

**CONSULTANCY FOR ARCHITECTURAL FIRM FOR THE DESIGNING  
AND PREPARATION OF DETAILED DRAWINGS, BOQS AND THE  
SUPERVISION OF THE REFURBISHMENTS OF POLYTECHNICS  
MALDIVES POLYTECHNIC, S.HITTHADHOO CAMPUS  
ARCHITECTURAL, STRUCTURAL & SERVICES DRAWINGS**

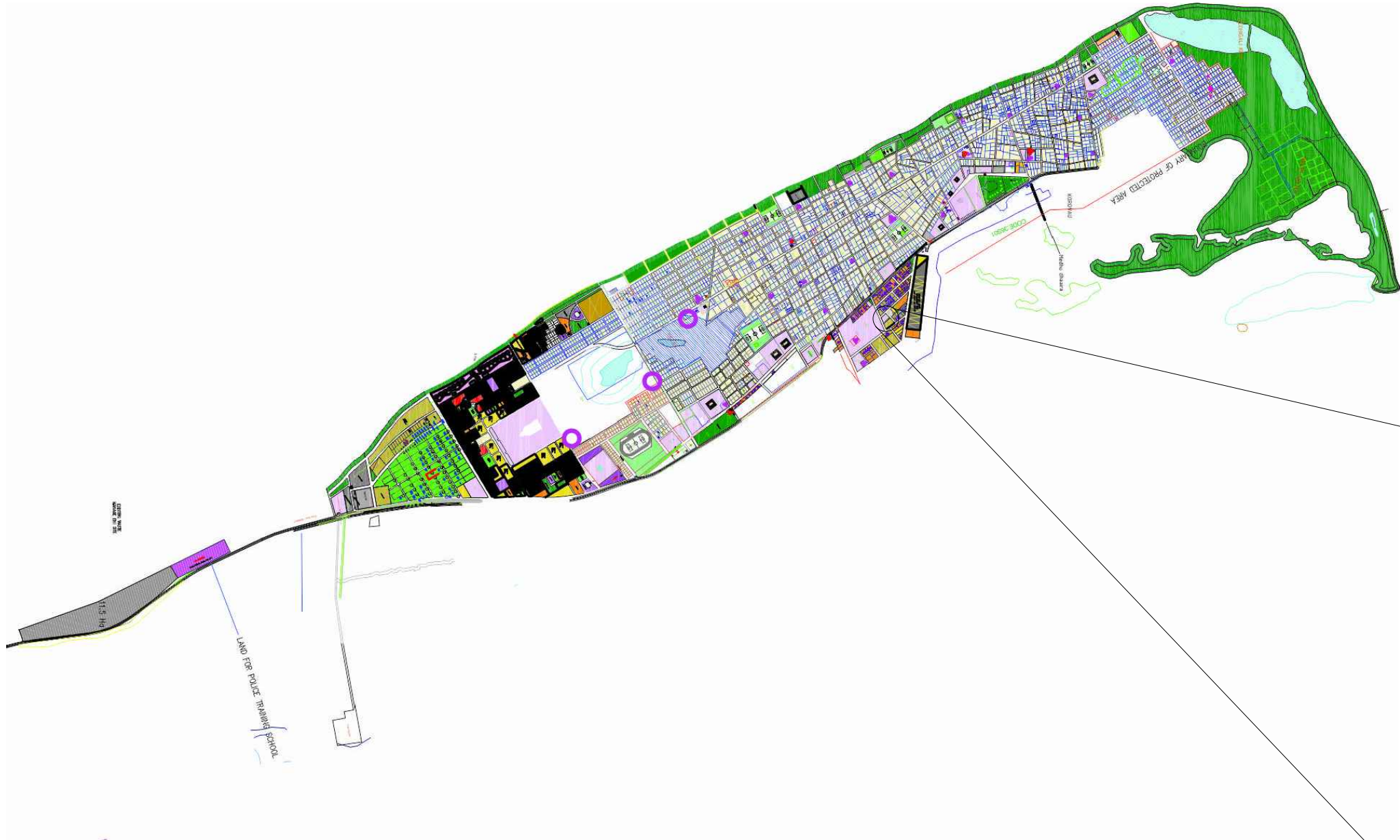
**SEPTEMBER 2021**

CONTRACT NO: MEERY/2021/GS-016

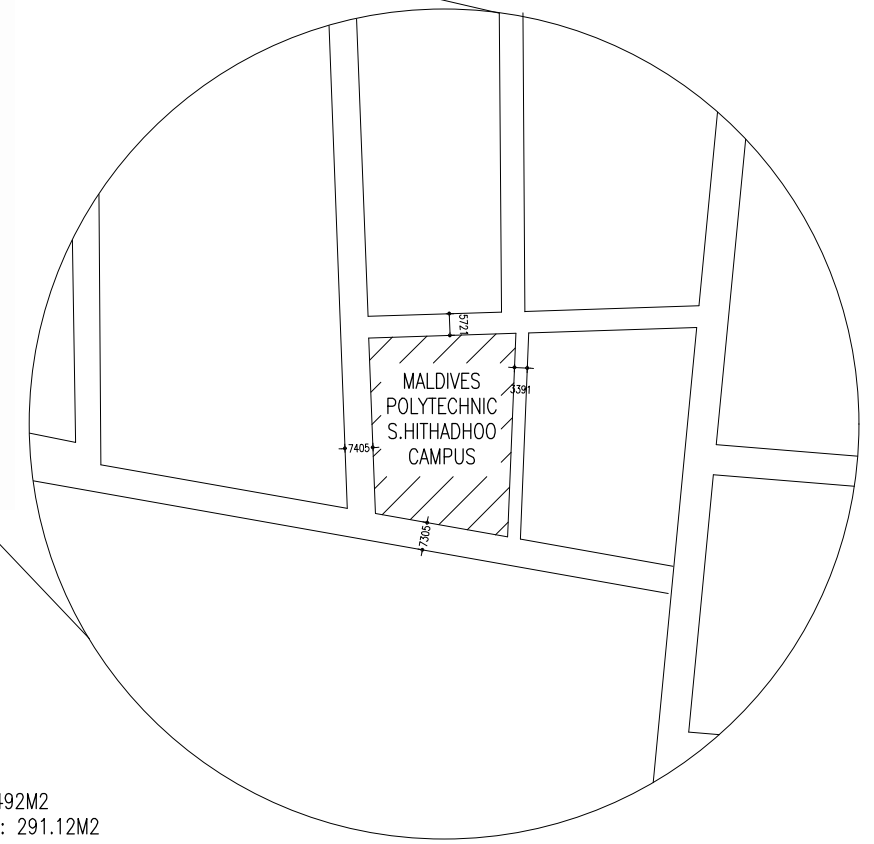
CLIENT : MINISTRY OF HIGHER EDUCATION

DESIGN BY

**ArchEng**  
s t u d i o  
Ma Fiyajahge, 1st floor, Male', Republic of Maldives  
admin@archeng.biz



SOURCE : S.HITHADHOO LANDUSE PLAN,  
MINISTRY NATIONAL OF PLANNING, HOUSING AND  
INFRASTRUCTURE



PLOT AREA :1492M2  
BUILDING AREA: 291.12M2

**LOCATION PLAN**  
SCALE 1:200

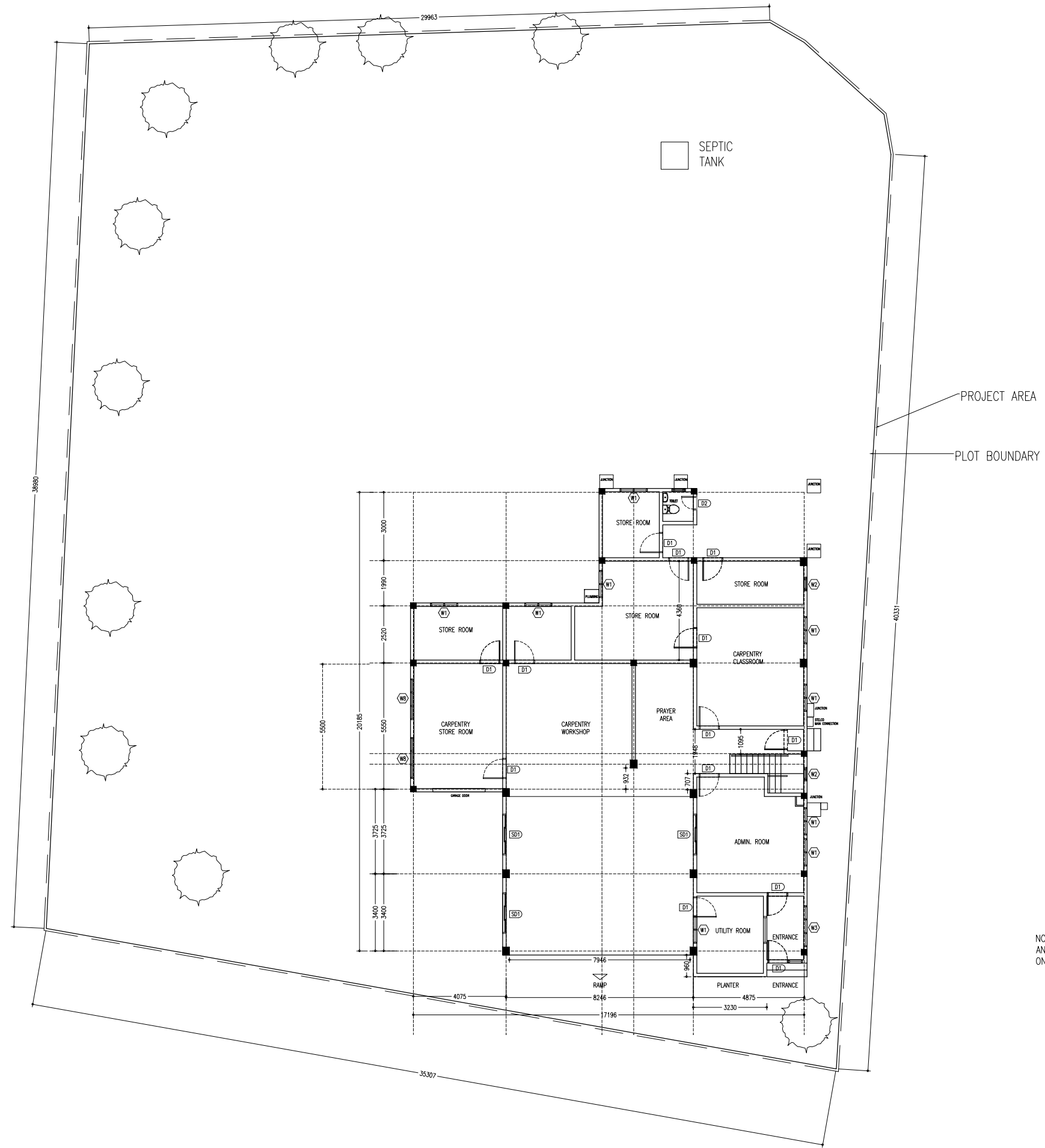
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DRAWINGS. FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS



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	ENGINEER:	LOCATION:	SEENU. HITHADHOO
	ARCHITECTURAL CHECKER:	DRAWING TITLE:	AS GIVEN
	STRUCTURAL CHECKER:	CLIENT:	MINISTRY OF HIGHER EDUCATION
	DRAWN BY: AISHATH HAMRA	SCALE: AS GIVEN	DIMENSION: MM
		DATE: SEPTMBER 2021	

**A-01**

DWG NO  
PROJECT NO: 21-001



**SITE PLAN**  
SCALE 1:200

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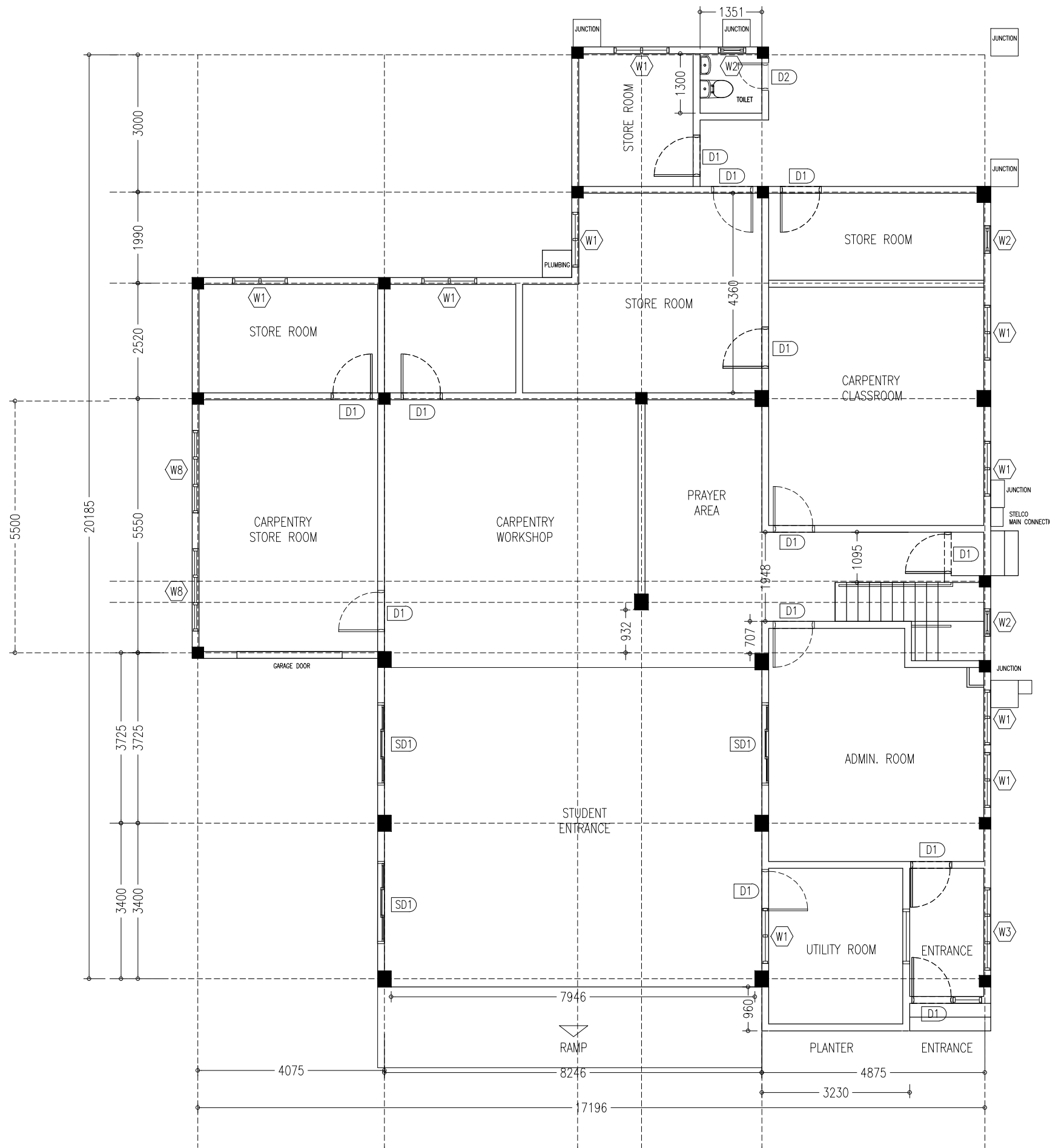


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		DATE: SEPTEMBER 2021	PROJECT NO: 21-001



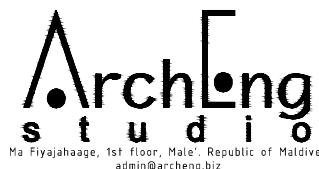
**A-02**

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**GROUND FLOOR PLAN**  
SCALE 1:100

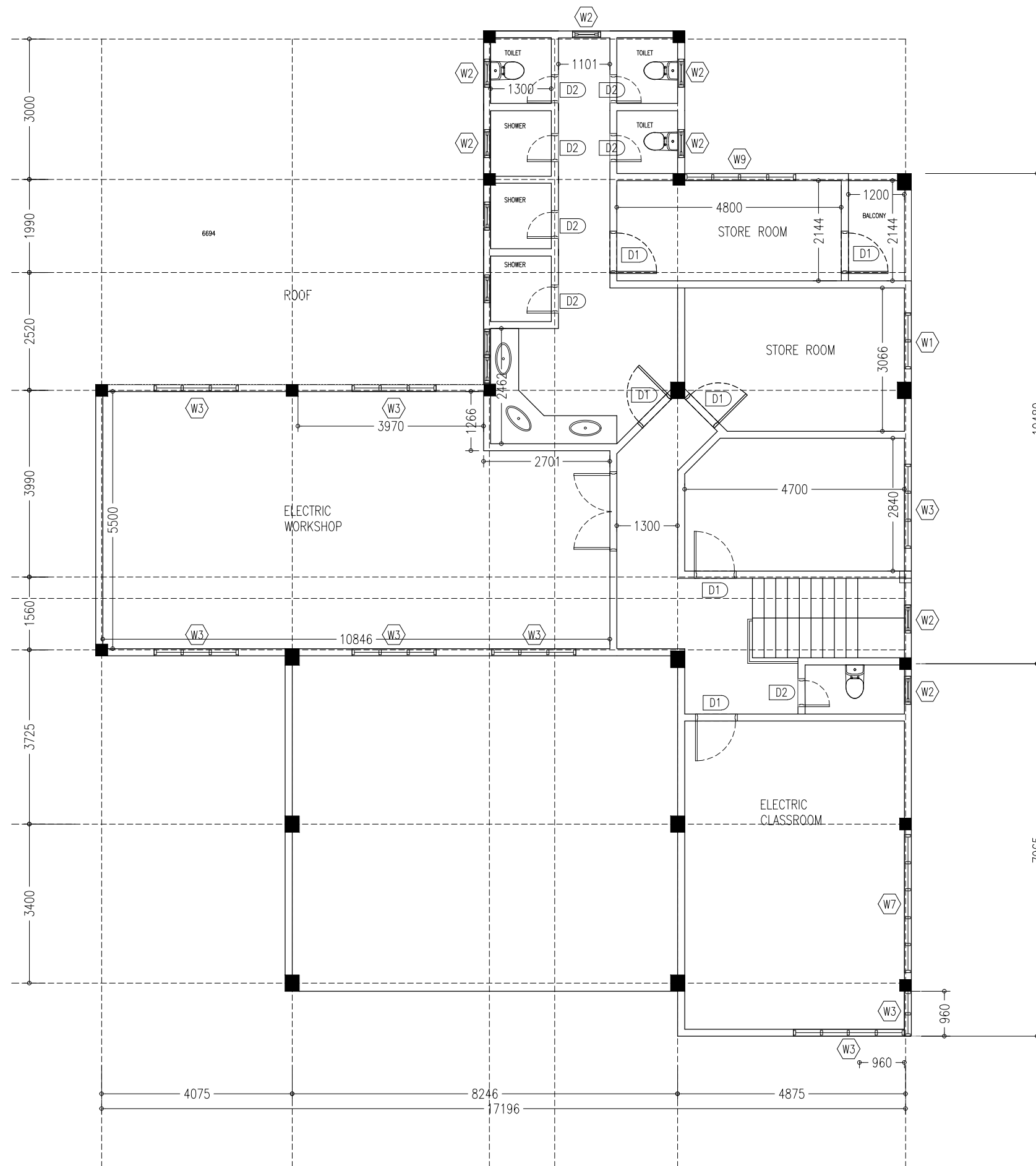
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**A-03**  
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**FIRST FLOOR PLAN**  
SCALE 1:100

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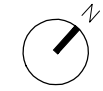
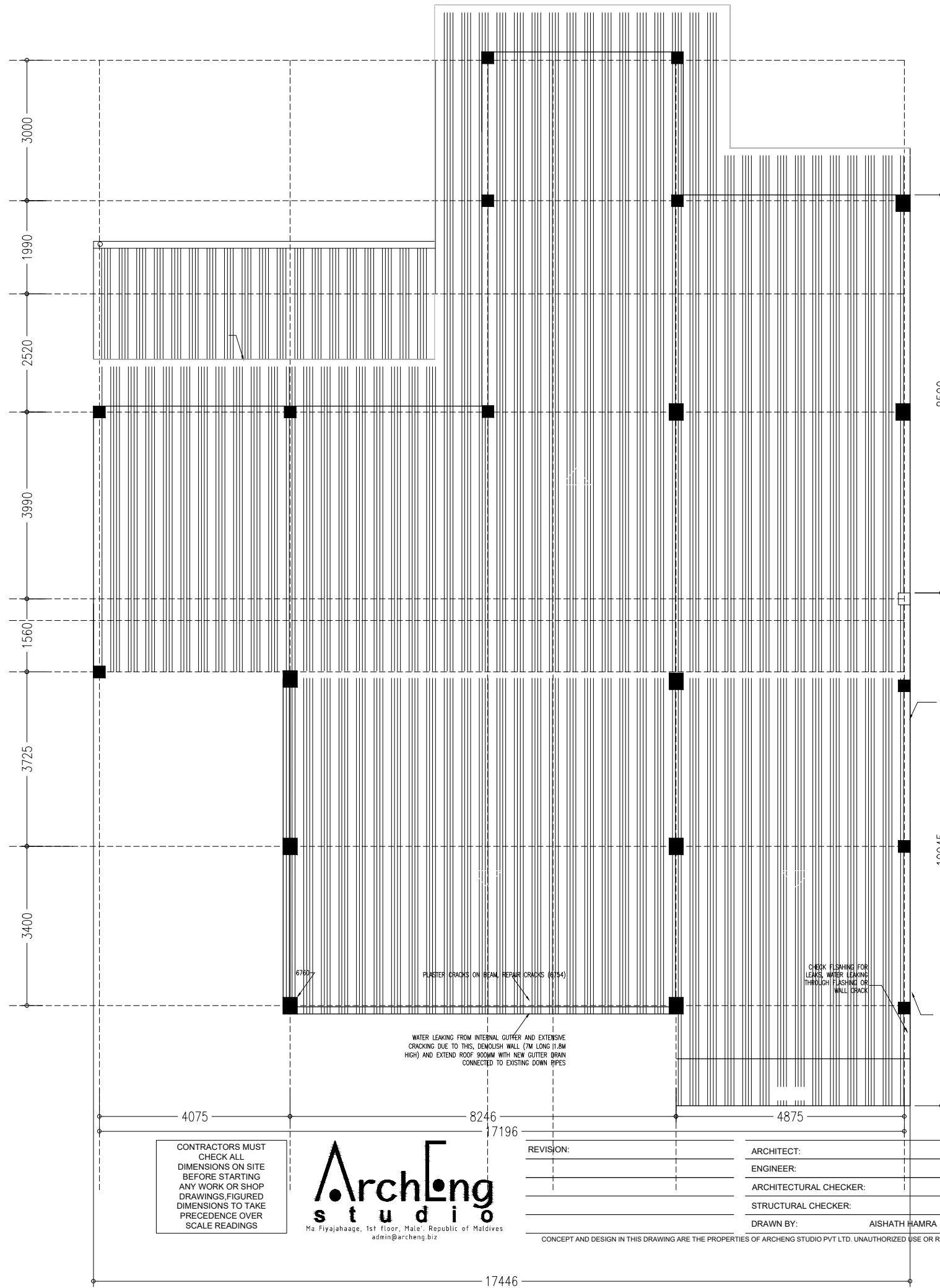


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**A-04**

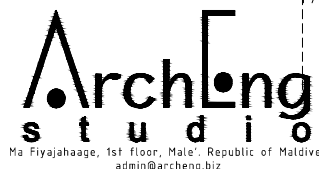
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**ROOF PLAN**  
SCALE 1:100

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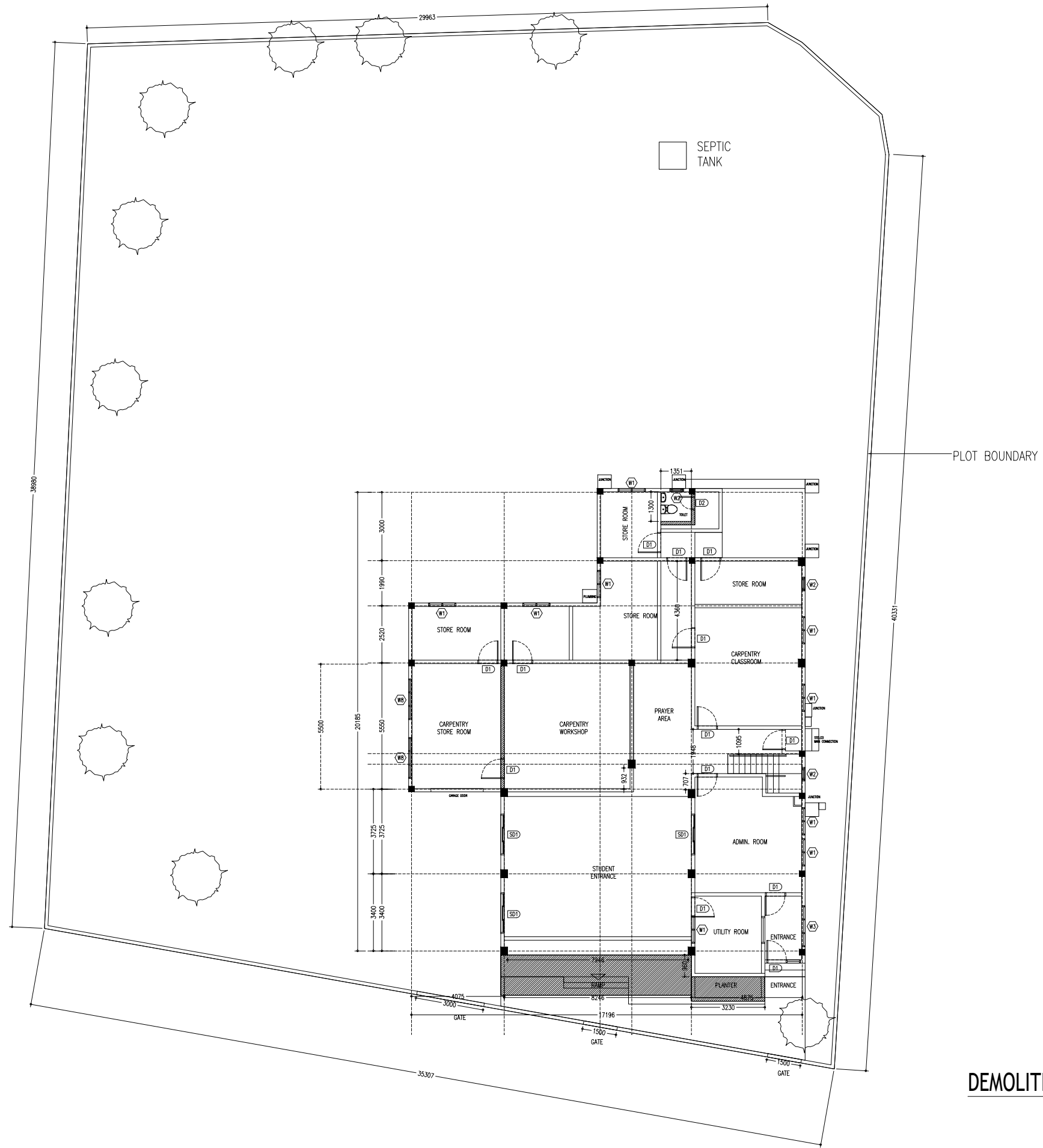


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**DEMOLITION AND NEW WORK PLAN-SITE PLAN**

SCALE 1:200

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



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	DRAWN BY: AISHATH HAMRA	SCALE: AS GIVEN	DIMENSION: MM
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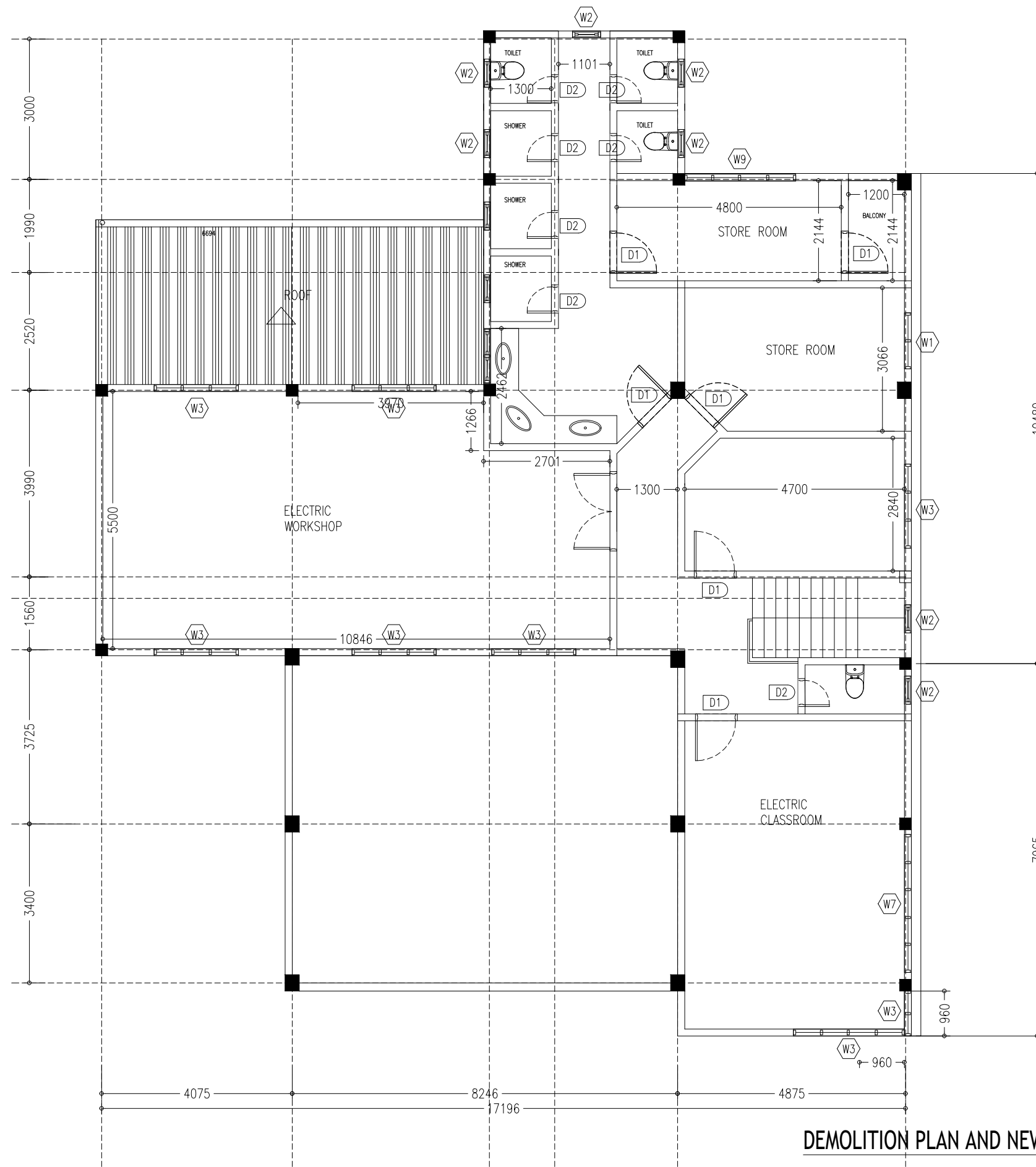
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**DEMOLITION PLAN AND NEW WORK PLAN - FIRST FLOOR**  
SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



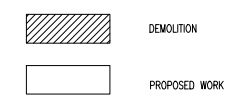
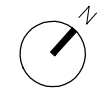
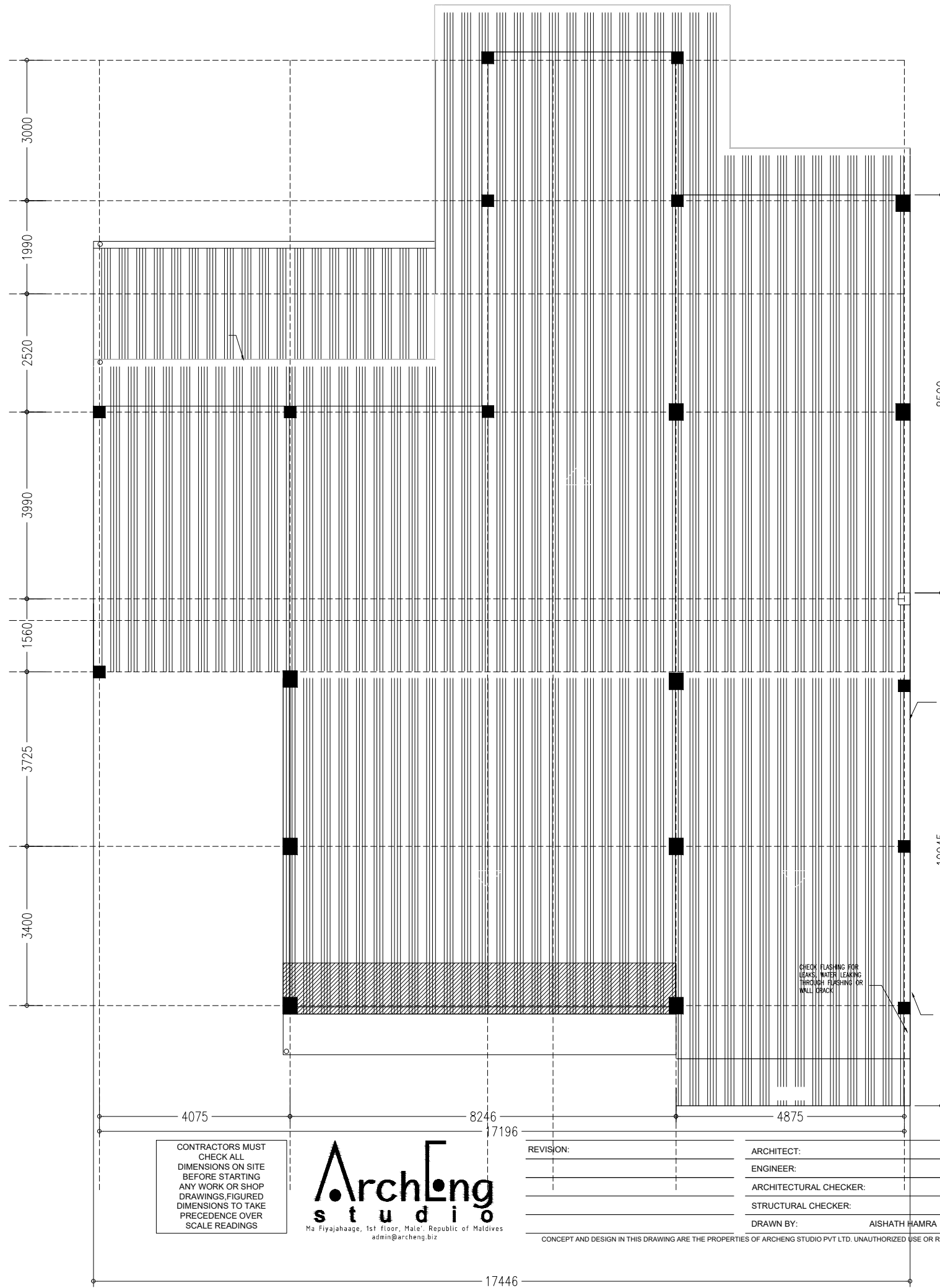
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DRAWN BY: AISHATH HAMRA

PROJECT: MALDIVES POLYTECHNIC, SEENU. HITHADHOO CAMPUS  
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CLIENT: MINISTRY OF HIGHER EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: SEPTMBER 2021

**A-08**

DWG NO  
PROJECT NO: 21-001



**DEMOLITION AND NEW WORK PLAN -ROOF**  
SCALE 1:200

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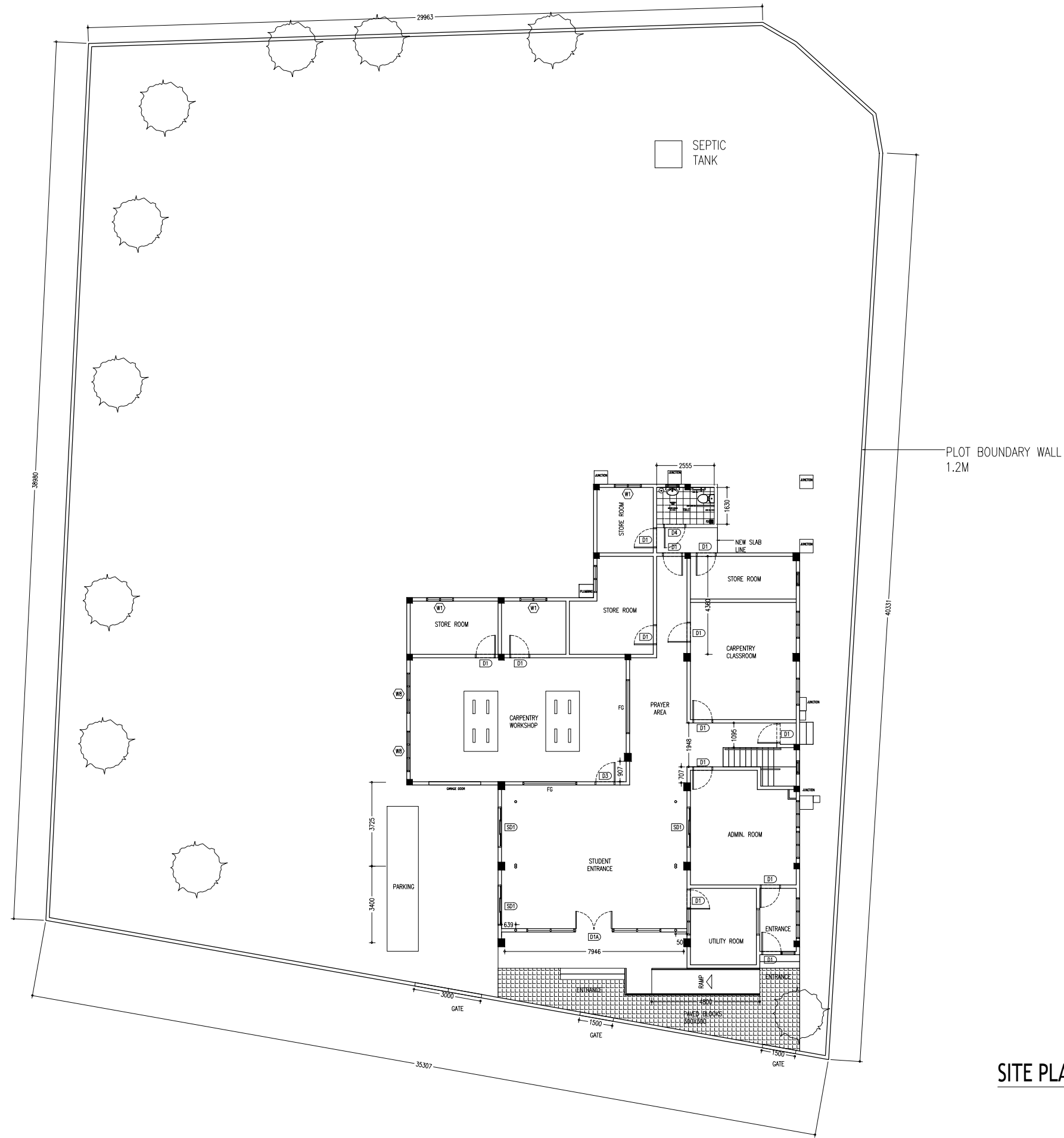


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**A-09**  
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**SITE PLAN - PROPOSED PLAN**  
SCALE 1:200

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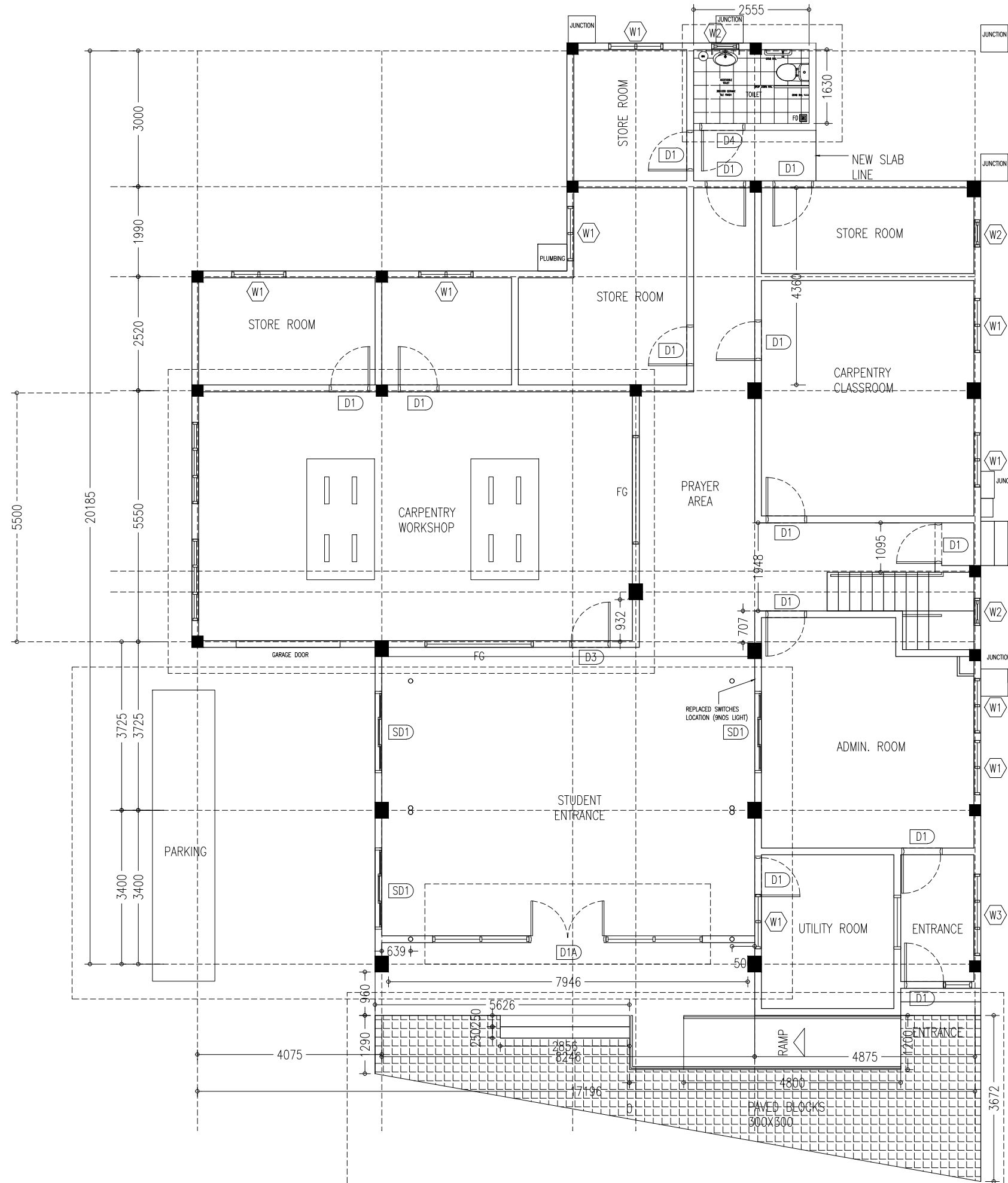
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LOCATION: SEENU. HITHADHOO
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**A-10**

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**GROUND FLOOR PLAN - PROPOSED PLAN**  
SCALE 1:100

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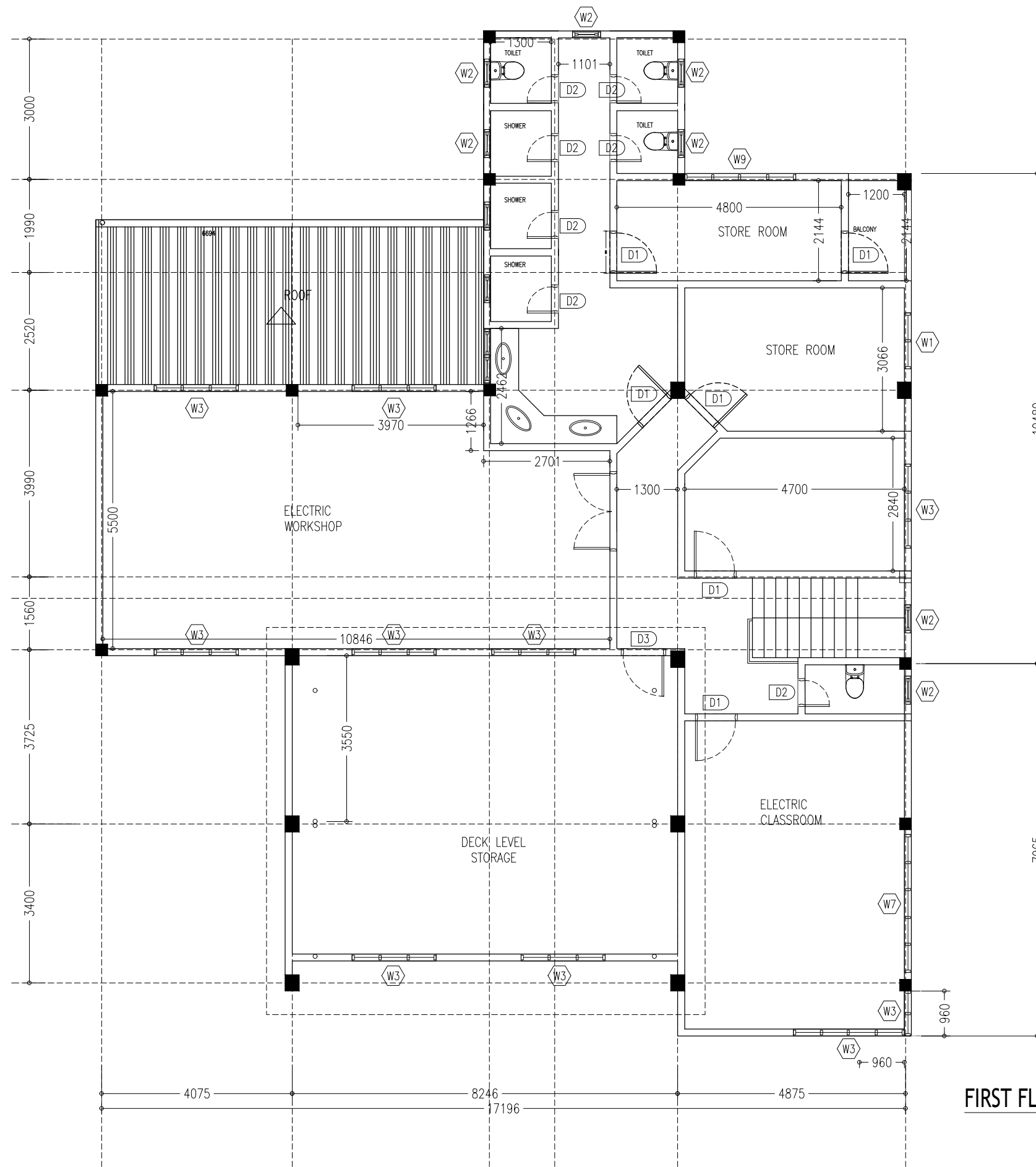


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PROJECT NO:	21-001

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**FIRST FLOOR PLAN - PROPOSED PLAN**  
SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

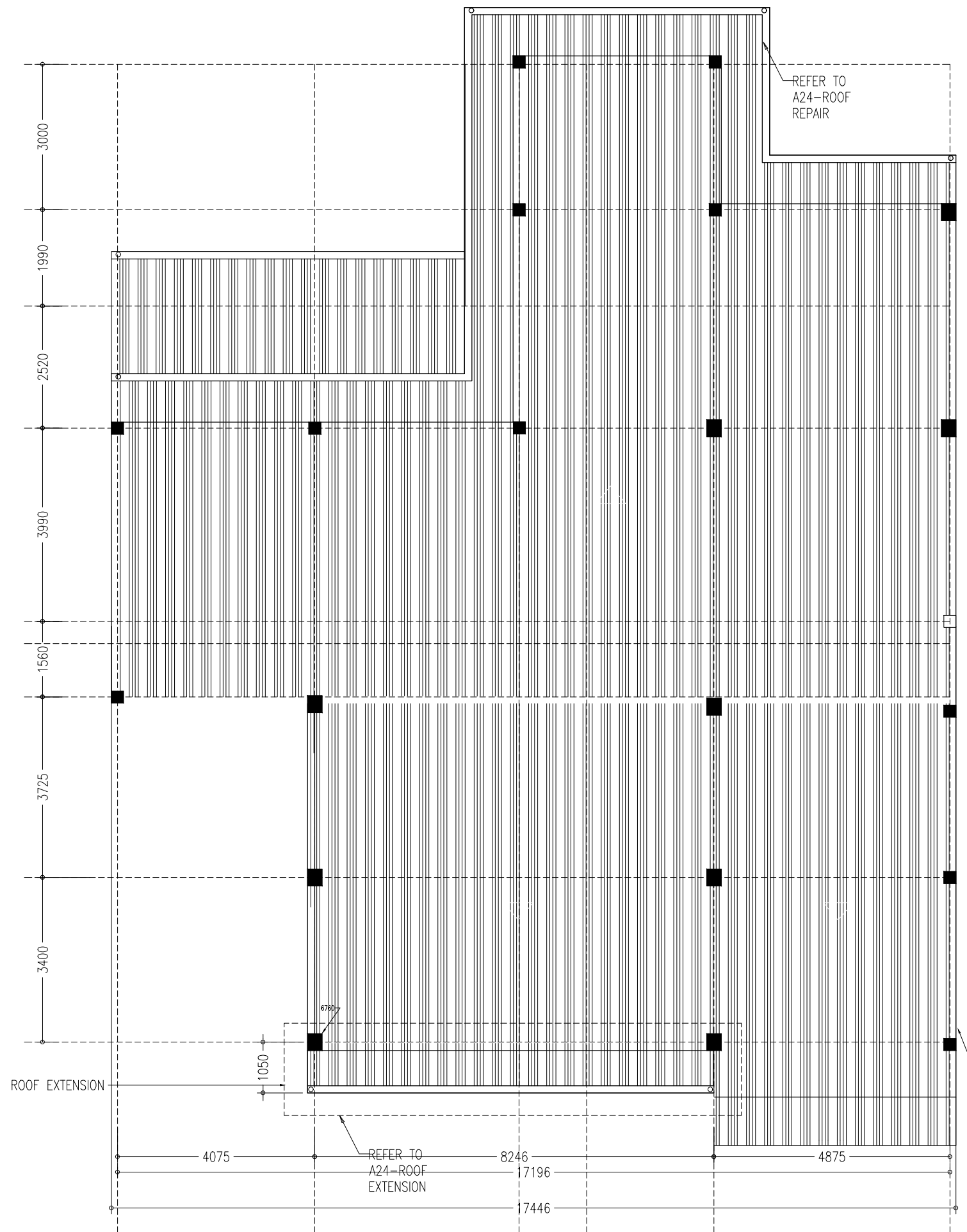


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<b>A-12</b>
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**ROOF PLAN - PROPOSED PLAN**  
SCALE 1:200

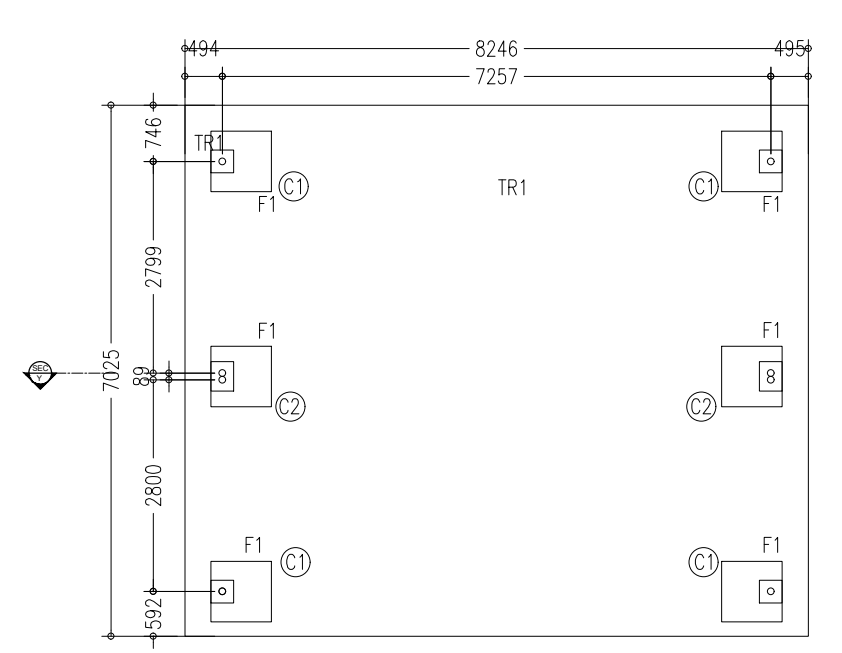
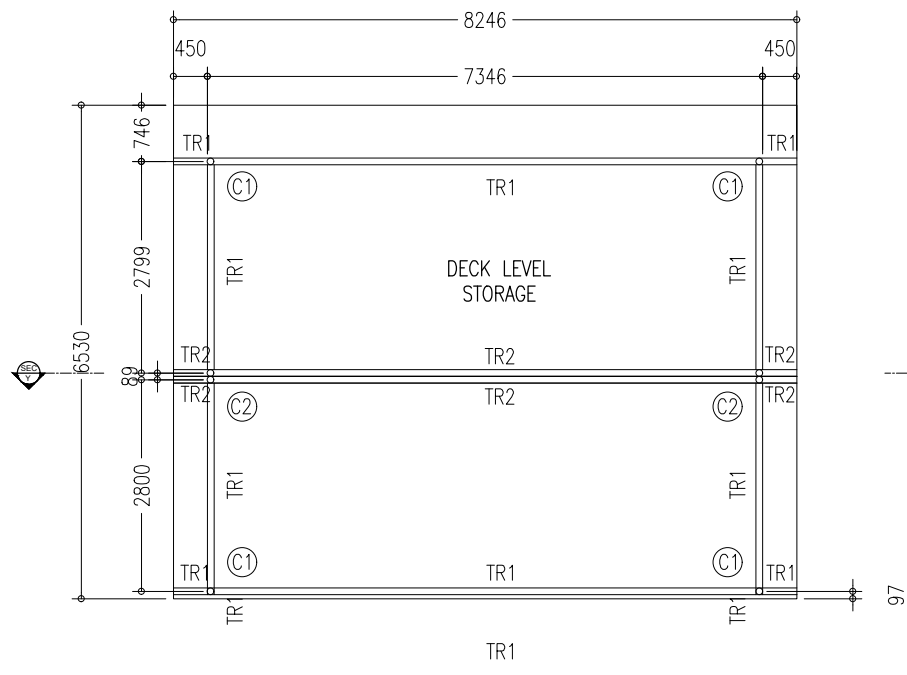
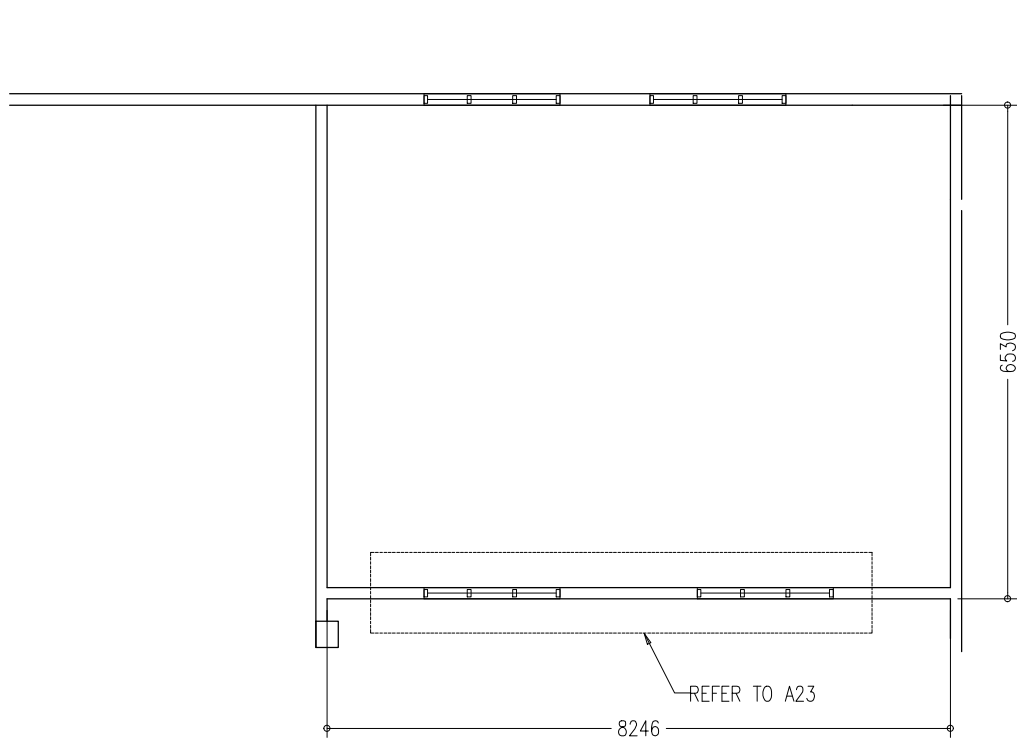
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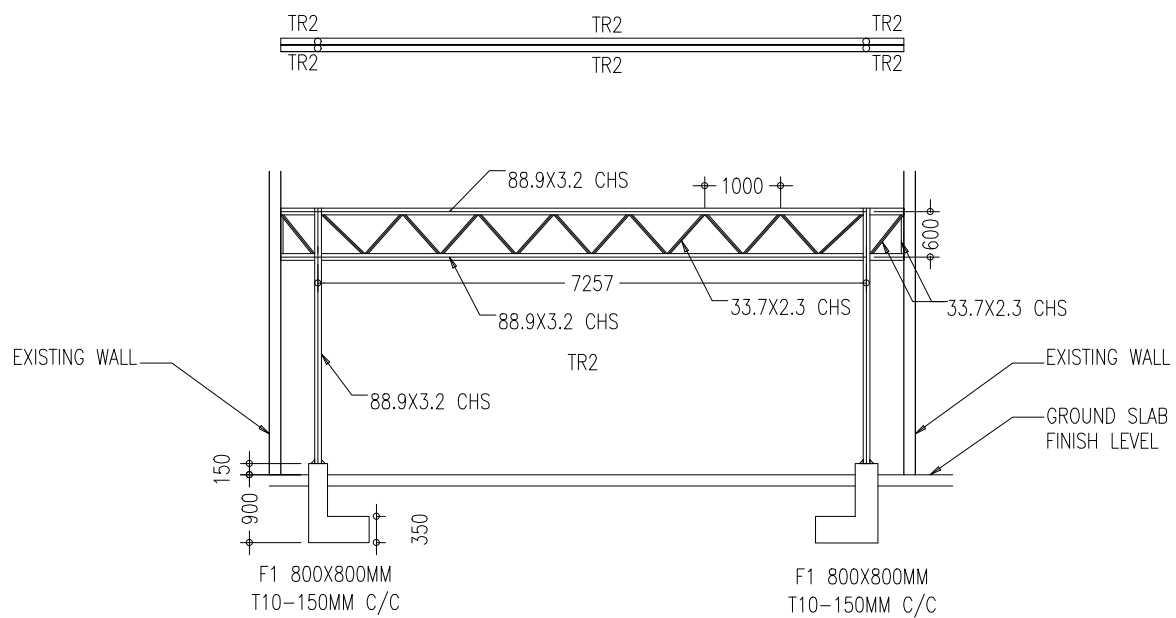
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**A-13**  
DWG NO  
PROJECT NO: 21-001

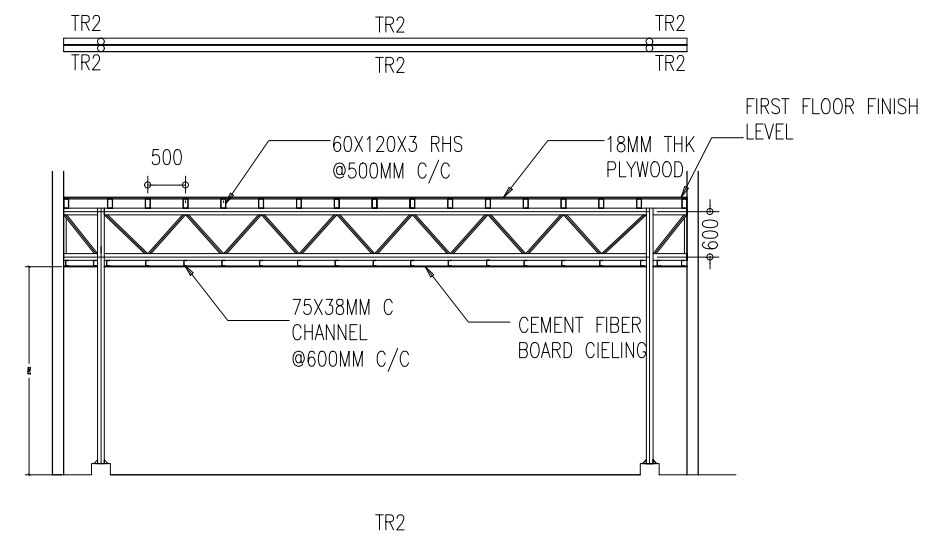
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**DECK STRUCTURE PLAN**  
SCALE 1:100



**TRUSS PLAN SECTION Y**  
SCALE 1:100



**DECK STRUCTURE PLAN**  
SCALE 1:100

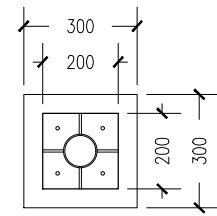
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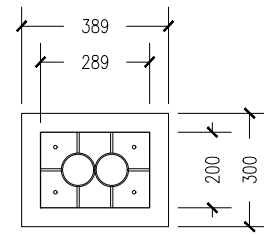
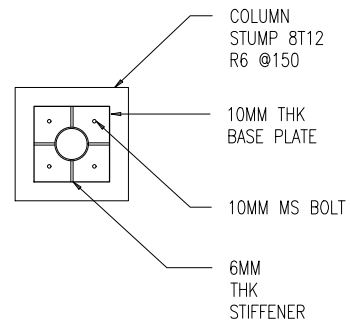
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**A-14**  
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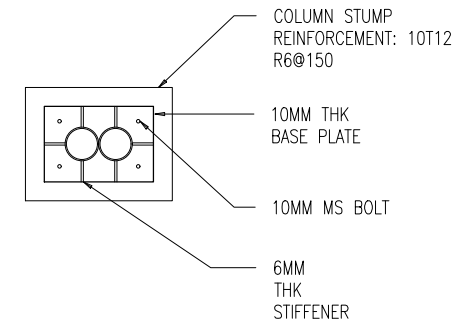
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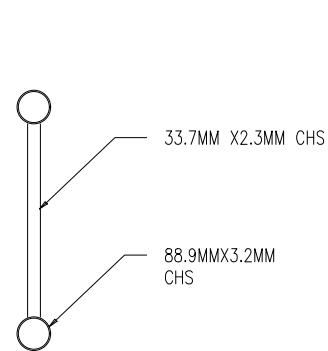
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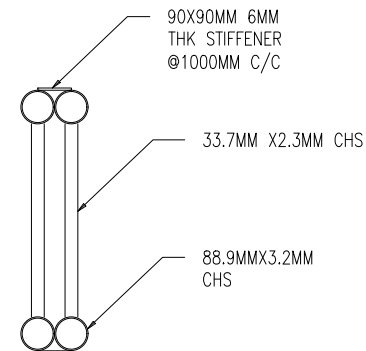
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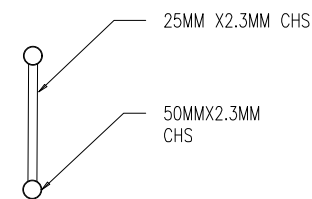
**COLUMN DETAIL**  
SCALE 1:20



TR1



TR2



TR3

NOTE:- WELDED TO EXISTING TRUSS FOR WALL SUPPORT DEPTH OF TRUSS IS EQUAL TO EXISTING ROOF TRUSS

**TRUSS DETAIL**  
SCALE 1:20

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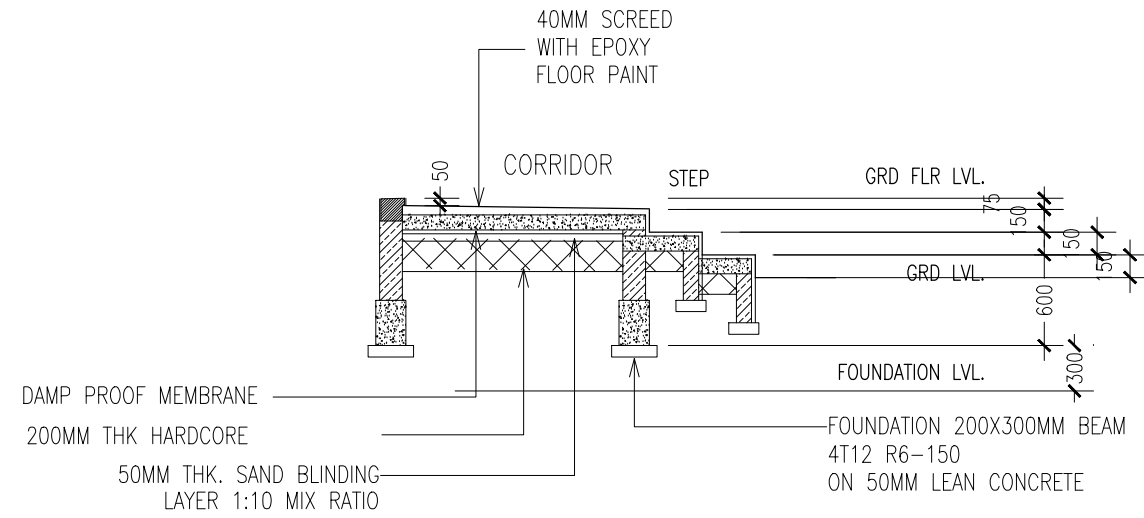
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**A-15**

DWG NO

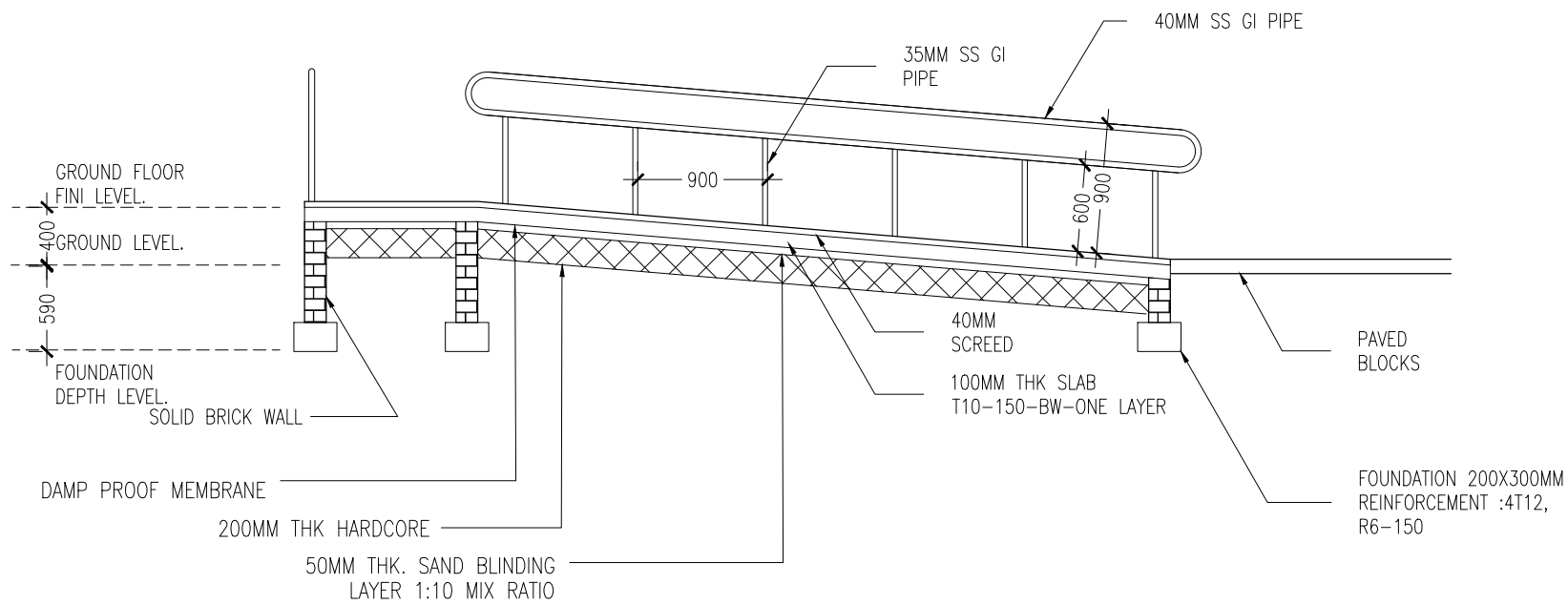
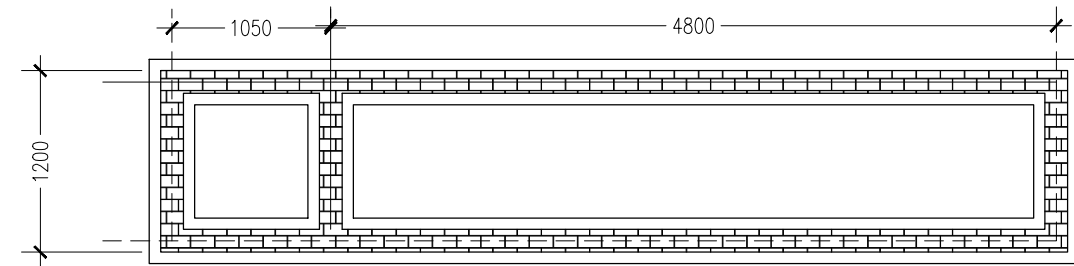
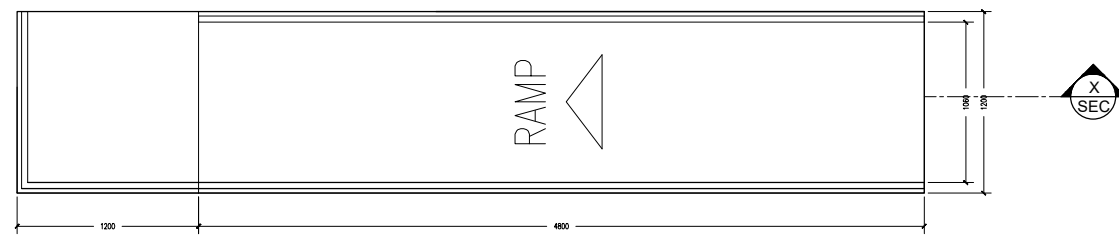
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**GROUND SLAB PLAN**

SCALE 1:50



**RAMP DETAIL PLAN**

SCALE 1:50

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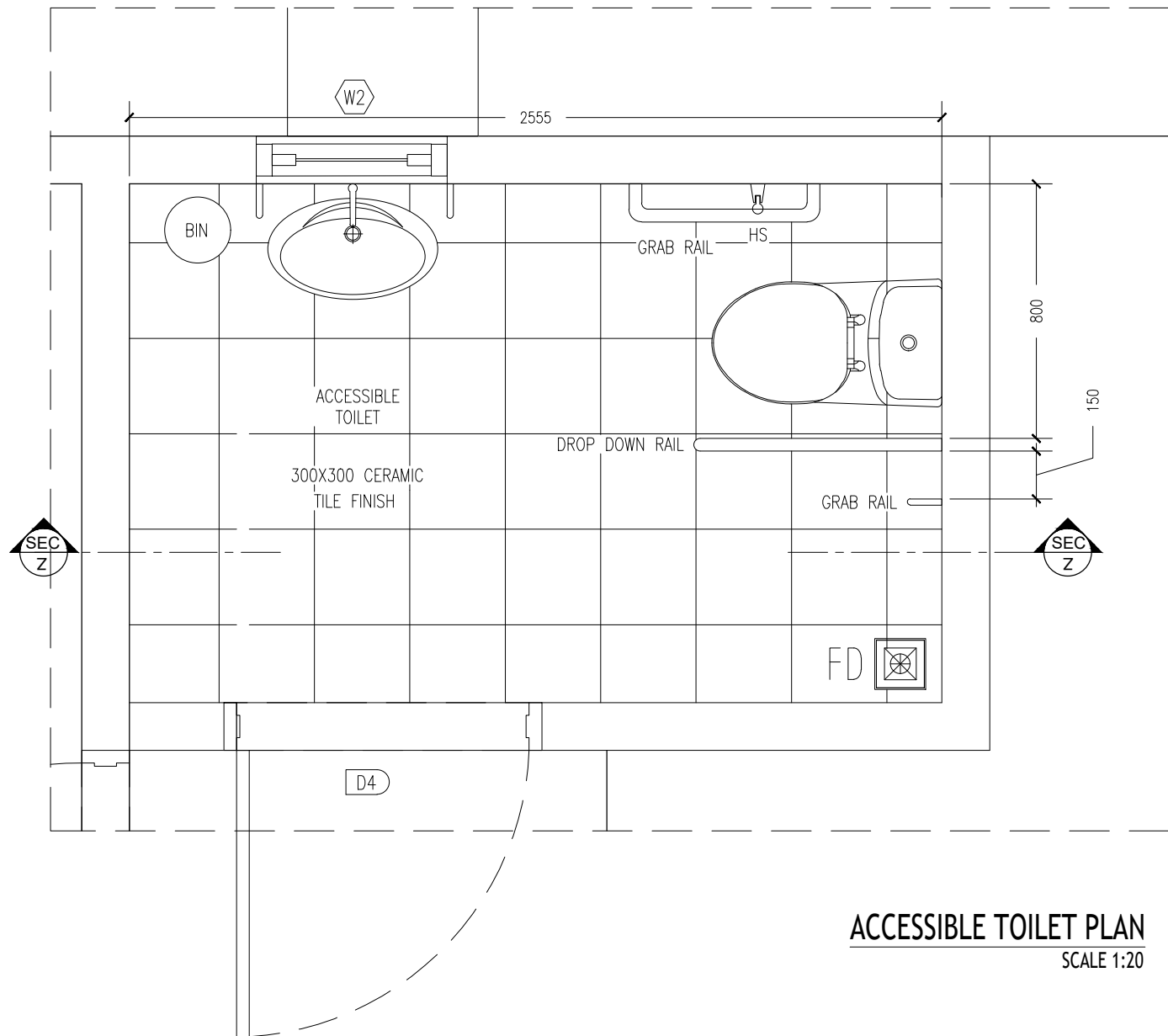
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**A-16**

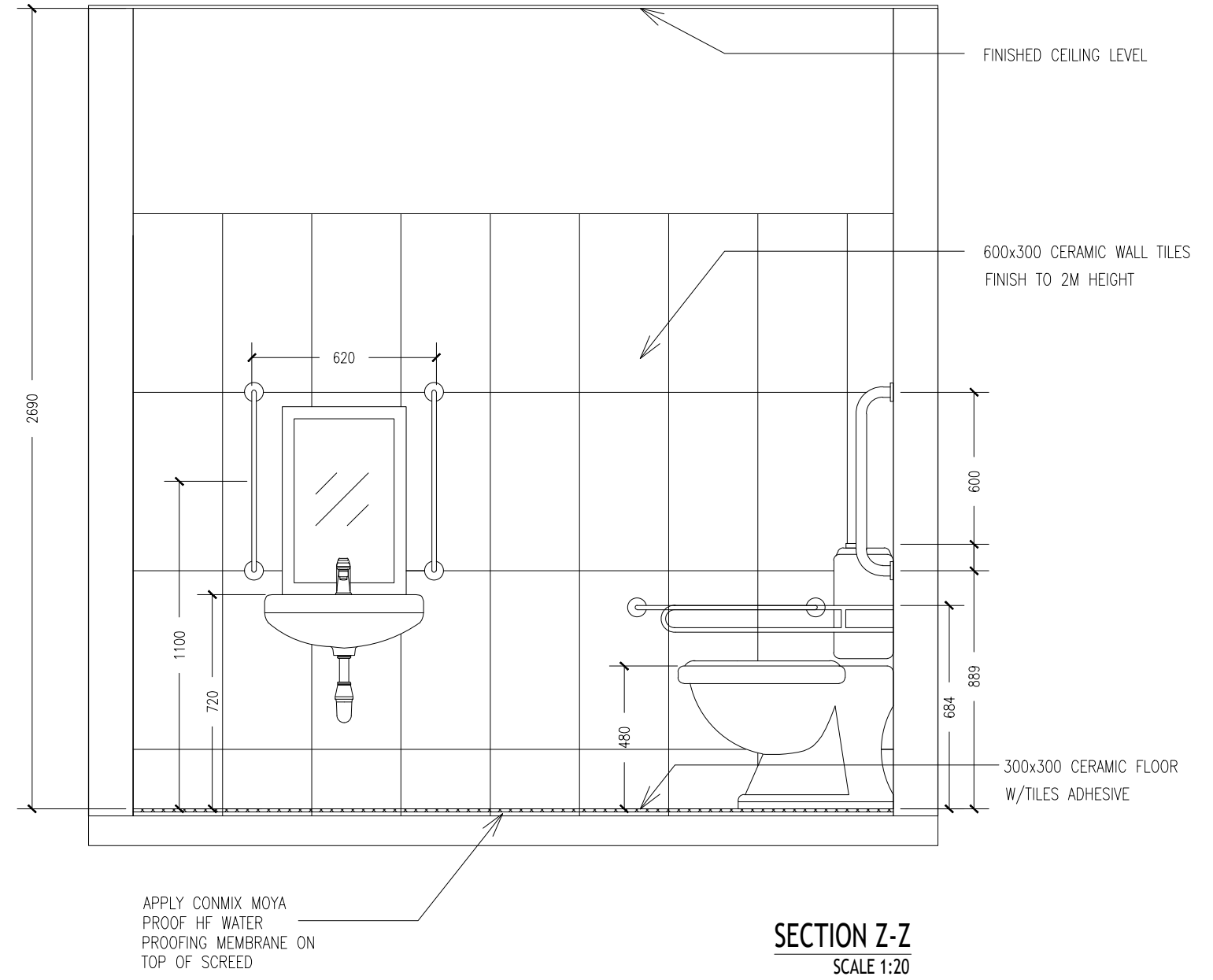
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**ACCESSIBLE TOILET PLAN**  
SCALE 1:20



**SECTION Z-Z**  
SCALE 1:20

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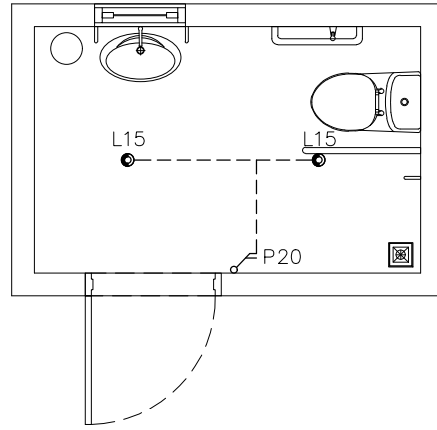


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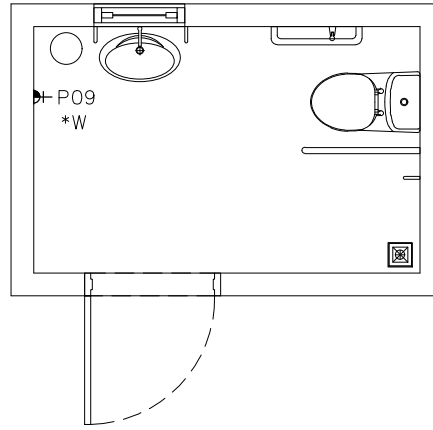
**A-17**

DWG NO  
PROJECT NO: 21-001

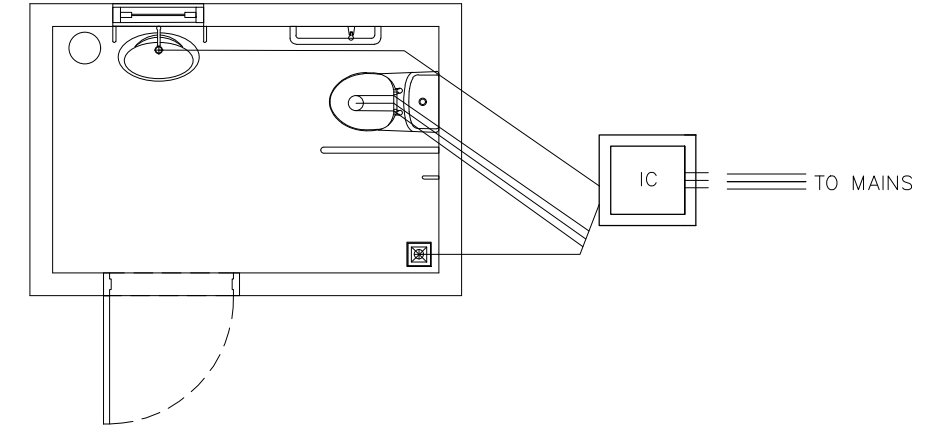
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**ACCESSIBLE TOILET LIGHTING LAUOUT PLAN**  
SCALE 1:50



**ACCESSIBLE TOILET SOCKET LAUOUT PLAN**  
SCALE 1:50



**ACCESSIBLE TOILET SEWAGE & WASTE DISPOSAL PLAN**  
SCALE 1:50

**LIGHTING LEGEND**

●	L15	1X16W ENERGY SAVING SLAB MOUNT WARM COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
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**SWITCHS LEGEND**

⏏	P20	2GANG 1 WAY SWITCH
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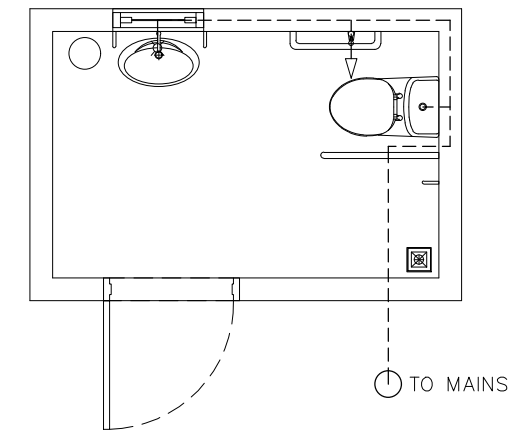
**ELECTRICAL LEGEND**

SYMBOL	CODE	DESCRIPTION
⏏	P09	1 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL

\*W SOCKET INSTALLED INSIDE WEATHER PROOF COVER

**LEGEND**

SYMBOL	DESCRIPTION
↗	TAP
→	MUSLIM SHOWER
-----	WATER SUPPLY (ø12-ø35)
⊠	FLOOR DRAIN
———	UPVC HIGH PRESSURE WASTE WATER PIPE (ø75-ø100)
≡≡≡	SEWAGE DISPOSAL (ø100-ø150)
IC	INSPECTION CHAMBER



**ACCESSIBLE TOILET FRESH WATER SUPPLY PLAN**  
SCALE 1:50

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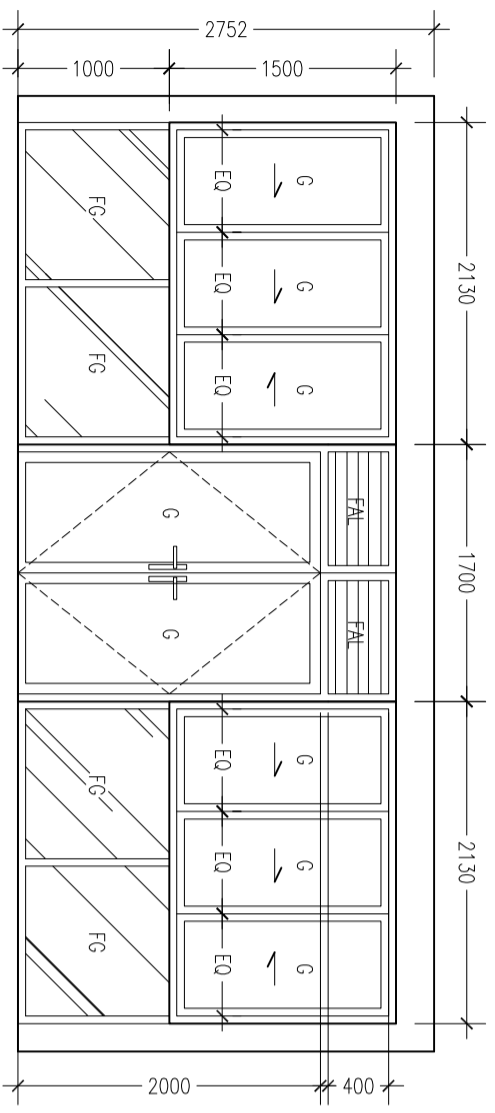
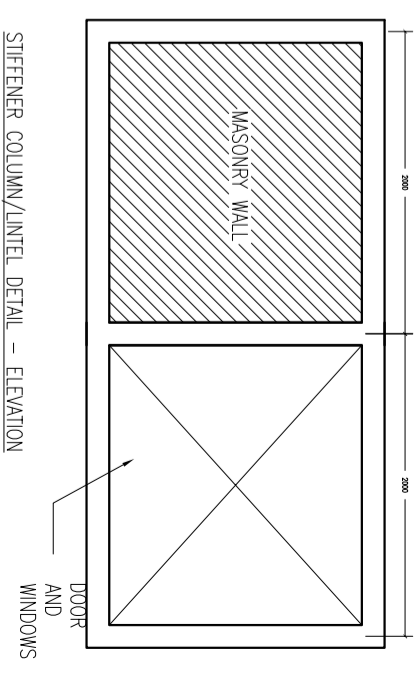
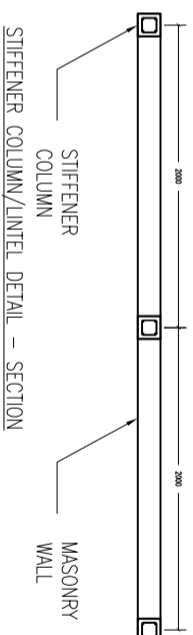
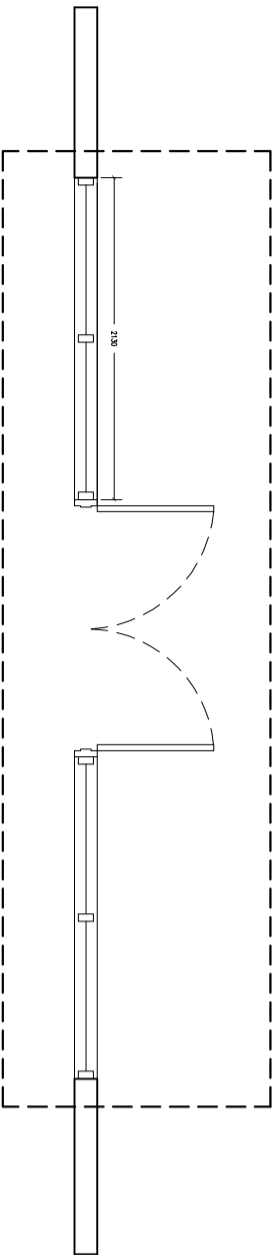


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**A-18**

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**PROPOSED ENTRANCE**  
SCALE 1:50

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	ASHATHI HAMRA	DIMENSION:	MM
		DATE:	SEPTEMBER 2021
		PROJECT NO.:	21-001

**A-19**

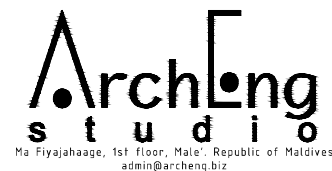
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ELEVATIONS :			
	FINISH FLOOR LEVEL		
DR / WD NO.	D1A	D3	D4
DESCRIPTION :	40MM THICK OPENABLE ALUMINIUM DOOR PANEL WITH SLIDING WINDOWS AND FIXED GLASS	40MM THICK OPENABLE READY MADE SOLID TIMBER DOOR PANELS	40MM THICK OPENABLE ALUMINIUM DOOR PANEL
FRAME :	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	120MM TIMBER FRAME	120MM TIMBER FRAME
HARDWARE :	DOOR CLOSER LOCK BUTT HINGE STOPPER HOLDER	01 NO. OPENABLE DOOR PANEL 04 NOS. HINGES 01 NO. LOCK	DOOR CLOSER LATCH LOCK AND SS DOOR HANDLE BUTT HINGE STOPPER HOLDER
GLAZING :	6MM THICK CLEAR GLASS	-	-

### PROPOSED DOOR/WINDOW SCHEDULE

SCALE 1:50

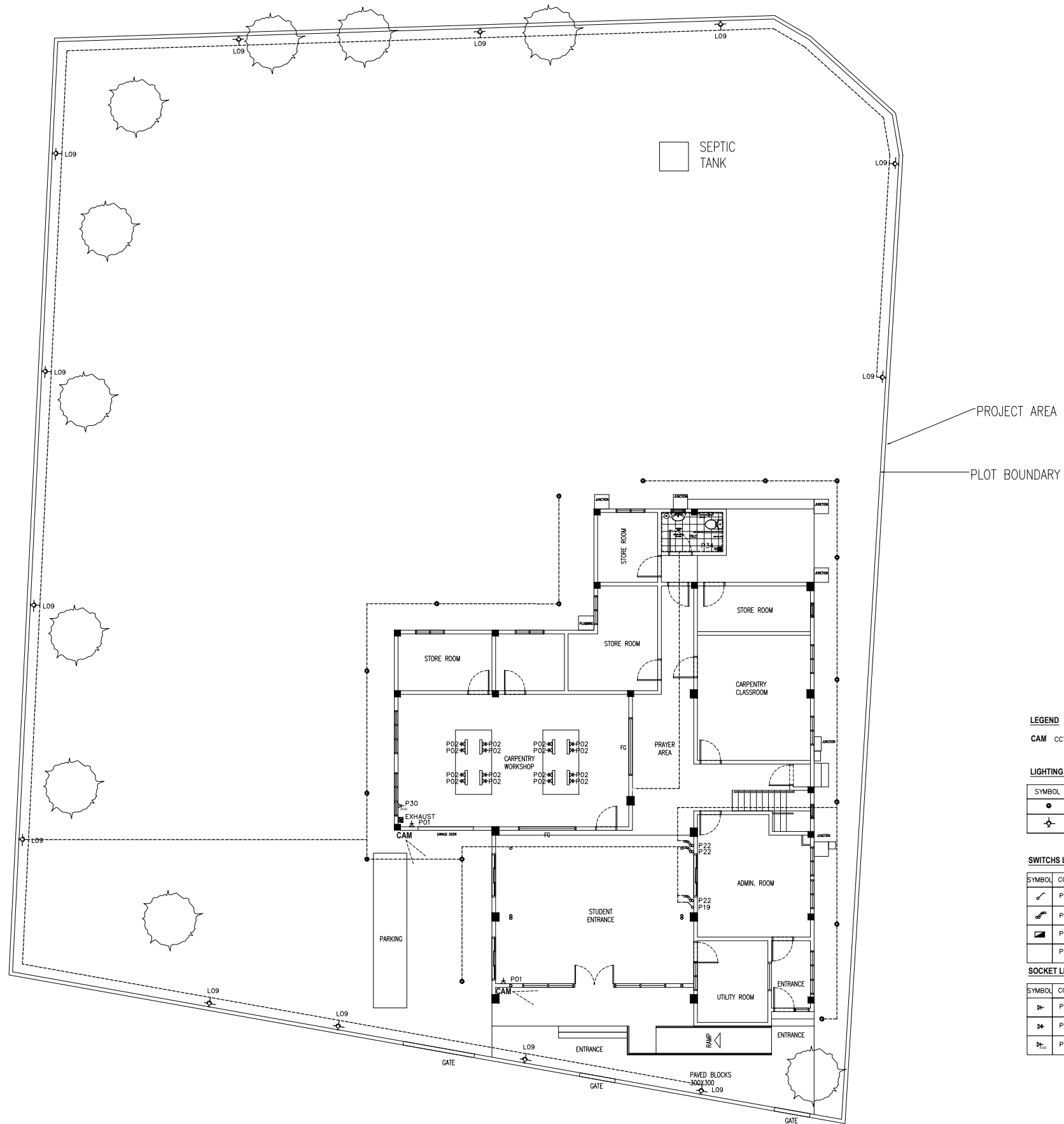
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		DATE: SEPTMBER 2021	PROJECT NO: 21-001

**A-20**

DWG NO



**LEGEND**

**CAM** CCTV CAMERA

**LIGHTING LEGEND**

SYMBOL	CODE	DESCRIPTION
●		WHITE LED GARDEN LIGHT
⊕	L09	1X26W COMPACT FLUORESCENT LAMPS IN SURFACE MOUNT DECORATIVE LUMINAIRE

**SWITCHES LEGEND**

SYMBOL	CODE	DESCRIPTION
⎓	P19	1 GANG 1 WAY SWITCH
⎓	P22	4 GANG 1 WAY SWITCH
⎓	P33	DISTRIBUTION BOARD
⎓	P34	REMOTE INDICATOR ALARM CHORD 300 MM ABOVE FLOOR FINISH LEVEL

**SOCKET LEGEND**

SYMBOL	CODE	DESCRIPTION
⎓	P01	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
⎓	P02	2 GANG13A SOCKET OUTLET AT GROUND LEVEL
⎓	P30	1 GANG13A SOCKET OUTLET AT CEILING LEVEL FOR KITCHEN HOOD /EXHAUST - 2.1 METERS FFL

**SITE PLAN - PROPOSED PLAN**

SCALE 1:200

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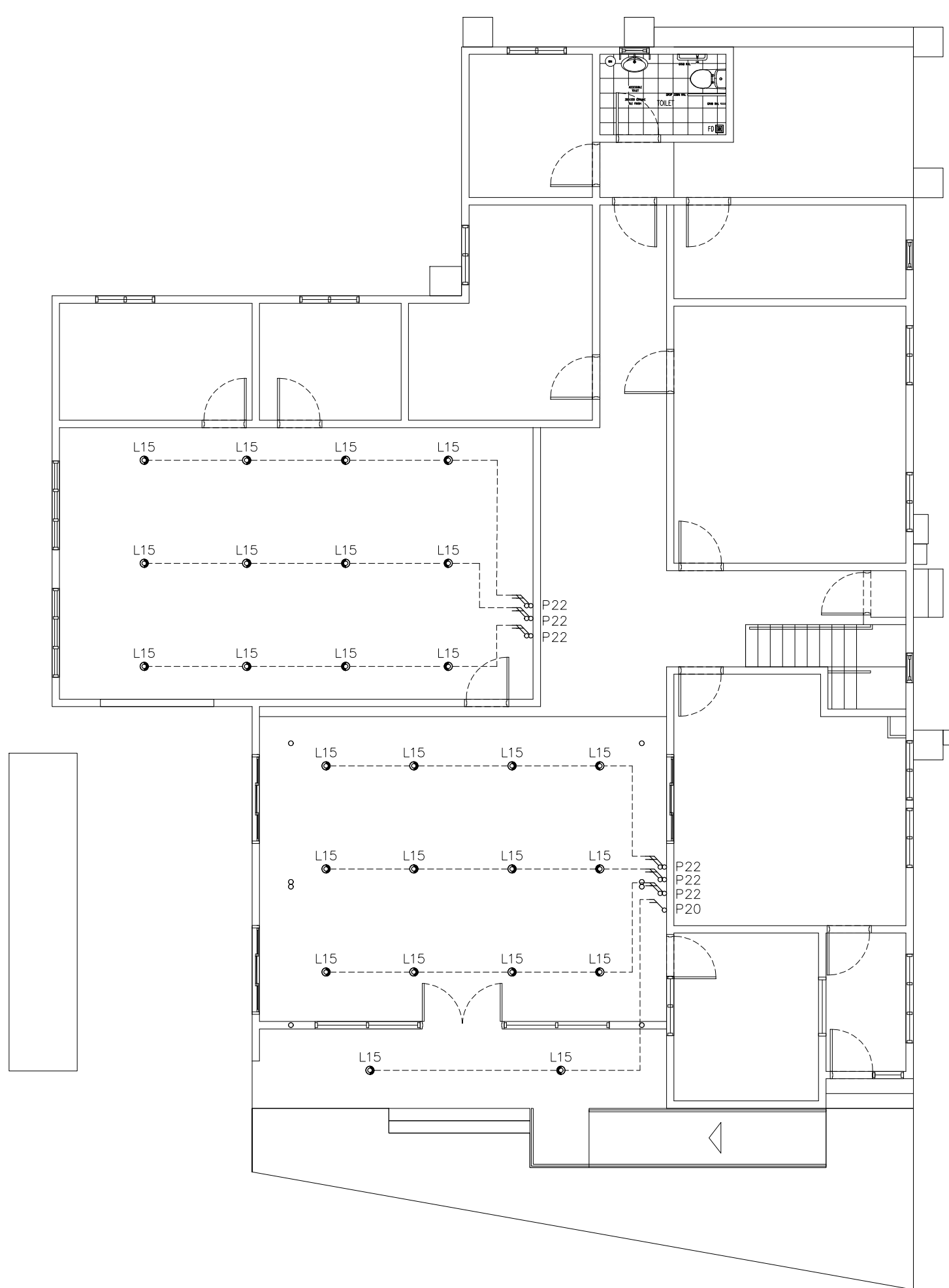
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**A-21**

DWG NO

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**LIGHTING LEGEND**

SYMBOL	CODE	DESCRIPTION
●	L15	1X16W ENERGY SAVING SLAB MOUNT WARM COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE

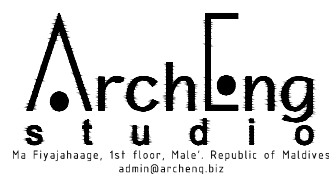
**SWITCHES LEGEND**

SYMBOL	CODE	DESCRIPTION
⌚	P20	2 GANG 1 WAY SWITCH
⌚	P22	4 GANG 1 WAY SWITCH

**GROUND FLOOR PLAN - PROPOSED PLAN**

SCALE 1:100

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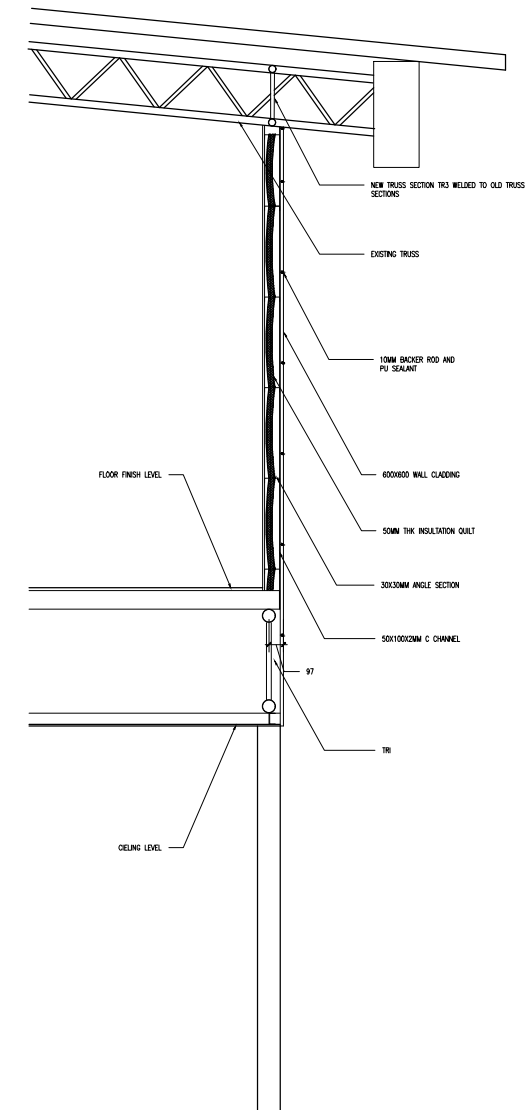
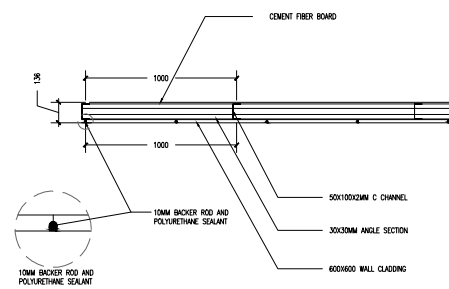
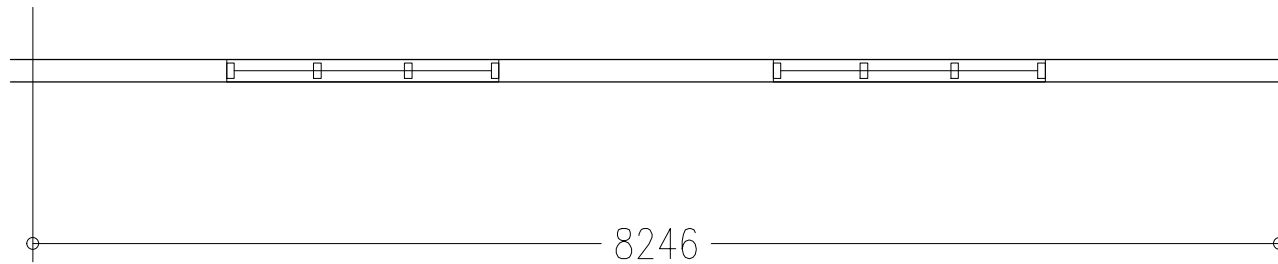


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**A-22**  
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**DECK LEVEL EXTERIOR WALL AND CLADDING DETAIL**  
SCALE 1:50

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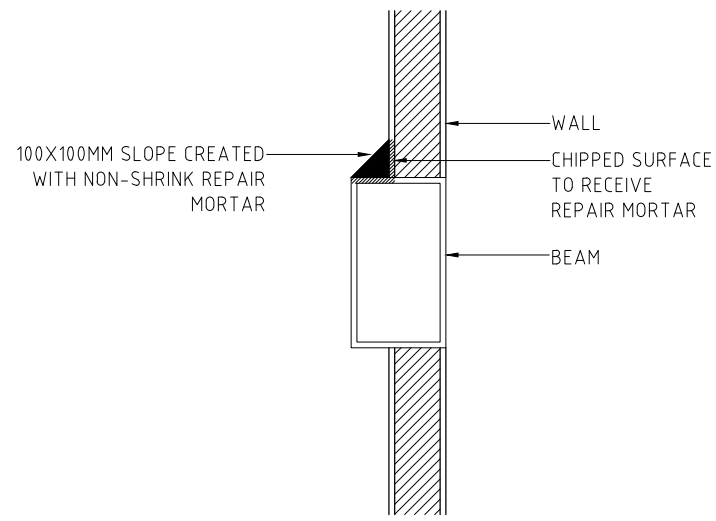
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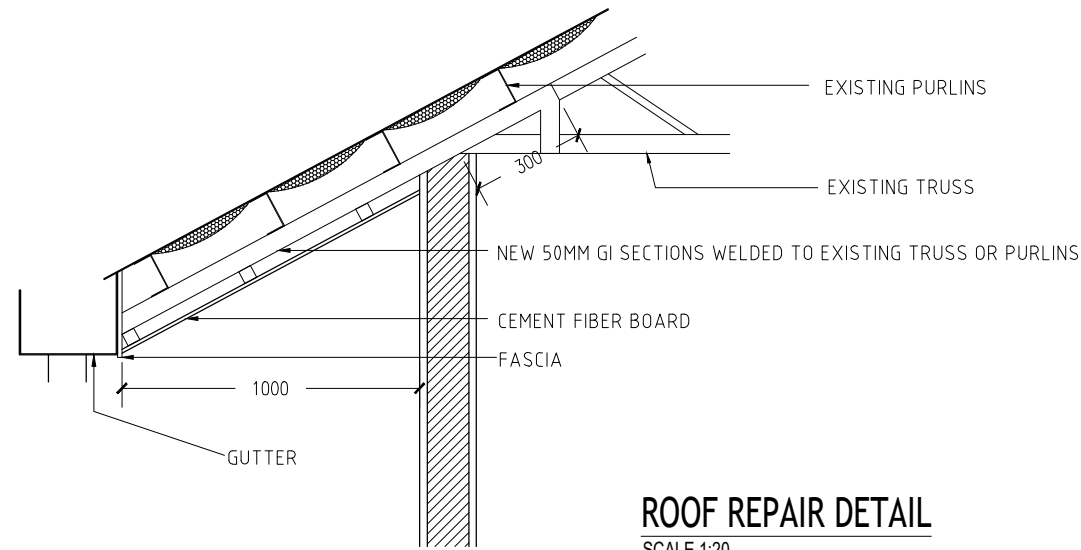
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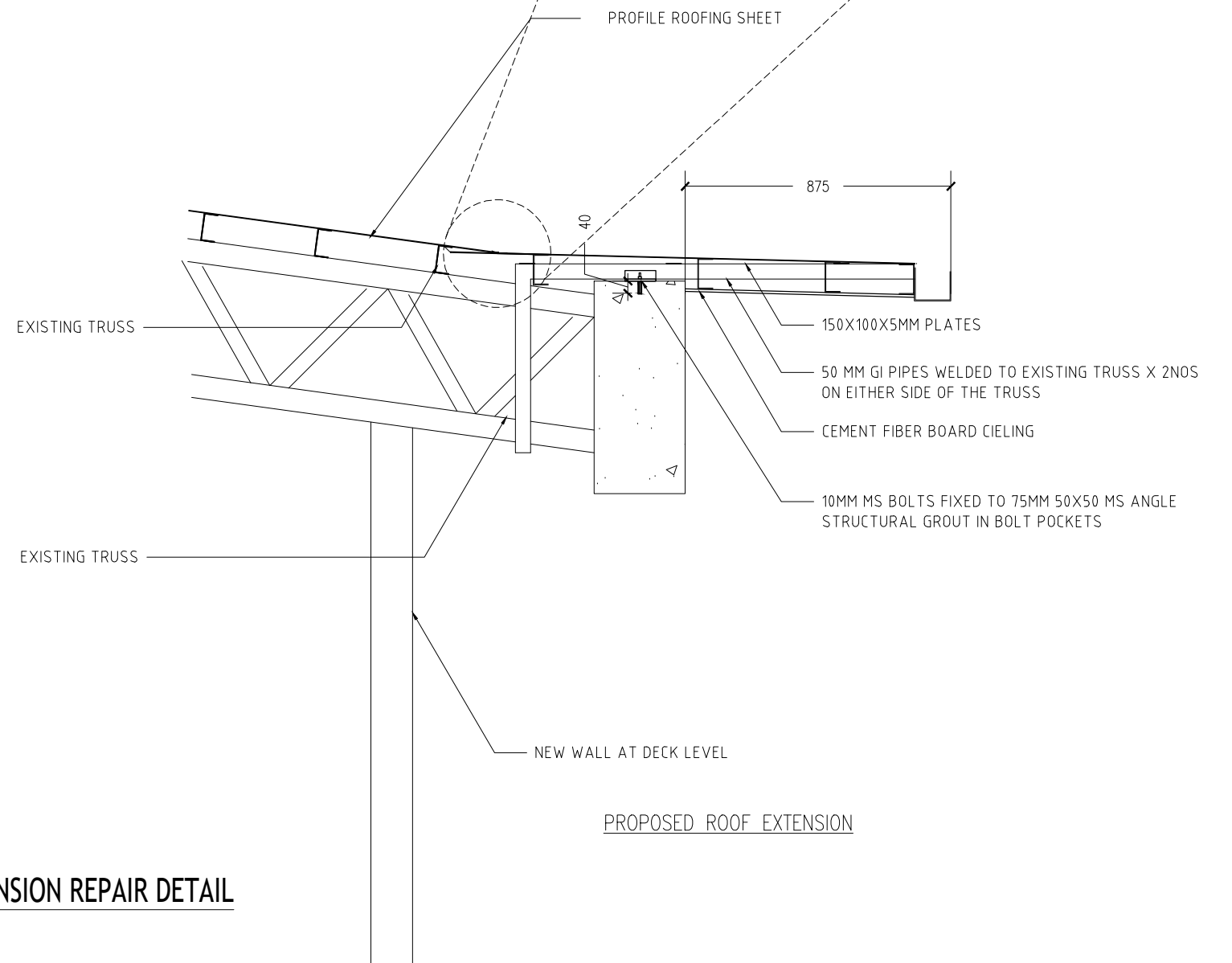
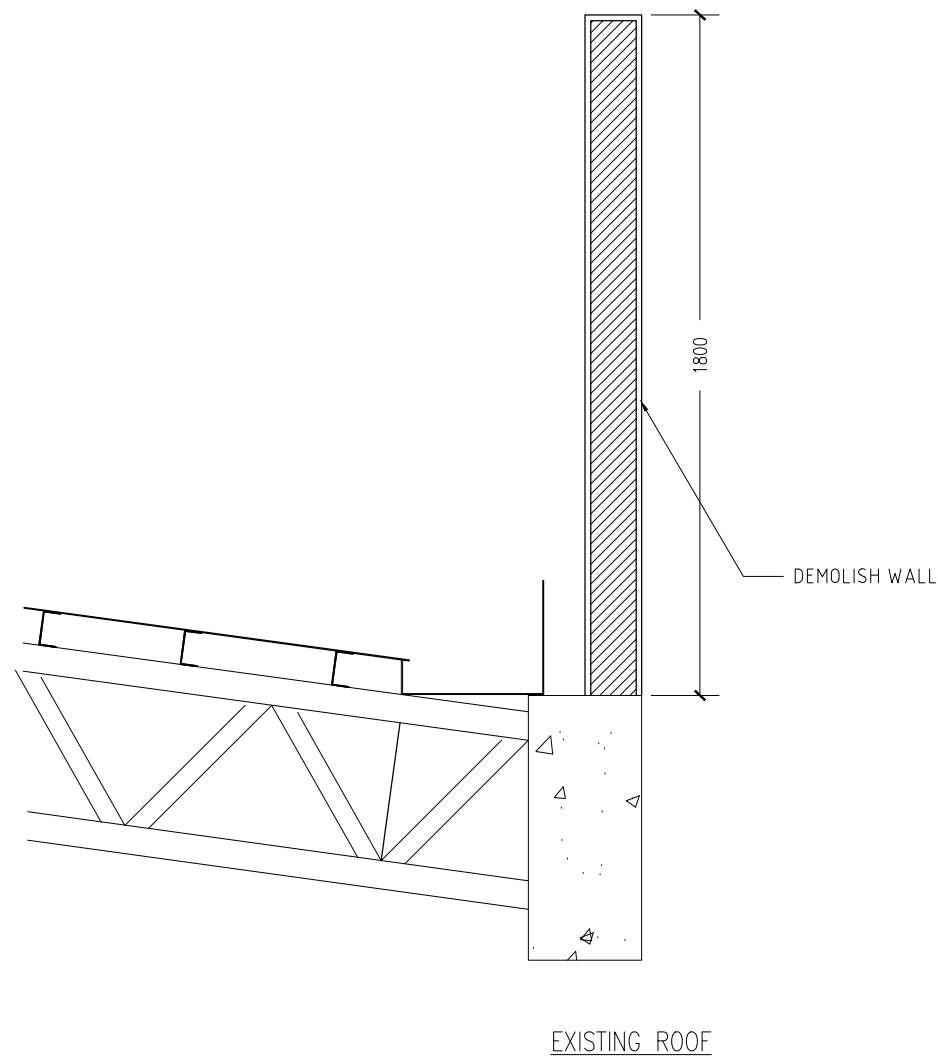
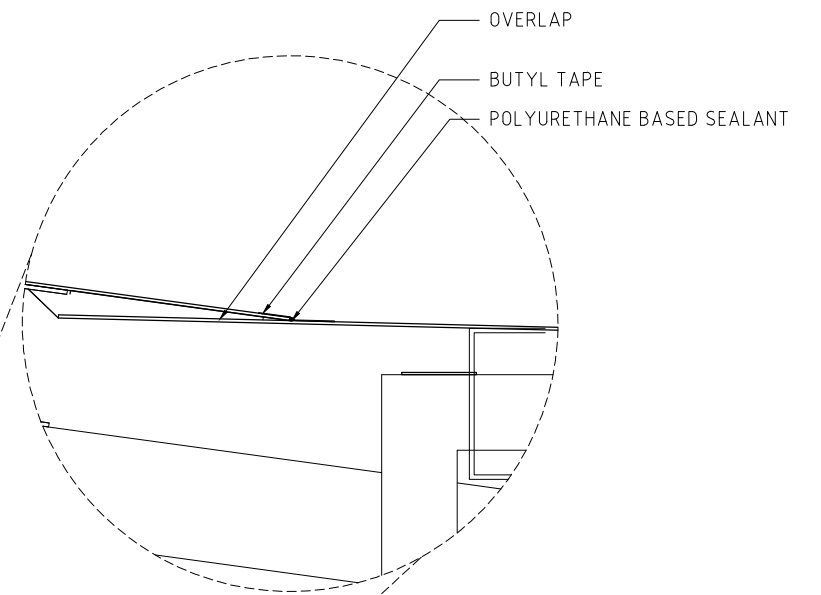




**BEAM REPAIR DETAIL**  
SCALE 1:20



**ROOF REPAIR DETAIL**  
SCALE 1:20



**ROOF EXTENSION REPAIR DETAIL**  
SCALE 1:20

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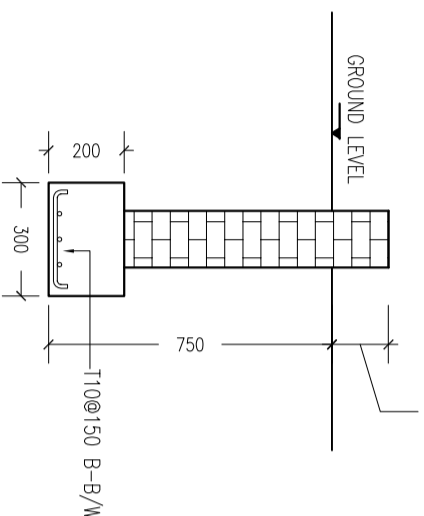


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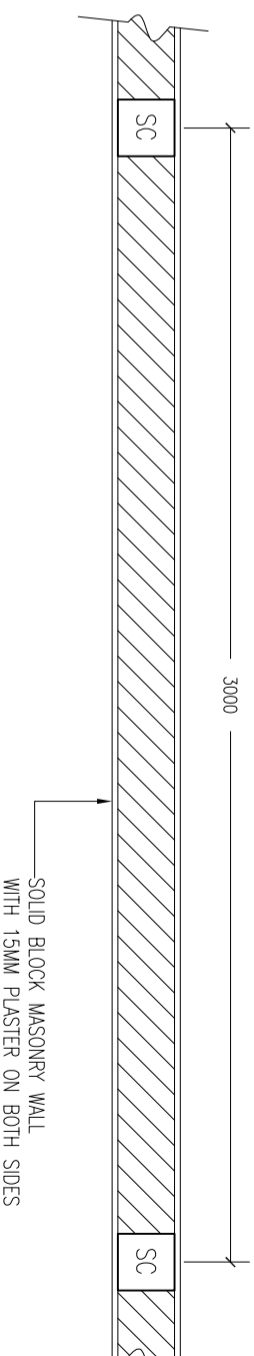
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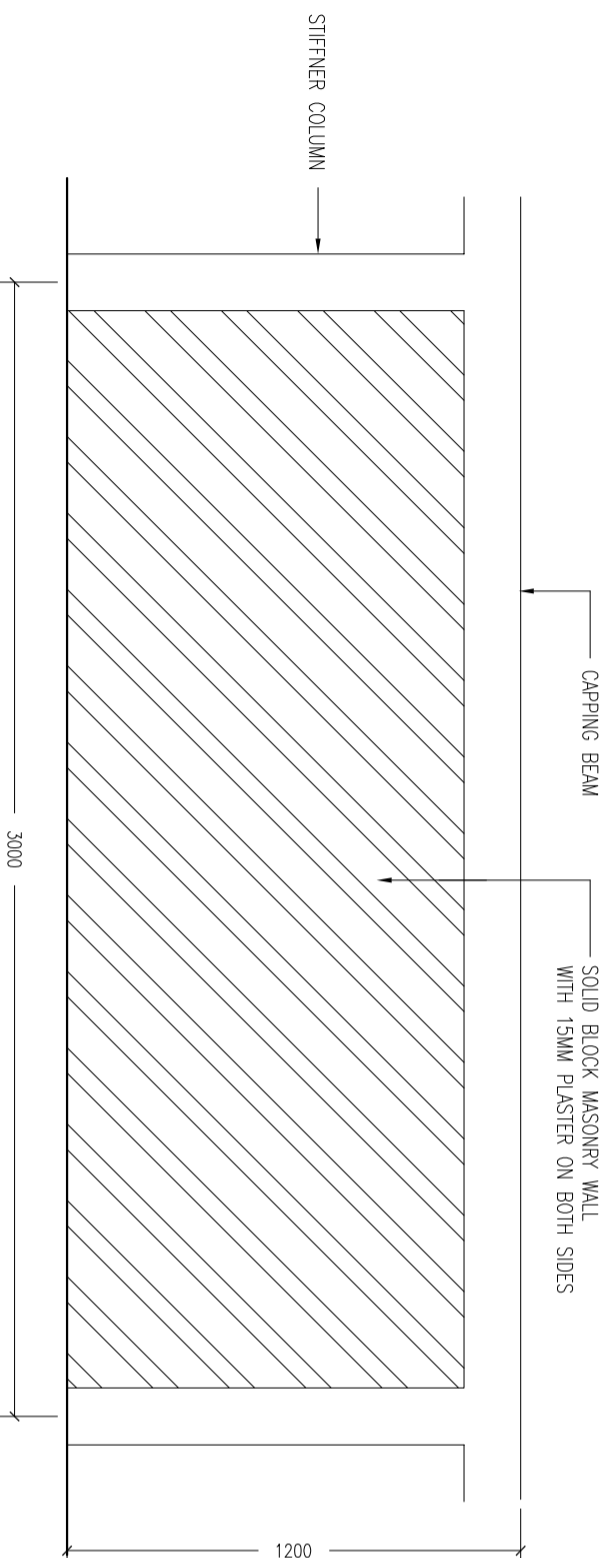
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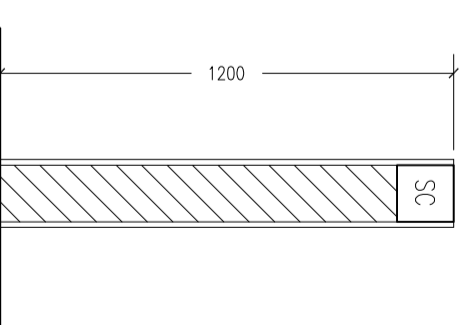
**BOUNDARY WALL FOOTING**  
SCALE 1:20



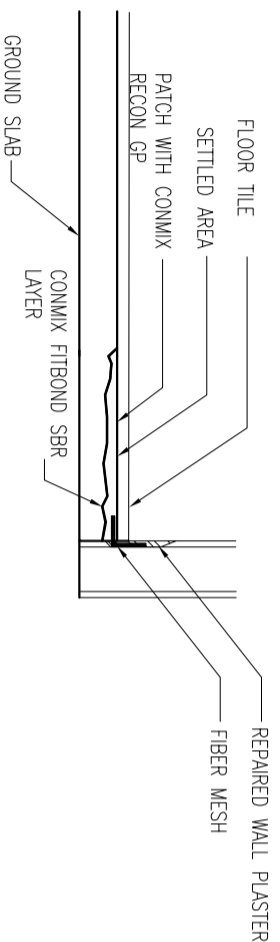
**TYPICAL BOUNDARY WALL DETAIL-PLAN**  
SCALE 1:20



**TYPICAL BOUNDARY - WALL DETAIL ELEVATION**  
SCALE 1:20



**TYPICAL BOUNDARY WALL DETAIL SECTION**  
SCALE 1:20



**SLAB REPAIR DETAILS**  
SCALE 1:20

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