

PROPOSED LANDSCAPE DESIGN AT MALDIVES POLYTECHNIC K.MALE' CAMPUS

ARCHITECTURAL, STRUCTURAL & SERVICES DRAWINGS

JULY 2023

CLIENT : MINISTRY OF HIGHER EDUCATION

DESIGN BY

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



MALE MAP



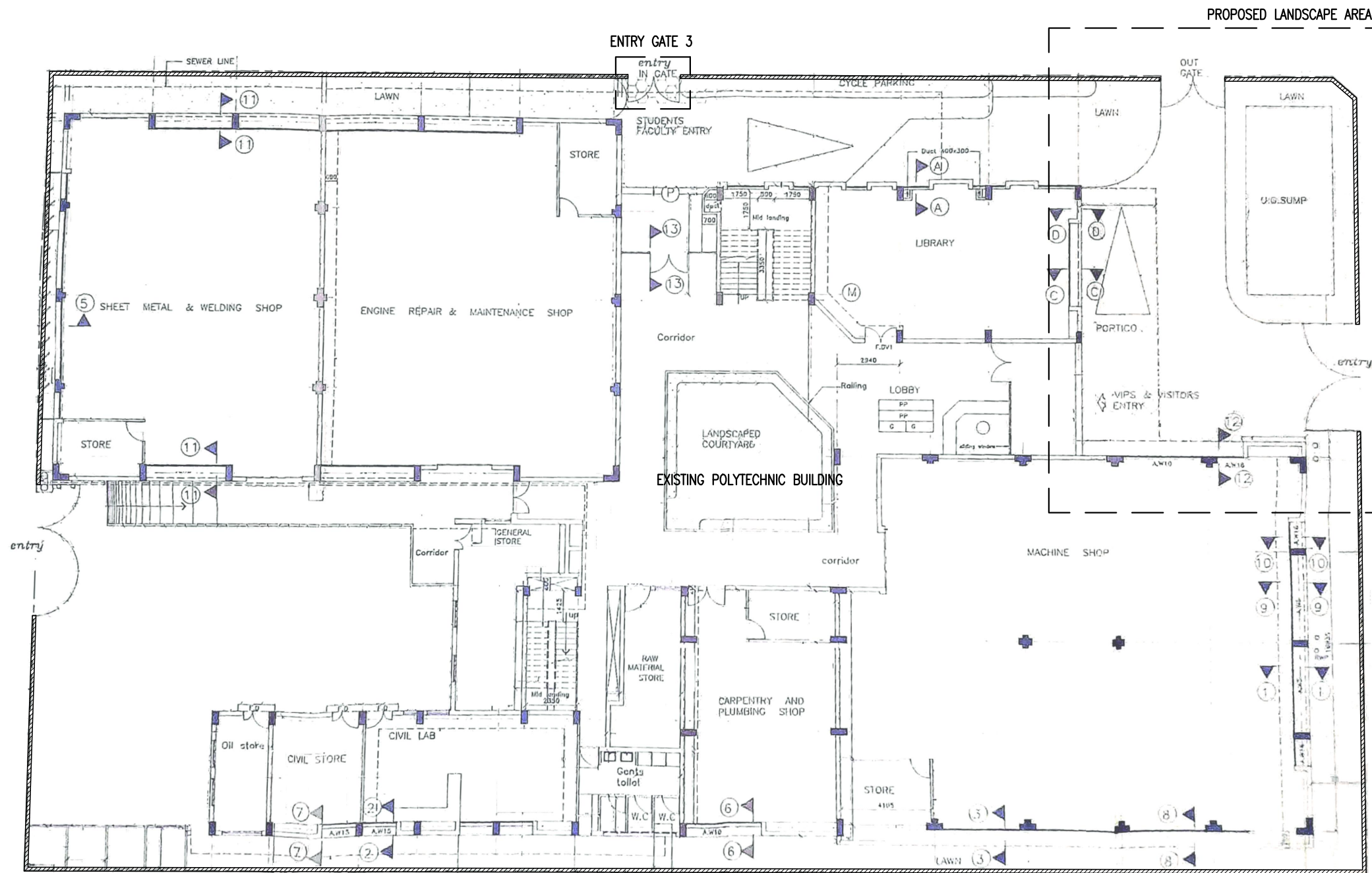
LOCATION OF MALDIVES POLYTECHNIC

LOCATION PLAN
N.T.S

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-01
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
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GROUND FLOOR PLAN-PROPOSED LANDSCAPE AREA
SCALE 1:200

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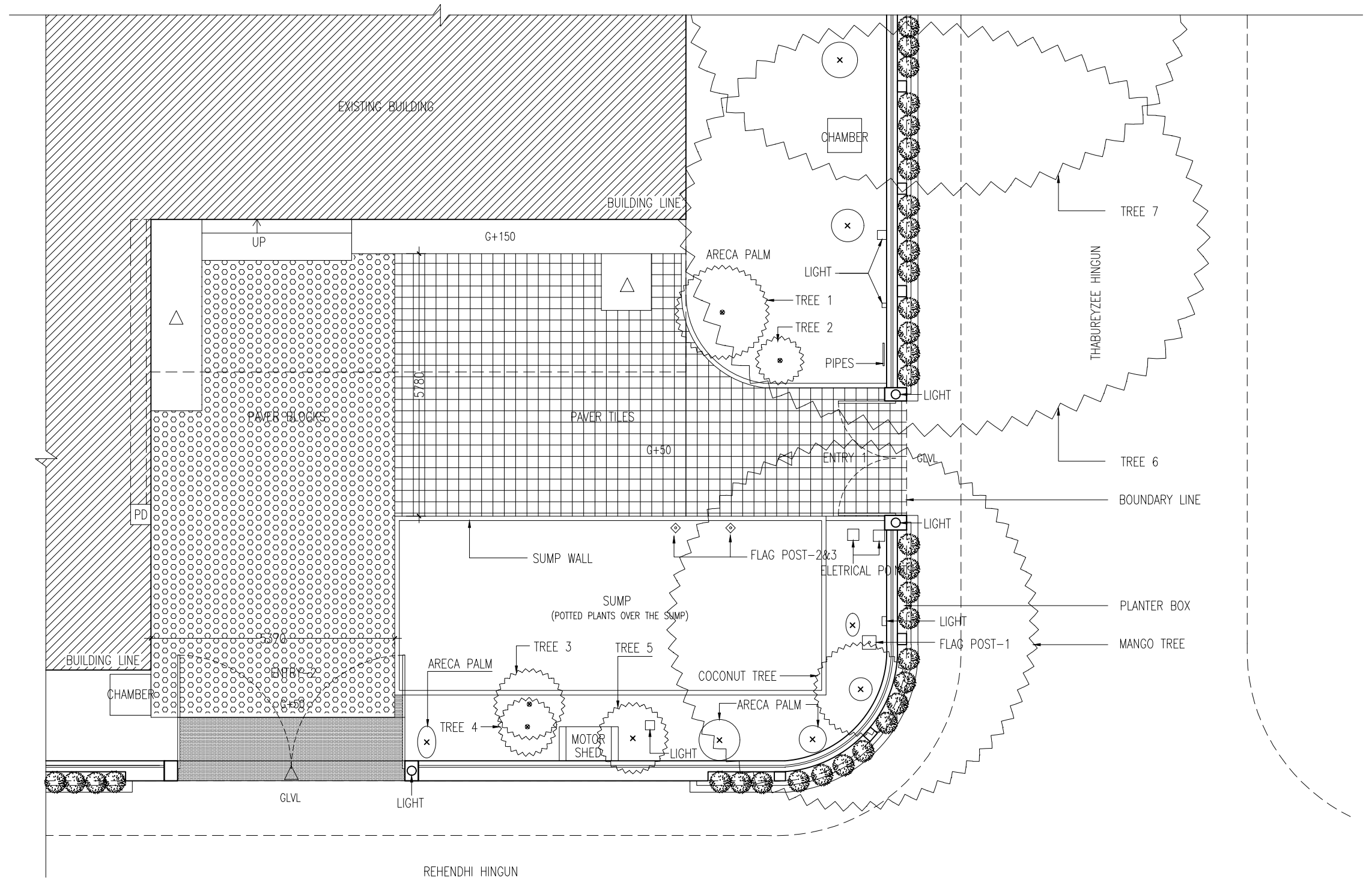
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PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	LOCATION: K.MALE'
DRAWING TITLE: AS GIVEN	CLIENT: MINISTRY OF HIGHER EDUCATION
SCALE: AS GIVEN	DIMENSION: MM DATE: JUNE 2023

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A-02

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EXISTING LANDSCAPE AREA
SCALE 1:100

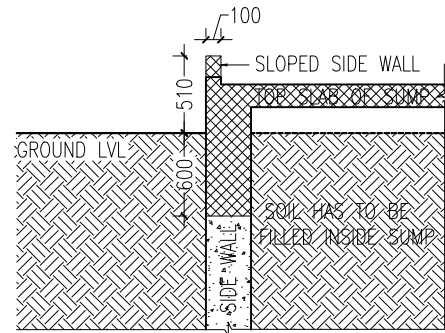
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A-03

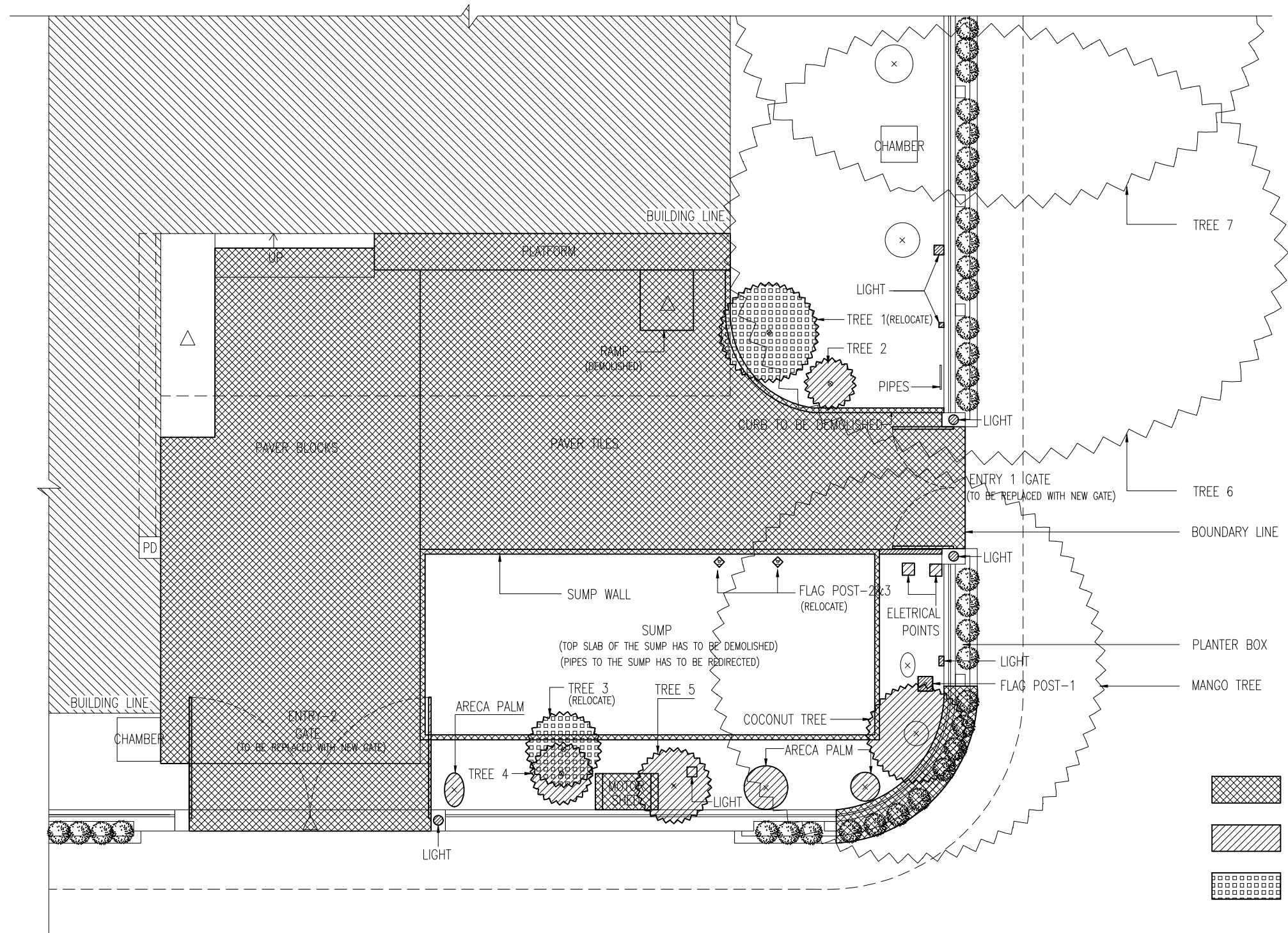
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SUMP WALL SECTION
SCALE 1:50

GENERAL NOTES:

- ALL THE POTTED PLANTS HAS TO BE REMOVED
- MARKED PLANTS AND TREES HAS TO BE REMOVED
- OLD GATES OF ENTRY 1,2&3 HAS TO BE REMOVED
- EXISTED FLAG POSTS-2&3 HAS TO BE REMOVED & RELOCATED
- DAMAGED / UNUSED LIGHTING FIXTURES HAS TO BE REMOVED
- PIPES TO THE SUMP HAS TO BE IDENTIFIED AND REDIRECTED OUTWARDS THE SITE
- RAMP AND PLATFORM TO BE DEMOLISHED
- SIDE WALLS AND TOP SLAB OF THE SUMP HAS TO BE DEMOLISHED
- CORNER CURVED AREA OF BOUNDARY WALL HAS TO BE DEMOLISHED
- OTHER MARKED AREAS SHOWN IN THE DEMOLITION PLAN HAS TO BE DEMOLISHED/REMOVED



DEMOLITION PLAN
SCALE 1:100

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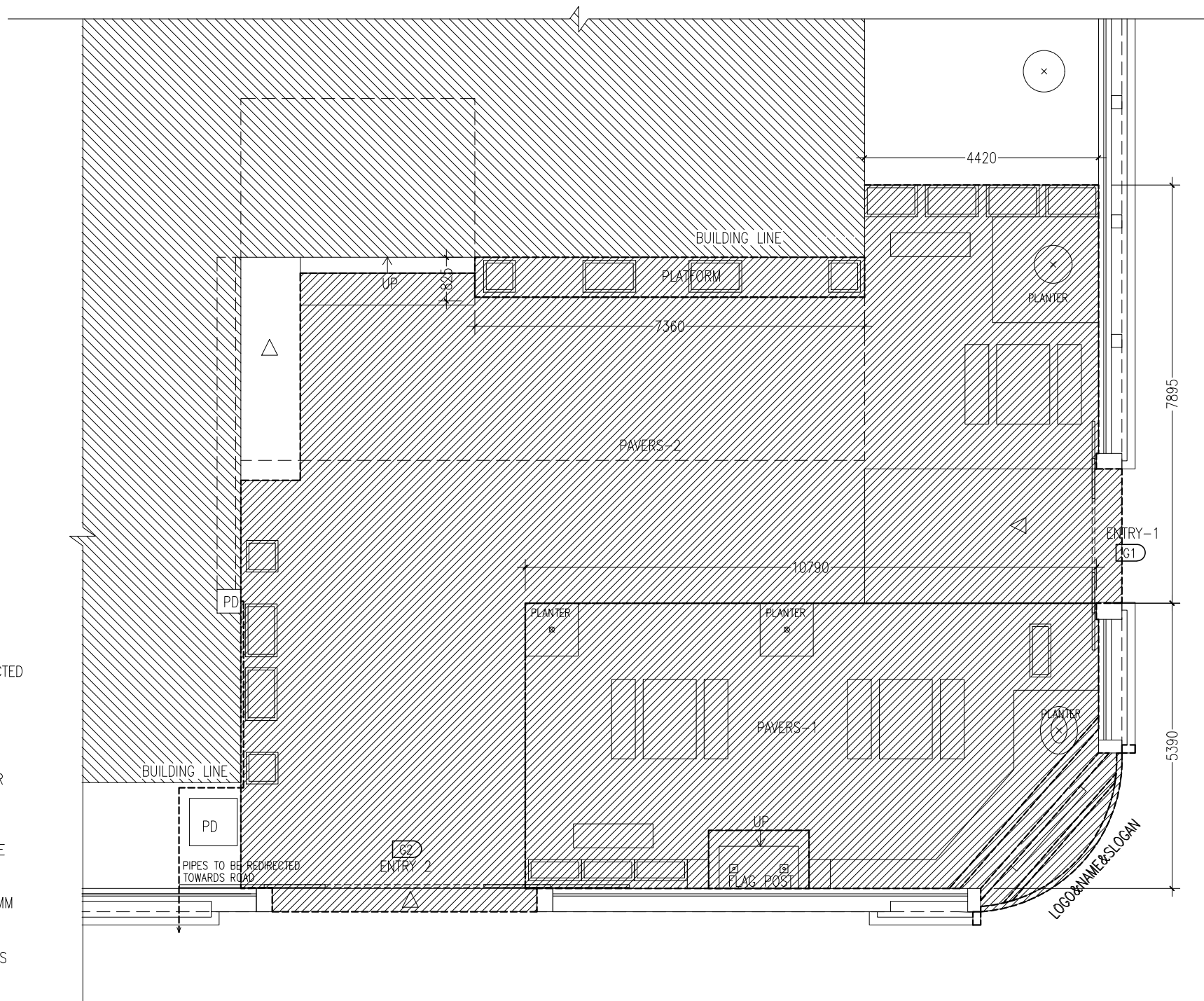
A-04

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GENERAL NOTES:

- GENERAL SITE CLEANING IS NEEDED
- PIPES FROM PLUMBING DUCT (PD) HAS TO BE REDIRECTED TOWARDS ROAD
- OTHER PIPES TO THE SUMP HAS TO BE IDENTIFIED & REDIRECTED OUTWARDS THE SITE
- EARTH MATERIAL/SOIL HAS TO BE FILLED INSIDE THE SUMP AREA
- ELECTRICAL CONNECTIONS HAS TO BE DONE FOR WATER FEATURE AND LIGHTS AS PER THE PROPOSED LIGHTING PLAN
- SITE HAS TO BE LEVELED AT DEMOLISHED AREAS AND SLOPED AT THE ENTRY 1 & ENTRY 2 FOR RAMP BEFORE LAYING PAVERS
- PROPOSED PAVERS FLOORING HAS TO BE DONE
- DAMAGED PLATFORM HAS TO BE DEMOLISHED AND 100MM HIGH CONCRETE STEP PLATFORM TO BE CONSTRUCTED -T10@150CC BW-1 LAYER (GREY EPOXY PAINT FINISH)
- OTHER PROPOSED WORKS SHOWN IN REWORK PLAN HAS TO BE CONSTRUCTED
- WATER FEATURE AREA HAS TO BE COATED WITH WATER PROOFING MATERIAL



 NEW WORK AREA

PROPOSED AREA UNDER CONSTRUCTION

SCALE 1:100

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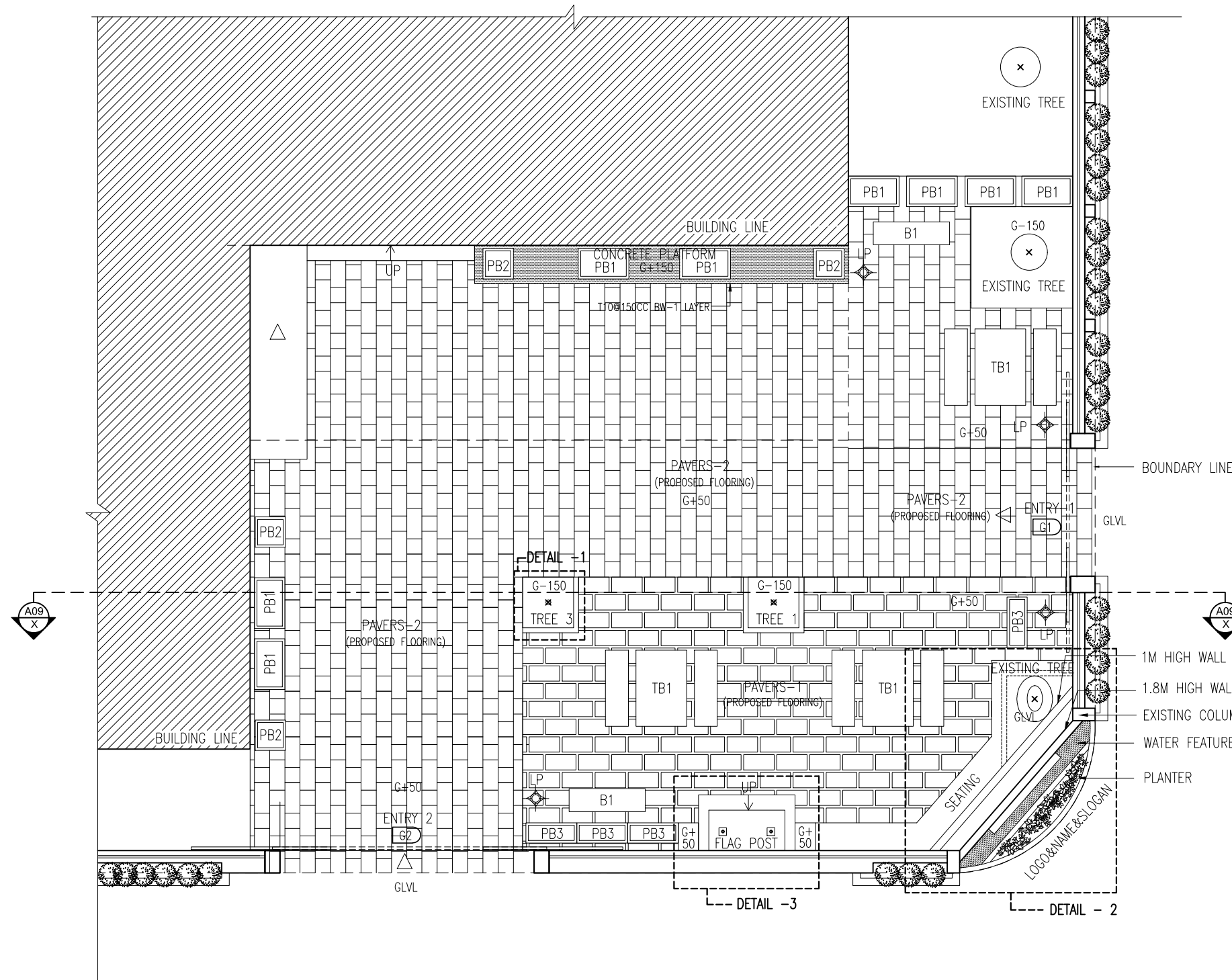


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LEGEND

TB1	TABLE & BENCH
B1	BENCH
PB1	PLANTER BOX 1
PB2	PLANTER BOX 2
PB3	PLANTER BOX 3
LP	LAMP POST

LEGEND

	PAVERS-1 600X300 MM GREY CONCRETE PAVERS GROUT GAP(50MM) WITH WHITE PEBBELES
	PAVERS-2 TYPE A-600X300 MM GREY CONCRETE PAVERS TYPE B-300X300 MM GREY CONCRETE PAVERS

NOTE: PAVERS LAYING HAS TO BE IN THE PATTERN AS SHOWN IN THE FLOORING PLAN.

PROPOSED LANDSCAPE PLAN
SCALE 1:100

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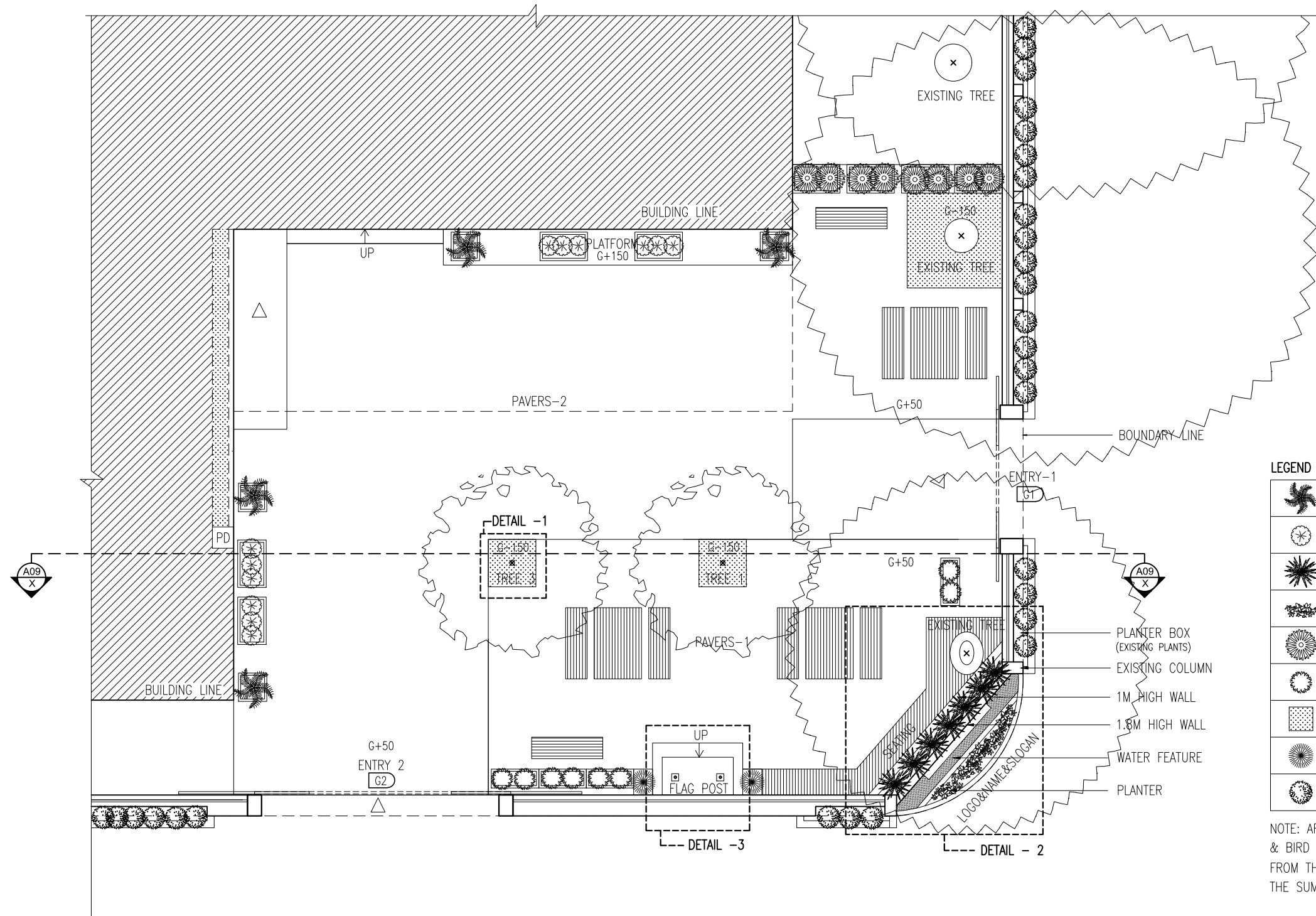


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A-06

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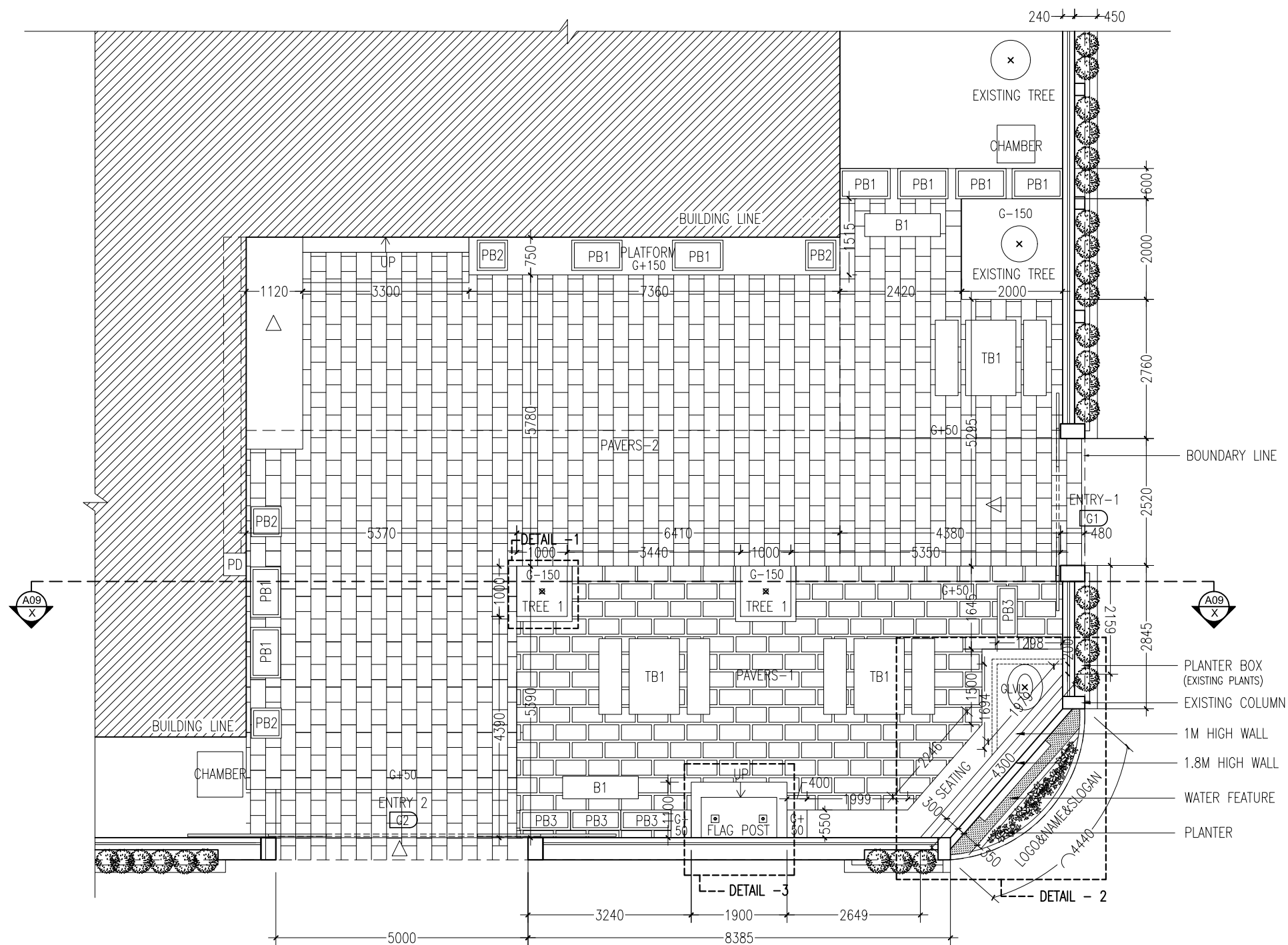


PROPOSED TREE PLAN
SCALE 1:100

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DETAIL -1-PROPOSED OUTDOOR AREA
 - DIMENSION 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



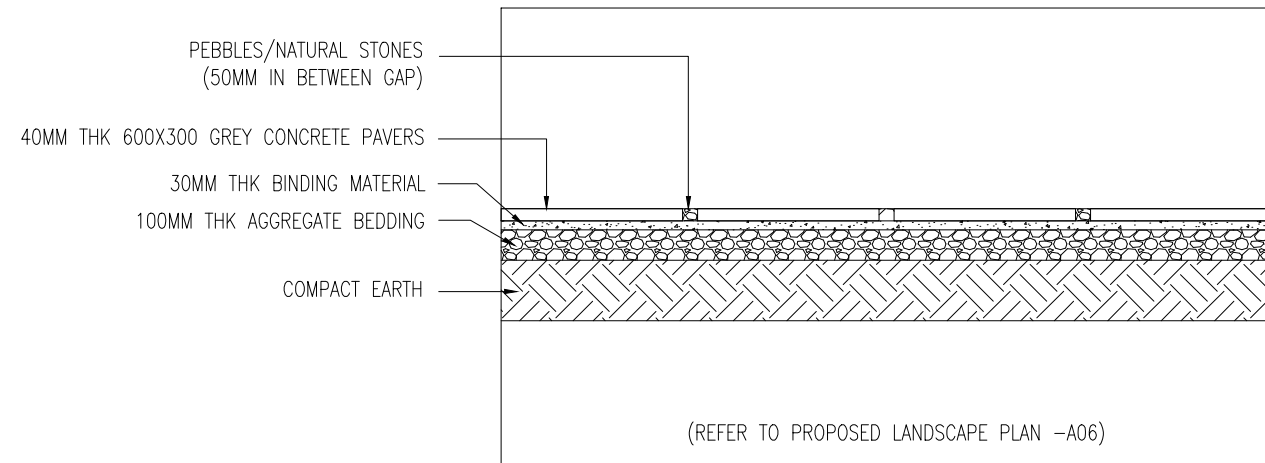
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A-08

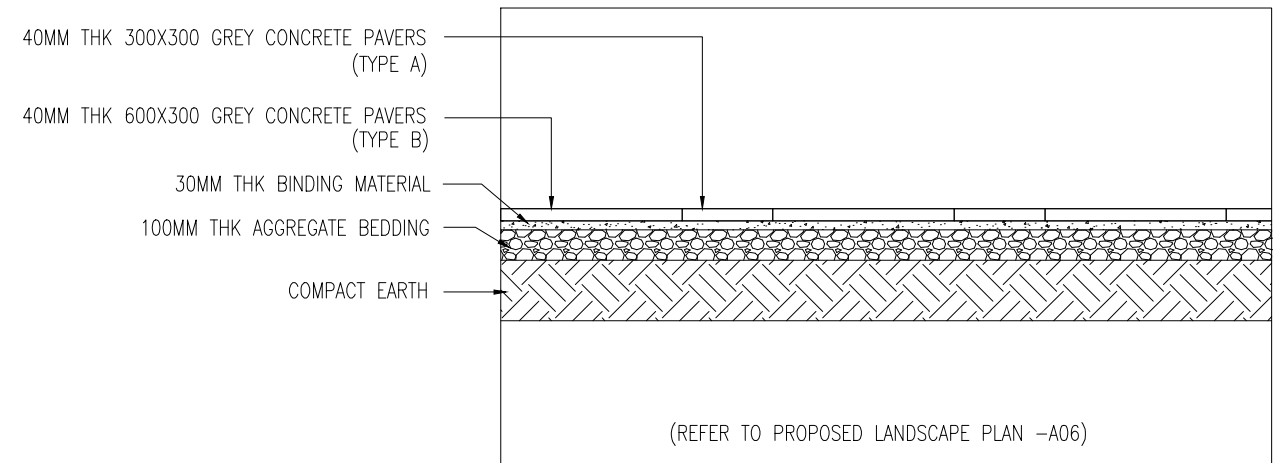
DWG NO

PROJECT NO: 23-017

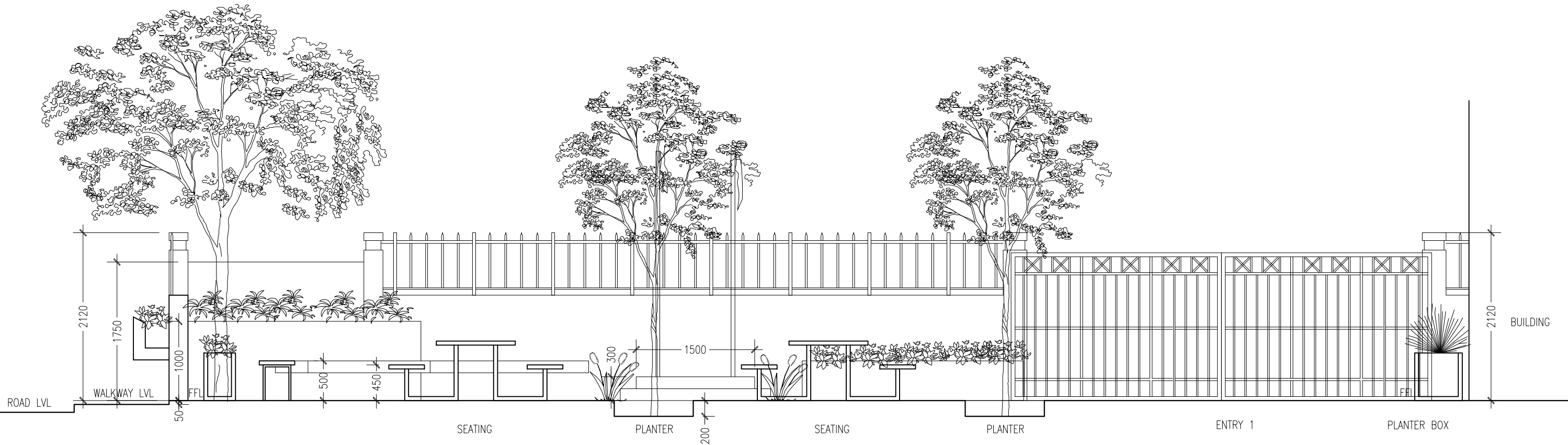
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PROPOSED PAVERS - 1 - SECTION DETAIL
SCALE 1:25



PROPOSED PAVERS - 2 - SECTION DETAIL
SCALE 1:25



SECTION X-X
SCALE 1:50

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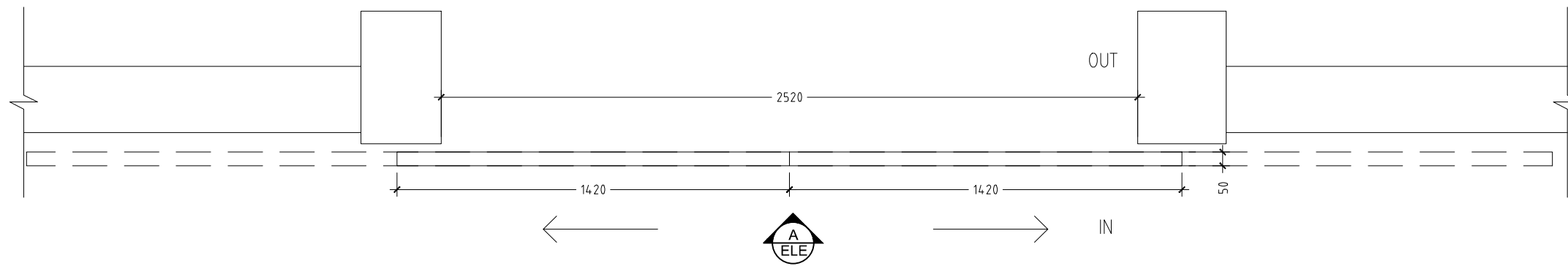
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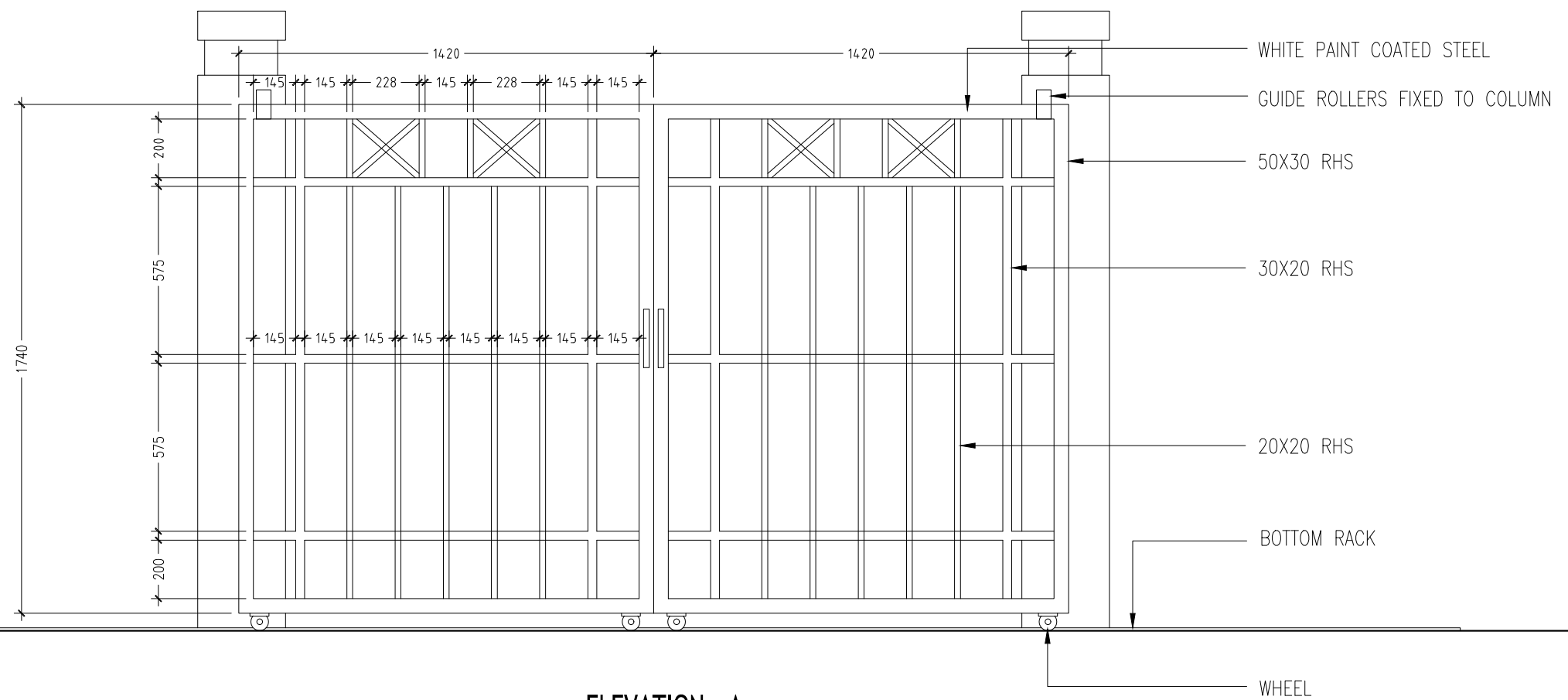
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GATE 1 - PLAN



ELEVATION - A

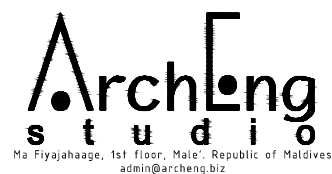
GATE 1 - AUTOMATIC SLIDING GATE

SCALE 1:20

NOTE: REFER TO THE SHEET A-06 FOR THE LOCATION OF THE GATE 1

AUTOMATIC STEEL SLIDING GATES – SHOP DRAWINGS & DETAILS TO BE PROVIDED BY CONTRACTOR

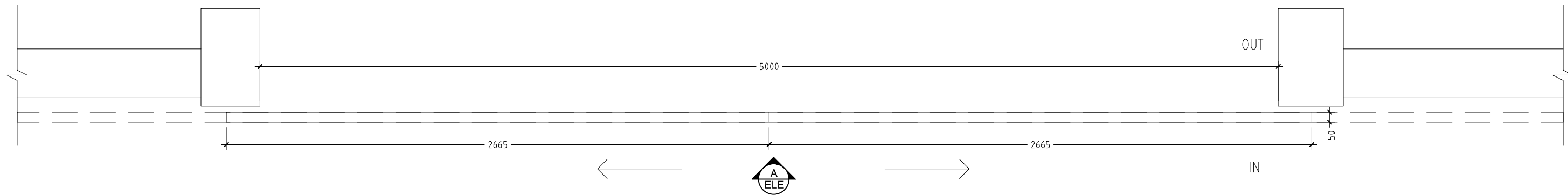
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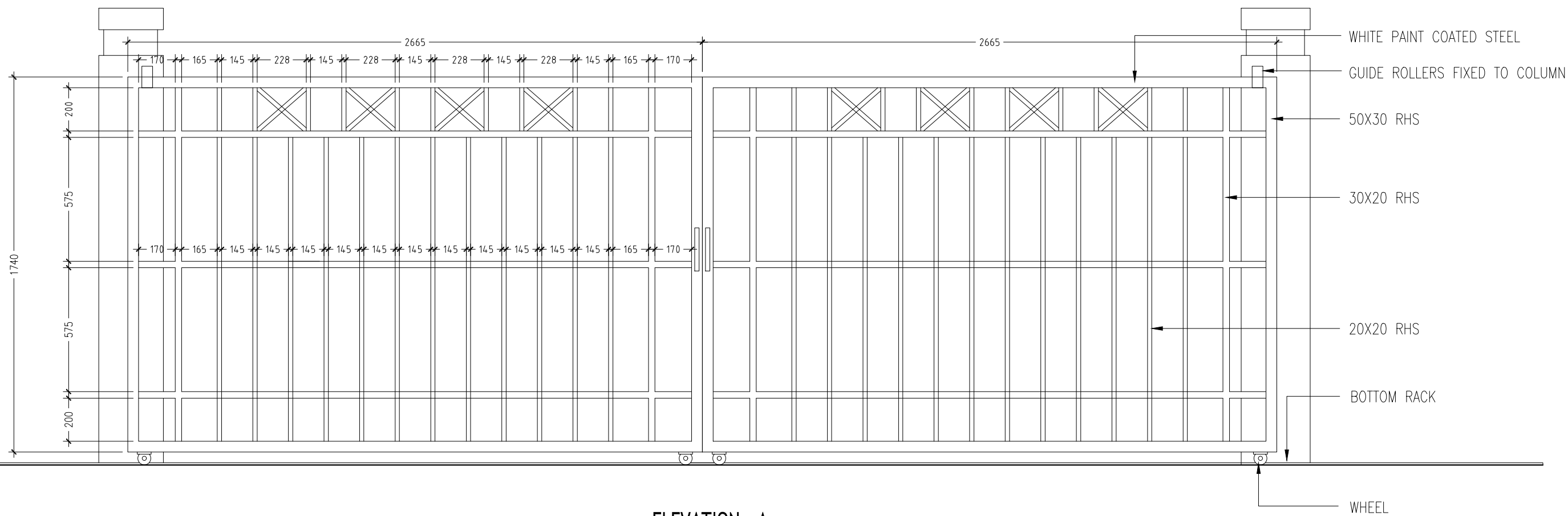
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A-10

DWG NO: PROJECT NO: 23-017



GATE 2 - PLAN



ELEVATION - A

NOTE: REFER TO THE SHEET A-06 FOR THE LOCATION OF THE GATE 2

AUTOMATIC STEEL SLIDING GATES – SHOP DRAWINGS & DETAILS TO BE PROVIDED BY CONTRACTOR

GATE 2 - AUTOMATIC SLIDING GATE

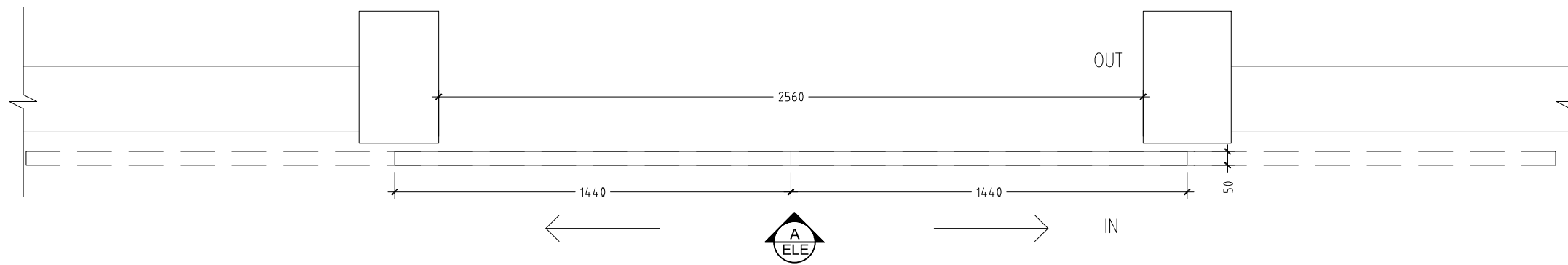
SCALE 1:20

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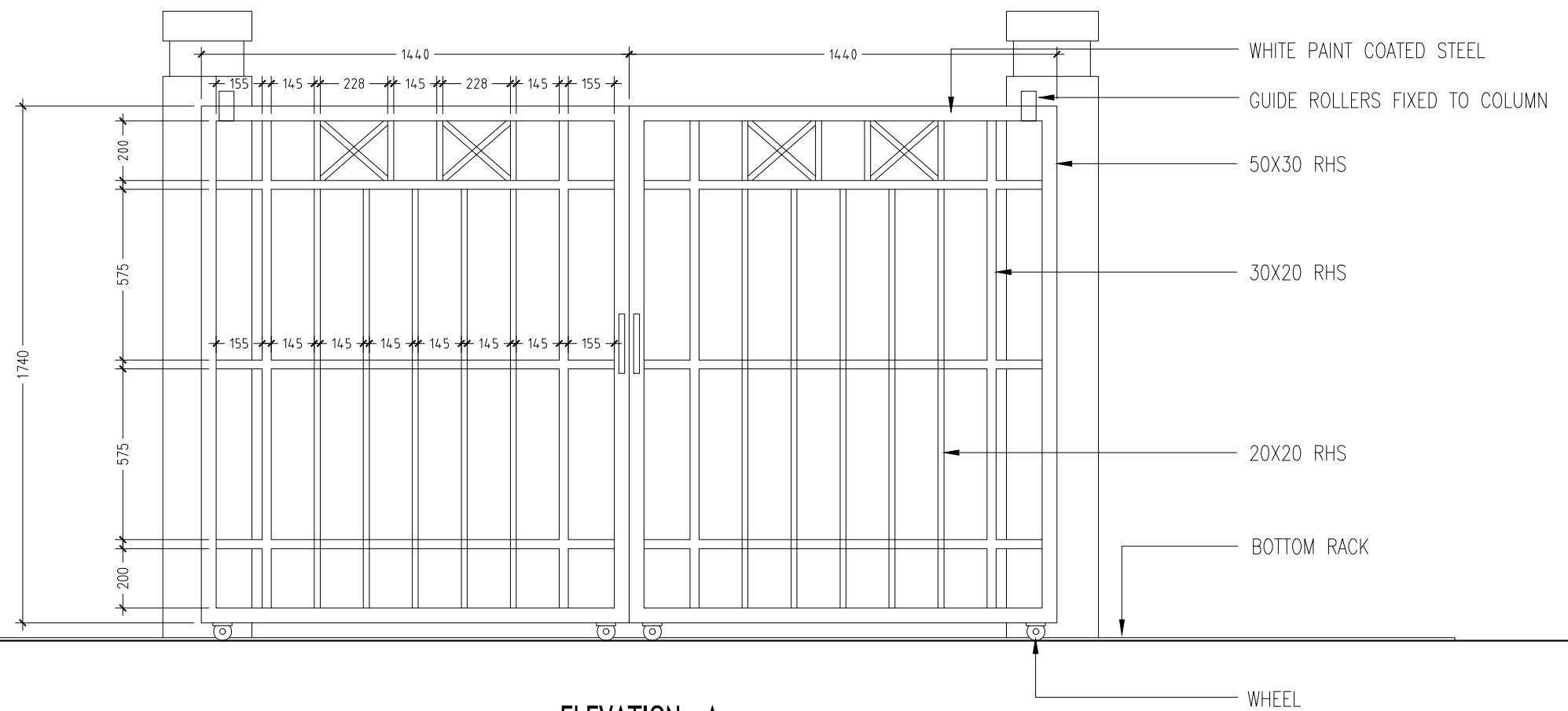


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GATE 3 - PLAN



ELEVATION - A

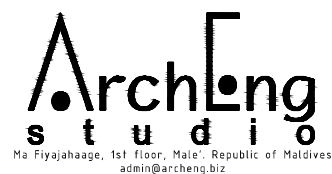
GATE 3 - AUTOMATIC SLIDING GATE

SCALE 1:20

NOTE: REFER TO THE SHEET A-02 FOR THE LOCATION OF THE GATE 3

AUTOMATIC STEEL SLIDING GATES – SHOP DRAWINGS & DETAILS TO BE PROVIDED BY CONTRACTOR

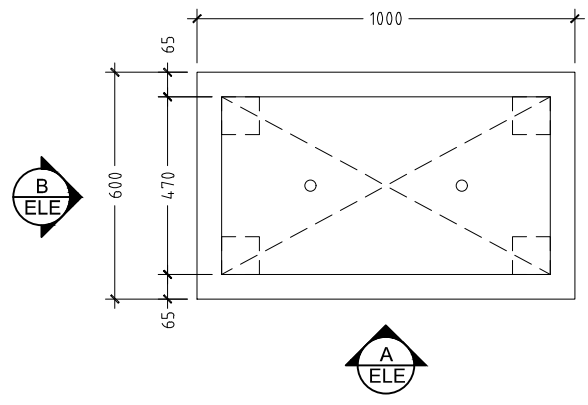
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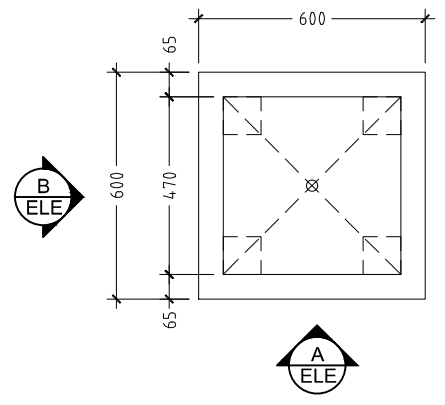
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A-12

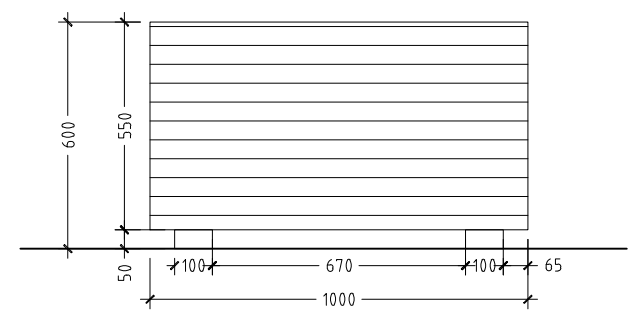
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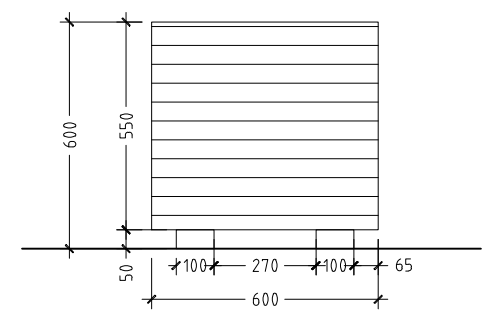
PB1 PLANTER BOX 1 - PLAN
SCALE 1:20



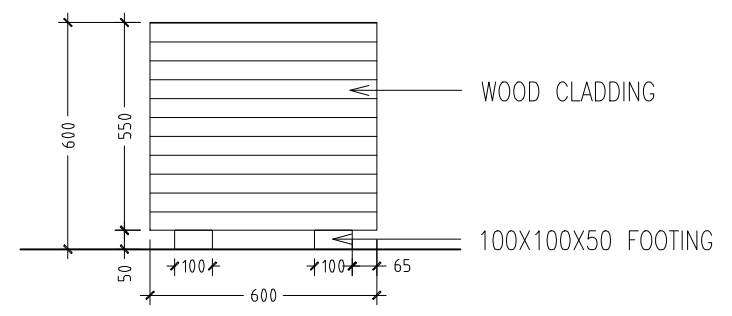
PB2 PLANTER BOX 2 - PLAN
SCALE 1:20



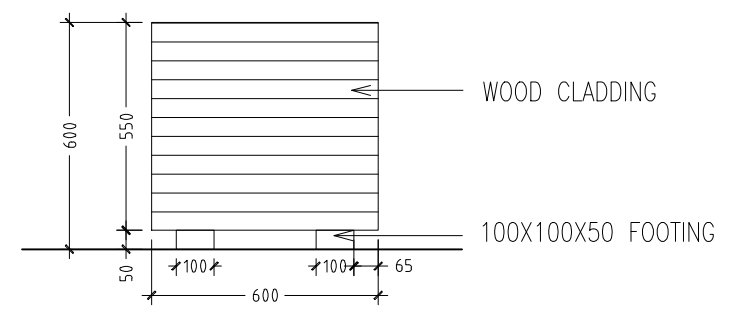
PB1 ELEVATION - A
SCALE 1:20



PB2 ELEVATION - A
SCALE 1:20



PB1 ELEVATION - B
SCALE 1:20



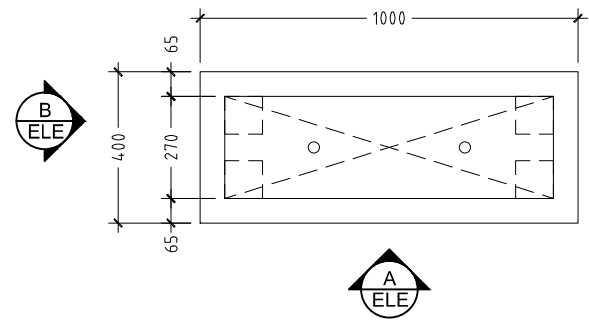
PB2 ELEVATION - B
SCALE 1:20

PLANTER BOX - DETAIL
SCALE 1:20

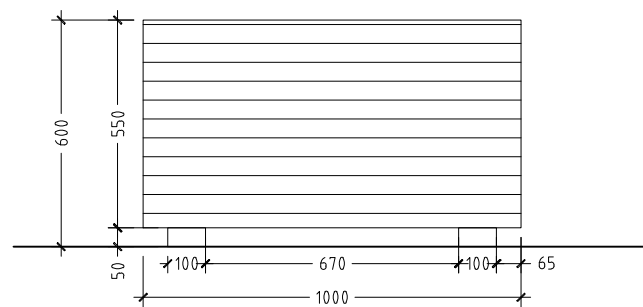
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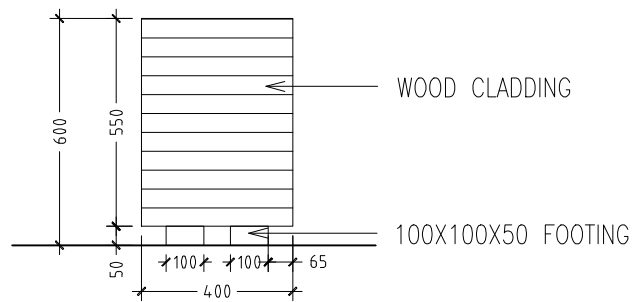
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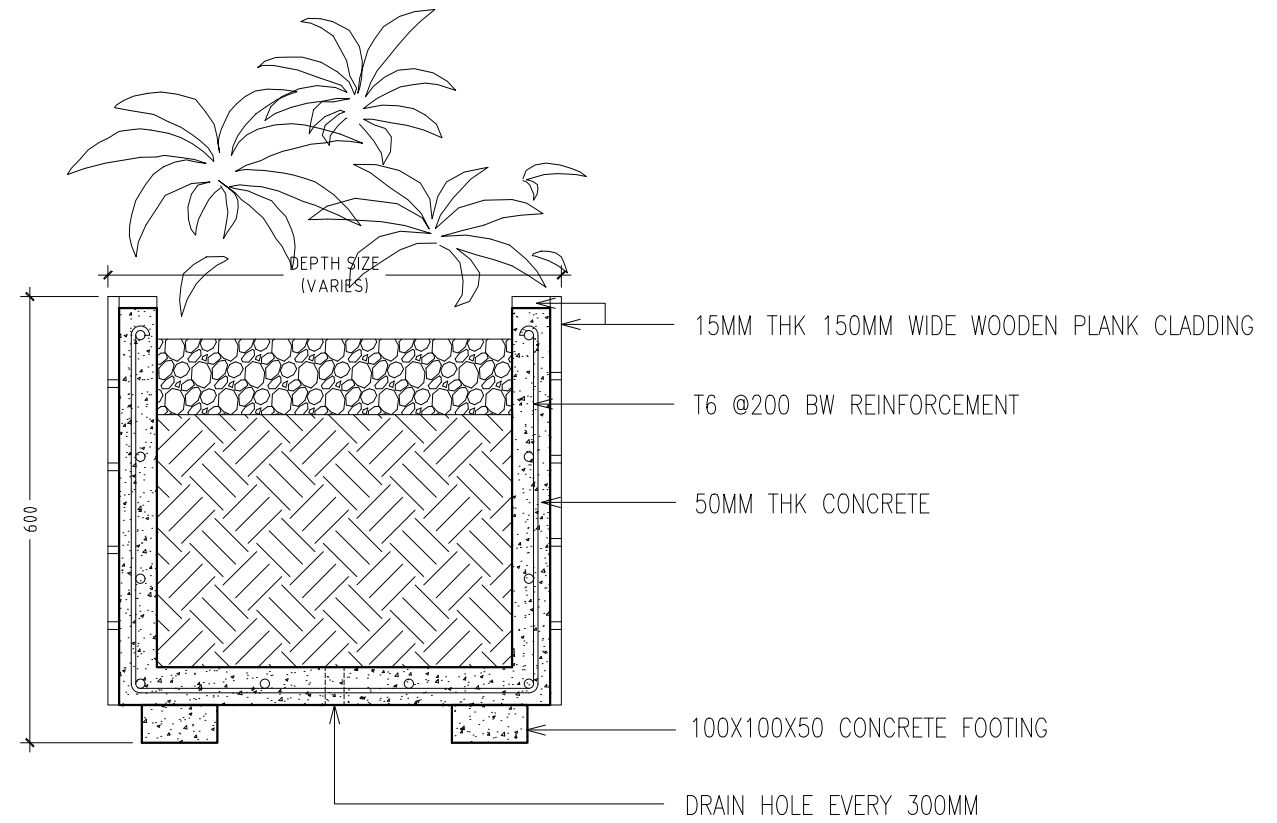
PLANTER BOX 3 - PLAN
 PB3 SCALE 1:20



ELEVATION - A
 PB3 SCALE 1:20



ELEVATION - B
 PB3 SCALE 1:20



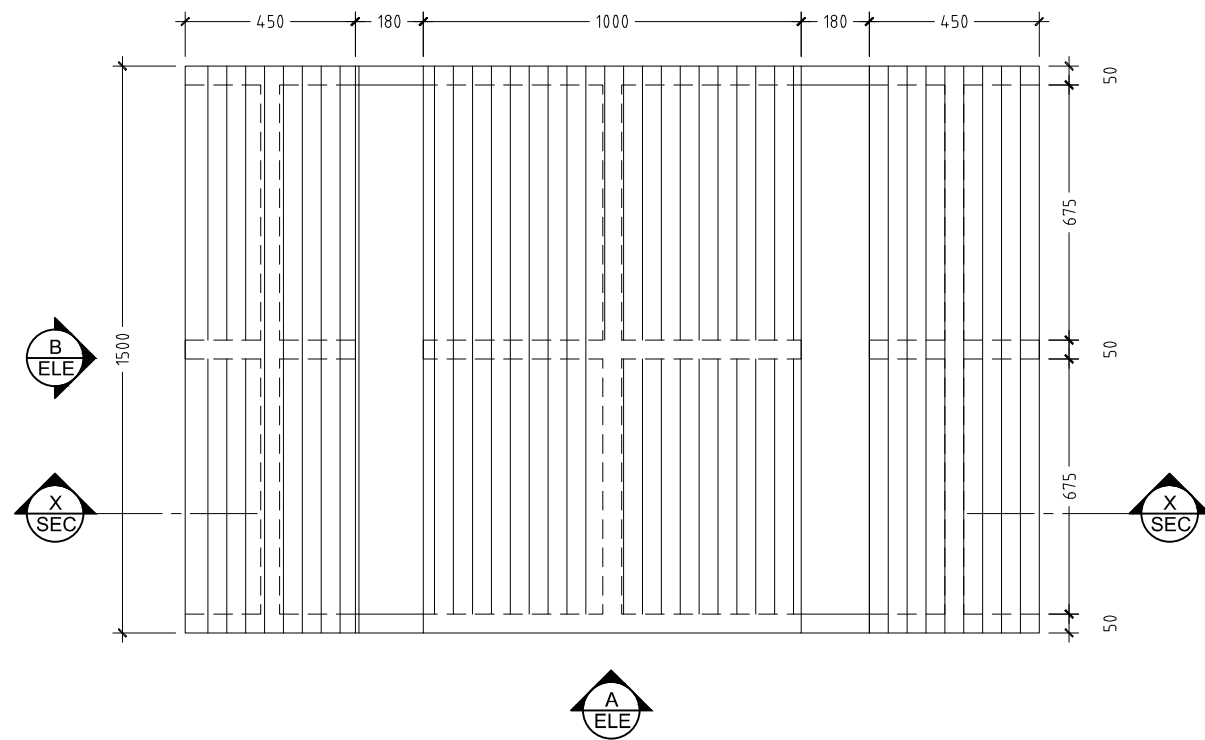
TYPICAL PLANTER BOX - SECTION
 SCALE 1:10

PLANTER BOX - DETAIL
 SCALE 1:20

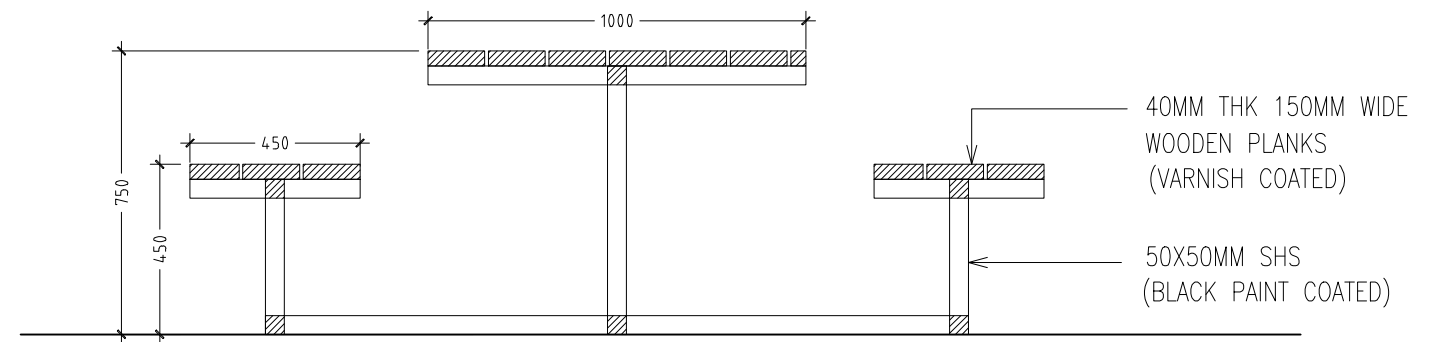
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



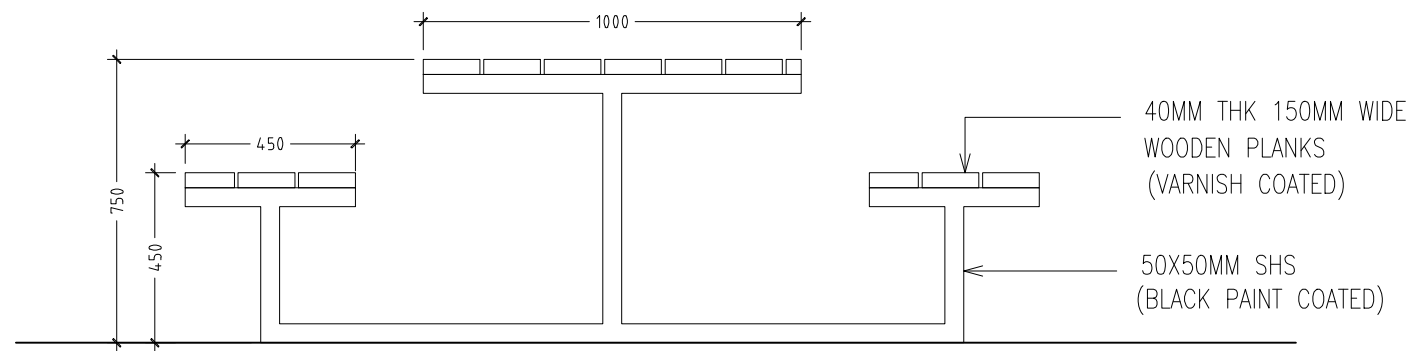
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-14
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
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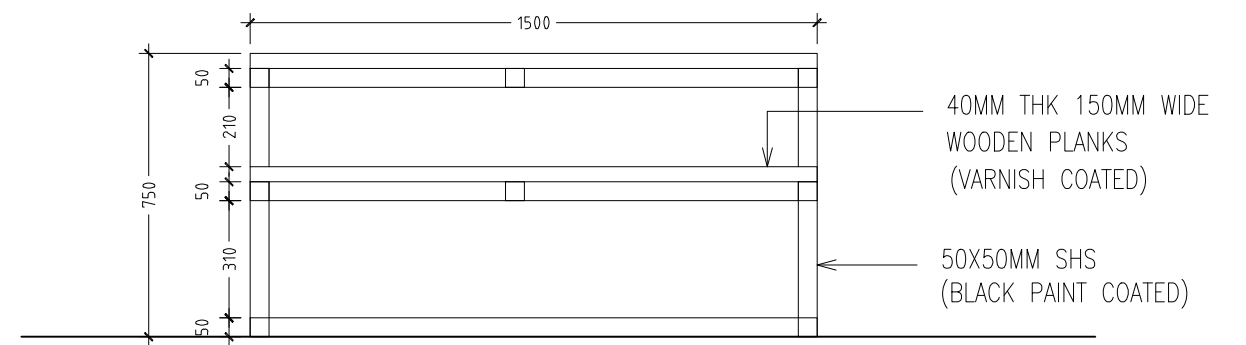
TB1 TABLE & BENCH - PLAN
SCALE 1:20



TB1 SECTION X-X
SCALE 1:20



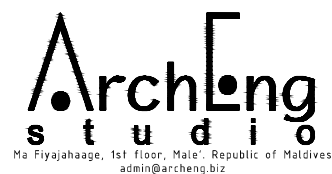
TB1 ELEVATION - A
SCALE 1:20



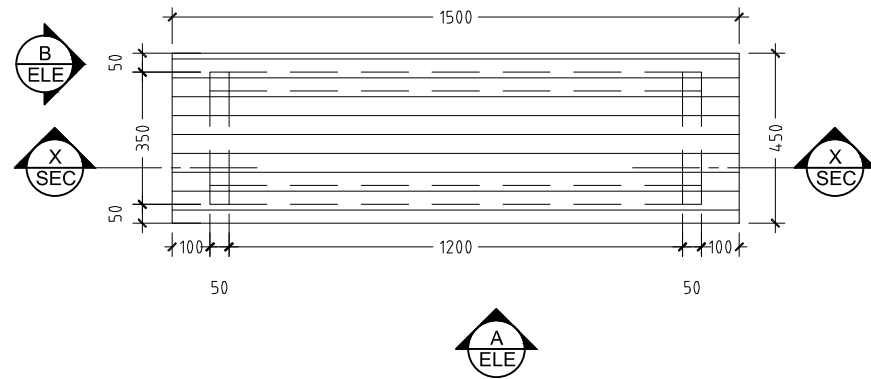
TB1 ELEVATION - B
SCALE 1:20

TABLE & BENCH - DETAIL
SCALE 1:20

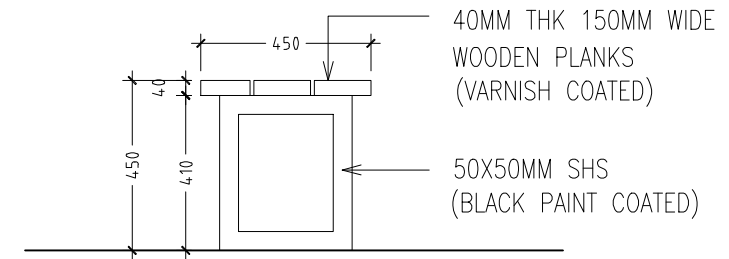
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



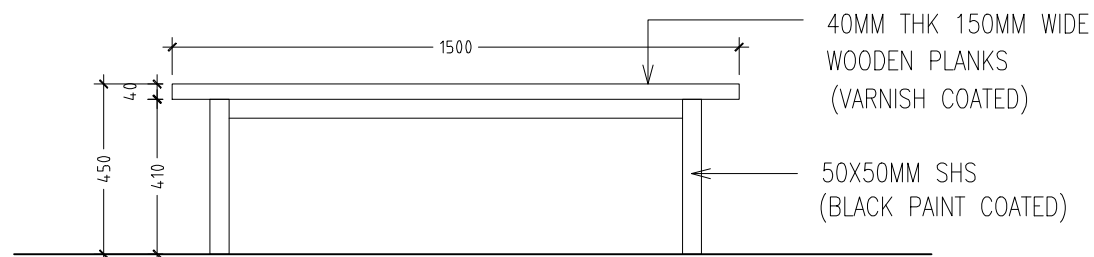
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-15
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
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			PROJECT NO: 23-017



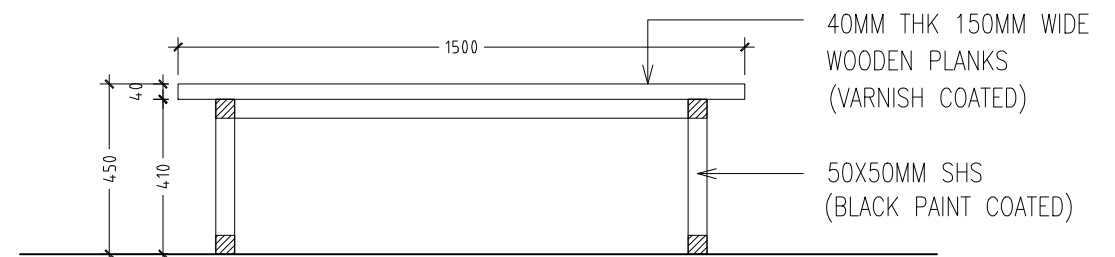
B1 BENCH - PLAN
SCALE 1:20



B1 ELEVATION - B
SCALE 1:20



B1 ELEVATION - A
SCALE 1:20



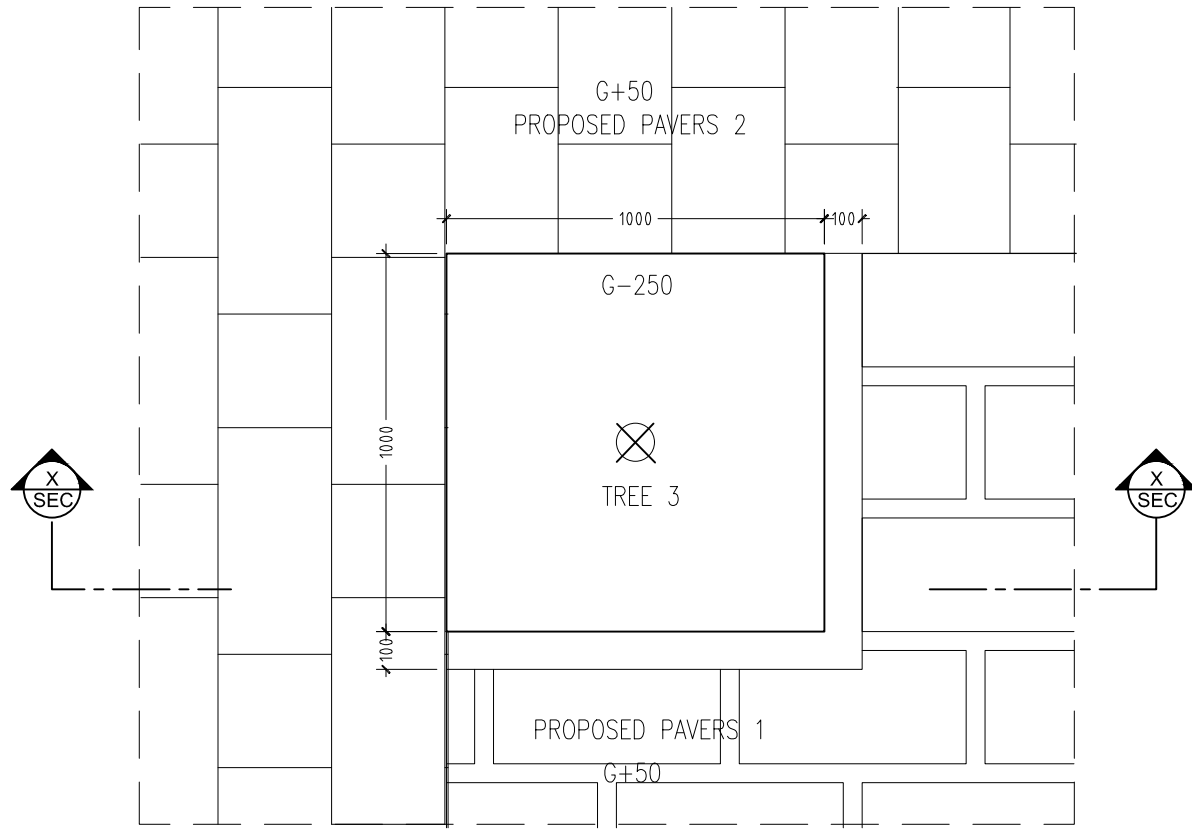
B1 SECTION X-X
SCALE 1:20

TABLE & BENCH - DETAIL
SCALE 1:20

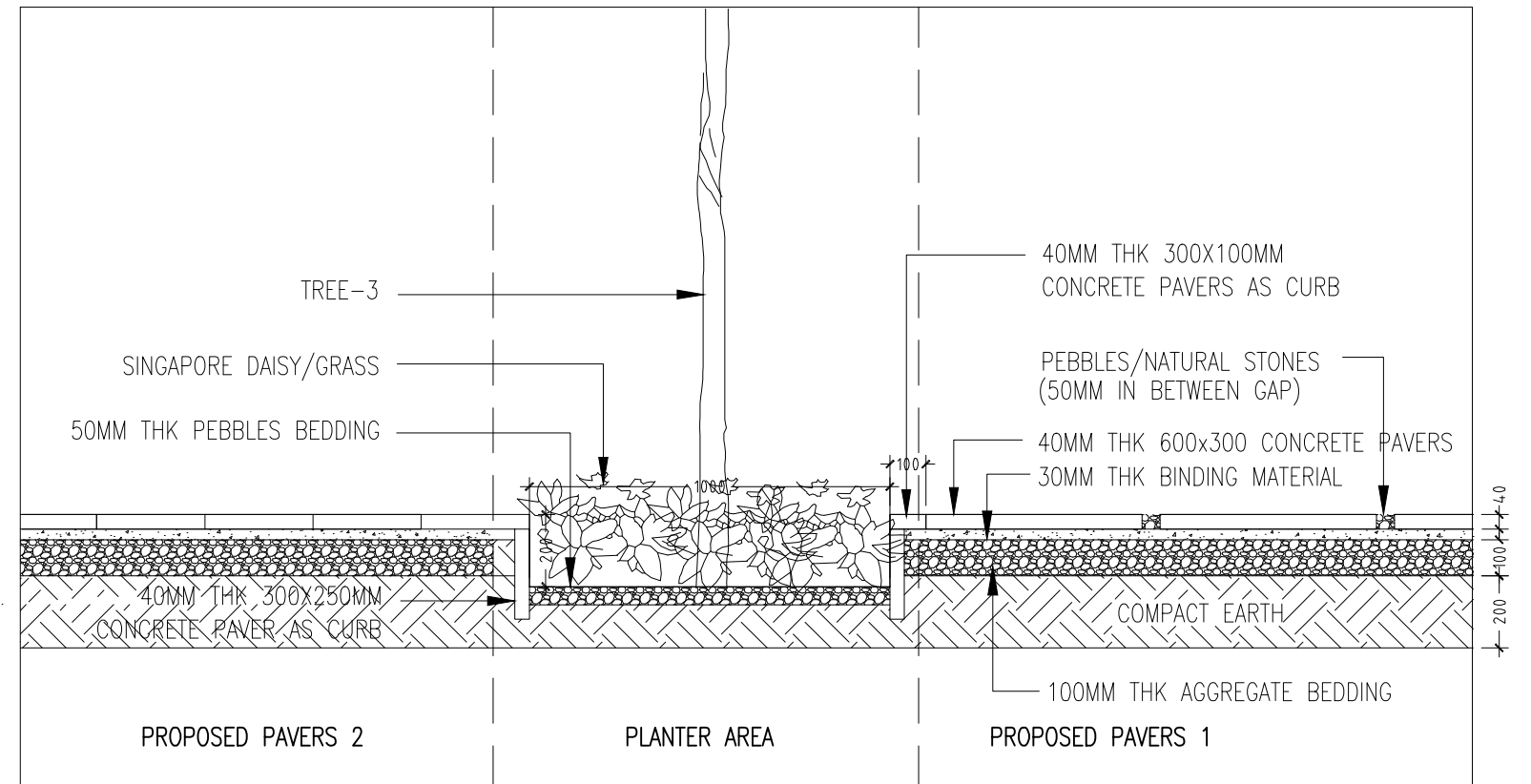
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-16
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
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PLAN - PLANTER AREA
SCALE 1:20



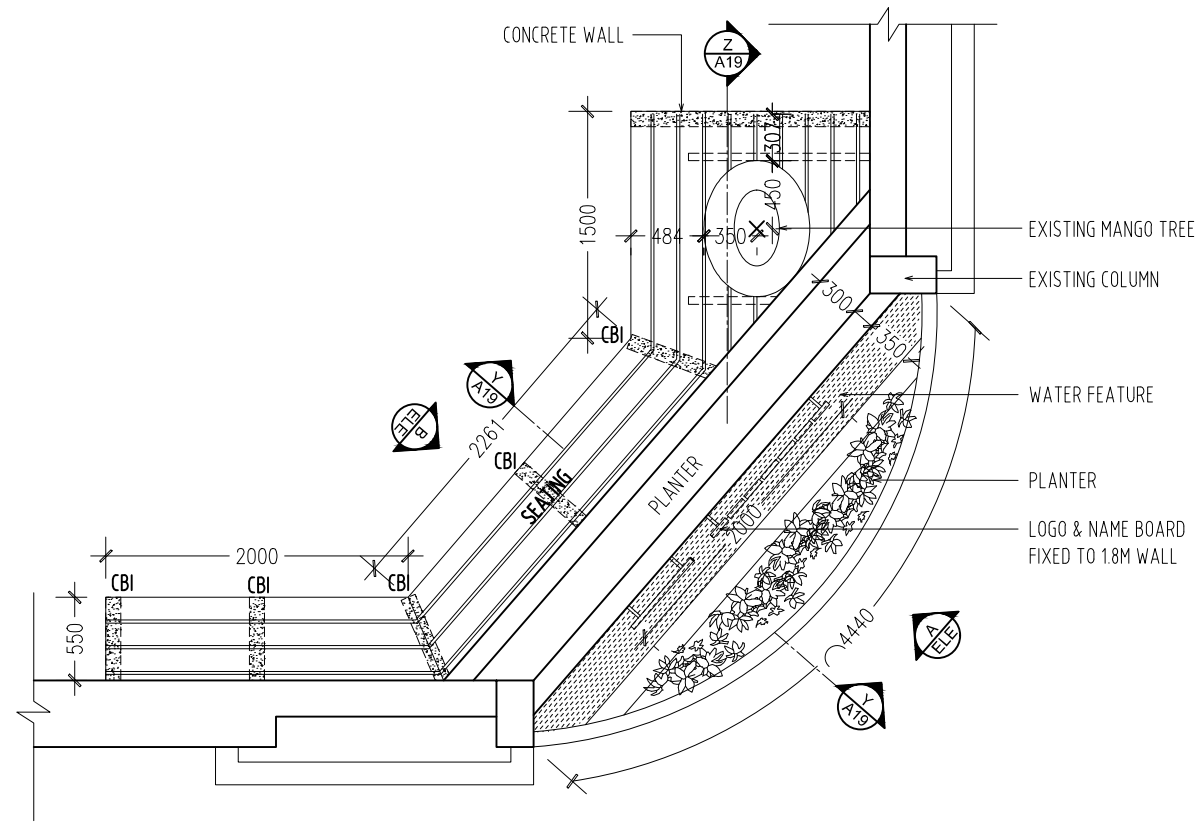
SECTION X-X PLANTER AREA
SCALE 1:20

DETAIL - 1 - PLANTER AREA
SCALE 1:20

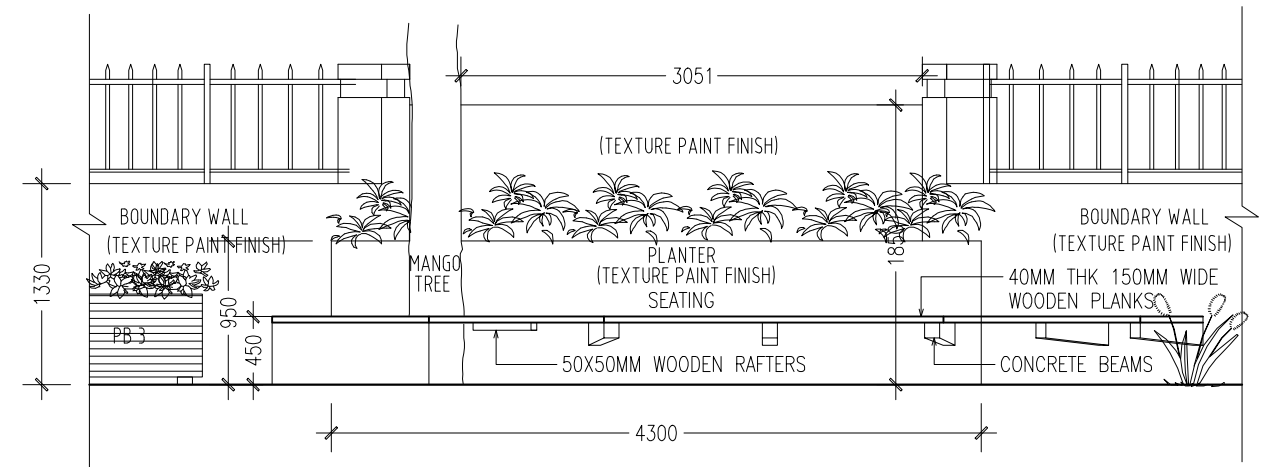
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



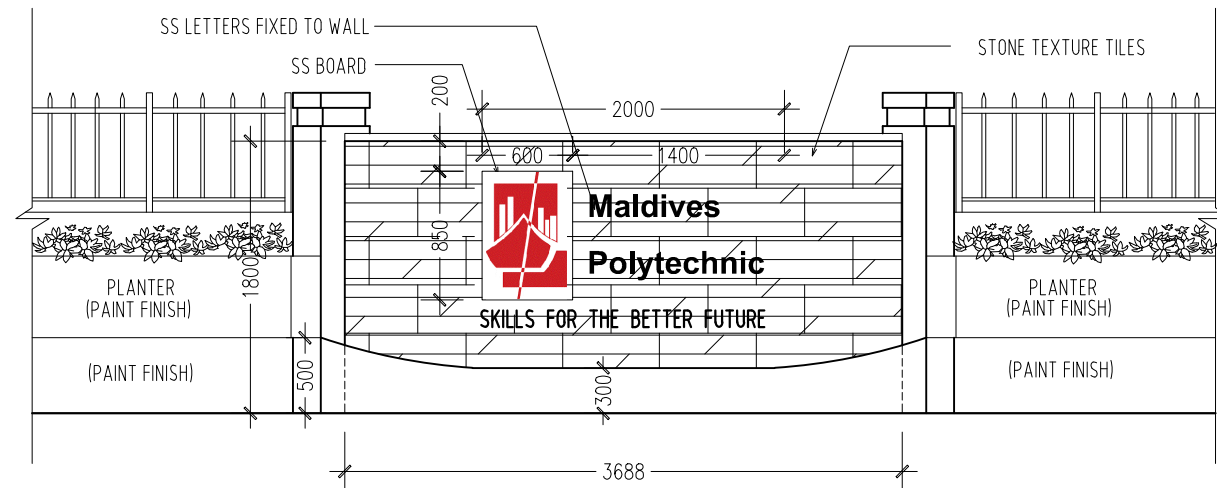
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-17
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
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DETAIL - 2 - PLAN
SCALE 1:50



DETAIL - 2 -ELEVATION B
SCALE 1:50



DETAIL - 2 -ELEVATION A
SCALE 1:50

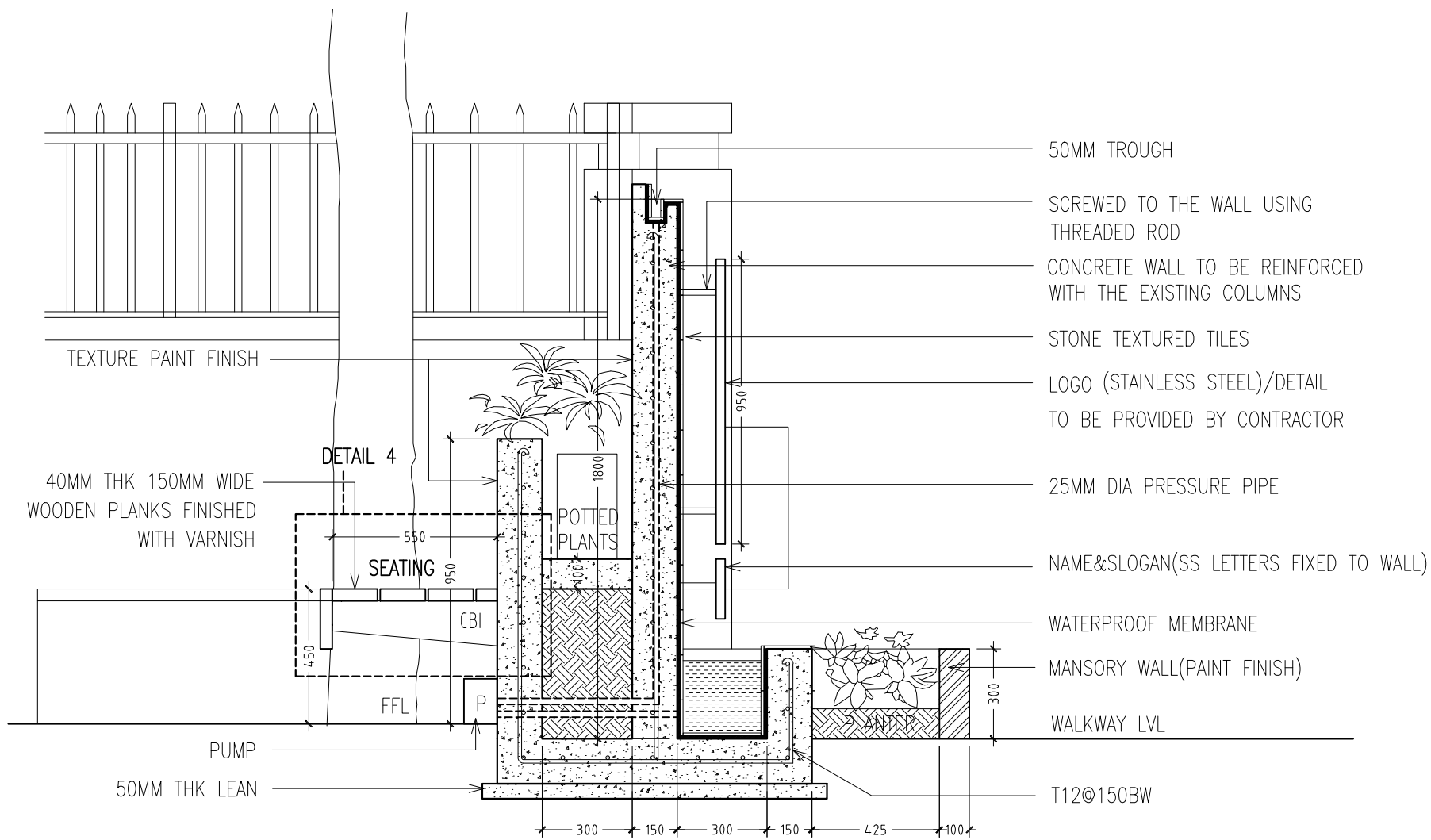
- NOTE:
- AREA OF WHOLE BOUNDARY WALL FOR PAINTING HAS TO BE MEASURED BY CONTRACTOR AT THE SITE.
 - WHOLE EXTERIOR & INTERIOR OF BOUNDARY WALL HAS TO BE REPAINTED WITH EXISTING COLOR CODE EXCEPT THE INTERIOR AREA OF BOUNDARY WALL AROUND PROPOSED LANDSCAPE.
 - THE INTERIOR OF BOUNDARY WALL AT PROPOSED LANDSCAPE AREA HAS TO BE TEXTURE PAINTED.

DETAIL -2-LOGO AREA & WATER FEATURE& SEATING
SCALE 1:50

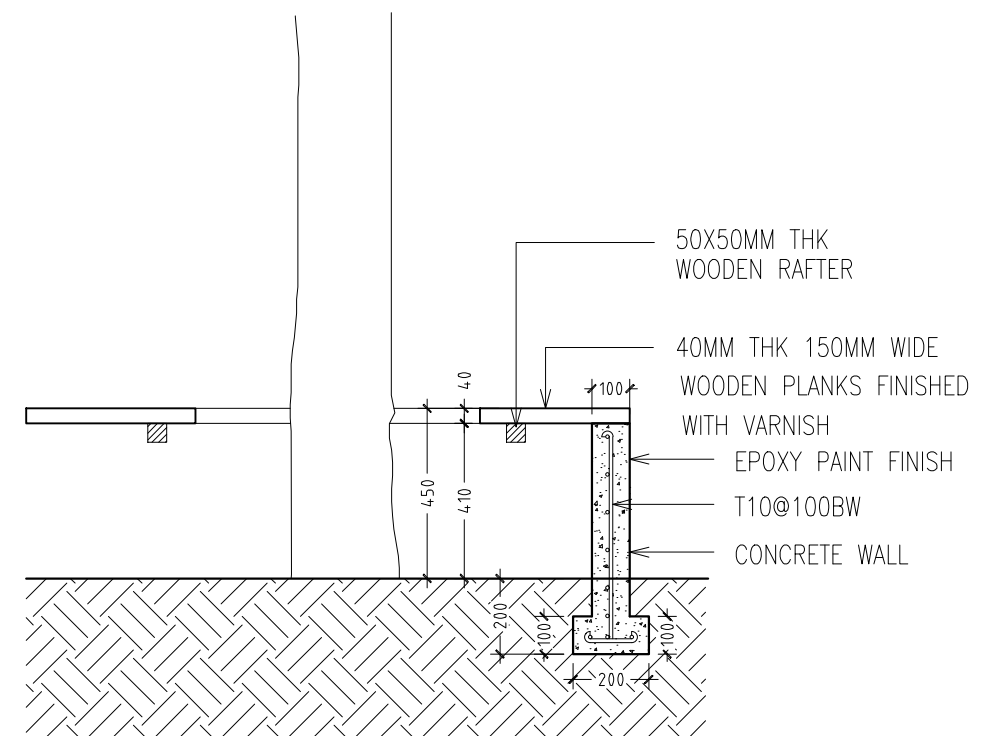
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-18
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
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DETAIL -2 -SECTION Y Y
SCALE 1:20



DETAIL -2 -SECTION Z Z
SCALE 1:20

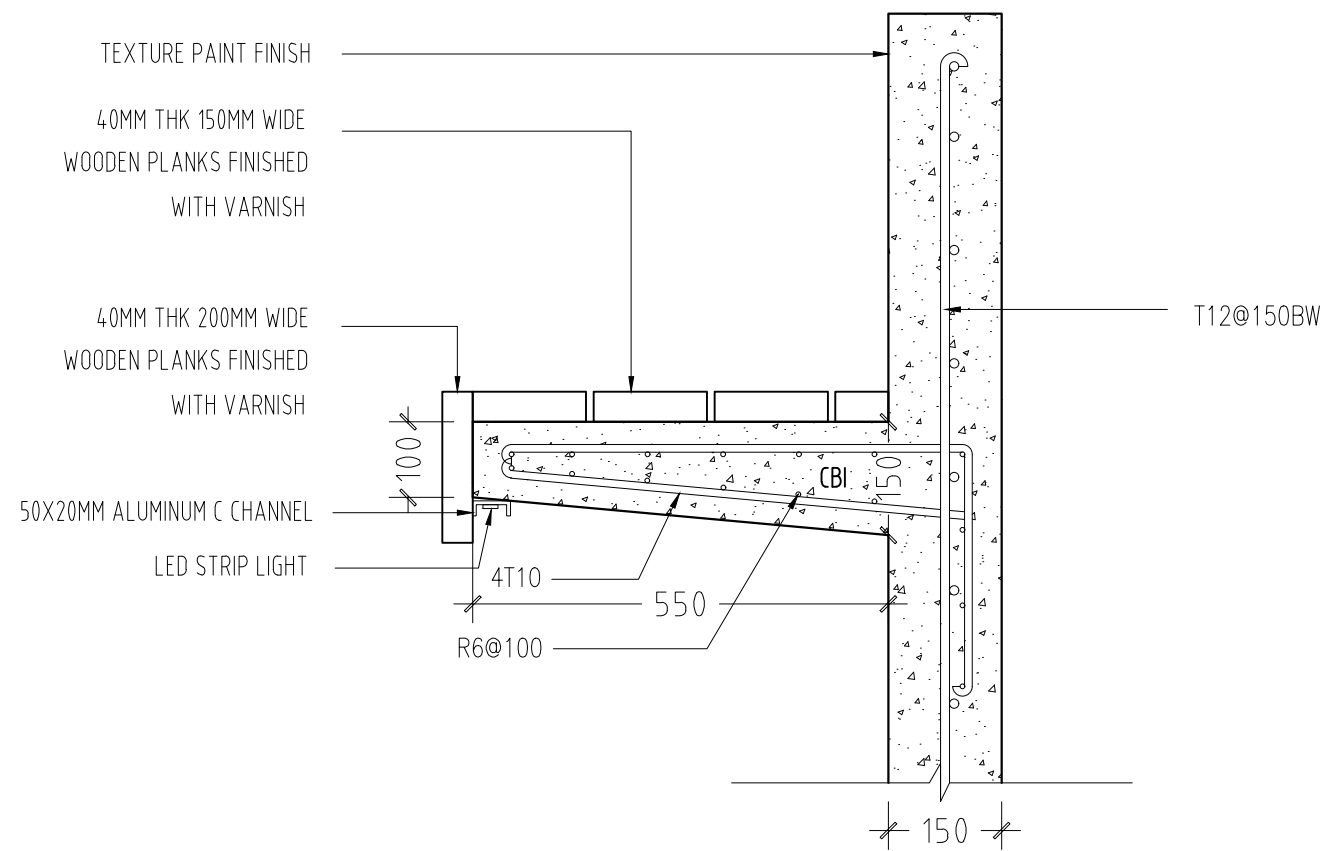
DETAIL -2 DETAIL OF LOGO BOARD & WATER FEATURE & SEATING
SCALE 1:20

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

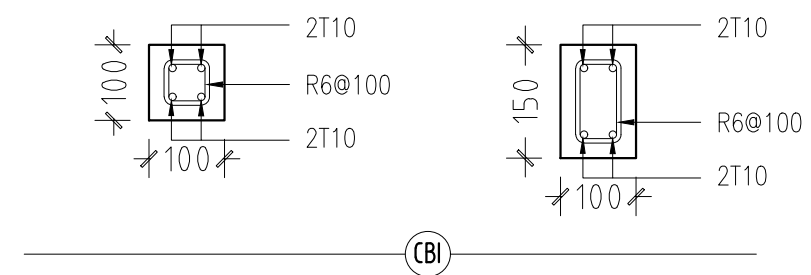
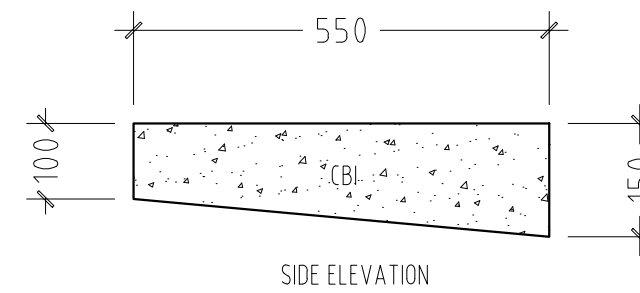


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	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023
		DWG NO: A-19
		PROJECT NO: 23-017

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DETAIL 4 - CANTILEVER BEAM 1
SCALE 1:10



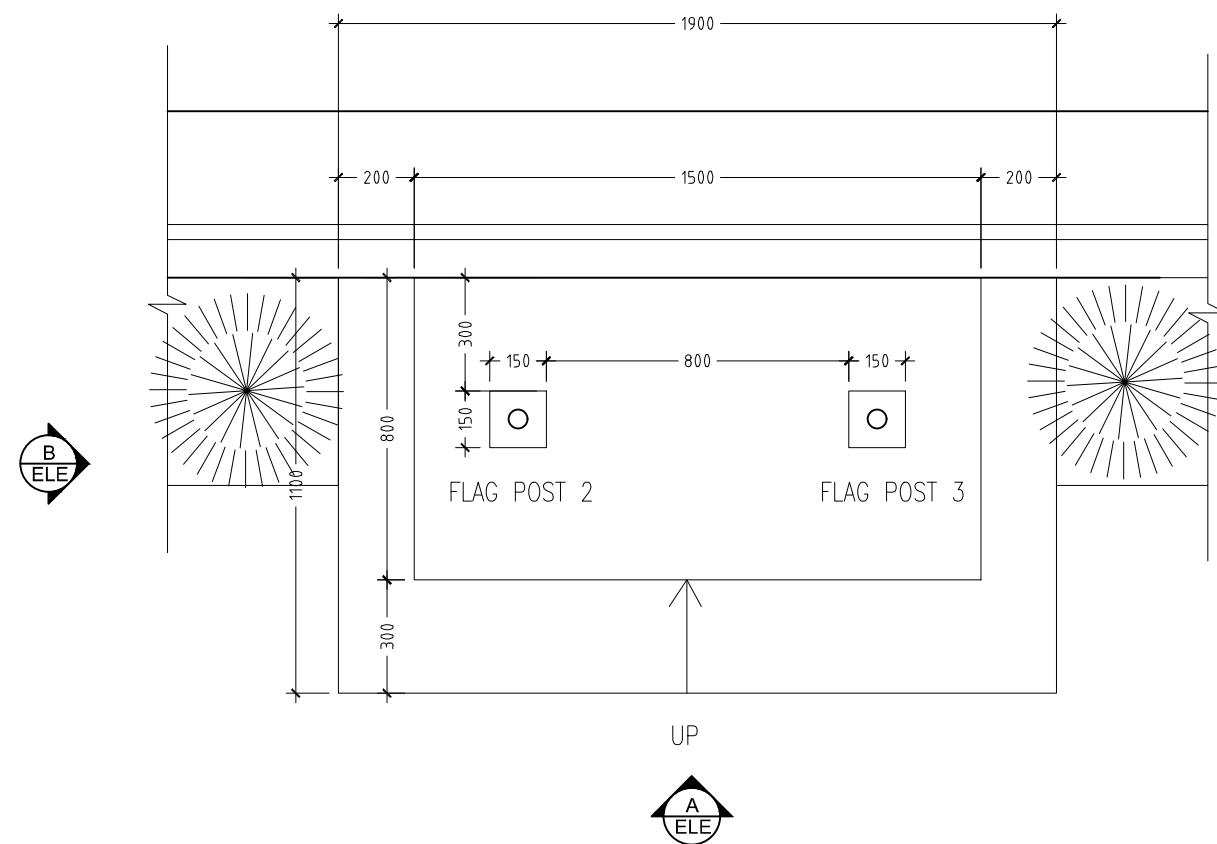
CB1- CANTILEVER BEAM 1
SCALE 1:10

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

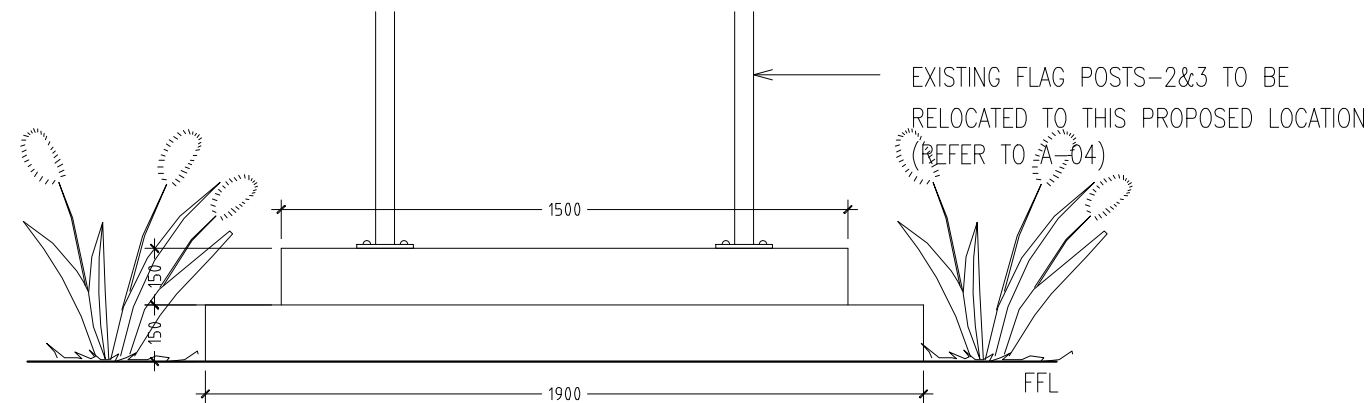
ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-20
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
			DWG NO
			PROJECT NO: 23-017

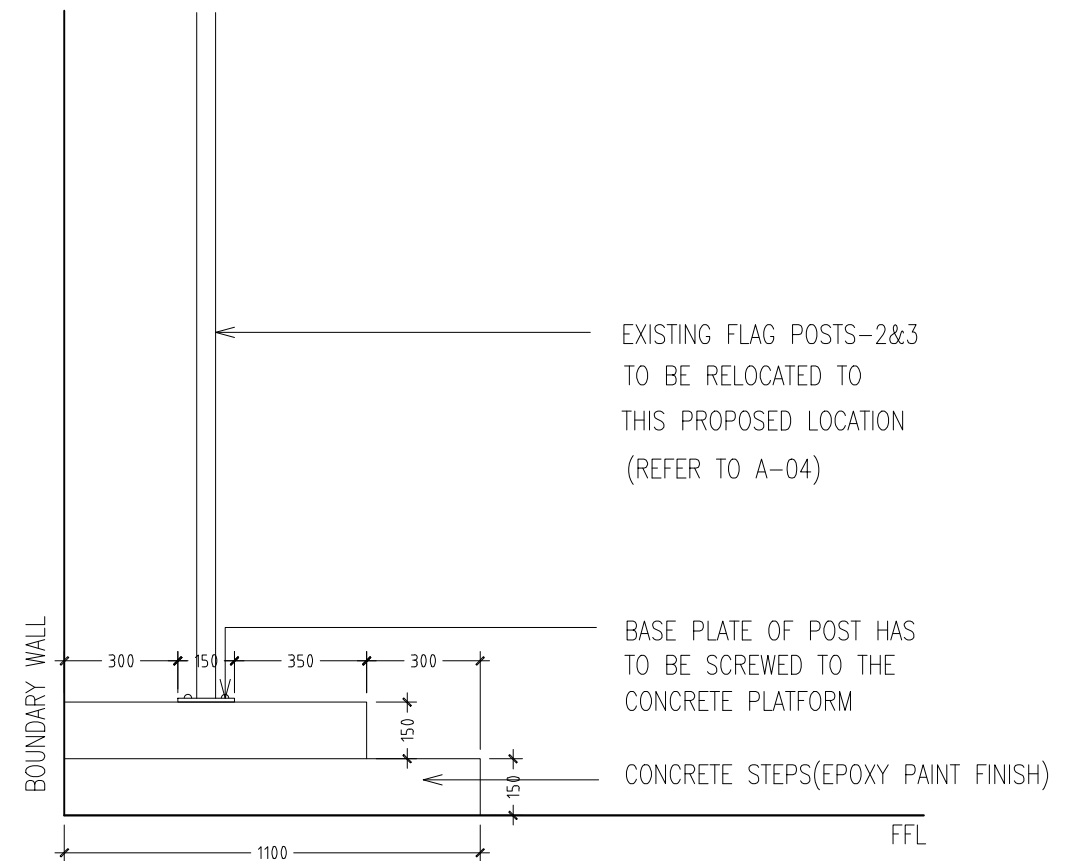
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FLAG POST - PLAN
SCALE 1:20



FLAG POST - ELEVATION A
SCALE 1:20



FLAG POST - ELEVATION B
SCALE 1:20

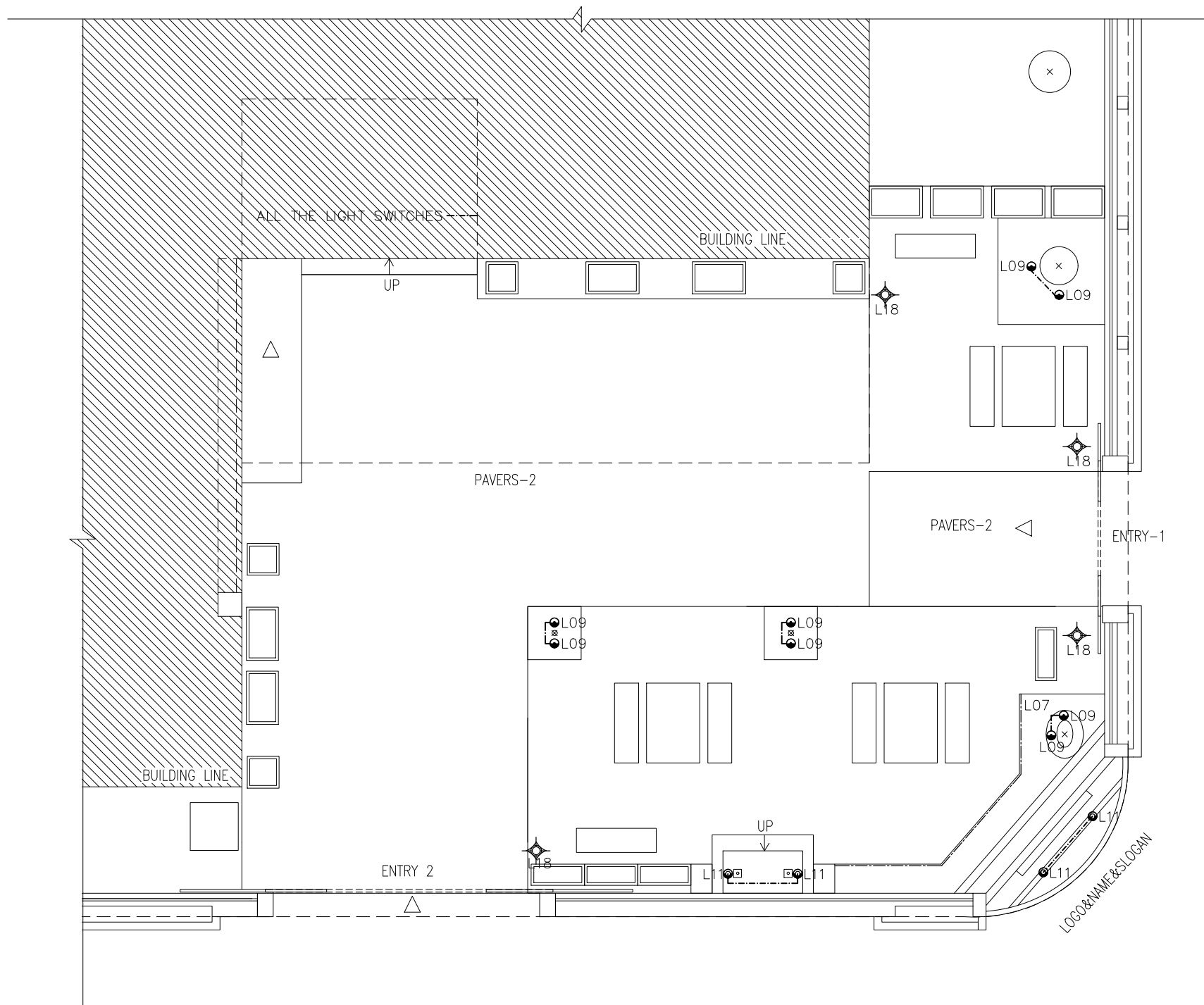
DETAIL - 3 - FLAG POST
SCALE 1:20

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS	A-21
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'	
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN	
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION	
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2023	
			DWG NO
			PROJECT NO: 23-017

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LIGHTING LEGEND

SYMBOL	CODE	DESCRIPTION
●	L09	12W WARM TREE ACCENT LIGHT WATER PROOF
●	L11	27W WARM LED FLOOD LIGHT WATER PROOF
⊕	L15	1X16W ENERGY SAVING WALL MOUNT WARM COMPACT FLUORESCENT LAMPS DECORATIVE LUMINAIRE
⊕	L17	1X16W ENERGY SAVING DAYLIGHT COMPACT FLUORESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE
⊕	L18	1X16W ENERGY SAVING WARM COMPACT FLUORESCENT DECORATIVE LAMP POST
---	L07	14W WARM LED LINEAR STRIP LIGHT WITH CONTROLLER WATER PROOF

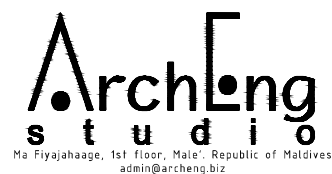
SWITCHES LEGEND

SYMBOL	CODE	DESCRIPTION
⤴	P19	1GANG 1 WAY SWITCH
⤴⤴	P20	2GANG 1 WAY SWITCH
⤴⤴⤴	P21	3 GANG 1 WAY SWITCH
⤴⤴⤴⤴	P22	4 GANG 1 WAY SWITCH
⤴⤴	P23	FAN / LIGHT DIMMER SWITCH
⬢	P33	DISTRIBUTION BOARD
⬢	P34	PANEL BOARD

*W. SOCKET/SWITCH INSTALLED INSIDE WEATHER PROOF COVER.

**PROPOSED LANDSCAPE AREA
- LIGHTING PLAN**
SCALE 1:100

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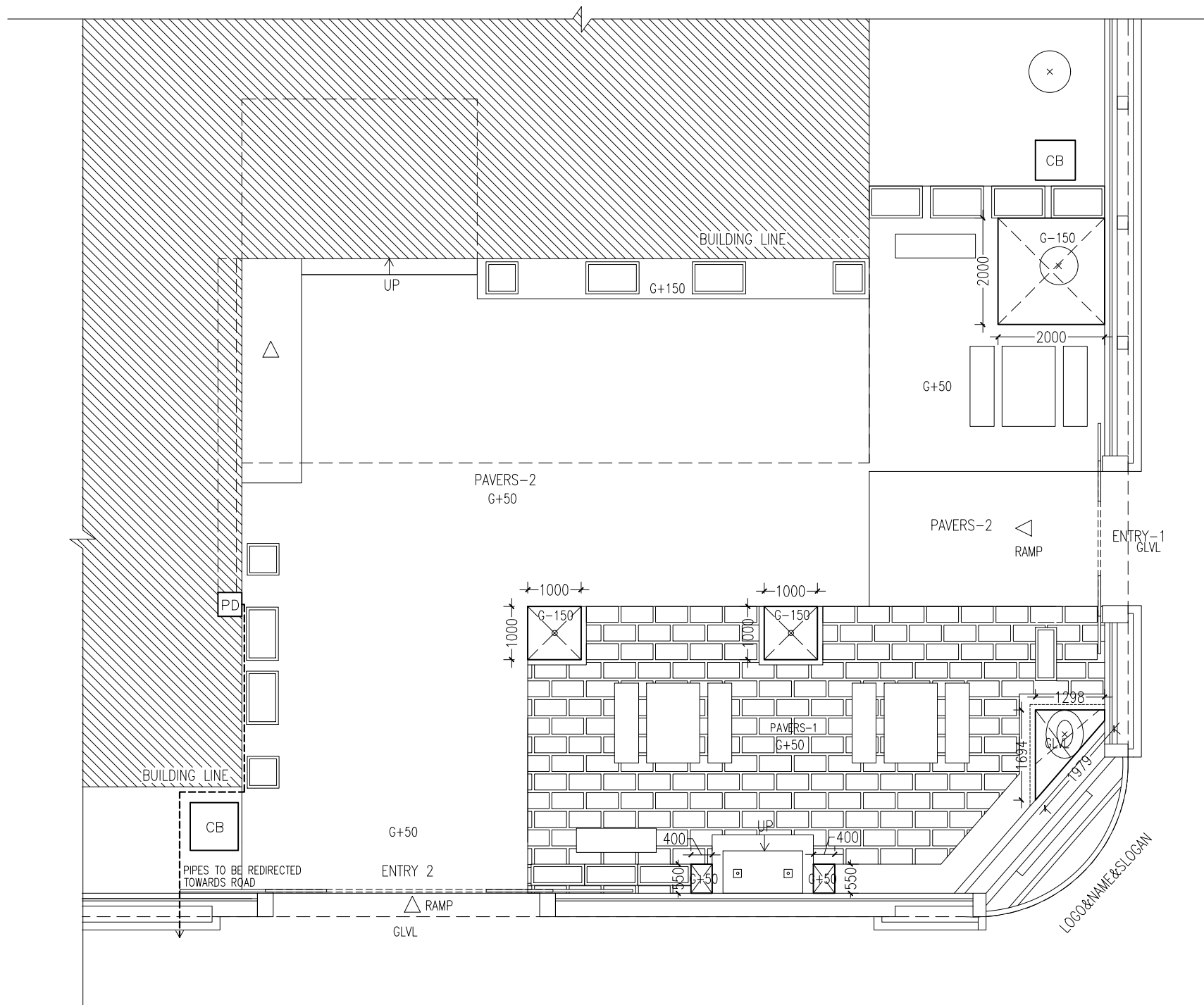


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: MALDIVES POLYTECHNIC, K.MALE' CAMPUS
	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN
		DIMENSION: MM
		DATE: JUNE 2023
		PROJECT NO: 23-017

E-01

DWG NO

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LEGEND

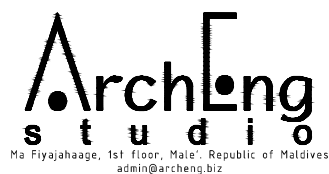
SYMBOL	DESCRIPTION
PD	PLUMBING DUCT
CB	CHAMBER
⊠	FLOOR DRAIN
---	75MM RAINWATER PIPE
⊠ with 'x'	PLANTER AREA

NOTE: PAVERS 1 HAS 50MM GAP FOR RAIN WATER DRAINING

**PROPOSED LANDSCAPE AREA
- RAINWATER DISPOSAL PLAN**

SCALE 1:100

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	ENGINEER: MARIYAM SAMAH	LOCATION: K.MALE'
	ARCHITECTURAL CHECKER: MOHAMED HAMEEN	DRAWING TITLE: AS GIVEN
	STRUCTURAL CHECKER: MOHAMED AHSAN	CLIENT: MINISTRY OF HIGHER EDUCATION
	DRAWN BY: DEVADHARSHINI	SCALE: AS GIVEN
		DIMENSION: MM
		DATE: JUNE 2023
		PROJECT NO: 23-017

P-01

DWG NO

PROJECT NO: 23-017

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