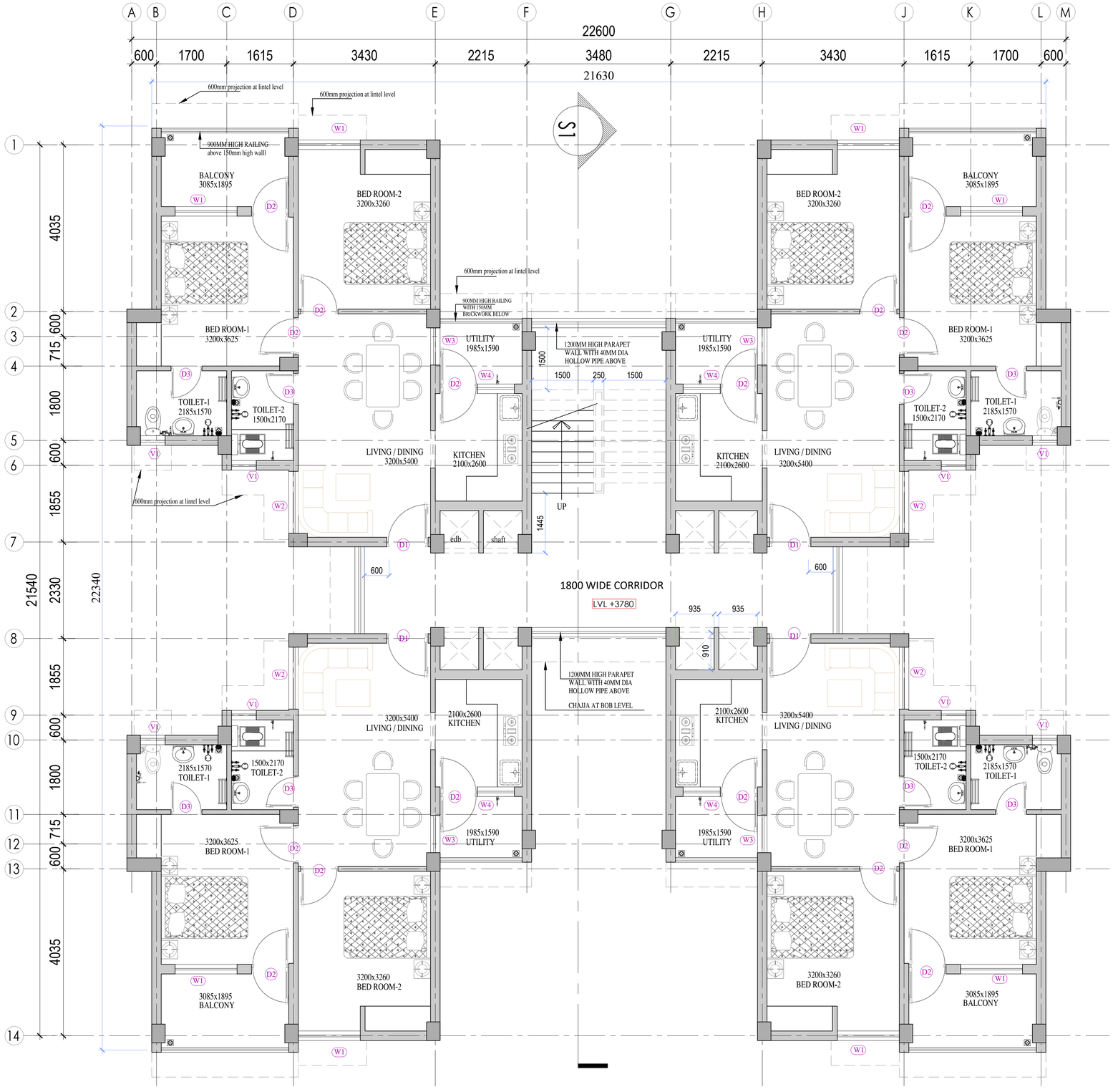
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-III_B QUARTER
GROUND FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III/GF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_B - FIRST FLOOR PLAN

AREA STATEMENT

TYPE III_B - QUARTER (8 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA = 660.95 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

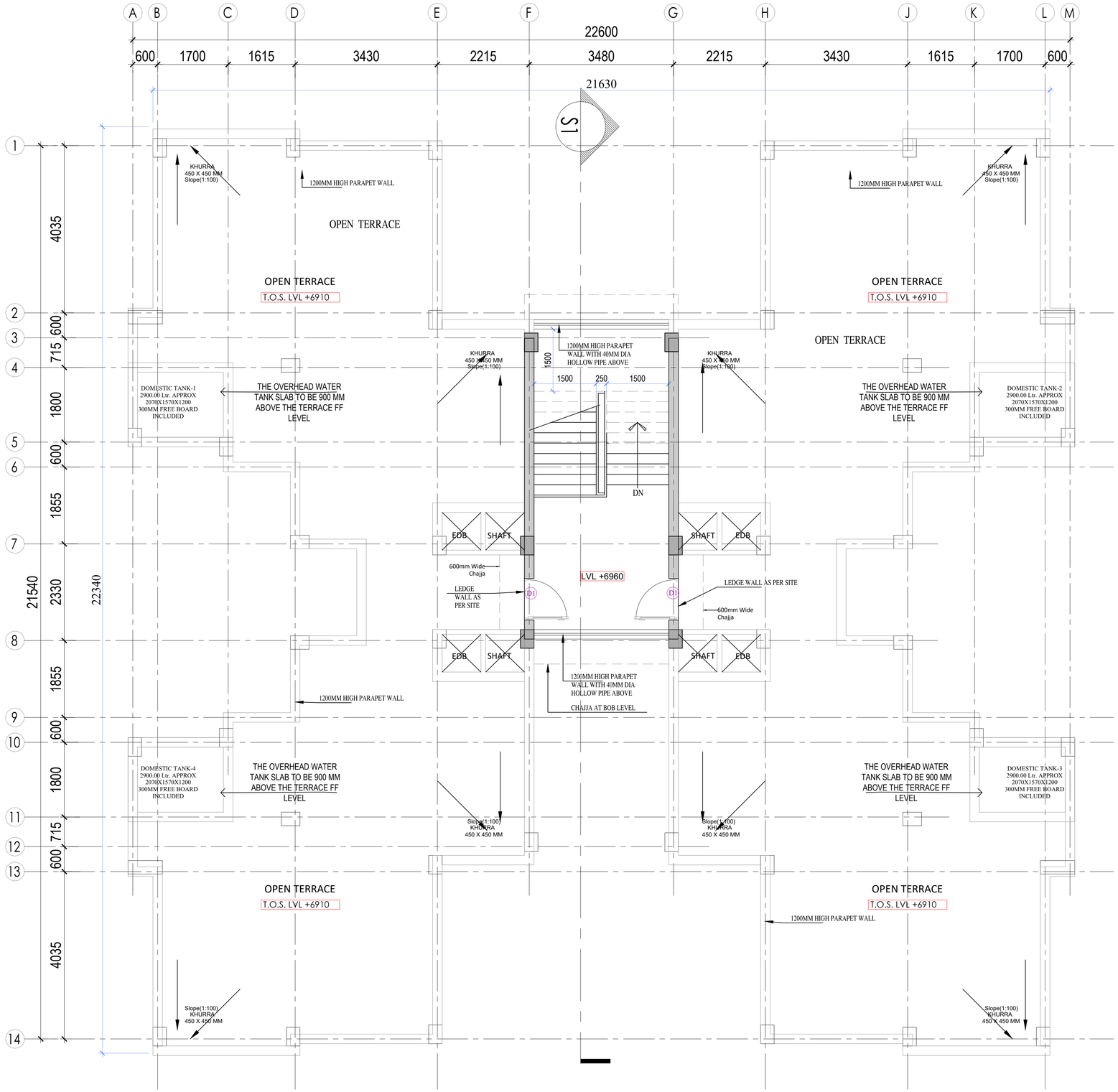
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-III_B QUARTER
FIRST FLOOR PLAN

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III/FF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_B - TERRACE PLAN

AREA STATEMENT

TYPE III_B - QUARTER (8 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA = 660.95 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र विकास समिति
जनजातिय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

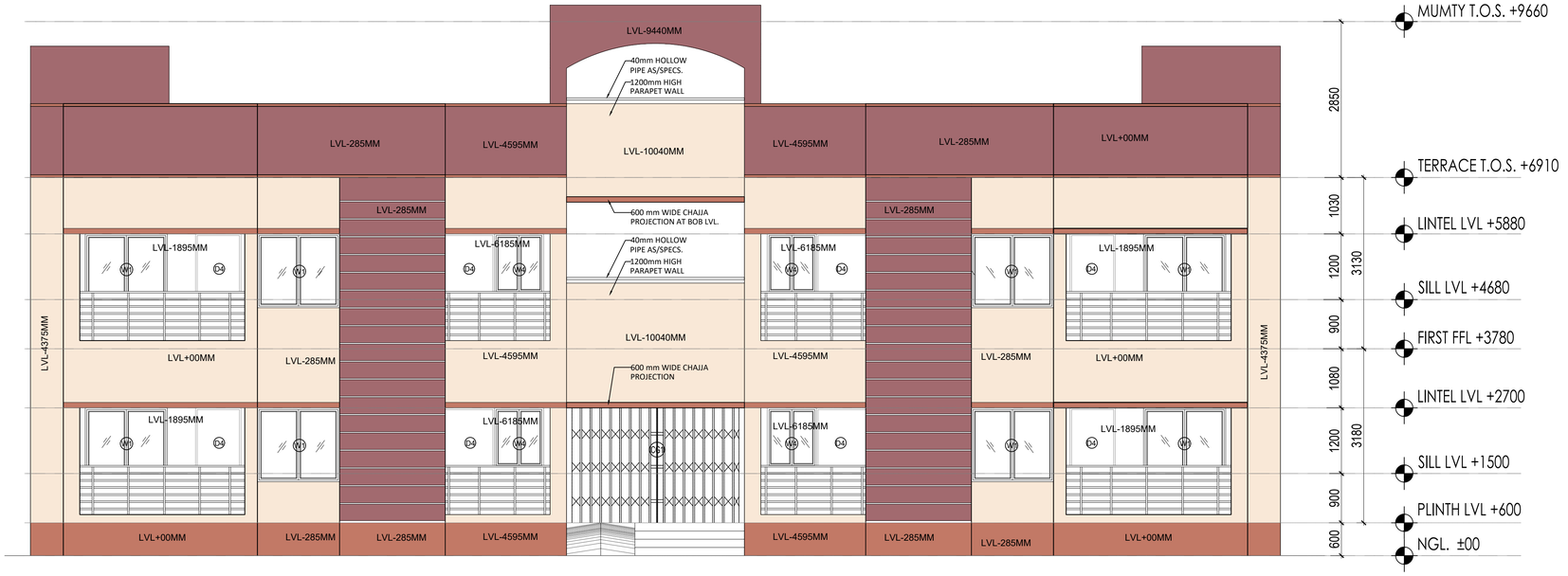
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-III_B QUARTER
TERRACE FLOOR PLAN

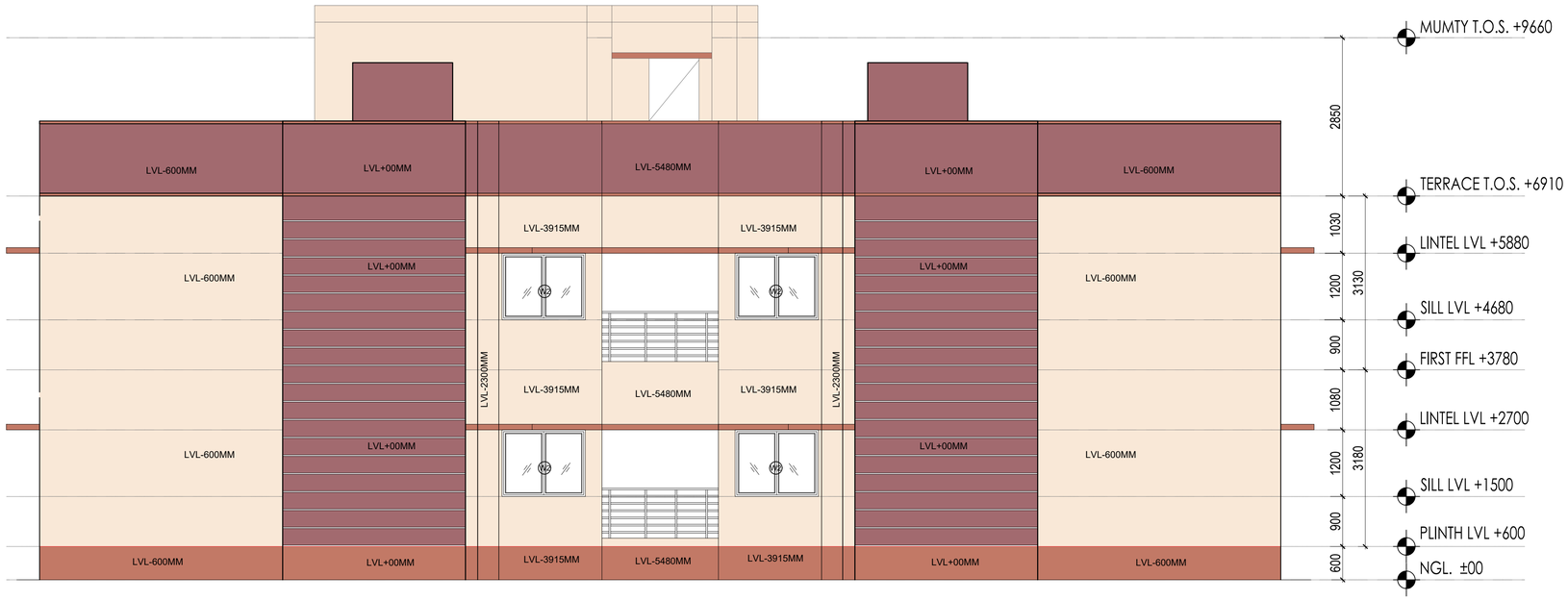
DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III/TF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III - FRONT ELEVATION



TYPE III - SIDE ELEVATION

AREA STATEMENT

TYPE III_B - QUARTER (8 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA = 660.95 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs.	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

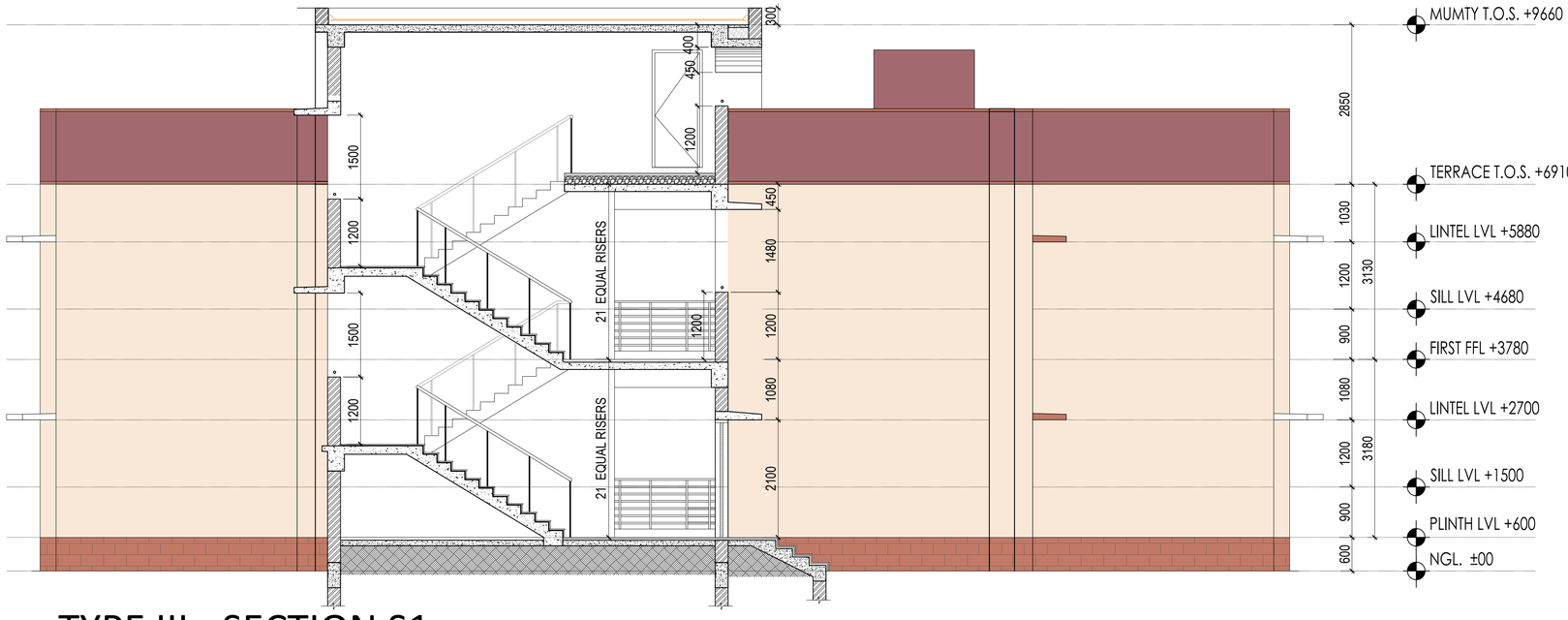
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-III_B QUARTER
ELEVATIONS

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III/EL-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III - SECTION S1

AREA STATEMENT

TYPE III_B - QUARTER (8 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA = 660.95 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन
सत्यमेव जयते

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TYPE-III_B QUARTER
SECTION

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III/SE-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_A - GROUND FLOOR PLAN

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजातीय छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

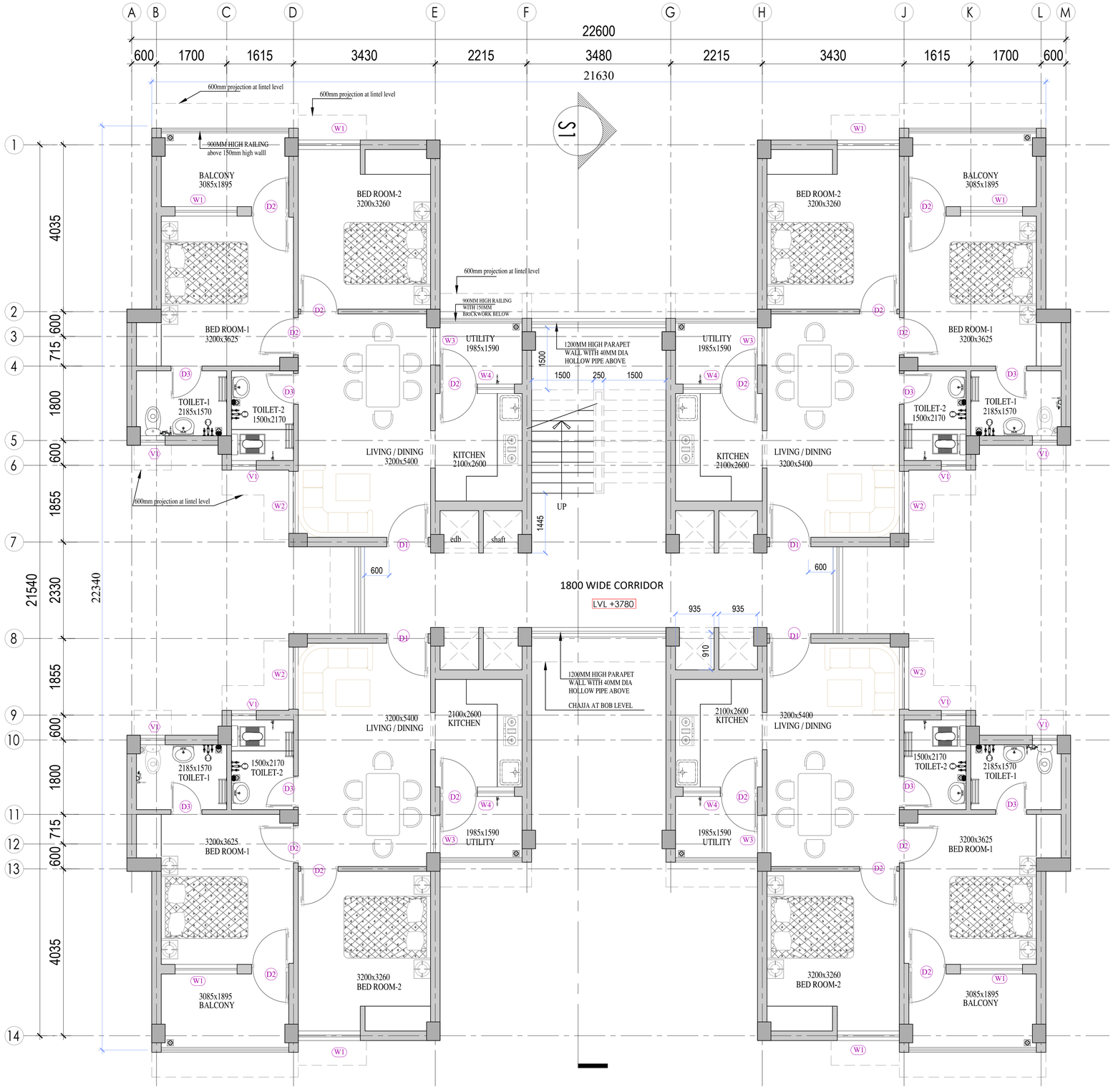
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
GROUND FLOOR PLAN
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/GF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_A - FIRST FLOOR PLAN

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र विकास समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

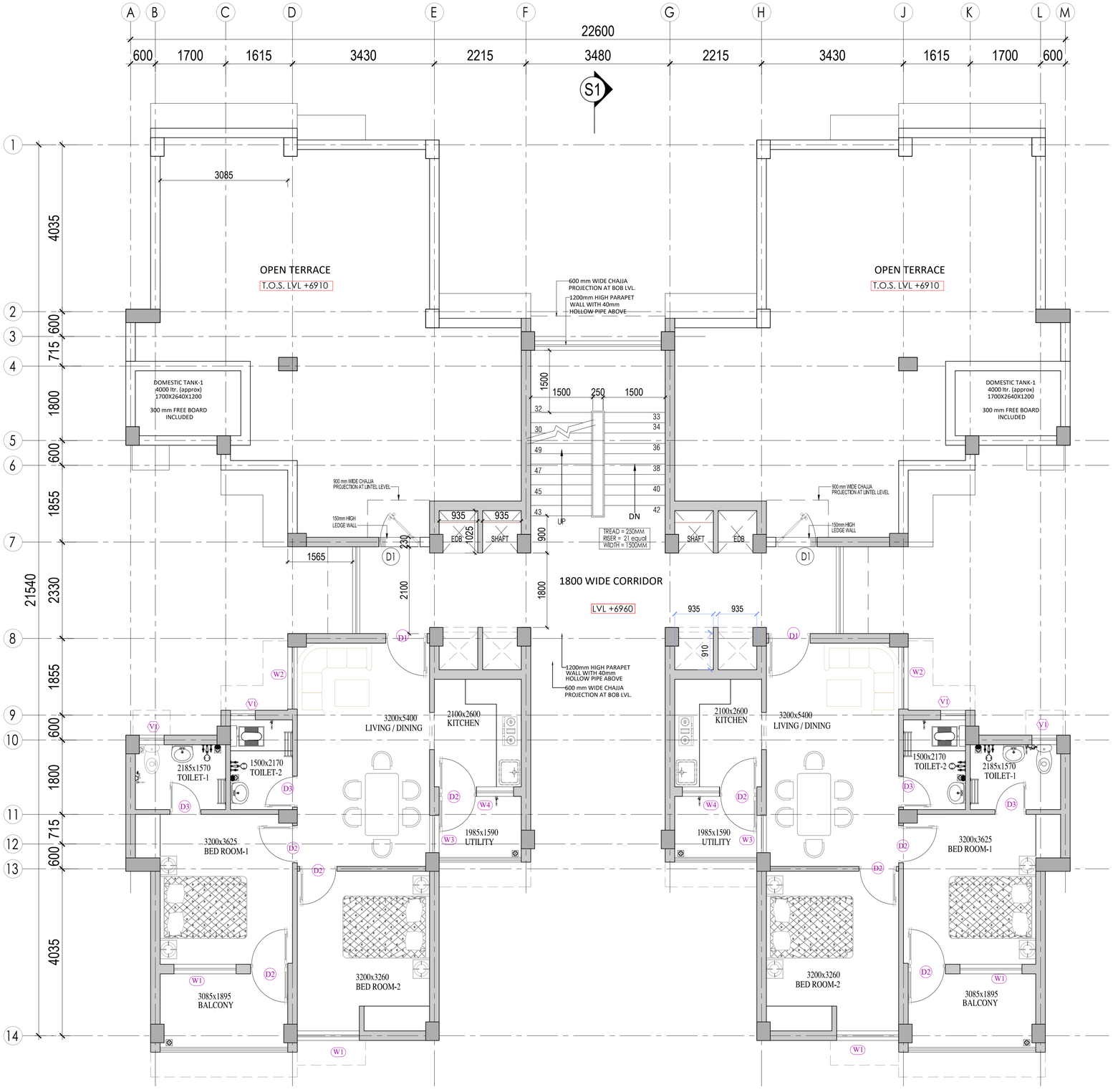
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
FIRST FLOOR PLAN
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/FF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_A - SECOND FLOOR PLAN

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs.	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

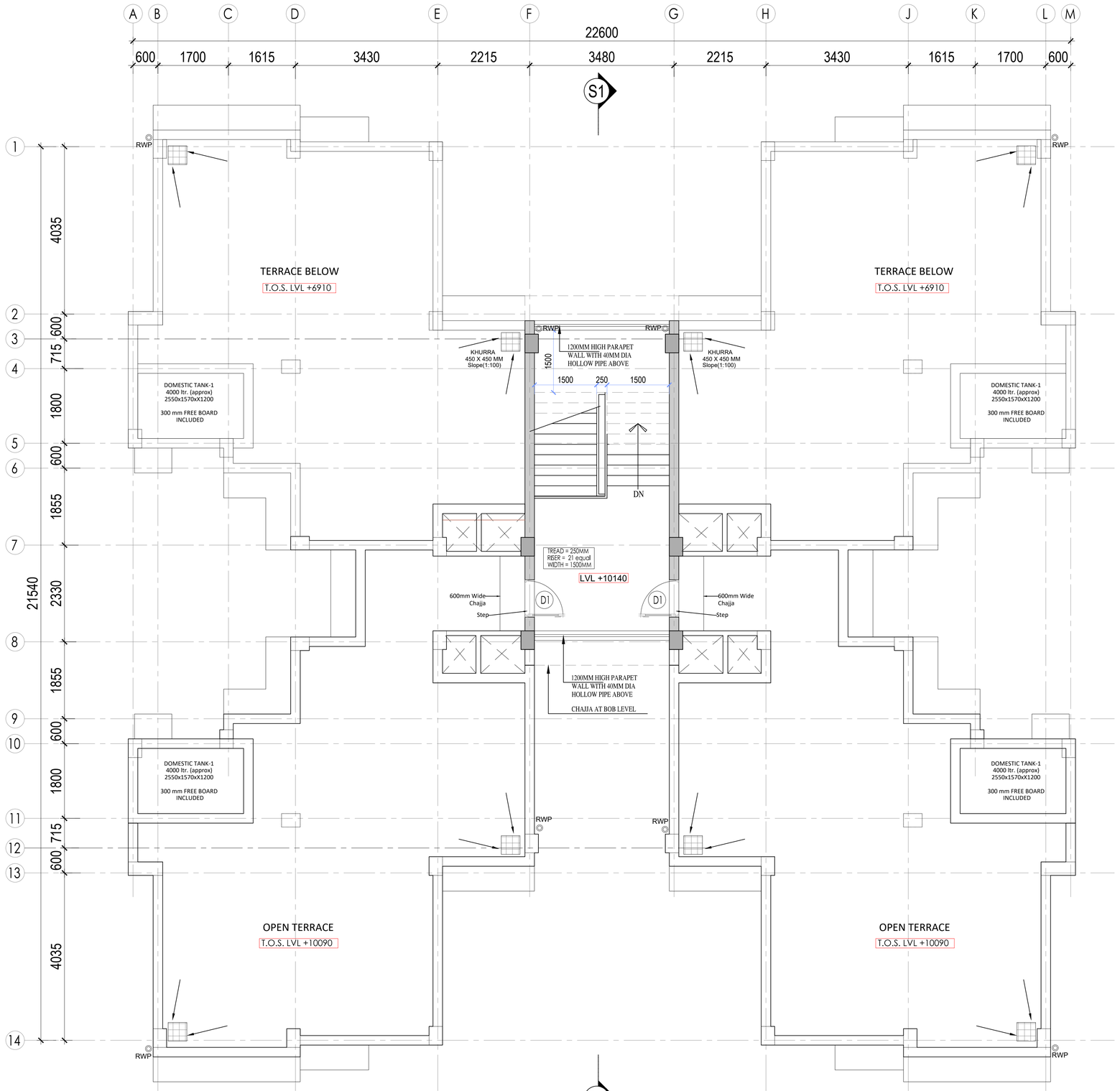
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
SECOND FLOOR PLAN
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/SF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_A - TERRACE PLAN

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3

DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organisation Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

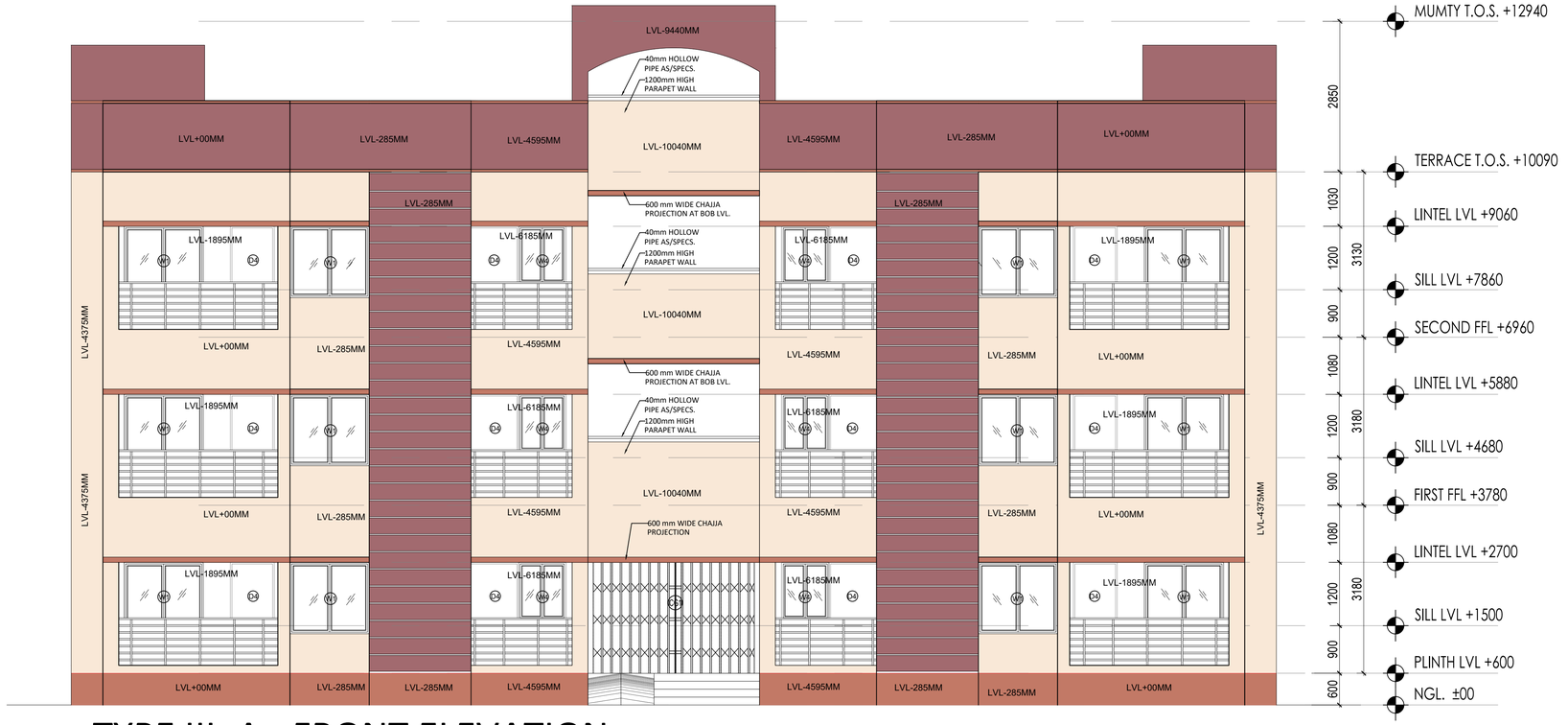
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
TERRACE PLAN
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/TF-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III_A - FRONT ELEVATION



TYPE III_A - SIDE ELEVATION

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3
DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER

TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

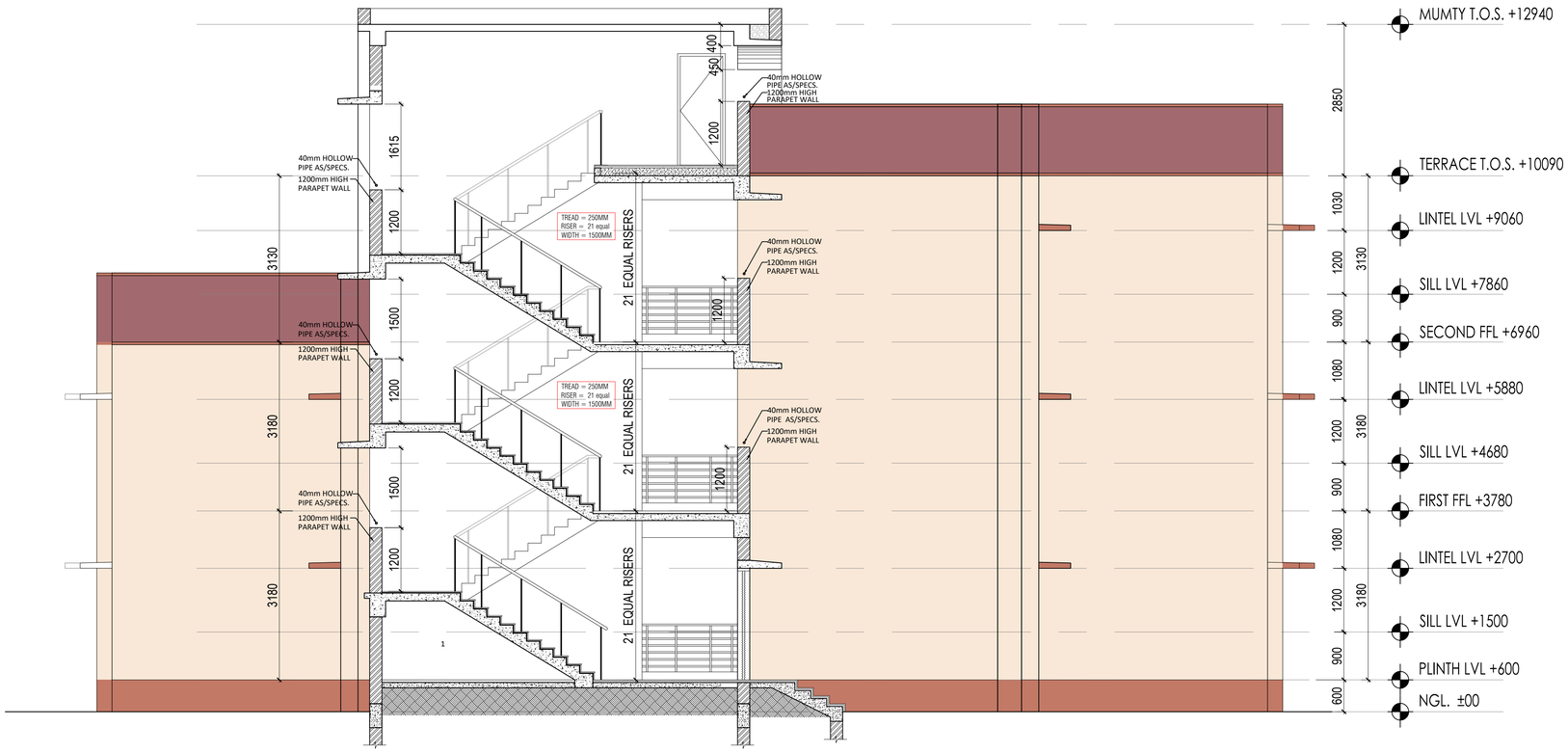
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
ELEVATIONS
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/EL-1

DATE : FEBRUARY 2024

SCALE :1:100 SHEET SIZE :A3



TYPE III-A - SECTION S1

AREA STATEMENT

TYPE III_A - QUARTER (10 UNITS)

TOTAL COVERED AREA GROUND FLOOR = 331.75 Sqm
TOTAL COVERED AREA FIRST FLOOR = 329.20 Sqm
TOTAL COVERED AREA SECOND FLOOR = 196.40 Sqm
TOTAL COVERED AREA = 857.35 Sqm

FOR TENDER PURPOSE

TYPE 3 DOOR, WINDOW, VENTILATOR, FIXED GLAZING, GRILL SCHEDULE FOR TYPE III QUARTER									
TAG	CLEAR OPENING SIZE	SILL	LINTEL	Nos. (for 1 qtr)	Total nos. of qtrs	TOTAL	LOCATION	MATERIAL	COMMENTS
D1	1000 X 2100	0	2100	1	16	16	MAIN ENTRANCE DOOR	FLUSH DOOR	SINGLE LEAF
D1	1000 X 2100	0	2100	2	2	4	TERRACE DOOR	MS SHEET DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	BEDROOM	FLUSH DOOR	SINGLE LEAF
D2	900 X 2100	0	2100	2	16	32	UTILITY, BALCONY	PRELAMINATED DOOR WITH WIRE MESH	SINGLE LEAF
D3	750 X 2100	0	2100	2	16	32	TOILET DOOR	FACTORY PRESSED LAMINATED DOOR	SINGLE LEAF
W1	1500 X 1350	750	2100	2	16	32	BEDROOM-1, BEDROOM-2	STEEL GLAZED WINDOW	
W2	1500 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W3	900 X 1200	900	2100	1	16	16	LIVING / DINING HALL	STEEL GLAZED WINDOW	
W4	900 X 1050	1050	2100	1	16	16	KITCHEN	STEEL GLAZED WINDOW	
V1	600 X 600	1500	2100	2	16	32	TOILET	STANDARD STEEL SECTION	
CG-1	3250 X 2100	0	2100	1	2	2	BLOCK FRONT ENTRY GATE	STANDARD STEEL SECTION	COLLAPSIBLE GATE

PROJECT TITLE :
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AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students
(An Autonomous Organization Under the Ministry of Tribal Affairs)
(Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
जनजातिय कार्य मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

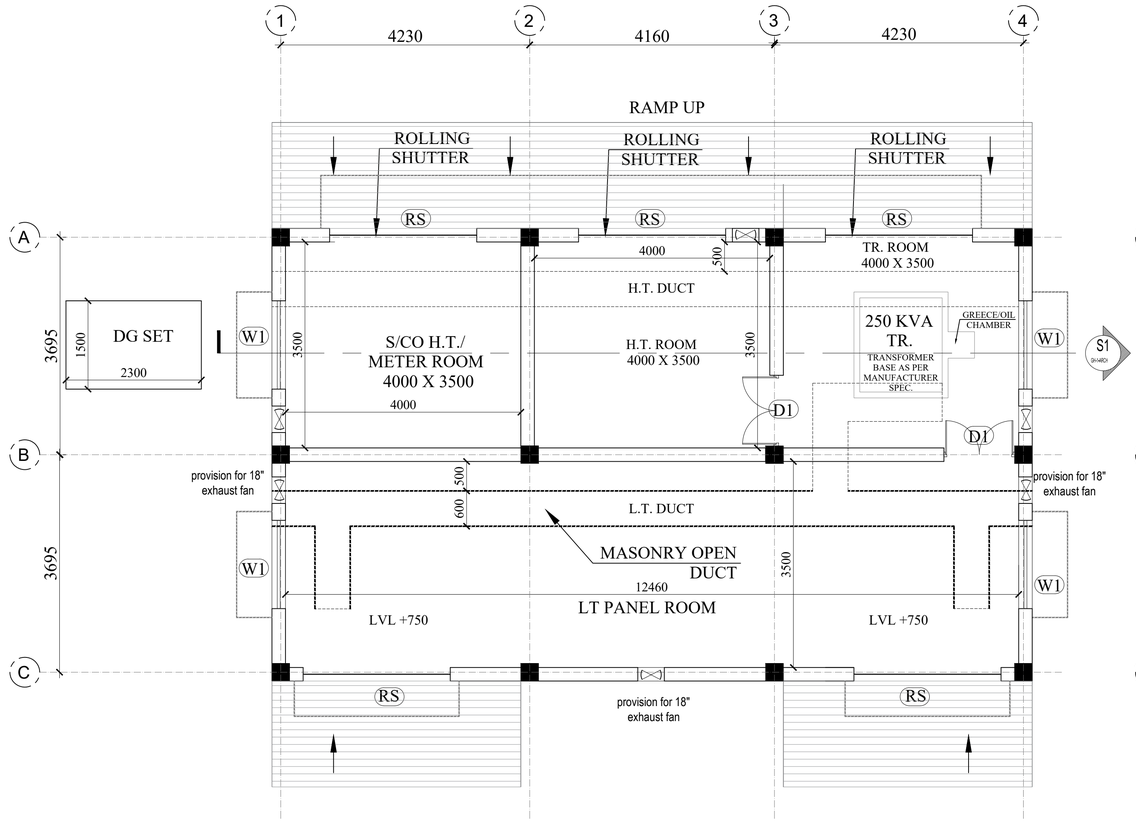
PMC ARCHITECTURAL CONSULTANT :
WAVESTECH INDIA
KRAEJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED

DRAWING TITLE :
SECTION
TYPE-III_A QRTS. WITH WARDEN RESIDENCE

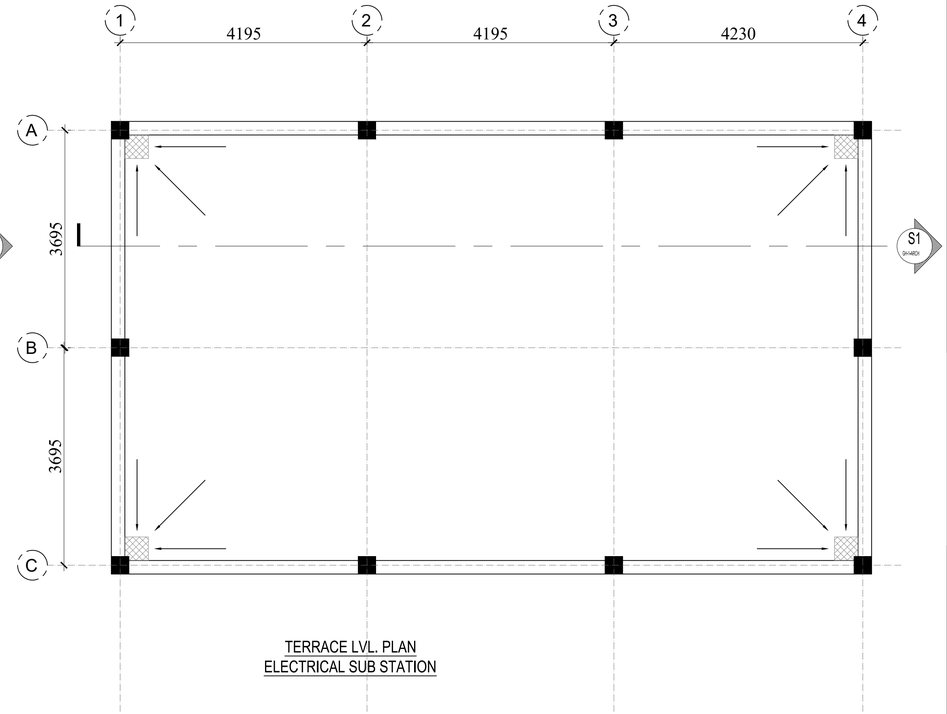
DRAWING NUMBER :
WAP/EMRS BORIGGUMA/AR/TY-III_A/SE-1

DATE : FEBRUARY 2024

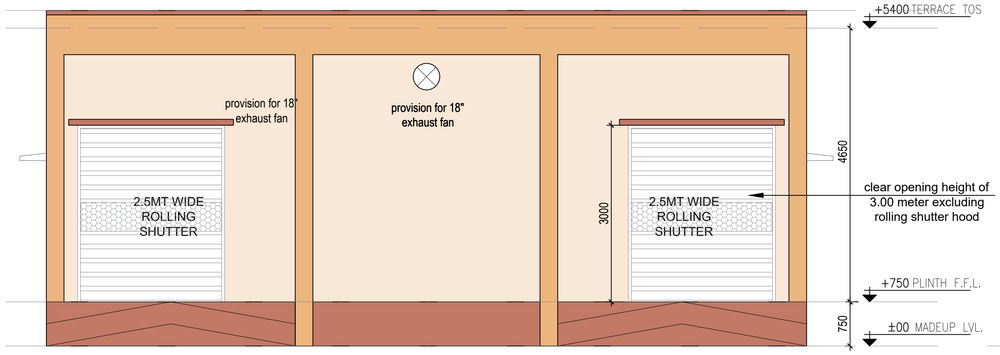
SCALE :1:100 SHEET SIZE :A3



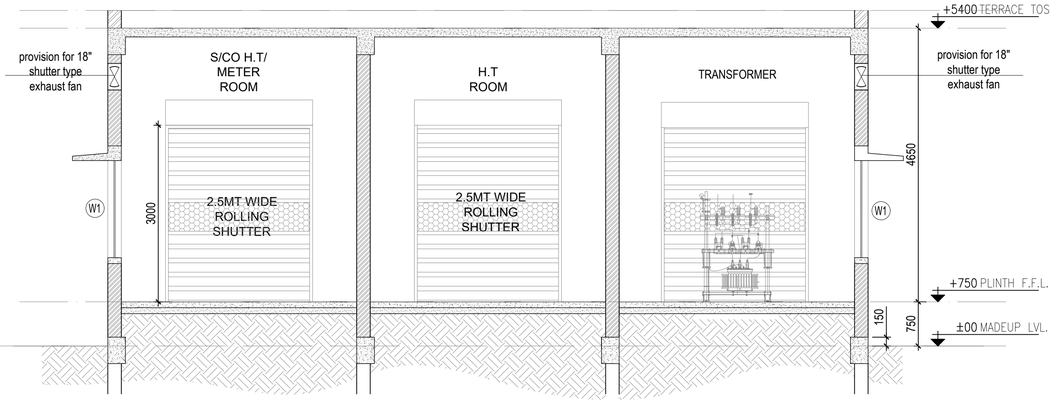
GROUND LVL. PLAN
ELECTRICAL SUB STATION



TERRACE LVL. PLAN
ELECTRICAL SUB STATION



BACKSIDE ELEVATION



SECTION S1
ELECTRICAL SUB STATION

FOR TENDER PURPOSE

DOOR, WINDOW SCHEDULE				
TAG	CLEAR OPENING SIZE	SILL	LINTEL	GF
D1	1200 X 2400	0	2400	2
RS	2500 X 3000	0	3000	5
W1	1500 X 1650	750	2400	4

GROUND FLOOR BUILT-UP
AREA- 99.35 SQMT

PROJECT TITLE :
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AT BORIGGUMA, DISTT. KORAPUT, ODISHA

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Government of India
एकलव्य आदिवासी छात्र शिक्षा समिति
आदिवासि मामले मंत्रालय (भारत सरकार) के अधीन
स्वायत्त संगठन

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

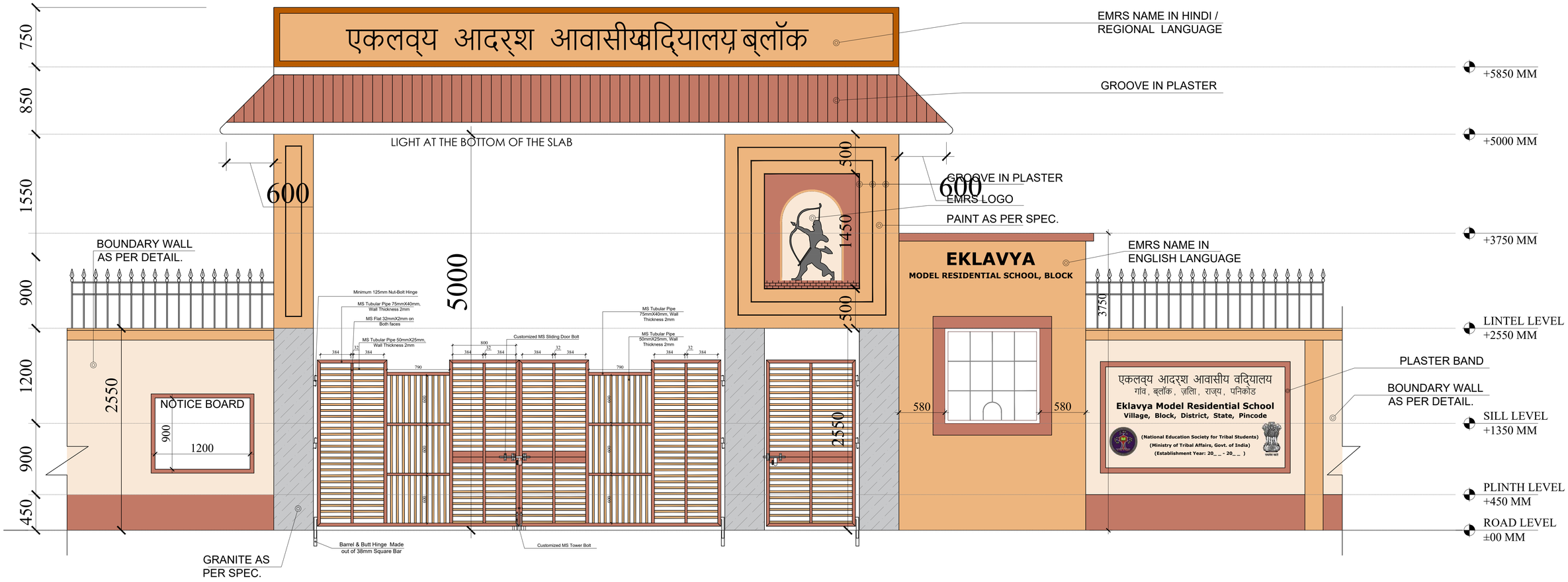
DRAWING TITLE :
ELECTRICAL SUB STATION

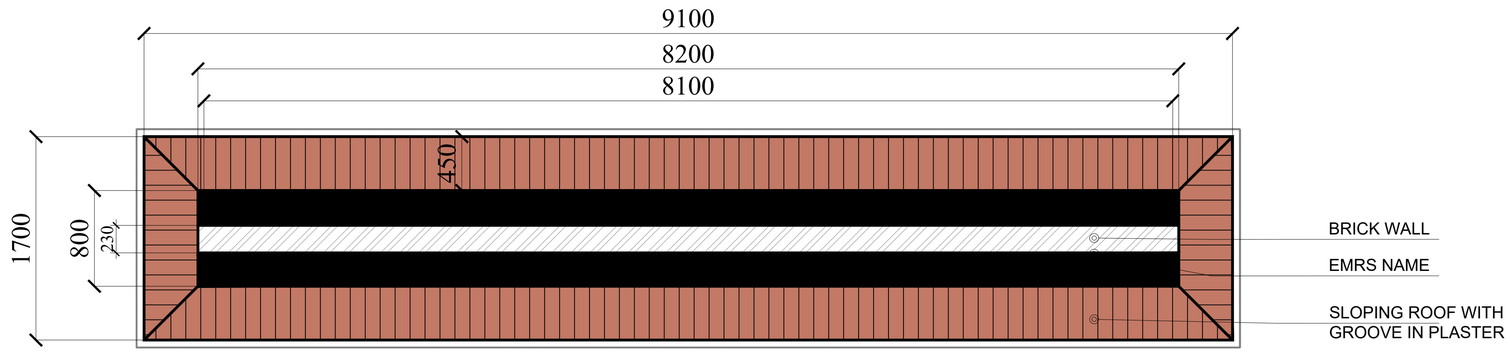
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/ESS/AR-01

DATE : JUNE 2023

SCALE : **1:500**

SHEET SIZE : **A3**





PLAN AT 6400MM LEVEL

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र निकाय समिति
(आदिवासि मामले मंत्रालय (भारत सरकार) के अधीन)
स्थापना वर्ष : 2019

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

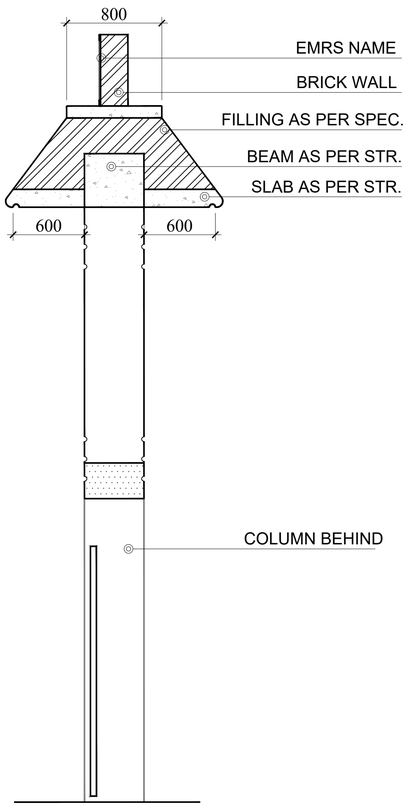
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

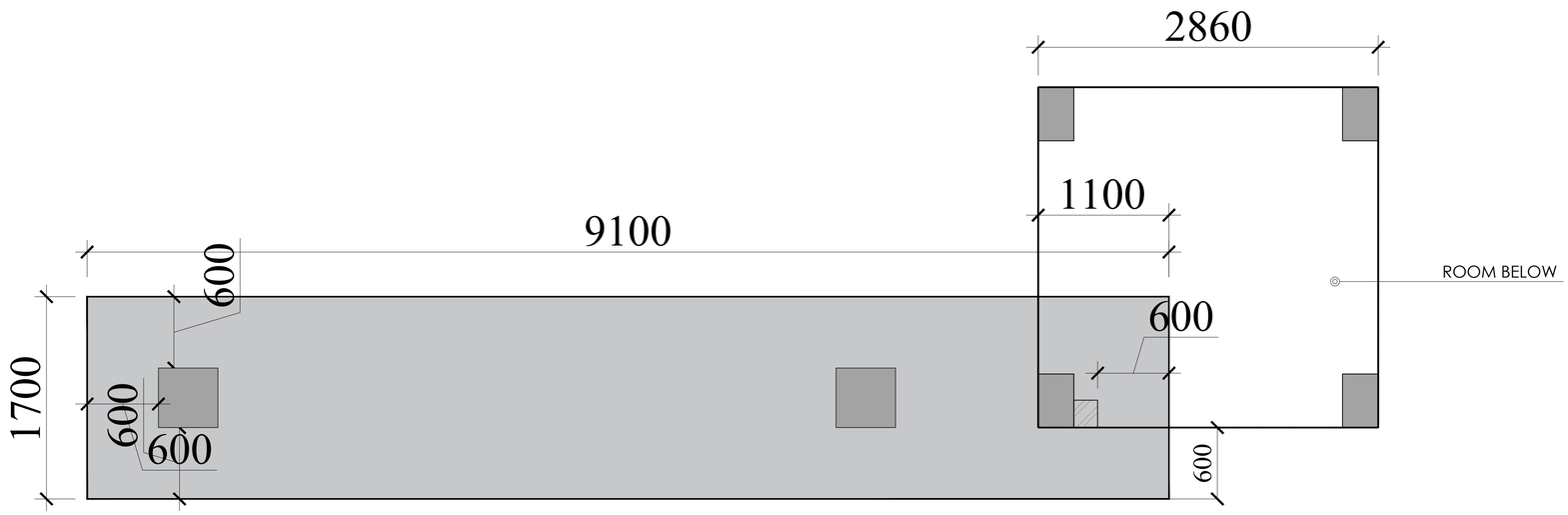
DRAWING TITLE :
MAIN ENTRANCE GATE & GUARD ROOM - (Sheet-1)

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/MG/AR-01

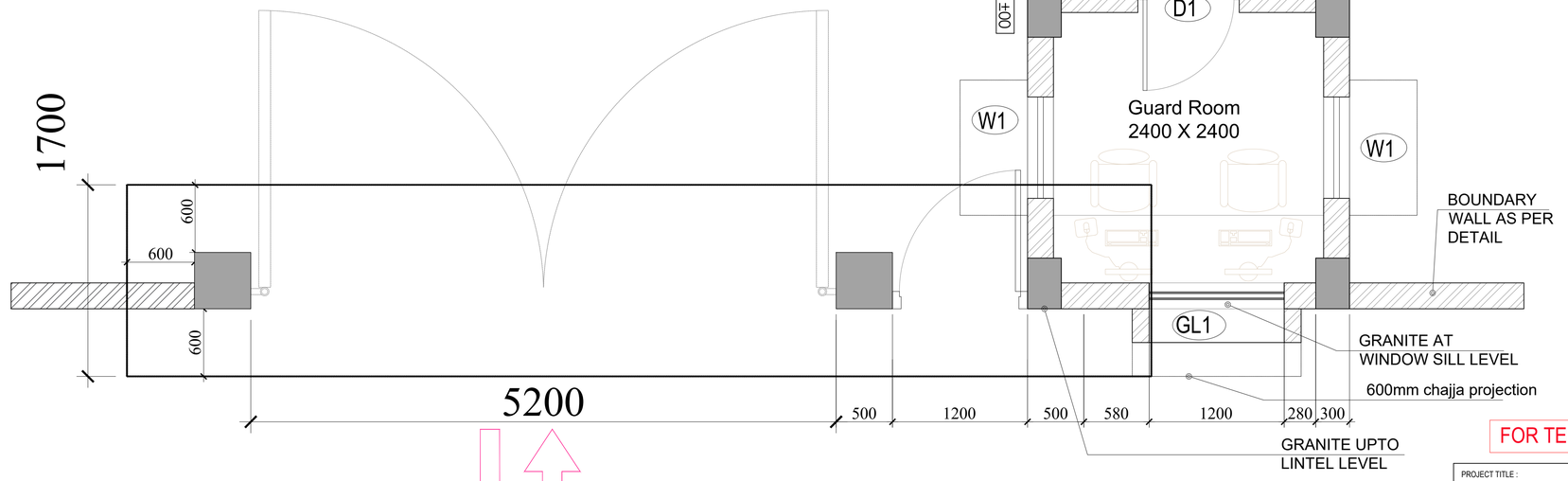
DATE : JUNE 2023

SCALE : **1:500** SHEET SIZE : **A3**





PLAN AT 5000MM LEVEL



In - Out
Plan At ±00 LVL.

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organisation Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय आदिवासी छात्र शिक्षा समिति
आदिवासी कार्य मंत्रालय (भारत सरकार) के अधीन
सत्यमेव जयते

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

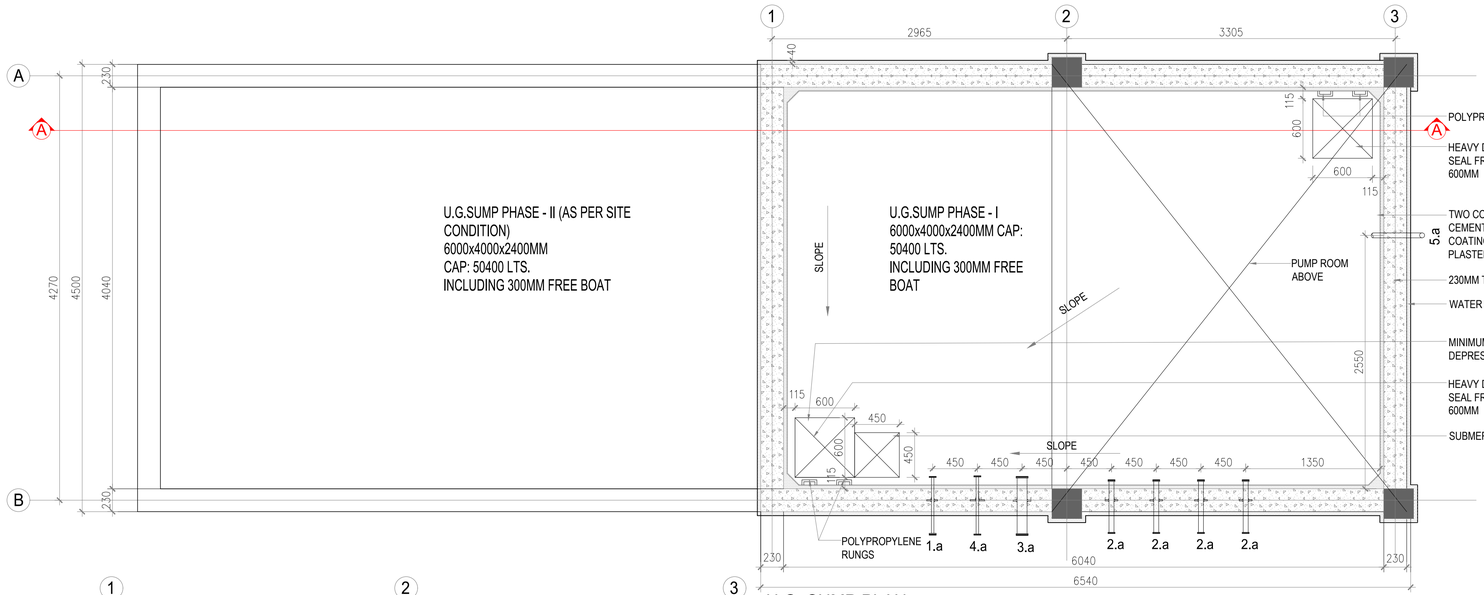
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
MAIN ENTRANCE GATE &
GUARD ROOM - (Sheet-2)

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/MG/AR-02

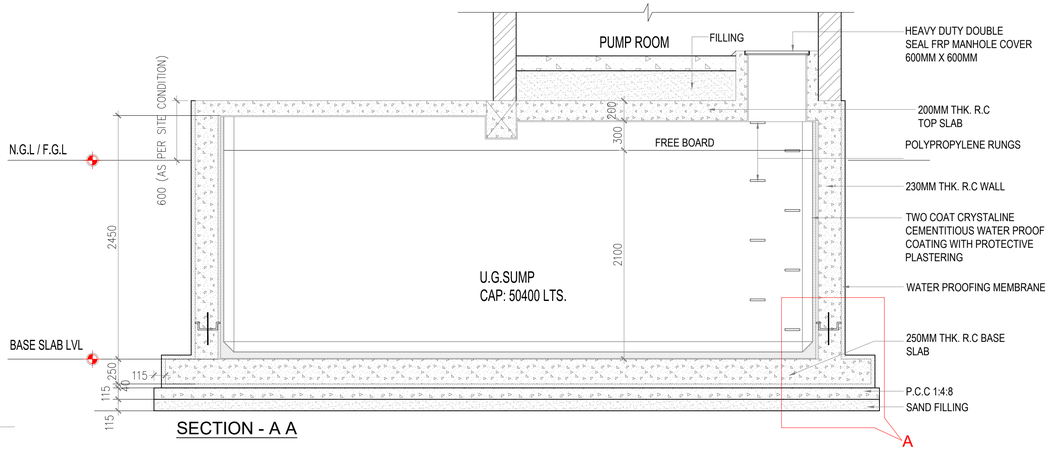
DATE : JUNE 2023

SCALE : **1:500** SHEET SIZE : **A3**

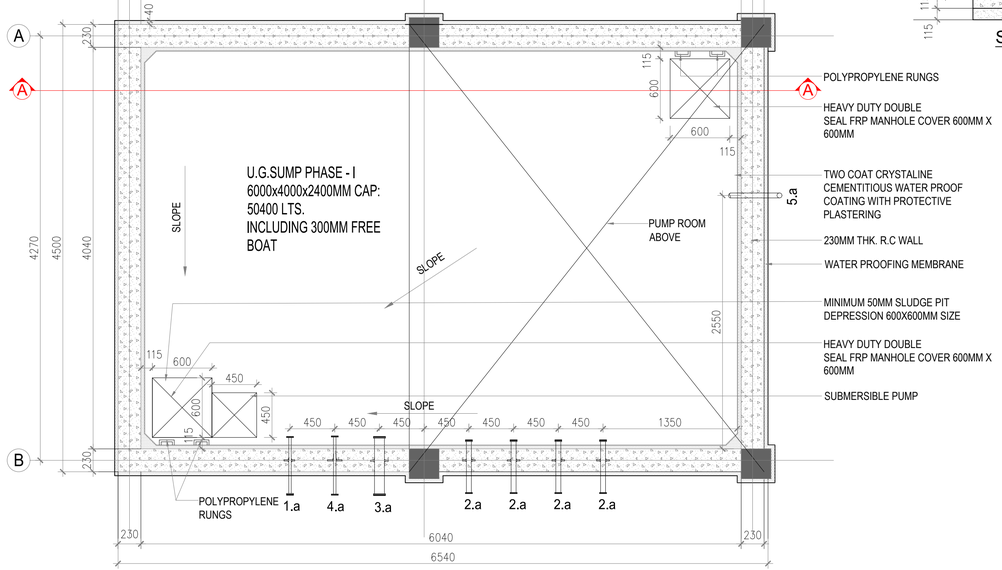


U.G. SUMP PLAN
OPTION -2

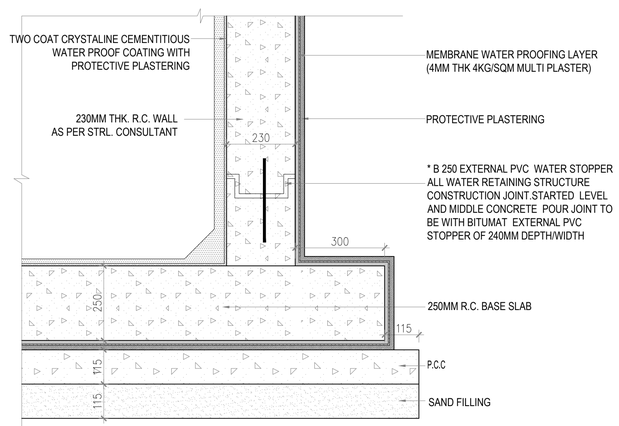
					BORE WATER 50,400LTRS. CAPACITY
DETAIL OF PUDDLE FLANGE(P.F) (REFERENCE FROM RCC COVER SLAB BOTTOM					
S. NO	SYMBOL	DESCRIPTION	PF DIA.	CENTER OF PF LEVEL	MAKE
1	1.a	ELECTRICAL POWER SUPPLY (TO BE FIXED HORIZONTALLY)	25MM	+150MM	G.I. PIPE TATA-B CLASS
2	2.a	OUTLET PIPE FOR BORE WATER TO OVER HEAD TANK (TO BE FIXED HORIZONTALLY) (4NOS)	50MM	+150MM	G.I. PIPE TATA-B CLASS
3	3.a	INLET PIPE FOR TRUCK WATER TO SUMP (TO BE FIXED HORIZONTALLY)	100MM	+150MM	G.I. PIPE TATA-B CLASS
4	4.a	INLET PIPE FOR BORE WATER (TO BE FIXED HORIZONTALLY)	50MM	AS @ SITE	G.I. PIPE TATA-B CLASS
5	5.a	VENT PIPE (TO BE FIXED VERTICALLY)	50MM	TOP SLAB	G.I. PIPE TATA-B CLASS



SECTION - A A



U.G. SUMP PLAN
OPTION - 1



DETAIL - A

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) Government of India
राष्ट्रीय जनजातीय एवम् शिक्षा समिति (जनजातीय मामले मंत्रालय (भारत सरकार) के अधीन) सरकार सोसाइटी

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

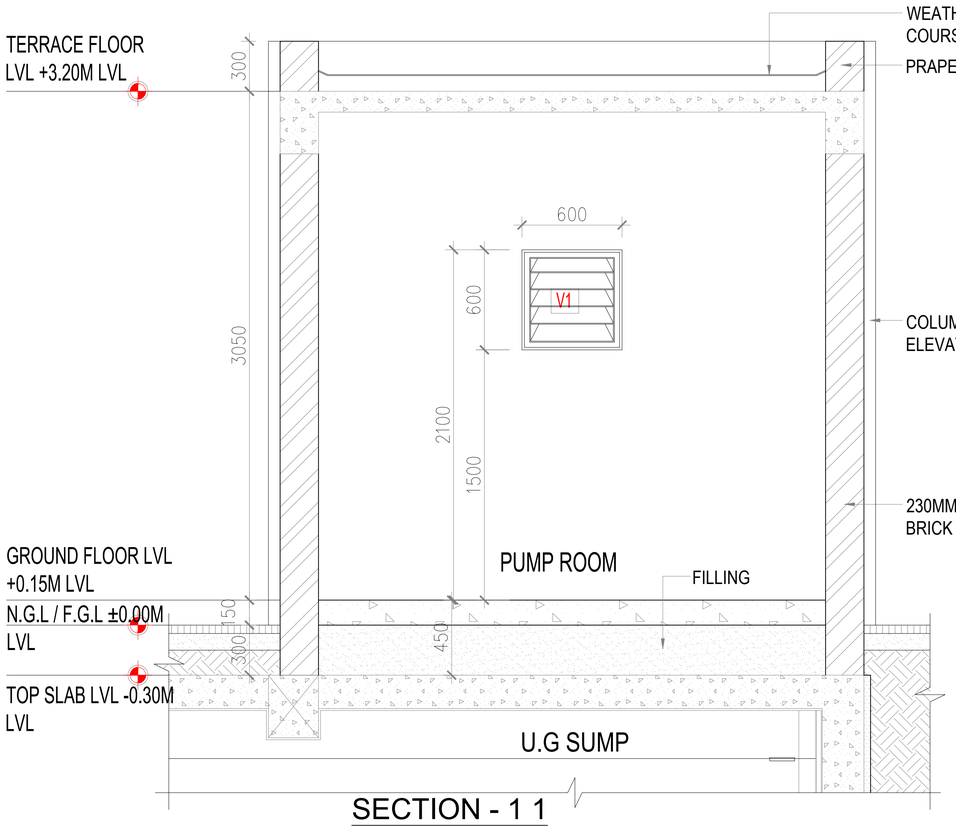
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
UNDER GROUND WATER TANK

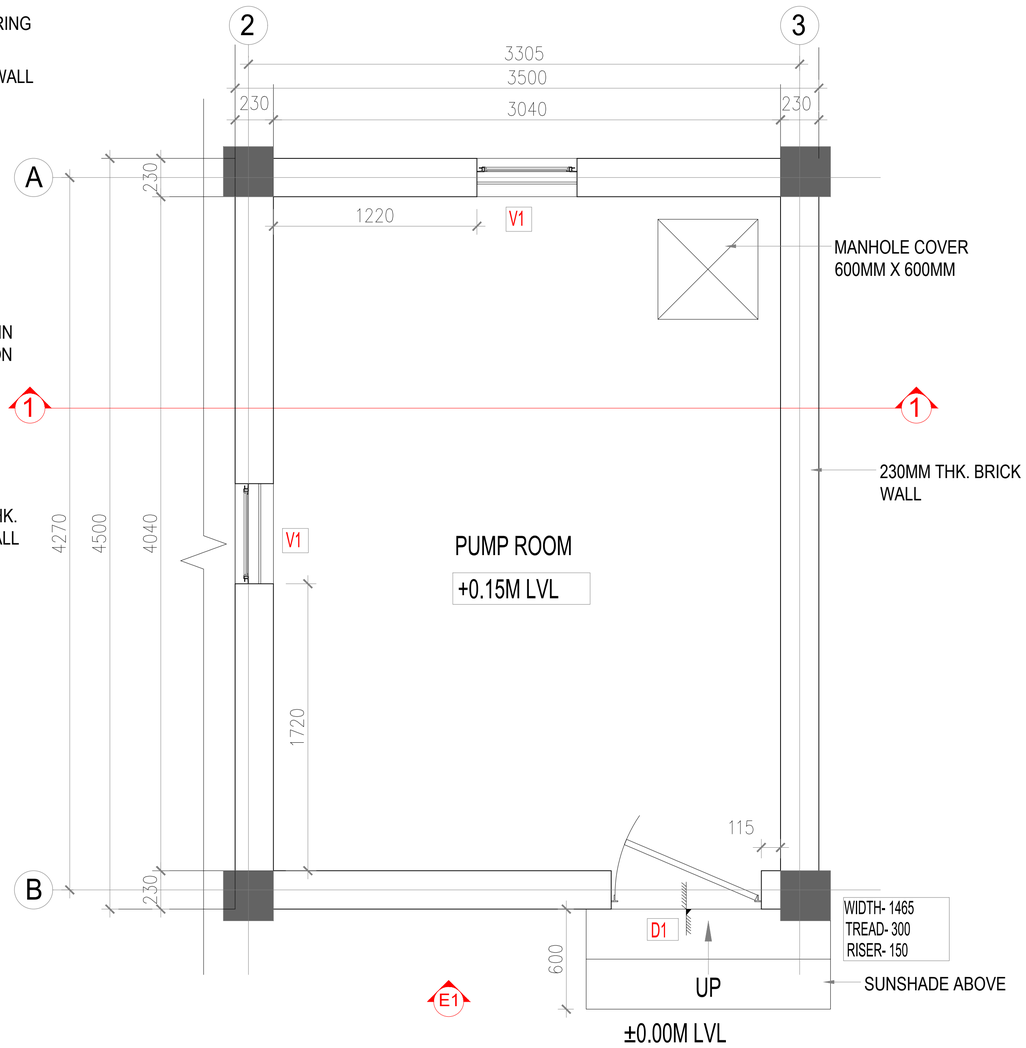
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/UGT/AR-01

DATE : JUNE 2023

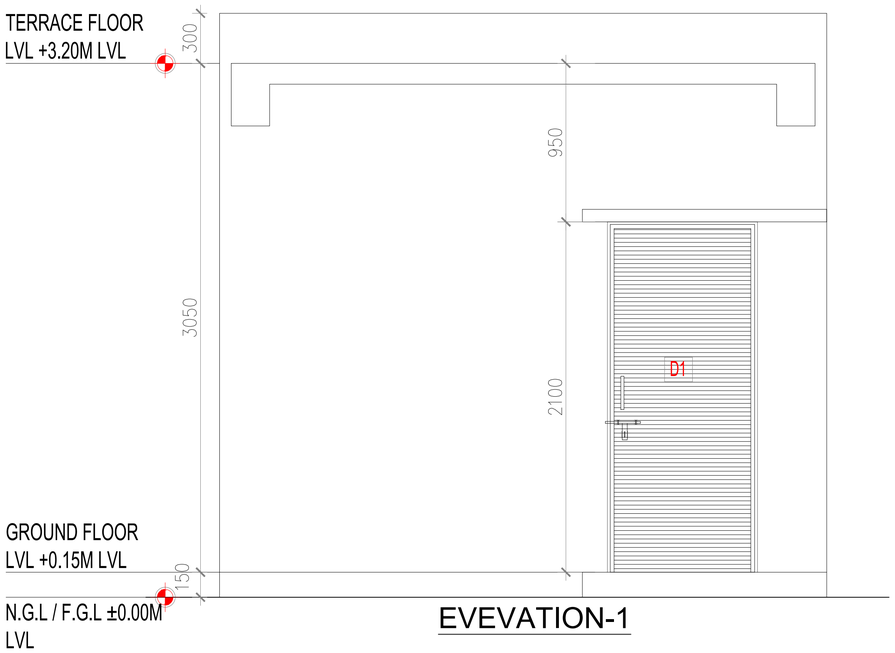
SCALE : 1:500 SHEET SIZE : A3



SECTION - 1 1



PUMP ROOM PLAN



EVEVATION-1

PUMP ROOM						
S.NO	TYPE	DESCRIPTION	SIZE	SILL LEVEL	GROUND FLOOR	FRAME SIZE
01	D4	DOOR 4	900X2100	–	01	T–IRON FRAME 40X40X6MM
02	V2	VENTILATOR 2	600X600	1500	02	STEEL GLAZED WINDOW Z – SECTION
GRAND TOTAL					03	

FOR TENDER PURPOSE

DOOR, WINDOW SCHEDULE

TAG	CLEAR OPENING SIZE	SILL	LINTEL	QF	MATERIAL
D1	900 X 2100	0	2100	1	FACTORY PRESSED LAMINATED DOOR
V1	600 X 600	1500	2100	2	

PROJECT TITLE :
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राष्ट्रीय जनजातीय छात्र शिक्षा समिति
(जनजातीय कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

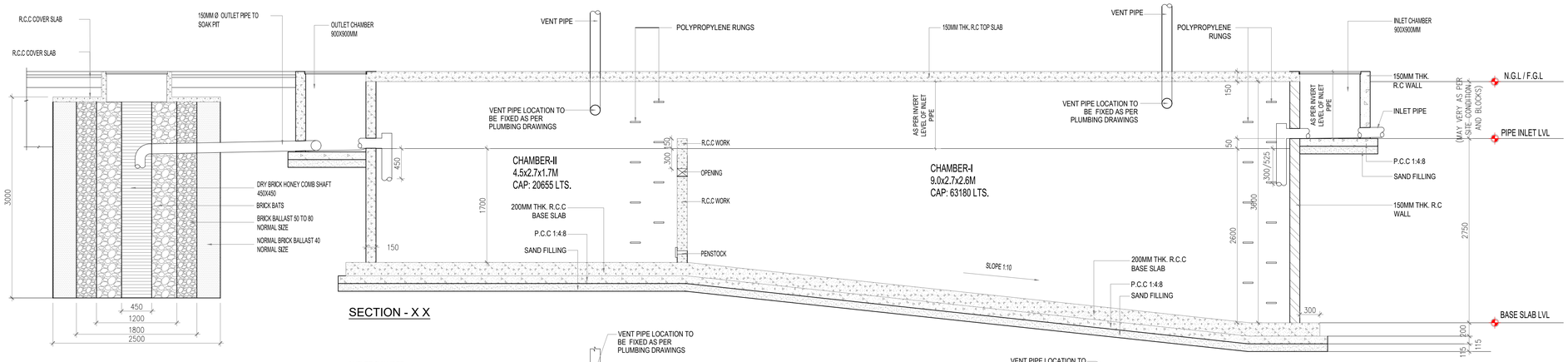
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
PUMP ROOM

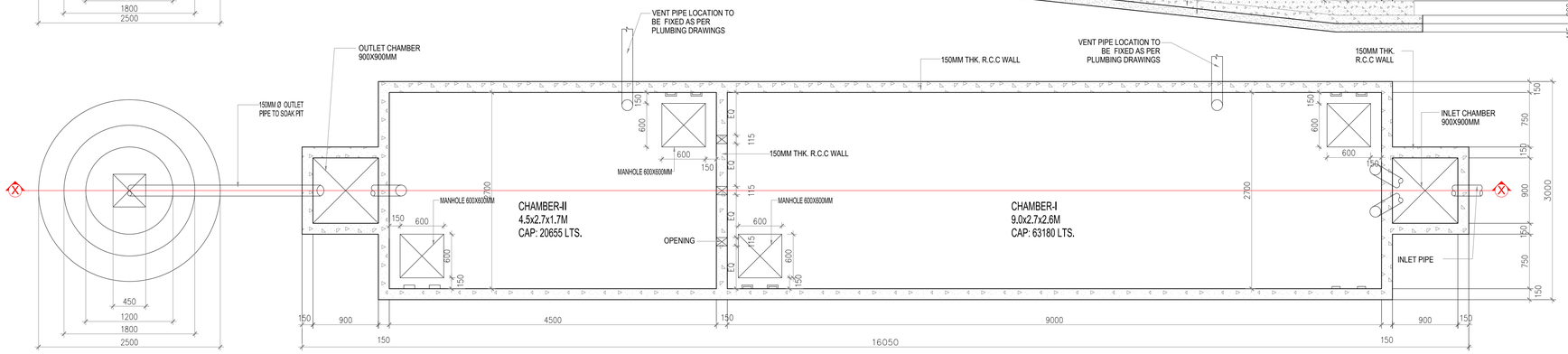
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/UGT/AR-02

DATE : JUNE 2023

SCALE : 1:500 SHEET SIZE : A3



SECTION - X X



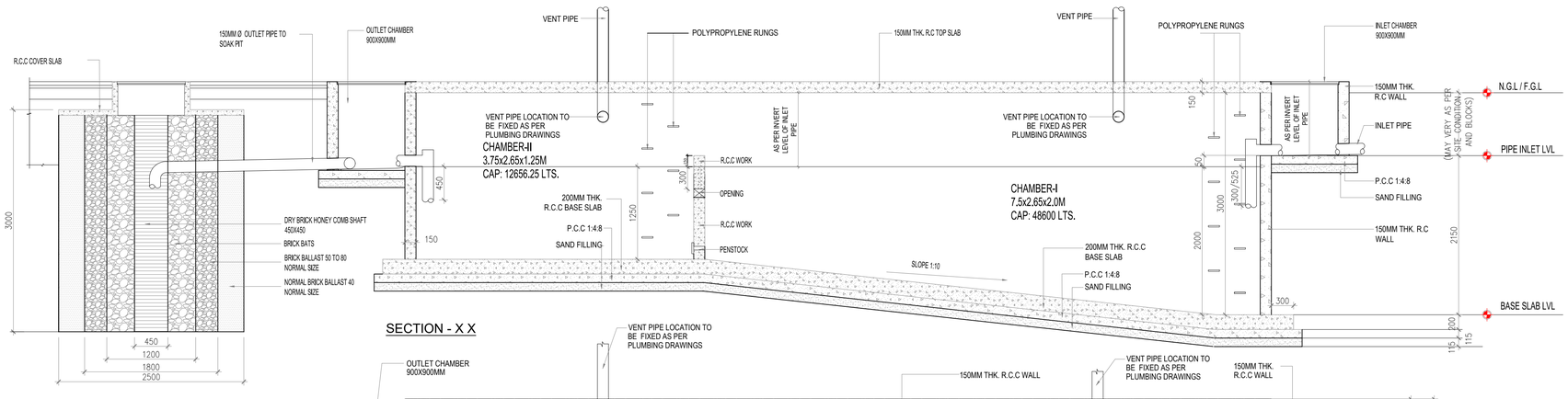
SOAK PIT

*SOAK PIT DETAIL AS PER CPWD 2019 SPEC. VOL. 1 Pg. 437.

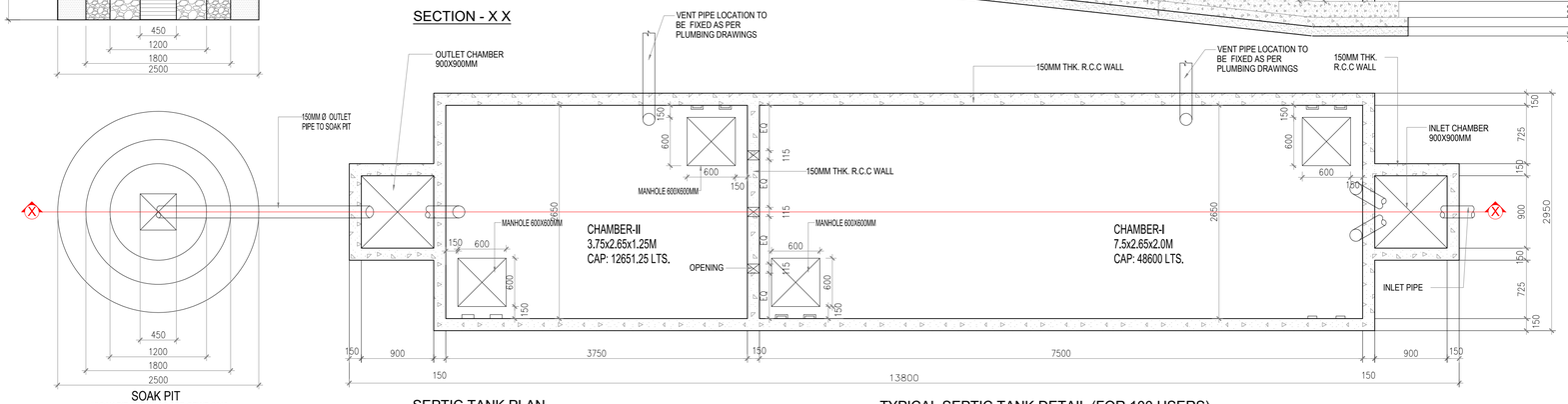
SEPTIC TANK PLAN

TYPICAL SEPTIC TANK DETAIL TYPICAL SEPTIC TANK DETAIL (FOR 200 USERS)

*SEPTIC TANK DETAIL AS PER CODE IS:2470 (PART 1) - 1985



SECTION - X X



SOAK PIT

*SOAK PIT DETAIL AS PER CPWD 2019 SPEC. VOL. 1 Pg. 437.

SEPTIC TANK PLAN

TYPICAL SEPTIC TANK DETAIL (FOR 100 USERS)

*SEPTIC TANK DETAIL AS PER CODE IS:2470 (PART 1) - 1985

FOR TENDER PURPOSE

NOTE-

1. TOP SLAB OF SEPTIC TANK SHOULD BE 150 / 300 MM ABOVE THE FORMATION LEVEL.
2. INLET LEVEL IS AS PER THE SLOPE OF THE INLET PIPE.

PROJECT TITLE :

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AT BORIGGUMA, DISTT. KORAPUT, ODISHA

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PROJECT MANAGEMENT CONSULTANT :

WAPCOS LIMITED
(A Government of India Undertaking)
Ministry of Jal Shakti
ISO 9001:2015

PMC ARCHITECTURAL CONSULTANT :

WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :

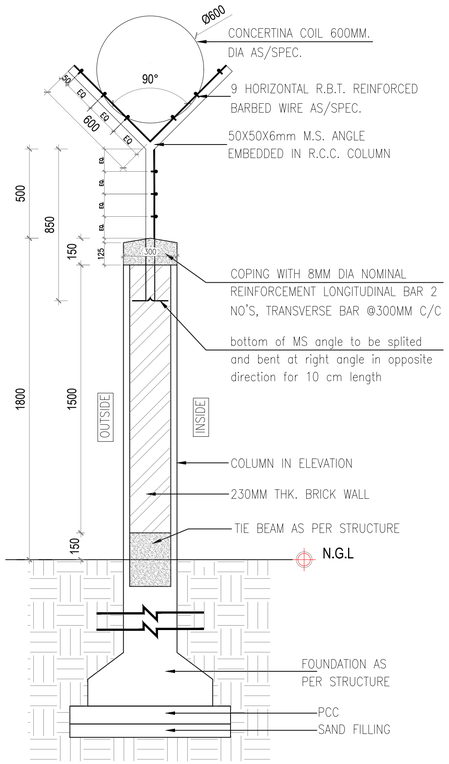
SEPTIC TANK

DRAWING NUMBER :

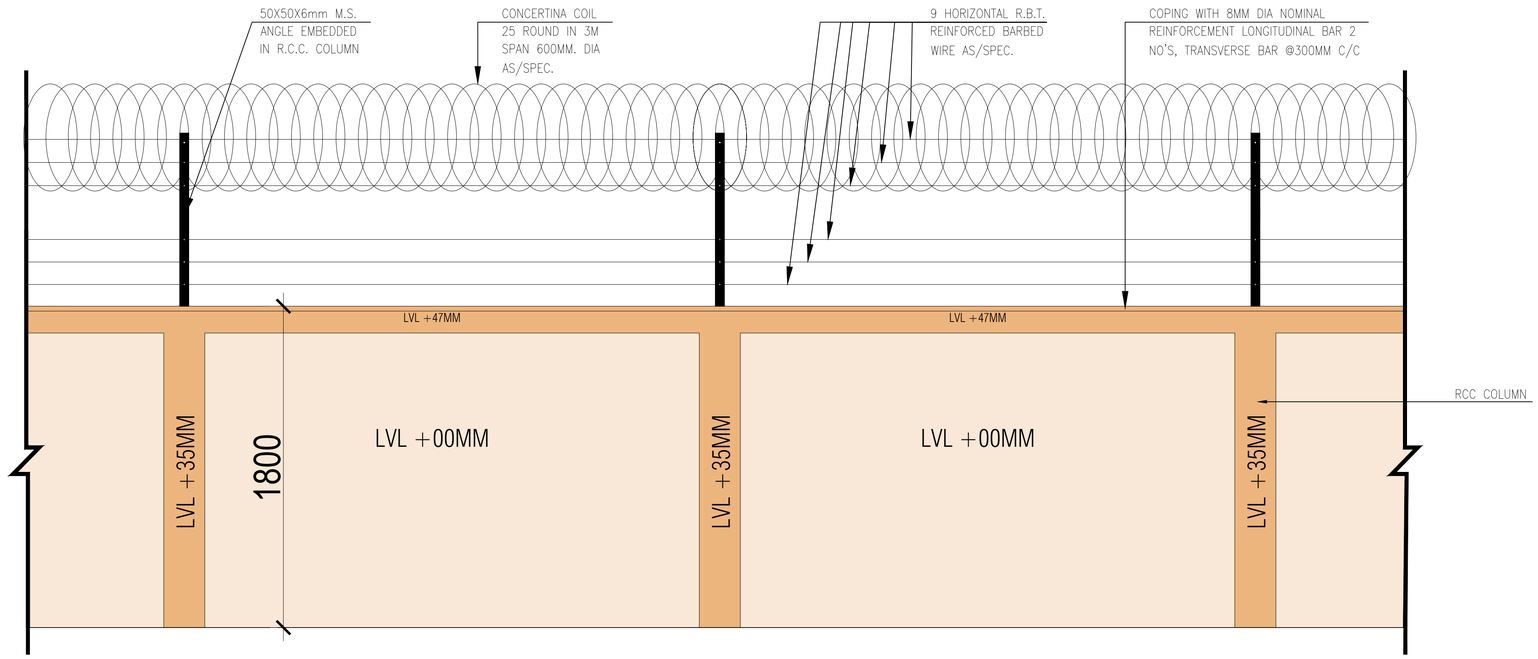
WAP/EMRS/ODISHA/BORIGGUMA/ST/AR-01

DATE : JUNE 2023

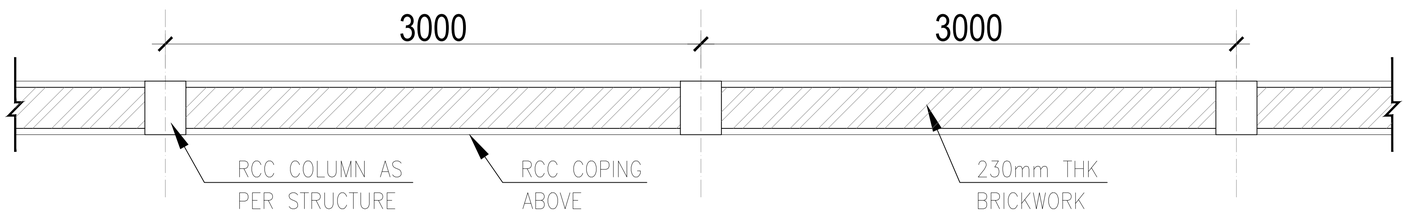
SCALE : **1:500** SHEET SIZE : **A3**



SECTION



ELEVATION



PLAN

NOTES–
25MM THK EXPANSION JOINT AT EVERY 15M INTERVAL

FOR TENDER PURPOSE

PROJECT TITLE :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

CLIENT :
National Education Society for Tribal Students (An Autonomous Organization Under the Ministry of Tribal Affairs) (Government of India)
राष्ट्रीय जनजाति छात्र शिक्षा समिति (जनजातीय मामले मंत्रालय के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

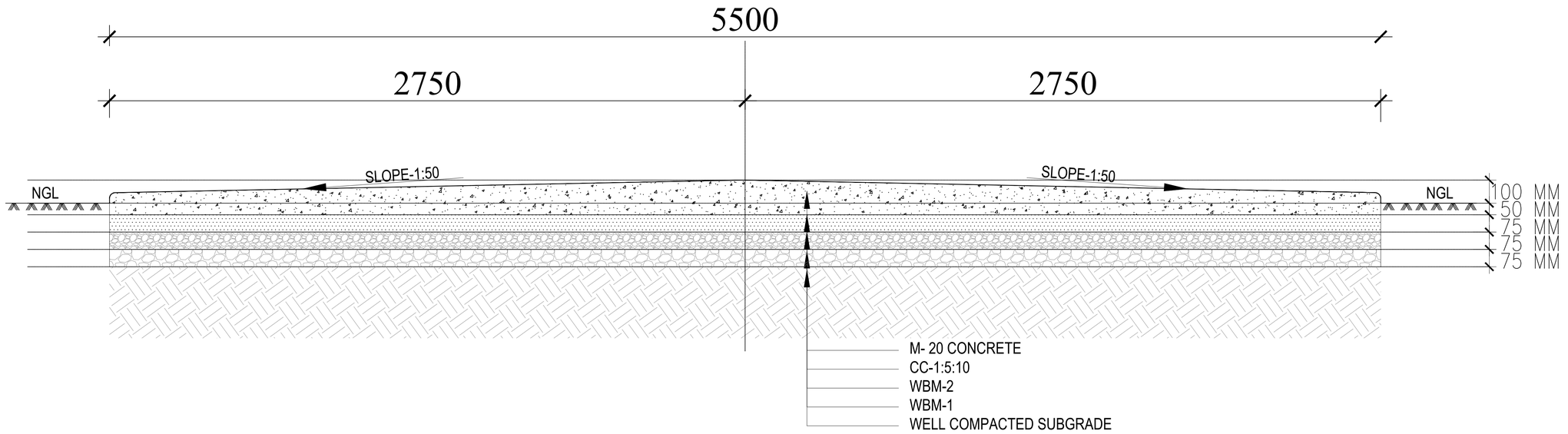
DRAWING TITLE :
BOUNDARY WALL
TYPICAL PLAN, ELEVATION, SECTION

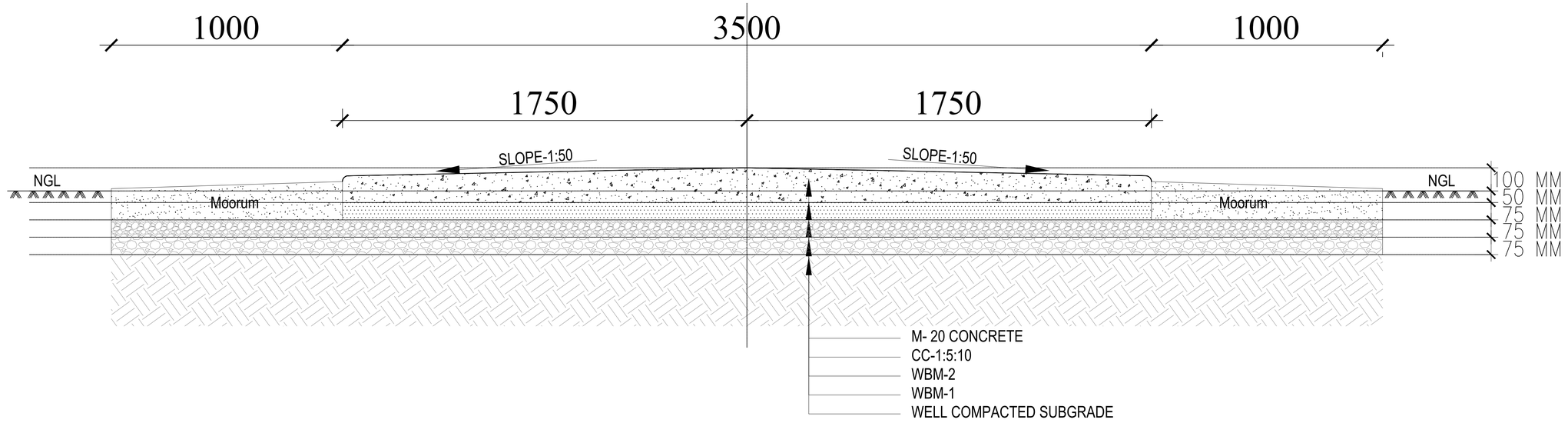
DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/BW/AR-01

DATE : JUNE 2023

SCALE : **1:500** SHEET SIZE : **A3**

TYPICAL ROAD SECTION





WBM-1= 63-45 MM AGG.+MOORUM

WBM-2= 53-22 MM AGG.+MOORUM

FOR TENDER PURPOSE

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(आदिवासि कार्य मंत्रालय (भारत सरकार) के अधीन स्वायत्त संगठन)

PROJECT MANAGEMENT CONSULTANT :
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ISO 9001:2015 Ministry of Jal Shakti

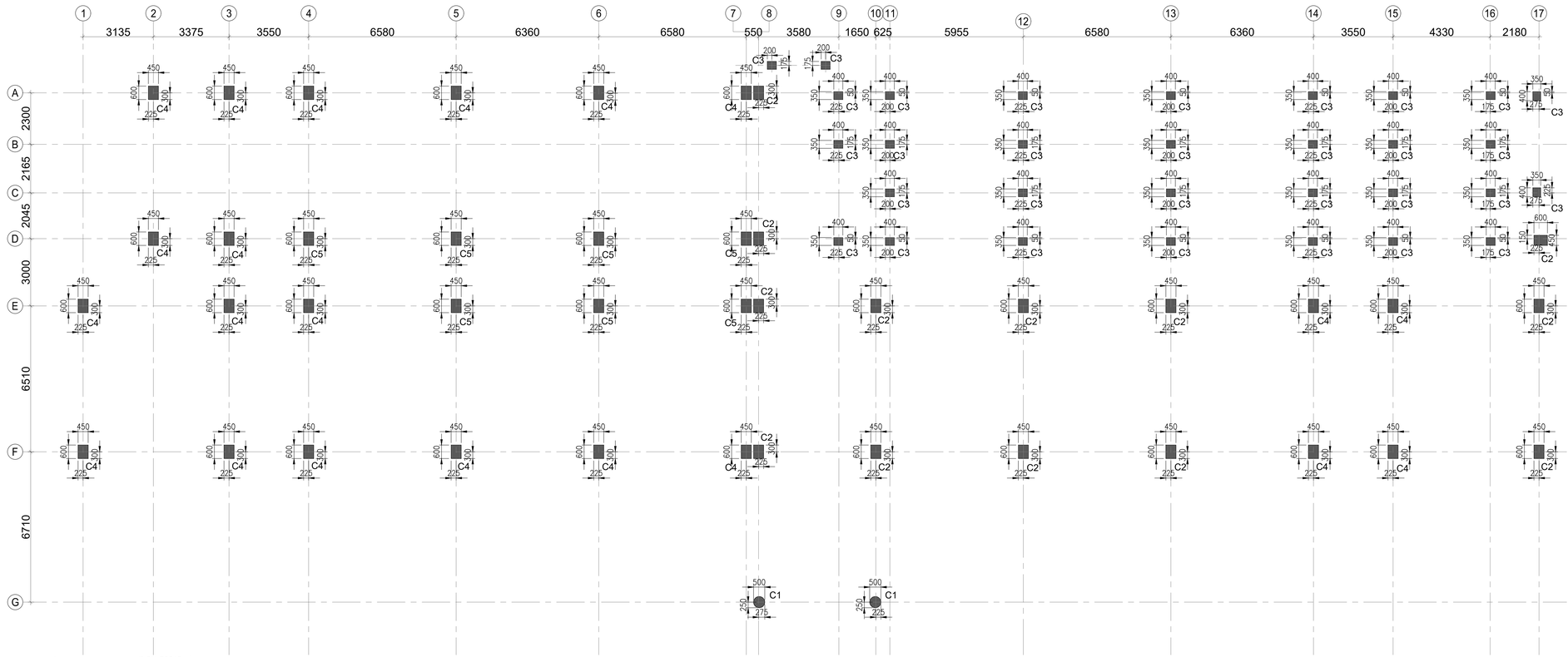
PMC ARCHITECTURAL CONSULTANT :
WAVES TECH INDIA
KREAJO SOLUTIONS PRIVATE LIMITED
GIAN P. MATHUR & ASSOCIATES PRIVATE LIMITED
(CONSORTIUM)

DRAWING TITLE :
TYPICAL ROAD SECTION
5.5 M & 3.5 M WIDE ROAD

DRAWING NUMBER :
WAP/EMRS/ODISHA/BORIGGUMA/RS/AR-01

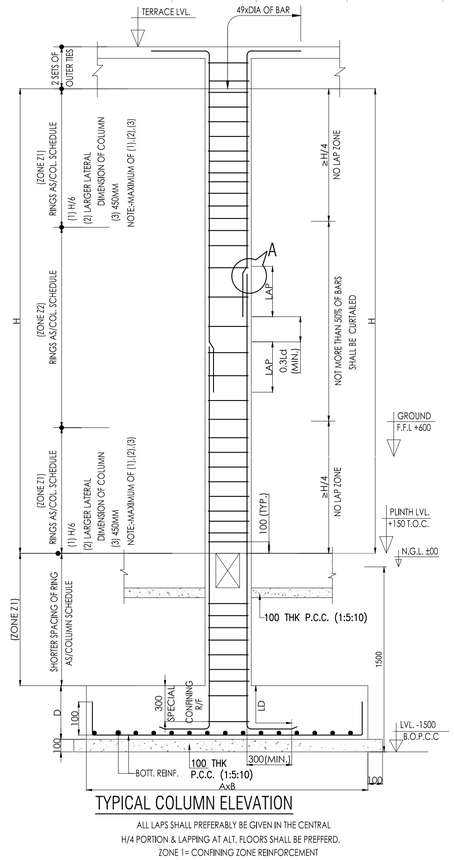
DATE : JUNE 2023

SCALE : 1:500 SHEET SIZE : A3



COLUMNS LAYOUT PLAN

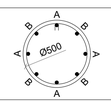
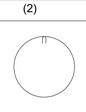
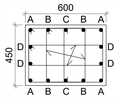
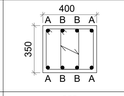
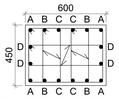
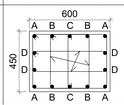
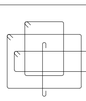
SCALE 1:25



TYPICAL COLUMN ELEVATION

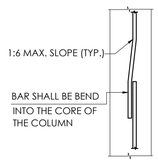
ALL LAPS SHALL PREFERABLY BE GIVEN IN THE CENTRAL H/4 PORTION & LAPPING AT ALT. FLOORS SHALL BE PREFFERD.
ZONE 1= CONFINING ZONE REINFORCEMENT
ZONE 2= NORMAL TIES REINFORCEMENT

COLUMN SCHEDULE:

LEVEL / MIX / COL. MARK	COLUMN SHAPE & SIZE	STIRRUPS SHAPE & TIE GROUP	FDN.LVL.TO TERMINATE LVL. / REINFORCEMENT
		(2)	M-25
C1 500 Ø			A= 4–16ϕ B= 4–16ϕ
C2 450X600			A= 4–20ϕ B= 4–20ϕ C= 2–16ϕ D= 4–16ϕ
C3 350X400			A= 4–16ϕ B= 4–16ϕ
C4 450X600			A= 4–20ϕ B= 4–20ϕ C= 4–20ϕ D= 4–20ϕ
C5 450X600			A= 4–20ϕ B= 4–20ϕ C= 2–20ϕ D= 4–16ϕ

' ——— ' DENOTES INNER TIES

Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)
8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c



DETAIL- A

NOTE:-
NET SAFE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION REPORT IS CONSIDERED 15 T/M^2 AT A DEPTH OF 1.5 M BELOW NATURAL GROUND LEVEL (NGL) OR CUTTING LEVEL WHICHEVER IS DEEPER.
CONTRACTOR TO RECONFIRM THE SAME BEFORE EXECUTING AT THE SITE.
IN CASE OF ANY DISCREPANCY FOUND,THE FOUNDATION IS TO BE REDESIGNED.
NGL LEVEL TO BE CONFIRMED BY THE SITE BEFORE EXECUTION.

NOTE:-
PROVIDE RING @100C/C IN THE LAPPING ZONE OF COLUMNS

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRAWING.
3. ANY DISCREPANCY IN THE ARCHITECTURAL AND STRUCTURAL DRAWING SHALL BE INTIMATED TO THIS OFFICE AND GOT RECONCILED BEFORE EXECUTION.
4. ALL R.C.C. WORK SHALL BE IN M–25 GRADE MIX. UNLESS OTHERWISE MENTIONED.USE M30 GRADEFOR WATER TANK WALL AND BASE SLAB
5. Fe–500D HIGH STRENGTH DEFORMED BARS OR TMT HAVING ELONGATION MIN. 18 % CONFIRMING TO IS1786–LATEST REVISION, IS13920–2016,IS456– SHALL BE USED IN ALL RCC WORK.
6. REINFORCEMENT SHALL HAVE CONCRETE COVER (EXCLUSIVE OF PLASTER OR OTHER DECORATIVE FINISH) AS FOLLOWS:–AND AS PER IS CODE PROVISION
   A) FOOTING =60MM
   B) COLUMN=40MM
   C) BEAM = LARGER OF 30mm OR MAIN BAR DIA
   D) SLAB = 20mm
7. BUILDING IS DESIGNED FOR GROUND+2. NO FUTURE EXPANSION IS CONSIDERED IN THE DESIGN.
8. BUILDING IS DESIGNED SEISMIC ZONE II AS PER IS–1893 (PART 1):2016
9. NET ALLOWABLE BEARING CAPACITY = 15.0 T/M^2 AT 1.5m BELOW N.G.L
10. ALL TYPICAL & STANDARD DETAIL REFER DWG. NO.– WAP/EMRS/TD/ST/01 & WAP/EMRS/TD/ST/02

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

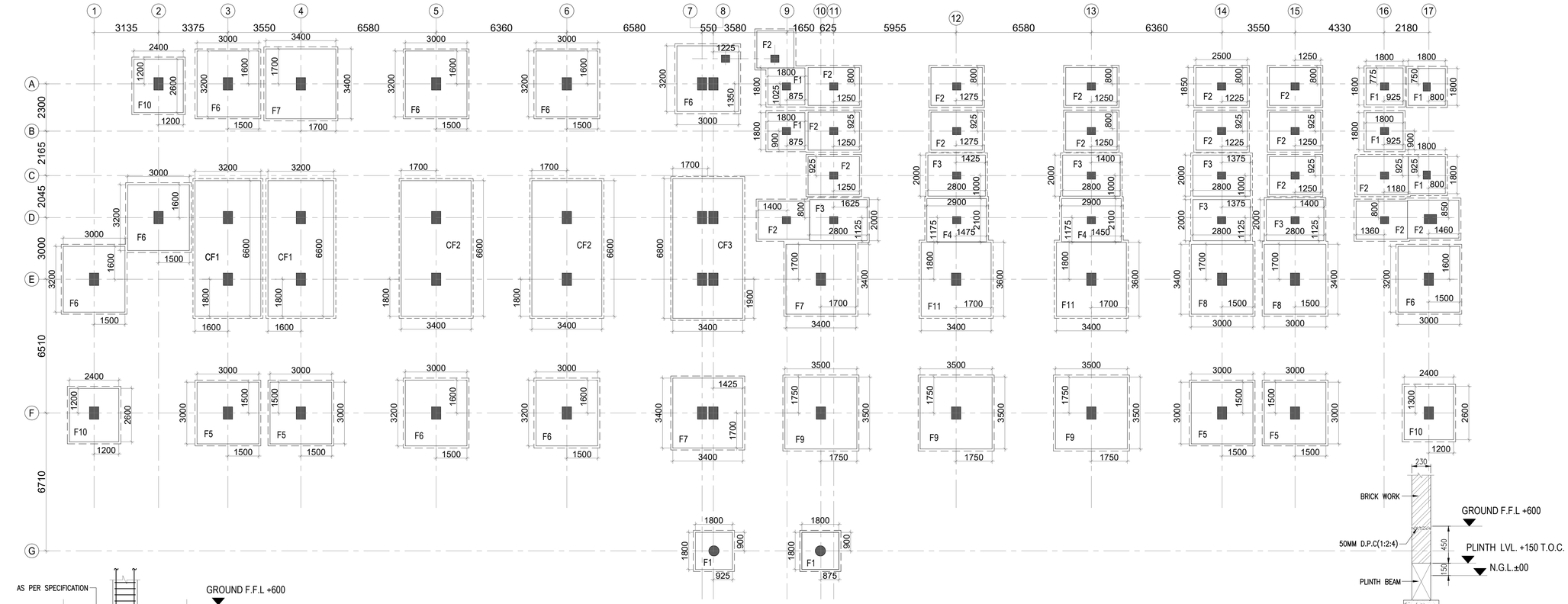
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
COLUMNS LAYOUT PLAN
SCHOOL

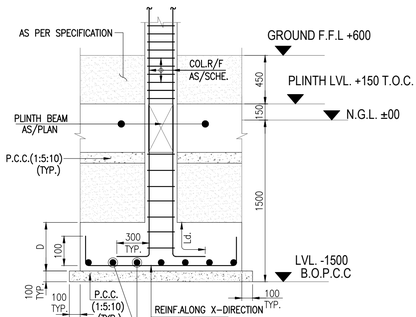
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DRAWING NO:- WAP/EMRS/BDKO/S/01

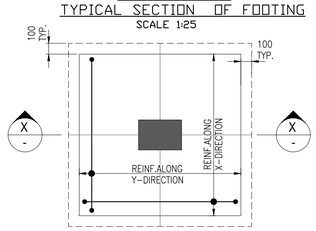
DATE :- 03-09-2023



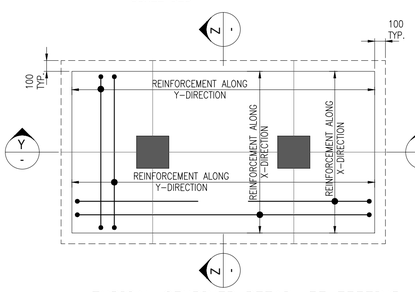
FOUNDATION LAYOUT PLAN



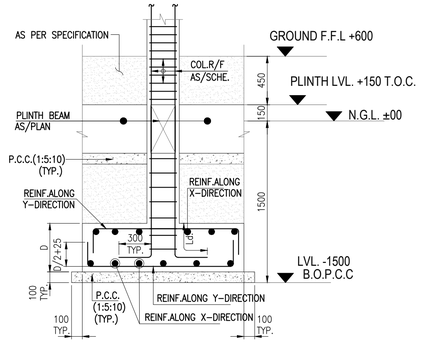
SECTION : X-X
TYPICAL SECTION OF FOOTING
SCALE 1:25



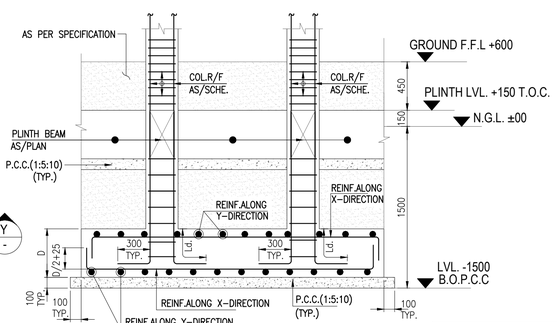
TYPICAL DETAIL OF FOOTING
SCALE 1:25



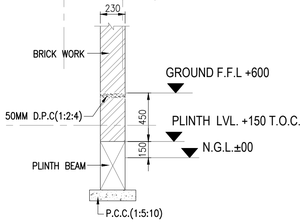
TYPICAL COMBINED DETAIL OF FOOTING
SCALE 1:25



SECTION : Z-Z
TYPICAL SECTION OF FOOTING
SCALE 1:25



SECTION : Y-Y
TYPICAL SECTION OF COMBINED FOOTING
SCALE 1:25



TYPICAL BRICK WALL SECTION DETAIL
SCALE 1:25

FOUNDATION SCHEDULE
SCALE 1:25

SL. NO.	FOOTING NO.	SIZE LxB	THICKNESS D	FOOTING SHAPE	BOTTOM REINFORCEMENT REINF.ALONG X-DIRECTION	BOTTOM REINFORCEMENT REINF.ALONG Y-DIRECTION	BOTTOM REINFORCEMENT (EXTRA LAYER) REINF.ALONG X-DIRECTION	BOTTOM REINFORCEMENT (EXTRA LAYER) REINF.ALONG Y-DIRECTION	TOP REINFORCEMENT REINF.ALONG X-DIRECTION	TOP REINFORCEMENT REINF.ALONG Y-DIRECTION	TOP REINFORCEMENT (EXTRA LAYER) REINF.ALONG X-DIRECTION	TOP REINFORCEMENT (EXTRA LAYER) REINF.ALONG Y-DIRECTION	BOTTOM OF FOOTING LVL.
1.	F1	1800X1800	400		12ϕ150c/c	12ϕ150c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
2.	F2	1850X2500	400		12ϕ175c/c	12ϕ175c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
3.	F3	2000X2800	400		12ϕ125c/c	12ϕ150c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
4.	F4	2100X2900	450		12ϕ100c/c	12ϕ175c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
5.	F5	3000X3000	450		12ϕ150c/c	12ϕ150c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
6.	F6	3000X3200	450		12ϕ125c/c	12ϕ125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
7.	F7	3400X3400	500		12ϕ125c/c	12ϕ125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
8.	F8	3000X3400	500		12ϕ125c/c	12ϕ125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
9.	F9	3500X3500	550		12ϕ120c/c	12ϕ120c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
10.	F10	2400X2600	400		12ϕ125c/c	12ϕ125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
11.	F11	3400X3600	550		12ϕ125c/c	12ϕ125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
12.	CF1	3200X6600	600		12ϕ120c/c	12ϕ120c/c	—	—	12ϕ175c/c	12ϕ175c/c	—	—	-1.5 mt. FROM N.G.L.
13.	CF2	3400X6600	600		12ϕ120c/c	12ϕ120c/c	—	—	12ϕ175c/c	12ϕ175c/c	—	—	-1.5 mt. FROM N.G.L.
14.	CF3	3400X6800	600		12ϕ100c/c	12ϕ100c/c	—	—	12ϕ175c/c	12ϕ175c/c	—	—	-1.5 mt. FROM N.G.L.

LEGENDS
- TOP REINFORCEMENT
- BOTTOM REINFORCEMENT

NOTE:-
PROVIDE RING @100C/C IN THE LAPPING ZONE OF COLUMNS

NOTE:-
NET SAFE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION REPORT IS CONSIDERED 15 T/M^2 AT A DEPTH OF 1.5 M BELOW NATURAL GROUND LEVEL (NGL) OR CUTTING LEVEL WHICHEVER IS DEEPER. CONTRACTOR TO RECONFIRM THE SAME BEFORE EXECUTING AT THE SITE. IN CASE OF ANY DISCREPANCY FOUND,THE FOUNDATION IS TO BE REDESIGNED. NGL LEVEL TO BE CONFIRMED BY THE SITE BEFORE EXECUTION.

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4. ALL R.C.C. WORK SHALL BE IN M-25 GRADE MIX. UNLESS OTHERWISE MENTIONED.USE M30 GRADEFOR WATER TANK WALL AND BASE SLAB
5. Fe-500D HIGH STRENGTH DEFORMED BARS OR TMT HAVING ELONGATION MIN. 18 % CONFIRMING TO IS1786-LATEST REVISION, IS13920-2016,IS456- SHALL BE USED IN ALL RCC WORK.
6. REINFORCEMENT SHALL HAVE CONCRETE COVER (EXCLUSIVE OF PLASTER OR OTHER DECORATIVE FINISH) AS FOLLOWS:-AND AS PER IS CODE PROVISION
   A) FOOTING =60MM
   B) COLUMN=40MM
   C) BEAM = LARGER OF 30mm OR MAIN BAR DIA
   D) SLAB = 20mm
7. BUILDING IS DESIGNED FOR GROUND+2. NO FUTURE EXPANSION IS CONSIDERED IN THE DESIGN.
8. BUILDING IS DESIGNED SEISMIC ZONE II AS PER IS-1893 (PART 1):2016
9. NET ALLOWABLE BEARING CAPACITY = 15.0 T/M^2 AT 1.5m BELOW N.G.L
10. ALL TYPICAL & STANDARD DETAIL REFER DWG. NO.- WAP/EMRS/TD/ST/01 & WAP/EMRS/TD/ST/02

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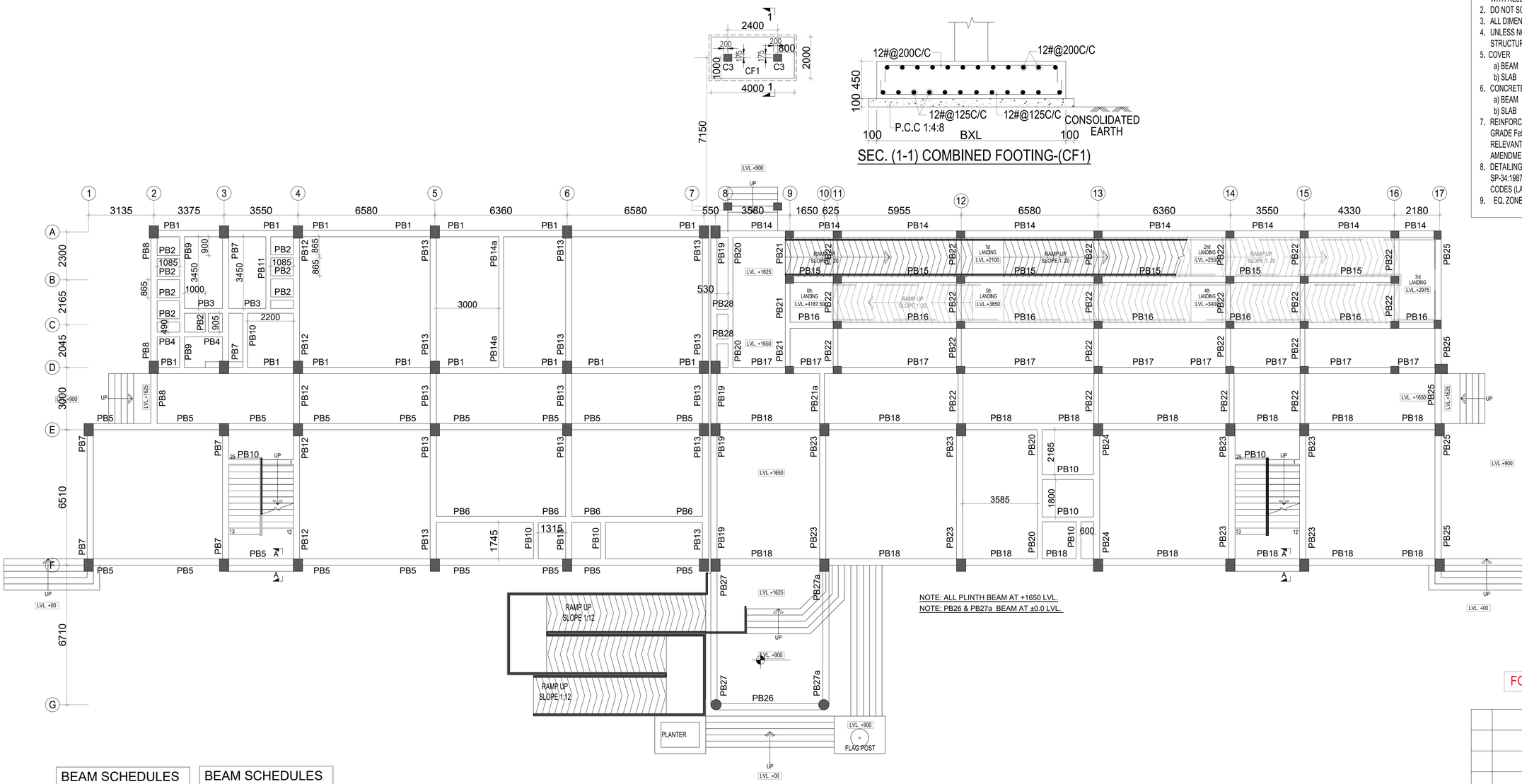
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
FOUNDATION PLAN & DETAILS SCHOOL

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

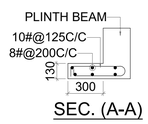
DRAWING NO:- WAP/EMRS/BDKO/S/02

DATE :- 03-09-2023



BEAM SCHEDULES	
BEAM NO.	SIZE
PB1	300 x450
PB2	150 x300
PB3	230 x450
PB4	230 x450
PB5	300 x450
PB6	300 x450
PB7	300 x450
PB8	300 x450
PB9	230 x450
PB10	230 x450
PB11	230 x450
PB12	300 x450
PB13	300 x450
PB14	300 x450
PB14a	300 x450
PB15	300 x450

BEAM SCHEDULES	
BEAM NO.	SIZE
PB16	300 x450
PB17	300 x450
PB18	300 x450
PB19	300 x450
PB20	230 x450
PB21	230 x450
PB21a	230 x450
PB22	230 x450
PB23	300 x450
PB24	300 x450
PB25	300 x450
PB26	300 x450
PB27	300 x450
PB27a	300 x450
PB28	230 x300



SEC. (A-A)

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

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GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
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ISO 9001:2015 Ministry of Jal Shakti

PROJECT :

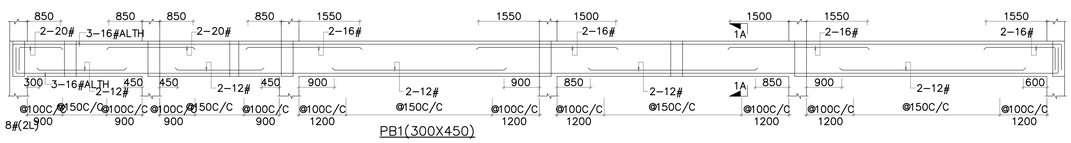
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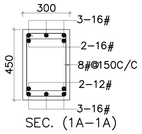
PLINTH BEAM FRAMING PLAN
SCHOOL BUILDING

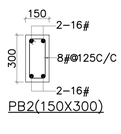
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NTS	A	Sachin	Sachin

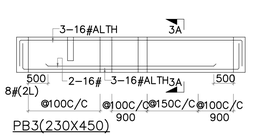
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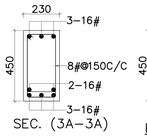
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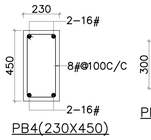


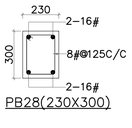


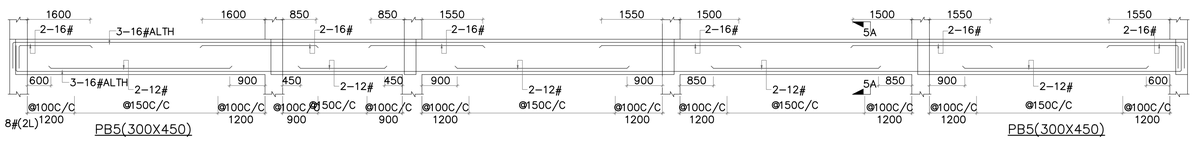


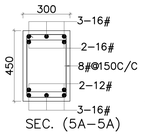


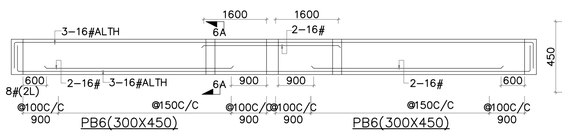


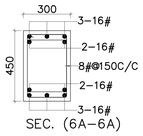


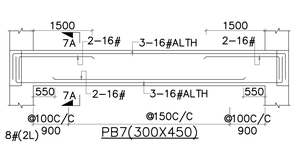


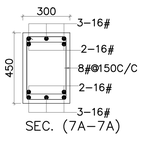


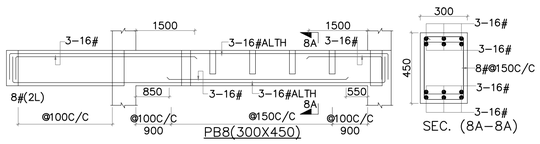


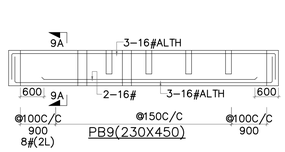


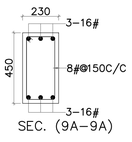


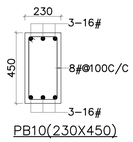


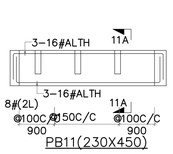


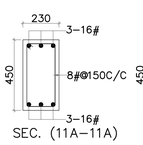


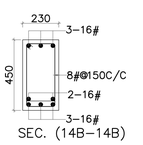


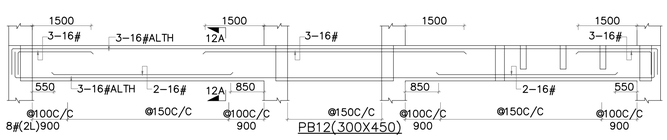


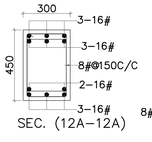


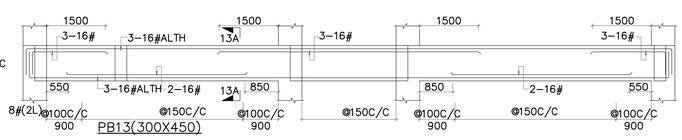


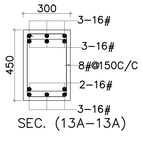


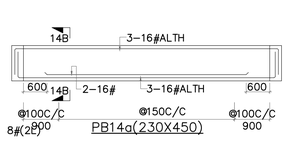


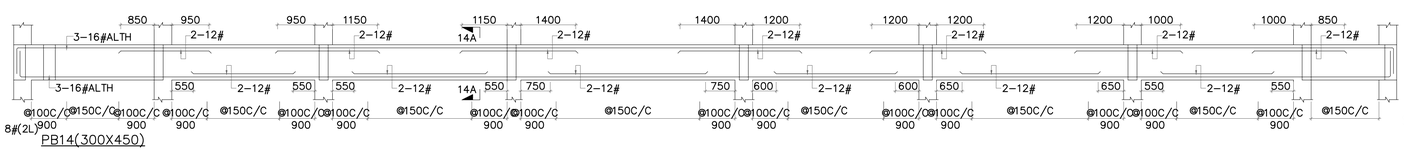


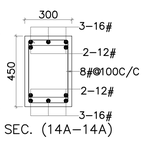


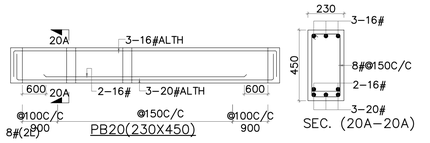


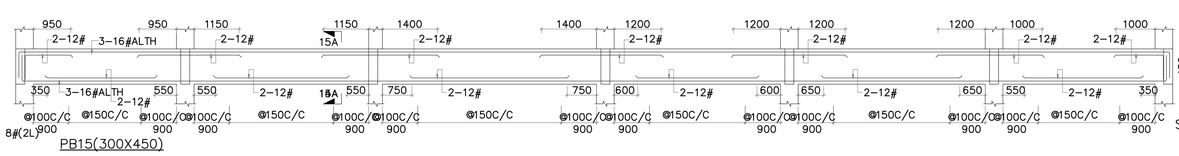


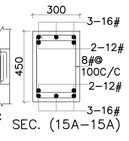


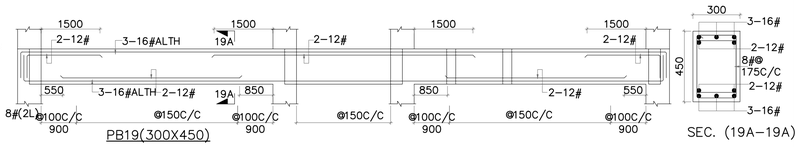


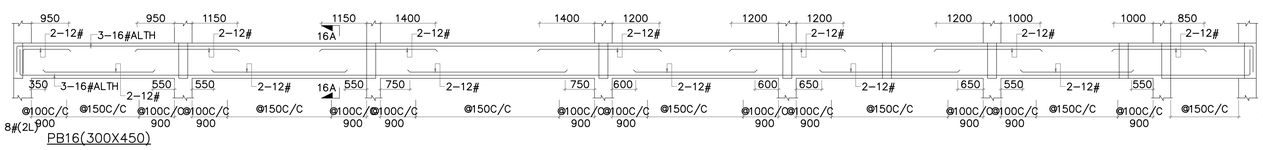


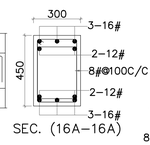


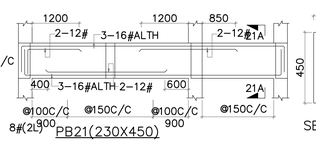


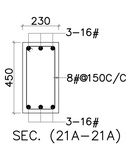


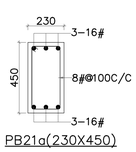


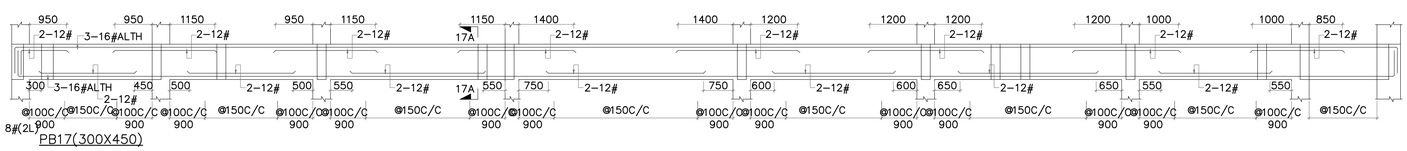


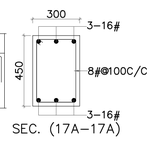


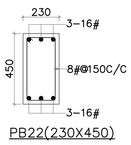


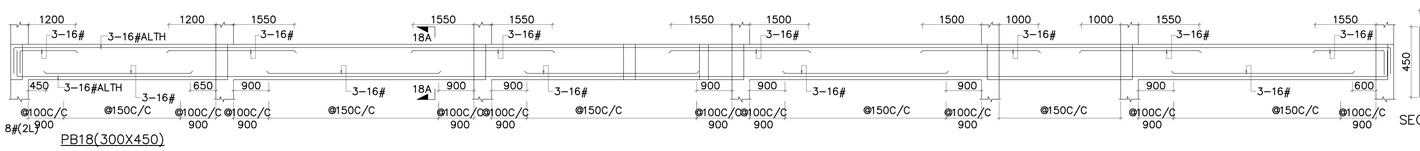


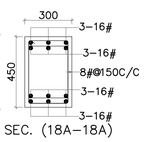


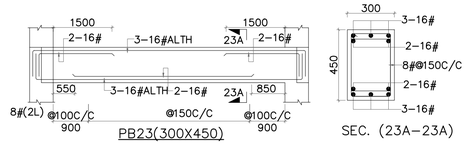


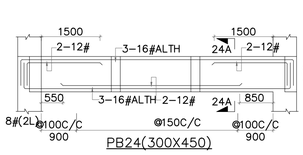


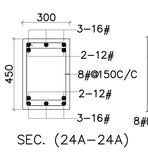


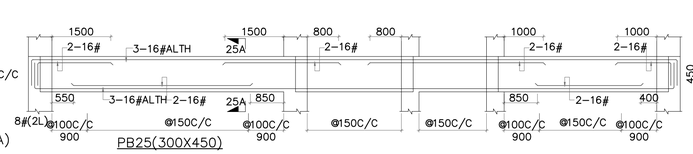


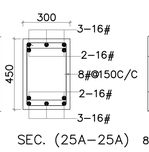


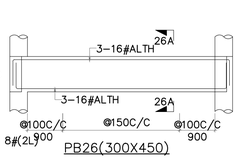


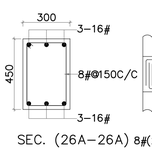


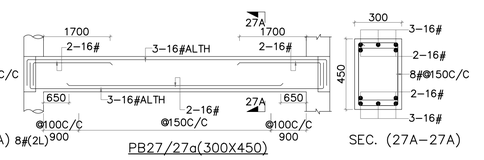












GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

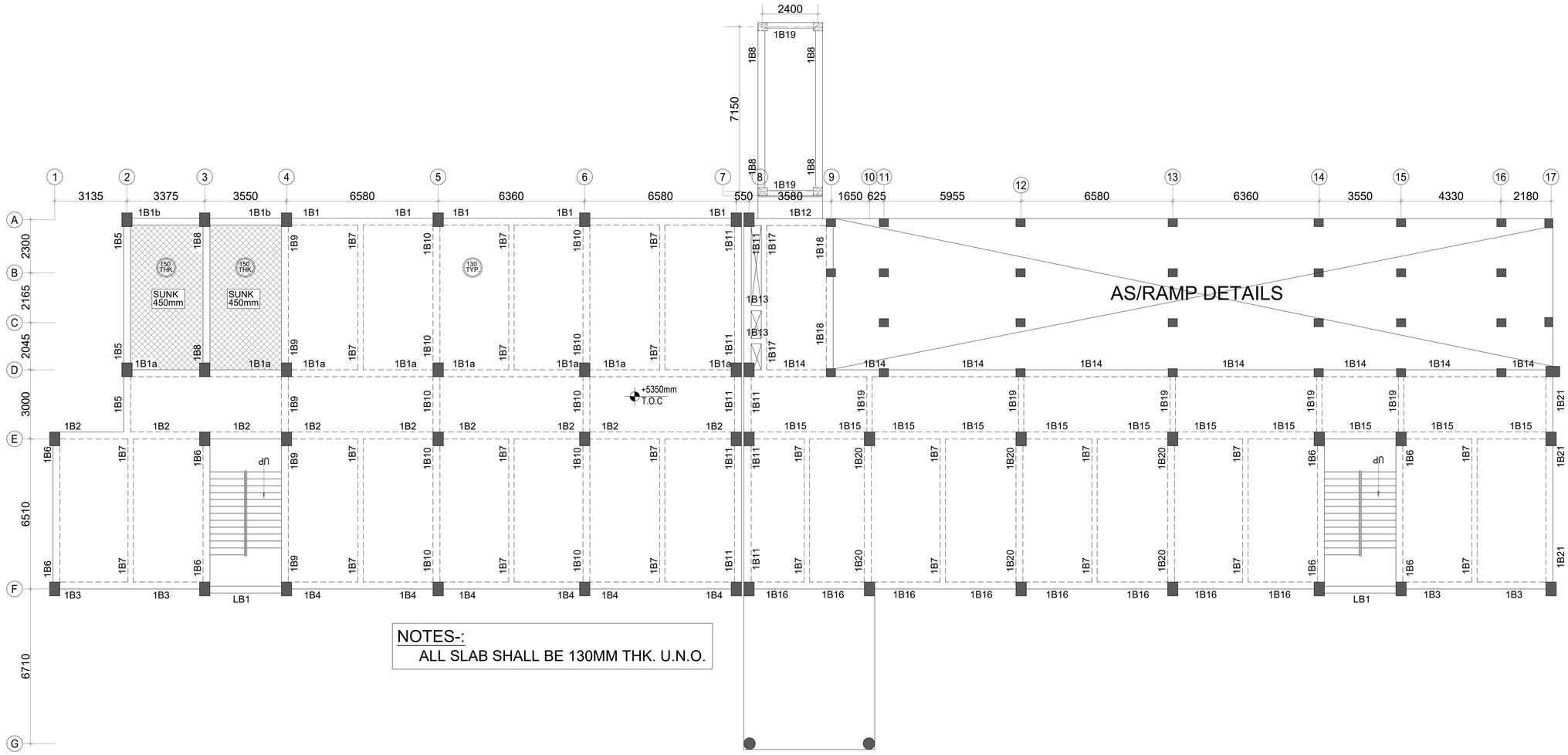
DRAWING TITLE:-

PLINTH BEAM DETAILS
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/04

DATE :- 03-09-2023



NOTES-:
ALL SLAB SHALL BE 130MM THK. U.N.O.

FIRST FLOOR FRAMING PLAN

BEAM SCHEDULES	
BEAM NO.	SIZE
1B1	300 x600
1B1a	300 x600
1B1b	300 x600
1B2	300 x600
1B3	300 x600
1B4	300 x600
1B5	300 x600
1B6	300 x600
1B7	230 x450
1B8	300 x600
1B9	300 x600
1B10	300 x600

BEAM SCHEDULES	
BEAM NO.	SIZE
1B11	300 x600
1B12	300 x600
1B13	230 x300
1B14	300 x600
1B15	300 x600
1B16	300 x600
1B17	230 x450
1B18	300 x450
1B19	230 x450
1B20	300 x600
1B21	300 x600

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   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

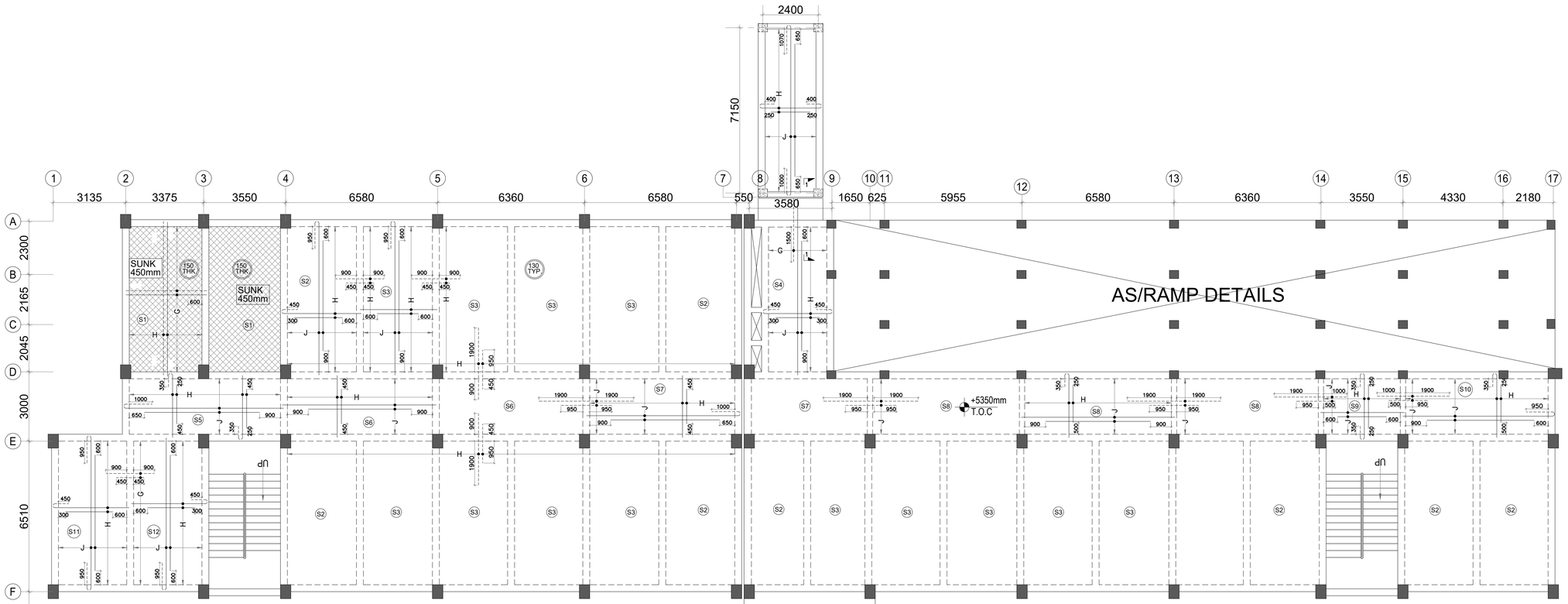
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
FIRST FLOOR FRAMING PLAN
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/05

DATE :- 03-09-2023



NOTES-:

ALL SLAB SHALL BE 130MM THK. U.N.O.

FIRST FLOOR REINFORCEMENT PLAN

IMP. NOTE:-

1. DISTRIBUTION BAR SHALL BE 8#@200C/C WHERE EVER REQUIRED/NOT SHOWN.

-DENOTE SLAB THICKNESS

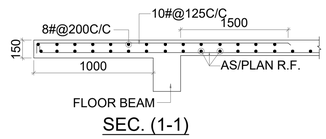
-DENOTE SLAB NO.

-DENOTE TOP R/F

-DENOTE BOTTOM R/F

SCHEDULE OF REINFORCEMENT LEGEND

A	8#@100C/C
B	8#@125C/C
C	8#@150C/C
D	8#@175C/C
E	8#@200C/C
F	10#@100C/C
G	10#@125C/C
H	10#@150C/C
J	10#@175C/C
K	10#@200C/C
L	12#@100C/C
M	12#@125C/C
N	12#@150C/C
P	12#@175C/C
Q	12#@200C/C



SEC. (1-1)

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

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ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

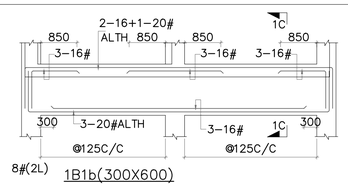
DRAWING TITLE:-

FIRST FLOOR REINFORCEMENT PLAN
SCHOOL BUILDING

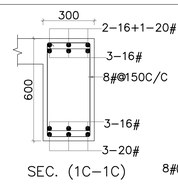
SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/06

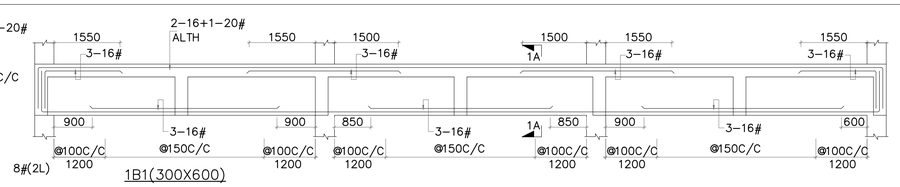
DATE :- 03-09-2023



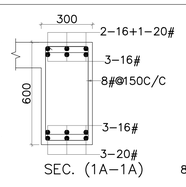
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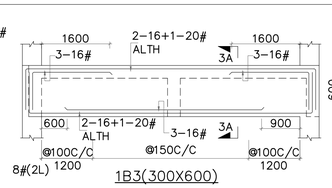
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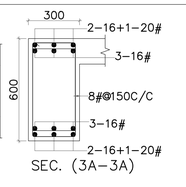
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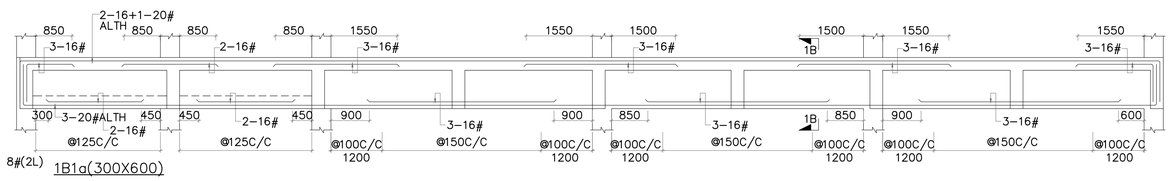
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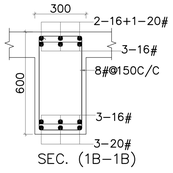
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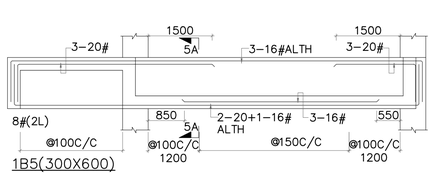
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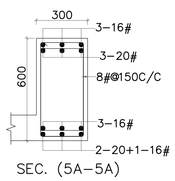
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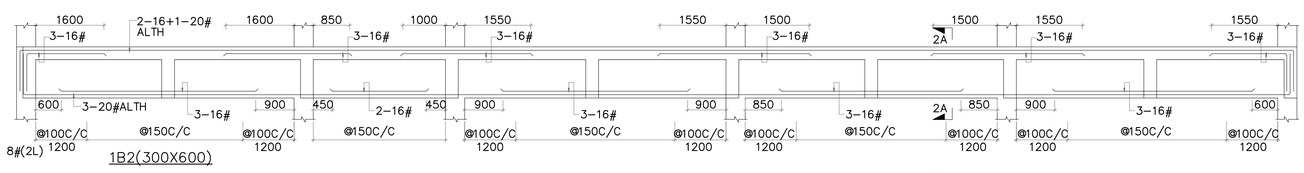
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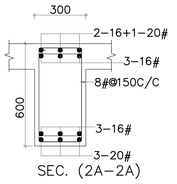
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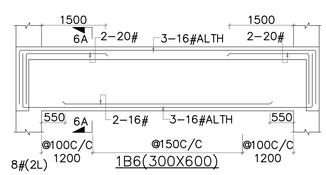
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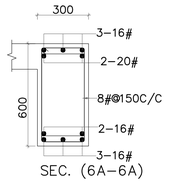
1B2(300X600)



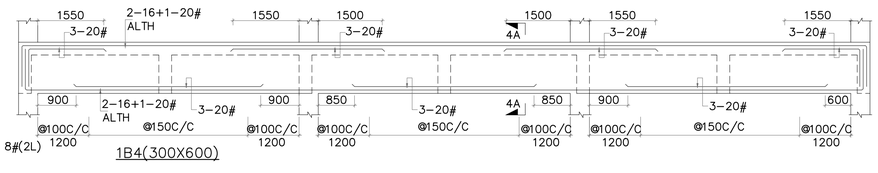
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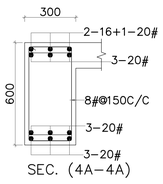
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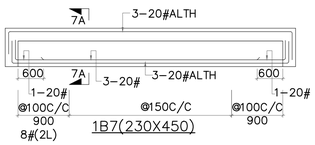
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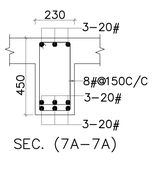
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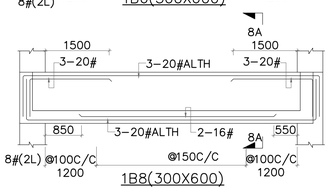
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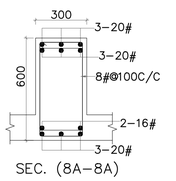
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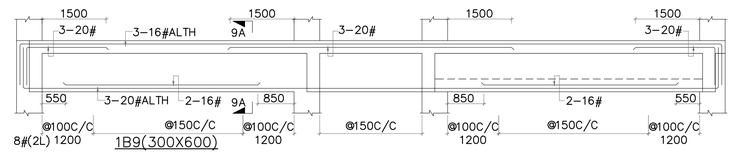
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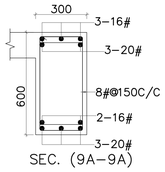
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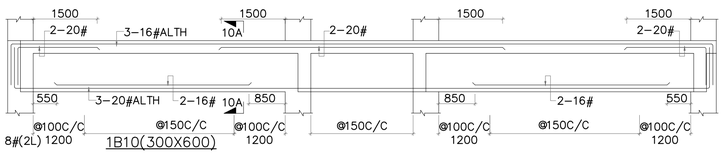
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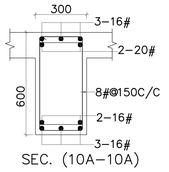
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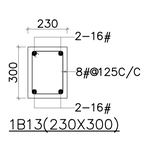
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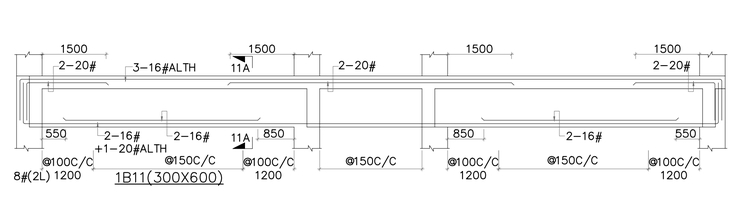
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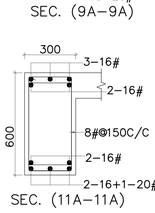
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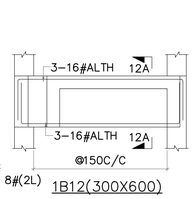
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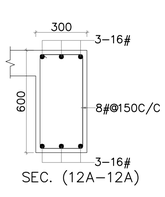
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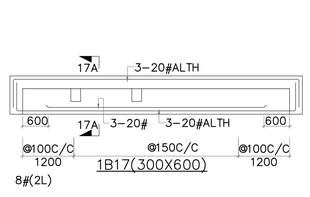
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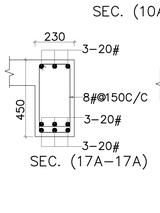
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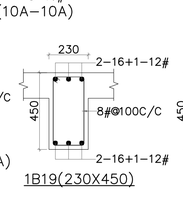
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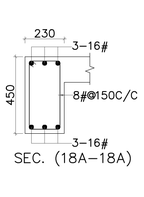
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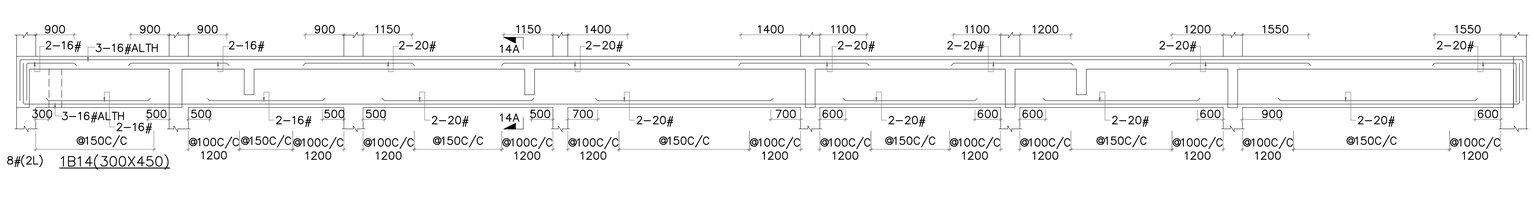
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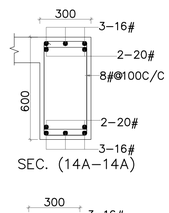
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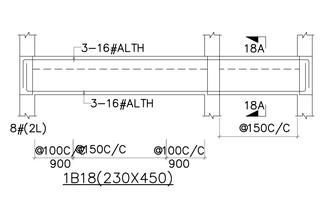
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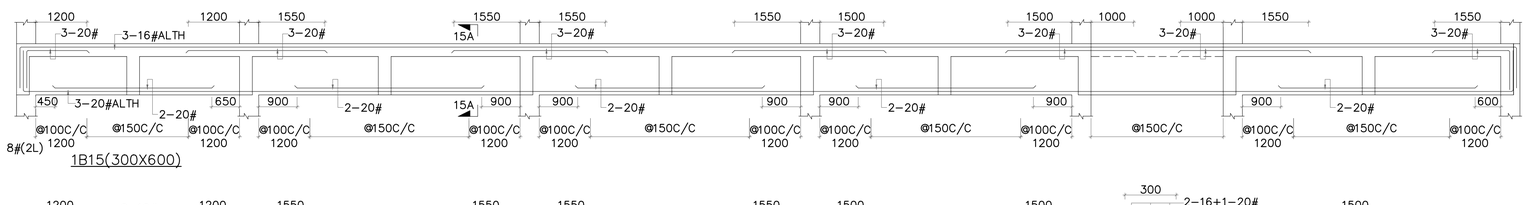
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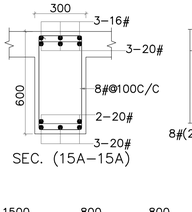
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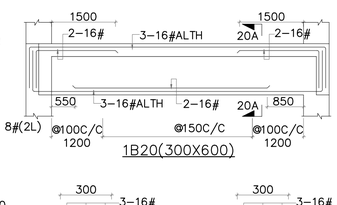
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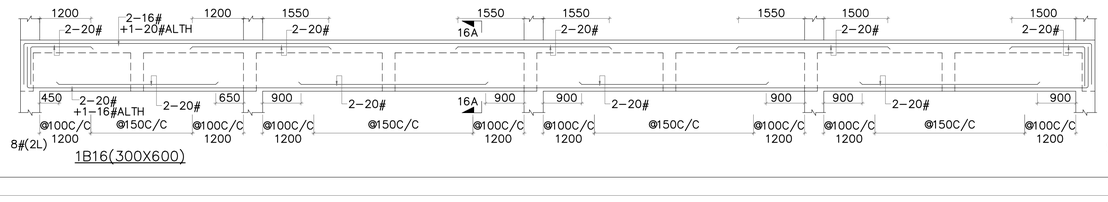
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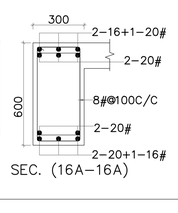
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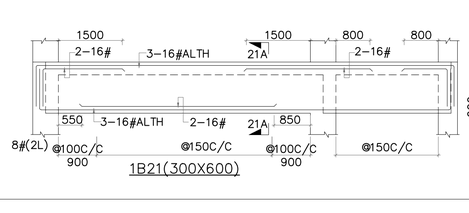
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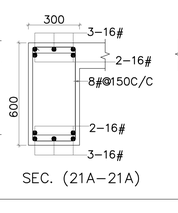
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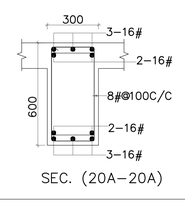
SEC. (16A-16A)



1B21(300X600)



SEC. (21A-21A)



SEC. (20A-20A)

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
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9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

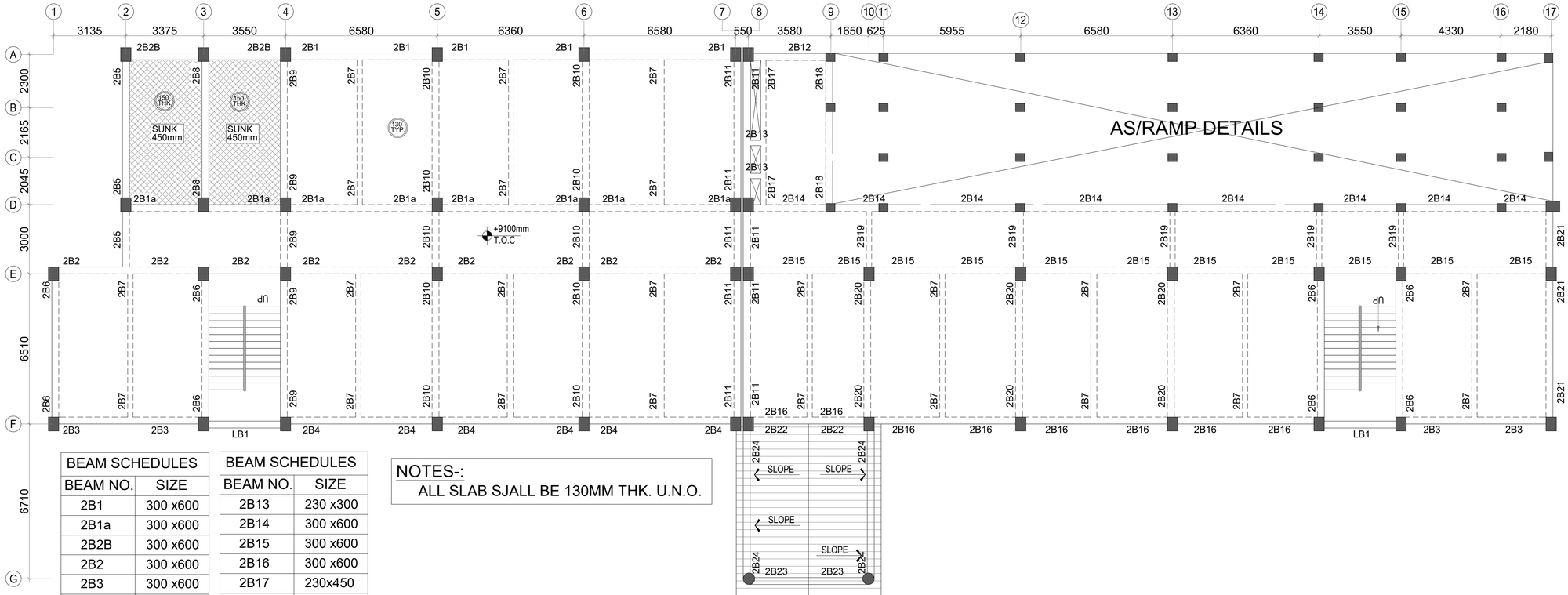
DRAWING TITLE:-

FIRST FLOOR BEAM DETAILS
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/07

DATE :- 03-09-2023



SECOND FLOOR FRAMING PLAN

BEAM SCHEDULES	
BEAM NO.	SIZE
2B1	300 x600
2B1a	300 x600
2B2B	300 x600
2B2	300 x600
2B3	300 x600
2B4	300 x600
2B5	300 x600
2B6	300 x600
2B7	230x450
2B8	300 x600
2B9	300 x600
2B10	300 x600
2B11	300 x600
2B12	300 x600

BEAM SCHEDULES	
BEAM NO.	SIZE
2B13	230 x300
2B14	300 x600
2B15	300 x600
2B16	300 x600
2B17	230x450
2B18	300 x600
2B19	230 x450
2B20	300 x600
2B21	300 x600
2B22	300 x600
2B23	300 x600
2B24	300 x600

NOTES-:
ALL SLAB SJALL BE 130MM THK. U.N.O.

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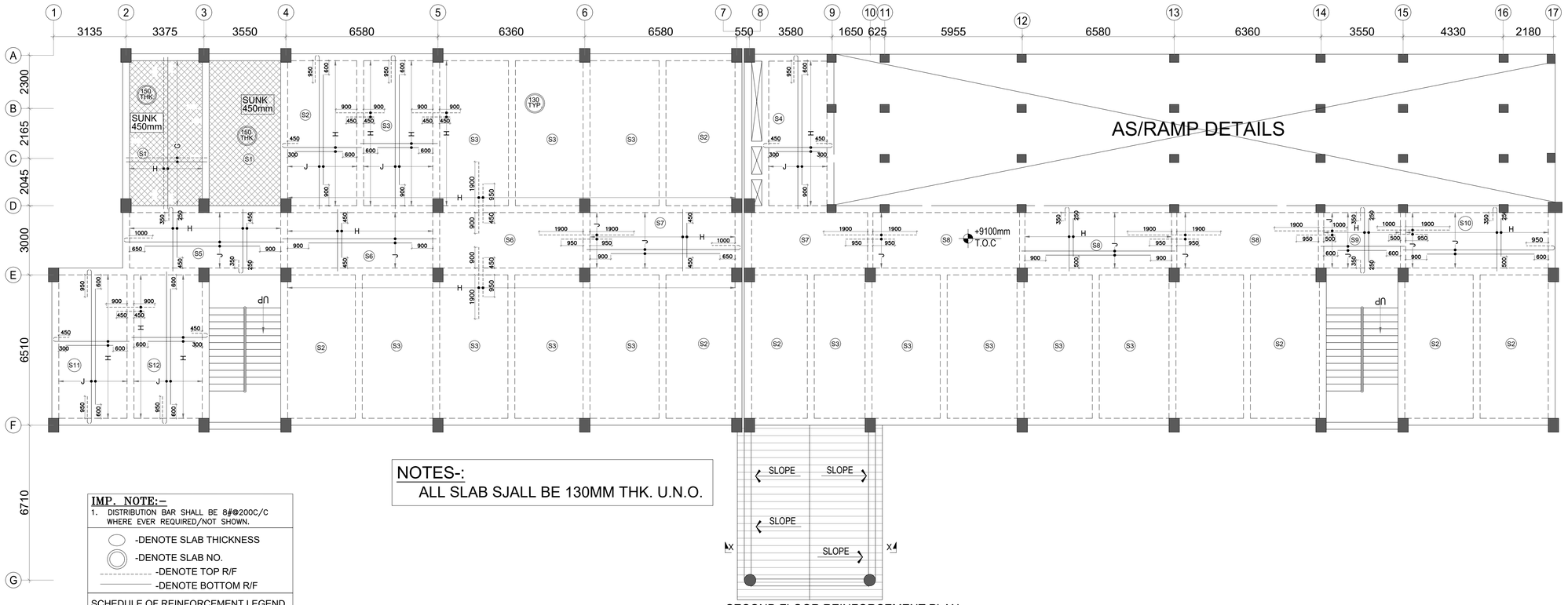
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
SECOND FLOOR FRAMING PLAN
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/08

DATE :- 03-09-2023



NOTES-:
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SECOND FLOOR REINFORCEMENT PLAN

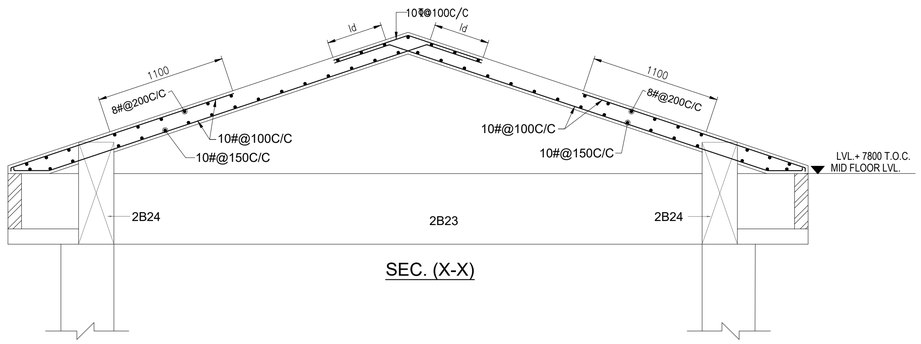
IMP. NOTE:–

1. DISTRIBUTION BAR SHALL BE 8#@200C/C WHERE EVER REQUIRED/NOT SHOWN.

-DENOTE SLAB THICKNESS
-DENOTE SLAB NO.
-DENOTE TOP R/F
-DENOTE BOTTOM R/F

SCHEDULE OF REINFORCEMENT LEGEND

A	8#@100C/C
B	8#@125C/C
C	8#@150C/C
D	8#@175C/C
E	8#@200C/C
F	10#@100C/C
G	10#@125C/C
H	10#@150C/C
J	10#@175C/C
K	10#@200C/C
L	12#@100C/C
M	12#@125C/C
N	12#@150C/C
P	12#@175C/C
Q	12#@200C/C



SEC. (X-X)

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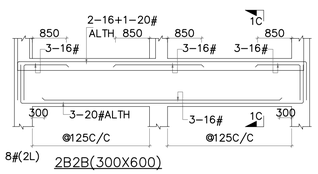
PROJECT :
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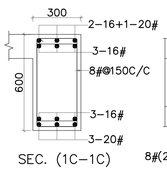
DRAWING TITLE:-
SECOND FLOOR REINFORCEMENT PLAN
SCHOOL BUILDING

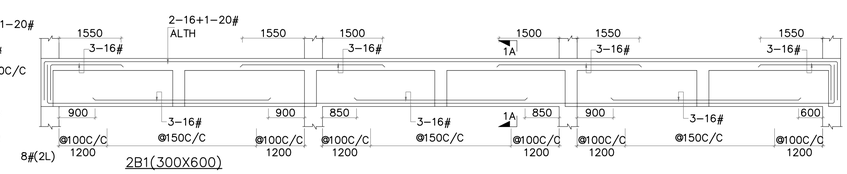
SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

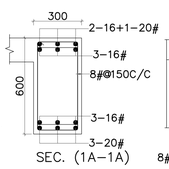
DRAWING NO:- WAP/EMRS/BDKO/S/09

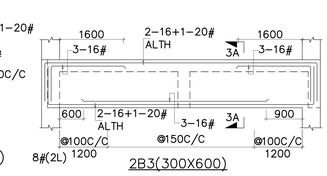
DATE :- 03-09-2023

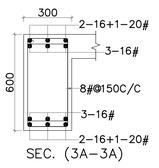


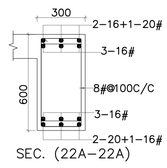


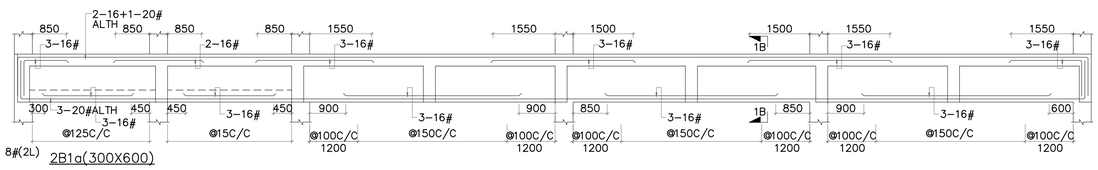


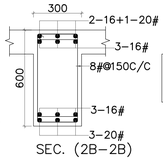


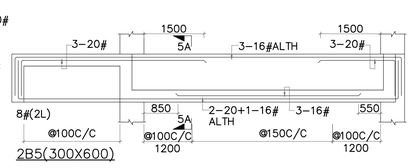


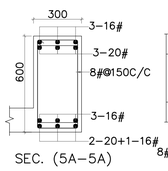


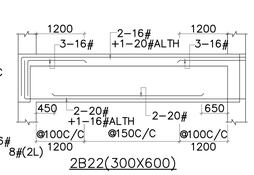


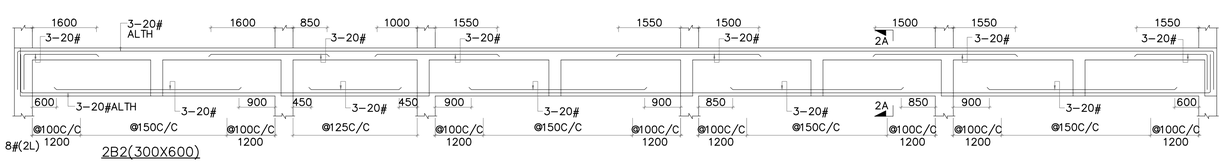


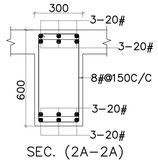




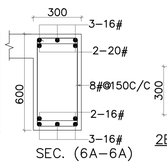


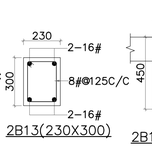


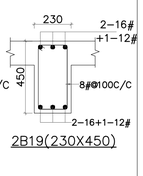


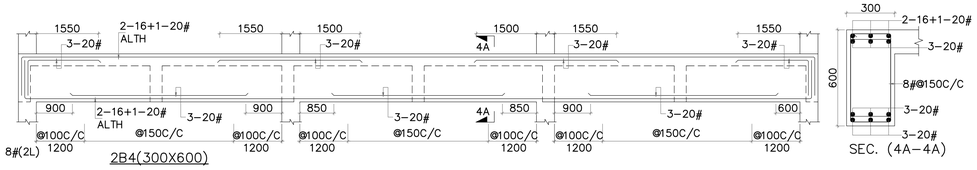


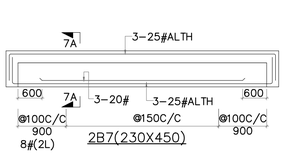


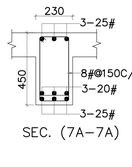


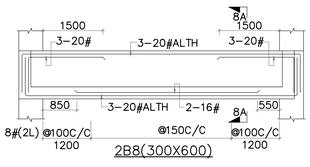


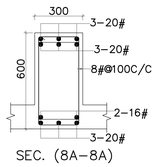


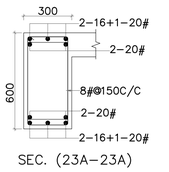


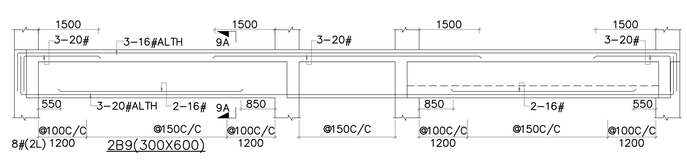


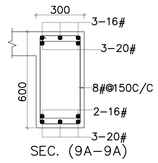


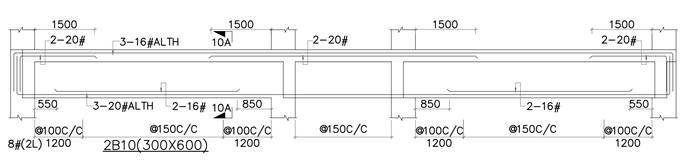


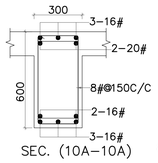


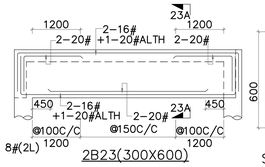


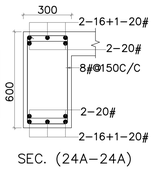


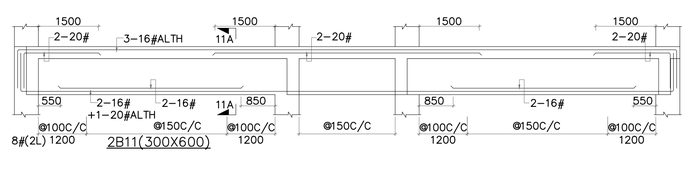


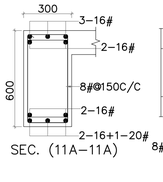


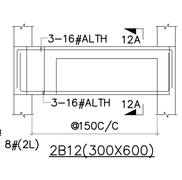


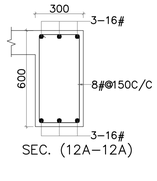


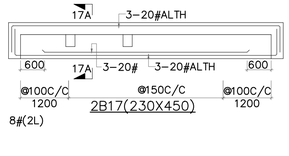


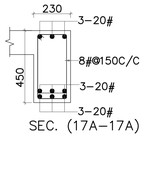


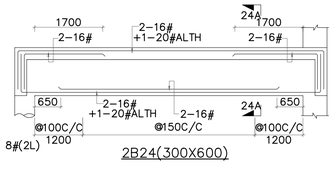


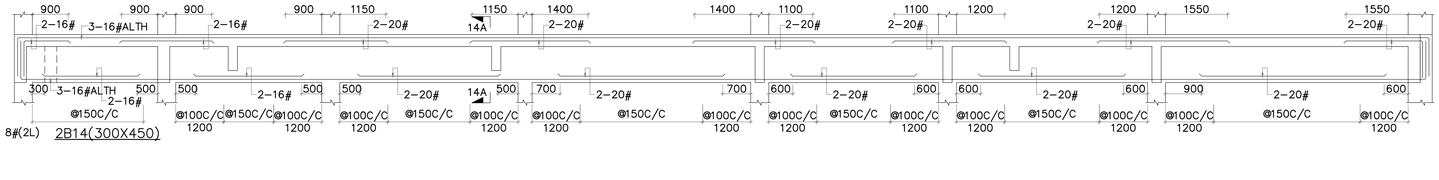


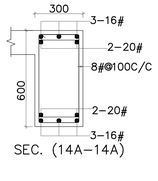


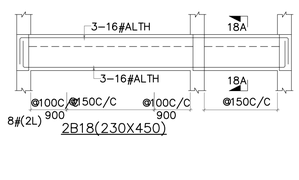


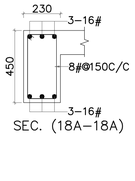


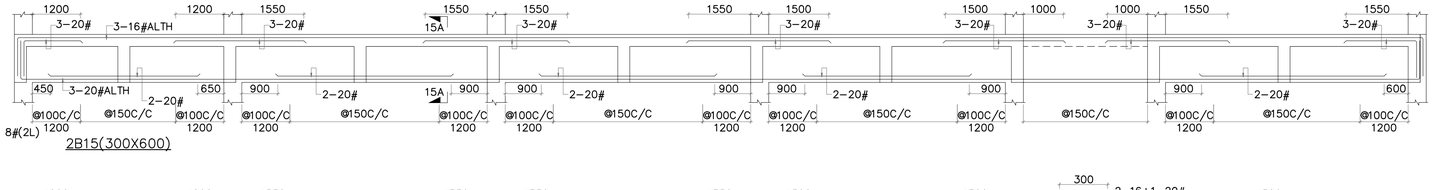


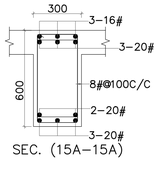


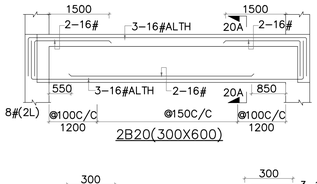


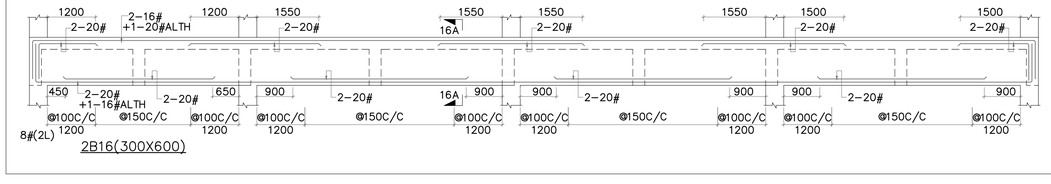


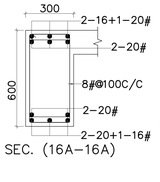


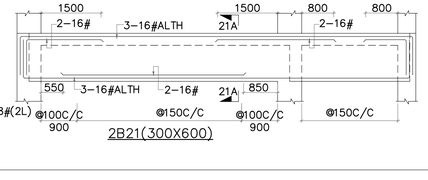


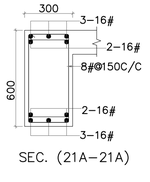


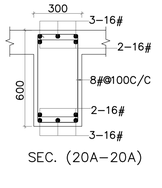












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7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

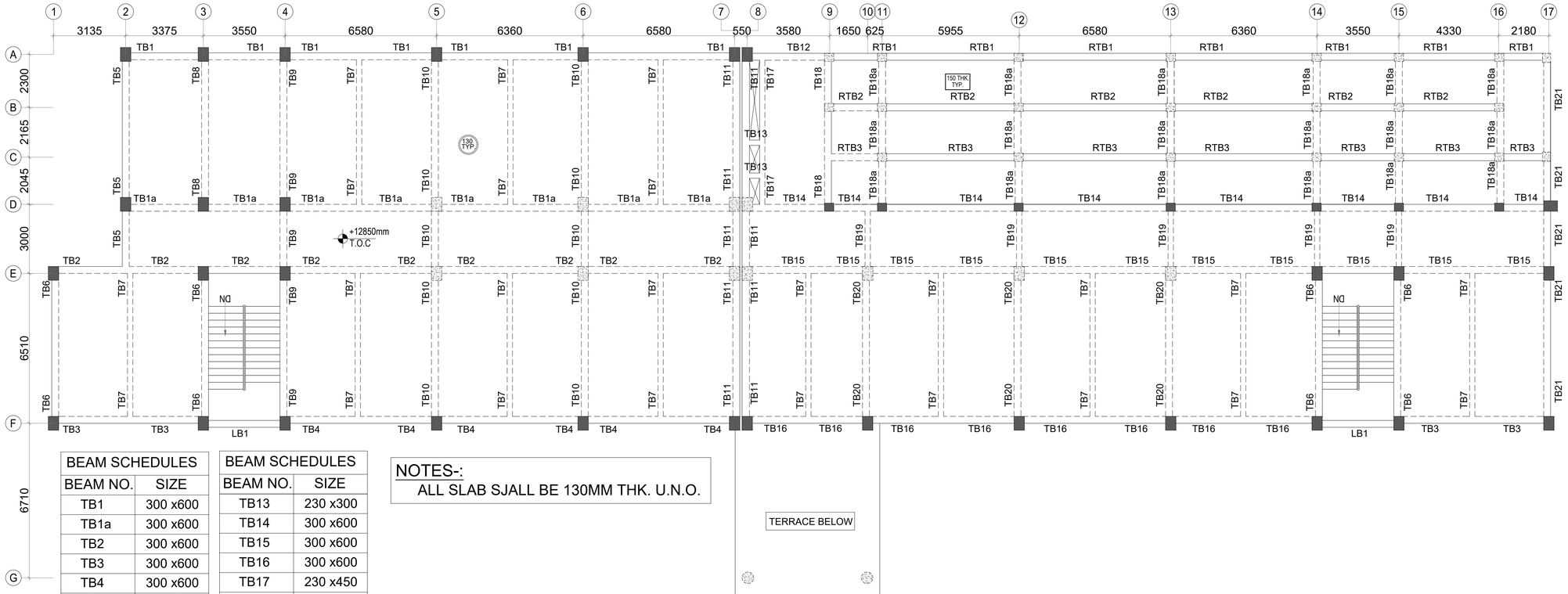
DRAWING TITLE:-

SECOND FLOOR BEAM DETAILS
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/10

DATE :- 03-09-2023



TERRACE FLOOR FRAMING PLAN

BEAM SCHEDULES	
BEAM NO.	SIZE
TB1	300 x600
TB1a	300 x600
TB2	300 x600
TB3	300 x600
TB4	300 x600
TB5	300 x600
TB6	300 x600
TB7	230 x450
TB8	300 x600
TB9	300 x600
TB10	300 x600
TB11	300 x600
TB12	300 x600

BEAM SCHEDULES	
BEAM NO.	SIZE
TB13	230 x300
TB14	300 x600
TB15	300 x600
TB16	300 x600
TB17	230 x450
TB18	300 x600
TB19	230 x450
TB20	300 x600
TB21	300 x600
RTB1	300 x500
RTB2	300 x500
RTB3	300 x500

NOTES-:
ALL SLAB SJALL BE 130MM THK. U.N.O.

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9. EQ. ZONE - II

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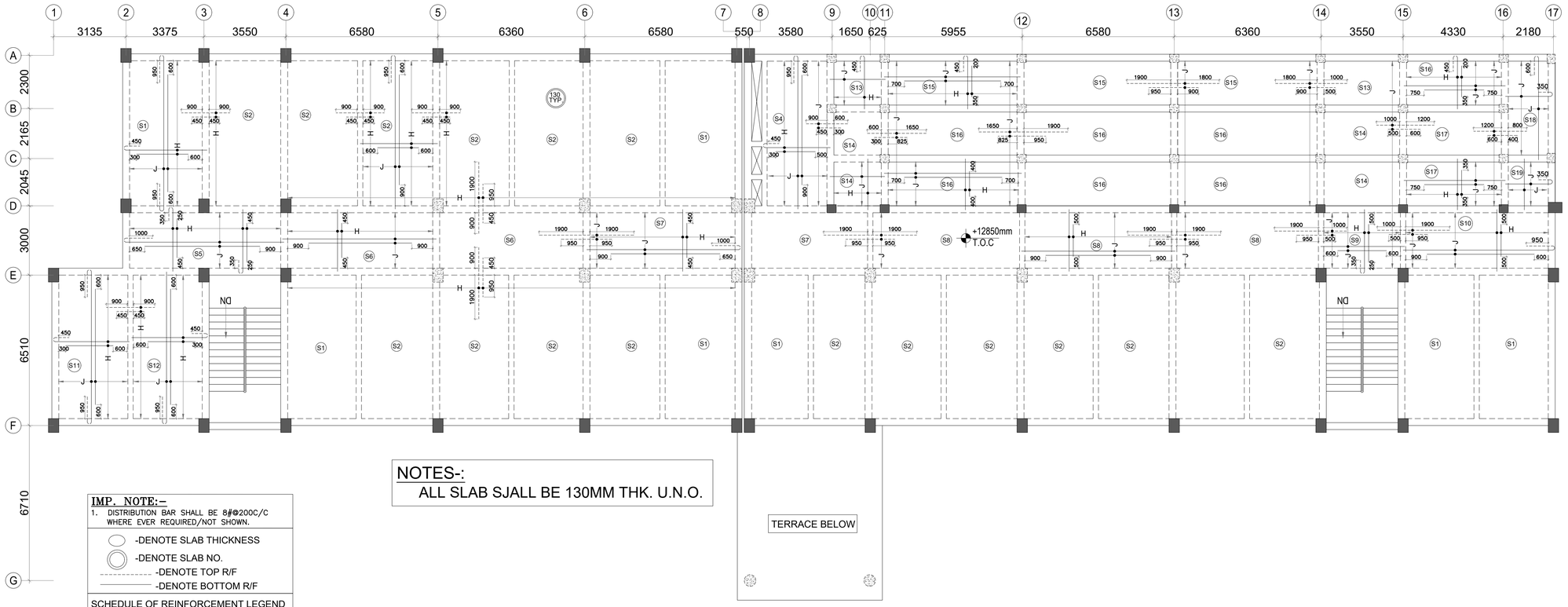
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
TERRACE FLOOR FRAMING PLAN
SCHOOL BUILDING

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/11

DATE :- 03-09-2023



NOTES-:
ALL SLAB SJALL BE 130MM THK. U.N.O.

TERRACE BELOW

TERRACE FLOOR REINFORCEMENT PLAN

IMP. NOTE:–

1. DISTRIBUTION BAR SHALL BE 8#@200C/C WHERE EVER REQUIRED/NOT SHOWN.

-DENOTE SLAB THICKNESS
-DENOTE SLAB NO.
-DENOTE TOP R/F
-DENOTE BOTTOM R/F

SCHEDULE OF REINFORCEMENT LEGEND

A	8#@100C/C
B	8#@125C/C
C	8#@150C/C
D	8#@175C/C
E	8#@200C/C
F	10#@100C/C
G	10#@125C/C
H	10#@150C/C
J	10#@175C/C
K	10#@200C/C
L	12#@100C/C
M	12#@125C/C
N	12#@150C/C
P	12#@175C/C
Q	12#@200C/C

GENERAL NOTES:-

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FOR TENDER PURPOSE

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GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
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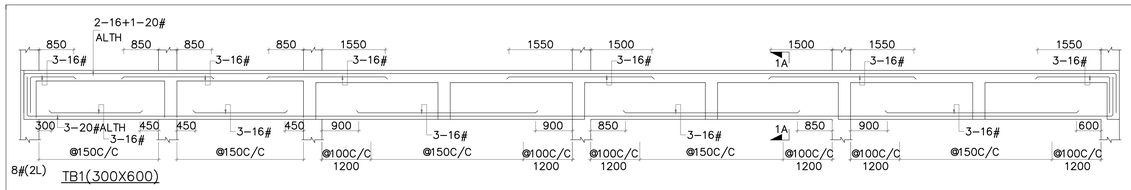
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
TERRACE FLOOR REINFORCEMENT PLAN
SCHOOL BUILDING

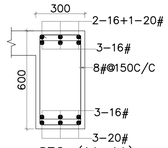
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NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/12

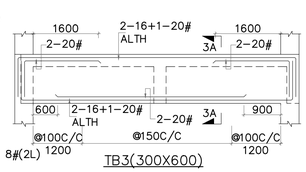
DATE :- 03-09-2023



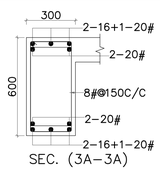
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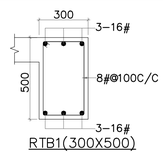
SEC. (1A–1A)



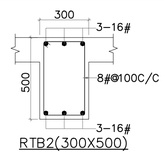
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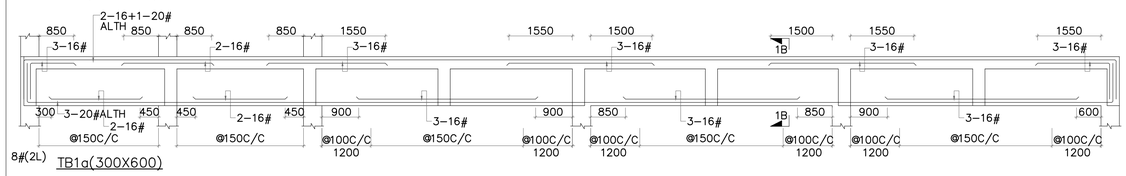
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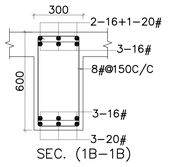
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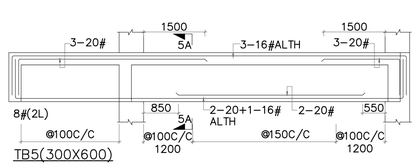
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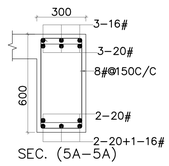
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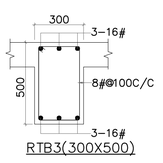
SEC. (1B–1B)



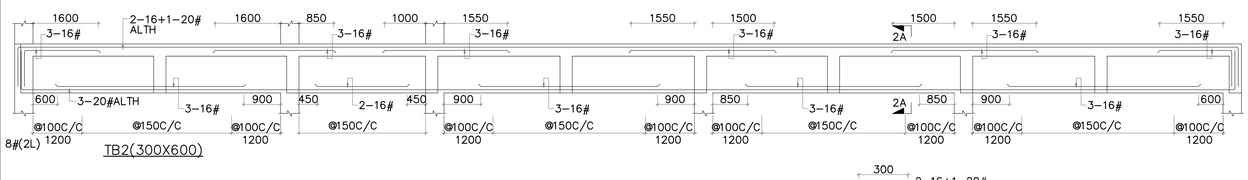
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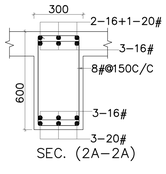
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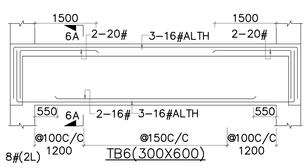
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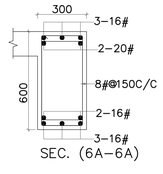
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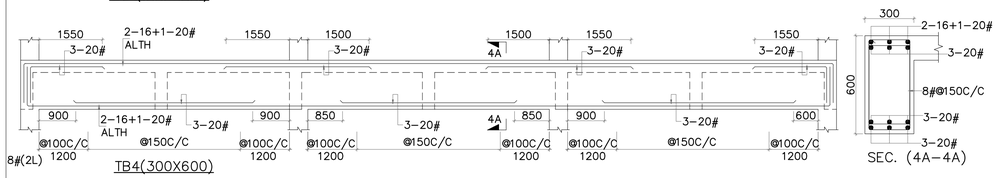
SEC. (2A–2A)



TB6(300X600)

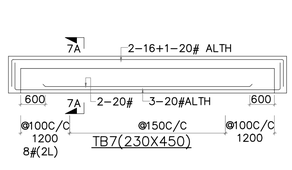


SEC. (6A–6A)

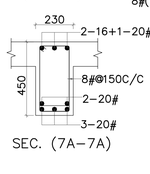


TB4(300X600)

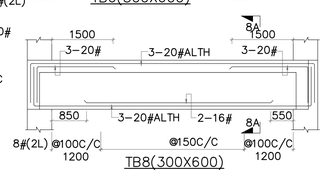
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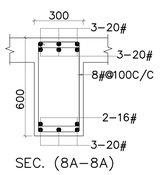
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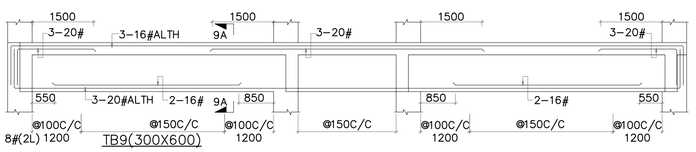
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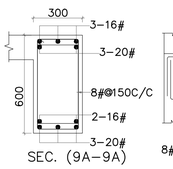
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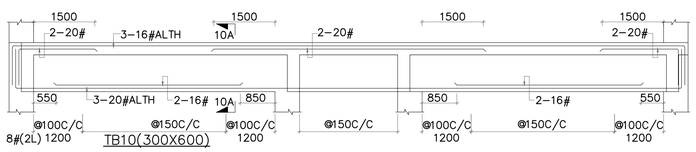
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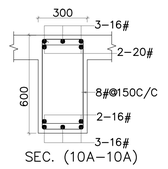
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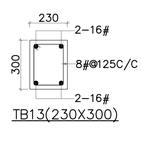
SEC. (9A–9A)



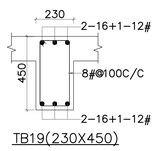
TB10(300X600)



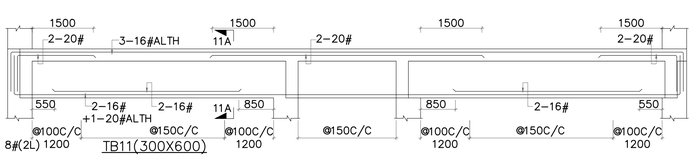
SEC. (10A–10A)



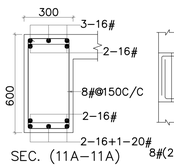
TB13(230X300)



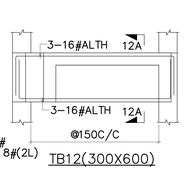
TB19(230X450)



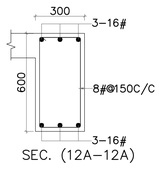
TB11(300X600)



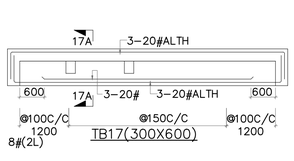
SEC. (11A–11A)



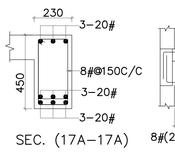
TB12(300X600)



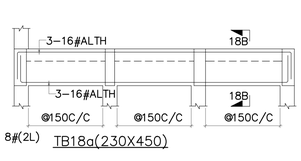
SEC. (12A–12A)



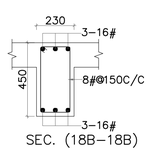
TB17(300X600)



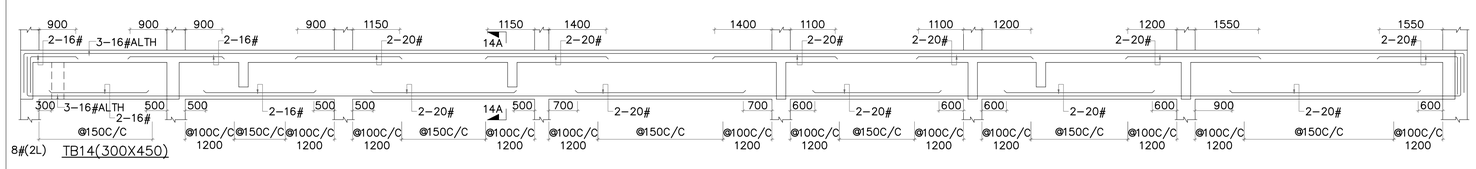
SEC. (17A–17A)



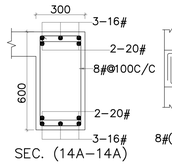
TB18a(230X450)



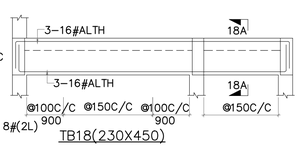
SEC. (18B–18B)



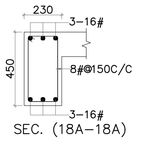
TB14(300X450)



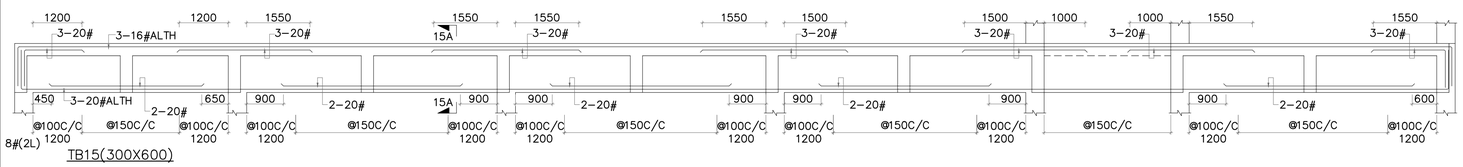
SEC. (14A–14A)



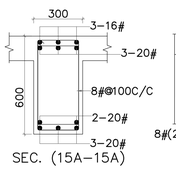
TB18(230X450)



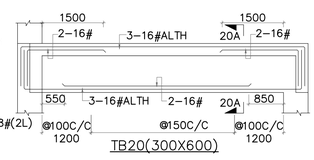
SEC. (18A–18A)



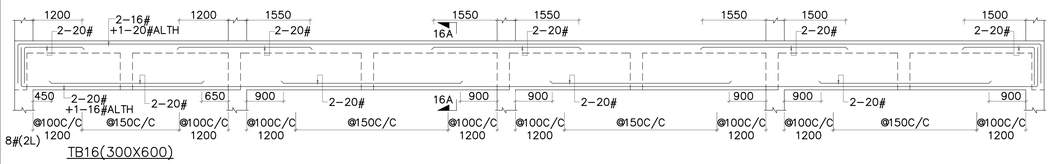
TB15(300X600)



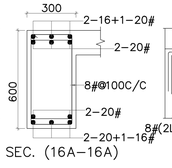
SEC. (15A–15A)



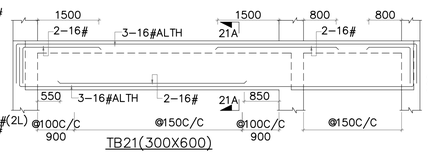
TB20(300X600)



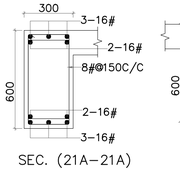
TB16(300X600)



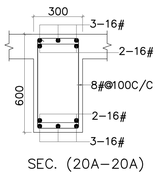
SEC. (16A–16A)



TB21(300X600)



SEC. (21A–21A)



SEC. (20A–20A)

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

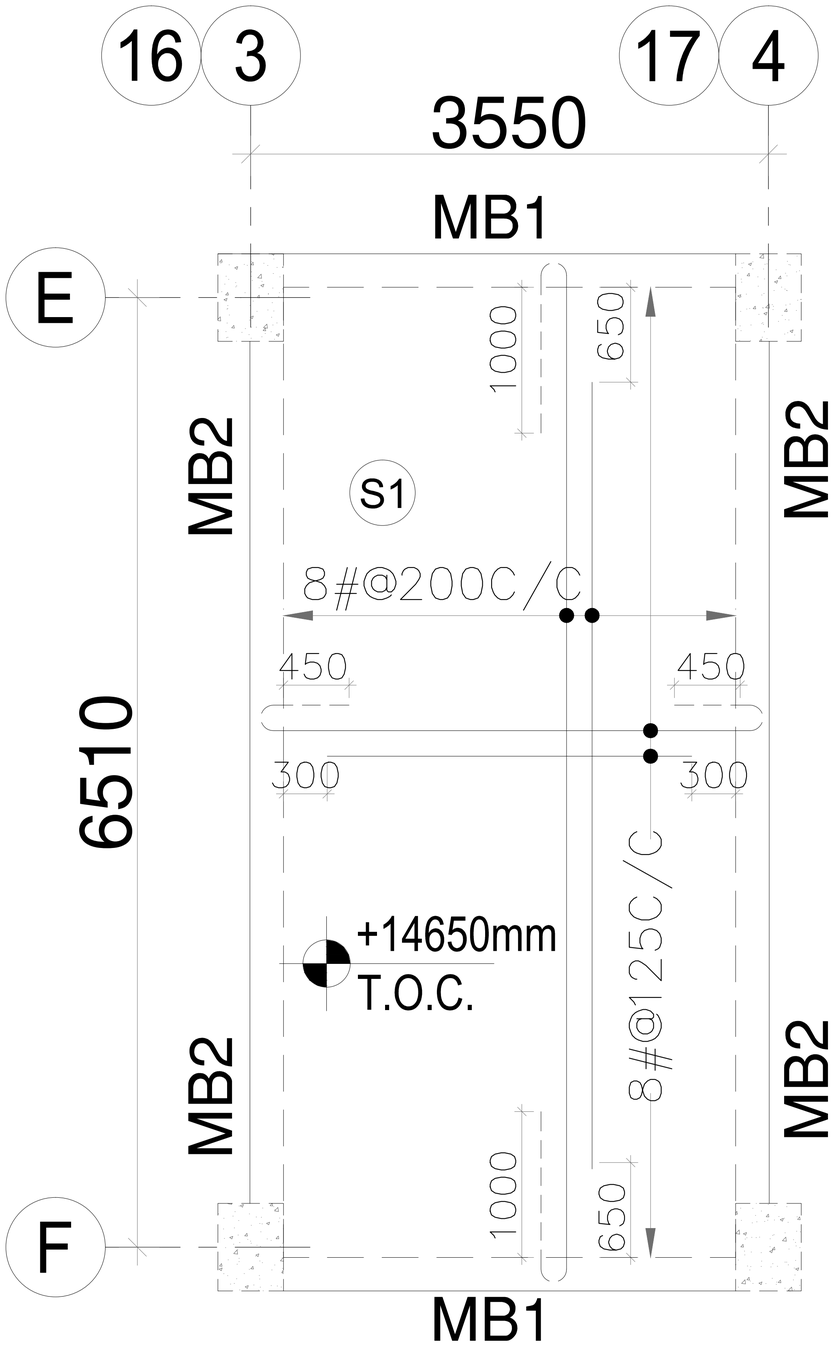
DRAWING TITLE:-

TERRACE FLOOR BEAM DETAILS
SCHOOL BUILDING

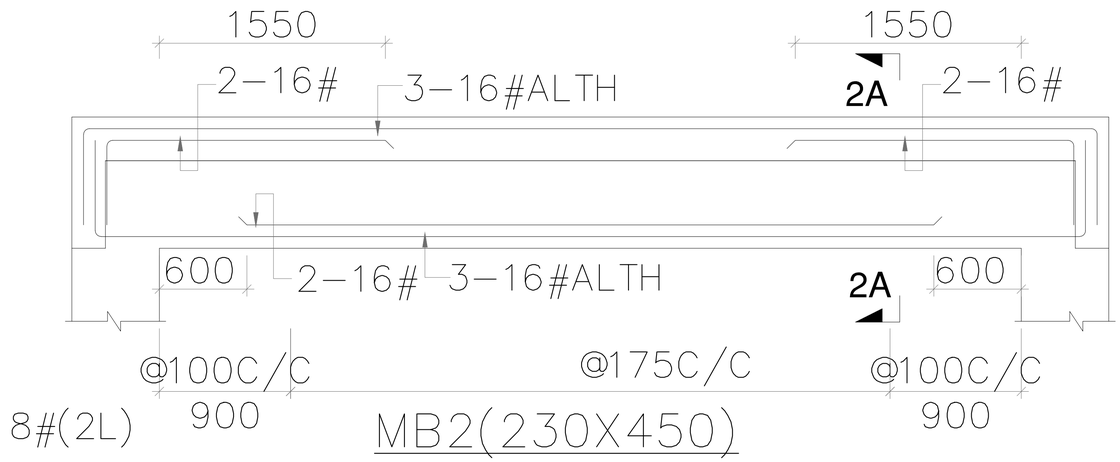
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NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/13

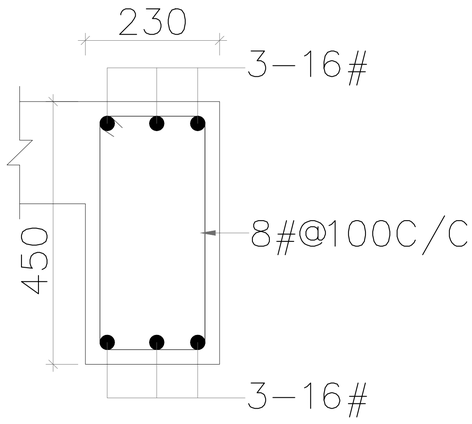
DATE :- 03-09-2023



MUMTY FRAMING & REINFORCEMENT PLAN



MB2(230X450)



MB1(230X450)

IMP. NOTE:-

1. DISTRIBUTION BAR SHALL BE 8#@200C/C WHERE EVER REQUIRED/NOT SHOWN.

-DENOTE SLAB THICKNESS

-DENOTE SLAB NO.

-DENOTE TOP R/F

-DENOTE BOTTOM R/F

NOTES-:

ALL SLAB SHALL BE 130MM THK. U.N.O.

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe:500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

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MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

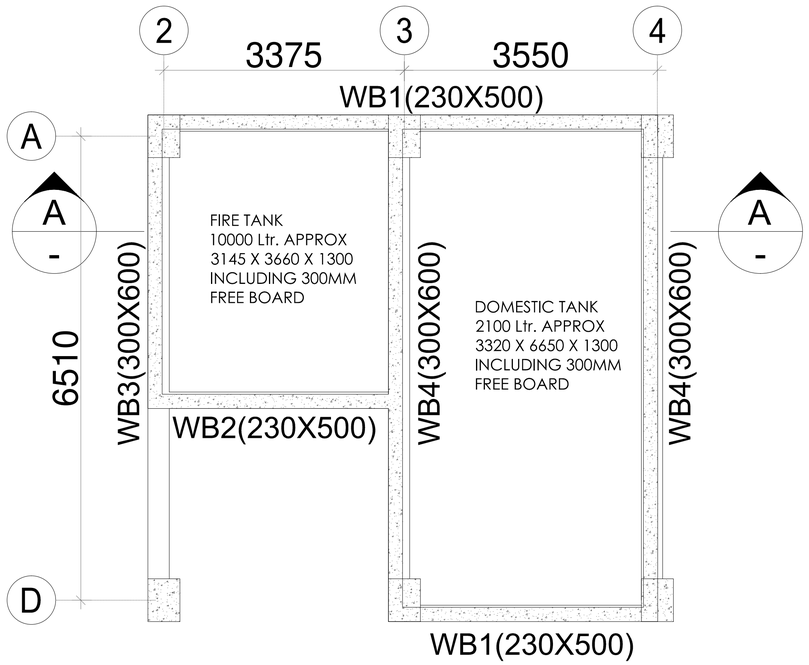
DRAWING TITLE:-

MUMTY DETAILS
SCHOOL BUILDING

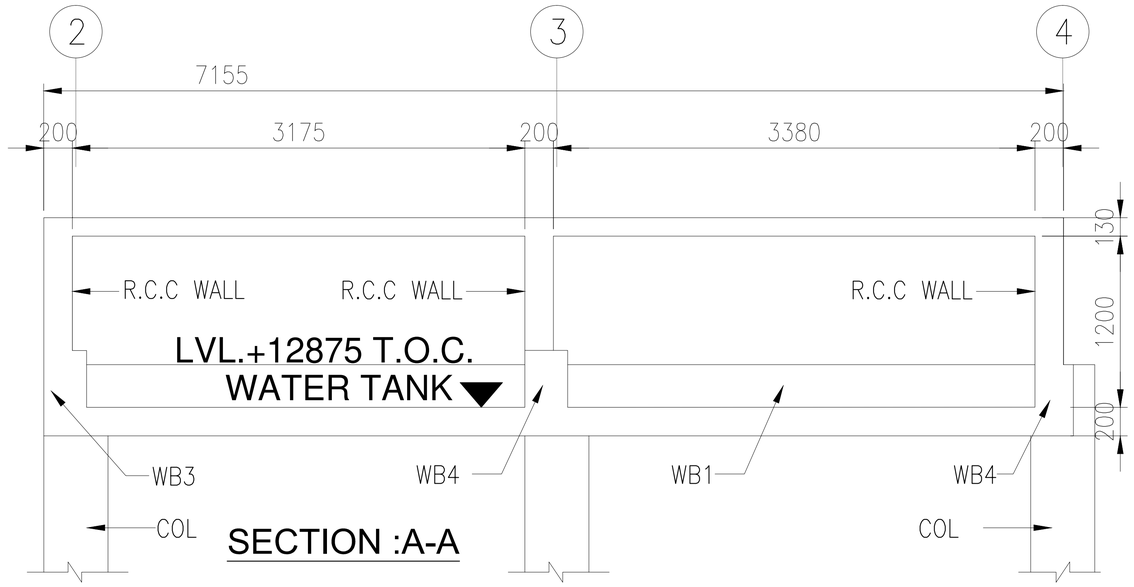
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NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/15

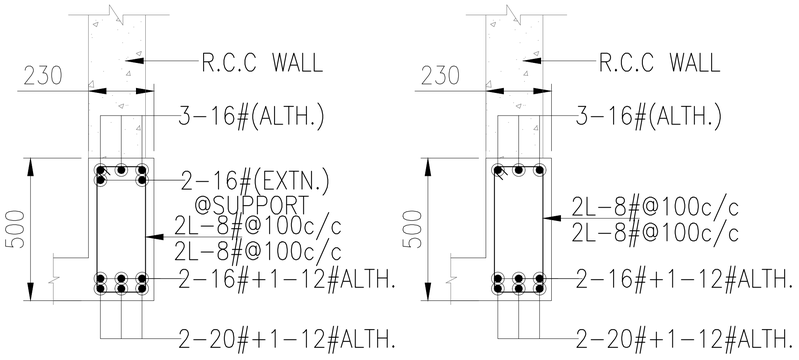
DATE :- 03-09-2023



WATER TANK FRAMING PLAN

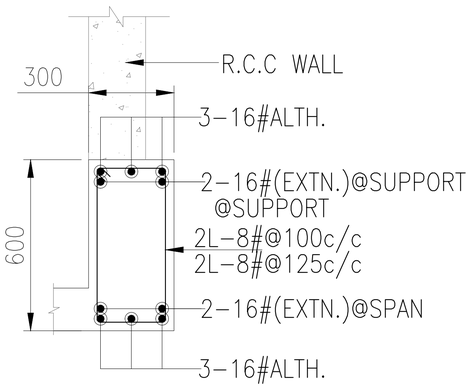


SECTION :A-A

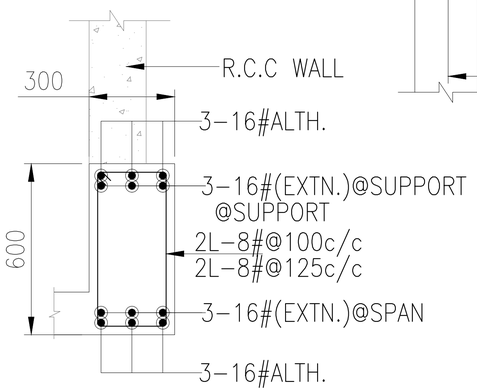


WB1(230X500)

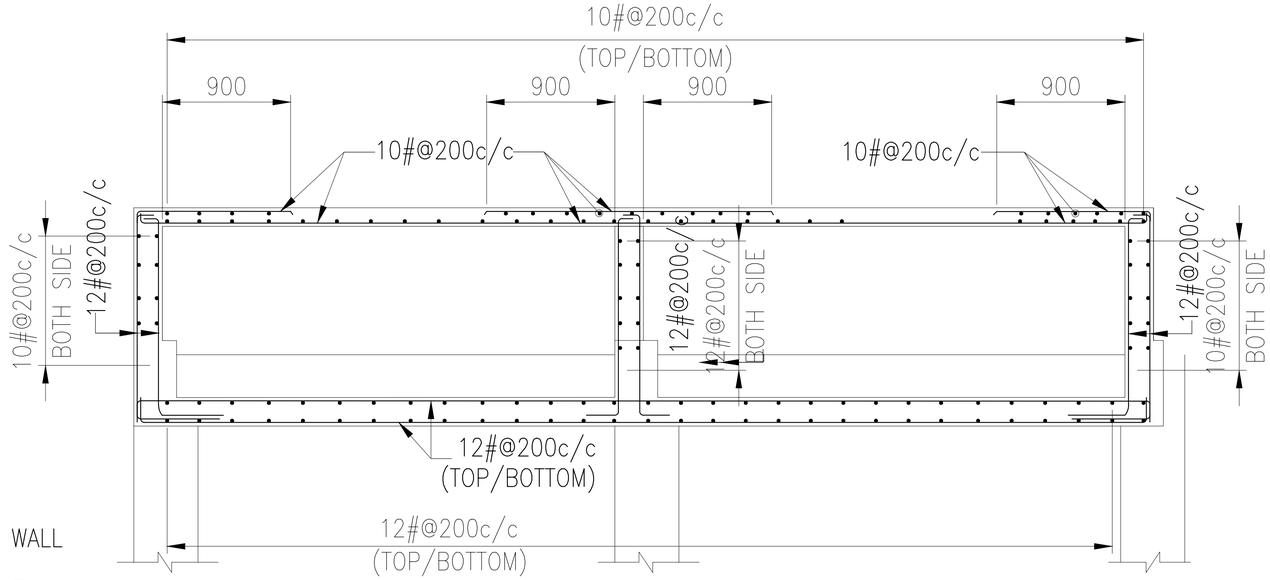
WB2(230X500)



WB3(300X600)



WB4(300X600)



SECTION :A-A

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. THE ENTIRE RCC TO BE CAST IN ONE GO.OR ELSE, PVC WATER BAR/WATER STOP TO BE PROVIDED AT JUNCTION OF HORZ.&VERTICAL A/S MANUFACTURERIS SPECS.
6. SLEEVES FOR PIPES TO BE LEFT BEFORE CASTING RCC AS PER RELEVANT ARCHITECTURE DWG.
7. WATER PROOFING A/S ARCH.DETAILS.
8. COVER
   - a) TANK WALLS
     - i) INNER FACE : 25MM
     - ii) OUTER FACE : 30MM
   - b) BEAM : 30MM
   - c) SLAB : 20MM
9. CONCRETE MIX
   - a) BEAM : M25
   - b) SLAB : M25
   - c) TANK WALLS : M25
10. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
11. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
12. PROVIDE DIST. REINF. WHEREVER REQD. AS FOLLOW:-
    TOP. - 8#@200C/C
    BOT. - 8#@200C/C
13. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :
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MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
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Ministry of Jal Shakti
ISO 9001:2015

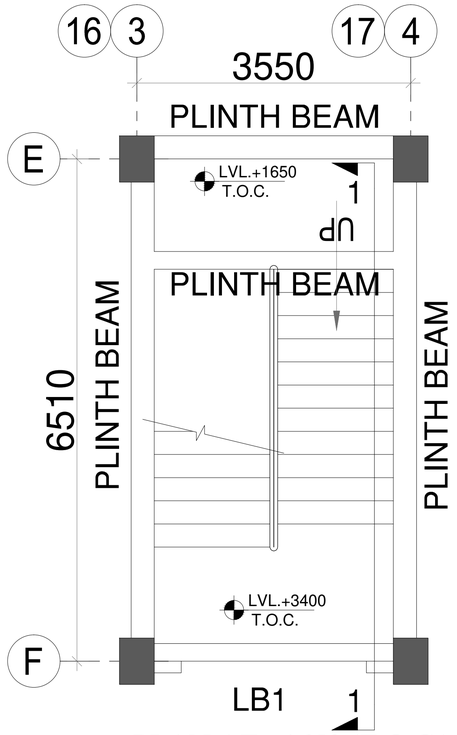
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL

DRAWING TITLE:-
OVER HEAD WATER TANKS DETAILS
SCHOOL BUILDING

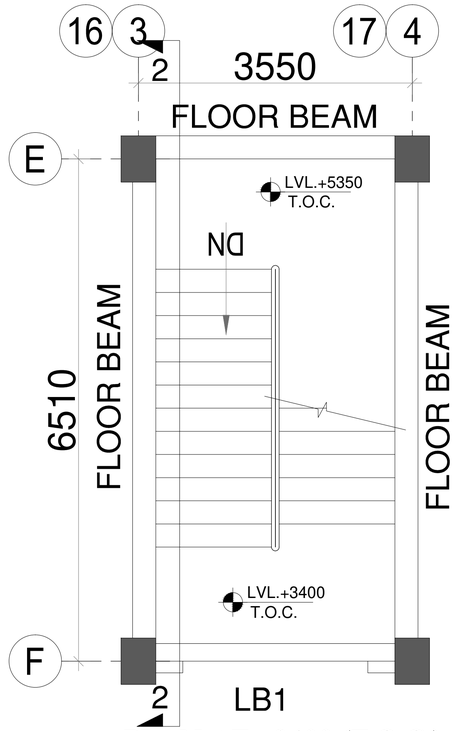
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NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/S/16

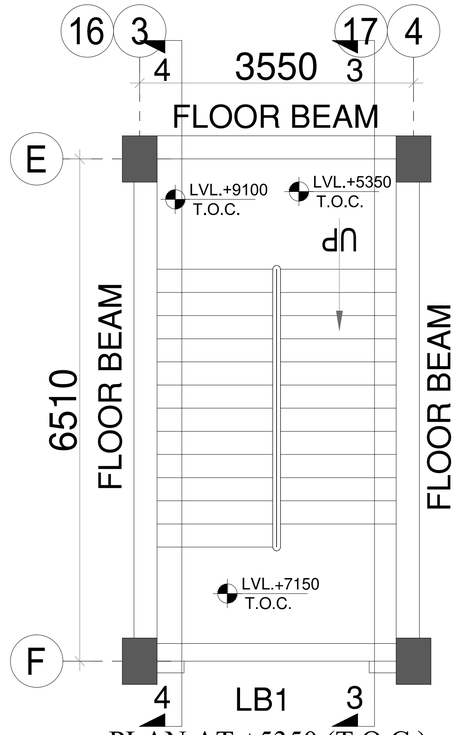
DATE :- 03-09-2023



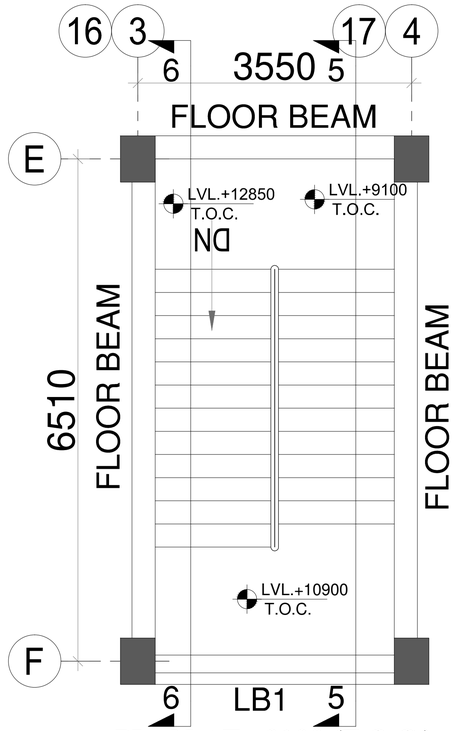
PLAN AT +1650 (T.O.C.)
TO LVL. +3400 (T.O.C.)



PLAN AT +3400 (T.O.C.)
TO LVL. +5350 (T.O.C.)



PLAN AT +5350 (T.O.C.)
TO LVL. +7150/9100 (T.O.C.)

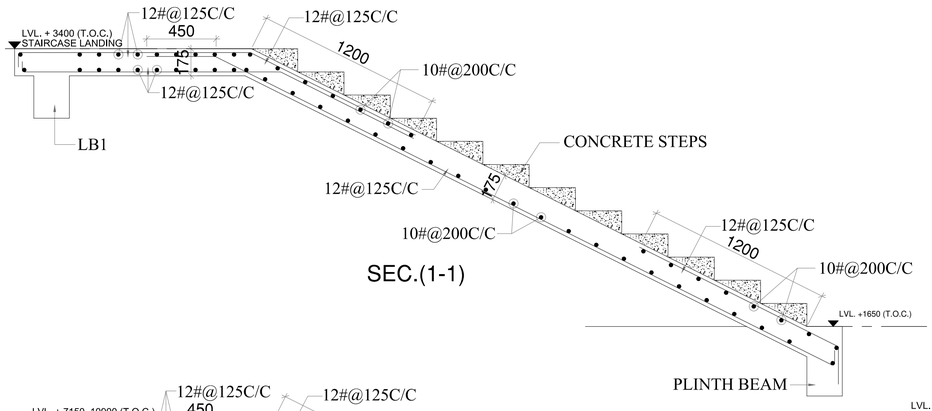


PLAN AT +9100 (T.O.C.)
TO LVL. +10900/12850 (T.O.C.)

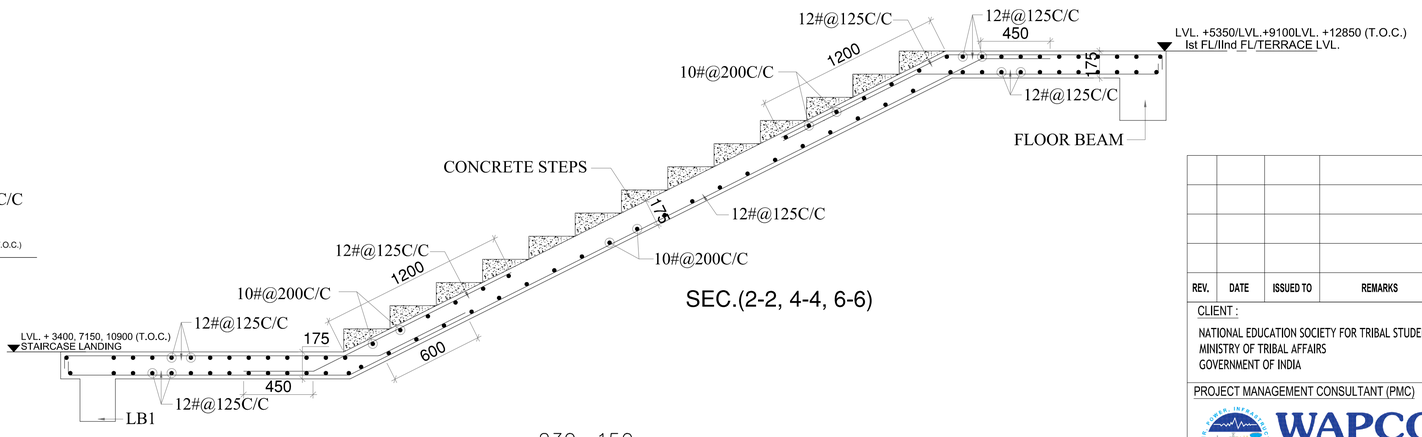
GENERAL NOTES:-

1. THE NUMBER OF TREADS AND RISERS SHOWN HERE IS INDICATIVE ONLY.
   THE SAME SHALL BE ADOPTED IN ACCORDANCE WITH RELEVANT ARCHITECTURAL DRAWING.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. POCKETS FOR FIXING OF HANDRAIL SHALL BE PROVIDED IN THE STEPS
   AS PER RELEVANT ARCHITECTURE DWG.
5. UNLESS NOTED OTHERWISE, THICKNESS OF WAIST SLAB AND LANDING
   SLAB SHALL BE 175mm.
6. FOR DETAIL OF FLOOR SLAB AROUND THE STAIR WELL REFER RELEVANT DRAWING FOR RESPECTIVE FLOOR.
7. COVER
   a) STAIR : 25MM
   b) BEAM : 30MM
8. CONCRETE MIX
   a) STAIR : M25
   b) BEAM : M25
9. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
10. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
11. EQ. ZONE - II

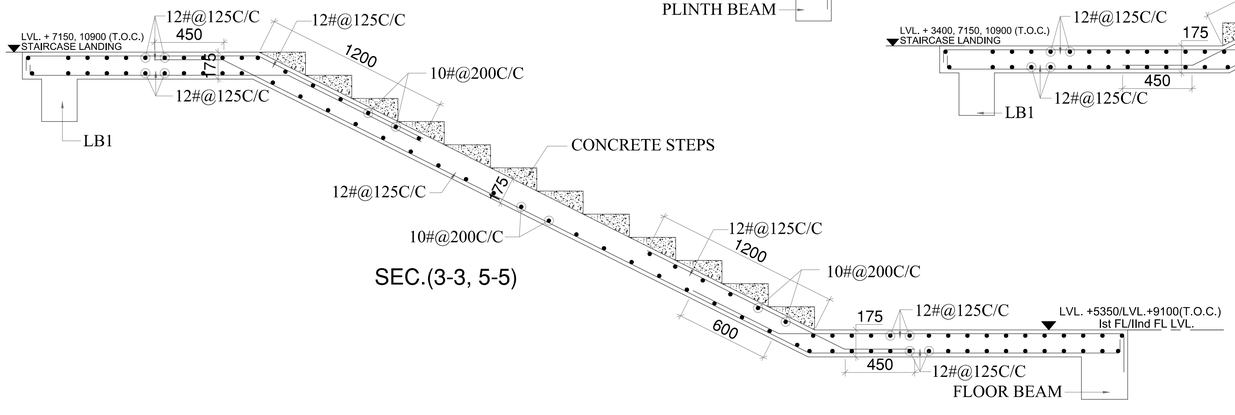
FOR TENDER PURPOSE



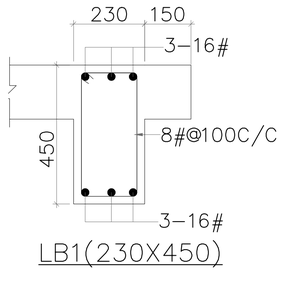
SEC.(1-1)



SEC.(2-2, 4-4, 6-6)



SEC.(3-3, 5-5)



LB1(230X450)

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

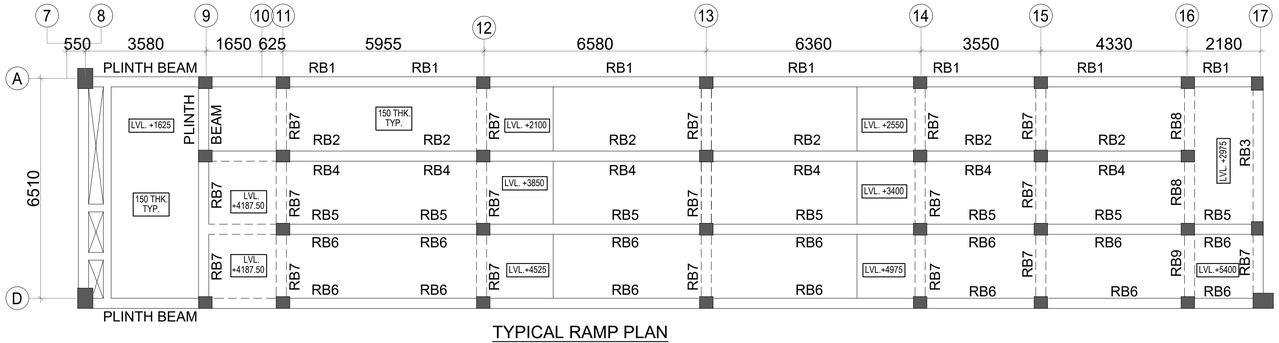
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
STAIR CASE DETAILS
SCHOOL BUILDING

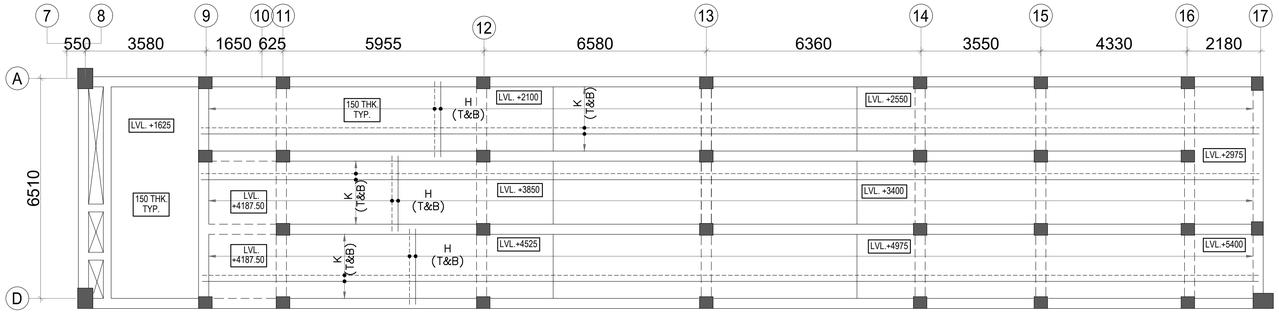
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DRAWING NO:- WAP/EMRS/BDKO/S/14

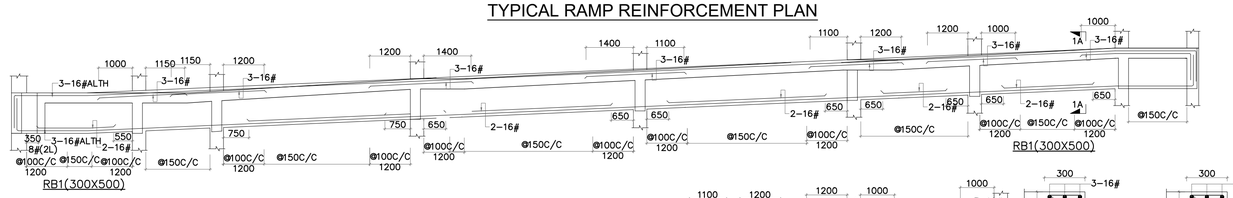
DATE :- 03-09-2023



TYPICAL RAMP PLAN



TYPICAL RAMP REINFORCEMENT PLAN



NOTES-:

ALL SLAB SHALL BE 150MM THK. U.N.O.

IMP. NOTE:–

1. DISTRIBUTION BAR SHALL BE 8#@200C/C WHERE EVER REQUIRED/NOT SHOWN.

-DENOTE SLAB THICKNESS

-DENOTE SLAB NO.

-DENOTE TOP R/F

-DENOTE BOTTOM R/F

SCHEDULE OF REINFORCEMENT LEGEND

A	8#@100C/C
B	8#@125C/C
C	8#@150C/C
D	8#@175C/C
E	8#@200C/C
F	10#@100C/C
G	10#@125C/C
H	10#@150C/C
J	10#@175C/C
K	10#@200C/C
L	12#@100C/C
M	12#@125C/C
N	12#@150C/C
P	12#@175C/C
Q	12#@200C/C

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

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PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

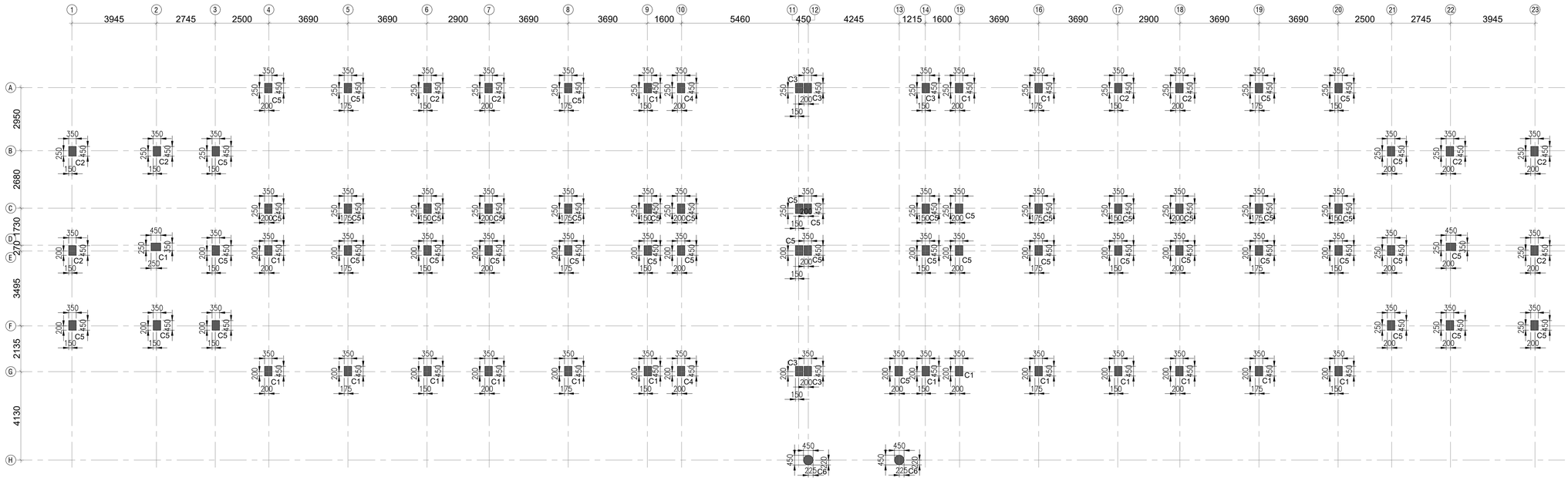
DRAWING TITLE:-

RAMP FRAMING PLAN SLAB & BEAM DETAILS
SCHOOL BUILDING

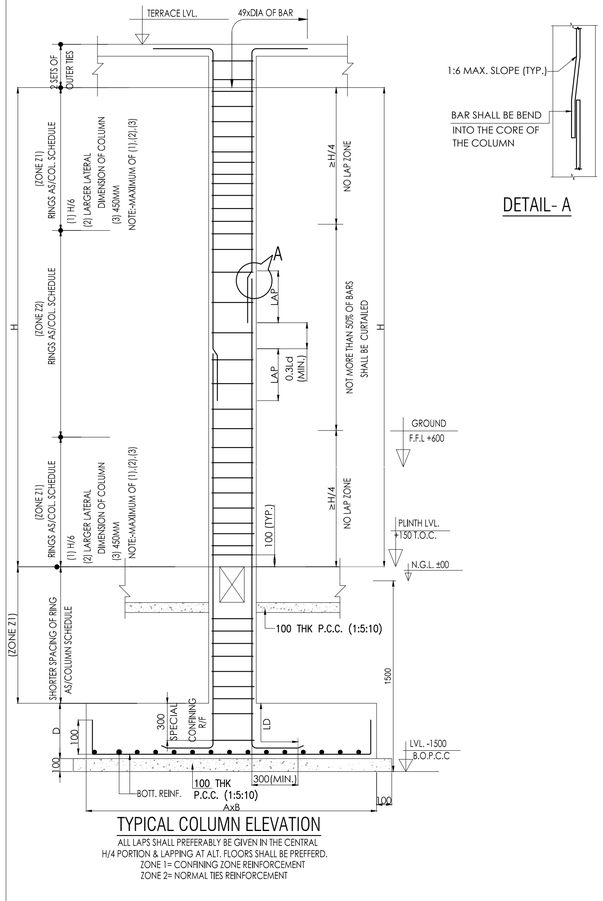
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DRAWING NO:- WAP/EMRS/BDKO/S/17

DATE :- 03-09-2023



COLUMN LAYOUT PLAN

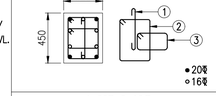
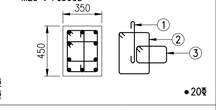
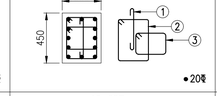
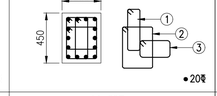
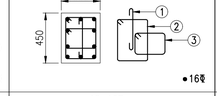
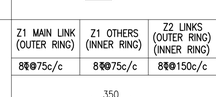
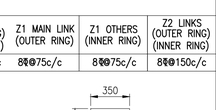


TYPICAL COLUMN ELEVATION

ALL LAPS SHALL PREFERABLY BE GIVEN IN THE CENTRAL H/4 PORTION & LAPPING AT ALT. FLOORS SHALL BE PREFFERD.
ZONE 1= CONFINING ZONE REINFORCEMENT
ZONE 2= NORMAL TIES REINFORCEMENT

DETAIL- A

COLUMN SCHEDULE SCALE 1:25

	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)		—	
	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c		—	
TERRACE LVL. TO WATER TANK PLATFORM/ MUMTY LVL./PARAPET LVL.	M25 : Fe500D  • 20ϕ ○ 16ϕ			M25 : Fe500D  • 20ϕ			M25 : Fe500D  • 20ϕ			M25 : Fe500D  • 20ϕ			M25 : Fe500D  • 16ϕ			M25 : Fe500D —		
	4–20ϕ+6–16ϕ			10–20ϕ			12–20ϕ			14–20ϕ			12–16ϕ				—	
COLUMN MARKED	C1–350X450			C2–350X450			C3–350X450			C4–350X450			C5–350X450				—	
TIES	M25 : Fe500D 			M25 : Fe500D 			M25 : Fe500D 			M25 : Fe500D 			M25 : Fe500D 			M25 : Fe500D 		
	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING) (INNER RING)	Z1 MAIN LINK (OUTER RING)	Z1 OTHERS (INNER RING)	Z2 LINKS (OUTER RING)
	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	8ϕ@75c/c	8ϕ@150c/c	8ϕ@75c/c	—	8ϕ@150c/c
FOUNDATION TO TERRACE LVL.	 • 20ϕ ○ 16ϕ			 • 20ϕ			 • 20ϕ			 • 20ϕ			 • 16ϕ			 • 16ϕ		
	4–20ϕ+6–16ϕ			10–20ϕ			12–20ϕ			14–20ϕ			12–16ϕ			10–16ϕ		
COLUMN MARKED	C1–350X450			C2–350X450			C3–350X450			C4–350X450			C5–350X450			C6–450ϕ		

NOTE:-
PROVIDE RING @100C/C IN THE LAPPING ZONE OF COLUMNS

NOTE:–
NET SAFE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION REPORT IS CONSIDERED 12 T/M^2 AT A DEPTH OF 1.5 M BELOW NATURAL GROUND LEVEL (NGL) OR CUTTING LEVEL WHICHEVER IS DEEPER.
CONTRACTOR TO RECONFIRM THE SAME BEFORE EXECUTING AT THE SITE.
IN CASE OF ANY DISCREPANCY FOUND,THE FOUNDATION IS TO BE REDESIGNED.
NGL LEVEL TO BE CONFIRMED BY THE SITE BEFORE EXECUTION.

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRAWING.
3. ANY DISCREPANCY IN THE ARCHITECTURAL AND STRUCTURAL DRAWING SHALL BE INTIMATED TO THIS OFFICE AND GOT RECONCILED BEFORE EXECUTION.
4. ALL R.C.C. WORK SHALL BE IN M–25 GRADE MIX. UNLESS OTHERWISE MENTIONED.USE M30 GRADEFOR WATER TANK WALL AND BASE SLAB
5. Fe–500D HIGH STRENGTH DEFORMED BARS OR TMT HAVING ELONGATION MIN. 18 % CONFIRMING TO IS1786–LATEST REVISION, IS13920–2016,IS456– SHALL BE USED IN ALL RCC WORK.
6. REINFORCEMENT SHALL HAVE CONCRETE COVER (EXCLUSIVE OF PLASTER OR OTHER DECORATIVE FINISH) AS FOLLOWS:–AND AS PER IS CODE PROVISION
   A) FOOTING =60MM
   B) COLUMN=40MM
   C) BEAM = LARGER OF 30mm OR MAIN BAR DIA
   D) SLAB = 20mm
7. BUILDING IS DESIGNED FOR GROUND+2. NO FUTURE EXPANSION IS CONSIDERED IN THE DESIGN.
8. BUILDING IS DESIGNED SEISMIC ZONE II AS PER IS–1893 (PART 1):2016
9. NET ALLOWABLE BEARING CAPACITY = 12.0 T/M^2 AT 1.5m BELOW N.G.L
10. ALL TYPICAL & STANDARD DETAIL REFER DWG. NO.– WAP/EMRS/TD/ST/01 & WAP/EMRS/TD/ST/02

FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

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ISO 9001:2015 Ministry of Jal Shakti

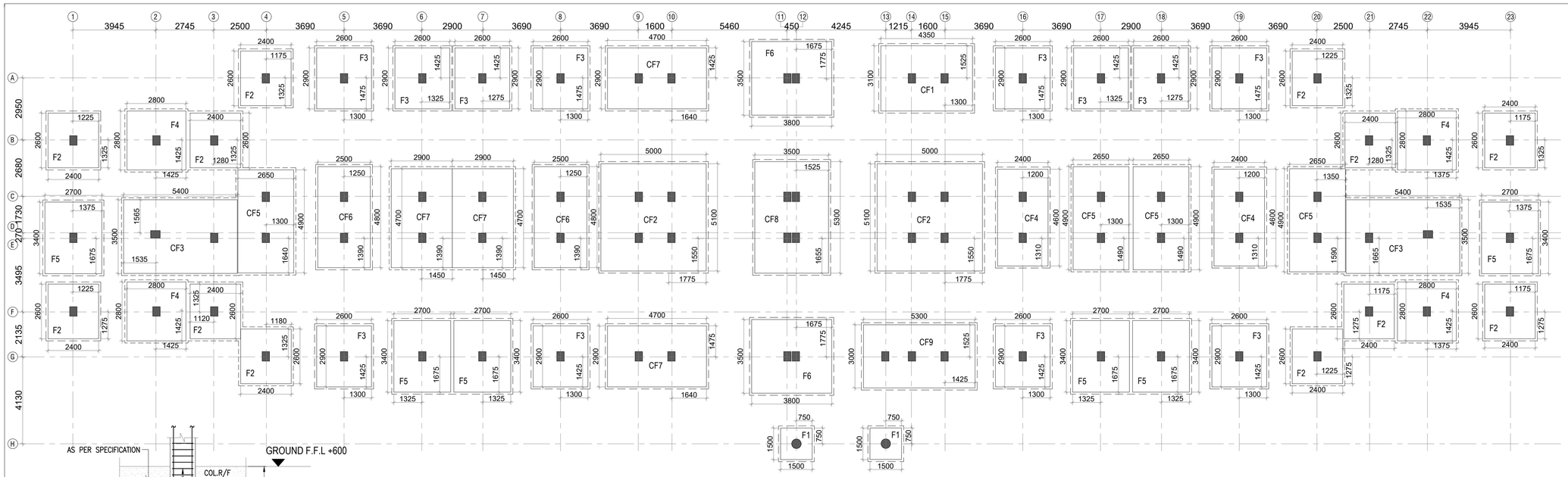
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
COLUMNS LAYOUT PLAN
BOYS HOSTEL

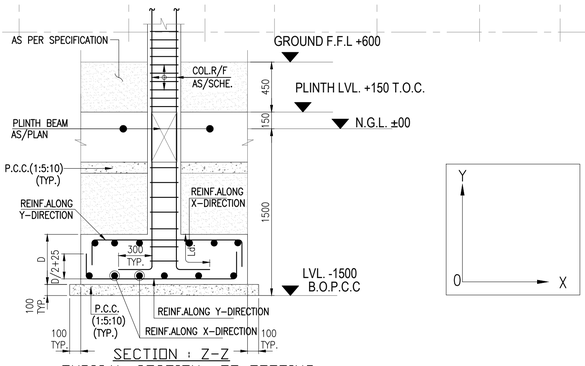
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DRAWING NO:- WAP/EMRS/BDKO/BH/01

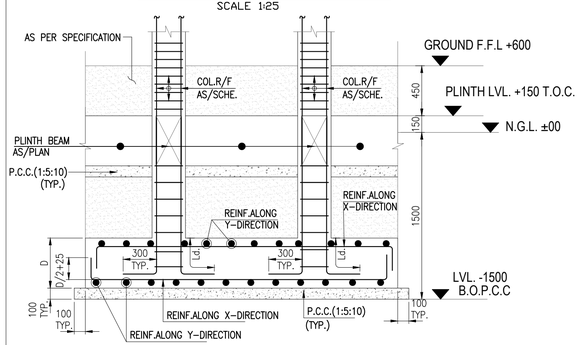
DATE :- 03-09-2023



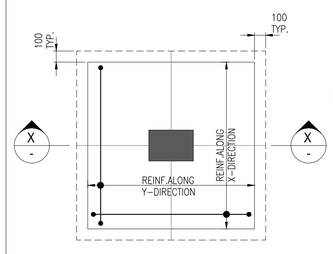
FOUNDATION PLAN



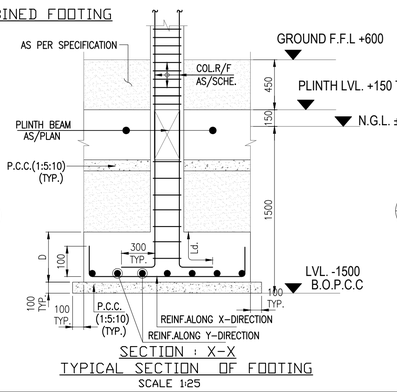
SECTION : Z-Z
TYPICAL SECTION OF FOOTING
SCALE 1:25



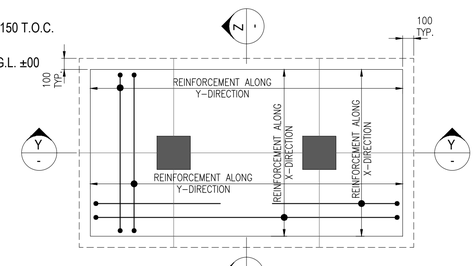
SECTION : Y-Y
TYPICAL SECTION OF COMBINED FOOTING
SCALE 1:25



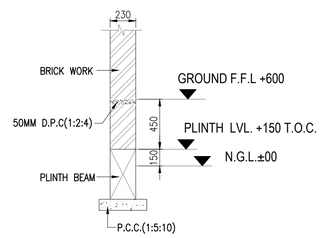
TYPICAL DETAIL OF FOOTING
SCALE 1:25



SECTION : X-X
TYPICAL SECTION OF FOOTING
SCALE 1:25



TYPICAL COMBINED DETAIL OF FOOTING
SCALE 1:25



TYPICAL BRICK WALL SECTION DETAIL
SCALE 1:25

FOUNDATION SCHEDULE

SCALE 1:25

SL. NO.	FOOTING NO.	SIZE LxB	THICKNESS D	FOOTING SHAPE	BOTTOM REINFORCEMENT REINF.ALONG X-DIRECTION	BOTTOM REINFORCEMENT REINF.ALONG Y-DIRECTION	BOTTOM REINFORCEMENT (EXTRA LAYER) REINF.ALONG X-DIRECTION	BOTTOM REINFORCEMENT (EXTRA LAYER) REINF.ALONG Y-DIRECTION	TOP REINFORCEMENT REINF.ALONG X-DIRECTION	TOP REINFORCEMENT REINF.ALONG Y-DIRECTION	TOP REINFORCEMENT (EXTRA LAYER) REINF.ALONG X-DIRECTION	TOP REINFORCEMENT (EXTRA LAYER) REINF.ALONG Y-DIRECTION	BOTTOM OF FOOTING LVL. H
1.	F1	1500X1500	400		10ϕ@200c/c	10ϕ@200c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
2.	F2	2400X2600	400		12ϕ@200c/c	12ϕ@200c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
3.	F3	2600X2900	400		12ϕ@175c/c	12ϕ@175c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
4.	F4	2800X2800	450		12ϕ@175c/c	12ϕ@175c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
5.	F5	2700X3400	450		12ϕ@100c/c	12ϕ@100c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
6.	F6	3500X3800	550		12ϕ@125c/c	12ϕ@125c/c	—	—	—	—	—	—	-1.5 mt. FROM N.G.L.
7.	CF1	3100X4350	500		12ϕ@125c/c	12ϕ@150c/c	—	—	12ϕ@175c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
8.	CF2	5000X5100	550		12ϕ@100c/c	12ϕ@100c/c	—	—	12ϕ@175c/c	12ϕ@175c/c	—	—	-1.5 mt. FROM N.G.L.
9.	CF3	3500X5400	550		12ϕ@125c/c	12ϕ@125c/c	—	—	12ϕ@125c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
10.	CF4	2400X4600	450		12ϕ@150c/c	12ϕ@175c/c	—	—	12ϕ@175c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
11.	CF5	2650X4900	450		12ϕ@100c/c	12ϕ@175c/c	—	—	12ϕ@175c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
12.	CF6	2500X4800	450		12ϕ@125c/c	12ϕ@175c/c	—	—	12ϕ@175c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
13.	CF7	2900X4700	550		12ϕ@100c/c	12ϕ@175c/c	—	—	12ϕ@200c/c	12ϕ@175c/c	—	—	-1.5 mt. FROM N.G.L.
14.	CF8	3500X5300	650		12ϕ@125c/c	12ϕ@125c/c	—	—	12ϕ@200c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.
15.	CF9	3000X5300	500		12ϕ@100c/c	12ϕ@125c/c	—	—	12ϕ@175c/c	12ϕ@200c/c	—	—	-1.5 mt. FROM N.G.L.

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1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRAWING.
3. ANY DISCREPANCY IN THE ARCHITECTURAL AND STRUCTURAL DRAWING SHALL BE INTIMATED TO THIS OFFICE AND GOT RECONCILED BEFORE EXECUTION.
4. ALL R.C.C. WORK SHALL BE IN M-25 GRADE MIX. UNLESS OTHERWISE MENTIONED.USE M30 GRADEFOR WATER TANK WALL AND BASE SLAB
5. Fe-500D HIGH STRENGTH DEFORMED BARS OR TMT HAVING ELONGATION MIN. 18 % CONFIRMING TO IS1786-LATEST REVISION, IS13920-2016,IS456:- SHALL BE USED IN ALL RCC WORK.
6. REINFORCEMENT SHALL HAVE CONCRETE COVER (EXCLUSIVE OF PLASTER OR OTHER DECORATIVE FINISH) AS FOLLOWS:-AND AS PER IS CODE PROVISION
   A) FOOTING =60MM
   B) COLUMN=40MM
   C) BEAM = LARGER OF 30mm OR MAIN BAR DIA
   D) SLAB = 20mm
7. BUILDING IS DESIGNED FOR GROUND+2. NO FUTURE EXPANSION IS CONSIDERED IN THE DESIGN.
8. BUILDING IS DESIGNED SEISMIC ZONE II AS PER IS-1893 (PART 1):2016
9. NET ALLOWABLE BEARING CAPACITY = 12.0 T/M² AT 1.5m BELOW N.G.L
10. ALL TYPICAL & STANDARD DETAIL REFER DWG. NO.- WAP/EMRS/TD/ST/01 & WAP/EMRS/TD/ST/02

FOR TENDER PURPOSE

LEGENDS
TOP REINFORCEMENT
BOTTOM REINFORCEMENT

NOTE:-
NET SAFE BEARING CAPACITY OF SOIL AS PER SOIL INVESTIGATION REPORT IS CONSIDERED 12 T/M² AT A DEPTH OF 1.5 M BELOW NATURAL GROUND LEVEL (NGL) OR CUTTING LEVEL WHICHEVER IS DEEPER. CONTRACTOR TO RECONFIRM THE SAME BEFORE EXECUTING AT THE SITE. IN CASE OF ANY DISCREPANCY FOUND,THE FOUNDATION IS TO BE REDESIGNED. NGL LEVEL TO BE CONFIRMED BY THE SITE BEFORE EXECUTION.

NOTE:-
PROVIDE RING @100C/C IN THE LAPPING ZONE OF COLUMNS

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

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MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015 Ministry of Jal Shakti

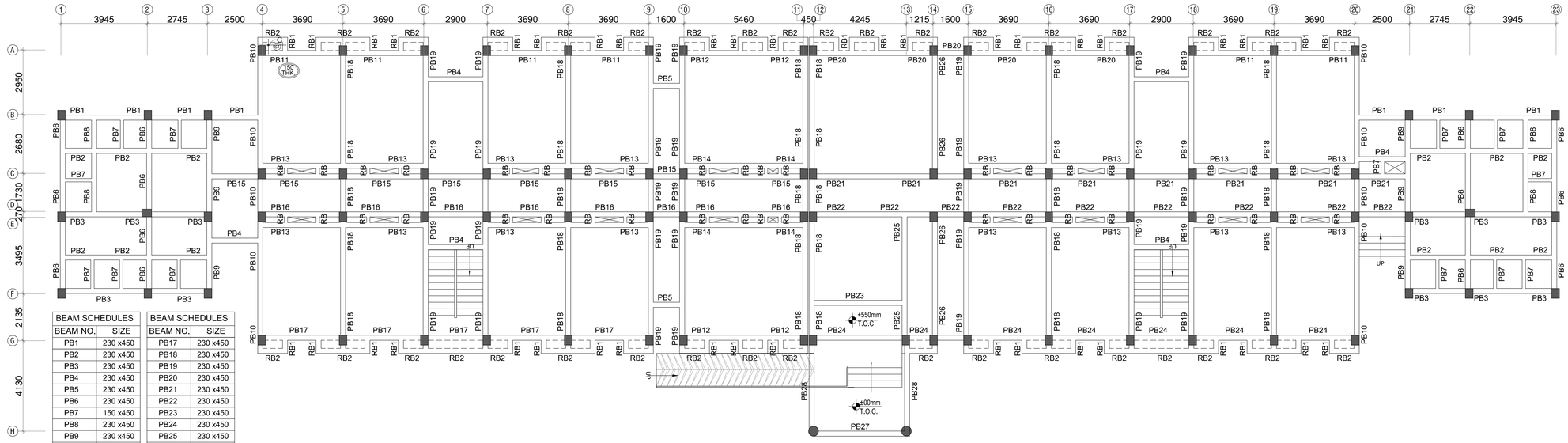
PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
FOUNDATION PLAN & DETAILS
BOYS HOSTEL

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/BH/02

DATE :- 03-09-2023



BEAM SCHEDULES	
BEAM NO.	SIZE
PB1	230 x450
PB2	230 x450
PB3	230 x450
PB4	230 x450
PB5	230 x450
PB6	230 x450
PB7	150 x450
PB8	230 x450
PB9	230 x450
PB10	230 x450
PB11	230 x450
PB12	230 x450
PB13	230 x450
PB14	230 x450
PB15	230 x450
PB16	230 x450

BEAM SCHEDULES	
BEAM NO.	SIZE
PB17	230 x450
PB18	230 x450
PB19	230 x450
PB20	230 x450
PB21	230 x450
PB22	230 x450
PB23	230 x450
PB24	230 x450
PB25	230 x450
PB26	230 x450
PB27	230 x450
PB28	230 x450
RB	150 x300
RB1	230 x450
RB2	230 x450

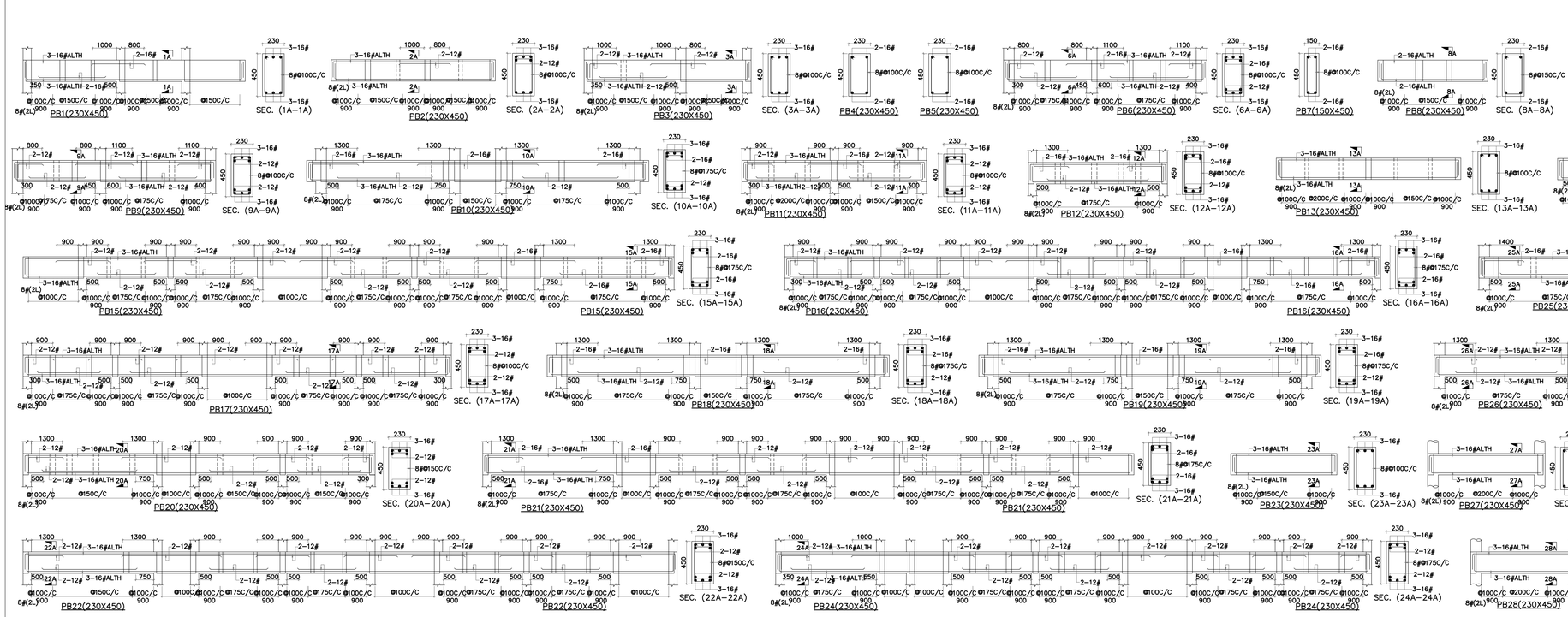
PLINTH BEAM FRAMING PLAN

NOTE: ALL PLINTH BEAM AT +550LVL.

NOTE: PB27 & PB28 BEAM AT +0.0 LVL.

GENERAL NOTES:-

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
4. UNLESS NOTED OTHERWISE, ALL LEVELS SHOWN IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
5. COVER
   a) BEAM : 30MM
   b) SLAB : 20MM
6. CONCRETE MIX
   a) BEAM : M25
   b) SLAB : M25
7. REINFORCEMENT : REINF. STEEL SHALL BE TMT BARS OF GRADE Fe500D CONFIRMING TO IS 1786-2008 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
8. DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-34:1987, IS-456:2000, IS-13920:2016 & OTHER RELEVANT CODES (LATEST VERSION WITH UPTO DATE AMENDMENTS)
9. EQ. ZONE - II



FOR TENDER PURPOSE

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

CLIENT :

NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS **(NESTS)**
MINISTRY OF TRIBAL AFFAIRS
GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)

WAPCOS LIMITED
(A Government of India Undertaking)
ISO 9001:2015
Ministry of Jal Shakti

PROJECT :

EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

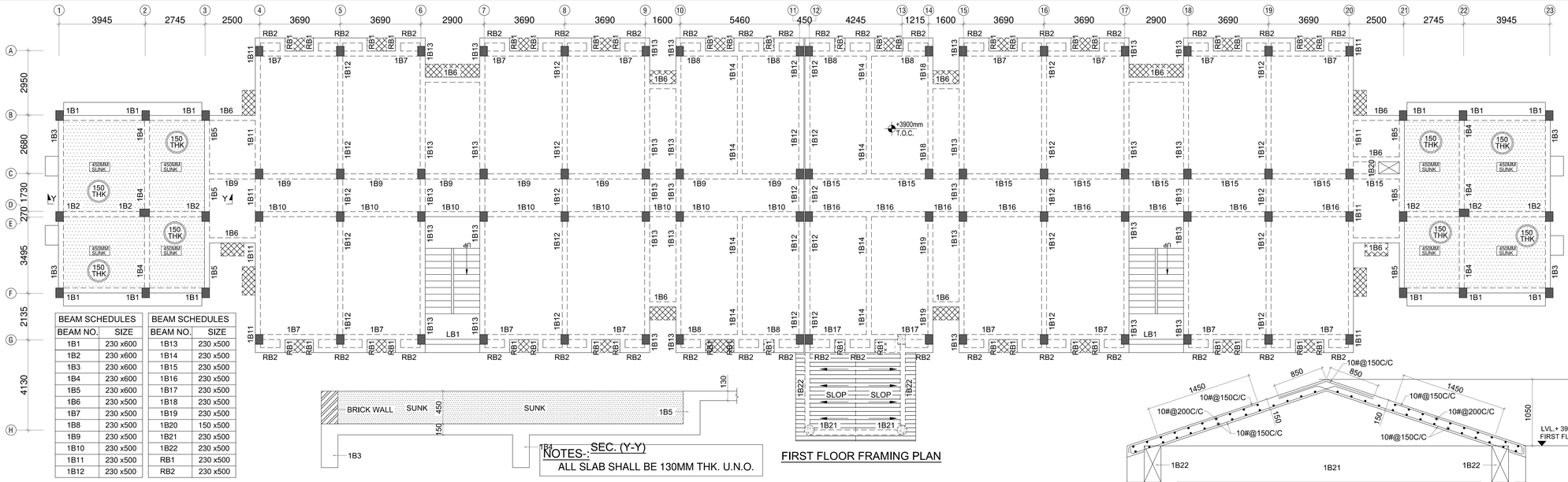
DRAWING TITLE:-

PLINTH BEAM FRAMING PLAN & BEAM DETAILS
BOYS HOSTEL

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/BH/03

DATE :- 03-09-2023

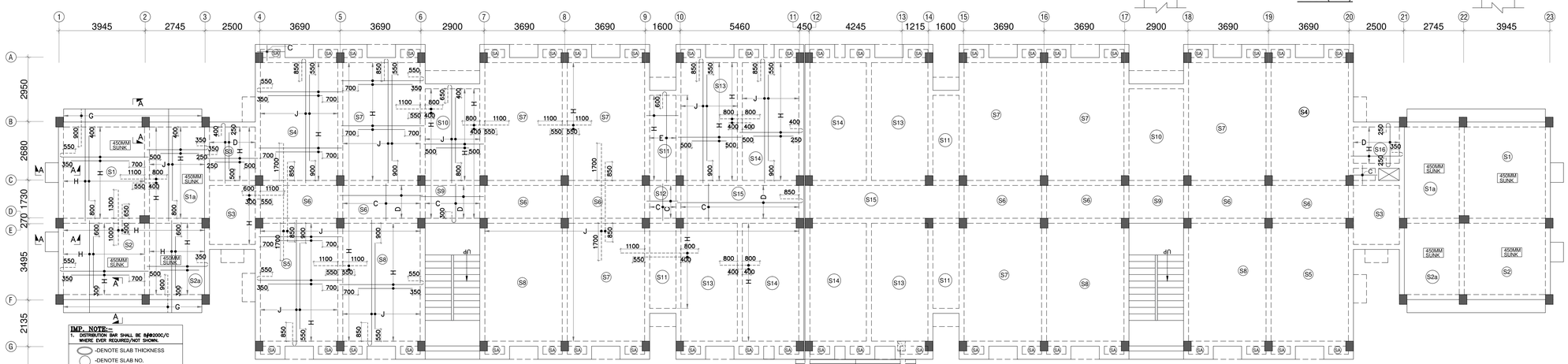


BEAM SCHEDULES	
BEAM NO.	SIZE
1B1	230 x600
1B2	230 x600
1B3	230 x600
1B4	230 x600
1B5	230 x500
1B6	230 x500
1B7	230 x500
1B8	230 x500
1B9	230 x500
1B10	230 x500
1B11	230 x500
1B12	230 x500

BEAM SCHEDULES	
BEAM NO.	SIZE
1B13	230 x500
1B14	230 x500
1B15	230 x500
1B16	230 x500
1B17	230 x500
1B18	230 x500
1B19	230 x500
1B20	150 x500
1B21	230 x500
1B22	230 x500
RB1	230 x500
RB2	230 x500

GENERAL NOTES:-

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9. EQ. ZONE - II



FOR TENDER PURPOSE

-BEAM BOTTOM PROJECTION

REV.	DATE	ISSUED TO	REMARKS	TMS. No.

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GOVERNMENT OF INDIA

PROJECT MANAGEMENT CONSULTANT (PMC)
WAPCOS LIMITED
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Ministry of Jal Shakti
ISO 9001:2015

PROJECT :
EKLAVYA MODEL RESIDENTIAL SCHOOL
AT BORIGGUMA, DISTT. KORAPUT, ODISHA

DRAWING TITLE:-
FIRST FLOOR FRAMING PLAN & BEAM DETAILS
BOYS HOSTEL

SCALE :-	DRAWN :-	CHECKED :-	APPROVED :-
NTS	A	Sachin	Sachin

DRAWING NO:- WAP/EMRS/BDKO/BH/04

DATE :- 03-09-2023