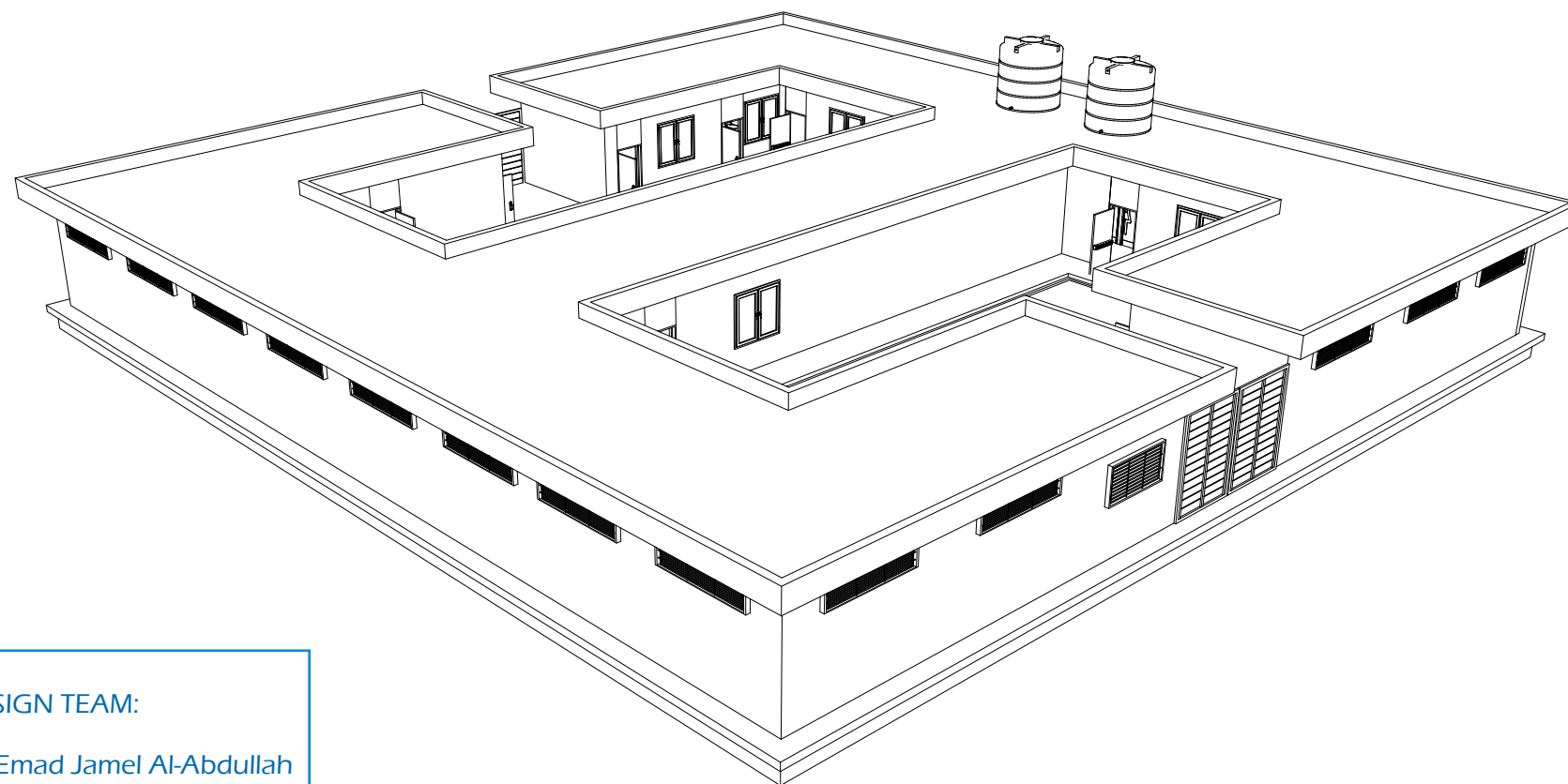
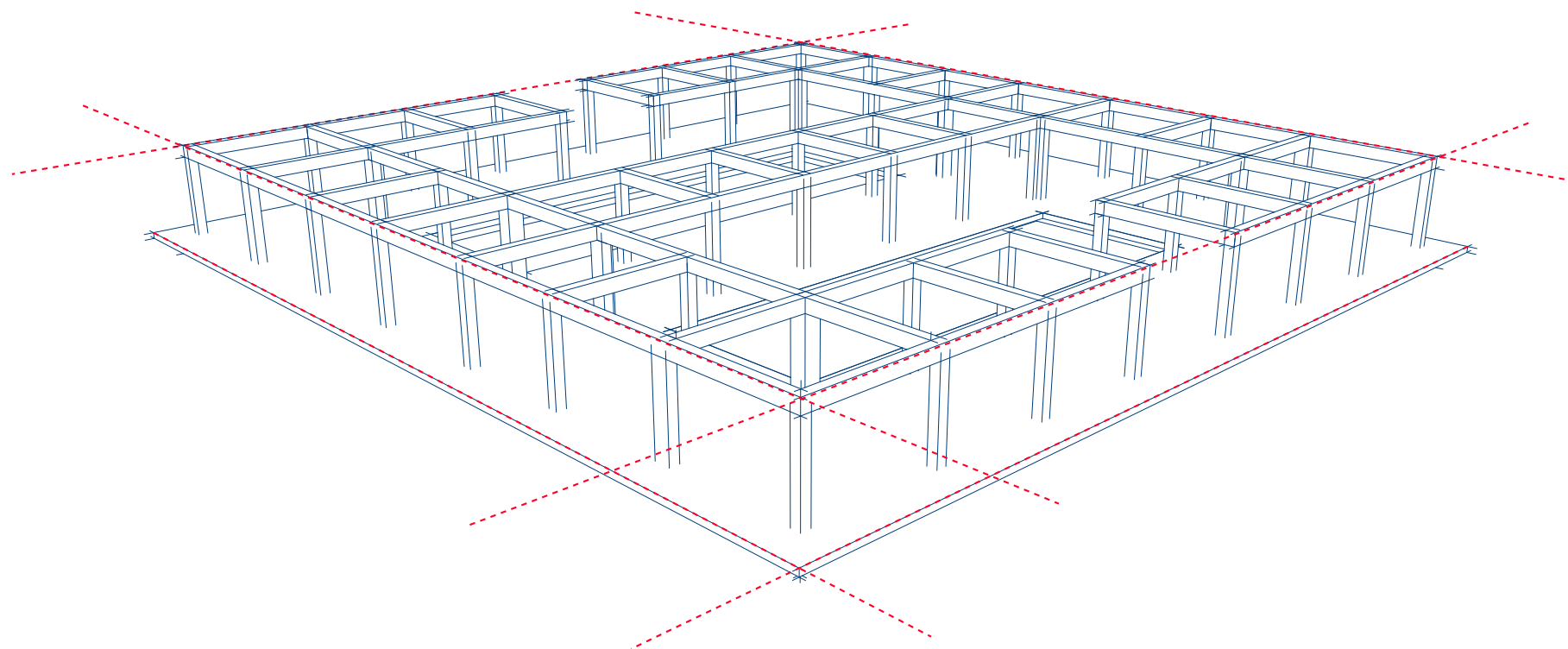
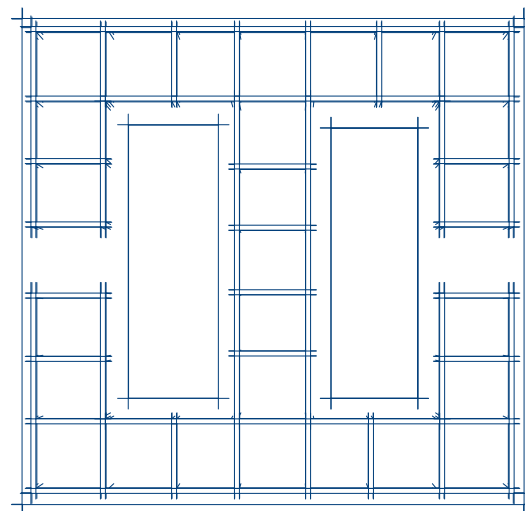
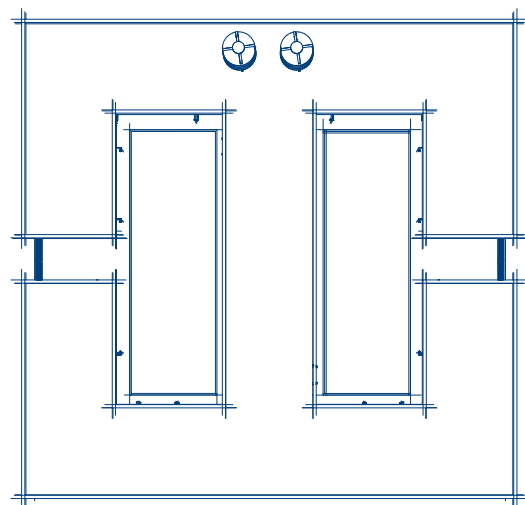




BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

SHEET NUMBER: 1

SHEET TITLE: General view and concept design

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed

STRUCTURAL DESIGN TEAM:

Emad Jamel Al-Abdullah

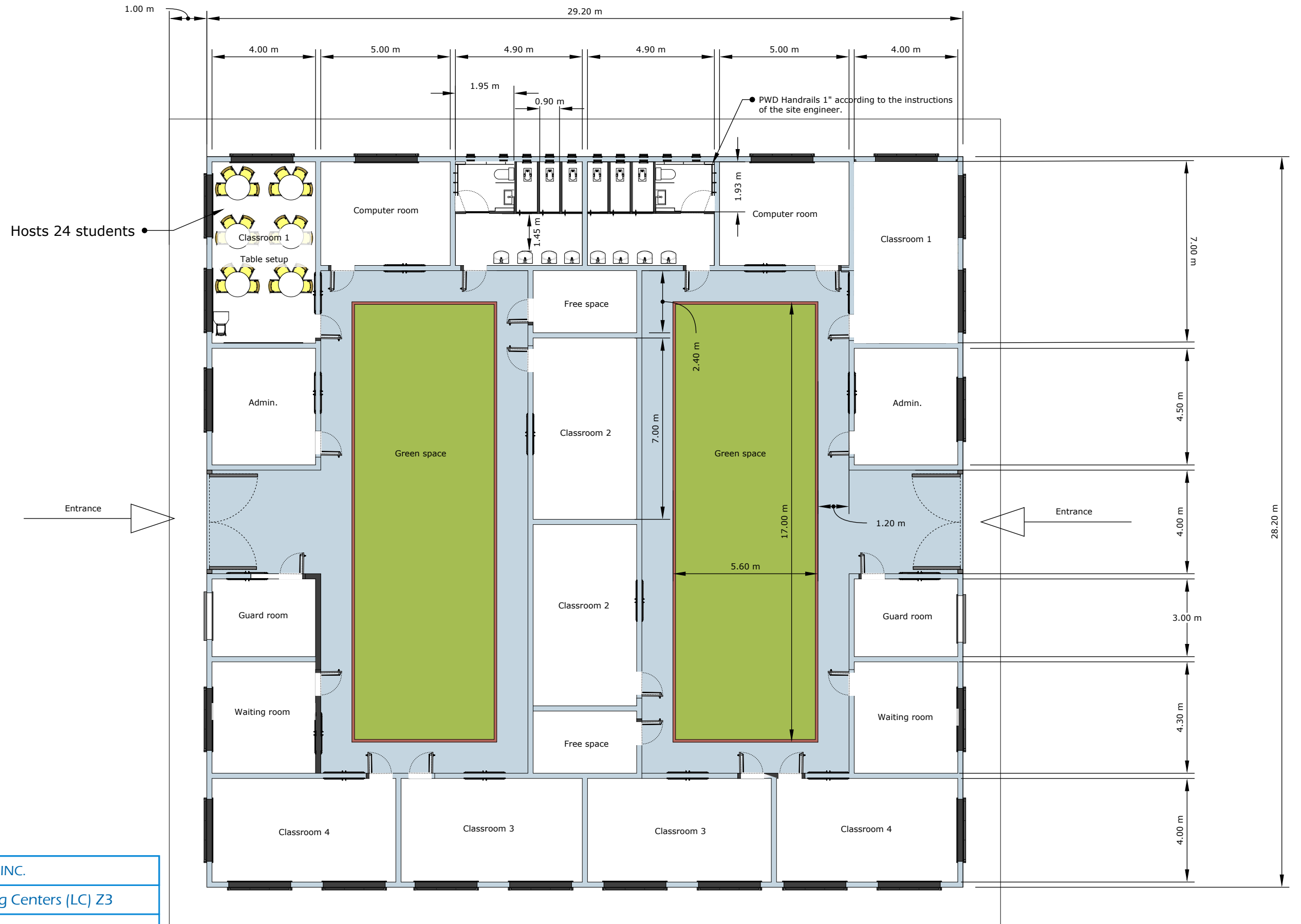
Bashar Rakan Al Atiyah

Basheer Abdulbak Ali

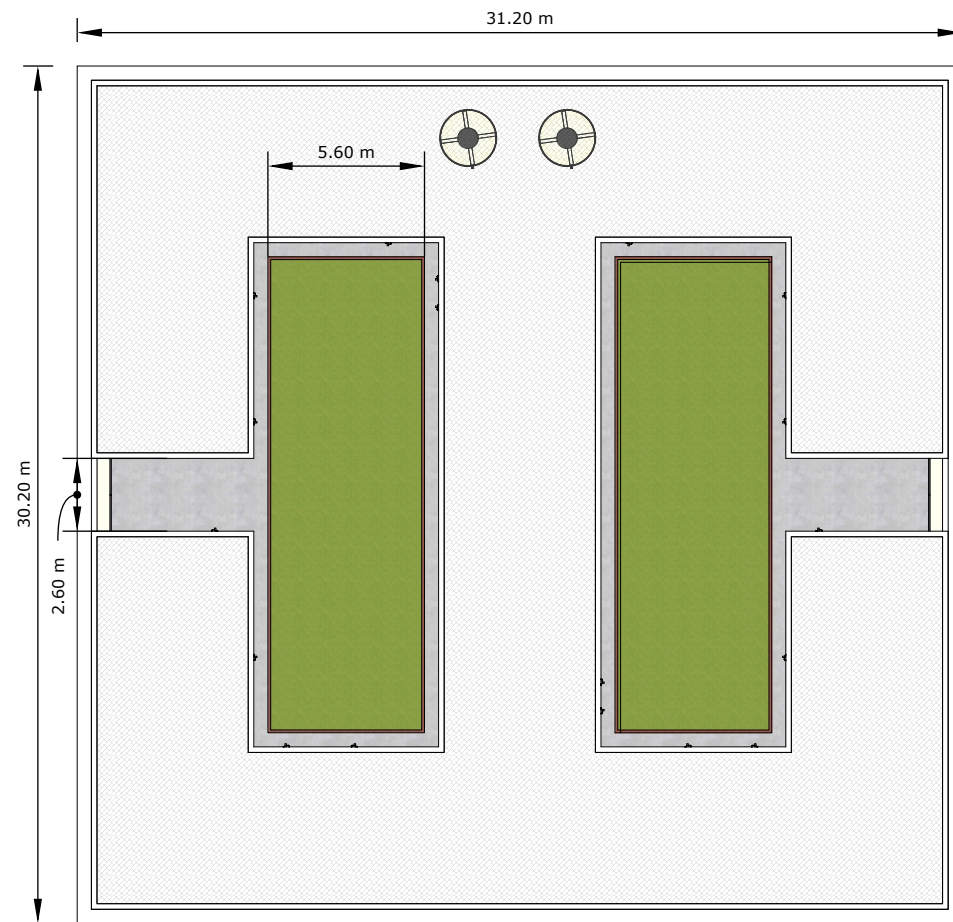
ELECTRICAL DESIGN:

Moafaq Hasan Kanw

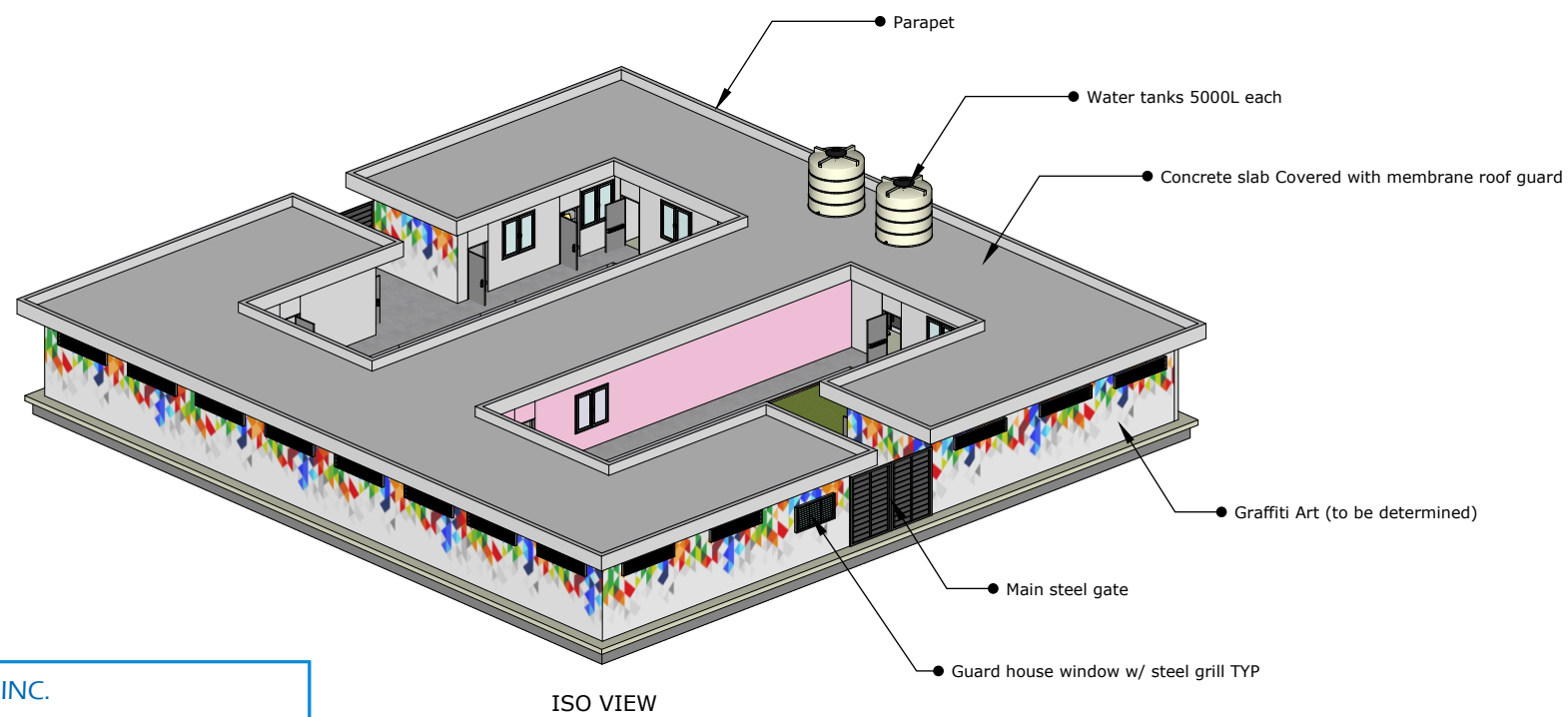
01
A CONCEPT VIEW
SCALE 1:200



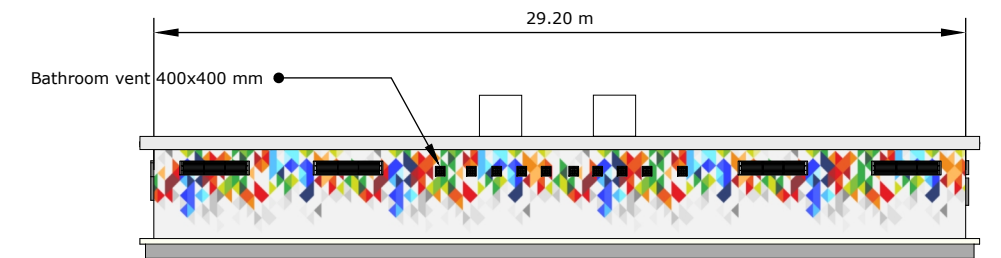
BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 2
SHEET TITLE: Architectural views 1
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed



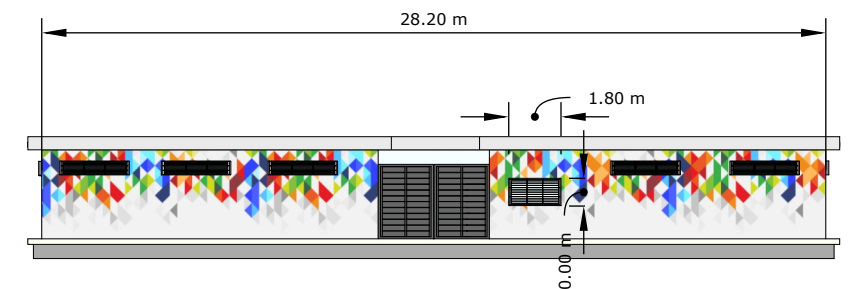
TOP VIEW



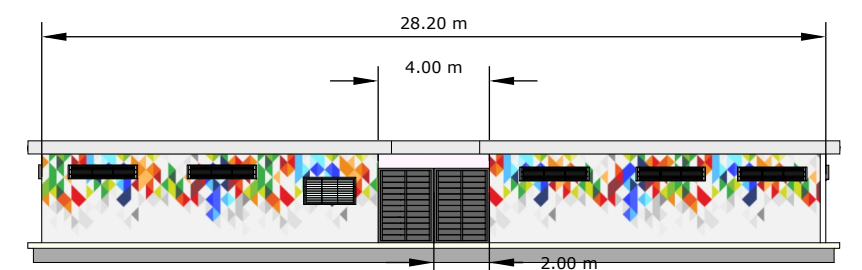
ISO VIEW



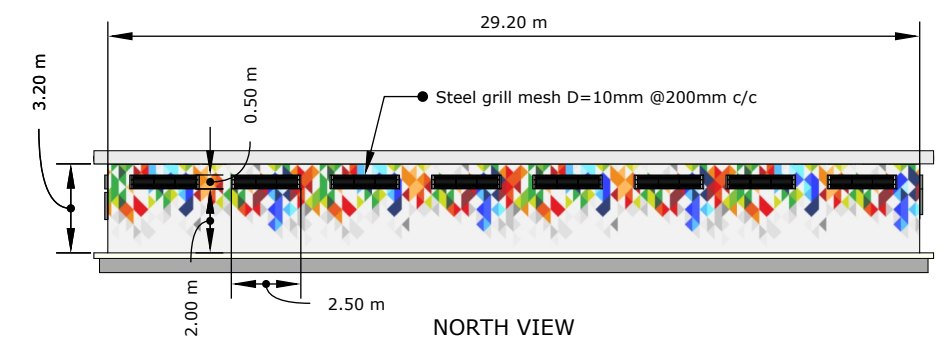
SOUTH VIEW



EAST VIEW



WEST VIEW



NORTH VIEW

BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

SHEET NUMBER: 3

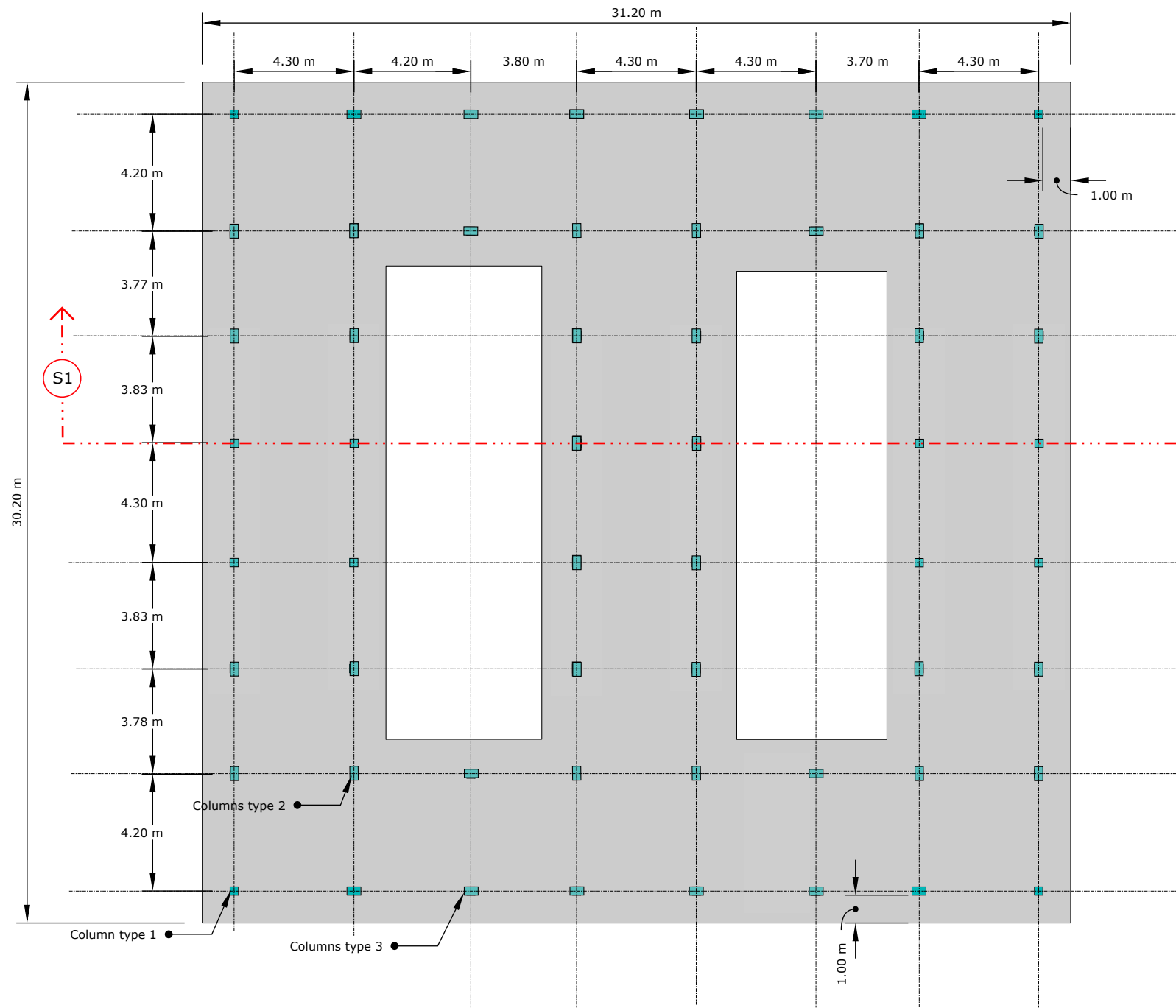
SHEET TITLE: Architectural views 1

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed

03 STANDARD VIEWS
A SCALE 1:270

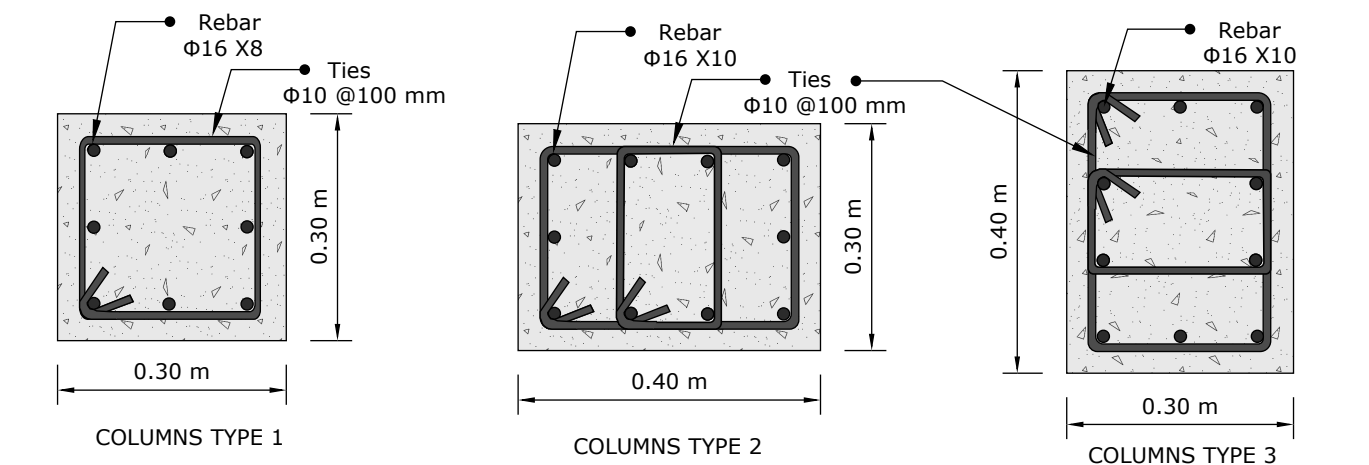
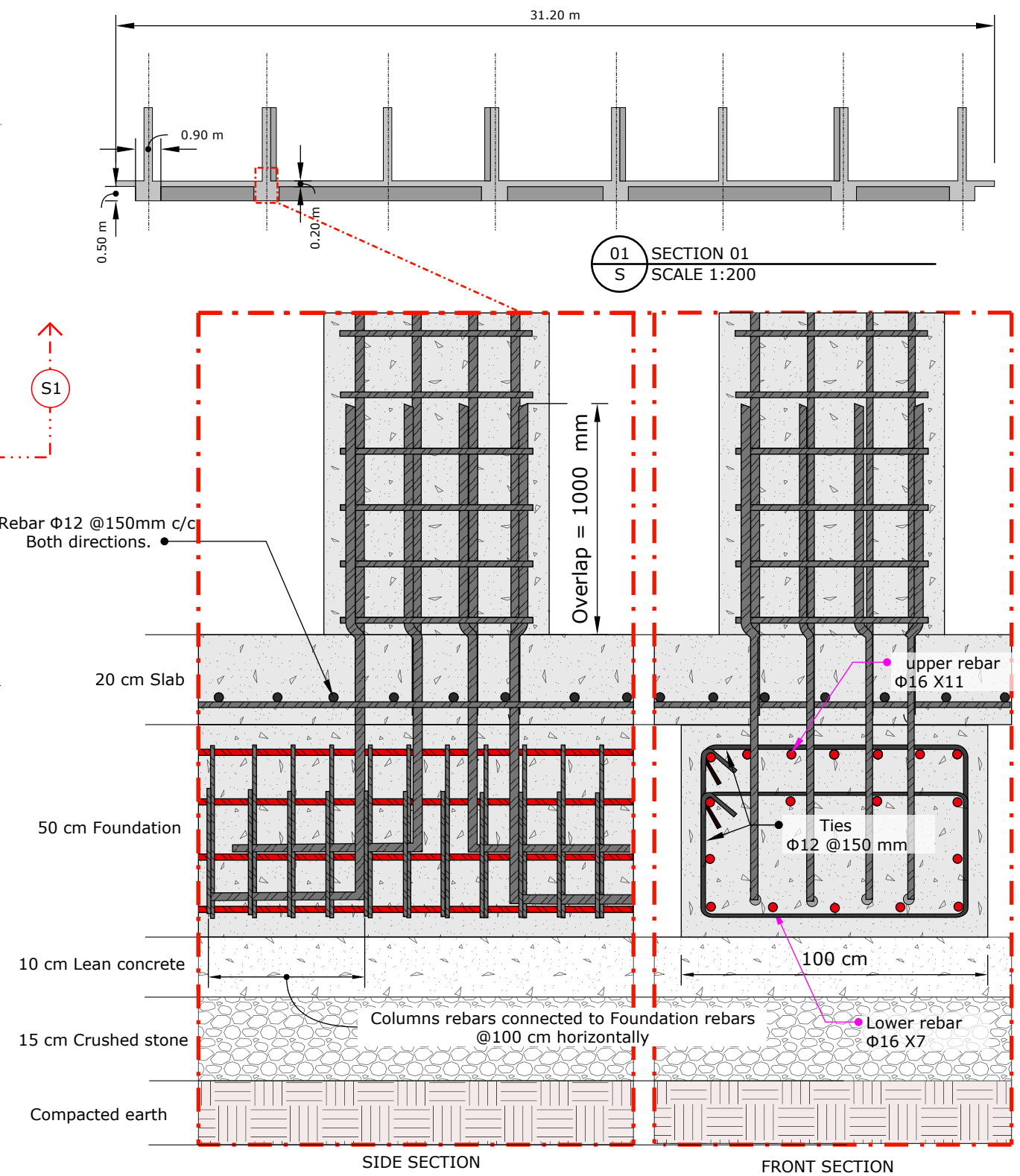
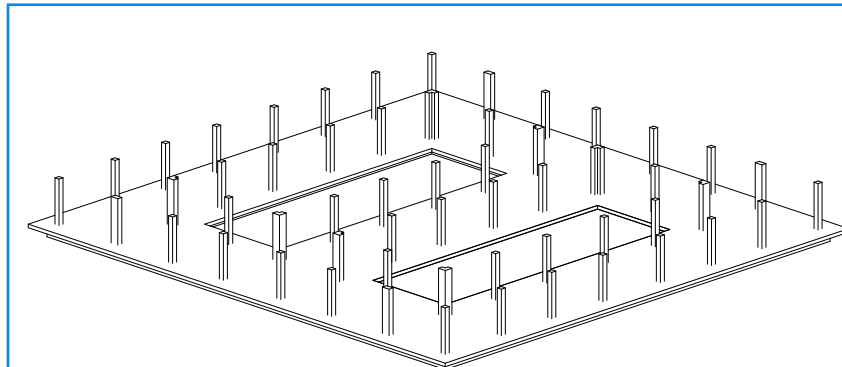


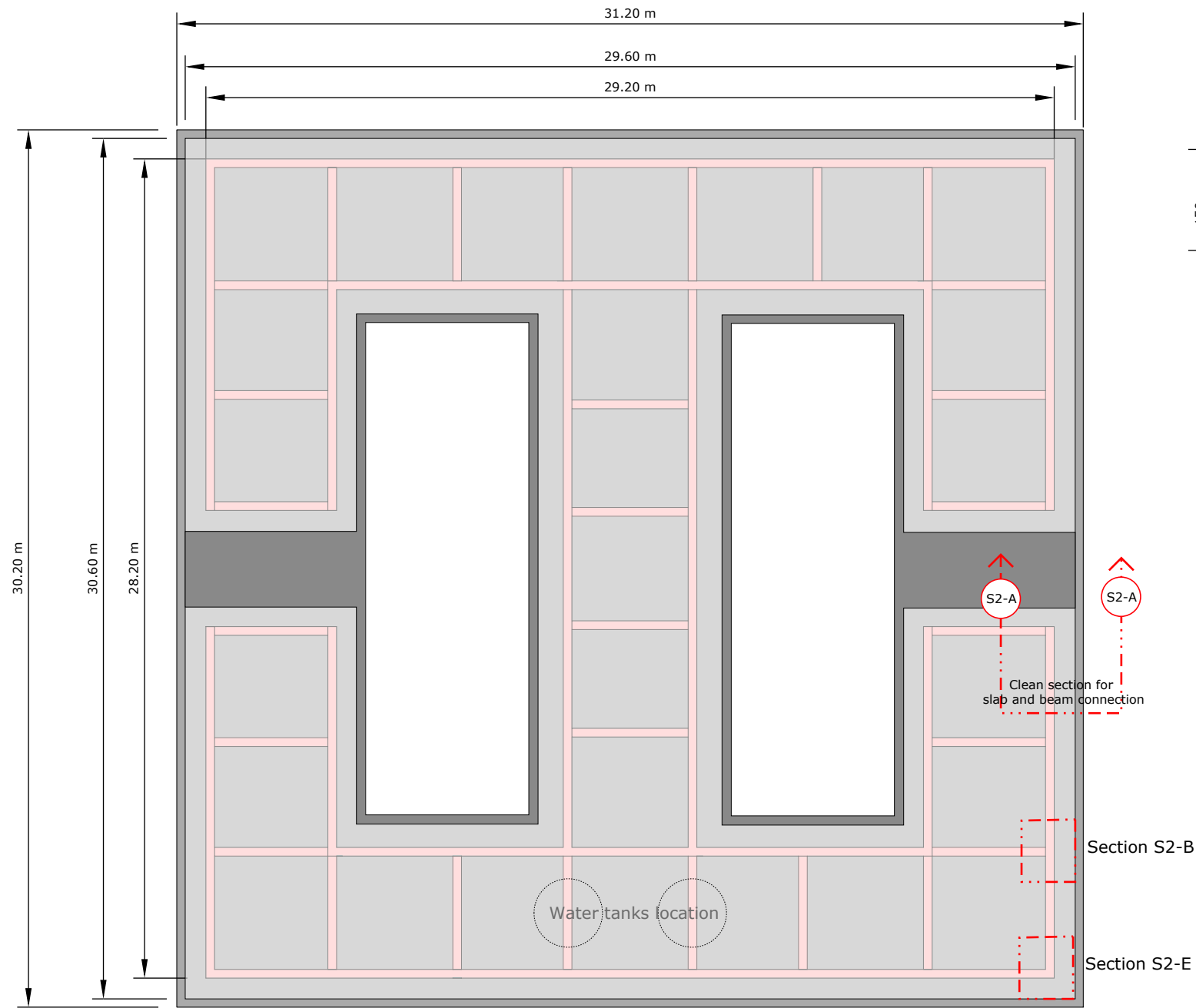
04 FOUNDATION AND COLUMN VIEW
A SCALE 1:200

NOTES:

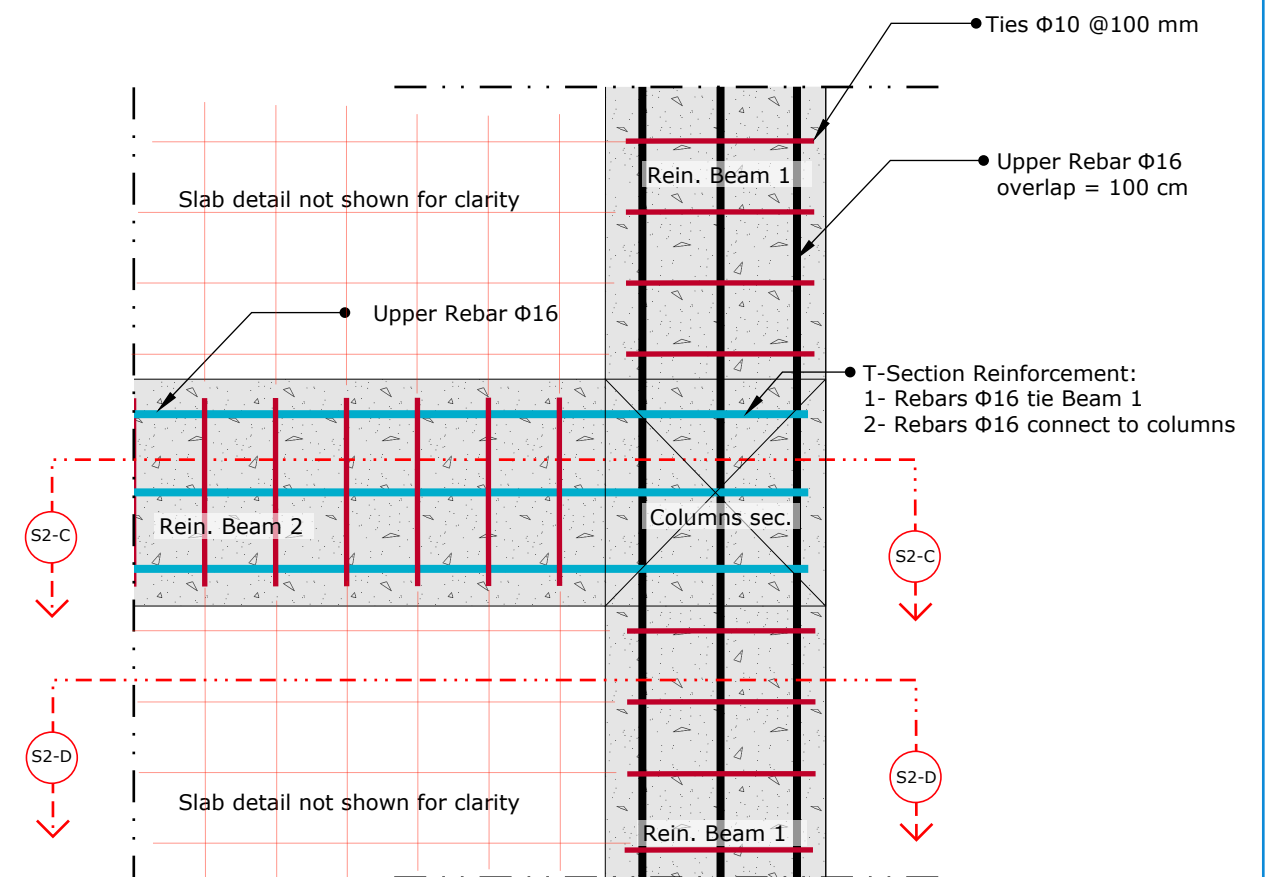
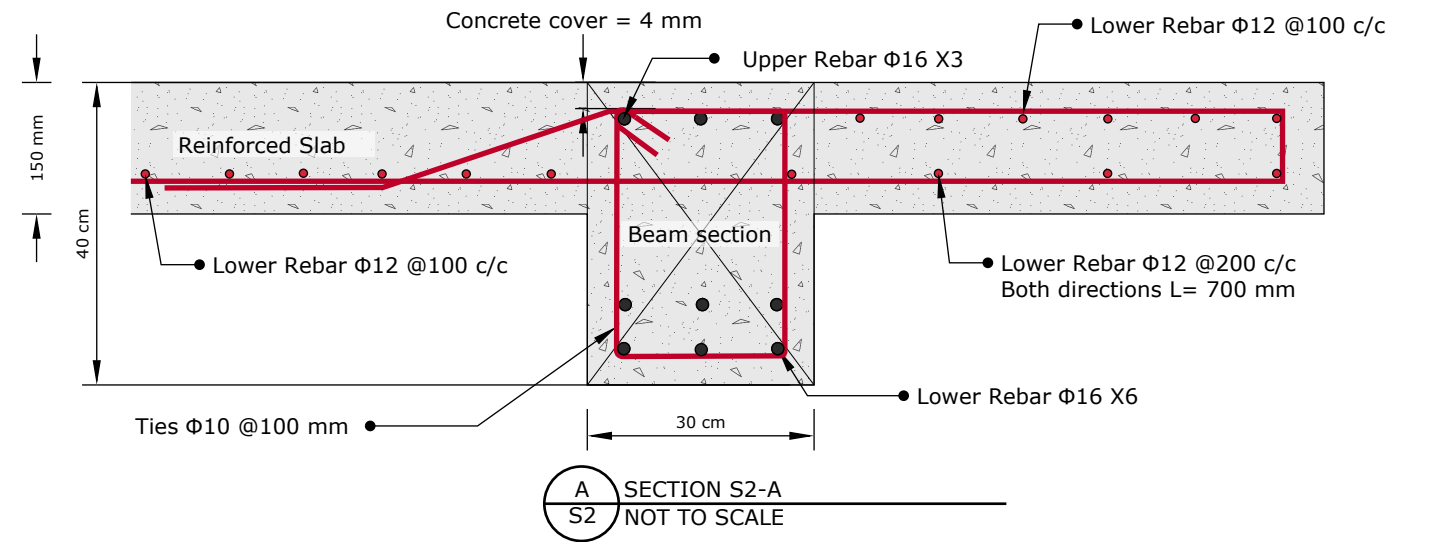
- * LEAN CONCRETE LAYER OF 10CM SHALL BE IMPLEMENTED BELOW ALL CONCRETE STRUCTURES
- * EARTHFILL AND CRUSHED STONE LAYERS COMPACTIONS SHALL BE TESTED AND APPROVED.
- *CONCRETE COVER SHALL BE 10CM FOR FOUNDATION AND 4CM FOR COLUMNS @ALL SIDES

BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 4
SHEET TITLE: Structural views 1
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed



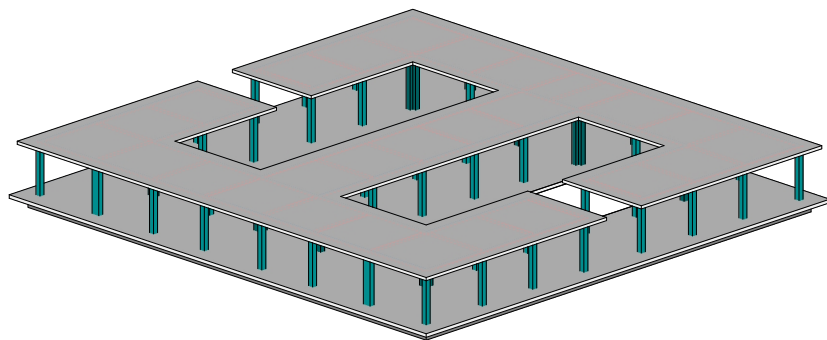


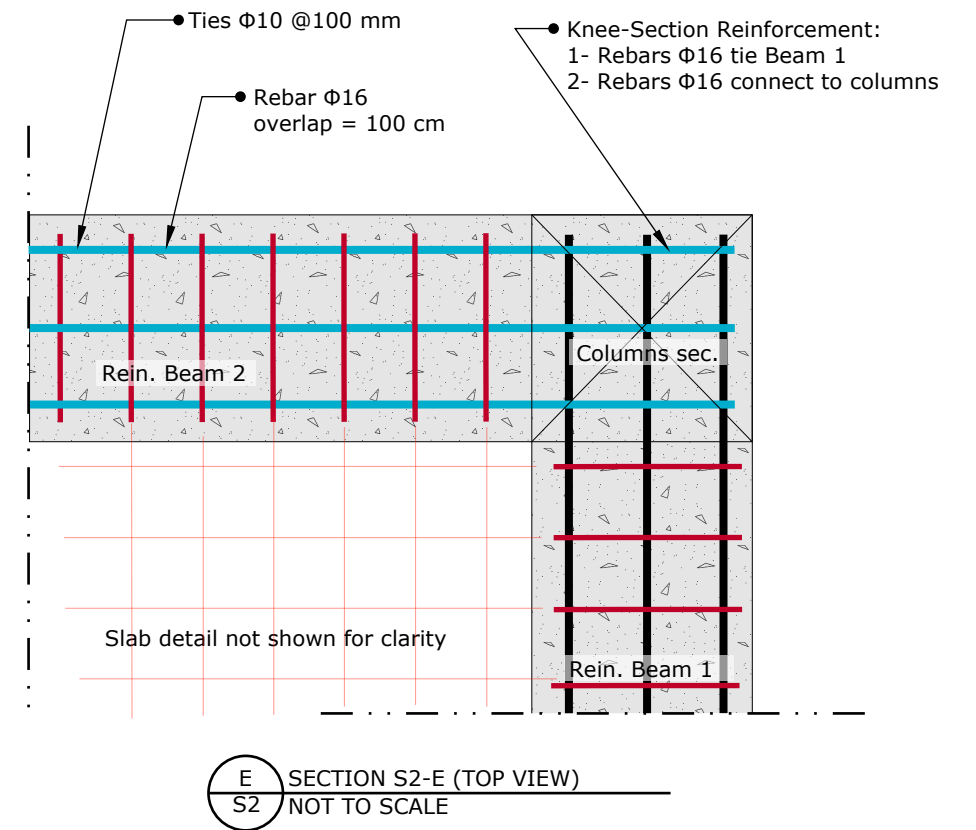
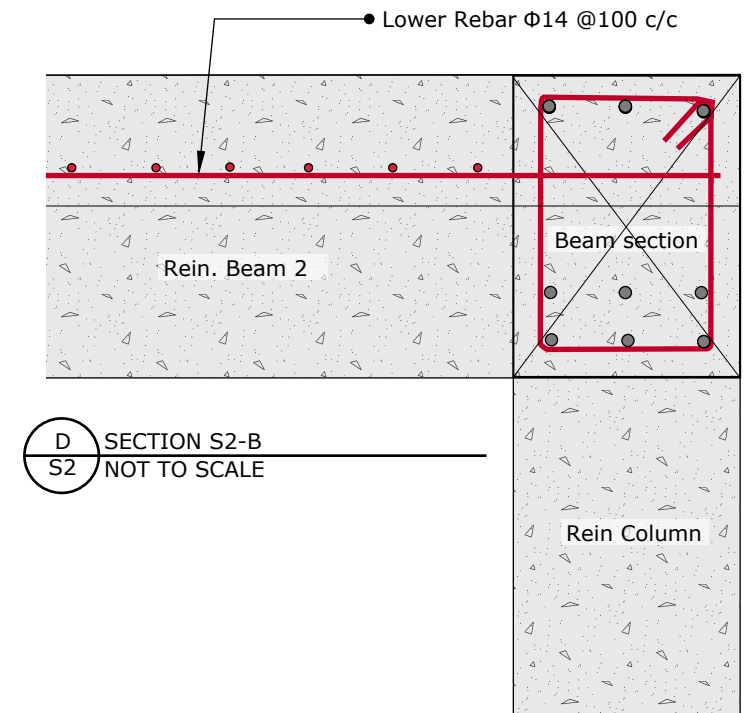
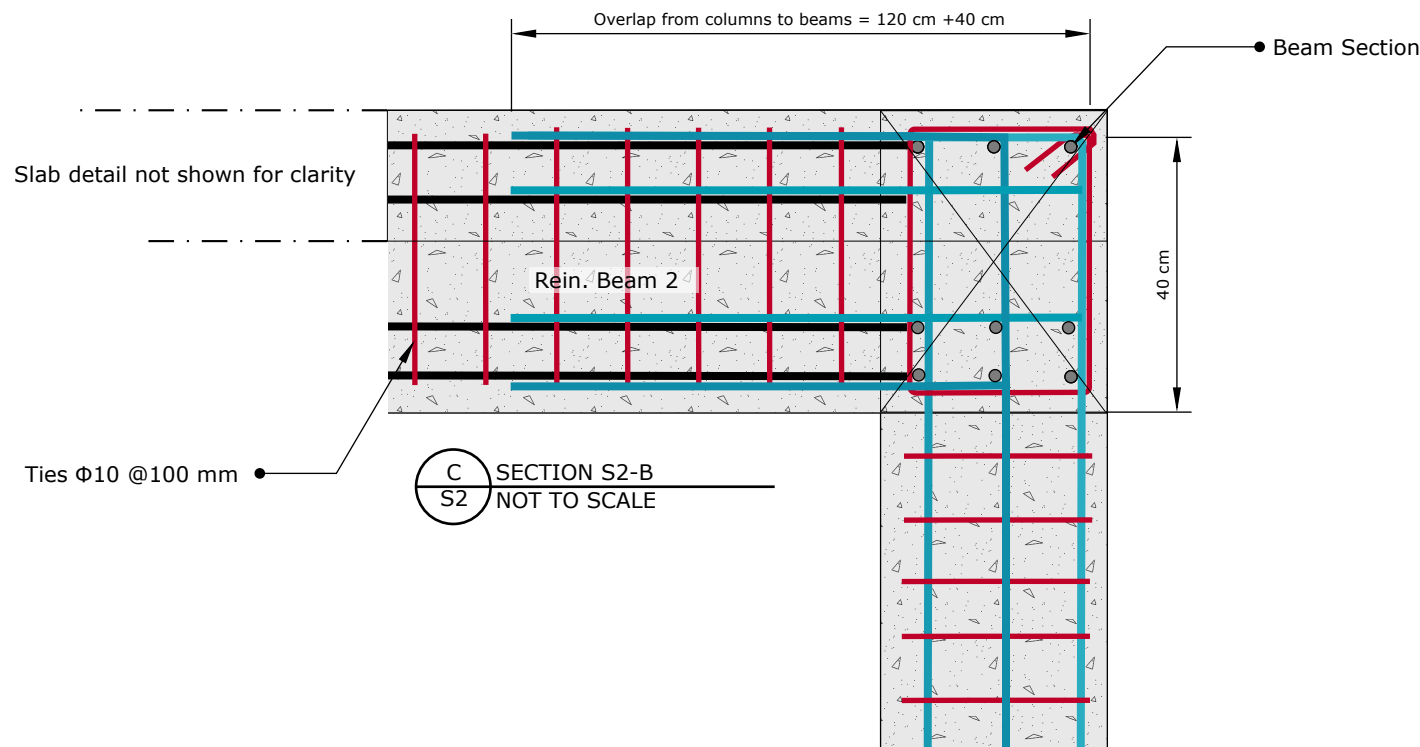
05
A COLUMN AND BEAM VIEW
SCALE 1:200



B
S2 SECTION S2-B (TOP VIEW)
NOT TO SCALE

BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 5 - A
SHEET TITLE: Structural views 2
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed





BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

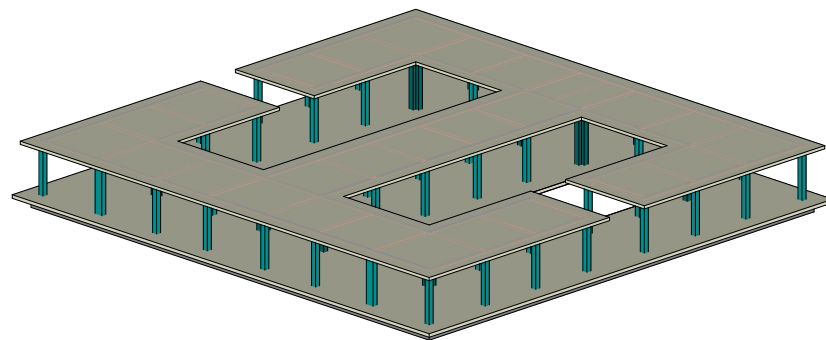
SHEET NUMBER: 5 - B

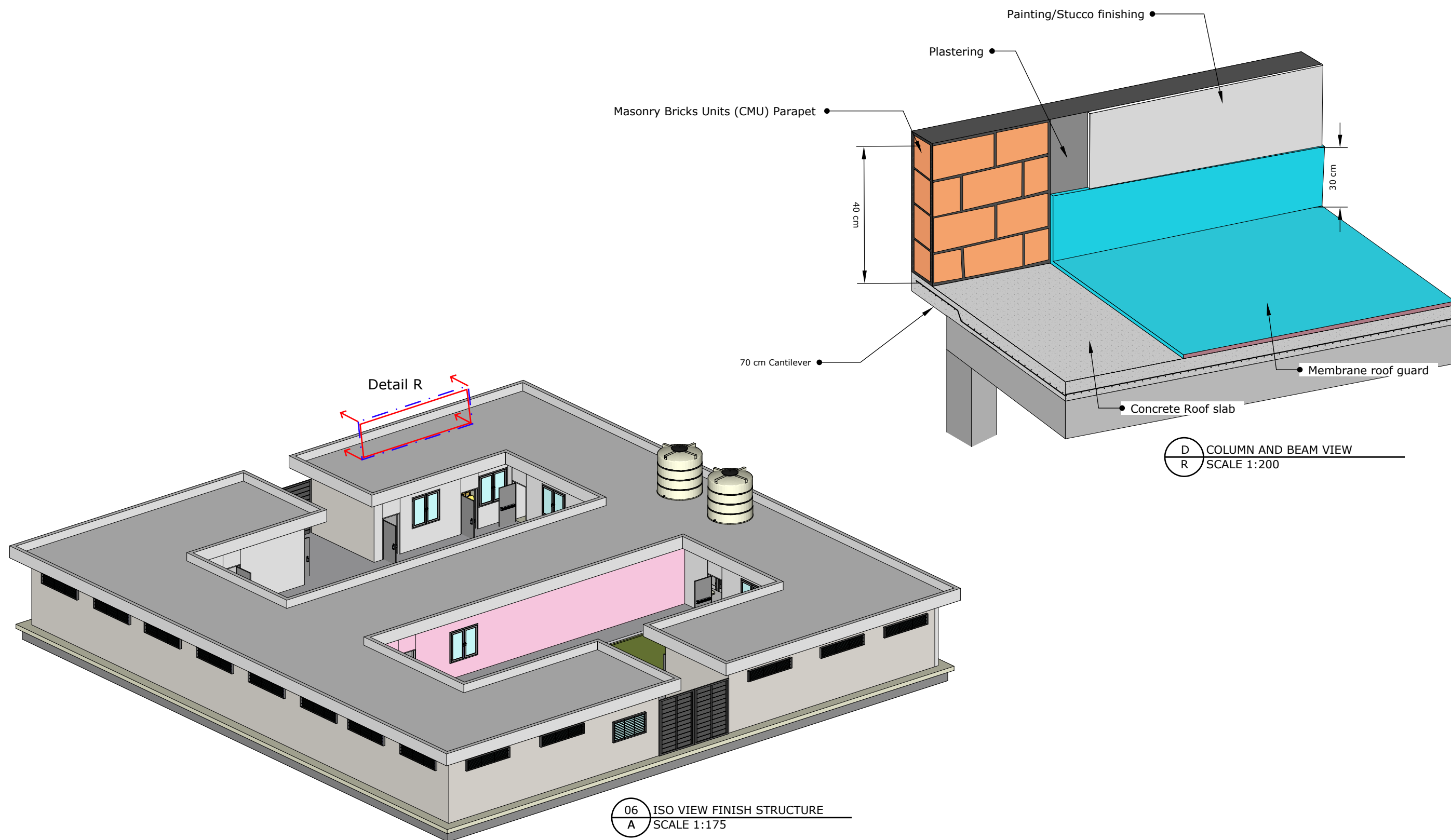
SHEET TITLE: Structural views 3

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed

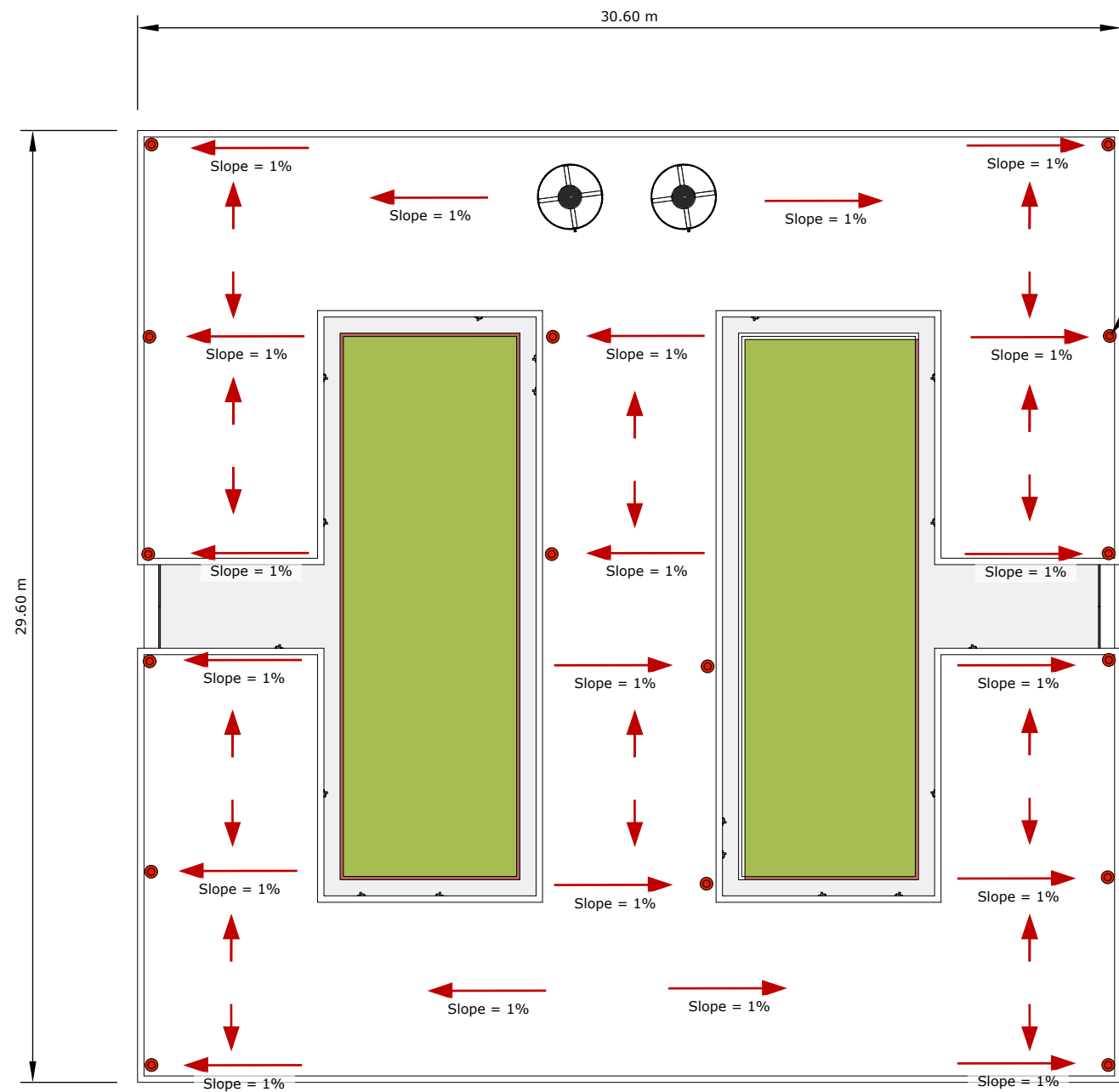




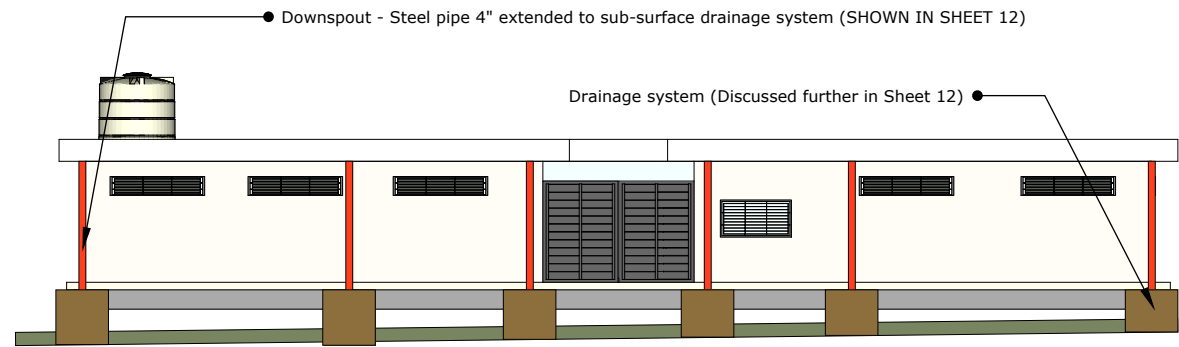
D COLUMN AND BEAM VIEW
R SCALE 1:200

06 ISO VIEW FINISH STRUCTURE
A SCALE 1:175

BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 6
SHEET TITLE: Structural views 3
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed



Downspout - Steel pipe 4" extended to sub-surface drainage system (SHOWN IN SHEET 12)



10 ROOF ISO VIEW
A SCALE 1:200

Downspouts are connected to manholes directly and flush to the walkway
Downspouts shall not cross windows
Downspouts shall be fixed to the walls by at least three locations per pipe

08 ROOF VIEW DRAINAGE PLAN
A SCALE 1:200

BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

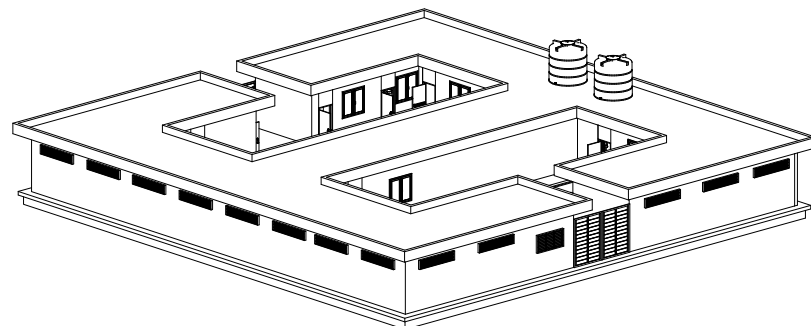
SHEET NUMBER: 7

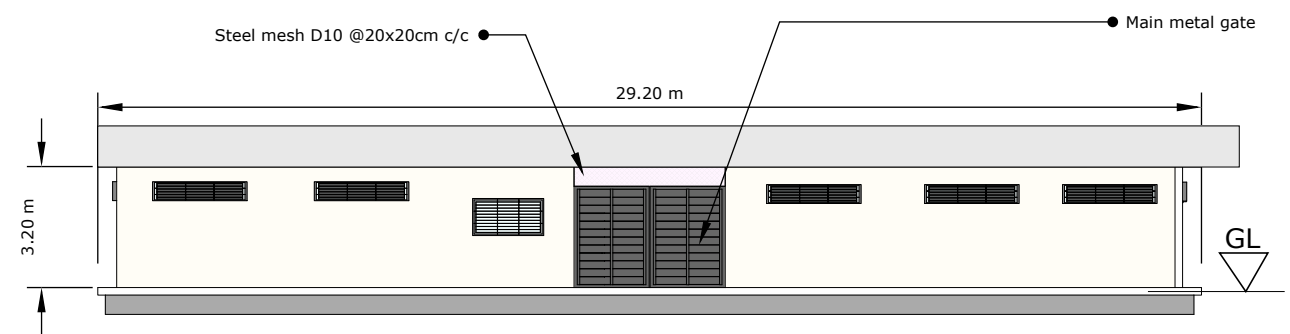
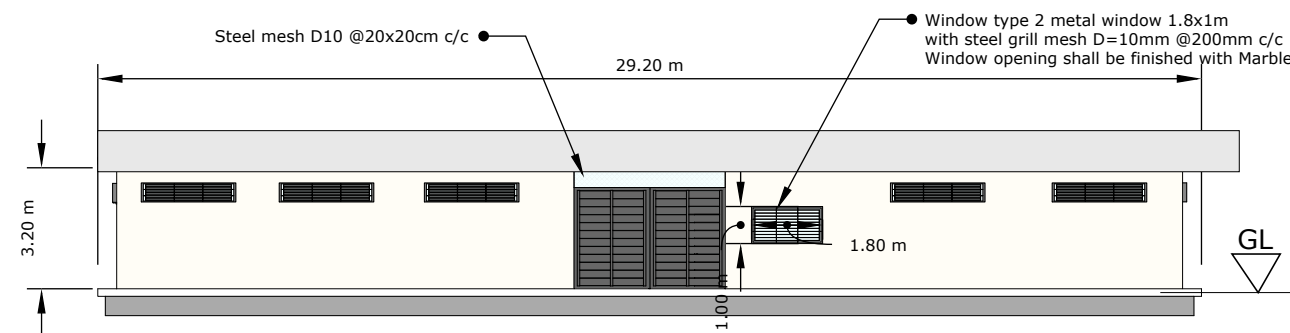
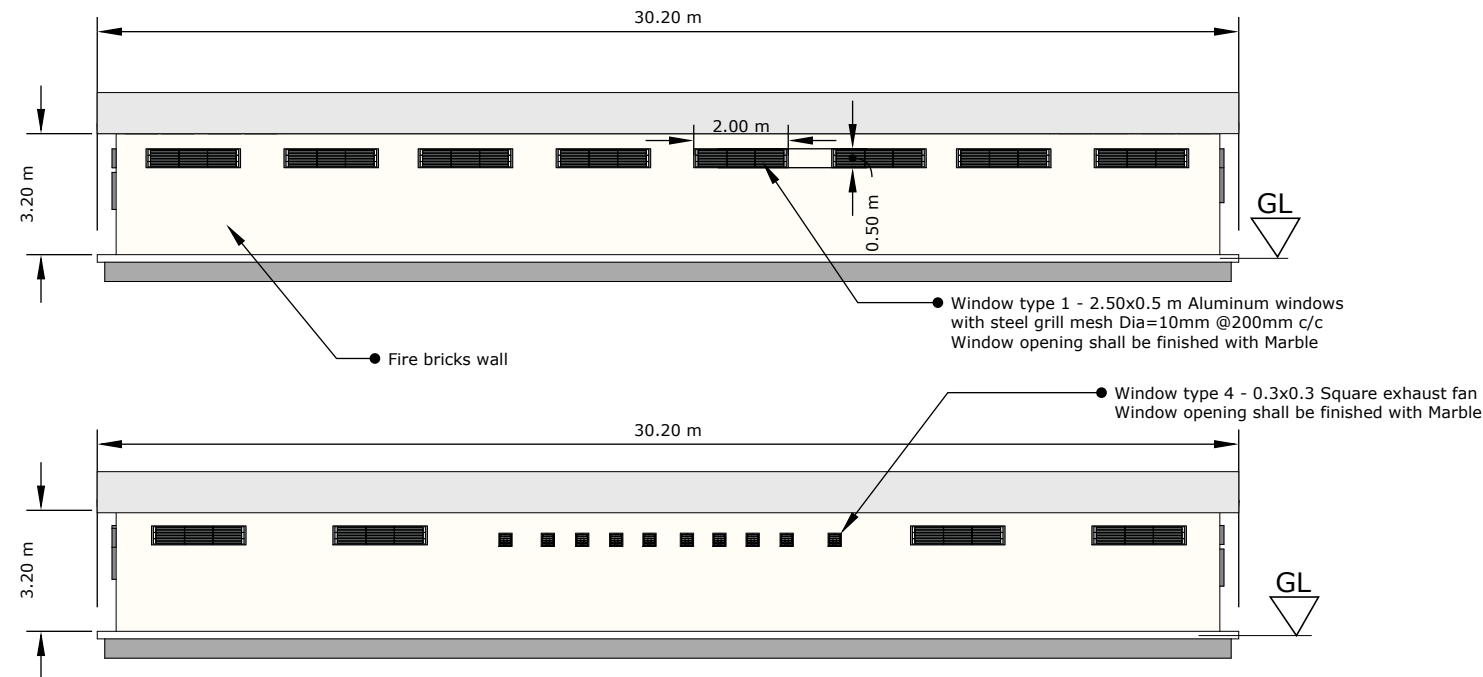
SHEET TITLE: Structural views 4

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

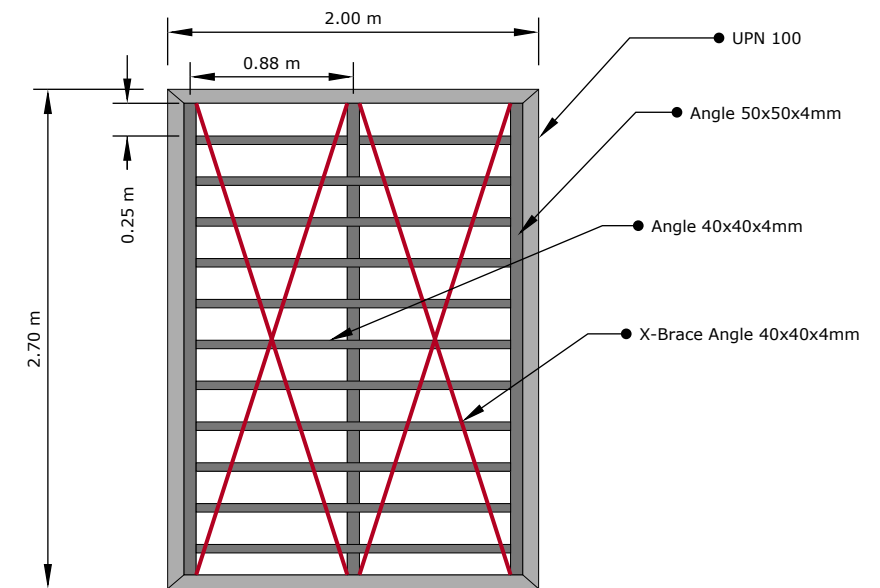
APPROVAL: Ibrahim A. Ahmed



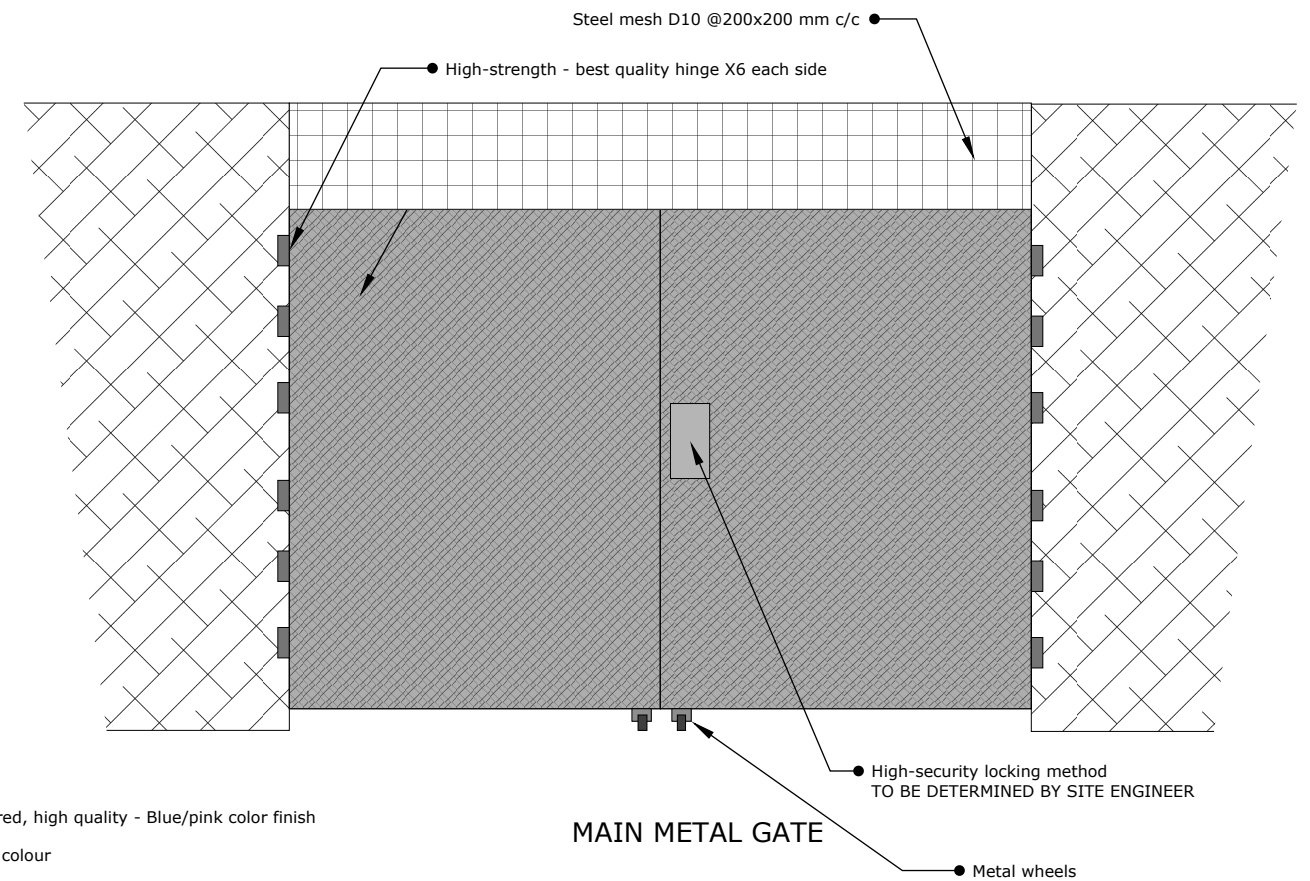


Window type 3 - Aluminum slide windows (Grey)
1.8x1.5 m - no protection grill
Window opening shall be finished with Marble

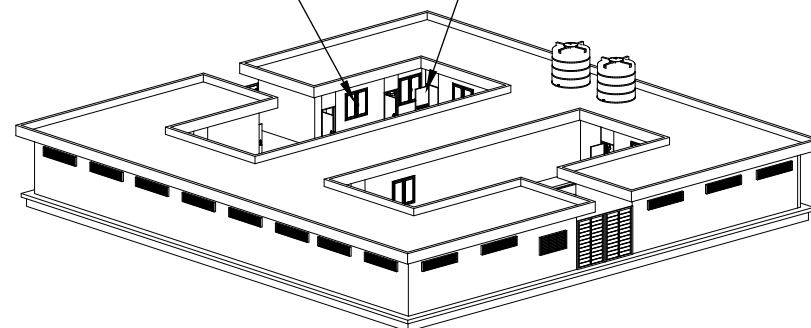
Interior classroom door
wooden - Factory manufactured, high quality - Blue/pink color finish
Latrine doors are PVC - Grey colour
Doors opening shall be finished with Marble



MAIN METAL GATE STRUCTURE



MAIN METAL GATE



BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

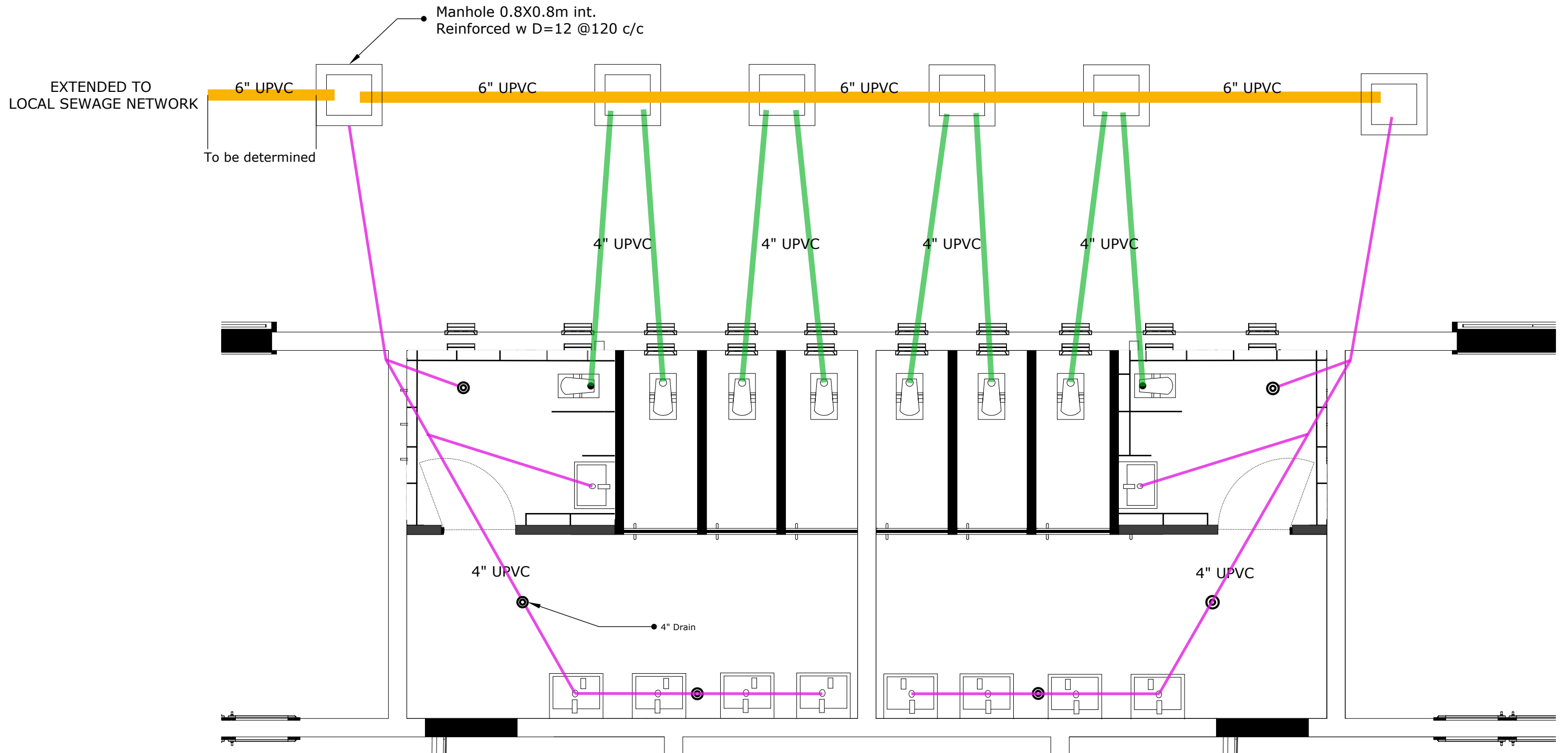
SHEET NUMBER: 8

SHEET TITLE: Structural views 5

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed



01 PLAN VIEW
M SCALE 1:40

BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 9
SHEET TITLE: Mechanical details #1
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed

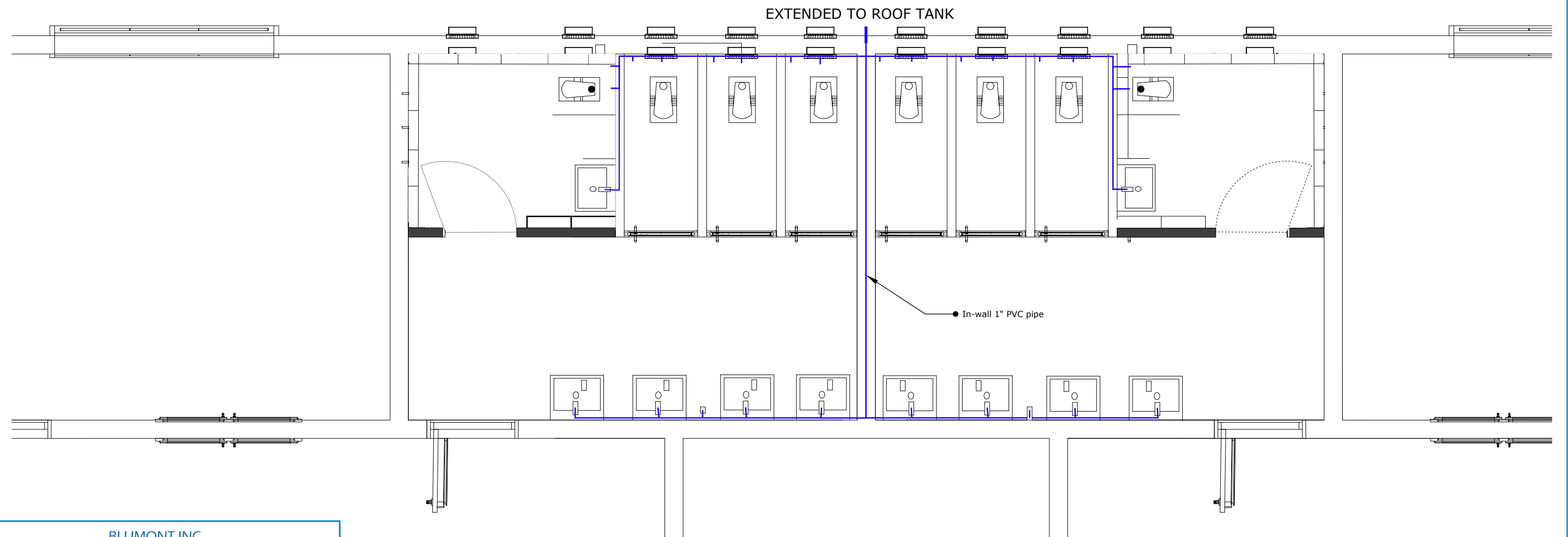
Plumbing notes:

All connection angel must be below 30 Degrees.

Sewer pipes are PVC pipes that conforms to ASTM D 3034, ASTM D 1784 and cell Class 12454 B. Sewer pipes to be tested according to UBPPA UNI-B-6.

Wastewater sewer system is designed according to the American Society of Plumbing Engineers (ASPE) and the international plumbing code (IPC).

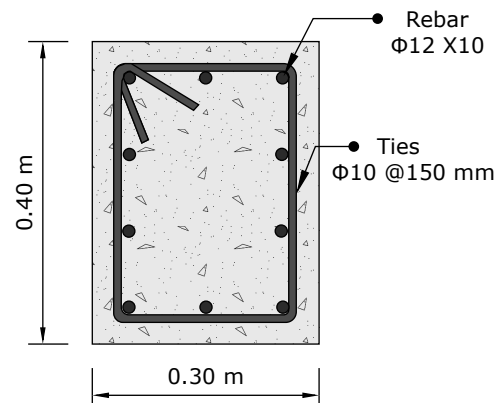
PIPE SCHEDULE	
PIPE TYPES	REQUIRED SLOPE RANGE
6" UPVC Mixedwater line	1.04 % - 0.52 %
4" UPVC Blackwater line	1.04 % - 2.08 %
4" UPVC Greywater line	1.04 % - 2.08 %



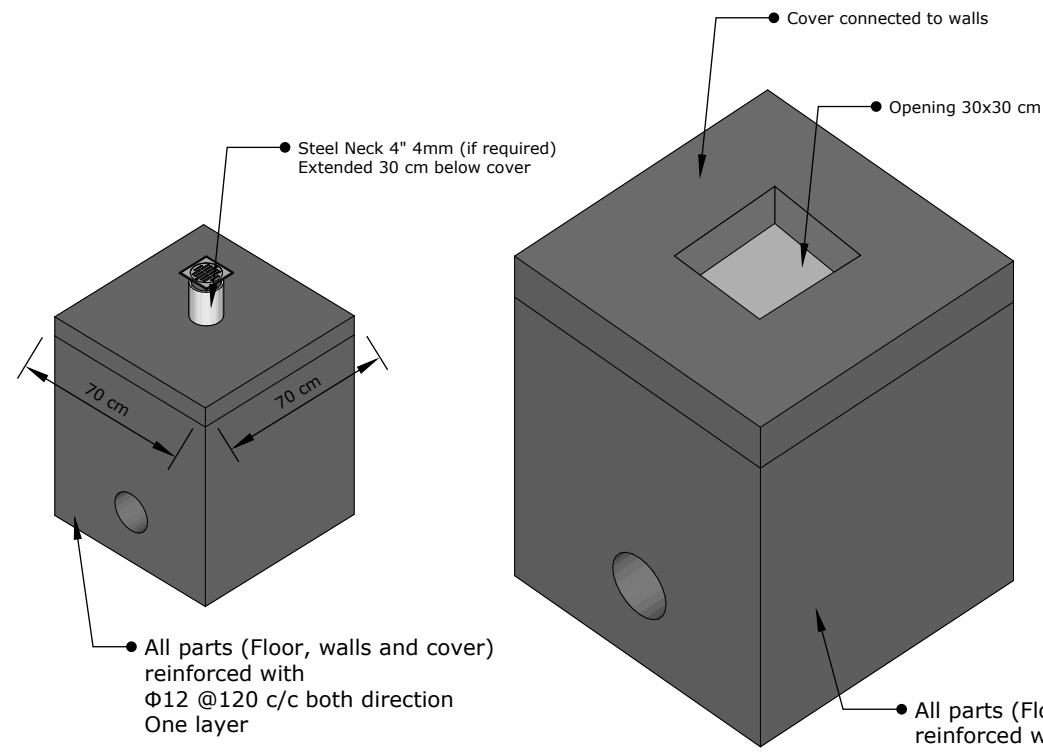
BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 10
SHEET TITLE: Mechanical details #2
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed

02 PLAN VIEW
M SCALE 1:150

PIPE SCHEDULE	
PIPE TYPES	Schedule
1" PVC PPR In-wall	SCH80

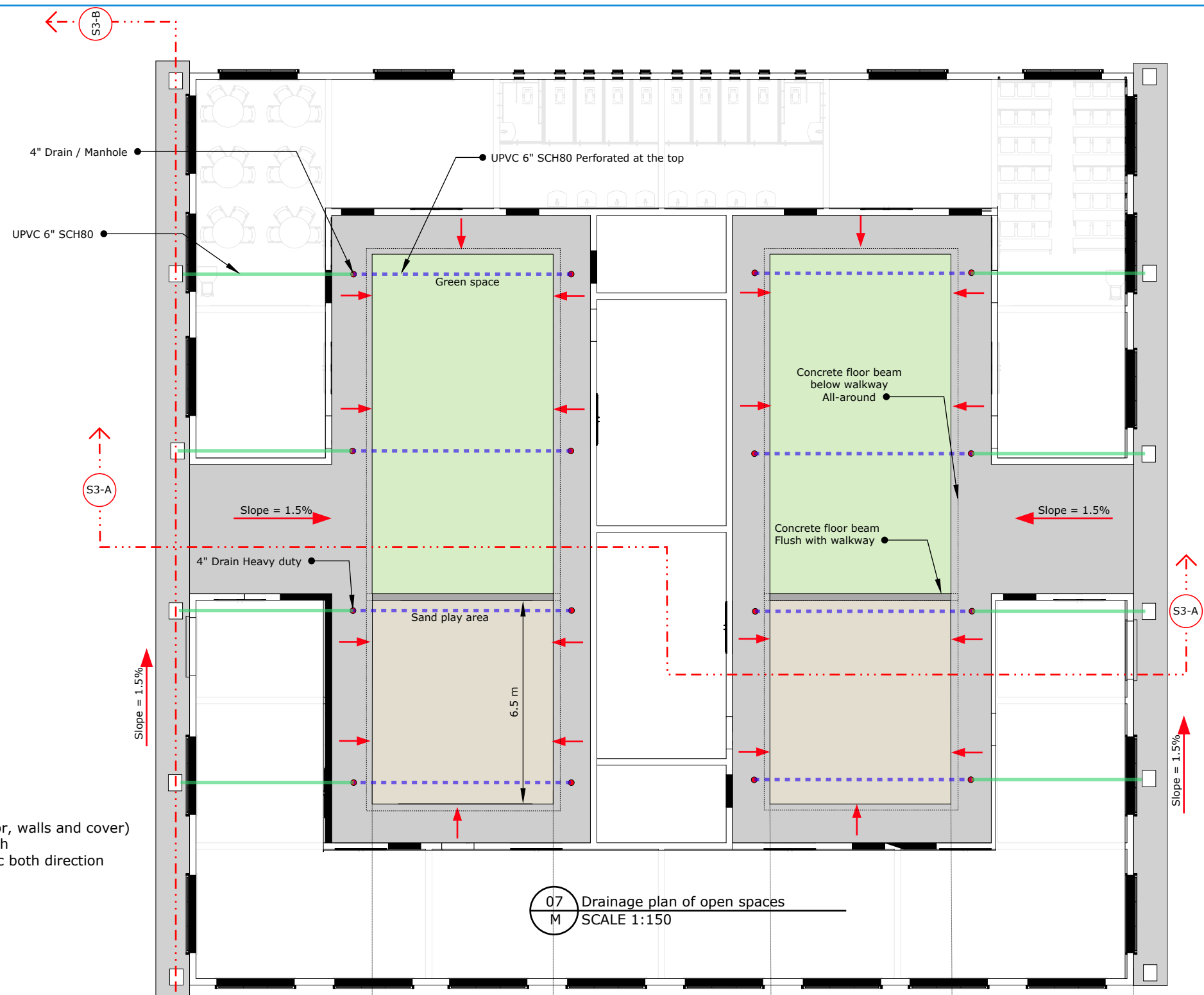


06 FLOOR BEAM DETAILS
M NOT TO SCALE

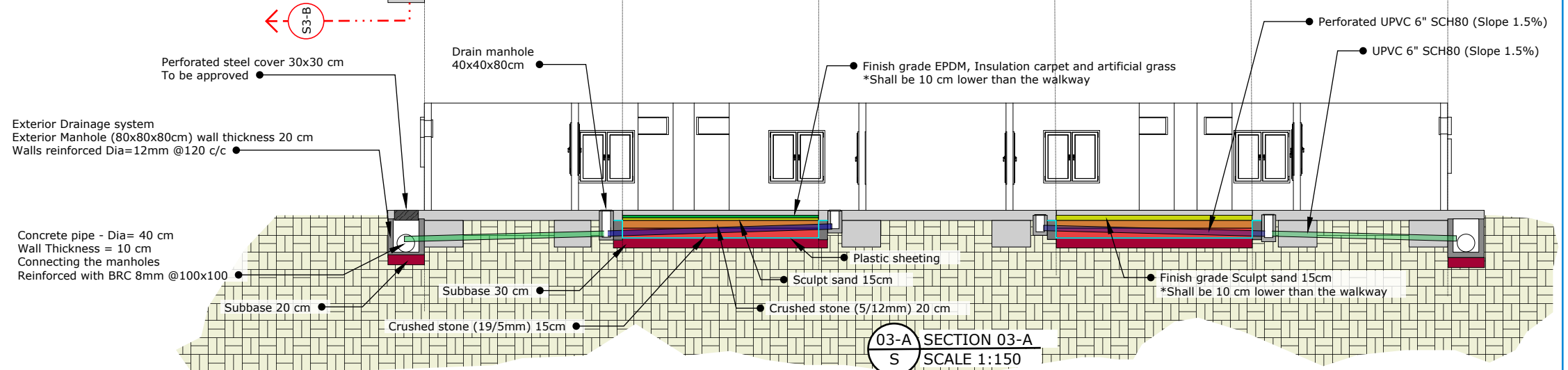


07 INTERIOR MANHOLE
M NOT TO SCALE

08 EXTERIOR MANHOLE
M NOT TO SCALE



07 Drainage plan of open spaces
M SCALE 1:150



BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

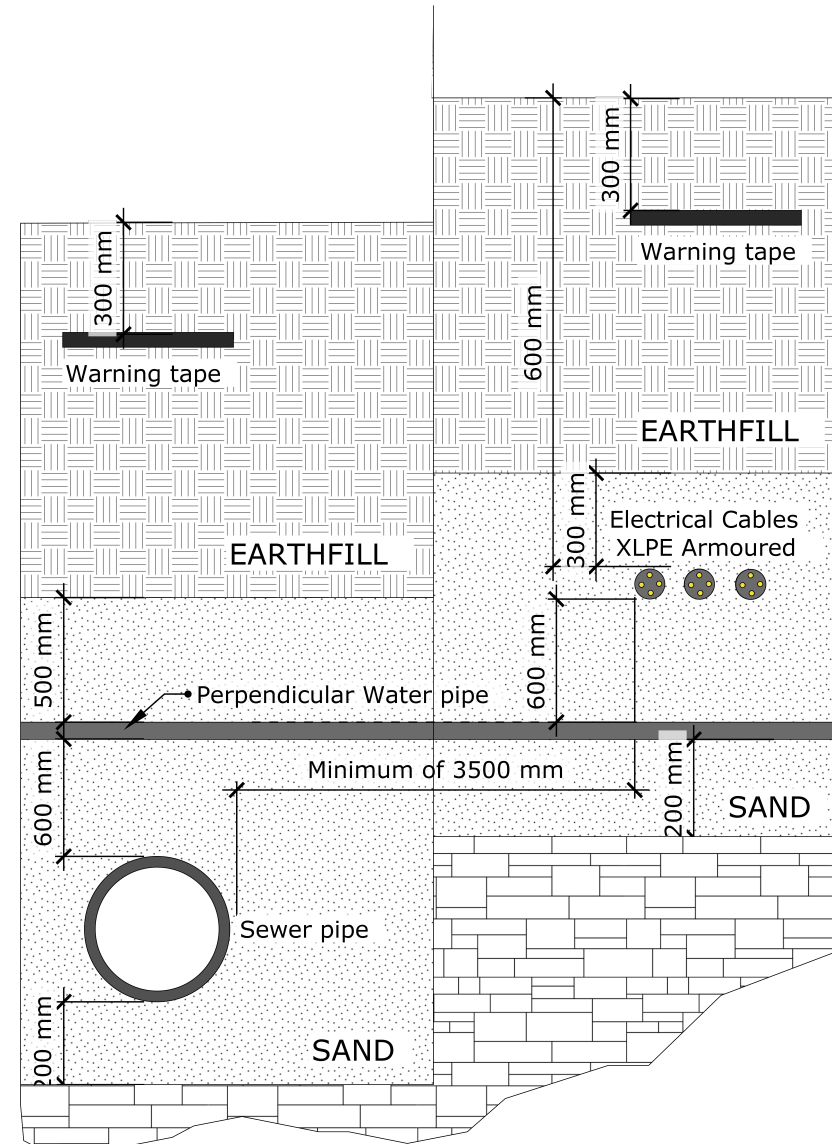
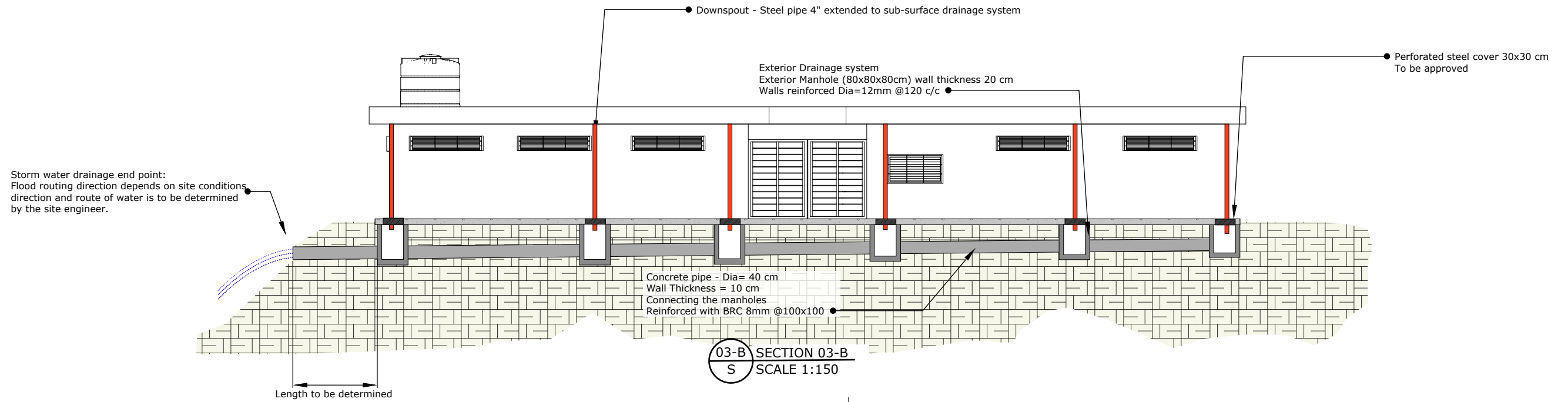
SHEET NUMBER: 12-A

SHEET TITLE: Drainage plan #1

DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed



BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

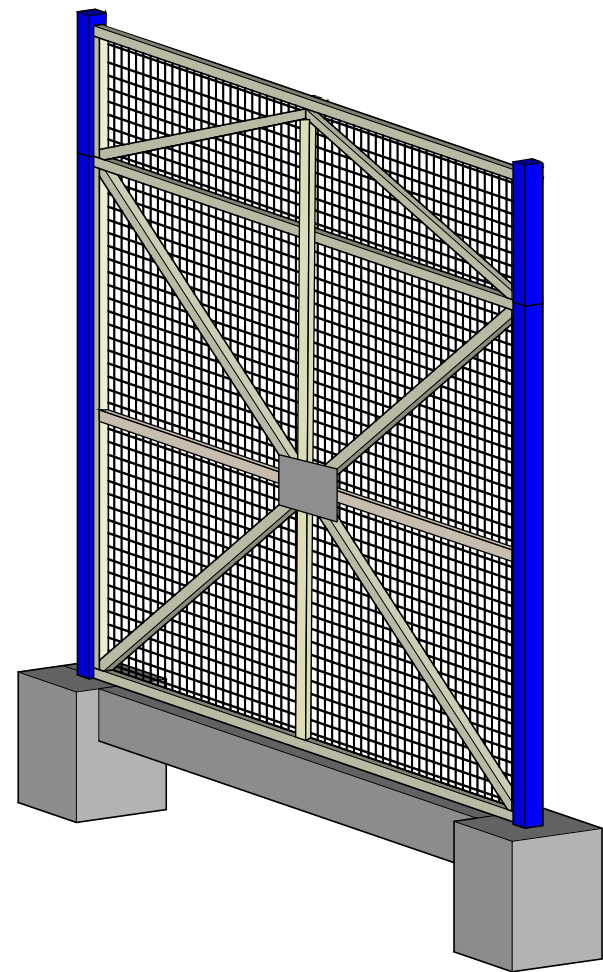
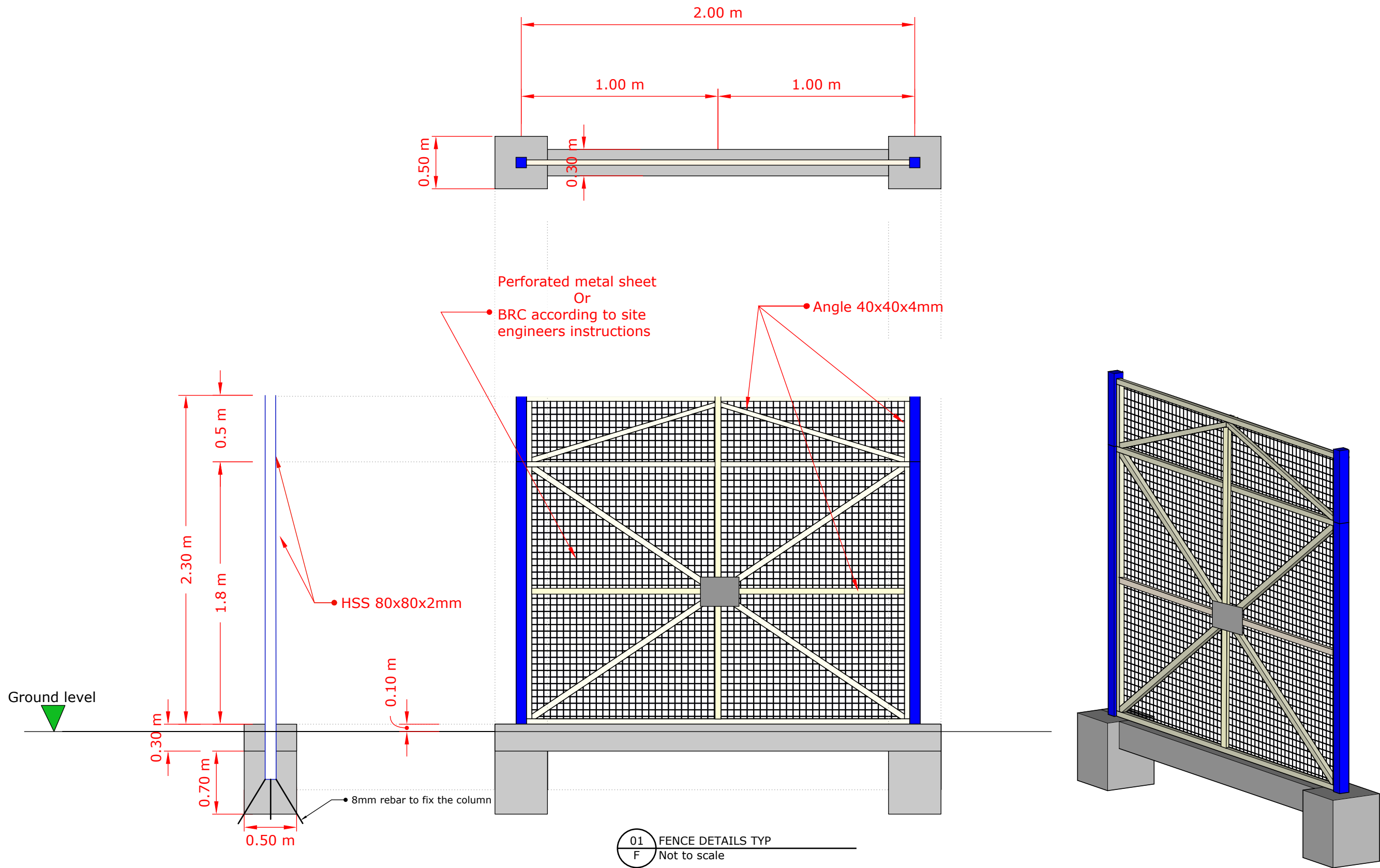
SHEET NUMBER: 13

SHEET TITLE: Drainage plan #2

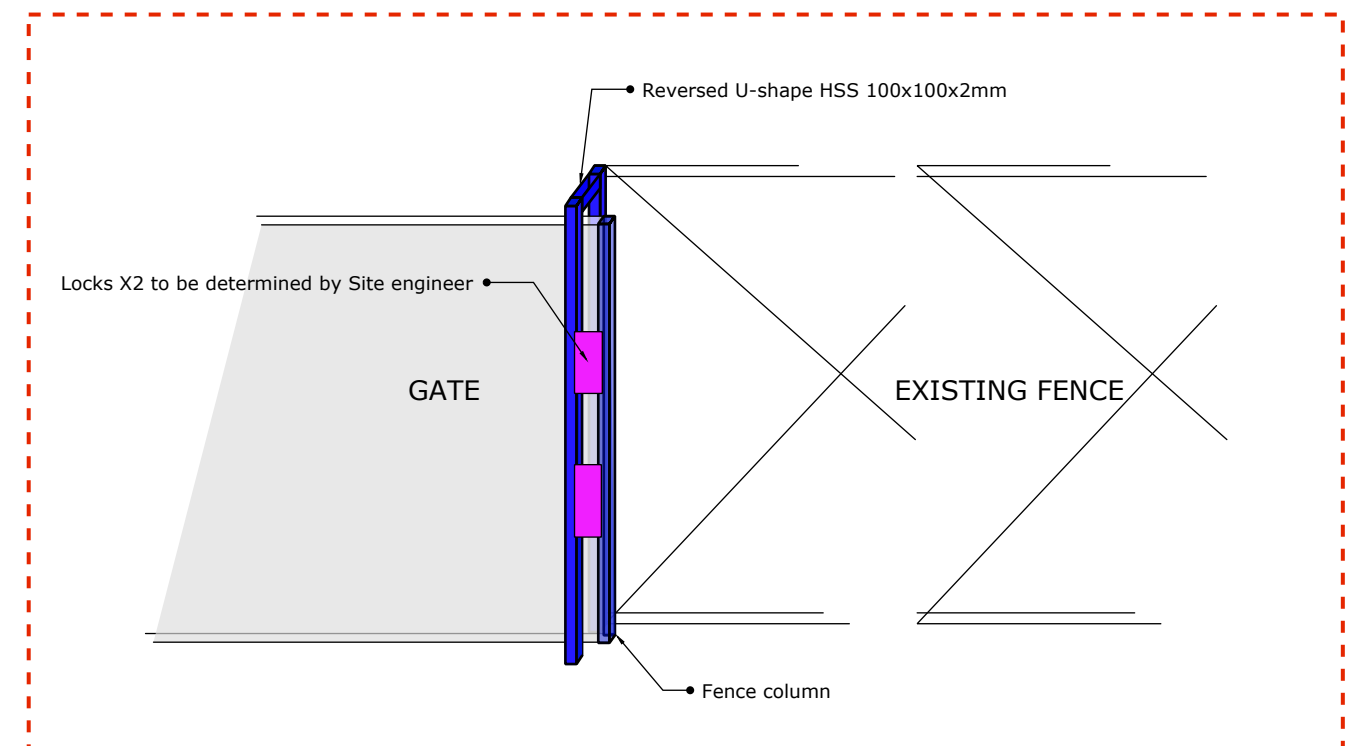
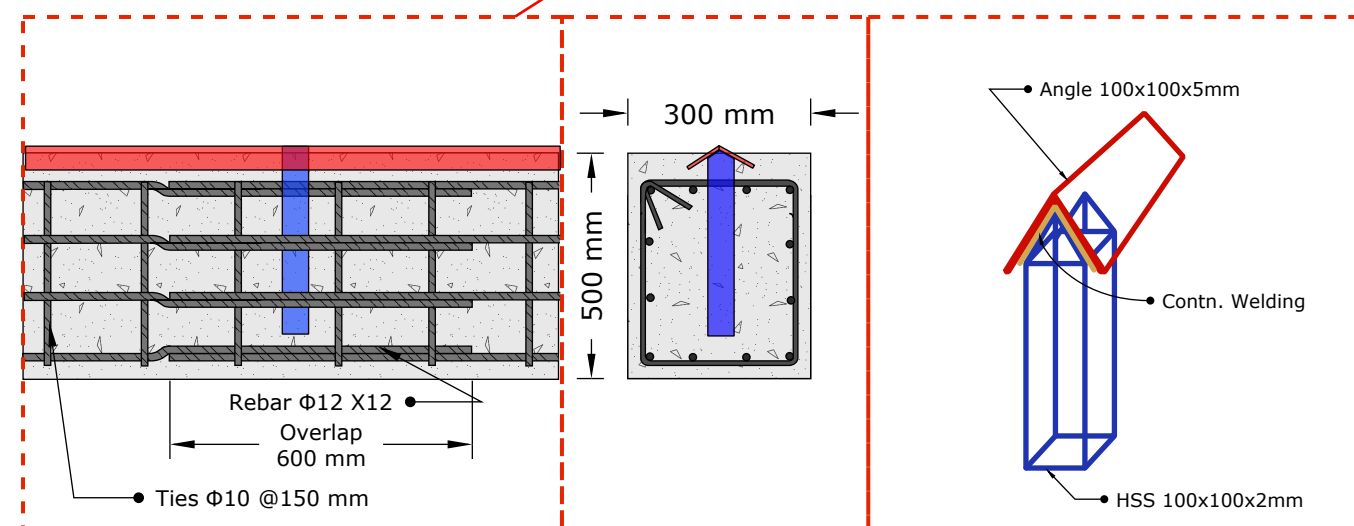
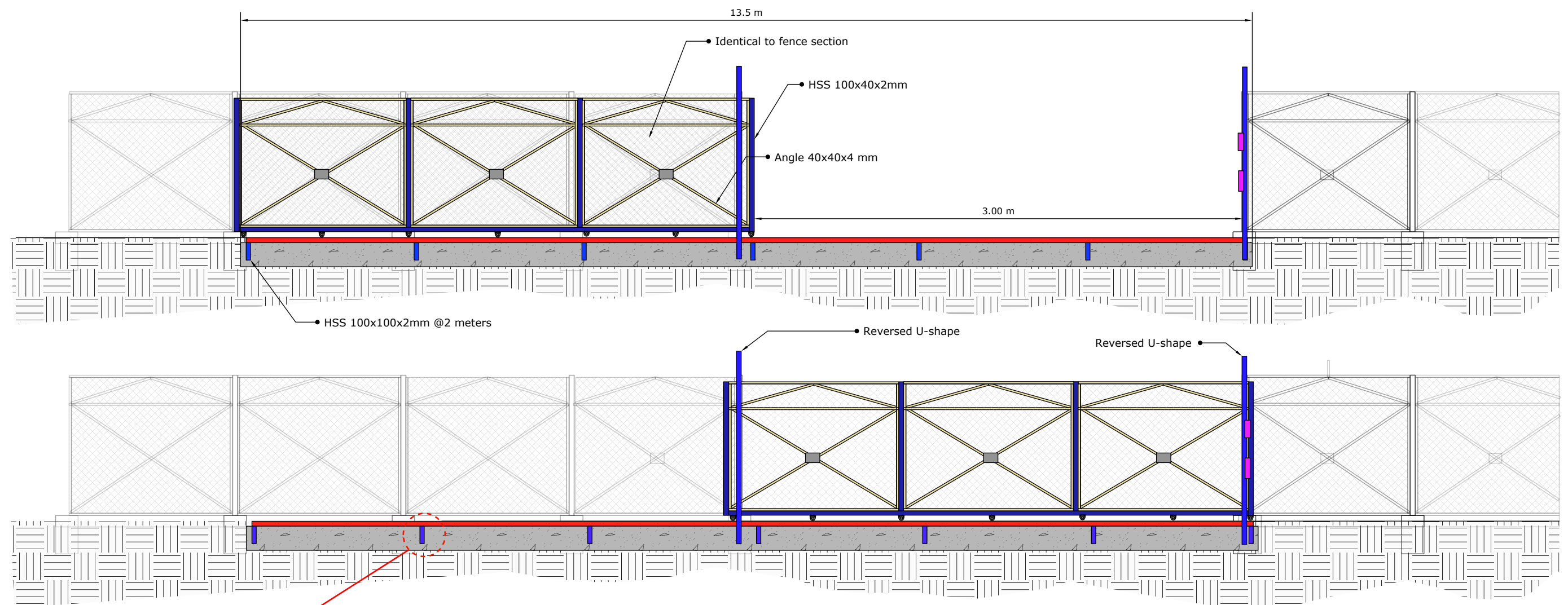
DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

APPROVAL: Ibrahim A. Ahmed



BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 14
SHEET TITLE: Fence details #1
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed



02 SLIDING GATE DETAILS
F Not to scale

BLUMONT INC.

BLUEPRINT TITLE: Learning Centers (LC) Z3

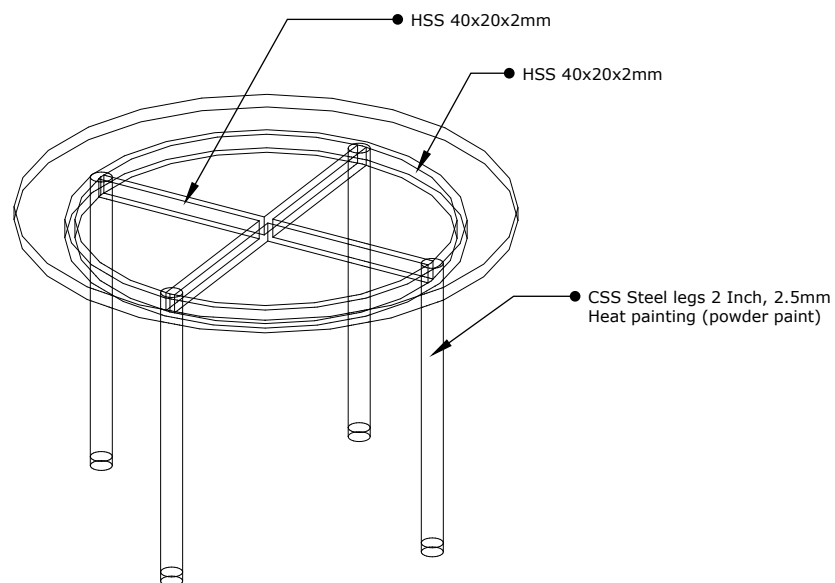
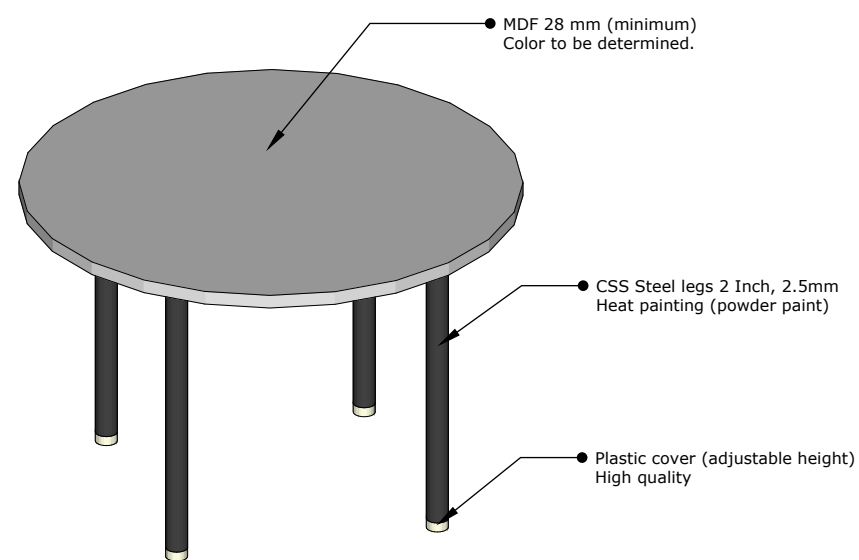
SHEET NUMBER: 15

SHEET TITLE: Fence details #2

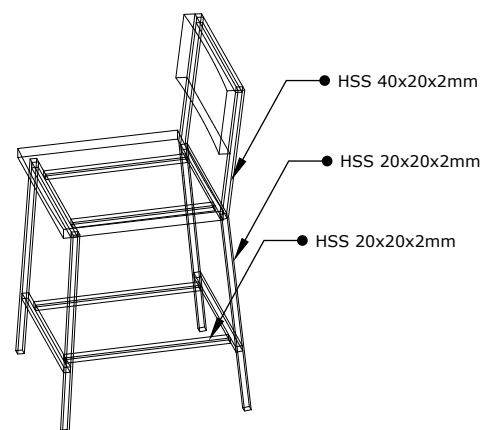
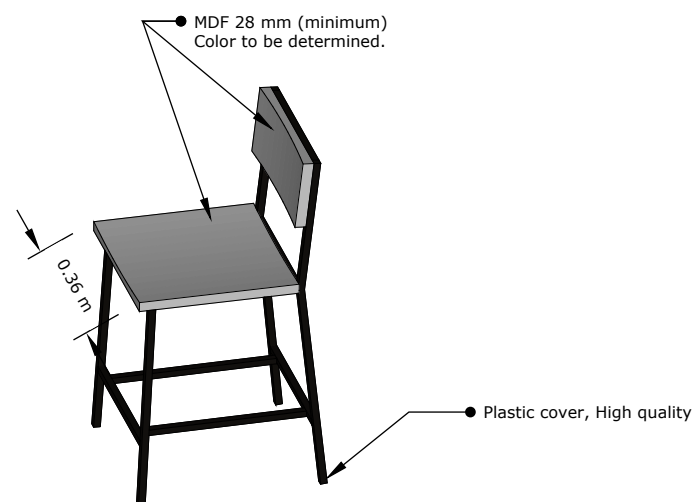
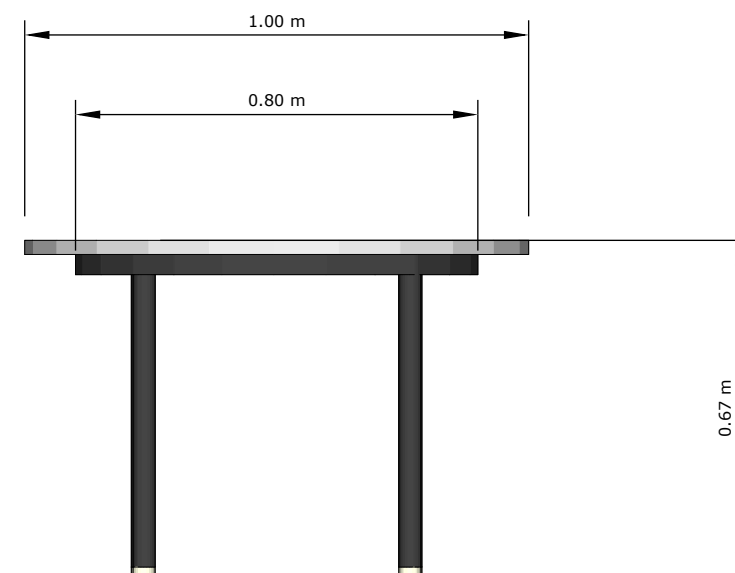
DATE: 20 JUNE 2023

DESIGN LEAD: Omar Ali

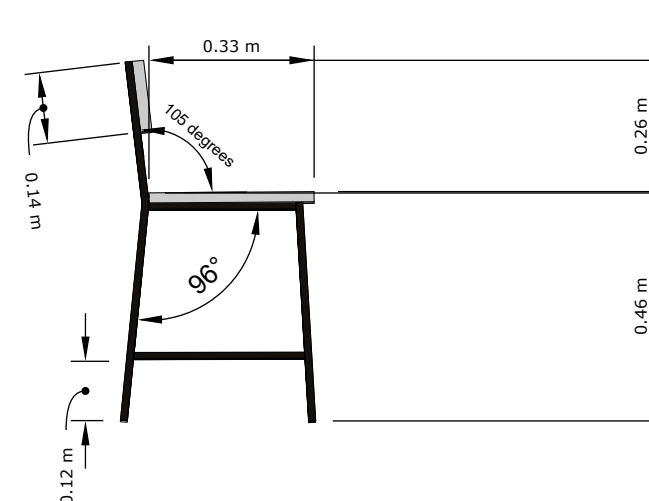
APPROVAL: Ibrahim A. Ahmed



03 Class room table
F Not to scale



04 Class room chair
F Not to scale



**ALL STEEL SECTIONS MUST BE HEAT PAINTED (HOT DIP, POWDER PAINT)
** NO SHAPR EDGES, WELDS, SCREWS MUST REMAIN. ALL PARTS MUST BE SANDED AND CHAMFERED.

BLUMONT INC.
BLUEPRINT TITLE: Learning Centers (LC) Z3
SHEET NUMBER: 16
SHEET TITLE: Furnature details
DATE: 20 JUNE 2023
DESIGN LEAD: Omar Ali
APPROVAL: Ibrahim A. Ahmed