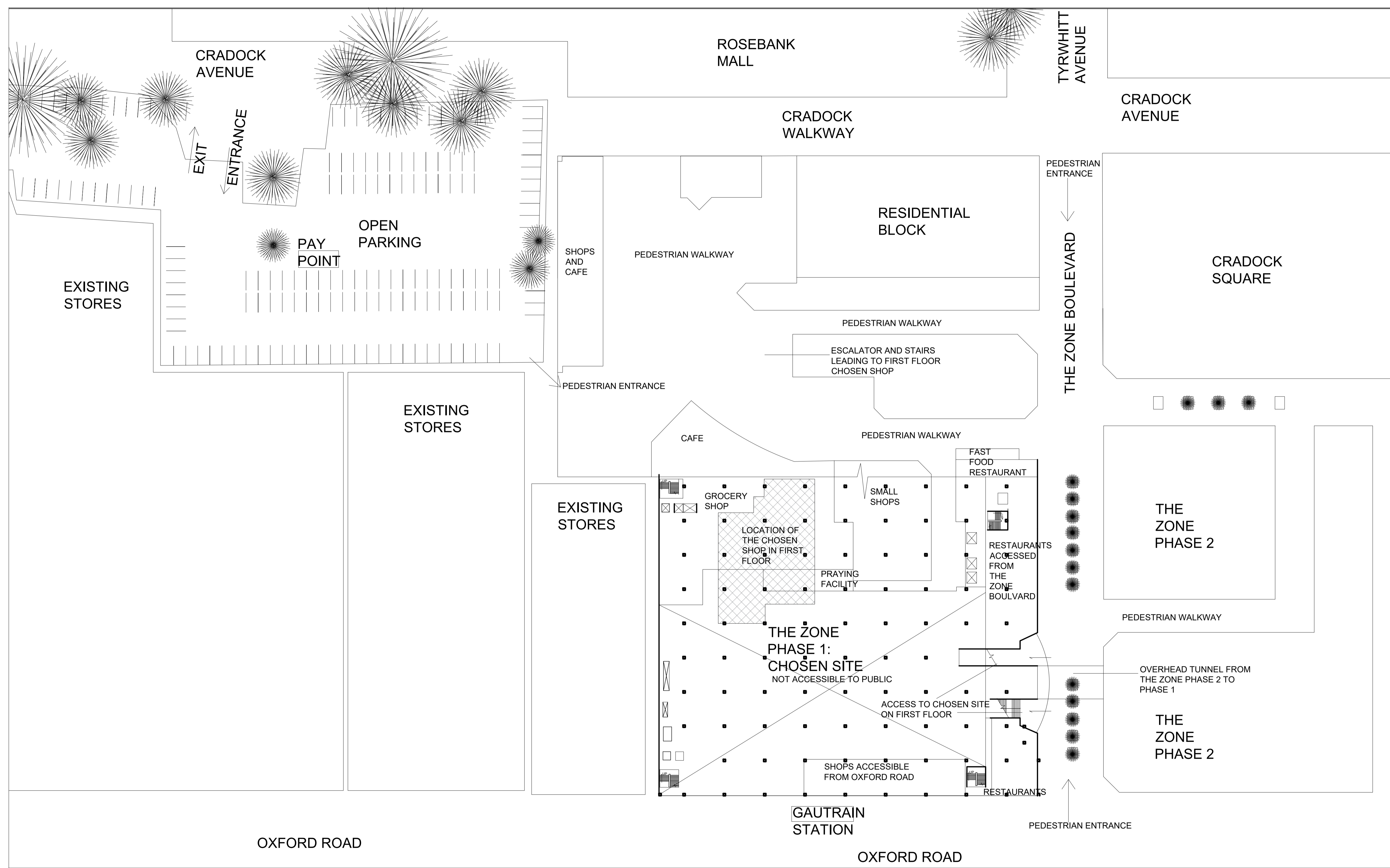
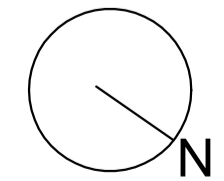


**SITE PLAN NOTES:**  
 THIS SITE PLAN IS INTENDED TO ILLUSTRATE THE GENERAL LAYOUT OF THE MALL AND ITS SURROUNDINGS. THE DIMENSIONS AND POSITIONING OF ELEMENTS MAY NOT BE ENTIRELY TO SCALE AND SHOULD BE VERIFIED ON-SITE. THE PLAN INCLUDES INDICATIVE LOCATIONS OF ENTRANCES, PARKING AREAS, AND PEDESTRIAN PATHWAYS, BUT EXACT MEASUREMENTS MAY DIFFER.  
 ALL INFRASTRUCTURE ELEMENTS (UTILITY LINES, DRAINAGE SYSTEMS, ETC.) SHOWN ARE APPROXIMATE AND SHOULD BE CROSS-REFERENCED WITH TECHNICAL SURVEYS. ANY FUTURE DEVELOPMENTS OR ADJUSTMENTS TO THE SITE PLAN MAY AFFECT THE FINAL DESIGN, AND THESE SHOULD BE REVIEWED DURING THE DETAILED DESIGN PHASE.



SITE PLAN  
 1:500



Revision table

Revision	Description	Date
A	First draft	27.08.2024
B	Addition of parking lines and more detail	22.10.2024



Student name  
 F. Betül Soncu, 220049869  
 Subject  
 BACT6Y4

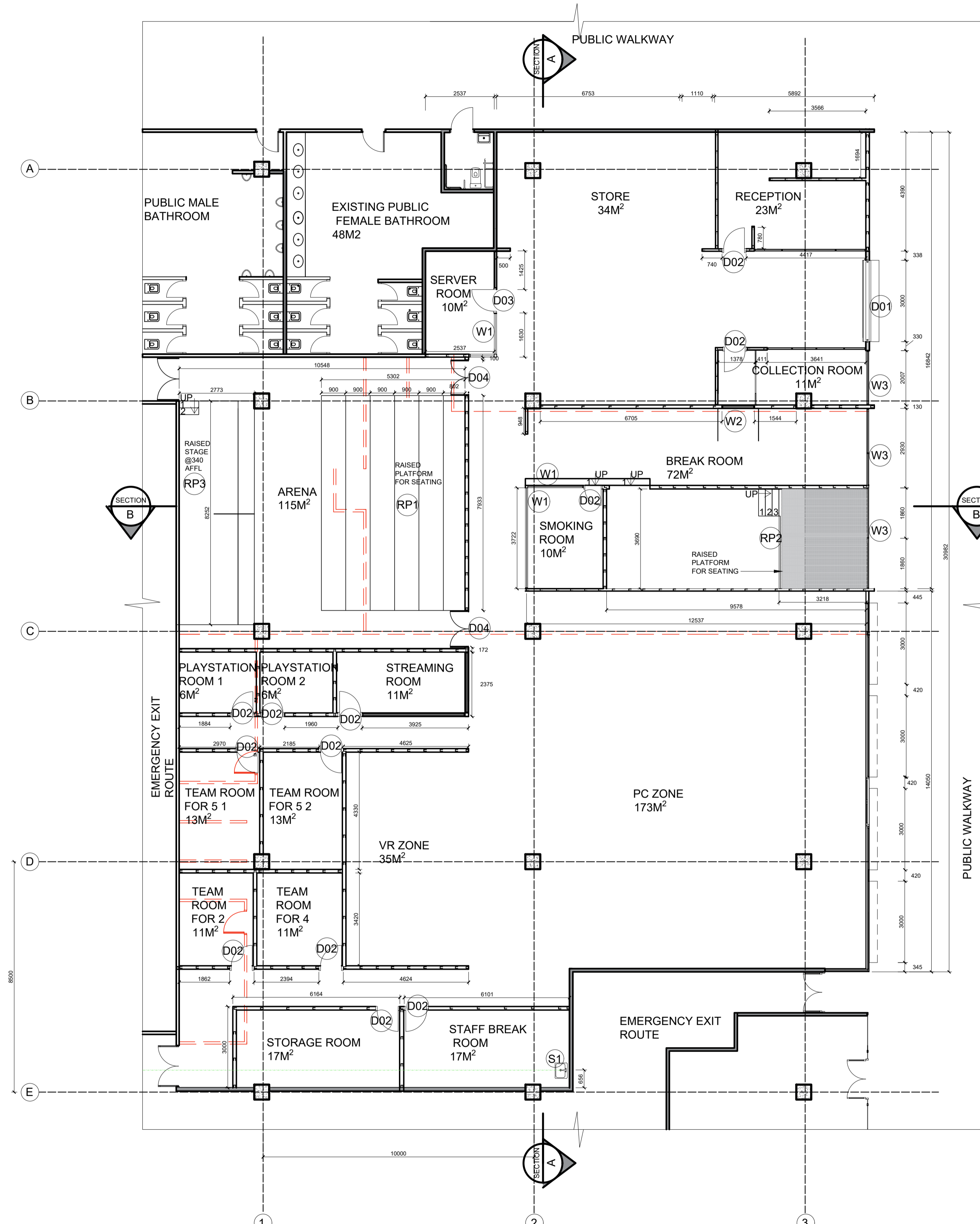
Project title  
 HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title  
 SITE PLAN

Date submitted	Page number	Total pages
22.10.2024	1	12

Scale	Drawing number	Revision
1:500	100	B

Assessed by  
 Result



WALL AND PARTITION LEGEND	
SYMBOL	DESCRIPTION
	STANDARD 90MM DRYWALL TO USIDE OF SLAB; 90MM DRYWALL FROM FLOOR TO US OF SLAB, HALF HOUR FIRE RATED DRYWALL PARTITION, CONSISTS OF: 43.5MM TOP AND BOTTOM TRACK WITH 43.5MM GALVANISED DOWN U-TRAKEE STUDS @ 400MM CENTRES, STUDS CLAD ON BOTH SIDES WITH 1 LAYER 12.5MM TAPE EDGE GYPSUM BOARD FIXED WITH 25MM DRYWALL SCREWS SPACED AT 200MM CENTRES.
	130 ACOUSTIC DRYWALL WITH 12 ACOUSTIC BOARD, 100 60D ACOUSTIC INSULATION, 3 FLEXIBLE NOISE BARRIER AND 102 STUD SYSTEM WITH GREEN GLUE ACOUSTIC SEALANT BY GENESIS FIXED TO THE GROUND, CEILING AND A BRICK WALL
	1800X900X4 METAL MESH AS DIVIDER
	DEMOLISHED WORK
	NEW BRICK WALL 220MM MASONARY BRICK WALL TO BE PLASTERED AND PRIMED.
	12 SOUNDPROOF - LAMINATED SOUND CONTROL SAFETY GLASS, PGSMTART GLASS, GLASS IS FITTED TOP AND BOTTOM WITH SILICONE AND U-CHANNEL, GLASS HAS FROSTED DECAL APPLICATION BY AVERY DENNISON REFER TO FUTHER SPECIFICATION DRAWINGS FOR DETAILING OF DECAL PLACEMENT AND U-CHANNEL INSTALLATION.
	EXISTING WALL

- GENERAL NOTES
1. ORIGINAL PLANS OBTAINED FROM THE ZONE SHOPPING MALL MANAGEMENT.
  2. THIS PLAN IS THE ALTERATIONS PLAN DONE BY THE INTERIOR DESIGNER.
  3. MAIN ACCESS DEMOLISHED AND MOVED AS PER PLAN.
  4. ALL NEW BUILDING WORK TO COMPLY WITH NATIONAL BUILDING REGULATIONS STIPULATED IN SANS10400.
  5. ALL LEVELS AND DIMENSIONS TO BE CHECKED BEFORE WORK ON SITE COMMENCES.
  6. SETTING OUT MUST BE CHECKED AND APPROVED BY THE DESIGNER BEFORE WORK ON SITE COMMENCES.
  7. ALL GLASS TO BE LAMINATED SAFETY GLASS OF MINIMUM OF 6MM THICK.
  8. ALL DIMENSIONS ARE SCALED AS PER DRAWING.
  9. ANY DISCREPANCIES MUST BE REPORTED TO THE DESIGNER IMMEDIATELY.

DOOR & WINDOW LEGEND		
SYMBOL	SYMBOL	DESCRIPTION
		3000X1900 MATT CHARCOAL SIMLINE ALUMINUM ROLLER SHUTTER WITH 300X300 HEADPLATE, INSTALLED IN TO EXTERIOR BRICK WALL FROM XPANDA
		877X2100 CUSTOM MADE SINGLE METAL DOOR CUSTOM FINISHED PAINTED TO LOOK WORN-OUT
		900 X 2100 CHARCOAL ALUMINUM FULL GLASS DOOR INSTALLED ON TO ALUMINUM AND GLASS PANELING FROM DOORS DIRECT
		1294X2100 POWDER COATED STAINLESS STEEL, FINISHED TO LOOK DISTRESSED DOUBLE ACOUSTIC DOOR FROM H.S ENGINEERS
		6.76 LAMINATE ACOUSTIC GLASS PARTITION FIXED TO CEILING, FLOOR AND / OR DRYWALL IN THE SHOWN DIMENSION STARTING FROM FLOOR TILL 2000 AFFL FROM ALUGLASS
		1200X900 6.76 LAMINATE ACOUSTIC GLASS WINDOW @1200 AFFL FROM ALUGLASS
		6.76 LAMINATE ACOUSTIC GLASS WINDOW FIXED TO CEILING, FLOOR AND / OR DRYWALL FROM CLIP #4 CHECK SHOPFRONT ELEVATION PAGE 5 FOR FURTHER DETAIL

SANITARY LEGEND		
SYMBOL	SYMBOL	DESCRIPTION
		455X390X140 STAINLESS STEEL UNDERMOUNT SINGLE SINK BOWL WITH BLACK MATT FINISHED MIXER TAP FROM ON TAP PLUMBING AND BATHROOMS

RAISED PLATFORM LEGEND		
SYMBOL	SYMBOL	DESCRIPTION
		5302X7933 RAISED PLATFORM WITH WOODEN STRUCTURE COVERED IN CARPET REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION
		3218X3679 CUSTOM RAISED PLATFORM WITH TIMBER STRUCTURE COVERED IN SPECIFIES CARPET. REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION
		2773X8252 CUSTOM RAISED PLATFORM WITH TIMBER STRUCTURE COVERED IN SPECIFIES CARPET. REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION

Revision table		
Revision	Description	Date
A	First draft	14.08.2024
B	Updated storefront.	27.09.2024
C	Adjusted to new layout, fixed lineweight	07.10.2024
D		



Student name  
**F. Betül Soncu, 220049869**

Subject  
**BACT6Y4**

Project title  
**HEADSHOT ARENA- THE ZONE SHOPPING MALL**

Drawing title  
**ALTERATIONS AND SANITARY PLAN**

Date submitted  
**07.10.2024**

Page number  
**2**

Total pages  
**12**

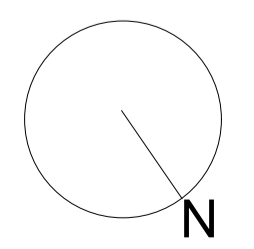
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Drawing number  
**100**

Revision  
**C**

Assessed by  
**Result**

ALTERATIONS PLAN  
1:100

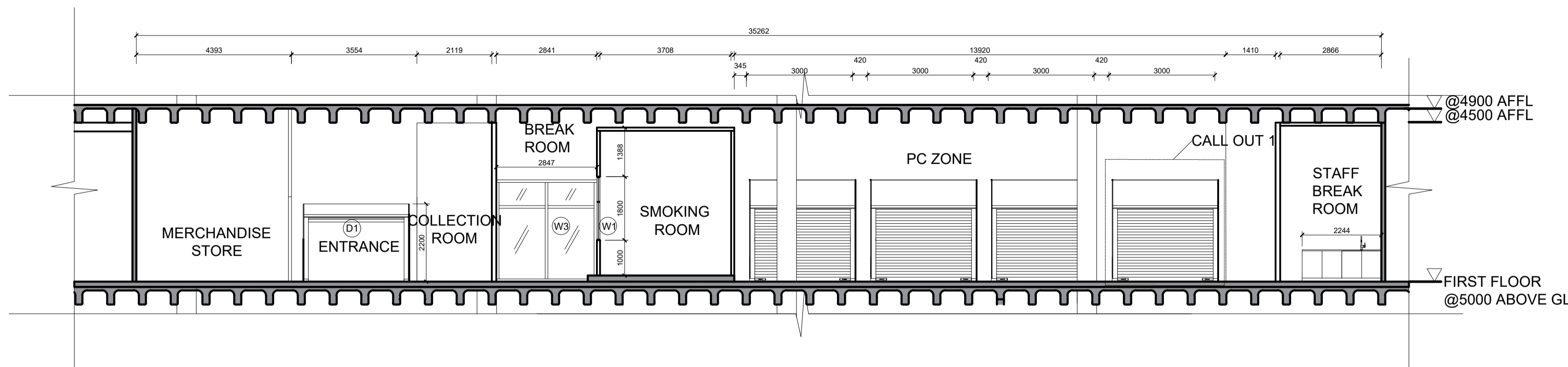


**Notes**

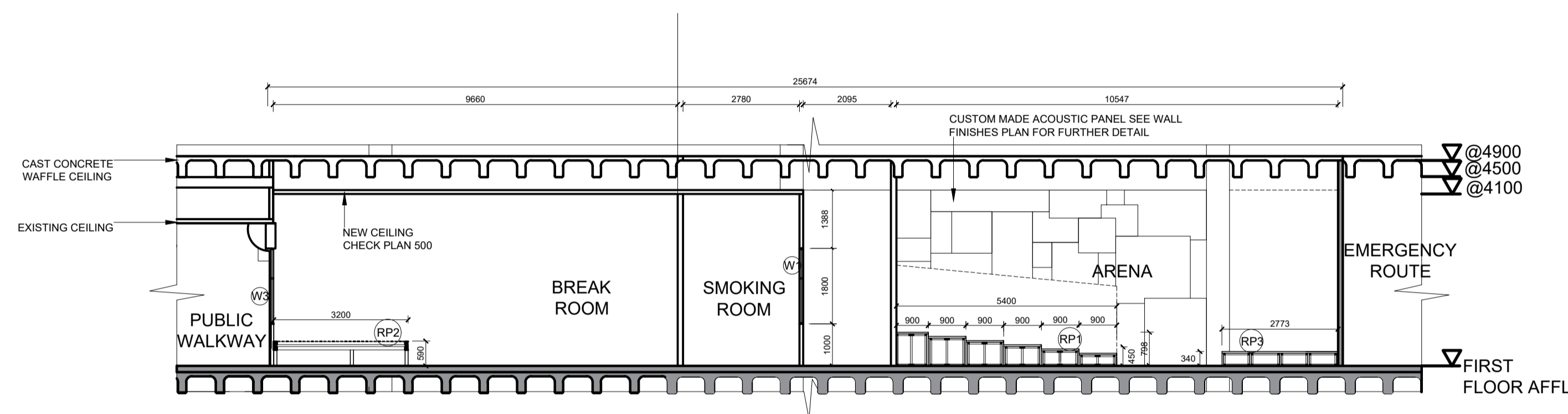
- GENERAL NOTES  
 1. ORIGINAL PLANS OBTAINED FROM THE ZONE SHOPPING MALL MANAGEMENT.  
 2. THIS PLAN IS THE ALTERATIONS PLAN DONE BY THE INTERIOR DESIGNER.  
 3. MAIN ACCESS DEMOLISHED AND MOVED AS PER PLAN.  
 4. ALL NEW BUILDING WORK TO COMPLY WITH NATIONAL BUILDING REGULATIONS STIPULATED IN SANS10400.  
 5. ALL LEVELS AND DIMENSIONS TO BE CHECKED BEFORE WORK ON SITE COMMENCES.  
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 7. ALL GLASS TO BE LAMINATED SAFETY GLASS OF MINIMUM OF 6MM THICK.  
 8. ALL DIMENSIONS ARE SCALED AS PER DRAWING.  
 9. ANY DISCREPANCIES MUST BE REPORTED TO THE DESIGNER IMMEDIATELY.

RAISED PLATFORM LEGEND		
SYMBOL	SYMBOL	DESCRIPTION
RP1		5302X7933 RAISED PLATFORM WITH WOODEN STRUCTURE COVERED IN CARPET. REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION
RP2		3218X3679 CUSTOM RAISED PLATFORM WITH IRON STRUCTURE REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION
RP3		2773X8252 CUSTOM RAISED PLATFORM WITH TIMBER STRUCTURE COVERED IN SPECIFIED CARPET. REFER TO ARCHITECTURAL DETAILING FOR FURTHER INFORMATION

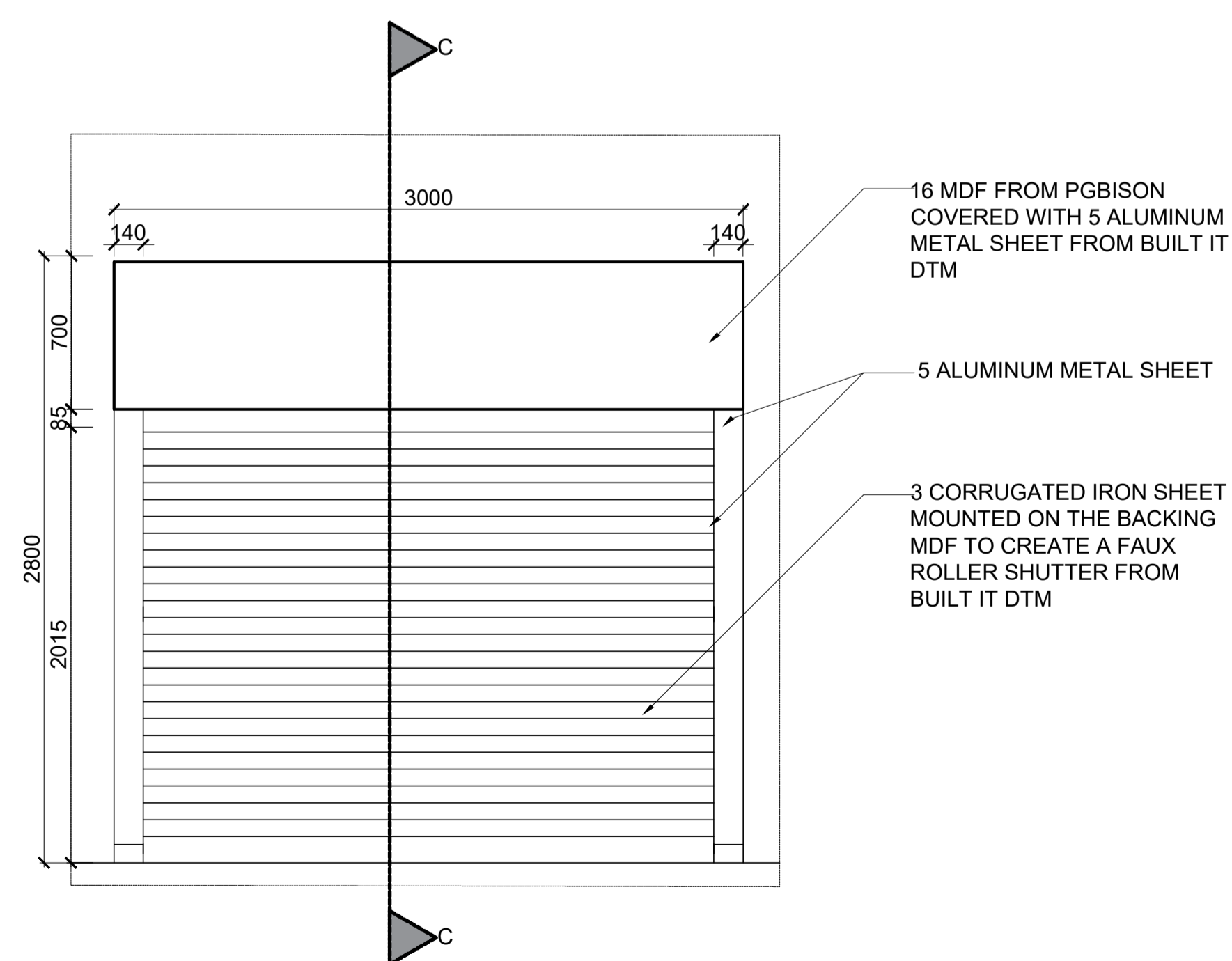
DOOR & WINDOW LEGEND		
SYMBOL	SYMBOL	DESCRIPTION
D01		3000X1900 MATT CHARCOAL FINISHED SIMILINE ALUMINUM ROLLER SHUTTER WITH 300X300 HEADPLATE. INSTALLED IN TO EXTERIOR BRICK WALL FROM XPANDA
W1		6.76 LAMINATE ACOUSTIC GLASS WINDOW PARTITION FIXED TO CEILING, FLOOR AND / OR DRYWALL IN THE SHOWN DIMENSION STARTING FROM FLOOR TILL 2000 AFFL
W2		1200X900 6.76 LAMINATE ACOUSTIC GLASS WINDOW @1200 AFFL
W3		6.76 LAMINATE ACOUSTIC GLASS WINDOW PARTITION FIXED TO CEILING, FLOOR AND / OR DRYWALL FROM CLIP 44 CHECK ELEVATION FOR FURTHER DETAIL



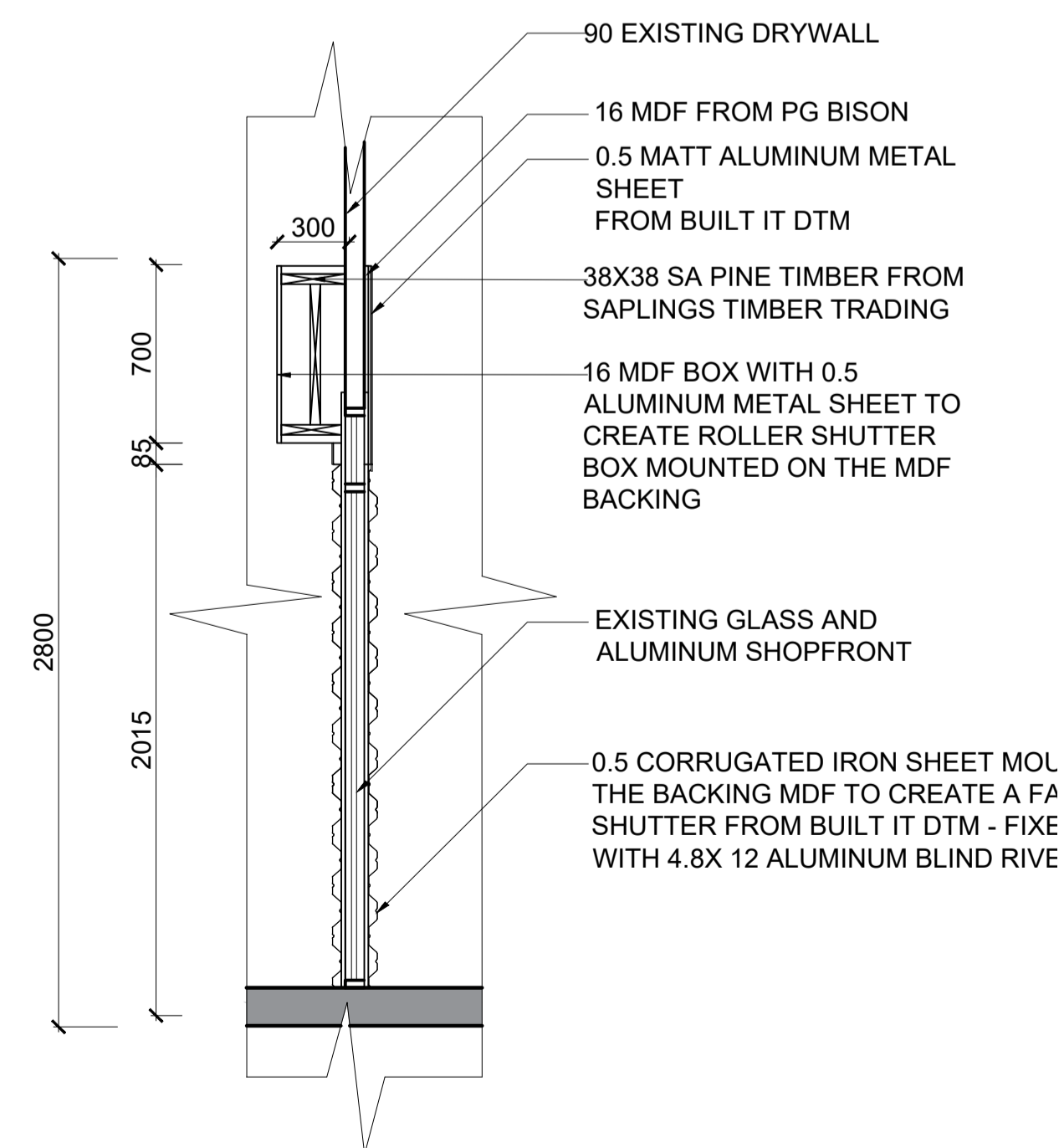
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SECTION B-B  
1:100



CALL OUT 1  
1:25



CALL OUT 1: SECTION C-C  
1:25

Revision table

		Date
A	First draft	14.08.2024
B	Removal of mezzanine floor and addition of new components	22.10.2024
C		

Student logo



Student name  
F. Betül Soncu, 220049869

Subject  
BACT6Y4

Project title  
HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title  
ALTERATIONS SECTIONS & CALL OUT

Date submitted  
23.10.2024

Page number  
3

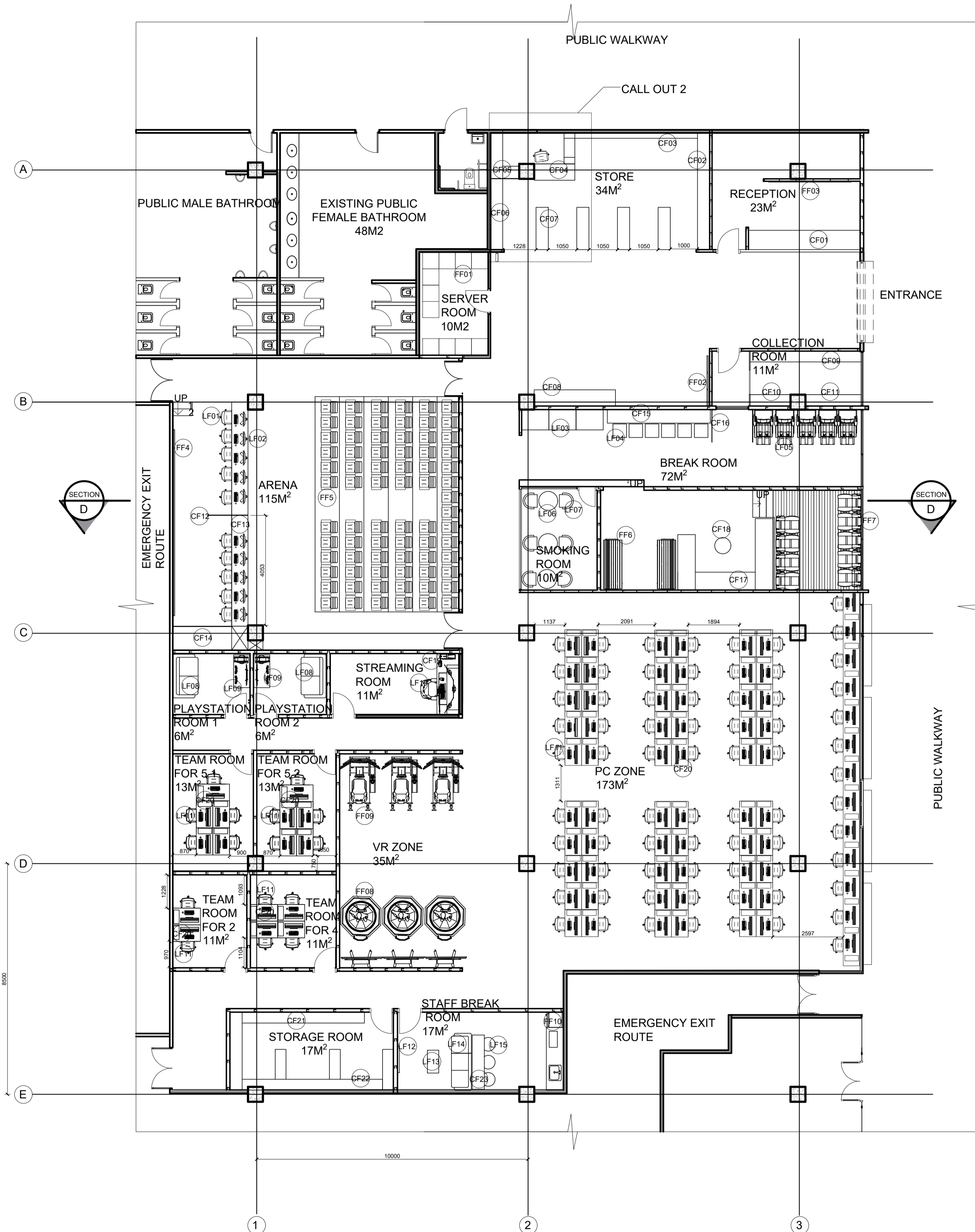
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Scale  
AS INDICATED

Drawing number  
200

Revision  
B

Assessed by  
Result



SPACE PLANNING AND FURNITURE LAYOUT PLAN  
1:100

CUSTOM FURNITURE LEGEND	
SYMBOL	DESCRIPTION
CF01	4115X710 COUNTER WITH IRON MOSS NEOLIT COUNTERTOP AND BLACK MATT MDF REFER TO DETAIL 010
CF02	4300X450 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON REFER TO DETAIL 020
CF03	4500X250 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE WALL REFER TO DETAIL 021
CF04	1530X600 L-SHAPED COUNTER WITH IRON MOSS NEOLIT COUNTERTOP AND BLACK MATT MDF FROM PG BISON REFER TO DETAIL 2.3.1
CF05	1680X1000 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE WALL REFER TO DETAIL 022
CF06	2600X1800X450 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE WALL REFER TO DETAIL 023
CF07	1500X450X1800 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE FLOOR REFER TO DETAIL 2.2
CF08	3000X600X900 DISPLAY COUNTER MADE OUT OF CORRUGATED IRON SHEET METAL MESH METAL SHEET WITH RUSTY FINISH REFER TO DETAIL 024
CF09	2600X450 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON REFER TO DETAIL 025
CF10	1485X420 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON REFER TO DETAIL 026
CF11	2000X420 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON REFER TO DETAIL 027
CF12	1400X40X1600 METAL MESH DIVIDER FIXED TO THE FLOOR AND TABLE REFER TO DETAIL 028
CF13	826X600 BLACK MDF COMPUTER TABLE REFER TO DETAIL 029
CF14	2150X880 BLACK MDF CABINET WITH SHELVING NO HANDLES PUSH OPEN SYSTEM REFER TO DETAIL 030
CF15	3800X600 METAL MESH BAR TABLE MOUNTED ON THE WALL @1000AFFL REFER TO DETAIL 031
CF16	1200X40X1900 METAL MESH ROOM DIVIDER REFER TO DETAIL 032
CF17	2200X2200X2600 U-SHAPED BUILT IN SEATING FROM VINTAGE LOOKING FABRIC AND METAL MESH STRUCTURE AS BASE REFER TO DETAIL 5.1
CF18	R600 METAL MESH COFFEE TABLE REFER TO DETAIL 033
CF19	1200X600 METAL MESH DETAILED TABLE REFER TO DETAIL 034
CF20	1220X620 METAL MESH COMPUTER DESK REFER TO DETAIL 035
CF21	4500X200X5000X1500X450 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE WALL REFER TO DETAIL 036
CF22	1100X450 SHELVING UNIT WITH BLACK PAINTED STEEL AND 32 NAPOKA MDF FROM PG BISON FIXED TO THE WALL REFER TO DETAIL 037
CF23	500X2000 TIMBER BAR TABLE REFER TO DETAIL 038

FURNITURE LEGEND	
SYMBOL	DESCRIPTION
FF01	600X600 BLACK STAINLESS STEEL SERVER RACK FROM MIRO
FF02	600X50 55INCH BLACK TOUCH SCREEN-FLOOR STANDING PAYPOINT FROM AFRIMART
FF03	3 55INCH 144HZ BLACK TV SCREEN MOUNTED ON THE WALL @1600 FROM SAMSUNG
FF04	270 INCH 160HZ BLACK TV SCREEN MOUNTED ON THE WALL FROM SAMSUNG
FF05	600X510X875 BLACK LEATHER AUDITORIUM CHAIR WITH AUTO TIP-UP MECHANISM, MATCHING ARMREST AND UPHOLSTERED SIDE PANELS WITH MOULDED POLYPROPYLENE OUTER BACKREST AND UNDER SEAT COVERS.
FF06	1600X600 TIMBER EXTERIOR BENCH FIXED TO THE FLOOR FROM BLOCK&CHISEL
FF07	RECLAIMED CAR SEAT FIXED TO THE FLOORING
FF08	VR OMNI KAT WALK 360 DEGREE SIMULATOR
FF09	APEX SIM RACING RIG WITH FANATEC DD SIDE MOUNT FROM SIMULATOR CAVE
FF10	55INCH WALL MOUNTED TV SAMSUNG BLACK
FF11	263L SINGLE DOOR BLACK FRIDGE FROM SAMSUNG

LOOSE FURNITURE LEGEND	
SYMBOL	DESCRIPTION
LF01	BLACK LEATHER GAMING CHAIR FROM CORSAIR
LF02	24 INCH 160HZ SAMSUNG ODDSY MONITOR WITH GAMING PC SPECS OF THE COMPUTER IS TO BE DETERMINED BY THE SHOP OWNER
LF03	AZKOYEN PALMA H287 6 TRAYS VENDING MACHINE WITH CONMECH, NOTE READER & NAYAX CASHLESS SYSTEM 280 CAPACITY FEATURES FROM VENDING SOLUTIONS
LF04	500X500 (BRONX) TIMBER AND METAL BAR STOOL FROM DECOFURN
LF05	BLACK LEATHER MASSAGE CHAIR WITH BUILT IN SCREEN FROM JOYFURNITURE
LF06	R600 (DASH) TIMBER BAR TABLE FROM DECOFURN
LF07	R600 (CRUZ) TIMBER BAR CHAIR FROM DECOFURN
LF08	1600 2 SEATER LEATHER COUCH FROM ROCHESTER
LF09	1200 METAL LOCKER TURNED TO ITS SIDE AND USED AS A TABLE (RECLAIMED)
LF10	TC100 BLACK LEATHER RELAXED ERGONOMIC GAMING CHAIR WITH FOOTREST FROM CORSAIR
LF11	TC200 BLACK PLUSH LEATHERETTE ERGONOMIC GAMING CHAIR FROM CORSAIR
LF12	800X450 (TREV) BLACK MDF COFFEE TABLE FROM DECOFURN
LF13	3 SEATER LEATHER COUCH FROM ROCHESTER
LF14	R500 (CAPRI) TIMBER AND METAL BAR STOOL FROM DECOFURN

Notes

- GENERAL NOTES  
 1. ORIGINAL PLANS OBTAINED FROM THE ZONE SHOPPING MALL MANAGEMENT.  
 2. THIS PLAN IS THE ALTERATIONS PLAN DONE BY THE INTERIOR DESIGNER.  
 3. MAIN ACCESS DEMOLISHED AND MOVED AS PER PLAN.  
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 9. ALL DIMENSIONS ARE SCALED AS PER DRAWING.  
 10. ANY DISCREPANCIES MUST BE REPORTED TO THE DESIGNER IMMEDIATELY.

Revision table

	Date
A	First draft 14.08.2024
B	Break room update 27.09.2024
C	Adjusted to new layout, fixed lineweight 07.10.2024
D	Full scale test print, fixed small mistakes 16.10.2024

Student logo



Student name  
F. Betül Soncu, 220049869

Subject  
BACT6Y4

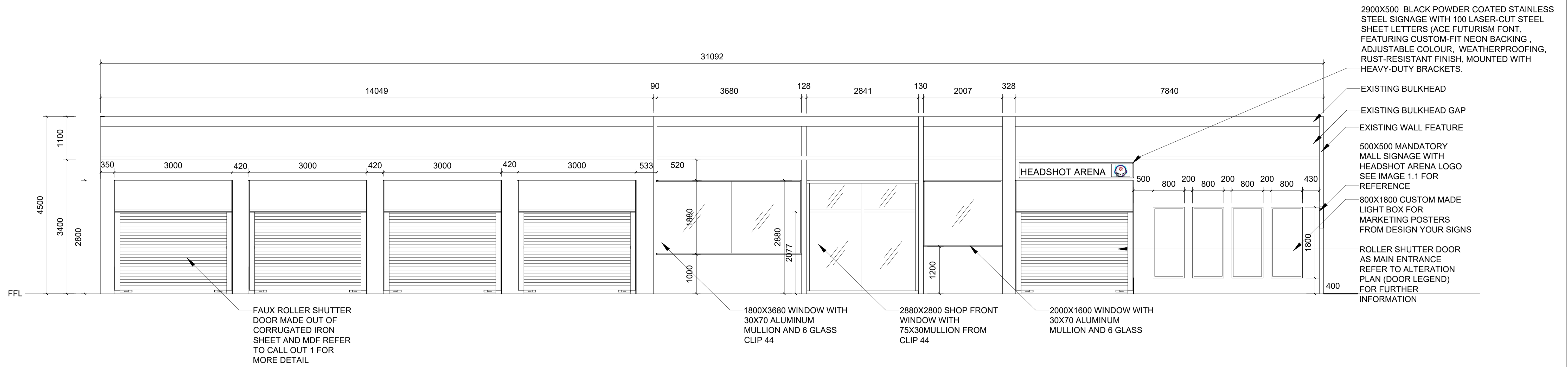
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HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title  
SPACE PLANNING & FURNITURE LAYOUT PLAN

Date submitted 16.10.2024 Page number 4 Total pages 12

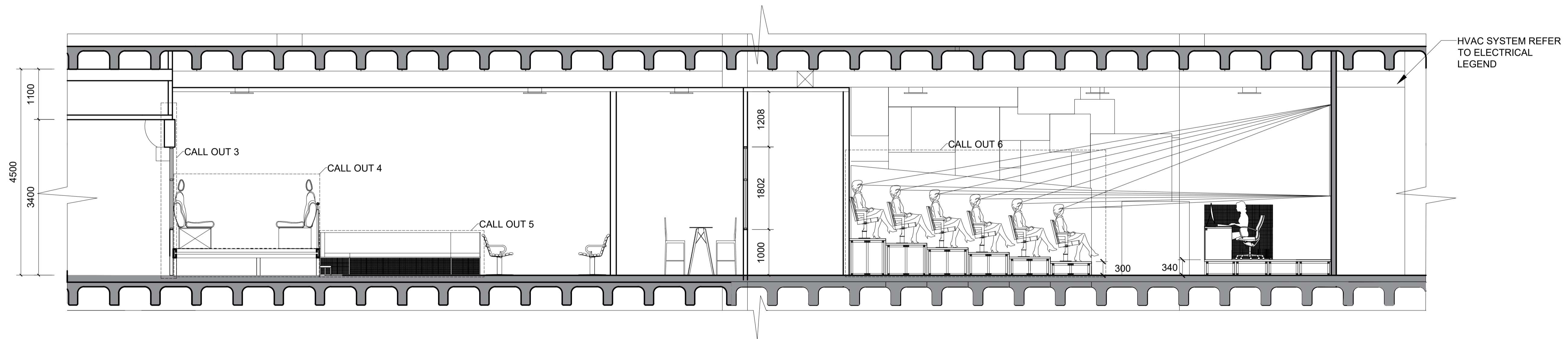
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Assessed by Result



SHOPFRONT ELEVATION

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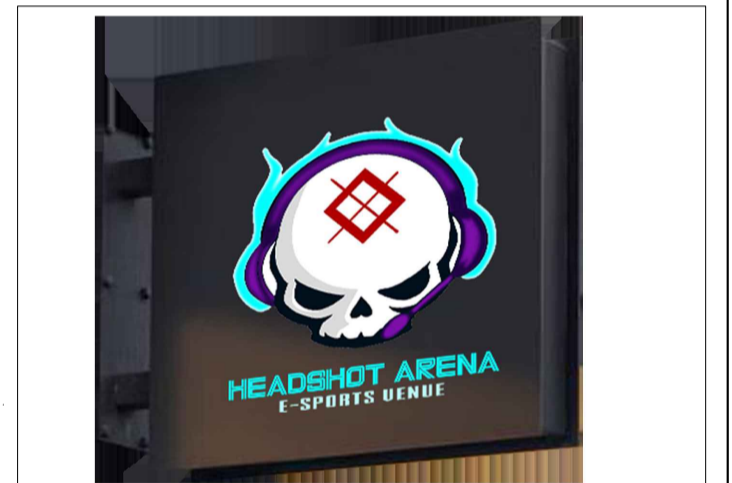


SECTION D-D

1:50

NOTES

Image 1.1: Headshot arena lollipop sign



Student logo



Student name  
F. Betül Soncu,220049869

Subject  
BACT6Y4

Project title  
HEADSHOT ARENA- THE ZONE SHOPPING MALL

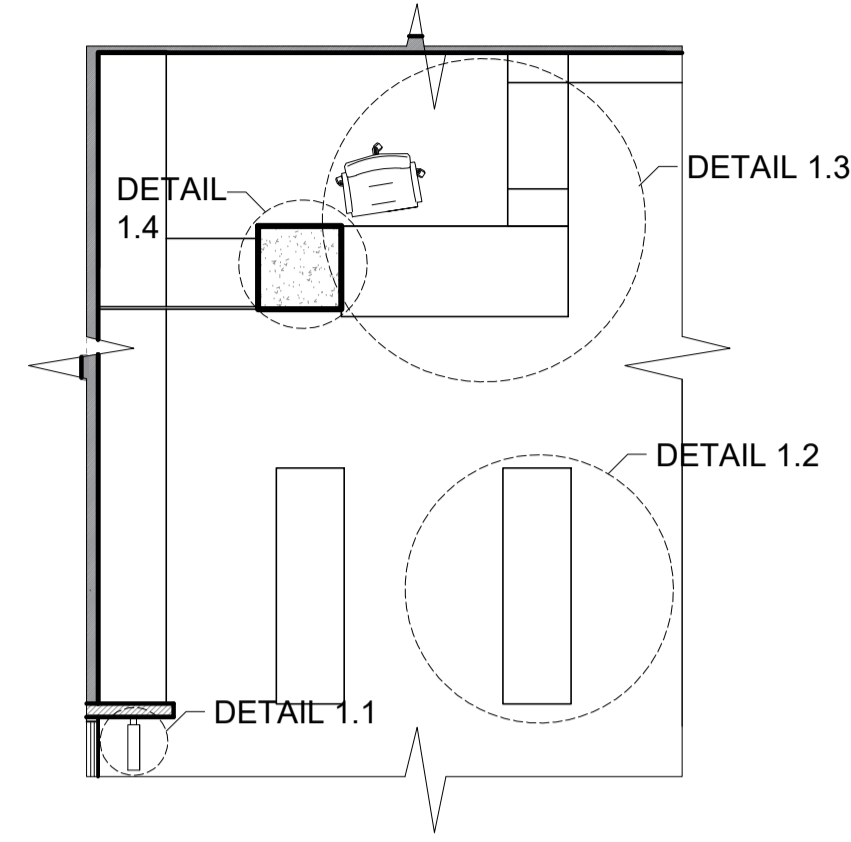
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Date submitted	Page number	Total pages
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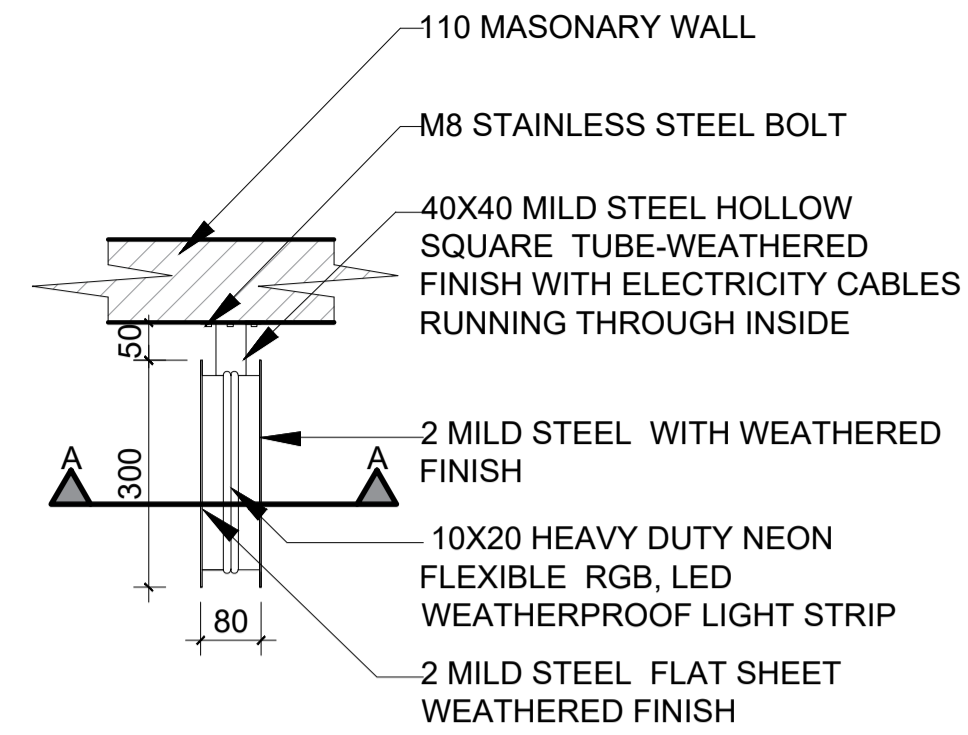
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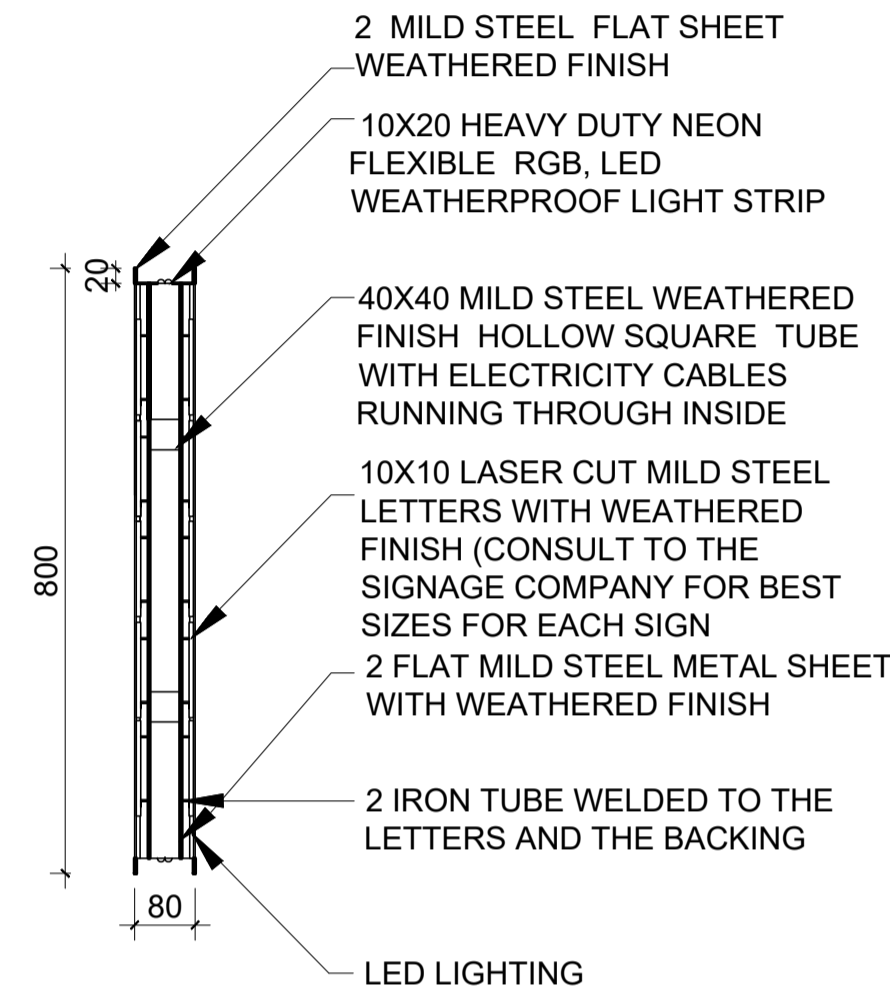
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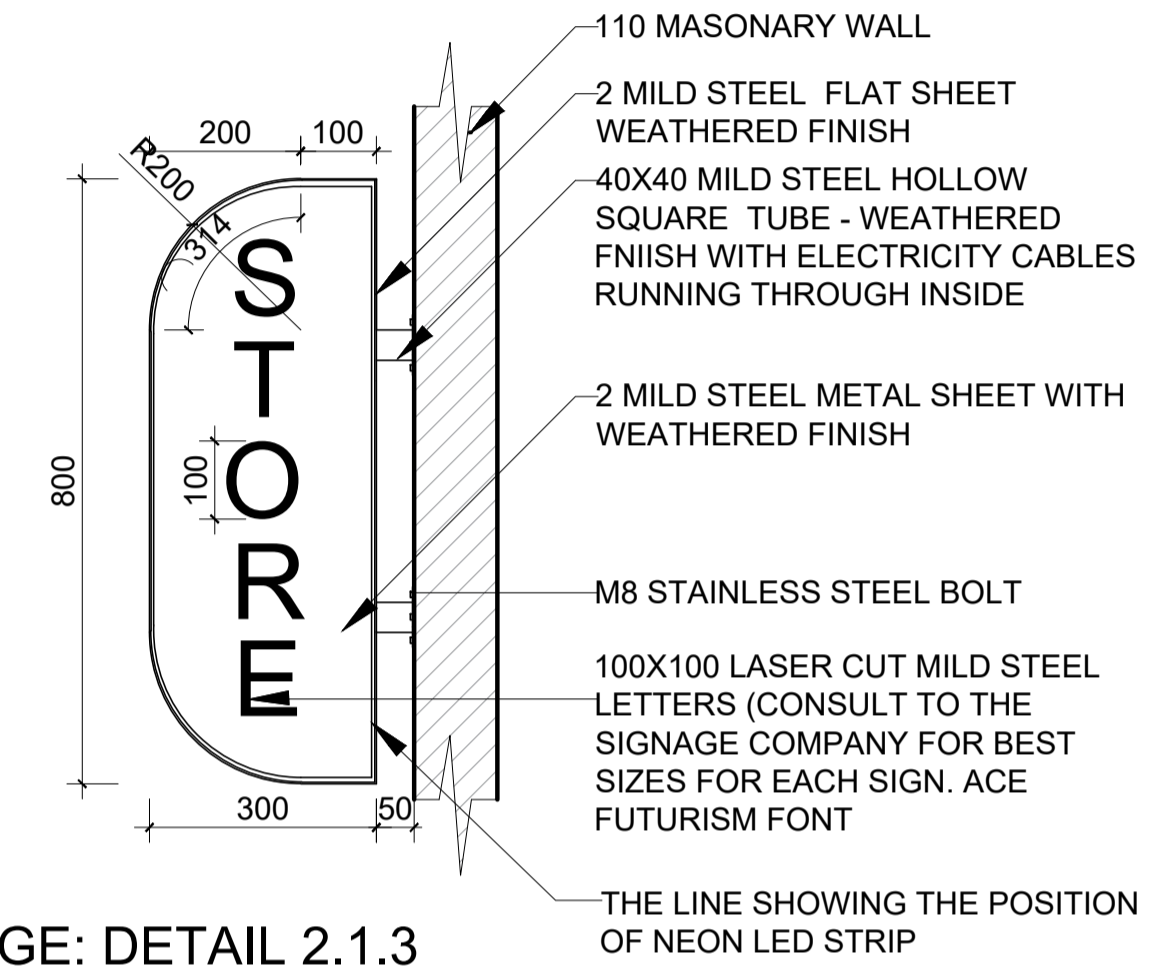
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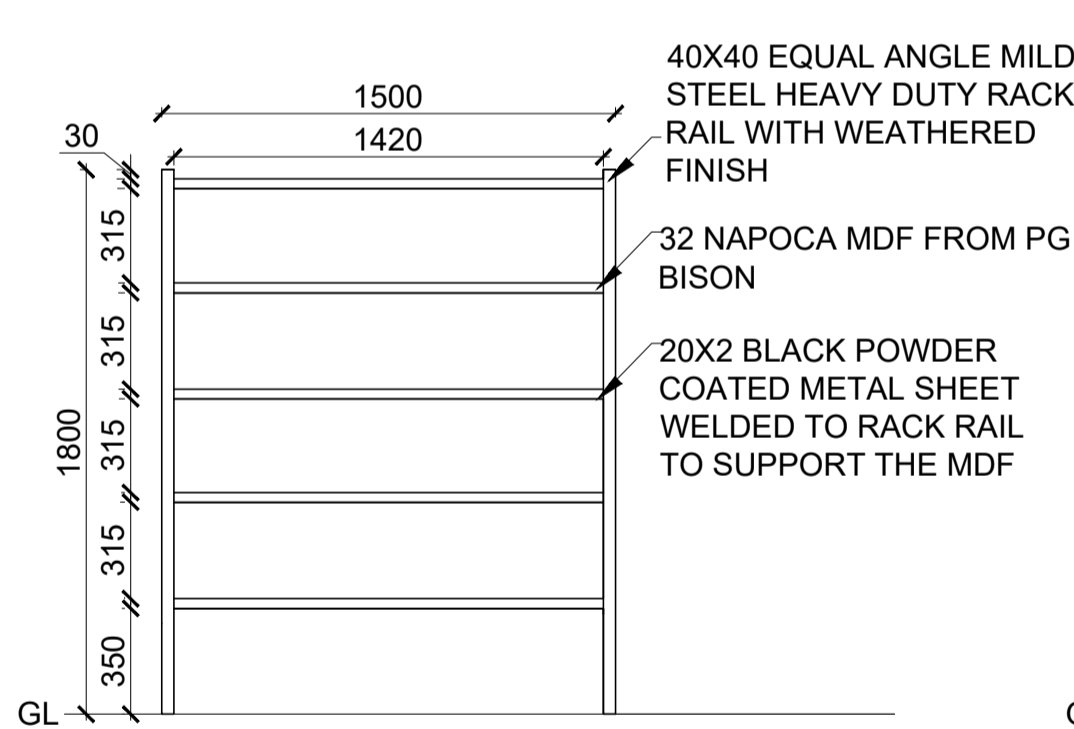
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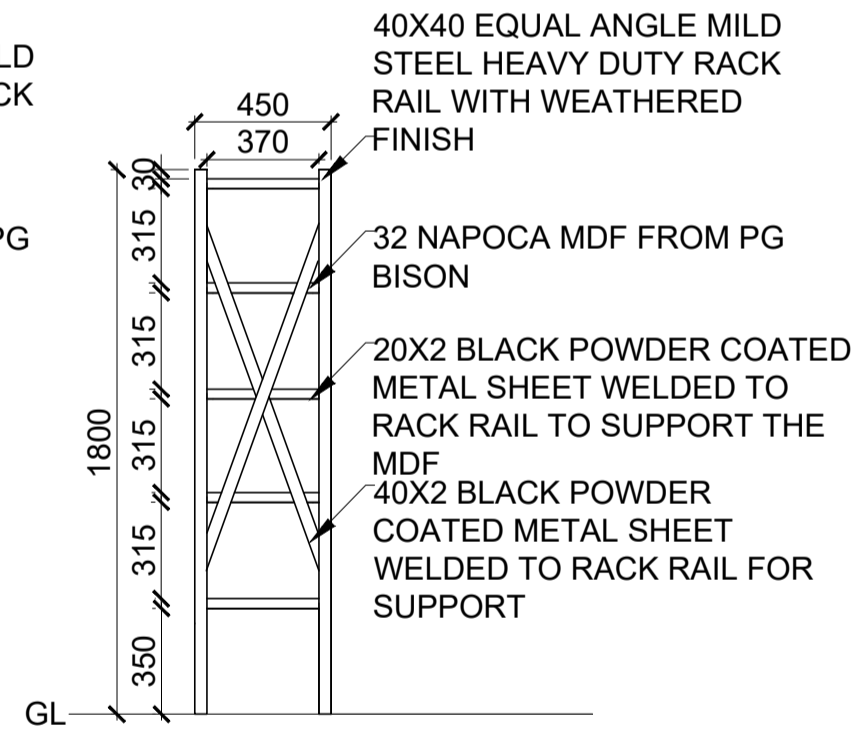
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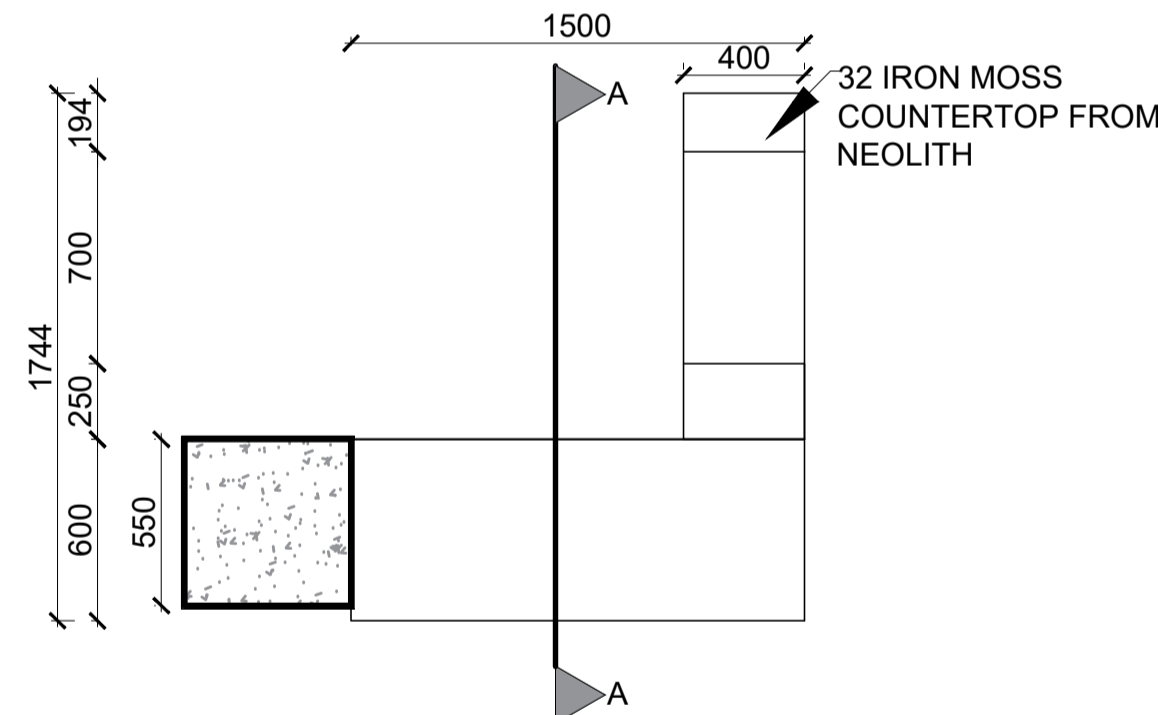
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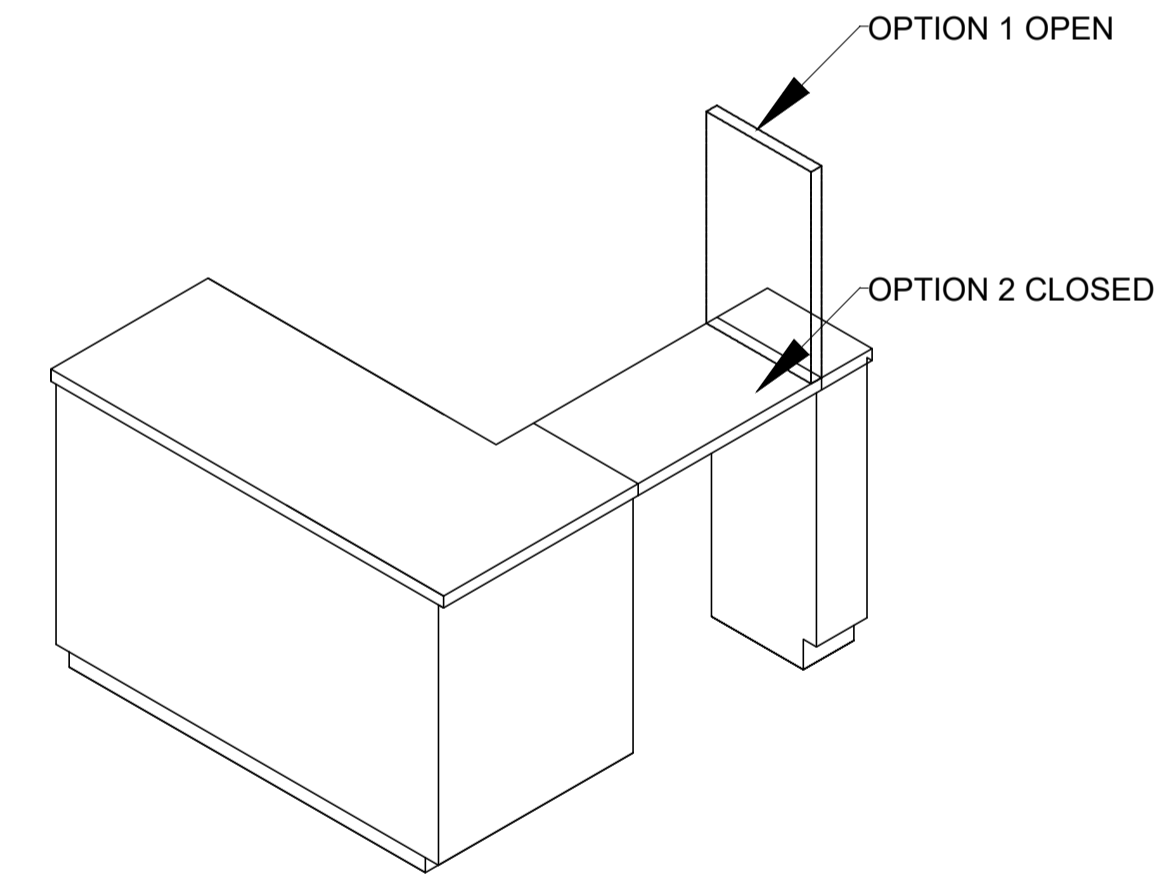
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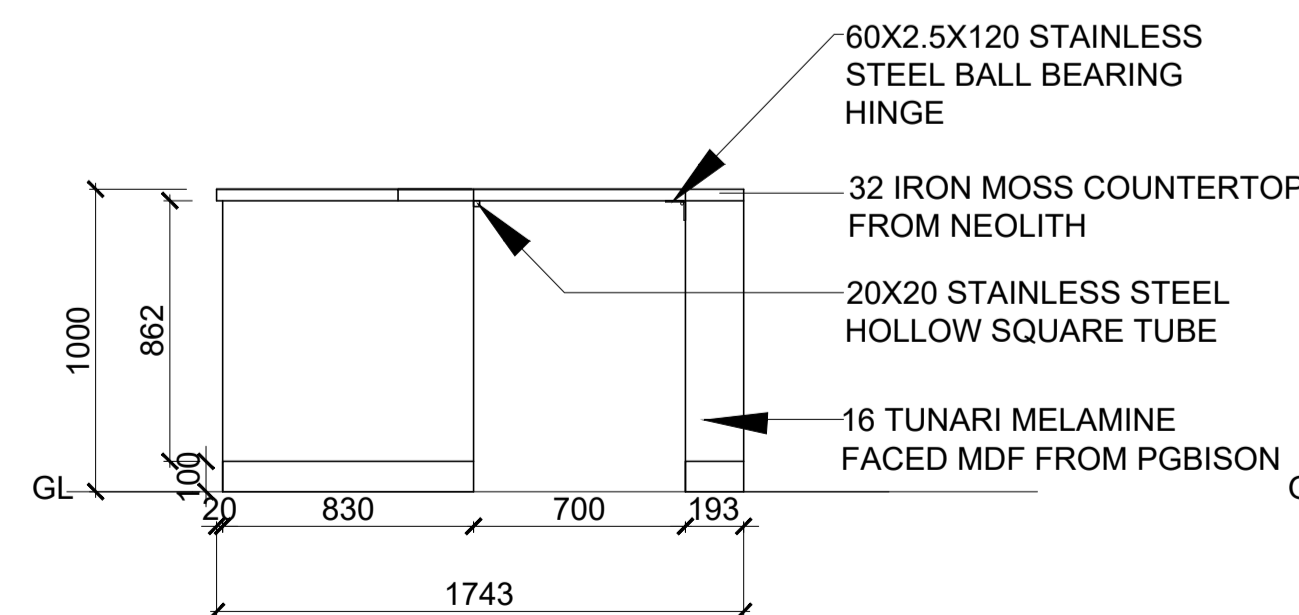
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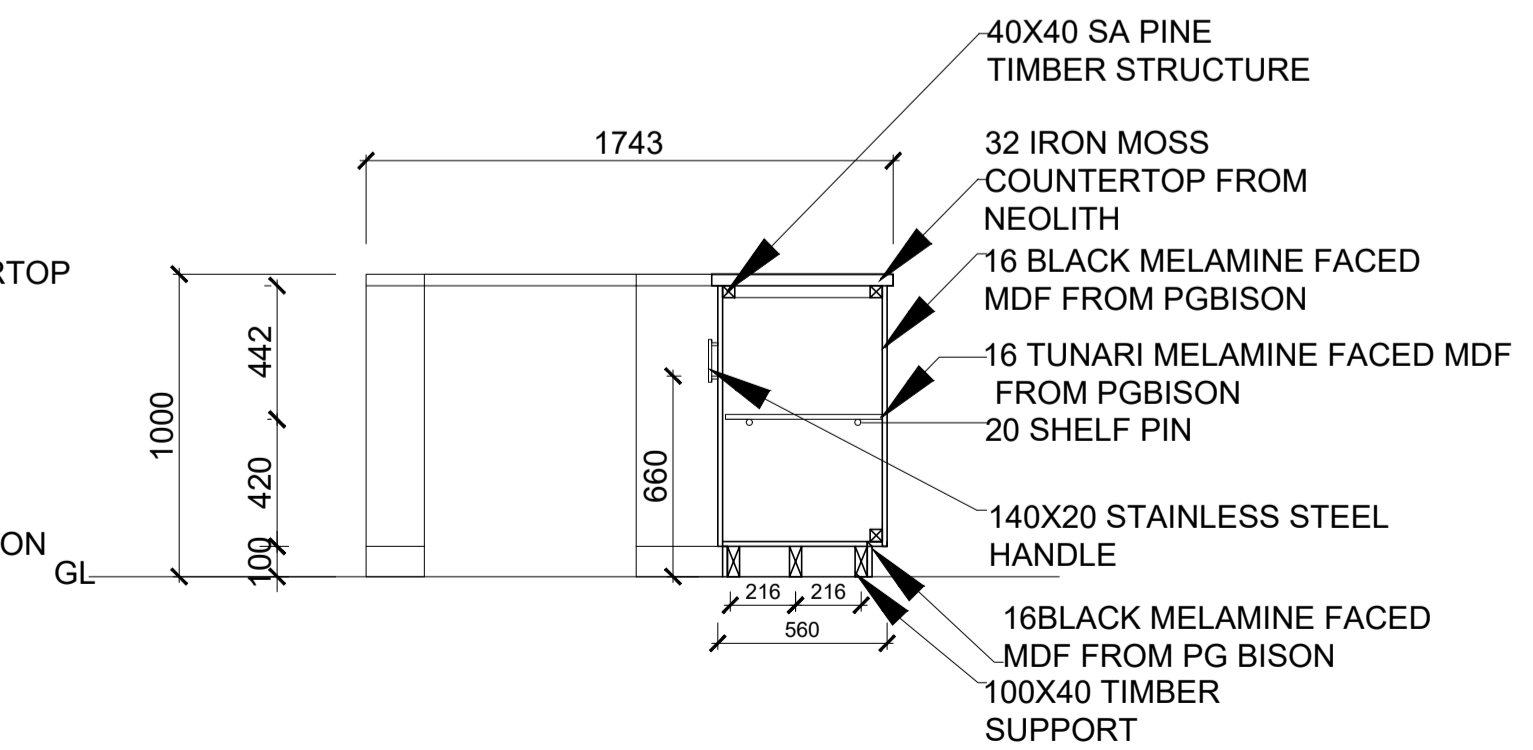
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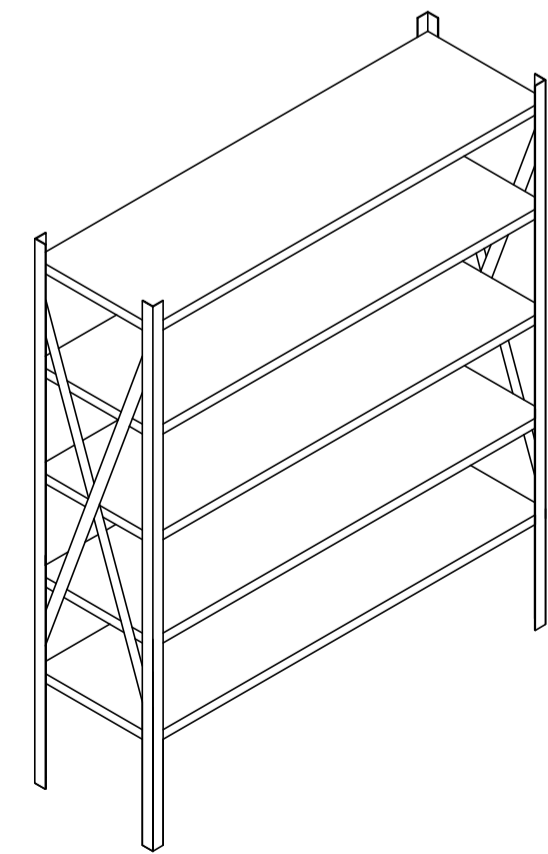
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COUNTER: DETAIL: 2.3.3  
1:25



COUNTER: DETAIL: 2.3.4  
1:25



FREE STANDING SHELF: DETAIL 2.2.3  
1:25

Notes

SIGNAGE:

SIGNAGE THAT PROJECTS FROM THE WALL OR CEILING MUST BE SECURELY ANCHORED AND COMPLY WITH SANS 10400-B (STRUCTURAL DESIGN) TO ENSURE STABILITY.  
ALL ILLUMINATED SIGNAGE MUST COMPLY WITH SANS 10142-1 (ELECTRICAL INSTALLATIONS) AND SHOULD BE INSTALLED BY A LICENSED ELECTRICIAN. ENSURE THAT ALL ELECTRICAL COMPONENTS ARE CONCEALED AND SAFELY WIRED.  
POSITION SIGNAGE AT APPROPRIATE HEIGHTS FOR VISIBILITY AND ACCESSIBILITY, ENSURING COMPLIANCE WITH SANS 10400-S FOR PERSONS WITH DISABILITIES (E.G., ENSURING KEY INFORMATION IS READABLE FROM A HEIGHT OF 1.0M TO 1.6M).

COUNTER:

COUNTER HEIGHT MUST COMPLY WITH ERGONOMIC STANDARDS, IDEALLY BETWEEN 900MM - 1,100MM, FOR COMFORTABLE USE BY CUSTOMERS AND STAFF.  
ALL ELECTRICAL OUTLETS AND SERVICE CONNECTIONS WITHIN THE COUNTER MUST COMPLY WITH SANS 10142-1, WITH CABLES AND WIRING CONCEALED TO PREVENT TRIPPING HAZARDS OR TAMPERING.  
COUNTERTOP MATERIALS MUST BE DURABLE, EASY TO CLEAN, AND FIRE-RESISTANT, IN LINE WITH SANS 10400-T (FIRE PROTECTION).  
COUNTERS MUST NOT OBSTRUCT ACCESS TO EMERGENCY EXITS

DISPLAY UNITS AND FIXTURES:

DISPLAY UNITS MUST BE FREE-STANDING OR SECURELY ANCHORED TO THE WALL OR FLOOR ACCORDING TO SANS 10160 (STRUCTURAL DESIGN) TO PREVENT TIPPING OR COLLAPSE.  
ENSURE ADEQUATE SPACING BETWEEN DISPLAY UNITS (MINIMUM 1.0M) TO ALLOW FOR CUSTOMER FLOW AND COMPLIANCE WITH EMERGENCY EVACUATION STANDARDS PER SANS 10400-T.

ADDITIONAL NOTES:

VERIFY ALL DIMENSIONS AND MATERIALS ON-SITE BEFORE COMMENCING INSTALLATION.  
COORDINATE WITH OTHER TRADES (ELECTRICAL, PLUMBING, ETC.) TO ENSURE SEAMLESS INTEGRATION OF ALL SYSTEMS.  
ALL MATERIALS AND FINISHES MUST BE APPROVED BY THE CLIENT AND THE DESIGNER BEFORE INSTALLATION.  
ENSURE REGULAR INSPECTIONS ARE CONDUCTED TO VERIFY COMPLIANCE WITH SANS STANDARDS THROUGHOUT THE PROJECT.

Revision table

Revision	Date
A	First draft 10.10.2024
B	Updated scale and addition of new details 20.10.2024
C	
D	

Student logo



Student name  
F. Betül Soncu,220049869

Subject  
BACT6Y4

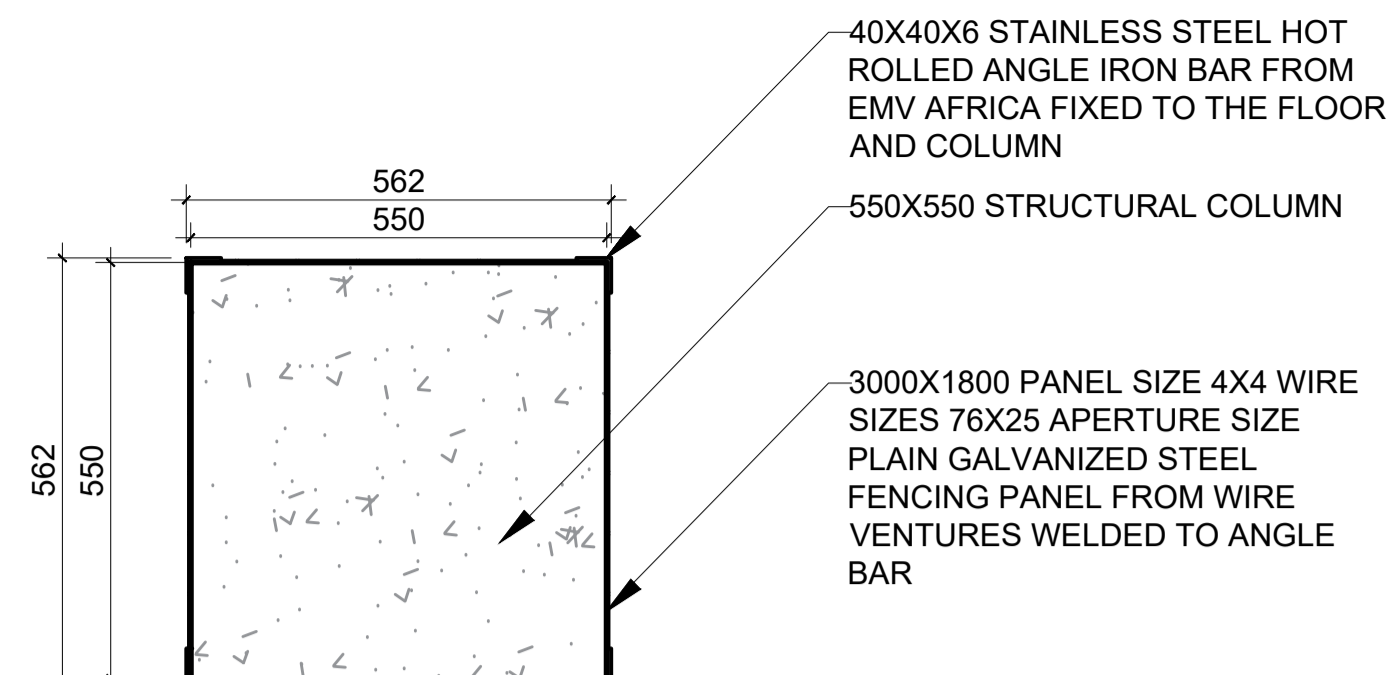
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HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title  
SHOP FITTING DRAWINGS-CALL OUT 1

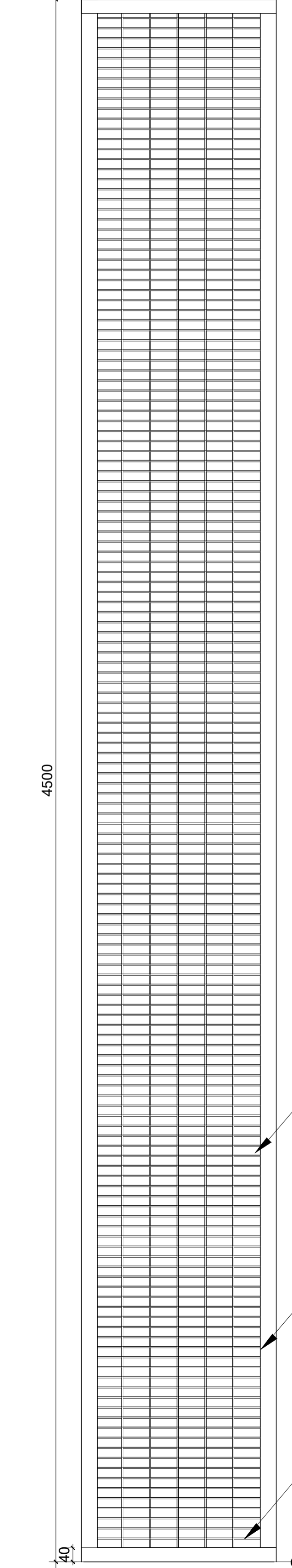
Date submitted 20.10.2024 Page number 6 Total pages 12

Scale AS INDICATED Drawing number 800 Revision B

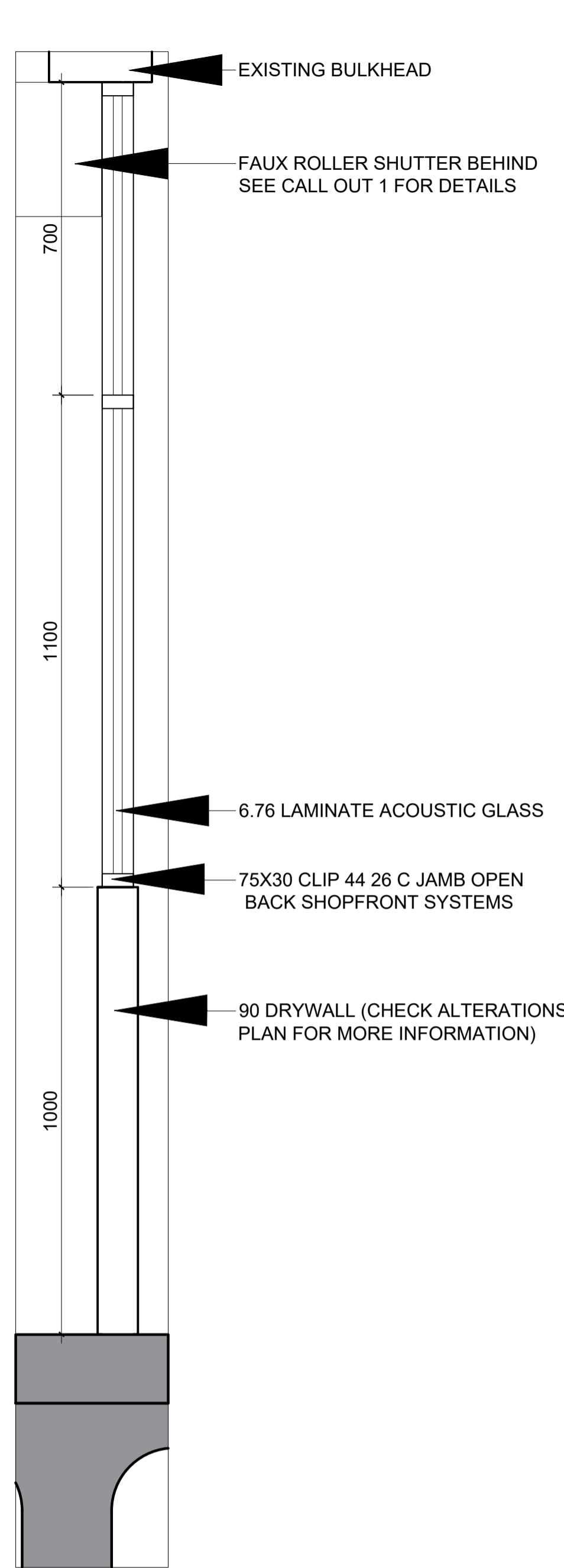
Assessed by Result



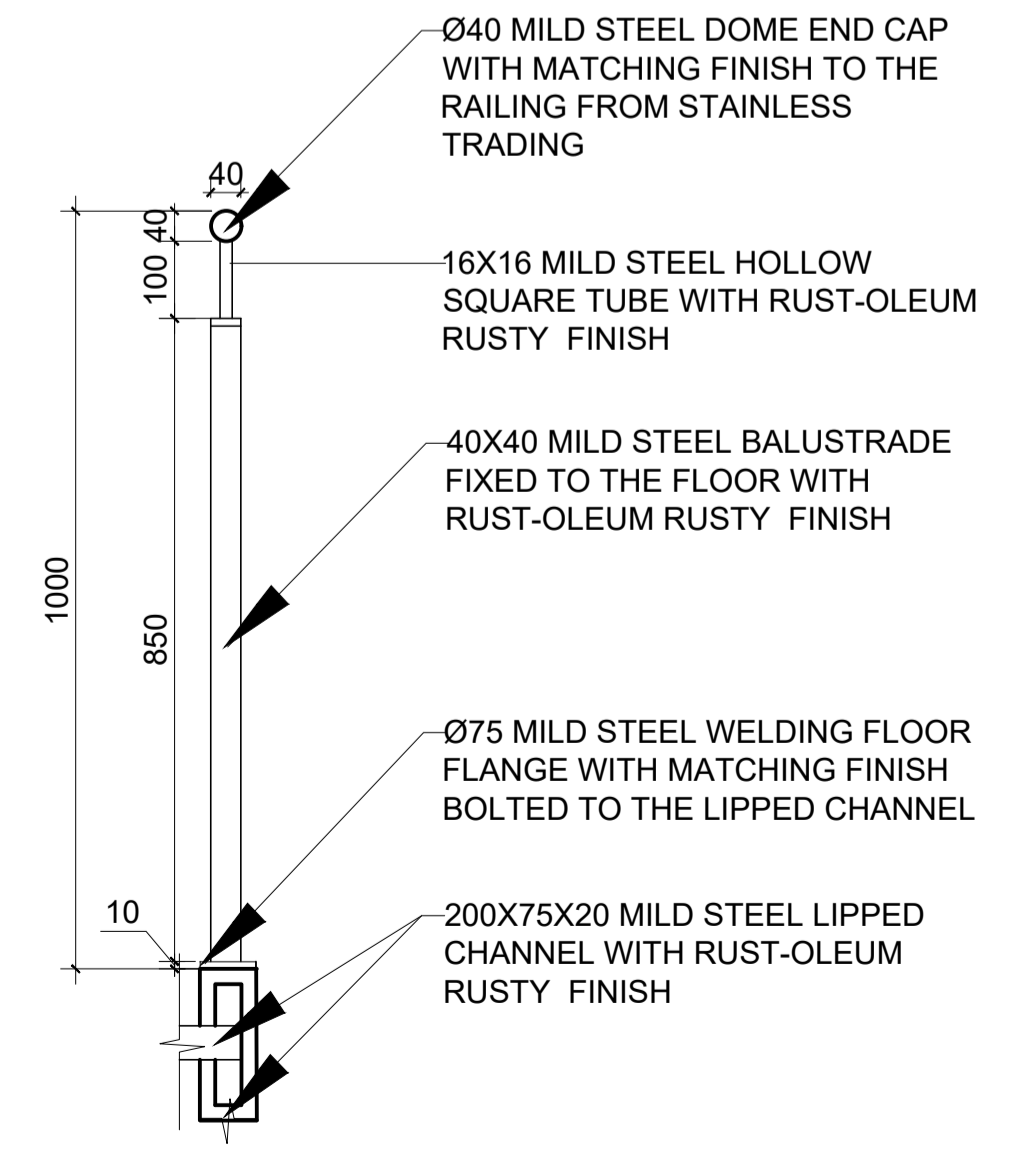
COUNTER-COLUMN DETAIL: 2.4.1  
1:10



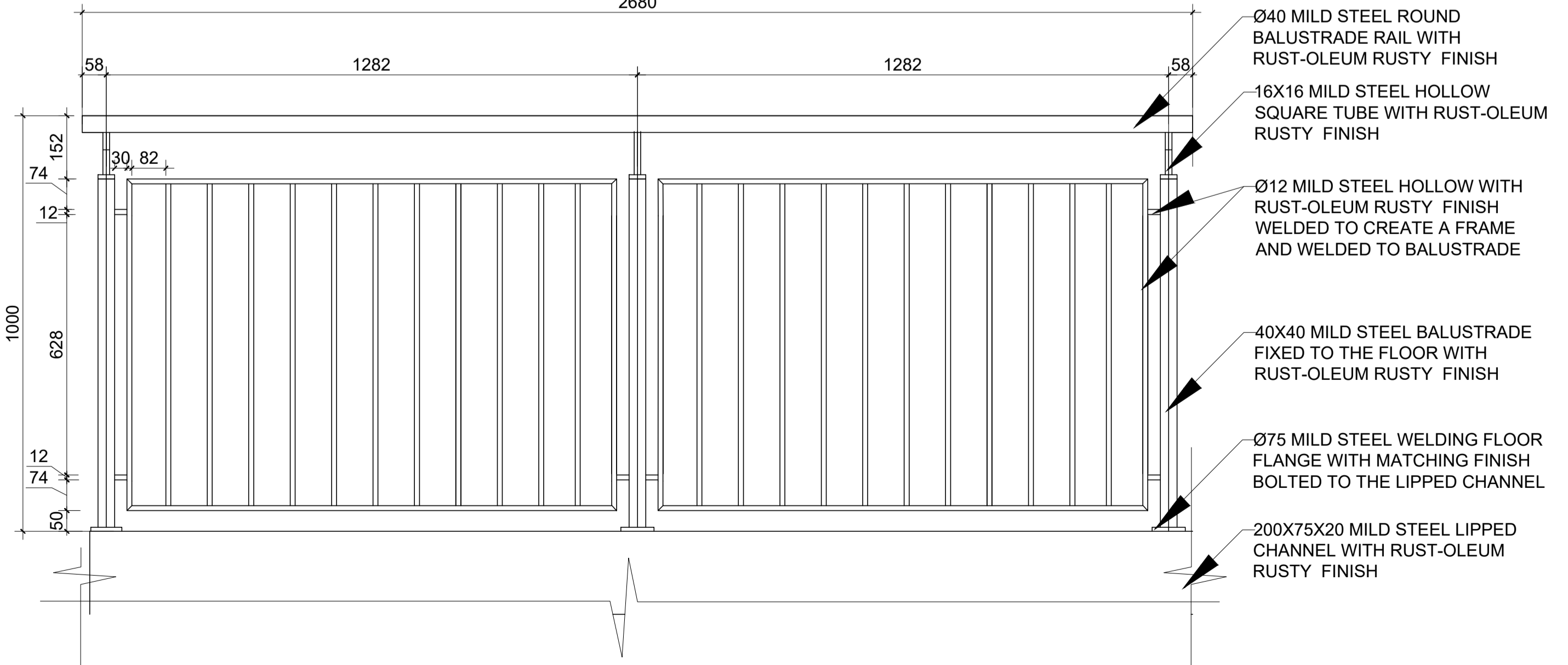
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1:10



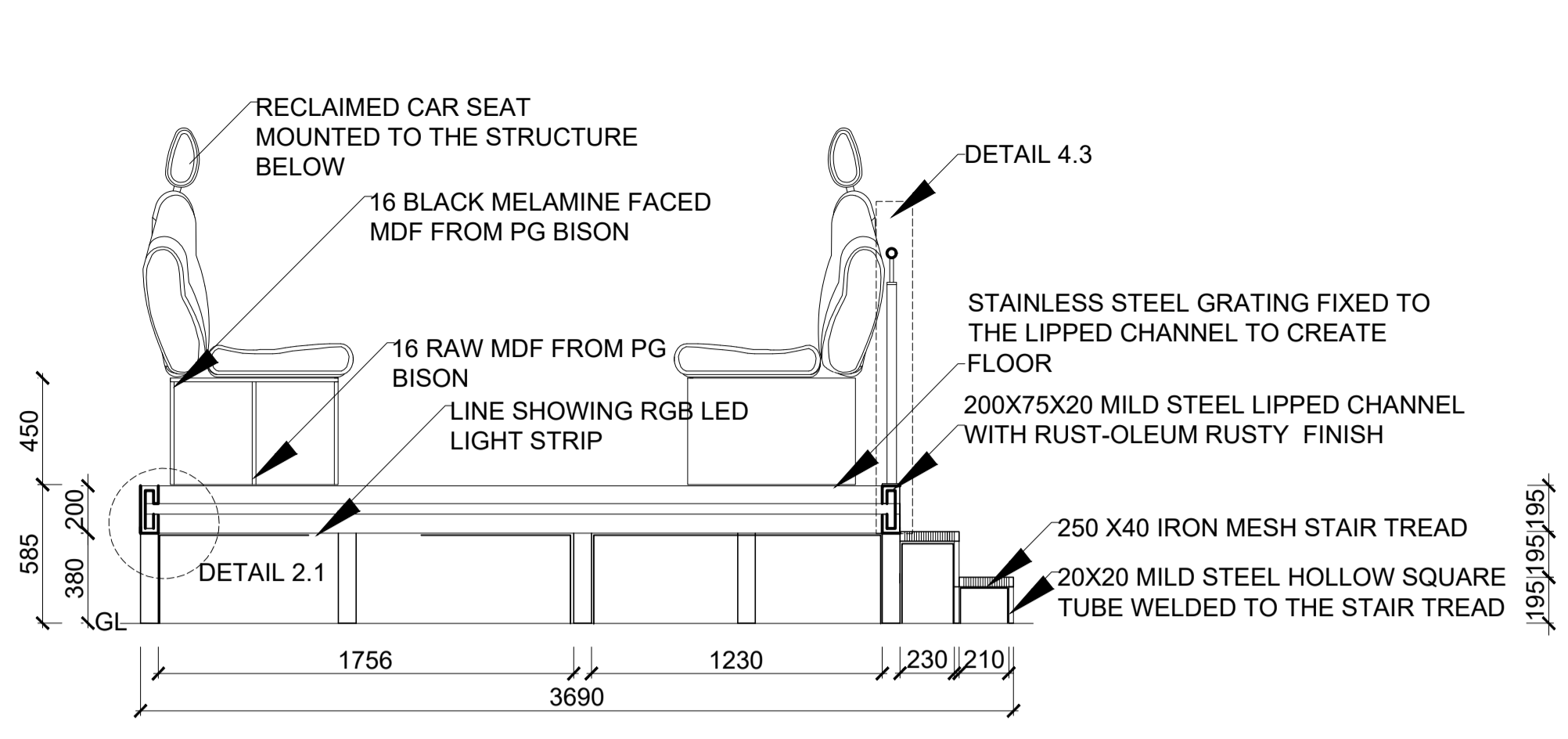
CALL OUT 3-SECTION THROUGH SHOPFRONT  
DETAIL: 3.1  
1:10



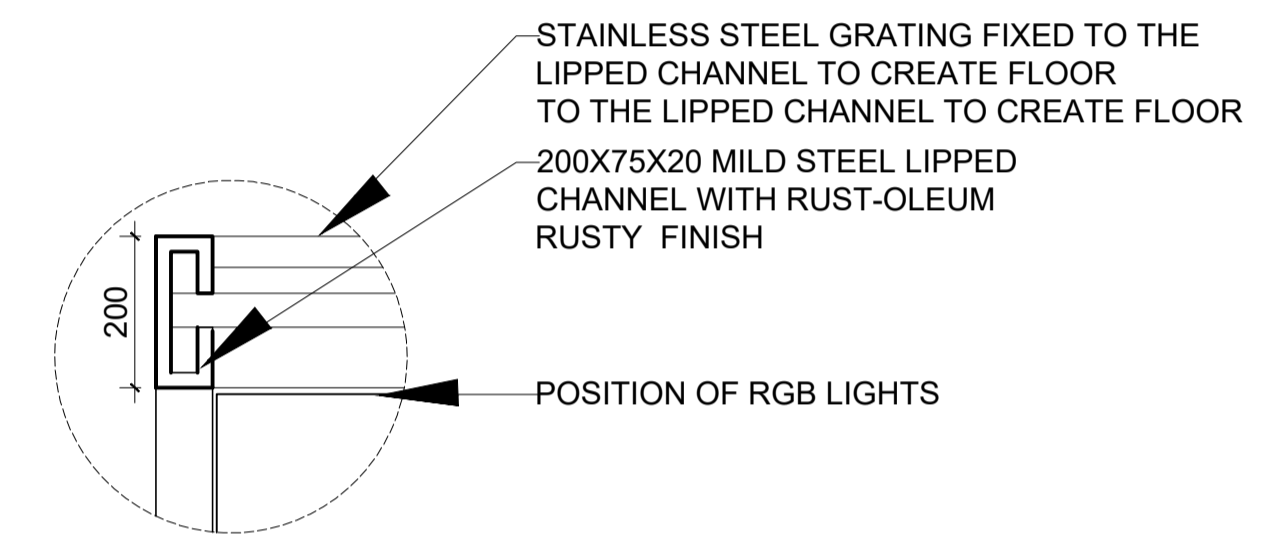
CALL OUT 4-RAISED PLATFORM  
BALLUSTRADE DETAIL: 4.3.1  
1:10



CALL OUT 4-RAISED PLATFORM  
BALLUSTRADE DETAIL: 4.3.2  
1:10



CALL OUT 4-RAISED PLATFORM  
DETAIL: 4.1  
1:25



CALL OUT 4-RAISED PLATFORM FIXING  
DETAIL: 4.2  
1:10

**Notes**

DOUBLE-CHECK ALL DIMENSIONS ON-SITE BEFORE COMMENCING CONSTRUCTION. ENSURE THAT ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL SITE CONDITIONS ARE ADDRESSED BEFORE PROCEEDING.

ENSURE THAT ALL WORK ADHERES TO THE RELEVANT SANS STANDARDS, INCLUDING SANS 10400 FOR BUILDING REGULATIONS AND SANS 10142-1 FOR ELECTRICAL INSTALLATIONS. CONSULT APPLICABLE SECTIONS OF SANS BASED ON THE NATURE OF THE WORK (E.G., STRUCTURAL, FIRE SAFETY, ACCESSIBILITY).

REGULARLY INSPECT MATERIALS, FINISHES, AND CONSTRUCTION PROGRESS TO ENSURE COMPLIANCE WITH BOTH CLIENT SPECIFICATIONS AND INDUSTRY STANDARDS. REPORT ANY ISSUES IMMEDIATELY TO THE PROJECT MANAGER FOR RESOLUTION.

ENSURE THAT ALL SAFETY PROTOCOLS ARE FOLLOWED DURING CONSTRUCTION, INCLUDING PROPER USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE) AND ADHERENCE TO SANS 10400-D (PUBLIC SAFETY). ALL WORK MUST MEET OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS.

COORDINATE WITH ALL SUBCONTRACTORS (E.G., ELECTRICAL, PLUMBING, AND STRUCTURAL) TO ENSURE SEAMLESS INTEGRATION OF ALL SYSTEMS. ANY GLASHES OR ISSUES MUST BE RESOLVED IN ADVANCE TO AVOID DELAYS DURING CONSTRUCTION.

ALL MATERIALS AND FINISHES MUST BE REVIEWED AND APPROVED BY THE CLIENT AND THE DESIGN TEAM BEFORE INSTALLATION. ENSURE ALL MATERIALS ARE DURABLE, EASY TO MAINTAIN, AND IN LINE WITH SANS SPECIFICATIONS.

PROTECT EXISTING STRUCTURES, SURFACES, AND FINISHES DURING CONSTRUCTION. ANY DAMAGE CAUSED MUST BE RECTIFIED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

DISPOSE OF ALL CONSTRUCTION WASTE RESPONSIBLY AND IN ACCORDANCE WITH LOCAL REGULATIONS. RECYCLING OF MATERIALS WHERE POSSIBLE IS ENCOURAGED.

ENSURE ALL AREAS COMPLY WITH ACCESSIBILITY REQUIREMENTS AS PER SANS 10400-S. MAINTAIN SUFFICIENT CLEARANCE IN WORK AREAS FOR SAFE MOVEMENT OF WORKERS AND MATERIALS.

CONDUCT FINAL INSPECTIONS OF ALL COMPLETED WORK BEFORE HANDOVER TO ENSURE COMPLIANCE WITH SANS STANDARDS, CLIENT EXPECTATIONS, AND PROJECT SPECIFICATIONS. ADDRESS ANY SNAG ITEMS PROMPTLY BEFORE PROJECT COMPLETION.

Revision table

Revision	Date
A	First draft 10.10.2024
B	Updated scale and addition of new details 20.10.2024
C	
D	



Student name: F. Betül Soncu, 220049869  
Subject: BACT6Y4

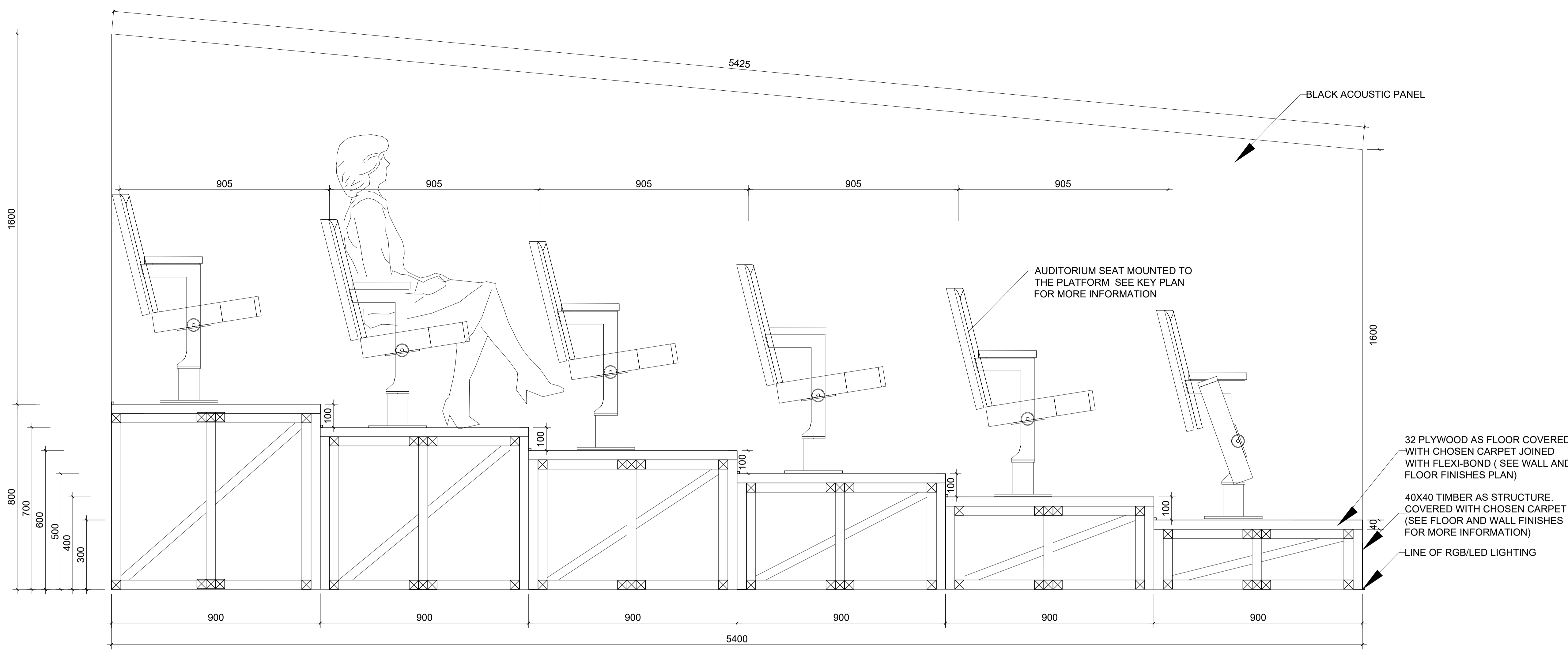
Project title: HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title: SHOP FITTING DRAWINGS-CALL OUT 1

Date submitted	Page number	Total pages
20.10.2024	7	12

Scale	Drawing number	Revision
AS INDICATED	800	B

Assessed by: Result



**Notes**

DOUBLE-CHECK ALL DIMENSIONS ON-SITE BEFORE COMMENCING CONSTRUCTION. ENSURE THAT ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL SITE CONDITIONS ARE ADDRESSED BEFORE PROCEEDING.

ENSURE THAT ALL WORK ADHERES TO THE RELEVANT SANS STANDARDS, INCLUDING SANS 10400 FOR BUILDING REGULATIONS AND SANS 10142-1 FOR ELECTRICAL INSTALLATIONS. CONSULT APPLICABLE SECTIONS OF SANS BASED ON THE NATURE OF THE WORK (E.G., STRUCTURAL, FIRE SAFETY, ACCESSIBILITY).

REGULARLY INSPECT MATERIALS, FINISHES, AND CONSTRUCTION PROGRESS TO ENSURE COMPLIANCE WITH BOTH CLIENT SPECIFICATIONS AND INDUSTRY STANDARDS. REPORT ANY ISSUES IMMEDIATELY TO THE PROJECT MANAGER FOR RESOLUTION.

ENSURE THAT ALL SAFETY PROTOCOLS ARE FOLLOWED DURING CONSTRUCTION, INCLUDING PROPER USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE) AND ADHERENCE TO SANS 10400-D (PUBLIC SAFETY). ALL WORK MUST MEET OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS.

COORDINATE WITH ALL SUBCONTRACTORS (E.G., ELECTRICAL, PLUMBING, AND STRUCTURAL) TO ENSURE SEAMLESS INTEGRATION OF ALL SYSTEMS. ANY CLASHES OR ISSUES MUST BE RESOLVED IN ADVANCE TO AVOID DELAYS DURING CONSTRUCTION.

ALL MATERIALS AND FINISHES MUST BE REVIEWED AND APPROVED BY THE CLIENT AND THE DESIGN TEAM BEFORE INSTALLATION. ENSURE ALL MATERIALS ARE DURABLE, EASY TO MAINTAIN, AND IN LINE WITH SANS SPECIFICATIONS.

PROTECT EXISTING STRUCTURES, SURFACES, AND FINISHES DURING CONSTRUCTION. ANY DAMAGE CAUSED MUST BE RECTIFIED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

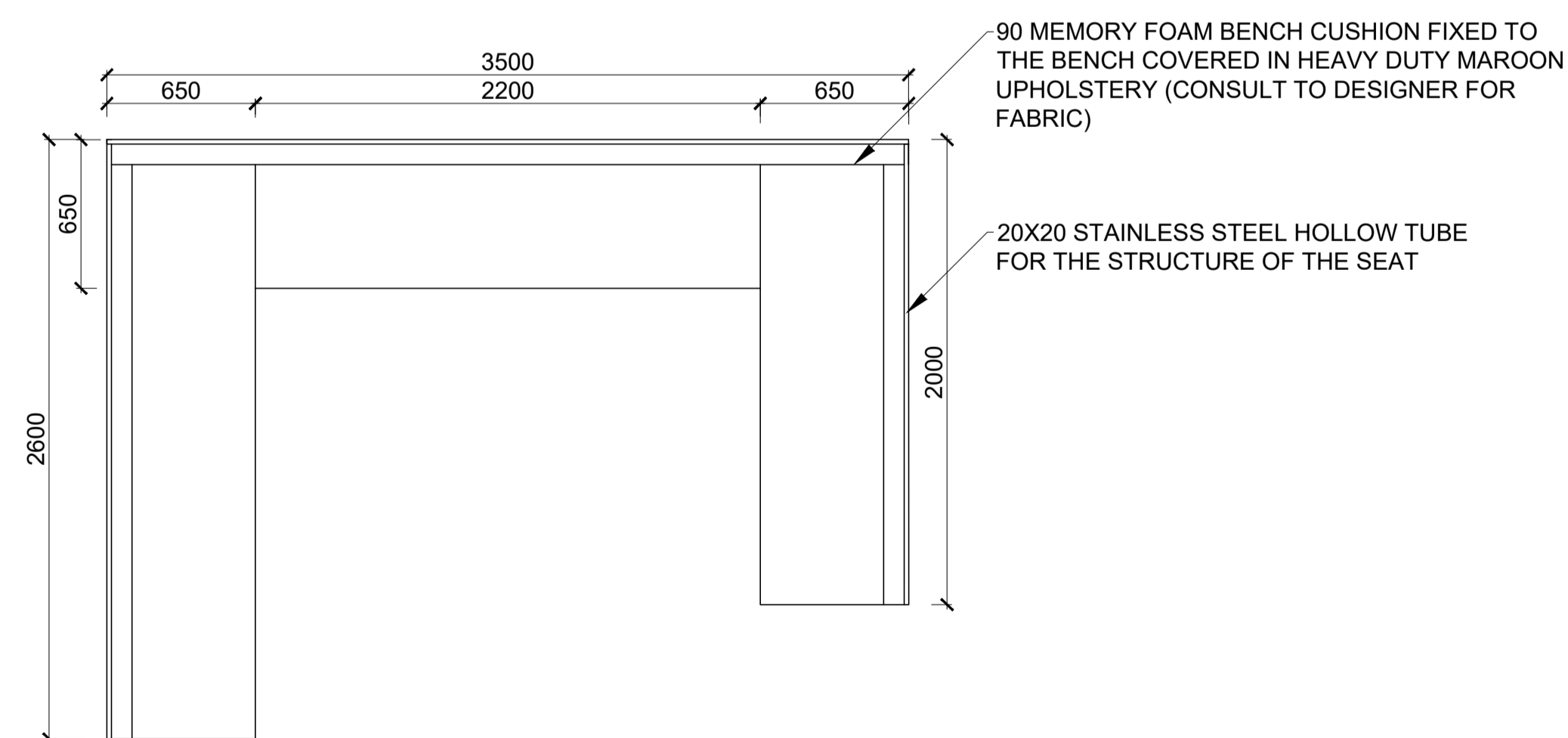
DISPOSE OF ALL CONSTRUCTION WASTE RESPONSIBLY AND IN ACCORDANCE WITH LOCAL REGULATIONS. RECYCLING OF MATERIALS WHERE POSSIBLE IS ENCOURAGED.

ENSURE ALL AREAS COMPLY WITH ACCESSIBILITY REQUIREMENTS AS PER SANS 10400-S. MAINTAIN SUFFICIENT CLEARANCE IN WORK AREAS FOR SAFE MOVEMENT OF WORKERS AND MATERIALS.

CONDUCT FINAL INSPECTIONS OF ALL COMPLETED WORK BEFORE HANDOVER TO ENSURE COMPLIANCE WITH SANS STANDARDS, CLIENT EXPECTATIONS, AND PROJECT SPECIFICATIONS. ADDRESS ANY SNAG ITEMS PROMPTLY BEFORE PROJECT COMPLETION.

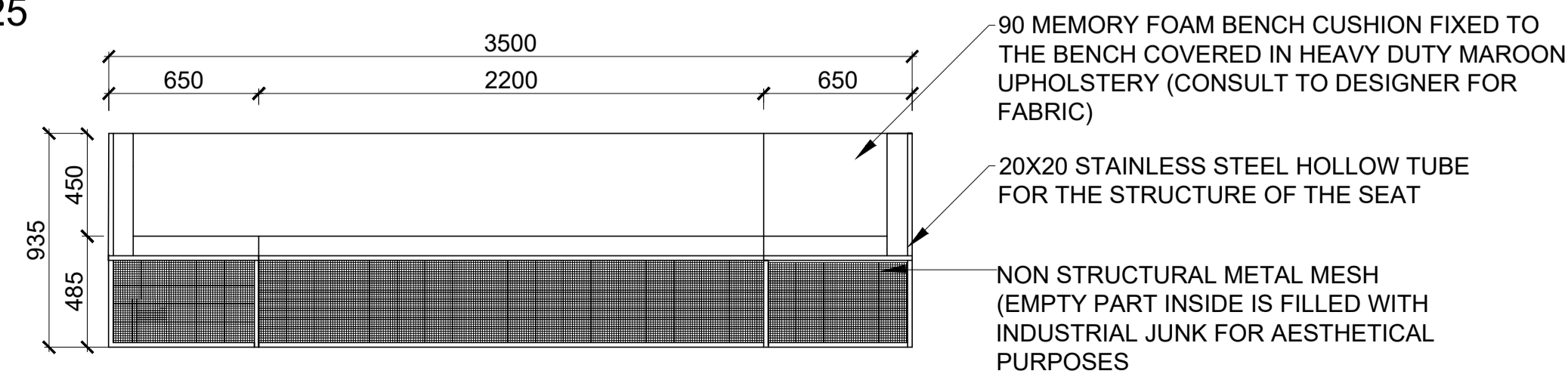
CALL OUT 6: RAISED PLATFORM DETAIL 6.1

1:10



CALL OUT 5: BUILT IN SEATING DETAIL 5.1

1:25



CALL OUT 5: BUILT IN SEATING DETAIL 5.2

1:25



CALL OUT 6 RAISED PLATFORM TOP VIEW:6.2

1:25

Revision table

		Date
A	First draft	10.10.2024
B	Updated scale and addition of new details	20.10.2024
C		
D		



Student name: F. Betül Soncu, 220049869

Subject: BACT6Y4

Project title: HEADSHOT ARENA- THE ZONE SHOPPING MALL

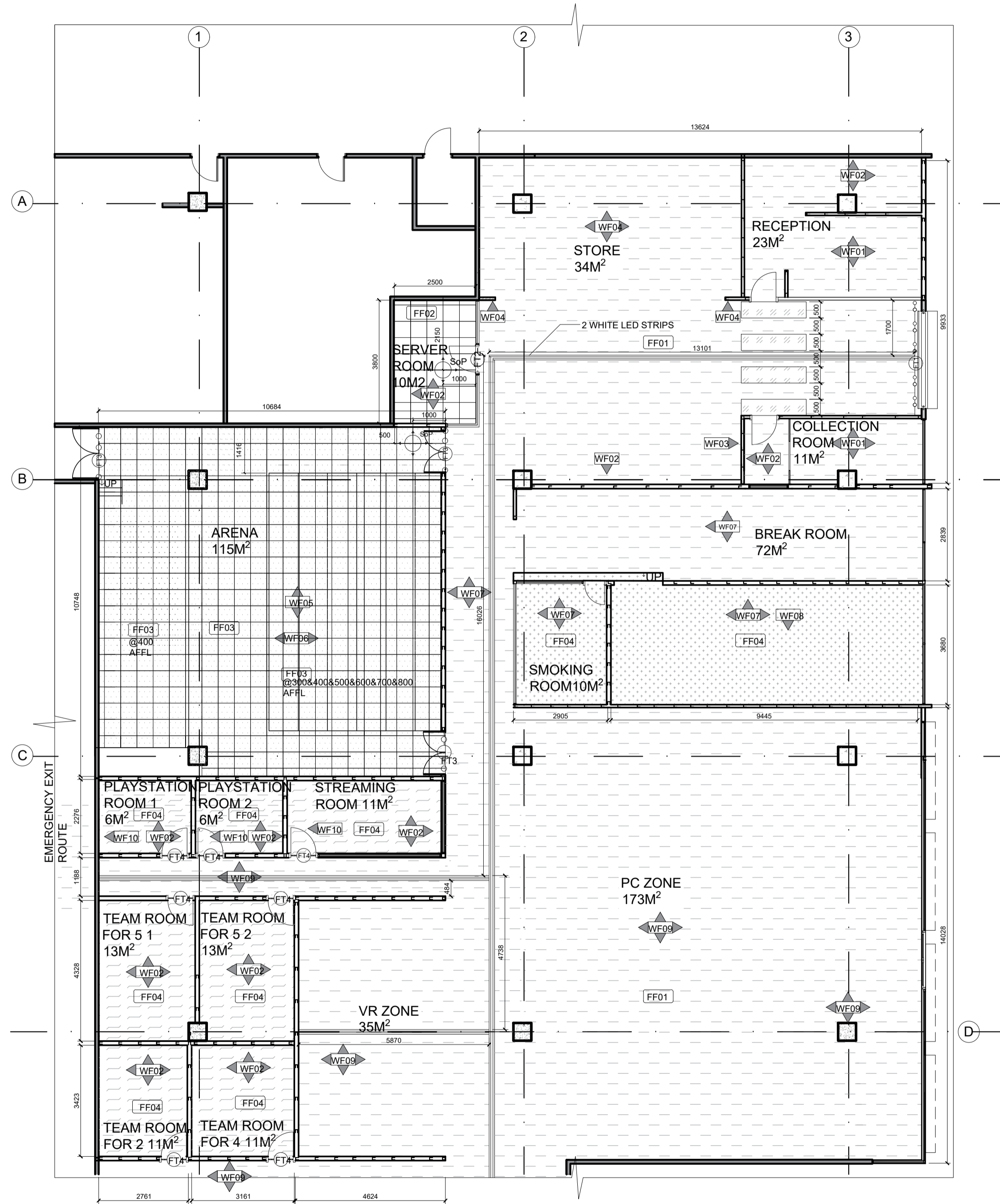
Drawing title: DETAILED DRAWINGS

Date submitted: 20.10.2024 | Page number: 8 | Total pages: 12

Scale: AS INDICATED | Drawing number: 800 | Revision: B

Assessed by: | Result:





FLOOR AND WALL FINISHES PLAN  
1:100

FLOOR FINISHES LEGEND

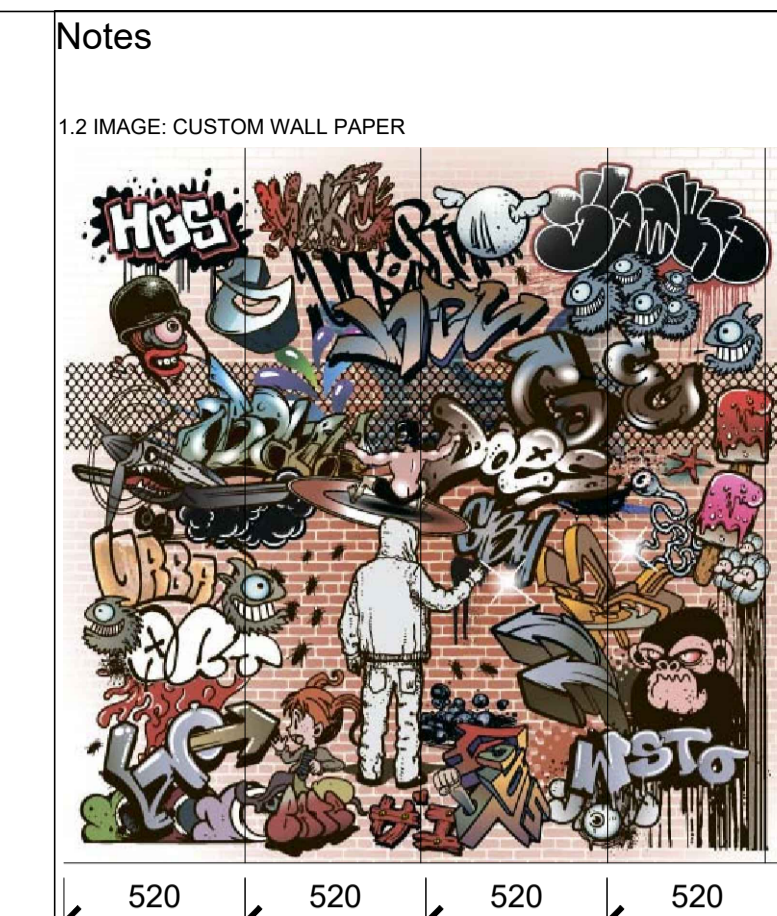
SYMBOL	DESCRIPTION
FF01	2 THICK DARK CONCRETE POLYFLOR EXPONA FLOW PUR HETEROGENEOUS LAMINATED INDUSTRIAL CONCRETE VINYL FLOORING
FF02	2X500X500 BLACK ELECTRICALLY CONDUCTIVE AND GLUE FREE RUBBER TILE FROM STATIXWORK
FF03	8.2x500x500 BLACK TUFTED SOLUTION DYED NYLON CARPETING WITH ACOUSTIC TILE BACKING (ECOFLEX™ ECHO) FROM MOHAWK GROUP
FF04	4 TAUPE QUARTZ CARPET WITH EPOXY FINISH FROM TOPCARPETSANDFLOORS
FF04	3X1200 BLACK NON SLIP RHOMBOID RUBBER MAT ROLL FROM TRUCORRUBBER
FF05	2 X 2000 WHITE POLYFLOR EXPONA FLOW PUR HETEROGENEOUS LAMINATED INDUSTRIAL CONCRETE VINYL FLOORING

TRANSITIONING STRIP LEGEND

SYMBOL	DESCRIPTION
FT1	12 x 4 MATT BLACK ALUMINUM MICRO TRANSITION STRIP FROM FLOOR MECHANICS
FT2	400X5 BLACK ALUMINUM FINISHING TRIM FROM FLOOR MECHANICS
FT3	56 x 14 MATT BLACK ALUMINUM CARPET VARI STRIP FROM FLOOR MECHANICS

WALL FINISHES LEGEND

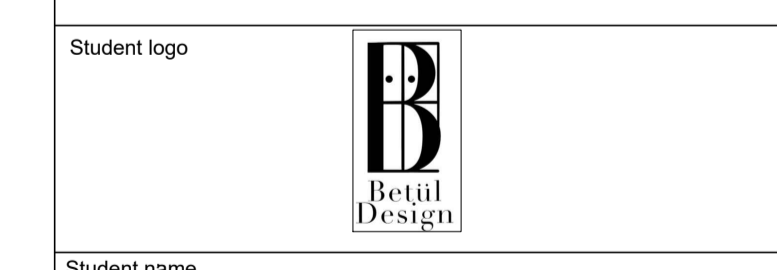
SYMBOL	DESCRIPTION
WF01	520 QUARTZ GRAY CONCRETE WALLPAPER WITH TEXTURE WASHABLE FROM YORK WALLCOVERINGS
WF02	DARK GRAY (DEEP LEAD) LUXURIOUS SILK TINTED LOW ODOUR PREMIUM INTERIOR MID SHEEN FINISH WITH SUPREME STAIN RESISTANCE WASHABLE FROM DULUX
WF03	520 CUSTOM DESIGN WALLPAPER WASHABLE FROM YORK WALL COVERINGS SEE IMAGE 1.2 FOR DESIGN IN THE NOTES
WF04	520 REALISTIC BRICK WALL IN RED AND MAROON BRICK WITH GROUTING IN CEMENT GRAY TEXTURED WALLPAPER FROM YORKWALLCOVERINGS
WF05	CUSTOM PRINTED ACOUSTIC PANELING GENESIS DESIGN ACOUSTICS
WF06	1200X1200 BLACK ANGLED ACOUSTIC WALL PANELING FROM GENESIS ACOUSTICS
WF07	520 DARK GRAY CONCRETE WALLPAPER WITH TEXTURE WASHABLE FROM YORK WALLCOVERINGS
WF08	686 x 3000 OBSIDIAN IBR (INVERTED BOX RIB) POLYCARBONATE SHEET
WF09	520 CUSTOM PRINTED DIRTY CONCRETE TEXTURED WALLPAPER WASHABLE FROM YORK WALLCOVERINGS
WF10	300X300 BLACK PYRAMID - ACOUSTIC FOAM PANEL FROM HUSH ECHO



520 520 520 520

Revision table

Revision	Description	Date
A	First draft	14.09.2024
B	Updated materiality, addition of transition strip	09.10.2024



Student name  
F. Betül Soncu, 220049869

Subject  
BACT6Y4

Project title  
HEADSHOT ARENA- THE ZONE  
SHOPPING MALL

Drawing title  
FLOOR AND WALL FINISHES PLAN 1

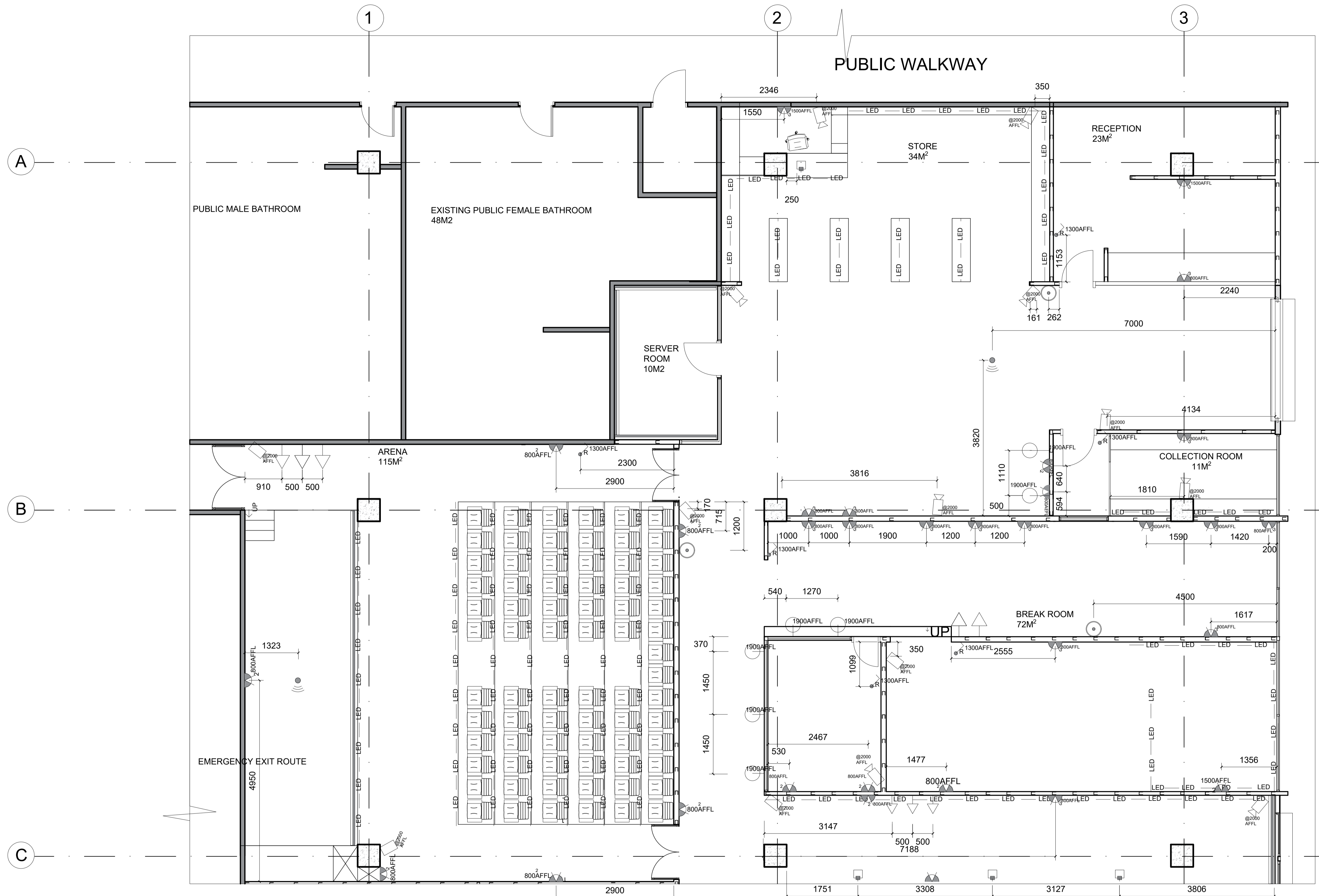
Date submitted	Page number	Total pages
09.10.2024	9	12

Scale	Drawing number	Revision
1:100	400	A

Assessed by  
Result

Notes

- GENERAL NOTES  
 1. ORIGINAL PLANS OBTAINED FROM THE ZONE SHOPPING MALL MANAGEMENT.  
 2. THIS PLAN IS THE ALTERATIONS PLAN DONE BY THE INTERIOR DESIGNER.  
 3. MAIN ACCESS DEMOLISHED AND MOVED AS PER PLAN.  
 4. ALL NEW BUILDING WORK TO COMPLY WITH NATIONAL BUILDING REGULATIONS STIPULATED IN SANS 10400.  
 5. ALL LEVELS AND DIMENSIONS TO BE CHECKED BEFORE WORK ON SITE COMMENCES.  
 6. SETTING OUT MUST BE CHECKED AND APPROVED BY THE DESIGNER BEFORE WORK ON SITE COMMENCES.  
 7. ALL GLASS TO BE LAMINATED SAFETY GLASS OF MINIMUM OF 6MM THICK.  
 8. ALL DIMENSIONS ARE SCALED AS PER DRAWING.  
 9. ANY DISCREPANCIES MUST BE REPORTED TO THE DESIGNER IMMEDIATELY.
- ELECTRICAL INSTALLATION  
 1. COMPLY WITH ALL REQUIREMENTS OF SABS 1042 - WIRING OF PREMISES.  
 2. ALL WORK MUST BE DONE UNDER THE SUPERVISION OF A REGISTERED ELECTRICIAN. GUARANTEE OF EFFICIENT AND SAFE WORKING OF THE ENTIRE INSTALLATION FOR 12 MONTHS AFTER COMPLETION.



ENLARGED ELECTRICAL LAYOUT PLAN 1  
 SHOWING FOYER, ARENA AND BREAK ROOM  
 1:50

ELECTRICAL LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	200X200 MATT BLACK ALUMINUM DOUBLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) FROM VOLTEX		CHARCOAL SATIN MATT FINISHED FLOOR SOCKET TRIPLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) AND DATA POINT FROM VOLTEX		ROUTER POINT
	200X200 MATT BLACK ALUMINUM TRIPLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) FROM VOLTEX		DISTRIBUTION BOARD		BLACK MATT FINISHED OVERFLOOR TRUNKING FINISHED FLOOR SOCKET TRIPLE PLUG POINT WITH NEW ZA PLUG FROM RUBICON PARTNER PORTAL
	DATA SOCKET		SABS 1910 APPROVED 4.5 KG FIRE EXTINGUISHER FROM THE MY SAFETY SHOP		SECURI-PROD CALL POINT RESETTABLE REDFIRE ALARM FROM REGAL SECURITY
	505X105 BLACK MATT FINISHED PVC MULTICHANNEL TRUNKING FROM RUBICON PARTNER PORTAL				

SWITCHES LEGEND	
	CHARCOAL MATT FINISHED SINGLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED DOUBLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED TRIPLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED RGB COLOUR CHANGING SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED DIMMER LIGHT SWITCH FROM THE LIGHTING WAREHOUSE

OTHERS LEGEND	
	LED +RGB STRIP LIGHTING COLOUR CHANGING REMOTE CONTROL
	IRON AND GLASS WALL MOUNTED OUTDOOR LIGHTING FROM ELEVENPAST
	NIGHT VISION WALL MOUNTED SECURITY CAMERA

Revision table		
		Date
A	FIRST DRAFT	22.08.2024
B	ADJUSTMENT OF THE NEW LAYOUT	08.10.2024



Student name  
**F. Betül Soncu, 220049869**

Subject  
**BACT6Y4**

Project title  
**HEADSHOT ARENA- THE ZONE SHOPPING MALL**

Drawing title  
**ENLARGED ELECTRICAL PLAN 1**

Date submitted  
**08.10.2024**

Page number  
**10**

Total pages  
**12**

Scale  
**1:50**

Drawing number  
**300**

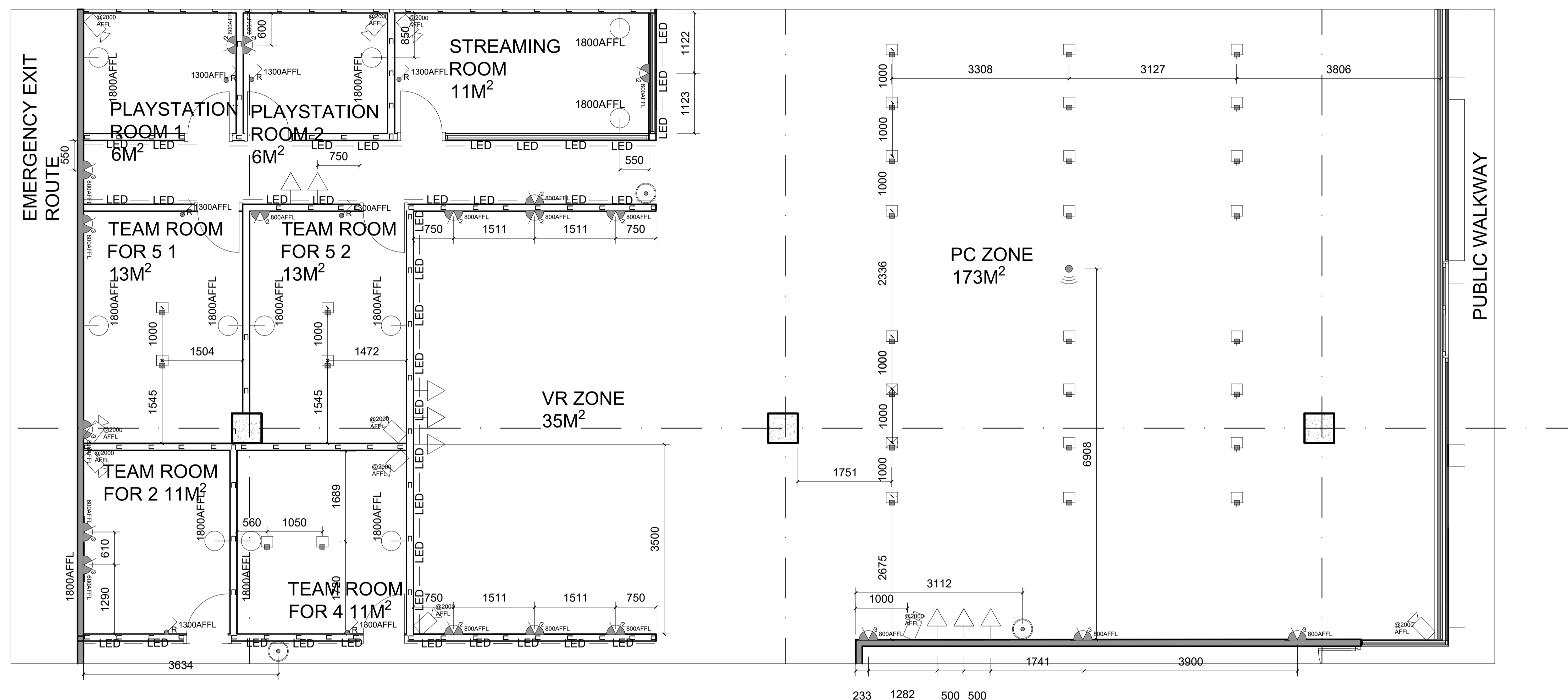
Revision  
**B**

Assessed by  
 Result

**Notes**

- GENERAL NOTES**  
 1. ORIGINAL PLANS OBTAINED FROM THE ZONE SHOPPING MALL MANAGEMENT.  
 2. THIS PLAN IS THE ALTERATIONS PLAN DONE BY THE INTERIOR DESIGNER.  
 3. MAIN ACCESS DEMOLISHED AND MOVED AS PER PLAN.  
 4. ALL NEW BUILDING WORK TO COMPLY WITH NATIONAL BUILDING REGULATIONS STIPULATED IN SANS 10400.  
 6. ALL LEVELS AND DIMENSIONS TO BE CHECKED BEFORE WORK ON SITE COMMENCES.  
 7. SETTING OUT MUST BE CHECKED AND APPROVED BY THE DESIGNER BEFORE WORK ON SITE COMMENCES.  
 8. ALL GLASS TO BE LAMINATED SAFETY GLASS OF MINIMUM OF 6MM THICK.  
 9. ALL DIMENSIONS ARE SCALED AS PER DRAWING.  
 10. ANY DISCREPANCIES MUST BE REPORTED TO THE DESIGNER IMMEDIATELY.

- ELECTRICAL INSTALLATION**  
 1. COMPLY WITH ALL REQUIREMENTS OF SABS 1042 - WIRING OF PREMISES.  
 2. ALL WORK MUST BE DONE UNDER THE SUPERVISION OF A REGISTERED ELECTRICIAN. GUARANTEE OF EFFICIENT AND SAFE WORKING OF THE ENTIRE INSTALLATION FOR 12 MONTHS AFTER COMPLETION.



ENLARGED ELECTRICAL LAYOUT PLAN 2 (SHOWING PC ZONE, PRIVATE ROOMS AND VR ZONE)

1:50

**Revision table**

Rev	Description	Date
A	FIRST DRAFT	22.08.2024
B	ADJUSTMENT OF THE NEW LAYOUT	08.10.2024

**Student logo**



Student name: **F. Betül Soncu, 220049869**

Subject: **BACT6Y4**

Project title: **HEADSHOT ARENA- THE ZONE SHOPPING MALL**

Drawing title: **ENLARGED ELECTRICAL PLAN 2**

Date submitted: **08.10.2024** Page number: **11** Total pages: **12**

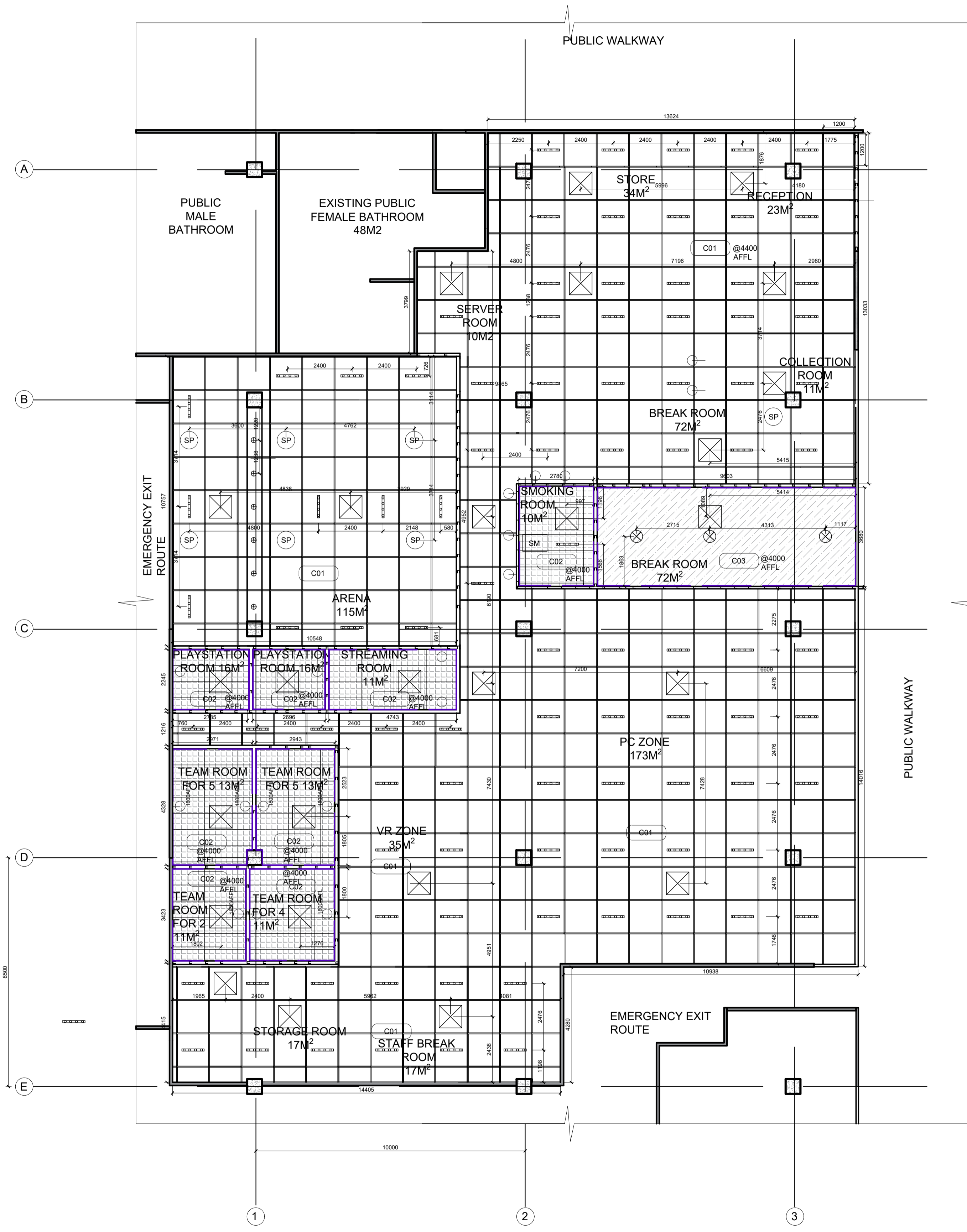
Scale: **1:50** Drawing number: **300** Revision: **B**

Assessed by: **Result**

ELECTRICAL LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	200X200 MATT BLACK ALUMINUM DOUBLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) FROM VOLTEX		CHARCOAL SATIN MATT FINISHED FLOOR SOCKET TRIPLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) FROM VOLTEX		ROUTER POINT
	200X200 MATT BLACK ALUMINUM TRIPLE PLUG POINT WITH NEW ZA PLUG ( ACCORDING TO SANS 164-2) FROM VOLTEX		DISTRIBUTION BOARD		BLACK MATT FINISHED OVERFLOOR TRUNKING FINISHED FLOOR SOCKET TRIPLE PLUG POINT WITH NEW ZA PLUG FROM RUBICON PARTNER PORTAL
	DATA SOCKET		SABS 1910 APPROVED 4.5 KG FIRE EXTINGUISHER FROM THE MY SAFETY SHOP		SECURI-PROD CALL POINT RESETTABLE REPAIR ALARM FROM REGAL SECURITY
	50SX105 BLACK MATT FINISHED PVC MULTICHANNEL TRUNKING FROM RUBICON PARTNER PORTAL		200AFLL		

SWITCHES LEGEND	
	CHARCOAL MATT FINISHED SINGLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED DOUBLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED TRIPLE LIGHT SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED RGB COLOUR CHANGING SWITCH FROM THE LIGHTING WAREHOUSE
	CHARCOAL MATT FINISHED DIMMER LIGHT SWITCH FROM THE LIGHTING WAREHOUSE

OTHERS LEGEND	
	LED +RGB STRIP LIGHTING COLOUR CHANGING REMOTE CONTROL
	IRON AND GLASS WALL MOUNTED OUTDOOR LIGHTING FROM ELEVENPAST
	NIGHT VISION WALL MOUNTED SECURITY CAMERA



CEILING LEGEND	
SYMBOL	DESCRIPTION
	24x38x1200 BLACK HOT-DIP GALVANIZED STEEL (1200X1200 GRID SIZE) WITH A PRE-PAINTED CAPPING CEILING GRID MOUNTED TO WAFFLE CEILING AT 4500 AFFL WITH METAL MESH PANELS FROM PELICAN WITH EXPOSED LIGHTING AND HVAC SYSTEMS.
	OWACOUSTIC COSMOS/4 PREMIUM BIOLOGICALLY ABSORBABLE MINERAL WOOL CEILING TILES, NRC-0.65, CAC-300B, FIRE CLASSIFICATION A2-S1, D0, WEIGHT 4.5KG/M2, SIZE 1200X600X15 WITH SQUARE EDGE AND BLACK PAINTED FINISH, LAID ON FIRE RATED OWACONSTRUCT S3 EXPOSED DEMOUNTABLE T24 SUSPENSION SYSTEM, COMPRISING GALVANIZED MAIN TEES SUSPENDED BY MEANS OF GALVANIZED HANGERS AT CENTERS NOT EXCEEDING 1200, AND ALL INSTALLED TO MANUFACTURER'S INSTRUCTIONS AT 4000 AFFL.
	OWACOUSTIC SINFONIA HUMANCARE BIOLOGICALLY ABSORBABLE MINERAL WOOL HYGENIC CEILING TILES, NRC-0.85, CAC-300B, FIRE CLASSIFICATION A2-S1, D0, WEIGHT -3.5KG/M2, SIZE 1200X600 SQUARE-EDGED AND TRAFFIC RED PAINTED FINISH, CONTAINING EFFECTIVE GERMICIDAL PROPERTIES, LAID ON FIRE RATED OWACONSTRUCT S3 EXPOSED DEMOUNTABLE T24 SUSPENSION SYSTEM, COMPRISING GALVANIZED MAIN TEES AND CROSS TEES WITH MAIN TEES SUSPENDED BY MEANS OF GALVANIZED HANGERS NA CENTERS NOT EXCEEDING 1200 AND ALL INSTALLED TO MANUFACTURER'S INSTRUCTIONS AT 4000 AFFL. OWA CONSTRUCT PERIMETER SHADOWLINE TRIM PLUGGED AT 200 CENTERS, AND ALL INSTALLED TO MANUFACTURER'S INSTRUCTIONS.

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	150X815X120 BLACK FINISHED STAINLESS STEEL 4 SPOT LIGHT INDUSTRIAL LIGHTING FIXTURE 220V FROM GLOLIGHTING. SUSPENDED ON THE CEILING AT 4000 AFFL. WITH RGB DIMMABLE LIGHT (WARM WHITE 2700K - COOL WHITE 6500K LIGHTING SPECTRUM ) +REMOTE CONTROLLED FROM INCREDIBLE CONNECTION
	310X270X220 BLACK ALUMINIUM RADIANT STAGE LIGHTING, 100-220V AC, 50/60HZ, 18 LED LIGHT SOURCE, AUTO AND SOUND ACTIVATED, FROM DARUPUN, MOUNTED ON A CEILING FEATURE AT 3900 AFFL.
	930 DL124 BLACK, DL124 RECESSED POLYCARBONATE WITH ANTI-GLARE RING STRAIGHT FROM GLOLIGHT WITH RGB REMOTE CONTROLLED LIGHT BULB
	IRON AND GLASS WALL MOUNTED OUTDOOR LIGHTING FROM ELEVENPAST

ELECTRICAL EQUIPMENT LEGEND	
SYMBOL	DESCRIPTION
	288X840X840 BLACK HIGH COP ROUND FLOW CASSETTE WITH UV STREAMER KIT, AUTO CLEANING, 360 DEGREE AIR DISCHARGE, 48DBA LED DIGITAL SCREEN CONTROL PANELING, CLOUD CONTROL SYSTEM, UP TO 140MP FROM DAIKIN, INSTALLED AT 4000 AFFL EXPOSED. 650X550 BLACK DUCT SYSTEM. REFER TO SKY AIR PRODUCT CATALOGUE FOR DETAILED DRAWINGS AND MORE INFORMATION
	BLACK ALUMINIUM MESH CEILING MOUNTED SPEAKER INPUT 70V/100V/8Ω WIDE FREQ RESP. 65-20,000HZ MAX SPL: 107.5DB HIGH SENSITIVITY: 91±2DB EQUIPPED WITH HANGING HOLES FOR MOUNTING CONVENIENT FROM A1 SOUND
	899X847X347 BLACK CEILING MOUNTED AIR PURIFIER SMOKE REMOVAL MACHINE HIGH - 850 CFM   LOW - 650 CFM SOUND LEVEL @ 5' HIGH - 68 DB   LOW - 64 DB, 120V FROM PURE N NATURAL SYSTEMS, INSTALL ACCORDING TO THE MANUFACTURE'S INSTRUCTIONS MOUNTED AT 3800AFFL

**Notes**

**GENERAL CEILING INFORMATION**  
 CEILING HEIGHT: ENSURE THAT THE CEILING HEIGHT COMPLIES WITH SANS 10400 PART T (FIRE PROTECTION) AND PART B (STRUCTURAL DESIGN), WHICH MANDATES A MINIMUM CEILING HEIGHT OF 2.4 METERS IN HABITABLE SPACES. (USE THE GIVEN MEASUREMENTS BY THE DESIGNER)  
 MATERIALS: ALL CEILING MATERIALS MUST COMPLY WITH SANS 10400 PART T FOR FIRE RESISTANCE. USE FIRE-RATED GYPSUM BOARD OR SIMILAR MATERIALS AS REQUIRED BY SANS 428 FOR BUILDINGS THAT REQUIRE FIRE-RATED CEILINGS.  
 FINISH: THE CEILING FINISH MUST BE SMOOTH, FREE FROM VISIBLE IMPERFECTIONS, AND MEET AESTHETIC REQUIREMENTS. FINISHES SHOULD BE IN COMPLIANCE WITH SANS 10155, ENSURING DURABILITY AND CLEANLINESS.  
 LIGHTING POSITIONING: LIGHTS MUST BE EVENLY SPACED TO AVOID DARK SPOTS AND SHADOWS. FOLLOW SANS 10114-1 FOR ADEQUATE LIGHTING LEVELS IN SPECIFIC AREAS.  
 EMERGENCY LIGHTING: AS PER SANS 1464-22, INSTALL EMERGENCY LIGHTS IN COMPLIANCE WITH FIRE SAFETY REGULATIONS, ESPECIALLY FOR PUBLIC AREAS, CORRIDORS, AND EGRESS ROUTES. (EMERGENCY LIGHTING DOES NOT SHOW ON THE CEILING PLAN IT IS MOUNTED ON THE WALLS)  
 MOUNTING: ENSURE ALL LIGHTING FIXTURES ARE SECURELY MOUNTED AND COMPLY WITH SANS 10142-1 FOR ELECTRICAL INSTALLATIONS.  
 ENERGY EFFICIENCY: USE ENERGY-EFFICIENT LIGHTING, LIKE LED SYSTEMS, TO COMPLY WITH SANS 204 FOR ENERGY USAGE IN BUILDINGS, ENSURING MAXIMUM EFFICIENCY.  
 HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) DUCT PLACEMENT: ENSURE HVAC DUCTWORK IS CONCEALED WITHIN THE CEILING VOID WHEN INDICATED AND EXPOSED IN OTHER AREAS AND DOES NOT OBSTRUCT LIGHTING OR SPEAKER SYSTEMS.  
 AIRFLOW: HVAC DIFFUSERS MUST BE POSITIONED TO PROVIDE UNIFORM AIRFLOW WITHOUT CAUSING DRAFTS, COMPLYING WITH SANS 10400-O FOR PROPER VENTILATION.  
 ACCESSIBILITY: ALLOW FOR SUFFICIENT ACCESS TO THE HVAC SYSTEM FOR MAINTENANCE AS PER SANS 10147 AND SANS 1859.  
 AIR QUALITY: ENSURE HVAC SYSTEMS MEET THE INDOOR AIR QUALITY STANDARDS IN SANS 1162, PARTICULARLY FOR PUBLIC SPACES.  
 SPEAKERS (SOUND SYSTEM)  
 SPEAKER PLACEMENT: SPEAKERS MUST BE PLACED FOR OPTIMAL SOUND COVERAGE. USE CEILING-MOUNTED SPEAKERS POSITIONED AT REGULAR INTERVALS FOR EVEN SOUND DISTRIBUTION.  
 CABLE MANAGEMENT: ALL WIRING MUST BE CONCEALED WITHIN THE CEILING VOID OR IN EXPOSED CEILING AREAS IT MUST BE LOCATED IN BLACK ELECTRIC CONDUITS, MEETING SANS 10142-1 FOR ELECTRICAL INSTALLATIONS.  
 ACOUSTICS: ENSURE THE CEILING MATERIAL AND LAYOUT ENHANCE ACOUSTICS BY CONSIDERING SOUND ABSORPTION PROPERTIES AS PER SANS 10103 (ACOUSTICS IN BUILDINGS).  
 FIRE SAFETY CONSIDERATIONS  
 SMOKE DETECTORS: INSTALL SMOKE DETECTORS IN COMPLIANCE WITH SANS 10139 FOR FIRE DETECTION AND ALARM SYSTEMS.  
 FIRE SPRINKLERS: FIRE SPRINKLERS ARE NOT PRESENT IN THE VENUE DO TO THE VENUE BEING HIGH TECH EQUIPPED NECESSARY WATERLESS FIRE EXTINGUISHERS ARE LOCATED THROUGHOUT THE VENUE.  
 ACCESS PANELS: PROVIDE FIRE-RATED ACCESS PANELS TO COMPLY WITH MAINTENANCE REQUIREMENTS AND FIRE SAFETY REGULATIONS.  
 OTHER SERVICES  
 CABLE TRAYS & CONDUITS: ELECTRICAL CONDUITS AND CABLE TRAYS MUST BE NEATLY INSTALLED ABOVE THE CEILING. COMPLY WITH SANS 10142-1 FOR ELECTRICAL WIRING SAFETY.  
 INSULATION: USE INSULATION MATERIALS THAT COMPLY WITH SANS 10400 PART T FOR FIRE RESISTANCE AND SANS 204 FOR THERMAL EFFICIENCY, ENSURING THAT INSULATION DOES NOT BLOCK ACCESS TO OTHER CEILING ELEMENTS.

Revision table	
Rev	Date
A	First draft 14.09.2024
B	Adjustment to the new layout 09.10.2024
B	Change in scale, addition of new products 20.10.2024

Student logo

Student name  
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Subject  
BACT6Y4

Project title  
HEADSHOT ARENA- THE ZONE SHOPPING MALL

Drawing title  
REFLECTED CEILING PLAN

Date submitted 14.08.2024	Page number 12	Total pages 12
Scale 1:100	Drawing number 500	Revision C

Assessed by  
Result

REFLECTED CEILING PLAN  
1:100