



PC-1

Experience Development at Captive Facilities in Punjab

ORIGINAL APPROVED COST	PKR Million. 599.361/-
1st REVISED APPROVED COST	PKR Million. 599.361/-
2nd REVISED PROPOSED COST	PKR Million. 782.371/-
ORIGINAL APPROVED GESTATION	12 Months Till June 2025
1st REVISED APPROVED GESTATION	24 Months Till June 2026
2nd REVISED PROPOSED GESTATION	24 Months Till June 2026
APPROVAL FORUM	DDSC (DDSC)

Proforma for Upward Revision of Development Projects

Part-I

Project Brief

1	Name of Scheme alongwith GS. No:	2597 - Experience Development at Captive Facilities in Punjab
2	ADP Allocation:	213.833
3	Location: (District):	Lahore,
4	Sponsoring Agency:	Forestry,WildLife,Fisheries,
5	Executing Agency:	Wildlife,

Part-II

Approval / Revision History

6. Approval Status:

(Rs Million)

Approval Status	Cost	Date	Approval Forum	Remarks / Reason of Revision
Original	599.361	15/11/2024	DDSC	ADP Scheme No.3271 titled “Experience Development at Captive Facilities in Punjab” was approved by DDSC on 15.11.2024 in its 3rd meeting at a total cost of Rs. 599.361 million with its gestation period of 1 year; 1st July 2024 to 30th June 2025.

1 Revised	599.361	27/05/2025	DDSC	The PC-I scheme titled “Experience Development at Captive Facilities in Punjab” was earlier revised without any increase in cost but with an extension in the gestation period up to 30.06.2026. This revision was necessitated due to interlinked procurement processes requiring extended timelines, particularly the import and installation of 3D and SMD screens, as well as execution of certain service-related components including development of a QR-based mobile application, branding, publicity, and media promotion, which were to be carried forward into the next financial year. Additionally, technical reassessment revealed that the originally approved 20 KVA generators were insufficient to meet the power requirements of the 3D screens. Based on recommendations from Engineering Consultancy Services Punjab (Pvt.) Ltd., the generator capacity was revised to 70 KVA, resulting in an increased estimated cost that was accommodated through internal budget re-adjustment. Furthermore, load assessment for the Dancing Fountain at Safari Zoo necessitated the installation of a separate 630 KVA transformer, which was incorporated as a distinct electrification component. Accordingly, the 1st revised PC-I was approved with unchanged cost but extended gestation period during the DDSC meeting held on 27.05.2025. The 2nd revision of the approved PC-I scheme is being proposed due to an
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				increase in project scope arising from the exceptional public response to visitor-oriented attractions at Safari Zoo, Lahore. The Wildlife Float Shows have become a major attraction, requiring an additional allocation of Rs. 12.500 million to sustain their expanded operations. Moreover, Rs. 35.903 million is proposed for procurement and installation of essential mechanical and allied components of the Dancing Fountain to ensure its safe and smooth functioning. In addition, development of a Giraffe Café and an African Village is proposed to enhance visitor experience, as giraffes and various African ungulate species—procured under separate projects—are now available at Safari Zoo. This revision increases the project cost due to scope enhancement, while the gestation period remains unchanged.
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7. Year wise financial progress:

(Rs Million)

Financial Years	GS No	Original Allocation	Revised Allocation	P&D Release	Controlling Release	Utilization	% Expenditure
2025-26	2597	213.833	171.699	171.699	180.613	36.831	21.45 %
2024-25	3271	600.000	600.000	597.361	596.361	505.854	84.31 %

Part-III

Current Proposal

8. Proposed Revised Cost: 782.371 Million(s)

9.	Whether revision is required due to	Yes / No	Cost Impact
1	Revision of MRS rates	No	
2	Increase in scope of the scheme	Yes	183.01m
3	Both revision in MRS rates and increase in scope of the scheme	No	

10. Scope

Approved Scope	Proposed Revised Scope	Increase in Scope	Justification
599.361m	782.371m	183.01m	The 2nd revision of the approved PC-I scheme is being proposed due to an increase in project scope arising from the exceptional public response to visitor-oriented attractions at Safari Zoo, Lahore. The Wildlife Float Shows have become a major attraction, requiring an additional allocation of Rs. 12.500 million to sustain their expanded operations. Moreover, Rs. 35.903 million is proposed for procurement and installation of essential mechanical and allied components of the Dancing Fountain to ensure its safe and smooth functioning. In addition, development of a Giraffe Café and an African Village is proposed to enhance visitor experience, as giraffes and various African ungulate species—procured under separate projects—are now available at Safari Zoo. This revision increases the project cost due to scope enhancement, while the gestation period remains unchanged.

10.1 Quantitative / Physical Term

APPROVED PC-I SCHEME			REVISED PC-I SCHEME		
Sr. No.	Description	Cost	Description	Cost	Diff:

1.	Conservancy & Works	-	Conservancy & Works	-	-
2.	Machinery, Stores & Equipment	351.550	Machinery, Stores & Equipment	351.350	(-) 0.200
3.	Cost of Establishment	-	Cost of Establishment	-	-
4.	Commodities & Services	247.811	Commodities & Services	431.021	(+) 183.210
TOTAL :		599.361	TOTAL :	782.371	(+) 183.010

WILDLIFE

MAP OF THE PUNJAB

JAMMU
&
KASHMIR



LEGEND



WILDLIFE IS NATURAL COMPONENT OF ECOSYSTEM
"PRESERVE WILDLIFE"

PUNJAB WILDLIFE & PARKS DEPARTMENT
PUBLICITY CELL

11. Future funding plan alongwith source of funding:

(Rs Million)

Year	Allocation
2025-2026	276.517

12. Period of implementation:

i) Approved: 12 Months

ii) Revised: 12 Months

13. Operation & Maintenance:

Wildlife,

14. Annual Income from the project after completion:

Upon project completion, upgraded attractions at Safari Zoo and digital interventions at both Safari Zoo and Lahore Zoo are expected to enhance visitor experience, increase footfall, and generate higher revenue through tickets and allied services, thereby improving the department's annual income and financial sustainability.

15. Recommendations:

In view of the increased scope and public demand, it is requested that approval of the proposed 2nd revision may kindly be granted in order to ensure uninterrupted operation of key facilities and timely project completion by 30.06.2026.

Signature of the Administrative Secretary

1. NAME OF THE PROJECT

Experience Development at Captive Facilities in Punjab

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. LAHORE

2.2. TEHSIL(S)

I. BAHAWALPUR CITY, LAHORE CITY, RAIWIND

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- FORESTRY, WILDLIFE, FISHERIES

3.2. EXECUTION AGENCY

- WILDLIFE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- WILDLIFE

3.4. CONCERNED FEDERAL MINISTRY

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	GS No: 2597
3	Total Allocation: 213.833

Comments:

5. PROJECT OBJECTIVES

The Experience Development at Captive Facilities project aims to enhance visitor engagement and education at wildlife captive facilities in Punjab. This project focuses on creating immersive, interactive, and educational experiences that foster a deeper understanding and appreciation of wildlife conservation among visitors.

The Punjab Wildlife & Parks Department has implemented various schemes for the development of wildlife in the province of Punjab. Numerous projects are under implementation, which envisage protection and conservation of wildlife in nature, propagation of wildlife in captivity, population census of different species, training of staff in wildlife management, research in different aspects of wildlife ecology and biology. The interventions of this project are:

To Enhance Visitor Engagement, it is proposed to develop interactive exhibits and activities that engage visitors and encourage them to learn more about wildlife. In view of Educational Programs, it is of imperative importance to Implement or conduct workshops, and educational programs that provide in-depth knowledge about the animals, their habitats, and conservation efforts.

In the modern era of Innovative Technology, offer unique and immersive perspectives on wildlife. To encounter Animal there is must to Organize safe and supervised animal encounters to allow visitors to interact closely with the animals. Furthermore, designing of themed sections within the facilities that replicate different natural habitats, enhancing the educational value and aesthetic appeal.

To enhance Conservation Awareness, integrate strong conservation messaging throughout the facilities to

educate visitors on the importance of wildlife preservation and the actions they can take to support it.

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT:

The Punjab Wildlife & Parks Department ensures survival of wildlife species in the Punjab through enforcement of Punjab Wildlife (Protection, Preservation, Conservation & Management) Act, 1974. The captive facilities in Punjab are lack in some innovative and modern international best practices to enhance public awareness on Wildlife Conservation, Protection and its management.

The Experience Development at Captive Facilities project aims to enhance visitor engagement and education at wildlife captive facilities in Punjab. This project focuses on creating immersive, interactive, and educational experiences that foster a deeper understanding and appreciation of wildlife conservation among visitors. Here are some key factors for the justification of the Project:

The project will provide comprehensive educational opportunities about wildlife, their habitats, and conservation efforts, fostering a more informed and conscious public. By integrating strong conservation messages throughout the facilities, the project aims to raise awareness about the importance of preserving wildlife and natural habitats. The use of interactive exhibits, VR, and AR will create memorable and engaging experiences, leading to higher visitor satisfaction and retention rates.

Improved amenities will enhance the overall visitor experience, encouraging longer visits and repeat attendance. Enhanced facilities and experiences will attract more tourists, contributing to the local economy. The project will create direct and indirect jobs. The project will involve the local community through volunteer opportunities, educational programs, and employment, fostering a sense of ownership and pride in local wildlife conservation efforts.

By reflecting local biop diversity and cultural heritage in themed areas, the project will strengthen community ties and cultural awareness. The use of cutting-edge technology such as VR and AR will set a precedent for innovative educational methods in wildlife conservation. Technological enhancements can make learning about wildlife more accessible to people of all ages and abilities.

The project will implement sustainable practices in the development and operation of the facilities, reducing environmental impact. By focusing on the welfare and conservation of captive wildlife, the project will contribute to the overall well-being of animals in human care. Providing access to high-quality educational experiences for diverse audiences, including underprivileged communities.

Empowering visitors to take action in their own lives to support conservation efforts and make environmentally responsible choices. By addressing these critical areas, the Experience Development at Wildlife Captive Facilities project will not only enhance visitor experiences but also contribute significantly to education, conservation, economic growth, and community engagement in Punjab.

6.2 SECTORAL SPECIFIC INFORMATION:

Project experience development at captive wildlife facilities encompasses a multifaceted approach focused on conservation, education, research, and animal welfare. These facilities participate in conservation breeding programs for endangered species, design exhibits that prioritize animal welfare and mimic natural habitats, and engage in educational outreach through interpretive displays and programs. They also contribute to scientific research by studying animal behavior, health, and reproduction, while implementing sustainable practices such as energy conservation and waste management.

7. CAPITAL COST ESTIMATES:

Financial Components: Revenue

Cost Center:LZ5049- (LZ5049)

Fund Center (Controlling):LE4217

Grant Number:Development Revenue - (PC22036)

LO NO:LO24000018

A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2024-2025		2025-2026	
		Local	Foreign	Local	Foreign
1	A02203-Consultant based Research and Surveys	12.835	0.000	0.000	0.000
2	A03303-Electricity	0.000	0.000	11.000	0.000
3	A03919-Payments To Others For Service Rendere	37.500	0.000	58.500	0.000
4	A03970-Others	3.066	0.000	0.500	0.000
5	A09501-Purchase of Transport	6.767	0.000	0.233	0.000
6	A09601-Purchase of Plant and Machinery	341.350	0.000	3.000	0.000
7	A13304-Structures	104.336	0.000	203.284	0.000
Total		505.854	0.000	276.517	0.000

8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Revenue

Cost Center:LZ5049- (LZ5049)

Fund Center (Controlling):LE4217

Grant Number:Development Revenue - (PC22036)

LO NO:LO24000018

A/C To be Credited:Account-I

PKR Million

Sr #	Object Code
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Total

9. Demand and Supply Analysis:

Not Applicable

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION:

The Project will be financed through ADP of Government of Punjab

10.2 FINANCIAL PLAN DEBT INFORMATION:

Not Applicable

10.3 FINANCIAL PLAN GRANT INFORMATION:

Not Applicable

10.4 WEIGHT COST OF CAPITAL INFORMATION:

Not Applicable

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION:

God has bestowed Pakistan a variety of habitats from high mountains to hot deserts, plains to sea. Pakistan shares Both Palearctic and oriental region fauna and some migratory bird species from Ethiopian region. Following direct benefits of this project are:

1. Educational Benefits:

-**Enhanced Learning:** Visitors, especially students, will gain a deeper understanding of wildlife, ecosystems, and conservation efforts through interactive exhibits and educational programs.

-**Increased Awareness:** The project will raise public awareness about the importance of biopiversity and conservation, fostering a more environmentally conscious society.

2. Conservation Impact:

-**Promoting Conservation:** By educating visitors about the threats to wildlife and the importance of conservation, the project will encourage support for conservation initiatives.

-**Conservation Funding:** Increased visitor numbers and engagement can lead to higher revenue, a portion of which can be allocated to conservation efforts and wildlife protection.

3. Enhanced Visitor Experience:

-**Interactive and Immersive Experiences:** The use of VR, AR, and interactive exhibits will create engaging and memorable experiences, leading to higher visitor satisfaction.

4. Economic Benefits:

-**Tourism Growth:** The project will attract more visitors, both local and international, boosting tourism and benefiting the local economy.

-**Job Creation:** The development and operation of the facilities will create direct and Indirect jobs.

5. Community Engagement:

-**Local Involvement:** The project will provide opportunities for community involvement through volunteer programs, educational workshops, and employment, fostering a sense of ownership and pride in local wildlife conservation efforts.

-**Cultural Connection:** Themed areas reflecting local biopiversity and cultural heritage will strengthen community ties and cultural awareness.

6. Technological Advancements:

- Innovative Education:** The use of cutting-edge technology like VR and AR in educational exhibits will set a new standard for innovative learning experiences in wildlife conservation.
- Accessibility:** Technological enhancements will make learning about wildlife more accessible to a diverse audience, including those with disabilities.

7. Environmental Responsibility:

- Sustainable Practices:** The project will implement eco-friendly practices in construction and operations, reducing environmental impact and promoting sustainability.
- Wildlife Welfare:** Focus on the welfare of captive wildlife will ensure high standards of care and contribute to the overall well-being of the animals.

8. Social Responsibility:

- Educational Equity:** Providing access to high-quality educational experiences for diverse audiences, including underprivileged communities, promoting inclusivity and equity.
- Inspiring Action:** Empowering visitors to take action in their own lives to support conservation efforts and make environmentally responsible choices.

By delivering these benefits, the Experience Development at Wildlife Captive Facilities project will not only enhance the visitor experience but also make significant contributions to education, conservation, economic growth, community engagement, technological advancement, and social and environmental responsibility in Punjab.

11.2 ENVIRONMENTAL IMPACT ANALYSIS:

- Sustainable Practices:** The project will implement eco-friendly practices in construction and operations, reducing environmental impact and promoting sustainability.
- Wildlife Welfare:** Focus on the welfare of captive wildlife will ensure high standards of care and contribute to the overall well-being of the animals.

11.3 ECONOMIC ANALYSIS:

- Attracts both local and international tourists, increasing revenue from ticket sales and special events.
- Promotes sustainable practices that can reduce operational costs over time, such as energy conservation, waste management, and water usage efficiency.
- Positions the center as a leader in sustainability, potentially attracting additional funding and support from environmental organizations.
- By leveraging these financial benefits, it can achieve long-term financial sustainability while contributing significantly to the local and regional economy.

11.4 FINANCIAL ANALYSIS:

The primary focus of the project reveals a comprehensive allocation of resources towards enhancing visitor experiences and facility upgrades. The budget allocation includes provisions for infrastructure development, such as habitat improvement and visitor amenities, aimed at elevating the quality of wildlife exhibits and visitor engagement. Operational costs encompass staffing, maintenance, and promotional activities to sustain long-term visitor interest and ensure animal welfare standards. Revenue projections are based on increased visitor footfall due to enhanced attractions and improved visitor experience, potentially leading to a positive economic impact through increased ticket sales, concessions, and merchandise. Financial sustainability is a key consideration, with revenue-generation strategies aligned to support ongoing operational expenses and future development initiatives.

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART:

The project will be implemented W.E.F date of project approval to 30.06.2026.

12.2 RESULT BASED MONITORING (RBM) INDICATORS:

As enclosed in relevant Annexure

12.3 IMPLEMENTATION PLAN:

As enclosed in relevant Annexure

12.4 M&E PLAN:

The regular monitoring of the project during the implementation phase will be conducted by the PM&E wing of the wildlife department and DG M&E, while the evaluation of the project will be done by the Directorate General Monitoring & Evaluation, Planning & Development Department.

12.5 RISK MITIGATION PLAN:

As enclosed in relevant Annexure

12.6 PROCUREMENT PLAN:

As enclosed in relevant Annexure

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

Director General, Wildlife & Parks, Punjab being Head of Department will be the overall incharge of the project during its implementation. The Project Director PMU, Wildlife & Parks Department shall be the Project Incharge and responsible for its implementation. The Planning & Development Board will undertake the final evaluation after its completion.

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

15. CERTIFICATE

Focal Person Name:Junaid Nadeem

Email:

Fax No:

Address:Director General Wildlife Office, 2-Sanda Road, Lahore

Designation:Deputy Director Wildlife Headquarters

Tel. No.:03205552888

15. Certified that the project proposal has been prepared on the basis of instructions provided by the Planning Commission for the preparation of PC-I for production sector projects.

PREPARED BY:


(MUHAMMAD ZAURAIZ HAIDER NAQVI)
SENIOR MANAGER PROJECTS
PROJECT MANAGEMENT UNIT
WILDLIFE & PARKS, PUNJAB

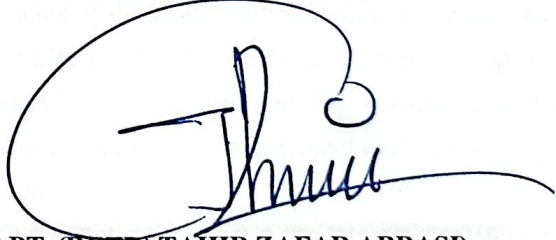
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(SABA ADIL)
PROJECT DIRECTOR
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REVIEWED BY:


(CAPT. (RETD) MUHAMMAD WASEEM)
DIRECTOR GENERAL
WILDLIFE & PARKS, PUNJAB
2-SANDA ROAD, LAHORE

SUBMITTED BY:


(CAPT. (RETD) TAHIR ZAFAR ABBASI)
SECRETARY GOVERNMENT OF THE
PUNJAB FOREST & WILDLIFE
DEPARTMENT, LAHORE

16. REVISION HISTORY

16.1 ORIGINAL

ADP Scheme No.3271 titled “Experience Development at Captive Facilities in Punjab” was approved by DDSC on 15.11.2024 in its 3rd meeting at a total cost of Rs. 599.361 million with its gestation period of 1 year; 1st July 2024 to 30th June 2025.

16.2 REVISION 1

The PC-I scheme titled “Experience Development at Captive Facilities in Punjab” was earlier revised without any increase in cost but with an extension in the gestation period up to 30.06.2026. This revision was necessitated due to interlinked procurement processes requiring extended timelines, particularly the import and installation of 3D and SMD screens, as well as execution of certain service-related components including development of a QR-based mobile application, branding, publicity, and media promotion, which were to be carried forward into the next financial year. Additionally, technical reassessment revealed that the originally approved 20 KVA generators were insufficient to meet the power requirements of the 3D screens. Based on recommendations from Engineering Consultancy Services Punjab (Pvt.) Ltd., the generator capacity was revised to 70 KVA, resulting in an increased estimated cost that was accommodated through internal budget re-adjustment. Furthermore, load assessment for the Dancing Fountain at Safari Zoo necessitated the installation of a separate 630 KVA transformer, which was incorporated as a distinct electrification component. Accordingly, the 1st revised PC-I was approved with unchanged cost but extended gestation period during the DDSC meeting held on 27.05.2025.

The 2nd revision of the approved PC-I scheme is being proposed due to an increase in project scope arising from the exceptional public response to visitor-oriented attractions at Safari Zoo, Lahore. The Wildlife Float Shows have become a major attraction, requiring an additional allocation of Rs. 12.500 million to sustain their expanded operations. Moreover, Rs. 35.903 million is proposed for procurement and installation of essential mechanical and allied components of the Dancing Fountain to ensure its safe and smooth functioning. In addition, development of a Giraffe Café and an African Village is proposed to enhance visitor experience, as giraffes and various African ungulate species—procured under separate projects—are now available at Safari Zoo. This revision increases the project cost due to scope enhancement, while the gestation period remains unchanged.

18. RELATION WITH OTHER PROJECTS

20. FOCUS ON MARGINALISATION

SR.NO.	CRITERIA	YES/NO	ACTION	COMMENTS
Description & Objectives				
1	Do the description / Objectives of the PC-I specify link / alignment with provincial strategies and sectoral policies?	NO		
Use of Gender Disaggregated Data				

1	Was gender disaggregated data used to determine rationale / need of the project for select beneficiaries?	NO		
Social Impact				
1	Do project objectives/justification include focus on marginalised groups (women, PWDs, minorities, transgender, poor etc.)?	NO		
1a	Have marginalised groups (Women, PWDs, Minorities, Transgender Persons, Poor etc.) been included in project objectives / justification and / or as beneficiaries of the project?	NO		
2	Does the PC-1 include specific provisions for capacity building / training of marginalised group (if applicable)?	NO		
Results Based Monitoring				
1a	Does the PC-I include a Results Based Monitoring Framework (RBMF)/Logical Framework?	NO		
2	Were SDG indicators used for determining targets included in the PC-I?	NO		
Inclusion/Participation				
1	Did the Stakeholder consultation(s) held during ADP Formulation and / or PC-I development include experts and representatives of marginalised groups and CSOs?	NO		
Monitoring & Evaluation				
1	Does the project provide a role to communities in project monitoring and/or implementation (if relevant)?	NO		
2a	Does the project include formation of a Steering Committee and/or Project Implementation Committees?	NO		

2b	Is there a provision to ensure representation of women in these committees?	NO		
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APPENDIX-I

AREA STATEMENT

The project would be implemented in the Safari Zoo & Lahore Zoo, Lahore and Bahawalpur Zoo, Bahawalpur.

APPENDIX- II

CONSERVANCY & WORKS

- NIL -

APPENDIX- III

UNIT COST

Unit cost is given in all relevant appendices.

APPENDIX- IV**MACHINERY, STORES, TOOLS AND EQUIPMENT'S**

(Rs. in million)

Sr. No.	Items	Qty	Rate/Unit	2024-25	2025-26	Total
1.	Procurement of 3D Screens	02	147.000	294.000	-	294.000
2.	Procurement of Digital Display Screen of Different Sizes (Lahore, Safari & BWP Zoo)	15	1.970	29.550	-	29.550
3.	Generators 70 KVA (Auto)	02	5.000	7.000	3.000	10.000
4.	High Quality Sound System for Safari Zoo	01	10.800	10.800	-	10.800
Total				341.350	3.000	344.350

TRANSPORT

(Rs. in million)

Sr. No.	Items	Qty	Rate/Unit	2024-25	2025-26	Total
1.	Electric Surveillance Scooties	07	1.00	6.767	0.233	7.000
Total				6.767	0.233	7.000

APPENDIX- V
COST OF ESTABLISHMENT

NIL

APPENDIX – VI**COMMODITIES & SERVICES****(Rs. in million)**

Sr. No.	Item	Qty	Rate / Unit	2024-25	2025-26	Total
1.	Sculptures & Photo Points	L.S.	L.S.	43.660	-	43.660
2.	Dancing Fountain for Safari Zoo	01	L.S.	60.676	42.792	103.468
3.	Consultancy for Wildlife Floats	L.S.	L.S.	6.900	-	6.900
4.	Development of QR Based Mobile App	01	L.S.	-	21.000	21.000
5.	Hiring of Services for Content Development, Animals Shows, Wildlife Floats etc.)	L.S.	L.S.	37.500	37.500	75.000
6.	Electrification cost of Dancing Fountain for Safari Zoo	L.S.	L.S.	-	11.000	11.000
7.	Giraffe Cafeteria at Safari Zoo	L.S.	L.S.	-	120.354	120.354
8.	African Village at Safari Zoo	L.S.	L.S.	-	30.138	30.138
9.	Giraffe Track at Safari Zoo	L.S.	L.S.	-	10.000	10.000
Sub-Total:				148.736	272.784	421.520
10.	Others Contingencies	<2%	L.S.	3.066	0.500	3.566
11.	Technical Consultancy	<1% of Total Cost	L.S.	5.935	-	5.935
Total:				157.737	273.284	431.021

Note: A consultant firm may be hired as per PPRA Rules being a time bound project.

APPENDIX- VII**SUMMARY OF COST****(Rs. in million)**

Sr. No.	Particulars	2024-25	2025-26	Total
1.	Conservancy & Works	-	-	-
2.	Machinery, Store, Tools & Equipment's	341.350	3.000	344.350
3.	Transport	6.767	0.233	7.000
4.	Cost of Establishment	-	-	-
5.	Commodities & Services	157.737	273.284	431.021
Total		505.854	276.517	782.371

APPENDIX- VIII

ANNUAL RECURRING COST AFTER COMPLETION OF SCHEME

- NIL -

COMPARATIVE STATEMENT

CONSERVANCY & WORKS

(Rs. in million)

1 ST REVISED APPROVED PC-I SCHEME					2 ND REVISED PROPOSED PC-I SCHEME				
Sr. No.	Item of Work	Qty	Rate	Cost	Item of Work	Qty	Rate	Cost	Diff:
-					-				

MACHINERY, STORES AND EQUIPMENTS

(Rs. in million)

APPROVED PC-I SCHEME					REVISED PC-I SCHEME					
Sr. No.	Item of Work	Qty. / No.	Unit Rate	Cost	Item of Work	Qty. / No.	Unit Rate	Cost	Diff:	
1.	Procurement of 3D Screens with Poles complete in all respect (Lahore & Safari Zoo)	2	147.000	294.00	Procurement of 3D Screens with Poles complete in all respect (Lahore & Safari Zoo)	2	147.000	294.00	-	
2.	Procurement of Digital Display Screen of Different Sizes (Lahore, Safari & BWP Zoo)	15	1.970	29.550	Procurement of Digital Display Screen of Different Sizes (Lahore, Safari & BWP Zoo)	15	1.970	29.550	-	
3.	Generators 70 KVA (Auto)	2	5.000	10.000	Generators 70 KVA (Auto)	2	5.000	10.000	-	
4.	Electric Surveillance Scooties	7	1.00	7.000	Electric Surveillance Scooties	7	1.00	7.000	-	
5.	High Quality Sound System for Safari Zoo	1	11.00	11.000	High Quality Sound System for Safari Zoo	1	10.800	10.800	(-) 0.200	
Total:				351.550	Total:				351.350	(-) 0.200

COST OF ESTABLISHMENT

(Rs. in million)

APPROVED PC-I SCHEME	REVISED PC-I SCHEME
-	-

COMMODITIES & SERVICES

(Rs. in million)

APPROVED PC-I SCHEME			REVISED PC-I SCHEME		
Sr. No.	Item	Cost	Item	Cost	Difference
1	Sculptures & Photo points	44.000	Sculptures & Photo points	43.660	(-) 0.340
2	Dancing Fountain for Safari Zoo	67.565	Dancing Fountain for Safari Zoo	103.468	(+) 35.903
3	Consultancy for Wildlife Floats	7.000	Consultancy for Wildlife Floats	6.900	(-) 0.100
4	Development of QR Based Mobile App	21.000	Development of QR Based Mobile App	21.000	-
5	Branding, Advertisement & Publicity	10.000	Branding, Advertisement & Publicity	-	(-) 10.000
6	Hiring of Services for Content Development, Animal Shows, Wildlife Floats etc)	62.500	Hiring of Services for Content Development, Animal Shows, Wildlife Floats etc)	75.000	(+) 12.500
7	Services Rendered for Media Promotion	15.000	Services Rendered for Media Promotion	-	(-) 15.000
8	Electrification cost of Dancing Fountain for Safari Zoo	11.000	Electrification cost of Dancing Fountain for Safari Zoo	11.000	-
9	-	-	Giraffe Cafeteria at Safari Zoo	120.354	120.354

10	-	-	African Village at Safari Zoo	30.138	30.138
11	-	-	Giraffe Track at Safari Zoo	10.000	(+) 10.000
12	Others Contingencies	3.812	Others Contingencies	3.566	(-) 0.246
13	Technical Consultancy	5.934	Technical Consultancy	5.935	(+) 0.001
Total:		247.811	Total:	431.021	(+) 183.210

SUMMARY OF COST

(Rs. in million)

APPROVED PC-I SCHEME			REVISED PC-I SCHEME		
Sr. No.	Description	Cost	Description	Cost	Diff:
1.	Conservancy & Works	-	Conservancy & Works	-	-
2.	Machinery, Stores & Equipment	351.550	Machinery, Stores & Equipment	351.350	(-) 0.200
3.	Cost of Establishment	-	Cost of Establishment	-	-
4.	Commodities & Services	247.811	Commodities & Services	431.021	(+) 183.210
TOTAL :		599.361	599.361	782.371	(+) 183.010

RESULT-BASED MONITORING (RBM) INDICATORS

Sr. No.	Input	Output	Outcome		Targeted Impact
			Baseline Indicator	Targets after Completion of Project	
1.	Experience development at Captive facilities in Punjab	Enhance visitors' engagements, Support conservation efforts, strengthen the existing facility	Currently existing facilities lacking the modern development technologies.	Public will Experience development initiatives in the existing facilities	Increased public awareness and education. Immersive visitor experience.

IMPLEMENTATION / WORK / ACTIVITY PLAN**MACHINERY, STORES, TOOLS & EQUIPMENT****(Rs. in million)**

Sr. No.	Item	Qty	2024-25	2025-26	Total
1.	Procurement of 3D Screens with Poles completion all respect (Lahore & Safari Zoo)	02			294.000
2.	Procurement of Digital Display Screen of Different Sizes (Lahore, Safari & BWP Zoo)	15			29.550
3.	Generators 70 KVA (Auto)	02			10.000
4.	Sound System for Safari Zoo	01			10.800
TRANSPORT					
1.	Electric Surveillance Scooties	07			7.000

COMMODITIES & SERVICES**(Rs. in million)**

Sr. No.	Item	Qty	2024-25	2025-26	Total
1.	Sculptures & Photo Points	L.S.			43.660
2.	Dancing Fountain for Safari Zoo	01			103.468
3.	Consultancy for Wildlife Floats	L.S.			6.900
4.	Development of QR Based Mobile App	01			21.000
5.	Hiring of Services for Content Development, Animals Shows, Wildlife Floats etc.)	L.S.			25.000
6.	Electrification cost of Dancing Fountain for Safari Zoo	L.S.			11.000
7.	Giraffe Cafeteria at Safari Zoo	L.S.			120.354
8.	African Village at Safari Zoo	L.S.			30.138
9.	Giraffe Track at Safari Zoo	L.S.			10.000
10.	Others Contingencies	<2%			3.566
11.	Technical Consultancy	<1% of Total Cost			5.935

ANNUAL PROCUREMENT PLAN IN LINE WITH PPRA (2024-25)

Sr No.	Name of Procurement (Description)	Estimated Cost	Quantity	Procurement Method	Tentative date of Procurement Notice Publication	Tentative date of Award of contract	Tentative date of completion	Remarks (if any)
2024-25								
1.	Procurement of 3D Screens with Poles complete in all respect (Lahore & Safari Zoo)	294.000	02	Tender	15.02.2025	21.03.2025	15.06.2025	
2.	Procurement of Digital Display Screen of Different Sizes (Lahore, Safari & BWP Zoo)	29.550	15	Tender	15.02.2025	21.03.2025	15.06.2025	
1.	Generators 70 KVA (Auto)	10.000	02	Tender	15.03.2025	28.04.2025	15.06.2025	
2.	Electric Surveillance Scooties	7.000	07	Tender	15.02.2025	21.03.2025	15.06.2025	
3.	Sound System for Safari Zoo	11.000	01	Tender	01.02.2025	19.03.2025	10.04.2025	

RISK MITIGATION STRATEGY

Sr. No	Major Wildlife Components/ Interventions	Quantity/Unit	Risks
1	Experience development at Captive facilities in Punjab	01 No	No risk is involved in implementation of the Project. However timely approval of project procurements and release of funds by competent authority may be ensured.

TERMS OF REFERENCE (TORS) FOR TECHNICAL CONSULTANT

The engagement/selection of firm is for the technical supervision during the procurement / deployment of 3-D screens, Digital Display Screens, QR based Mobile App, along with anamorphic content for 3D screens and complete end to end IT based implementation services. This only includes the Technical Consultancy Services but not the provision of any kind of solution/software/system.

A. Background:

The Punjab Wildlife and Parks Department aims to enhance wildlife awareness and conservation efforts. To achieve this, the department plans to procure and set up 3D screens, digital display screen and QR based mobile app at major Zoos of Punjab, for showcasing immersive content to educate and engage the public. This initiative aligns with global trends towards leveraging technology for educational purposes in zoological settings.

Keeping in view the above, the Punjab Wildlife & Parks department intends to seek engagement of the firm with the Technical Expertise w.r.t latest IT technologies.

B. Objective:

The primary objective of the engagement of the consultant is to provide technical insight, expertise and advisory services for the procurement and deployment of various IT components in the project to promote wildlife awareness.

C. Scope of Work:

This engagement includes working as a technical consultant to provide advisory services for the procurement and setup of 3D screens focusing on immersive educational anamorphic content for public, deployment of digital screens and QR based mobile app, with an emphasis on wildlife awareness and conservation. Also,

- Meetings and discussions for the finalization of desired requirements
- Establishment of a detailed working module for the client including the following components;
 - i. Providing Technical Specifications and guidelines for procurement and installation.
 - ii. Conducting a market analysis to identify suitable vendors with expertise in 3D screens and anamorphic content.
 - iii. Assisting the Wildlife Department in drafting and evaluating Request for Proposals (RFPs) / Tender Documents for the procurement of 3-D screens, Digital Display Screens, QR based Mobile App.
 - iv. Supporting the client department in identifying the ideal site for installation of 3D screens and digital display screens, through a comprehensive evaluation and analysis of all relevant parameters.
 - v. Supervising the installation process and ensuring compliance with the requirement.

- vi. Support in the Handing-taking of the project after closure/successful implementation / installation.
- vii. Defining maintenance schedules and establishing a technical support mechanism through O&M.

Roles and Responsibilities Clarification:

Technical Firm:

Being a Technical Consultant, responsibilities are outlined below:

- a) **Need Assessment:** The selected firm will offer advisory support to the PWD to conduct a comprehensive assessment. This support aims to provide guidance that will assist the PWD in the implementation of different IT interventions within their jurisdictions.
- b) **Project Planning:** The consultancy firm will support PWD to develop a project plan, outlining project scope, timelines, and milestones in coordination with the client.
- c) **Solution Design:** Advisory support to design a feasible IT Solutions that aligns with the objectives, offering least total cost to operate (TCO) the systems.
- d) **Vendor Selection:** Assist in the process of selecting Service Provider(s) for the implementation of IT Solutions, providing valuable insights into their capabilities, experience, and technological resources.
- e) **Quality Assurance:** Assist in establishing quality control processes to ensure that the required solutions meet the client's standards and expectations.
- f) **Technical Oversight:** Supervise the implementation of IT Solutions, including the installation and calibration of hardware, software and interactive interfaces by the Service Provider(s).
- g) **Communication:** Maintain clear and open communication with the Executive Committee and other stakeholders, providing regular updates and addressing any concerns or questions.
- h) **Documentation:** Assist in preparing RFP documentation, project plans, progress reports, technical specifications etc.
- i) **Post-Implementation Support:**
 - The consultancy firm will devise guiding principles to execute the post-implementation support by the Service Provider(s), effectively addressing potential issues and implementing risk mitigation strategies to secure the long-term viability of the solutions.

- Facilitate during the procurement and implementation of software solutions in accordance with the scope described herein.
- Provide assistance for the timely execution of deliverables in compliance to the project scope of work.

D. Role of Client Agency:

The client department shall be responsible for meeting the contractual obligations and granting the consultant's team of expert's access to the sites.

Other Responsibilities of Wildlife Department:

- On-ground implementation of the solution and identification of the implementation site through the selected vendor after following the public procurement process.
- Execute the procurement processes following the guidelines provided by Technical Consultant to ensure transparency.
- Review and Finalization the content (provided by the vendor) that is to be displayed
- Ensure site readiness and provide on-site personnel for coordination during setup/deployment.
- Assign responsibility for day-to-day screen operation and initiate support requests as needed.

Coordination and Communication:

Both the Technical consultant and Wildlife & parks department will designate focal persons to review the progress and conduct regular progress review meetings.

E. Estimated duration of Assignment:

The duration of the technical consultancy is for 6 months after the contractual engagement. The estimated timelines are provided below;

Sr. no	Description	Estimated Timelines
1	Requirement / Specifications finalization, RFP / Tender Document preparation & Vendor shortlisting	1.5 Months
2	Procurement and Delivery of Hardware	2 Months
3	Installation and testing of Solution	1.5 Months
4	Training and handover	1 Months

Timelines are provided based on prior approval, site readiness, onboarding of contractor and other required pre-requisites.

F. Deliverable with Timelines:

The tentative timelines against each deliverable is provided below;

Sr. no	Deliverable	Estimated Timelines
1	Requirement finalization by the client department including the specifications and purchase of 3-D screens, Digital Display Screens, QR based Mobile App and other IT component.	3 Weeks
2	RFP / Tender Document preparation in line with the PPRA guidelines and technical specifications drafted under departmental requirement (scope of work).	3 Weeks
3	Assistance during initiation of Procurement process by department and shortlisting of vendor through defined criteria.	4 Weeks
4	Supervise/Advisory service during the process of Hardware & Software delivery by the selected vendor	5 Weeks
5	Technical Advisory during the on-site deployment	3 Weeks
6	Testing of deployed Solution	3 Weeks
7	Supervision of the Training and handover to the client	4 Weeks

G. Qualification, Experience and Job Description of Manpower engaged by the Consultant Firm:

Sr. No.	Expert Positions	No. of Positions	No. of Months	No. of Years of Experience	Minimum Qualification	Experience/Job Description
01	Program Manager (Technical)	1	6	3 (Particularly in 3D Graphics)	Minimum 16 years of education in Computer Science, IT, or related field from a reputed HEC-recognized institution	a. Design and maintain scalable infrastructure using Docker, Kubernetes, and other container technologies. b. Implement and manage CI/CD pipelines, automate deployment with Ansible. c. Perform MySQL administration and network troubleshooting. d. Provide strategic

Sr. No.	Expert Positions	No. of Positions	No. of Months	No. of Years of Experience	Minimum Qualification	Experience/Job Description
						leadership for project planning, execution, and delivery in the Forestry, Wildlife & Fisheries sector. e. Manage stakeholder relationships and address risks during project execution.
02	Program Coordinator	1	6	3 (Particularly in IT related Project Procurements and management),	16 years of education in Computer Science, Project Management, Software Engineering, IT, or related field	a. Assist in developing and monitoring project plans, ensuring timely execution. b. Serve as the point of contact between internal teams and stakeholders. c. Prepare and maintain project documentation and reports. d. Support resource allocation and contribute to quality assurance throughout the project. e. Provision of detailed trainings for the use of the procured items and final take over by the client agency.

H. Professional Liability:

- (1) The consultant selected and awarded a contract shall be liable for consequence of errors or omissions on the part of the consultant.
- (2) The extent of liability of the consultant shall form part of the contract and such liability shall not be less than remunerations nor shall it be more than twice the remunerations.
- (3) The procuring department may demand insurance on part of the consultant to cover the liability of the consultant and necessary costs shall be borne by the consultant.
- (4) The consultant shall be held liable for all losses or damages suffered by the procuring department on account of any misconduct by the consultant in performing the consulting services.

Despite any provisions here or elsewhere in the Consulting Services Agreement (CSA), the Consultant shall remain fully accountable for all obligations outlined in the CSA and these Terms of Reference (TORs) with respect to advisory services.

TERMS OF REFERENCE (TORs)

HIRING OF CONSULTANCY FIRM FOR ENHANCING VISITOR EXPERIENCE AT LAHORE SAFARI PARK & LAHORE ZOO

1. INTRODUCTION

The Lahore Safari Park is a key recreational and educational facility in Punjab, attracting numerous visitors each year. To enhance the visitor experience, the Punjab Wildlife Department is introducing innovative entertainment programming. This includes live performances, theatrical shows, and the integration of float puppetry and live performances to captivate and educate visitors. The initiative aims to increase visitor engagement while ensuring high standards in creative production and operational management.

2. OBJECTIVES OF THE CONSULTANCY

The primary objective of this consultancy is to develop and implement a high-quality entertainment and educational program at Lahore Safari Park through creative direction, puppet design, live performance production, and technical support. The key objectives are:

1. To develop and implement innovative, engaging performance concepts tailored to wildlife park and zoo settings.
2. To create high-quality educational and entertainment content.
3. To establish a professional program featuring float puppetry and live performances.
4. To design and execute specialized props, costumes, and puppet characters.
5. To train performers and staff for long-term program sustainability.
6. To ensure consistent delivery of performances in line with established quality standards.

3. SCOPE, DUTIES, AND RESPONSIBILITIES OF THE CONSULTANT

The consultant will be responsible for the overall execution of the project, including the following:

a. Creative Direction & Production

- Develop and execute a creative vision for performances at the Safari Zoo.
- Ensure alignment with educational and recreational goals.
- Coordinate with technical and performance teams to ensure high-quality production.

b. Puppet Design & Production

- Design and develop 15-20 puppets suitable for performances.
- Oversee puppet making, ensuring quality control and technical specifications.
- Develop puppet manipulation techniques and train performers.

c. Music & Sound Production

- Compose original music for performances.
- Ensure high-quality sound design and execution during live performances.
- Coordinate voice-over recordings and technical sound management.

d. Performance Direction

- Direct and choreograph live performances.
- Manage performer auditions and selection.
- Oversee rehearsals, training, and ensure consistent performance quality.

e. Technical Production Management

- Manage technical infrastructure, including float construction and technical equipment.
- Ensure safety and quality standards during technical setup and performances.
- Supervise technical crew and handle day-to-day operational requirements.

4. DELIVERABLES AND TIMELINE

The following deliverables are required within the specified timeline:

Sr. No.	Deliverable	Timeline	Details
1.	Inception Report	Week 1	- Initial work plan, methodology, and project scope.
2.	Creative Concept & Performance Program	Month 1	- Finalized performance concepts, themes, storyboards, and program outline.
3.	Puppet Design & Prototypes	Month 4	- Detailed puppet designs and prototypes for performances.
4.	Music & Sound Design	Month 3	- Original music compositions and sound effects plan for the performances.
5.	Training Program for Performers	Month 3	- Development and execution of performer and technical crew training.
6.	Technical Setup & Testing	Month 3	- Installation and testing of sound, lighting, and float equipment for performances.
7.	Performance Rehearsals & Evaluation	Month 5	- Rehearsals and quality checks to ensure readiness for public shows.
8.	Launch & Public Performance Schedule	Month 5	- Final performance schedule and coordination for public shows.
9.	Final Project Report & Post-Launch Evaluation	Month 6	- Summary of project outcomes, lessons learned, and post-launch feedback.

The timeline is crucial for tracking project progression, and all reports should be submitted as per the deadlines to ensure proper coordination with the Wildlife Department.

5. QUALIFICATIONS AND JOB DESCRIPTION OF KEY STAFF

Sr. No.	Position	No. of Posts	No. of Man-Months	Qualifications	Experience	Job Description
1.	Creative Director and Production Lead	1	6 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in designing public performances.	- Lead creative process of puppet design, performance themes, and concept. - Coordinate artists, designers, and performers.
2.	Puppet Designer	2	4 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 3+ years of experience in puppet design and crafting.	- Design and create puppets and related materials. - Collaborate with the creative team to ensure quality and functionality of puppets.
3.	Music & Sound Specialist	1	3 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in composing and creating sound for theatrical projects.	- Compose original music and sound effects for performances. - Work with sound engineers and performers to ensure technical and creative integration.
4.	Performance Director	4	5 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 3+ years of performance experience.	- Perform puppetry during shows. - Attend rehearsals and contribute to the creative process.
5.	Technical Production Manager	1	5 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in technical setup for live performances.	- Manage technical equipment for performances (sound, lighting, stage setup). - Supervise technicians and ensure proper execution of technical aspects.

6. ROLE OF THE CLIENT AGENCY

The Wildlife Department will be responsible for:

a. Administrative Support:

- Providing access to facilities and coordination with other departments.
- Issuing necessary permits and authorizations.
- Facilitating workspace and rehearsal areas for the production teams.

b. Technical Support:

- Providing access to technical infrastructure and utilities.
- Ensuring proper storage and security of technical equipment and props.

c. Operational Support:

- Assigning a focal person for coordination.
- Assisting in logistics and audience management during performances.

7. DURATION OF THE ASSIGNMENT

The consultant will be required to complete the assignment within **6 months**, starting from the award of the contract.

8. PROFESSIONAL LIABILITY

The professional liability of the consultant shall be as defined in Rule 54 of the Punjab Procurement Rules, 2014 (amended till date).



MAK TRADERS

Government Contractor, General Order Suppliers, Office Accessories, Stationery, Computer Accessories,
Furniture, Auto Spare Parts, Transport Repairing & Maintenance, Other Services Activities.

REF NO:

DATE:

PUNJAB WILDLIFE & PARKS DEPARTMENT

QUATATION

SR. NO	ITEMS	QTY	RATE PER UNIT	Total Amount	Tax 18 %	Grand Total
1	Electric Scooter	7	843,600	5,905,200	1,62,936	6,968136

Proprietor
MAK TRADERS

Proprietor
MAK TRADERS
☎ 0305-4464497

📍 Office # 111, Opposite Jamia Masjid
Tariq Colony, Mustafa Abad, Dharampura, Lahore.

✉ khalilaamir33@gmail.com

REG No. 35202-1298592-1
NTN No. A297088-7
STRN No. 3277876239349
Vender No. 31091639
CDGL Vender No. 31150445

Sarwar & Sons



REG No. 35401-4463569-3

NTN No. 9960768-0

STRN No. 3277876281260

AG Vender No. 31141522

Government Contractor, General Order Suppliers, Office Accessories, Stationary, Catering Arrangements
Computer Accessories, Furniture, Transport Repairing & Maintenance, Spare Parts, Other Services Activities

Ref No:

Date:

QUATATION			
PUNJAB WILDLIFE & PARKS DEPARTMENT			
Sr.No	Description	Qty	Rate Per Unit
1	High Quality Sound System Complete with all Accessories	1	92,945,60
Total			92,945,60
GST 18%			1,673,021
G.Total			10,967,581

SARWAR & SONS

☎ 0308-1866790

✉ raheelsarwar35201@gmail.com

📍 Office # D-214, D Block, Rehman Garden, Lahore.

**NEXTMINDS**

G1 Itehad Colony, Iqbal Town, Lahore

hello@nextminds.co

+92-309-9999-846

Date _____

Quote No. 1425

To

OFFICE OF THE PUNJAB WILDLIFE & PARKS DEPARTMENT.

ITEMS	DESCRIPTION	QUANTITY	RATE	TOTAL
1.	3D Digital Screen with Poles Completed with All Respect	2	126,500,000	253,000,000
SUB TOTAL				253,000,000/-
TAX 18%				45,540,000/-
GRAND TOTAL				298,540,000/-

**NEXTMINDS**

G1 Itehad Colony, Iqbal Town, Lahore
hello@nextminds.co
+92-309-9999-846

Date _____

Quote No. 1431

To

OFFICE OF THE PUNJAB WILDLIFE & PARKS DEPARTMENT.

ITEMS	DESCRIPTION	QUANTITY	RATE	TOTAL
1.	Outdoor/Indoor LED Digital Screen Display	15	1,687,000	25,305,000
SUB TOTAL				25,305,000/-
TAX 18%				4,554,900/-
GRAND TOTAL				29,859,900/-


Nextminds

AA M/s AMJAD ALI

Ref: _____

Date: 12-02-26

To,
Project Director,

NTN: 4291986-0

PMU, Strengthening & Capacity Building of Wildlife Department and
Conservation of Wildlife in Punjab, Lahore

PNTN: P4291986-0

STRN: 3277876225200

REF: PMU/AMJ/0075

Sr#	Description	QTY	Rate Per Performance	Amount
1	Quotation for Float Animal Show	100 Performance	375000	37,500,000
Total Amount With All Applicable Taxes				37,500,000






DGS/TE/LHR/HAS/24/132/Rev.00

Dated: February 4, 2025

M/S:

Lahore.

Attn: Mr. Asad Bilal

Cell: +92 3

Subject: Proposals for Packaged 70kVA /56kW Prime Ratings Cummins Brand New DG sets**Dear Sir,**

This refers to your email inquiry for requirement of Diesel generator sets. We feel pleased to submit our best prices and salient features of our **70kVA /56kWW Prime Ratings Cummins CPG UK Used DG sets**. Please enclosed find complete proposal for your perusal.

Cummins DG sets POWERED GENERAORS is one of the leading names in diesel generator sets manufacturing which has achieved an enormous success throughout the world complying with quality standards. A strong and committed team ensures that the offered package gives you best value for your investment.

Trained and qualified Engineers will be available to provide complete backup support at your door step. A complete range of spare parts are kept in order to meet any emergency requirement both during and after the warranty period.

We look forward to serving you at our best.

Best Regards,

Engr. Armghan Ahmed

Manager Business Development

Cell: 0335-4165765

has313@gmail.com

Abdur Rehman

CEO

Cell: 0321 4014588

has313@gmail.com

0321 4014588

has313@gmail.comPlot #797, First Floor, CD, Block G-4,
Johar Town, Lahore, Pakistan



"Cummins Packaged" 70kVA /56kW Prime Ratings Brand New DG sets

Technical Description & Features:

S.No.	Description	Qty	Unit	Selling Price With GST
1	Diesel Generator sets canopied type, Brand New model TEC70D5, 70kVA/56kW prime & 77kVA/62kW standby, 1500RPM, 0.8P.F, 50Hz, 4wire, 415/220Volt, heavy duty steel structured skid mounted base frame, base fuel tank, packaged with 50C radiator complete with standard accessories and tools. Engine 6BT5.9G coupled with Stamford Technology Alternator. Canopied DG sets. DSE4520 Display Graphical & Digital Control, Radiator 50C tropically designed. IP23 Protection class H insulation, Engine Governing – Mechanical/Electrical, Voltage Regulator.	1	No	PKR 9,995,000
2	Weather Proof & Sound Attenuated Canopy around the Genset	1	No	
3	ATS /AMF Panel	1	No	
4	Earth Pits	2	No	
5	RCC Foundation Pad	1	No	
6	Loading, Unloading & Transportation Charges	1	Job	
7	Installation Charges	1	Job	
8	Power Cable 4C-70mm ²	1	Mtr	PKR 12,500
9	Control Cable 2.5mm ² x 5C	1	Mtr	PKR 982
10	Earth Cable	1	Mtr	PKR 1,250
	Total			PKR

Warranty: for used/refurbished 200hours/ 30days at 70% load test at workshop or at site as per actual load whichever comes earlier from the date of delivery/commissioning (within 15days).

NOTE: Delivery: Ex stock, subject to the prior sale. **Only 1No. Unit is available in ex stock.**

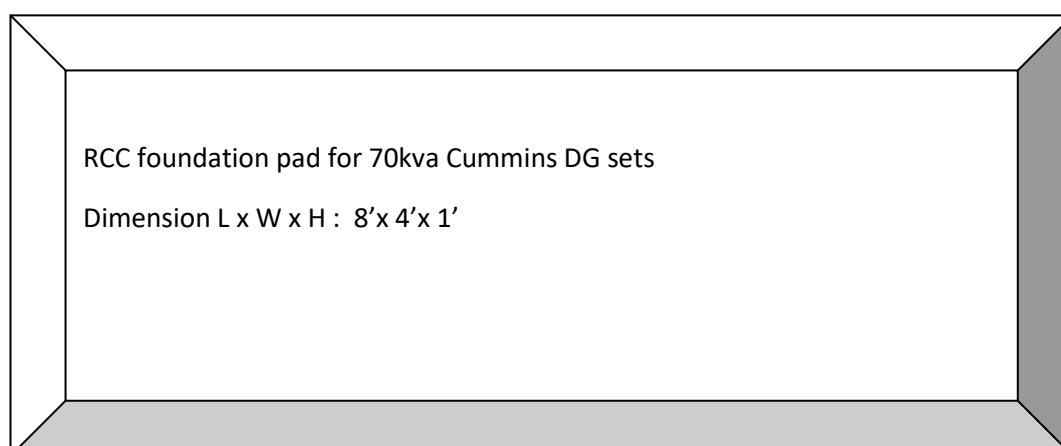
- Price quoted is without GST however, it would be charged 18% to GST registered & 21% to GST un-registered customers. Lube oil, Muffler, flexible, batteries and coolant are included in this price.
- Any type of approvals from department/authorities will be customer's responsibility.
- **Load Bank with diesel will be customer's responsibility,** Diesel and 3rd party inspection will be customers' responsibility.

Currency Fluctuation: The quoted prices are based on the current US Dollar parity rate applicable at the date of Quotation / Proposal / and thereafter any upward fluctuation in the currency rate 1USD=PKR281 at the time of delivery shall passed on to the buyer.

Taxes: The quoted prices are based on the duties and taxes applicable at the date of Quotation / Proposal thereafter any new/change in duties and taxes includes Customs Duty, Regulatory Duty, Income Tax, Sales Tax, Service Tax, Cess/Duty, Charges, fees etc., as applicable at the time of Invoice shall be passed on to the buyer.


GENERAL TERMS & CONDITIONS OF SALE (F.O.R. SALE)

VALIDITY	03-Days from this offer (Dollar parity would be charged as per actual)
AVAILABILITY	As mentioned above
PAYMENT TERMS	100% Advance before delivery with Firm Order
DUTIES, TAXES & EVALUATION (IN CASE OF NON-STOCK ITEMS ONLY)	Prices quoted are based on current duty structure & exchange rates which are subject to change if there is any variation in these factors.
ORDER CANCELLATION	In case of order cancellation from buyer, we reserves the right to charge stocking fee of 5% of the selling price of respective equipment.
WARRANTY	Brand new DG sets Warranty is Warranty 12months or 2000 Hours whichever comes earlier from the date of commissioning. Used DG sets warranty 70% load test at workshop water and salt method, at site as per actual load.
FORCE MAJEURE	This offer is subject to standard force majeure conditions
CUSTOMER RESPONSIBILITY	Civil works as per requirement of manufacturer Installation equipment's, material & labor (Electrical and Mechanical). All kind of approvals from Local Authorities for Electric Power Generation, Explosive, NOC, etc. Unloading and shifting of Genset at proper location at site. Consumables (diesel fuel & water) as per manufacturers recommendations. Load for testing generator at site up to 100% rating. All other items not mentioned in above quotation.
INCOME TAX DEDUCTION	Registered
TRANSFER OF TITLE	Not with standing anything contained herein until the entire contract price has been paid, title to the contracted goods shall remain with company. In case of any default in payment terms the seller shall have the right to repossess the equipment.
DELIVERY OF EQUIPMENT/PARTS	Customers are requested to take delivery of the equipment within 15 days of above-mentioned availability.





A.N. Corporation

Engineers / Contractors

Ref. No. _____
 THE PROJECT DIRECTOR
 PMU WILDLIFE DEPTT. PUNJAB
 LAHORE

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
1- Loutus Fountain							
1	Supply of Fountain complete 15 ft structure in material S S 304	1,014,000	1	1,014,000	3	3,042,000	4,056,000
2	Supply of Shalimar Submersible Pump Special Design for Fountain use. 192/galleons/min	390,000	1	390,000	3	1,170,000	1,560,000
3	Supply of LED RGB Lights 18w S S body material 302	19,500	45	877,500	75	1,462,500	2,340,000
4	Supply of Fountain Shooter Nozzle brass Material	8,450	45	380,250	75	633,750	1,014,000
5	Supply Of Sanitary Fitting stainless steel material , Pipe fitting , elbow, tee, socket, bush, valve, tai, salution, etc.	195,000	1	195,000	1	195,000	390,000
6	Supply of Waterproof electric wire for pumps and lights wiring	110,500	1	110,500	3	331,500	442,000
7	Supply of Shalimar Fountain gear motor 3 hp.	227,500	1	227,500	3	682,500	910,000
TOTAL AMOUNT				3,194,750		7,517,250	10,712,000
2- Big Bird Formation							
1	Supply of Shalimar Submersible Pump 2850 Rpm,50HZ , 220v Special	455,000	1	455,000	1	455,000	910,000
2	Supply of Fountain Structure 10 FT Length complete with Stainless steel	715,000	1	715,000	1	715,000	1,430,000

A.N CORPORATION
 FLAT NO. 8 FIRST FLOOR ALIYA MARKET
 G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____ REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

Date _____

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
3	Supply of Shalimar Fountain gear motor 2 hp	201,500	1	201,500	1	201,500	403,000
4	Supply of Fountain Shooter Jet Nozzle	8,450	20	169,000	42	354,900	523,900
5	Supply of LED RGB Lights 18w S S body material 302	19,500	20	390,000	42	819,000	1,209,000
6	Supply Of Sanitary Fitting stainless steel material , Pipe fitting , elbow,	162,500	1	162,500		-	162,500
7	Supply of Waterproof electric wire for pumps and lights wiring	84,500	1	84,500	1	84,500	169,000
TOTAL AMOUNT				2,177,500		2,629,900	4,807,400
3- Small Bird Formation							
1	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ , 220v Special Design for Fountain use. 192/galleons/min	455,000	2	910,000		-	910,000
2	Supply of Fountain Structure 10 FT Length complete with Stainless steel Material 304	585,000	2	1,170,000		-	1,170,000
3	Supply of Shalimar Fountain gear motor 2 hp	201,500	2	403,000		-	403,000
4	Supply of Fountain Shooter Jet Nozzle	8,450	32	270,400		-	270,400
5	Supply of LED RGB Lights 18w S S body material 302	19,500	32	624,000		-	624,000
6	Supply Of Sanitary Fitting stainless steel material , Pipe fitting	390,000	1	390,000		-	390,000
	, elbow, tee, socket, bush, valve, tai, salution, etc.			-			-

A.N CORPORATION
 FLAT NO. 8 FIRST FLOOR ALIYA MARKET
 G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
7	Supply of Waterproof electric wire for pumps and lights wiring	110,500	1	110,500		-	110,500
TOTAL AMOUNT				3,877,900		-	3,877,900
4- Runing Formation							
1	Supply of Fountain Structure Stainless Steel Material 304 Including Ring moving Structure 287 ft in length complete in all aspected Argon welded. included water inlet and frame of the Structure.	3,900,000	1	3,900,000		-	3,900,000
2	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ, 220v, Special Design for Fountain use. 235/galleons/min	325,000	5	1,625,000	5	1,625,000	3,250,000
3	supply of Fountain Nozzle 10 to 12 mm rated height 10mm material with ball j	9,360	115	1,076,400	53	496,080	1,572,480
4	Supply of LED RGB Lights 18w S S body material 302	16,250	115	1,868,750	53	861,250	2,730,000
5	Soloneid Valves waterproof complete in all aspected with brass Valve.	9,500	115	1,092,500	53	503,500	1,596,000
6	Supply Of Sanitary Fitting stainless steel material, Pipe fitting, elbow.	675,675	1	675,675		-	675,675
7	Supply of Waterproof electric wire for pumps and lights wiring	980,000	1	980,000		-	980,000
TOTAL AMOUNT				11,218,325		3,485,830	14,704,155
5-Fountain Jumping Ring 8 ft							
1	Supply of Shalimar Submersible Pump 235/gallons/min special design to use in fountain 2850 rpm, 50 hz 440v	390,000	2	780,000	2	780,000	1,560,000
2	Supply of Fountain Nozzle Brass Material Shooter jet	8,450	48	405,600	32	270,400	676,000

A.N CORPORATION
 FLAT NO. 8 FIRST FLOOR ALIYA MARKET
 G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
3	Supply of LED RGB Lights 18w S S body material 302	19,500	48	936,000	32	624,000	1,560,000
4	Supply of Stainless Steel Ring Material 304 8ft dia	455,000	2	910,000	2	910,000	1,820,000
5	Supply Of Sanitary Fitting stainless steel material , Pipe fitting , elbow,	130,000	2	260,000		-	260,000
6	Supply of Waterproof electric wire for pumps and lights wiring	110,500	2	221,000		-	221,000
TOTAL AMOUNT				3,512,600		2,584,400	6,097,000
6- Finger Jet Fountain							
1	Supply of Shalimar Submersible Pump 112/gallons/min special design to use in fountain 2850 rpm, 50 hz 440v	260,000	6	1,560,000		-	1,560,000
2	supply of Fountain struture 15 ft in length Argon welded complete in all aspect	185,250	6	1,111,500		-	1,111,500
	Supply of Fountain Nozzle Brass Material Shooter jet	8,450	90	760,500		-	760,500
3	Supply of LED RGB Lights 18w S S body material 302	19,500	90	1,755,000		-	1,755,000
4	Supply Of Sanitary Fitting stainless steel material , Pipe fitting , elbow,	552,825	1	552,825	-	-	552,825
5	Supply of Waterproof electric wire for pumps and lights wiring	330,200	1	330,200	-	-	330,200
TOTAL AMOUNT				6,070,025		-	6,070,025
7-Straight Jet Nozzle							

A.N CORPORATION

FLAT NO. 8 FIRST FLOOR ALIYA MARKET
G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
1	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ, 220v, Special Design for Fountain use. 235/galleons	390,000	2	780,000		-	780,000
				-			-
2	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ, 220v, Special Design for Fountain use. 295/galleons	520,000	1	520,000	1	520,000	1,040,000
				-			-
4	Supply of Fountain Shooter Jet Nozzle Brass Material	45,500	3	136,500	1	45,500	182,000
5	Supply of LED RGB Lights 18w S S body material 302	26,000	9	234,000	3	78,000	312,000
6	Supply of Light Stand Stainless Steel Material 304	15,600	3	46,800	1	15,600	62,400
7	Supply Of Sanitary Fitting stainless steel material, Pipe fitting, elbow,	455,000	1	455,000		-	455,000
8	supply of high pressure tank stainless steel body.	101,400	3	304,200	1	101,400	405,600
9	Supply of Waterproof electric wire for pumps and lights wiring	123,500	1	123,500		-	123,500
TOTAL AMOUNT				2,600,000		760,500	3,360,500
8- Rainbow fountain							
1	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ, 220v, Special Design for Fountain use. 235/galleons	300,000	4	1,200,000		-	1,200,000
2	Supply of Shalimar Submersible Pump 2850 Rpm, 50HZ, 220v, Special Design for Fountain use. 295/galleons	400,000	2	800,000		-	800,000

A.N CORPORATION

FLAT NO. 8 FIRST FLOOR ALIYA MARKET
G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
3	Supply of Fountain Nozzle straight jet 8mm	7,000	30	210,000		-	210,000
4	Supply of LED RGB Lights 18w S S body material 302	20,000	30	600,000		-	600,000
5	Supply of Fountain Structure Stainless Steel Material 304 length 5ft	47,500	6	285,000		-	285,000
6	Supply Of Sanitary Fitting stainless steel material , Pipe fitting , elbow,	350,000	1	350,000		-	350,000
7	Supply of Waterproof electric wire for pumps and lights wiring	84,500	6	507,000		-	507,000
TOTAL AMOUNT				3,952,000		-	3,952,000
9- Miscellaneous							
1	Fountain Sound System With 04 Amplifier and 24 Speakers (360 Degree Sound)With MS painted Canopy stands			1,500,000		8,150,000	9,650,000
2	Programming software & Lenovo Laptop			1,800,000			1,800,000
3	Weather Protected Panel with powder coat, breakers, push Button, lights, Power supply, plc, Flasher, Face foliar, connectors, inverters for each pump relay, good Quality, PLC Programing Kit with programing relays.			5,500,000		3,785,000	9,285,000
4	O&M Services			1,500,000			1,500,000
5	Reinforced Cement concrete 4"			4,000,000			4,000,000
TOTAL AMOUNT				14,300,000		11,935,000	26,235,000

A.N CORPORATION

PLAT NO. 8 FIRST FLOOR ALIYA MARKET
G-13/2 ISLAMABAD



A.N. Corporation

Engineers / Contractors

Ref. No. _____

Date _____

REVISED DESIGN COST OF DANCING FOUNTAIN AT SAFARI PARK LAHORE

SR#	DESCRIPTION	As per BOQ			Revised BOQ		Total Cost
		Unit Rate	Quantity	Amount	QTY	Amount	
	Cost of Lake Filtration System			11,715,000		-	11,715,000
	Cost of Lake Filtration Plant Room			4,800,000		-	4,800,000
	WATER PROOF COATING WORK OF LAKE	150			17,415	2,612,250	2,612,250
	MAIN ELECTRIC CABLE 300 MM 4 CORE	17,000			225	3,825,000	3,825,000
	PROVISION OF AC 2 TON IN PLANT ROOM	350,000			2	700,000	700,000
	Total Amount (with all taxes)			67,418,100		36,050,130	103,468,230

FOR AN CORPORATION

MUHAMMAD SHAHZAD
DIRECTOR

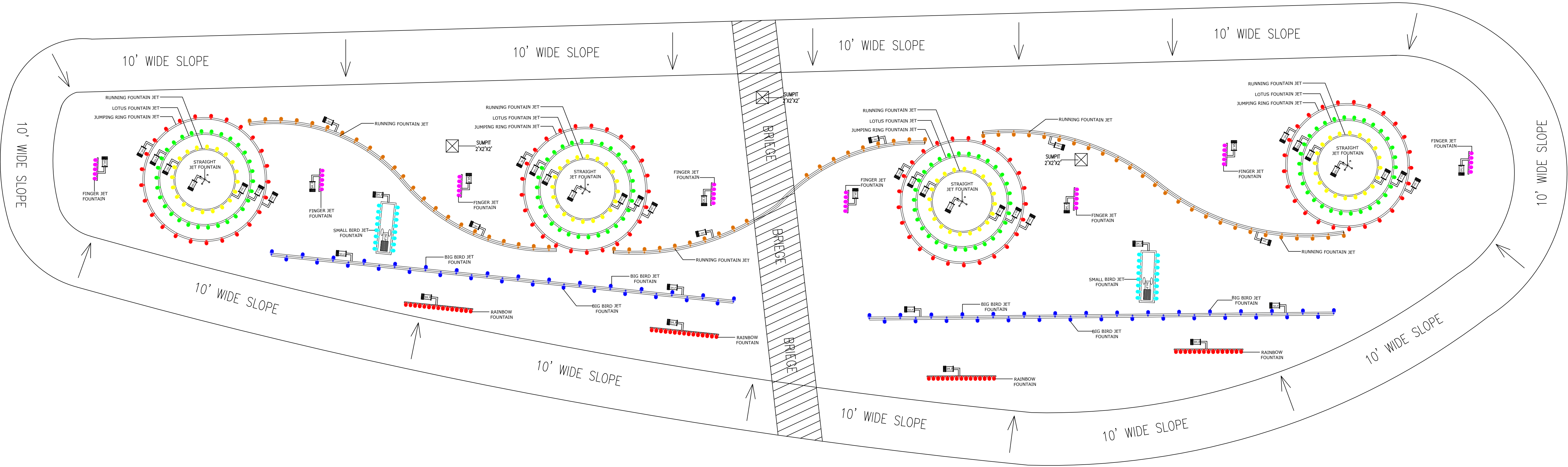
A.N CORPORATION

FLAT NO. 8 FIRST FLOOR ALIYA MARKET
G-13/2 ISLAMABAD

**REVISED DESIGN FOR
DANCING FOUNTAIN
AT
SAFARI PARK
LAHORE**

A.N.CORPORATION

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.



REVISED DANCING FOUNTAINS DESIGN

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE:
REVISED DANCING FOUNTAINS DESIGN

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:
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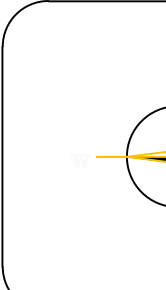
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REVISION:
-

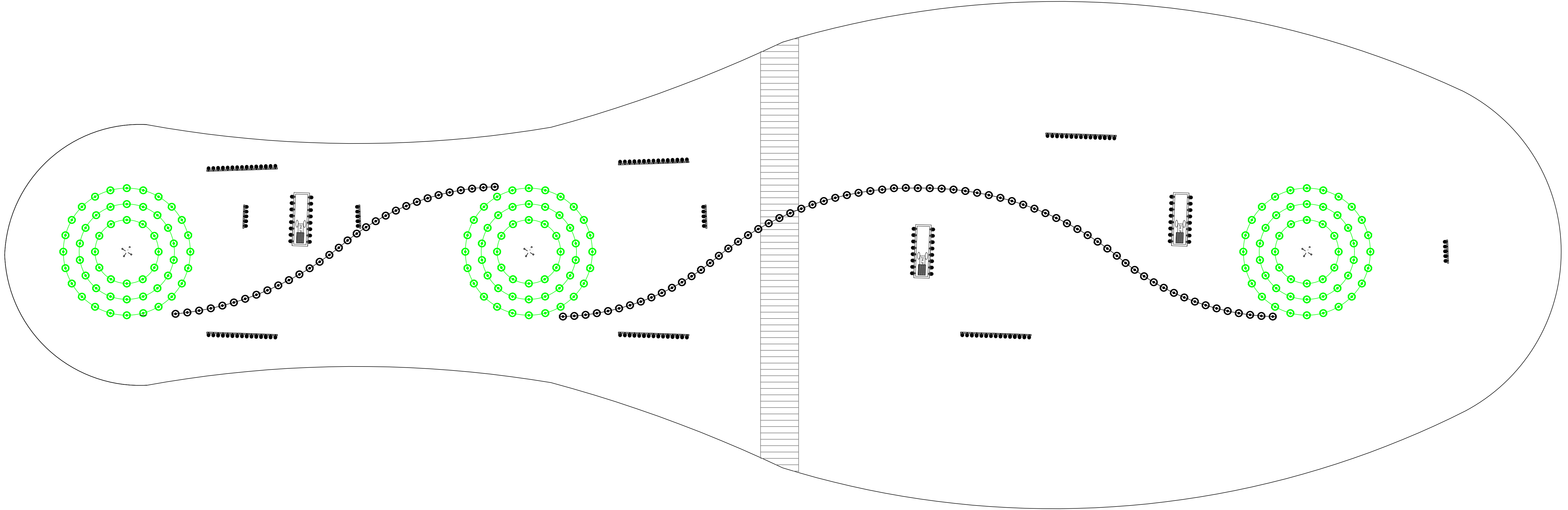
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-

SCALE:
0:000

SHEET NO:



SHEET SIZE:
A3



OLD DANCING FOUNTAINS DESIGN

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE: OLD DANCING FOUNTAIN PLAN

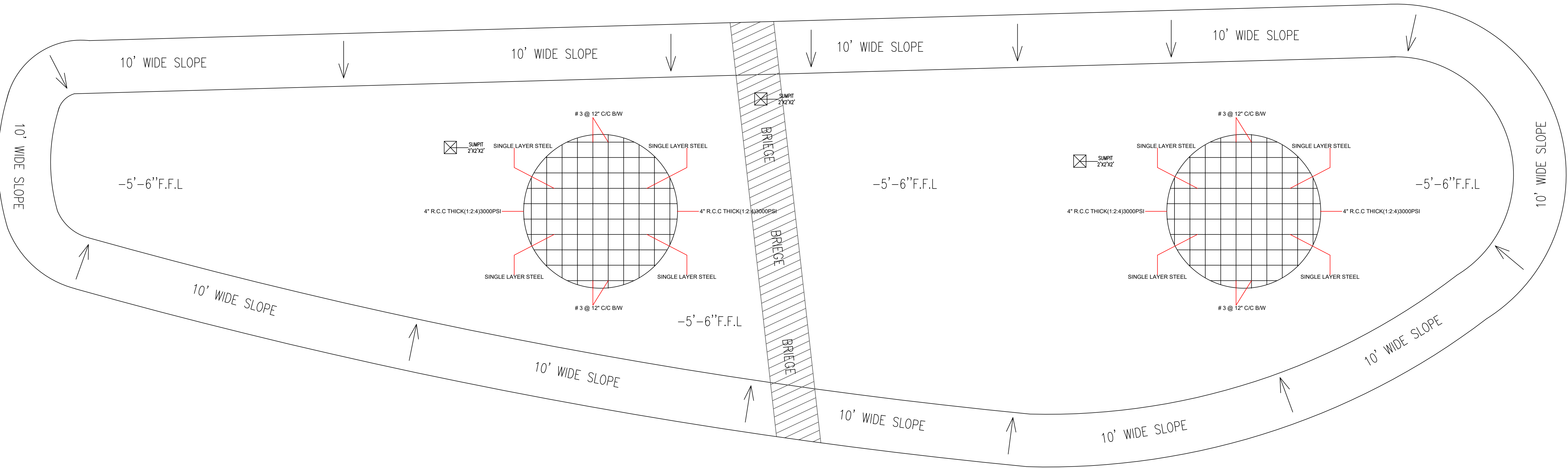
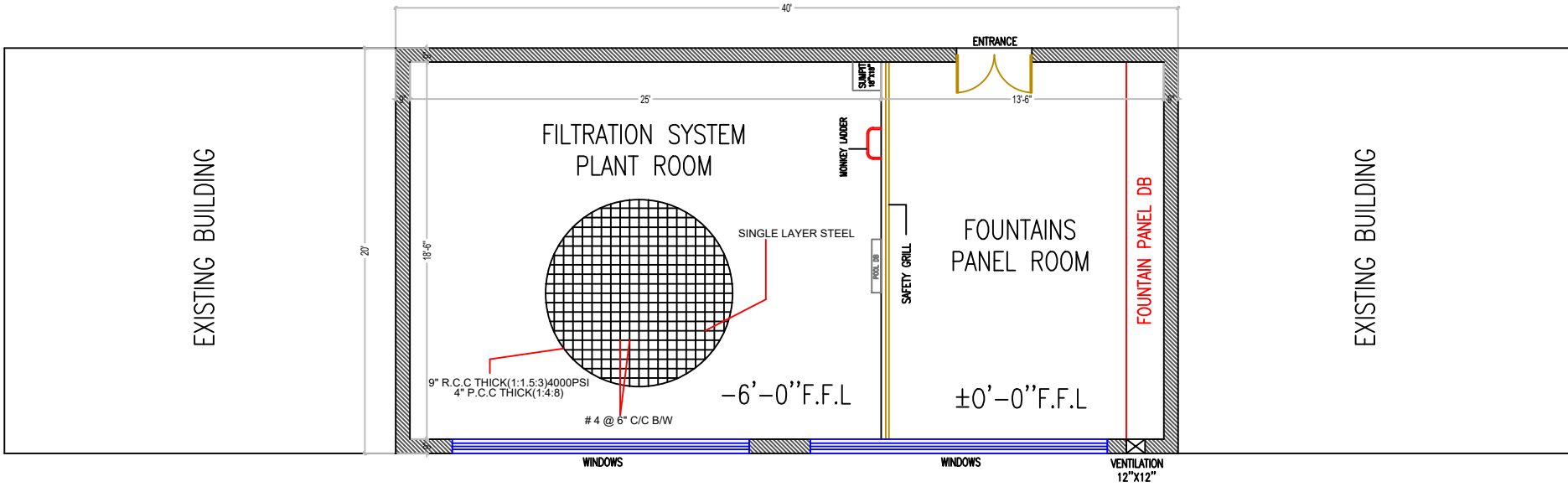
DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO: -	SCALE: 0:000	SHEET SIZE: A3
DRAWING NO: -	SHEET NO:	
REVISION: -		
UNIT: -		

PANEL ROOM FOR FOUNTAINS



DANCING FOUNTAIN MAIN PLAN

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

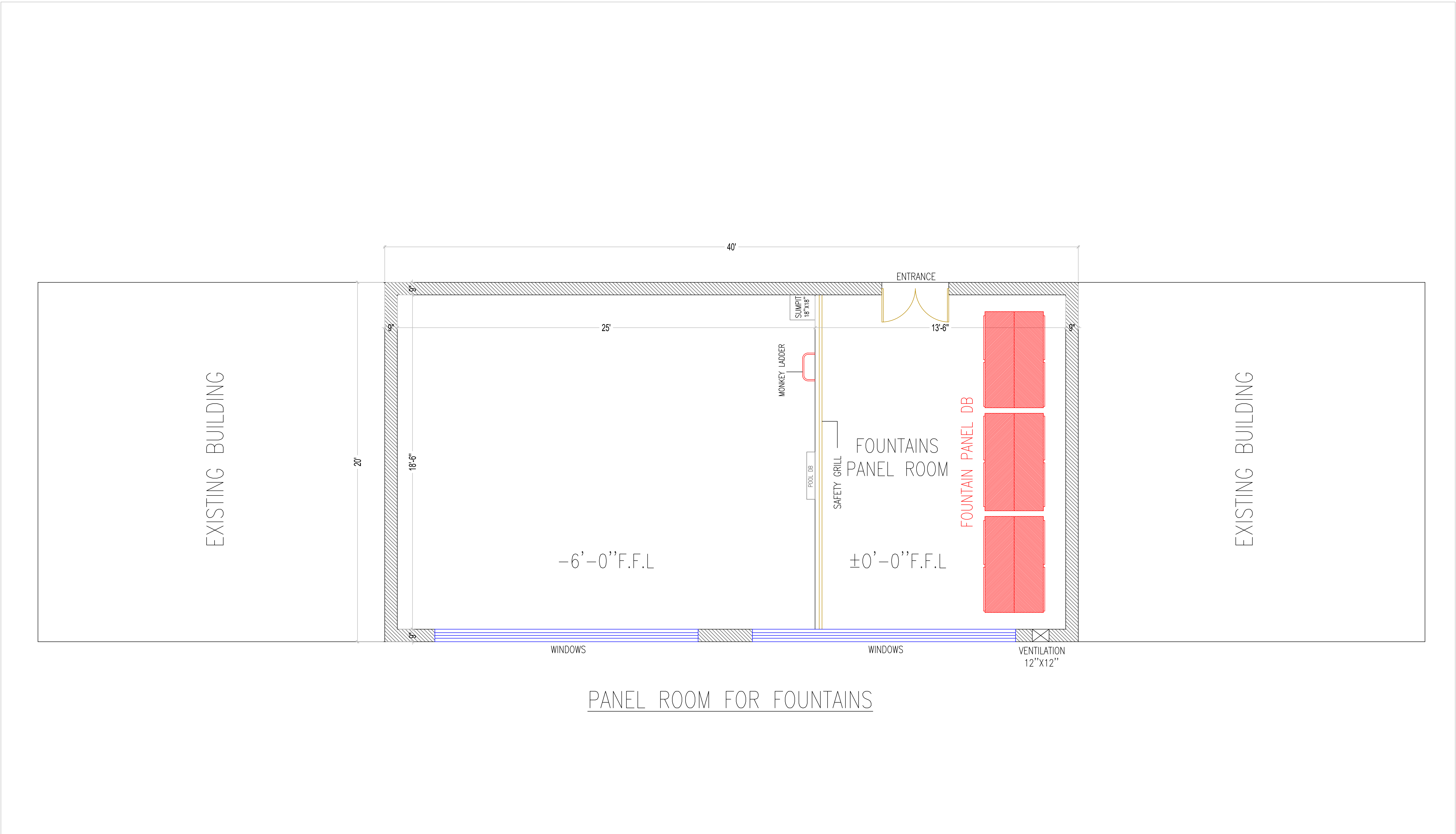
DRAWING TITLE: REVISED DANCING FOUNTAIN
MAIN PLAN

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO: -	SCALE: 0:000	SHEET SIZE: A3
DRAWING NO: -	SHEET NO:	
REVISION: -		
UNIT: -		



A . N . C O R P O R A T I O N
ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

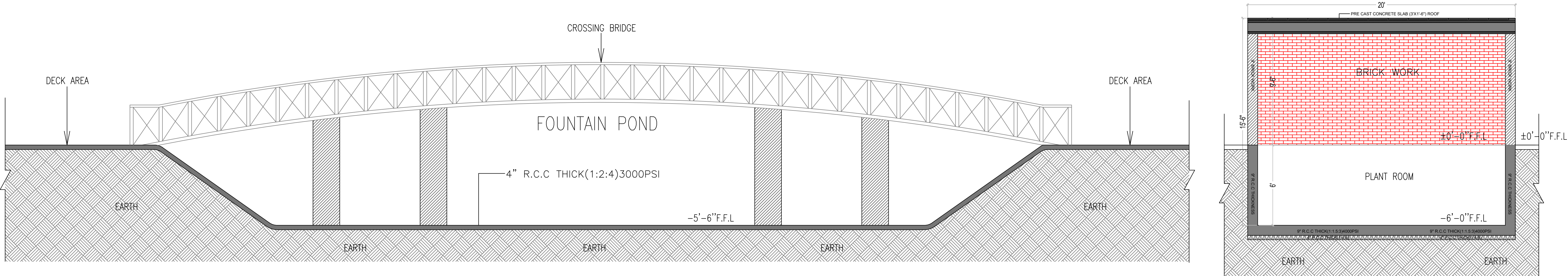
PROJECT NAME: **DANCING FOUNTAIN AT
SAFARI PARK LAHORE**

DRAWING TITLE: **REVISED DANCING FOUNTAIN
PANEL ROOM PLAN**

DATE:

CLIENT NAME & ADDRESS
**PD PMU WILDLIFE
PUNJAB**

PROJECT NO: -	SCALE: 0:000	SHEET SIZE: A3
DRAWING NO: -	SHEET NO:	
REVISION: -		
UNIT: -		



DANCING FOUNTAIN AND PLANT ROOM SECTION

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

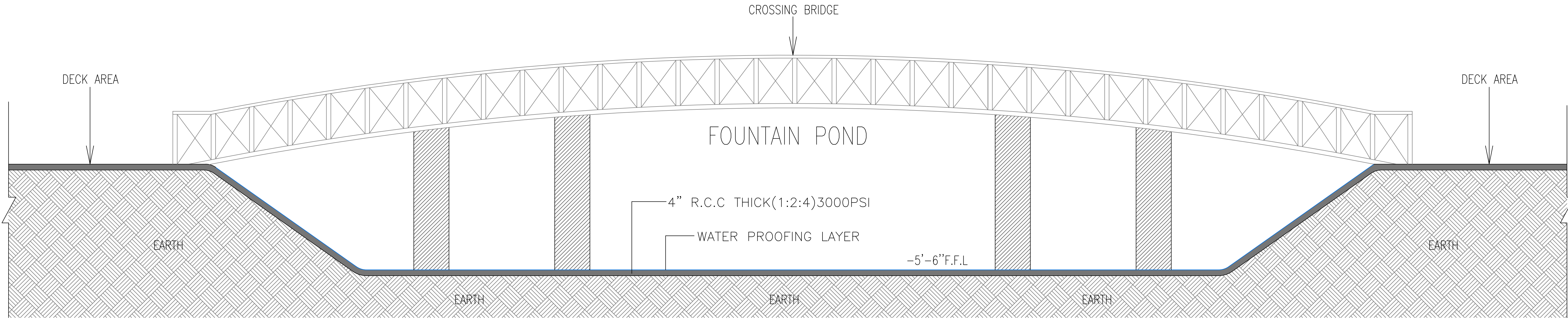
DRAWING TITLE: REVISED DANCING FOUNTAIN
POND AND PANEL ROOM SECTION
DETAILS

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO: -	SCALE: 0:000	SHEET SIZE: A3
DRAWING NO: -	SHEET NO:	
REVISION: -		
UNIT: -		



DANCING FOUNTAIN POND WATER PROOFING SECTION

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE: REVISED DANCING FOUNTAIN
POND WATER PROOFING
PLAN AND SECTION

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:
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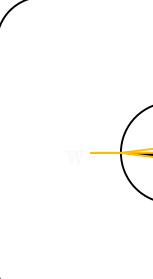
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REVISION:
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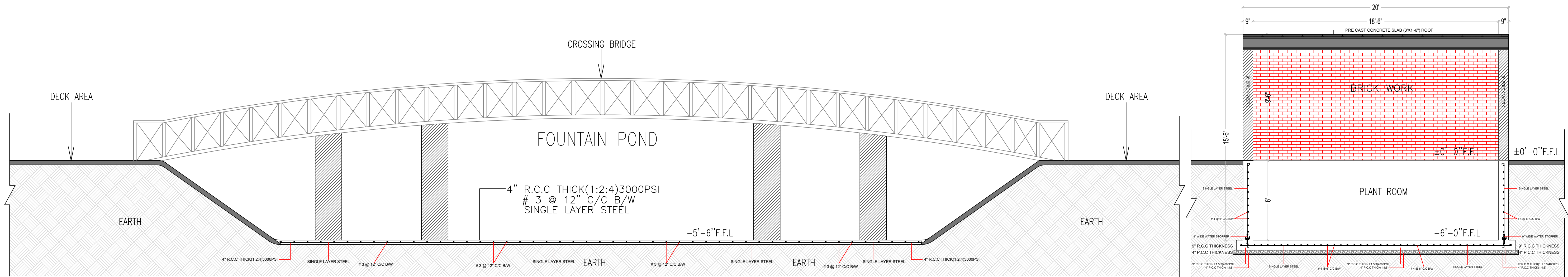
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SCALE:
0:000

SHEET NO:



SHEET SIZE:
A3



DANCING FOUNTAIN AND PLANT ROOM SECTION

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE: REVISED DANCING FOUNTAIN
POND AND PANEL ROOM STRUCTURE
SECTION DETAILS

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:
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SCALE:
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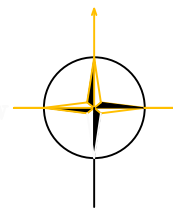
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DRAWING NO:
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SHEET NO:

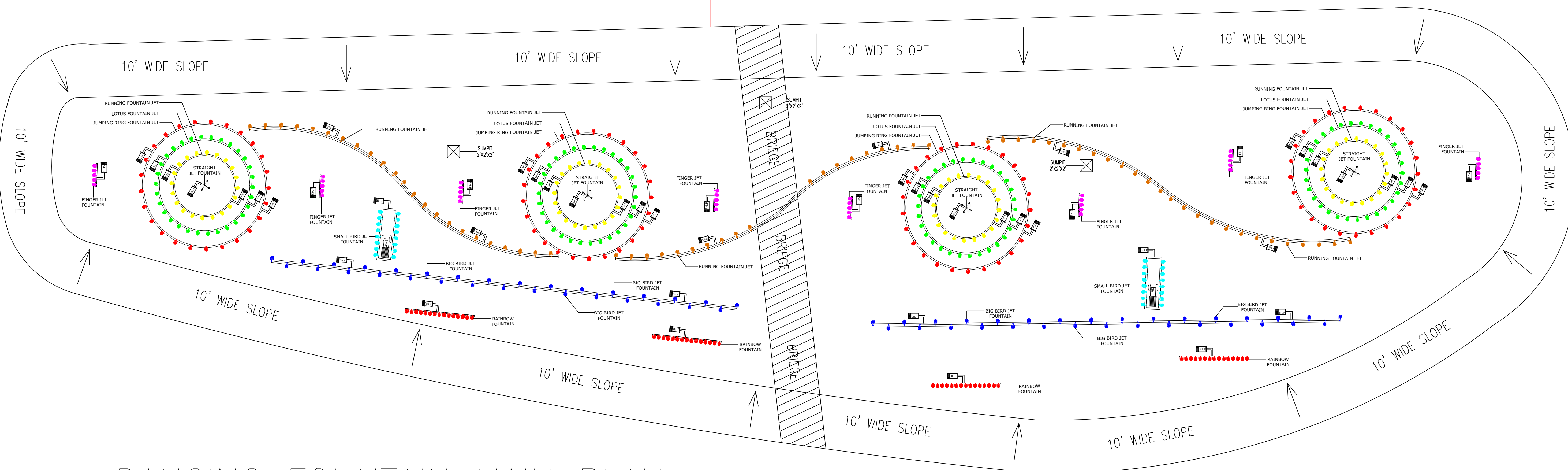
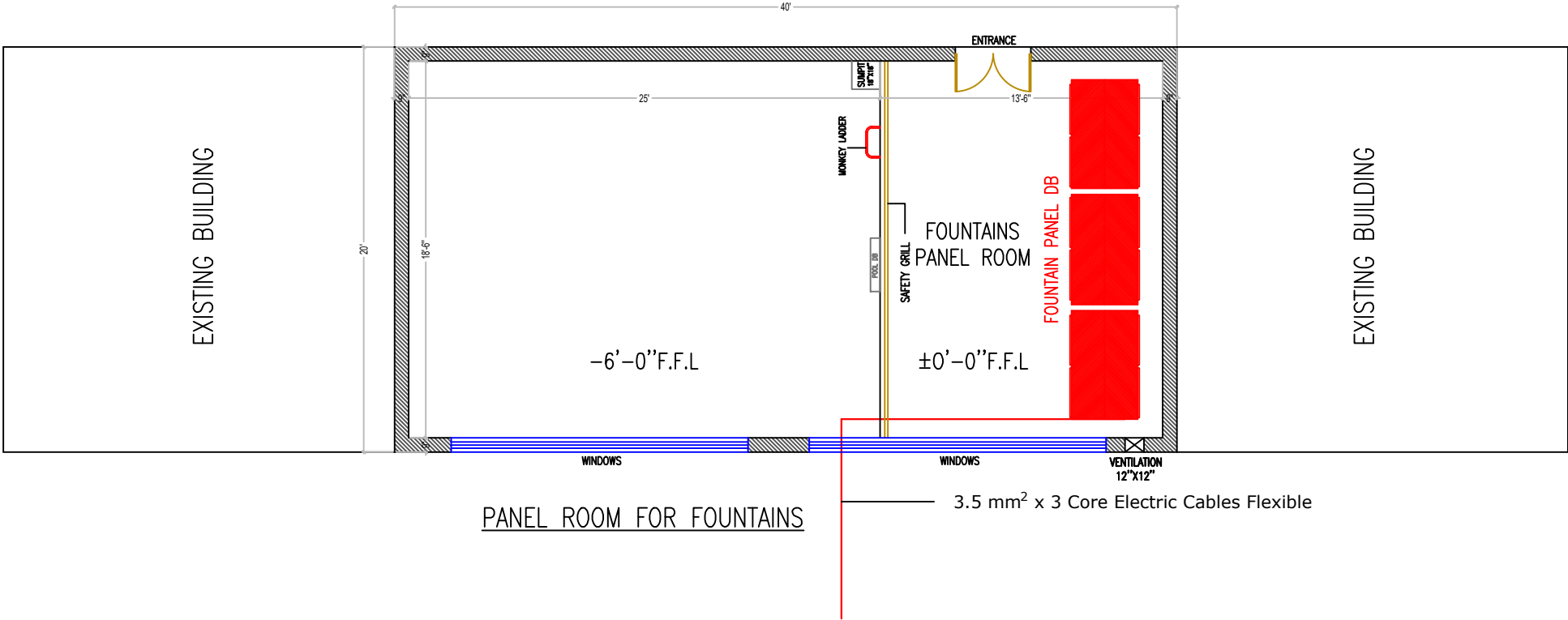
REVISION:
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UNIT:
-



Architectural floor plan of a fountain system. The plan shows a 'PLANT ROOM' (6' x 0" F.F.L.) and a 'FOUNTAIN PANEL ROOM' (0' x 0" F.F.L.). The Plant Room contains four large cylindrical tanks. The Fountain Panel Room contains two vertical panels labeled 'FOUNTAIN PANEL DB'. The entire structure is covered by a 'PRE CAST CONCRETE SLAB (3'X1'-6" ROOF'. The walls are made of '6" BRICK WORK'. The foundation includes '9X6 BEAM' and '2'-11" deep footings. Various structural details are noted, such as '9" R.C.C THICK(1:1.5:3)4000PSI' and '4" P.C.C THICK(1:4:8)'.

Page 68



DANCING FOUNTAIN MAIN PLAN

A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE: REVISED DANCING FOUNTAIN PLAN

DATE:

CLIENT NAME & ADDRESS

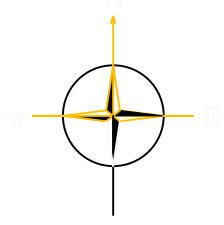
PD PMU WILDLIFE
PUNJAB

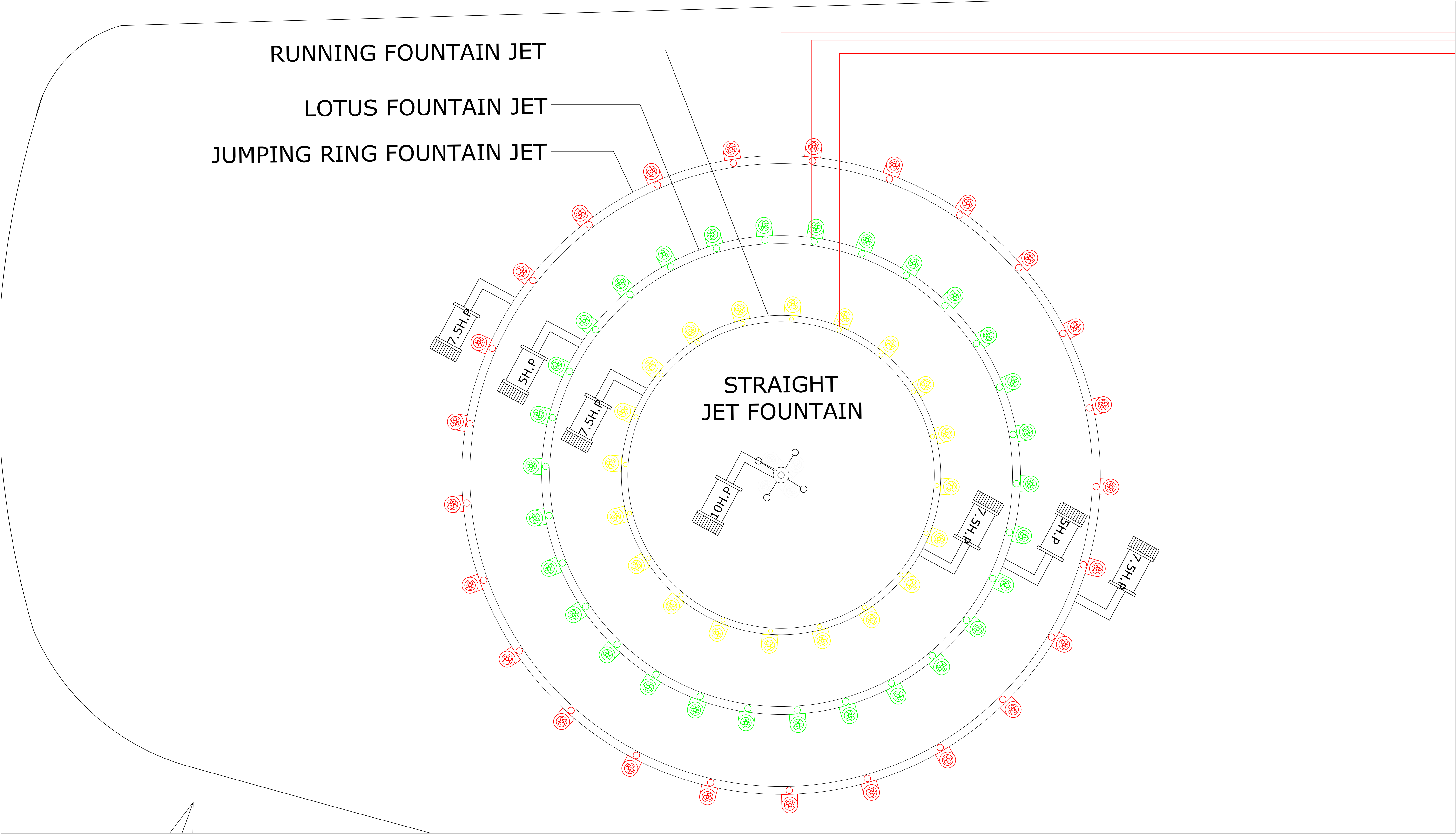
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SCALE: 0:000
SHEET SIZE: A3

DRAWING NO: -
SHEET NO:

REVISION: -

UNIT: -





A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

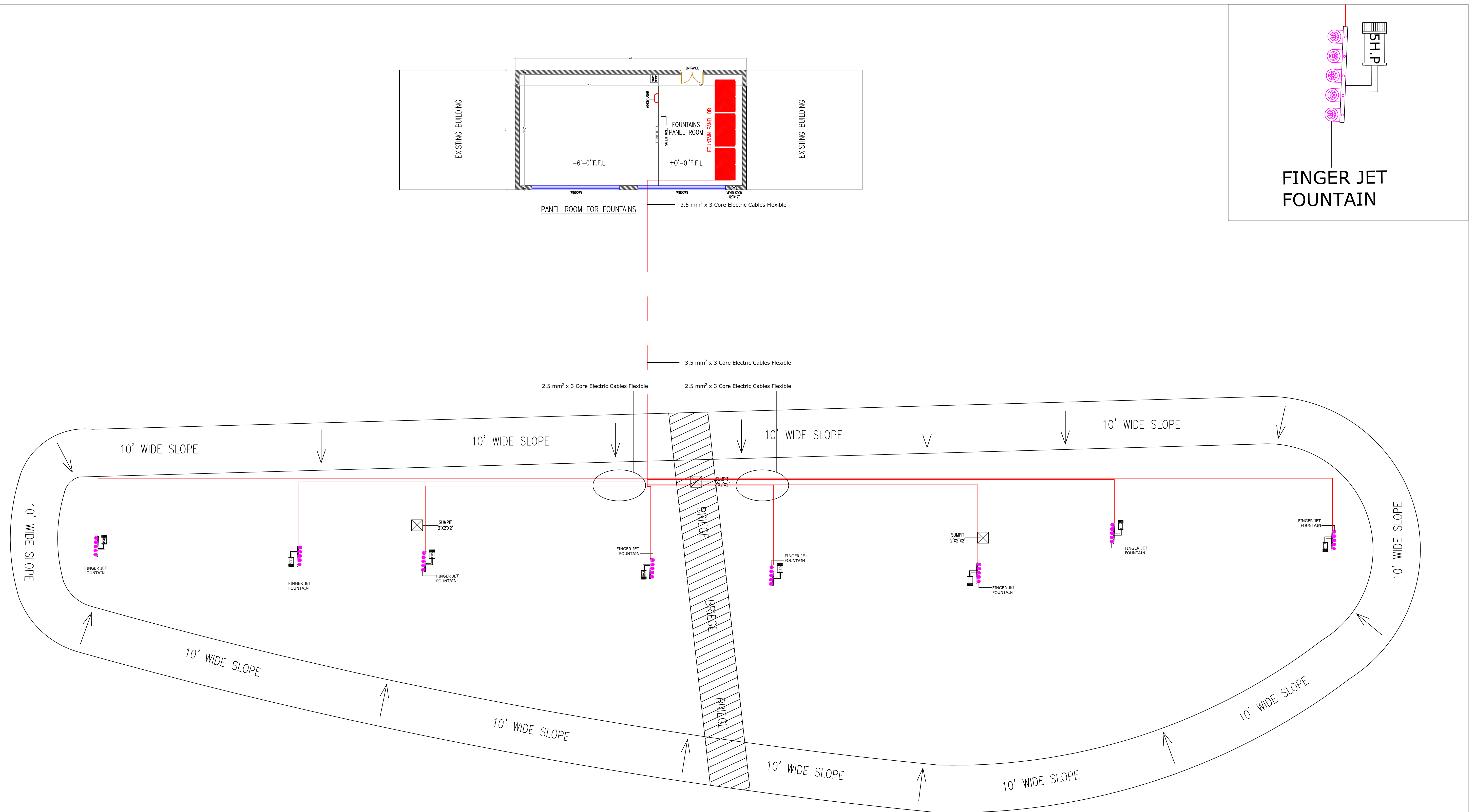
DRAWING TITLE: REVISED DANCING FOUNTAIN PLAN

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO: -	SCALE: 0:000	SHEET SIZE: A3
DRAWING NO: -	SHEET NO:	
REVISION: -		
UNIT: -		



A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT SAFARI PARK LAHORE

DRAWING TITLE:

REVISED FINGER JET FOUNTAIN PLAN

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:
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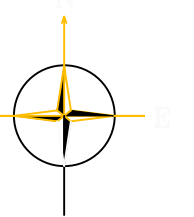
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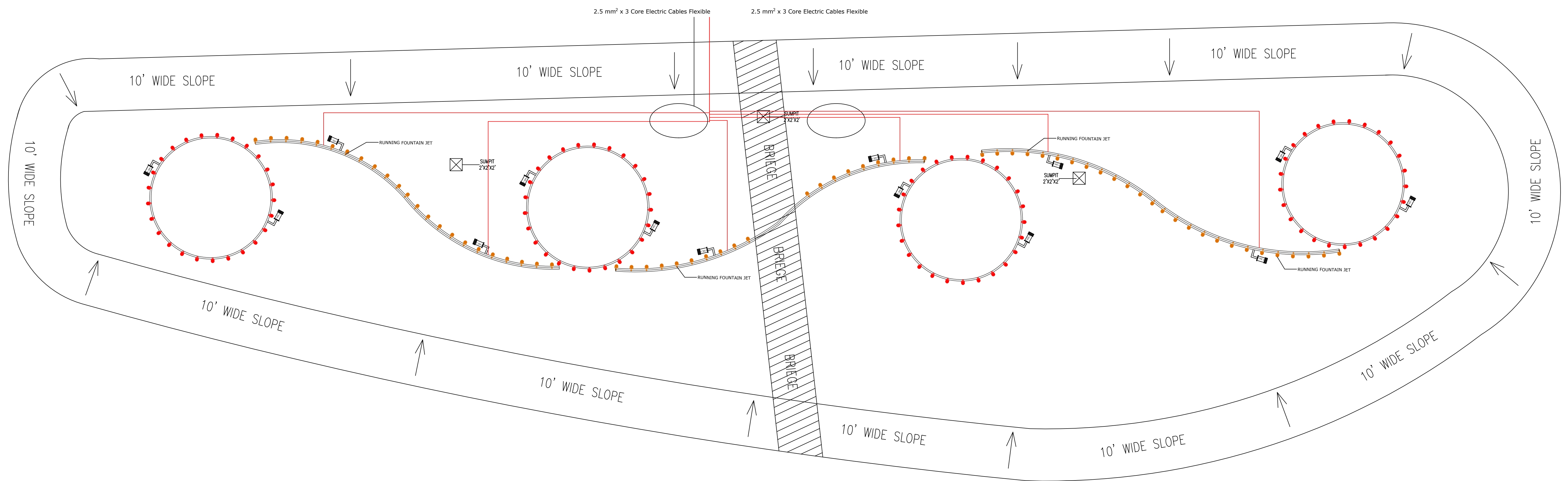
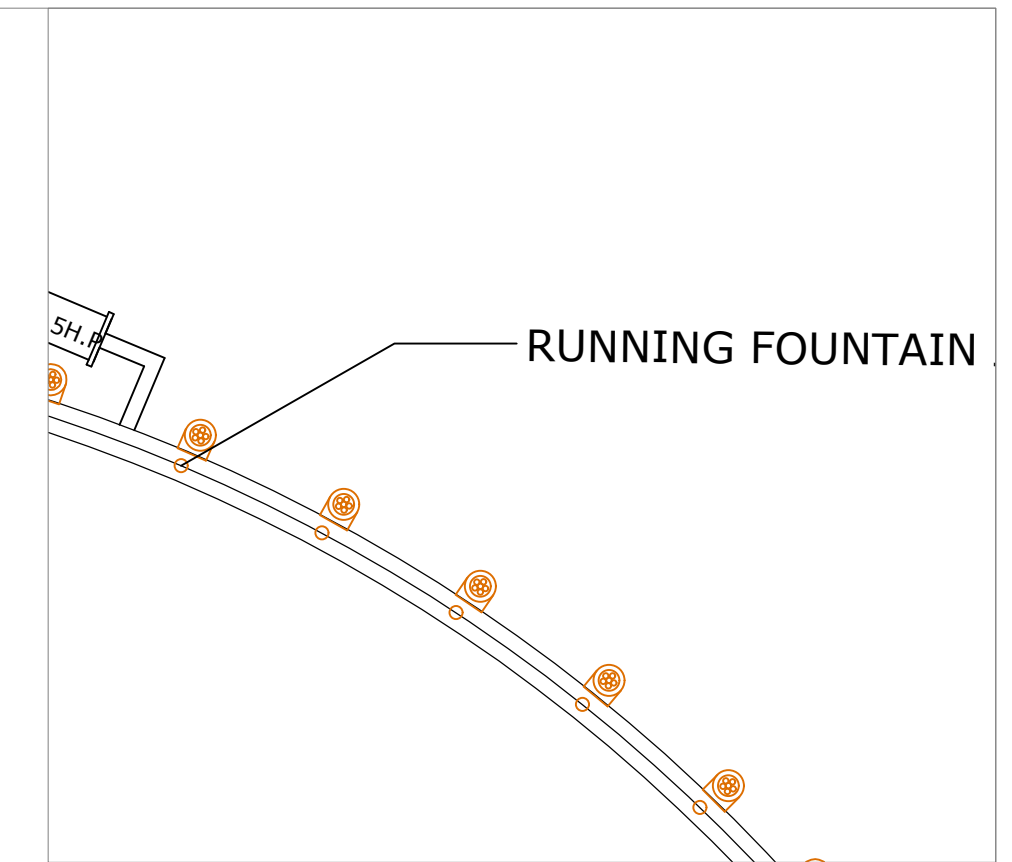
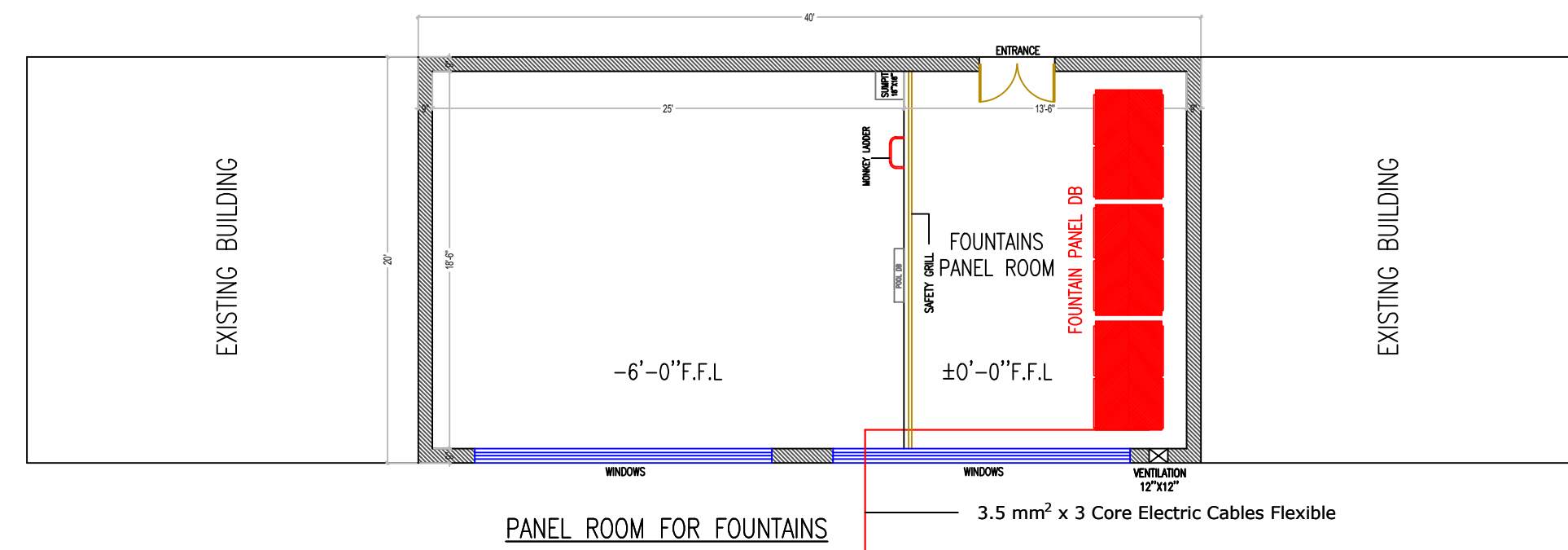
REVISION:

UNIT: _____

SCALE:
0:000

SHEET NO:





A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME:

DANCING FOUNTAIN AT SAFARI PARK LAHORE

DRAWING TITLE:

REVISED RUNNING JET FOUNTAIN PLAN

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:

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SCALE:

0:000

SHEET SIZE:

A3

DRAWING NO:

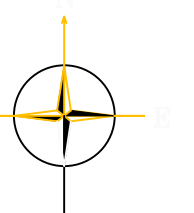
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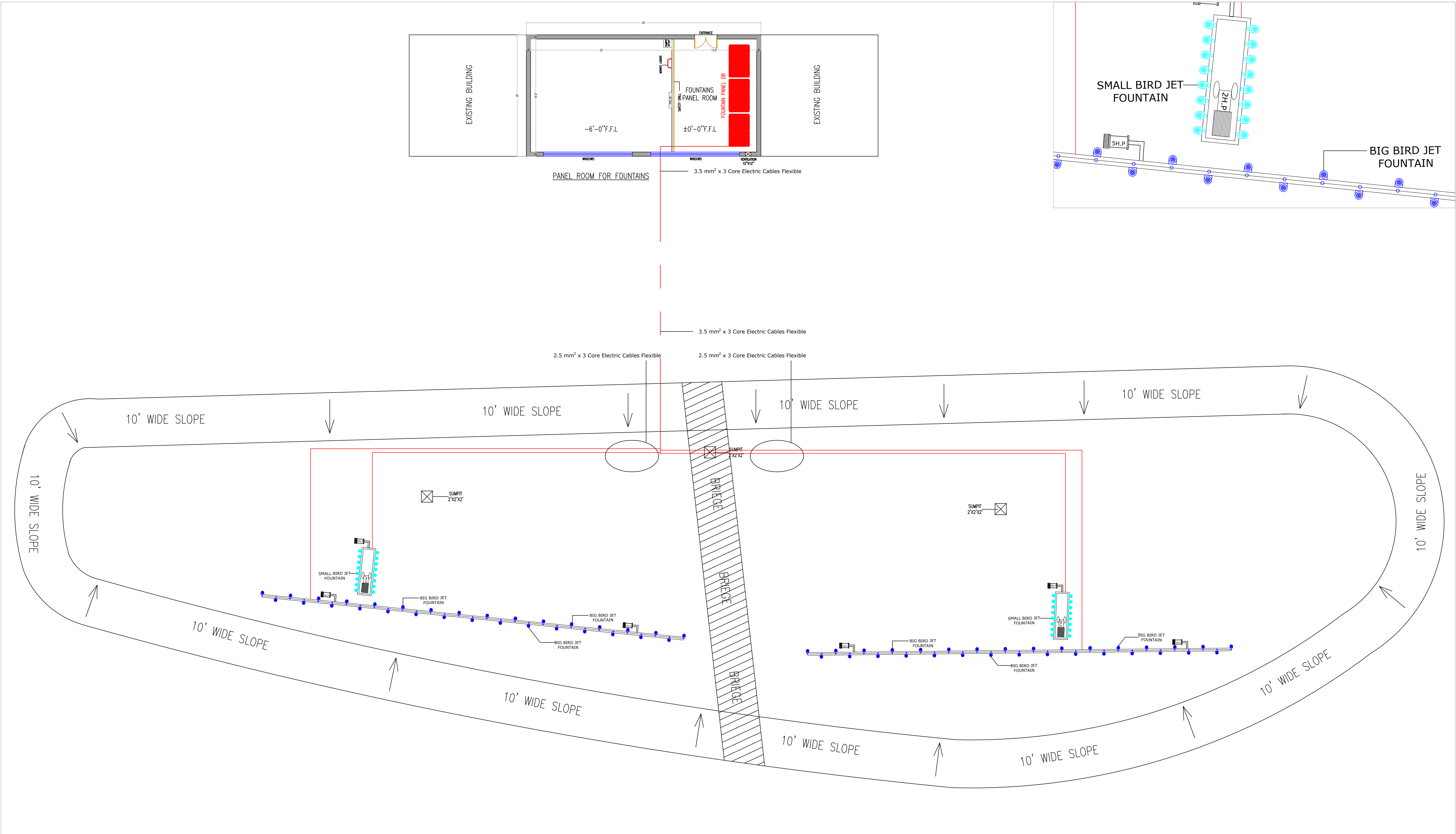
REVISION:

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UNIT:

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A . N . C O R P O R A T I O N

ADDRESS: PLOT NO.1-B, FLATE NO.8 FIRST FLOOR ALIA
MARKET SECTOR G-13/2, ISLAMABAD.

PROJECT NAME: DANCING FOUNTAIN AT
SAFARI PARK LAHORE

DRAWING TITLE: REVISED DANCING FOUNTAIN
SMALL AND BIRDS FOUNTAINS

DATE:

CLIENT NAME & ADDRESS

PD PMU WILDLIFE
PUNJAB

PROJECT NO:
-

SCALE:
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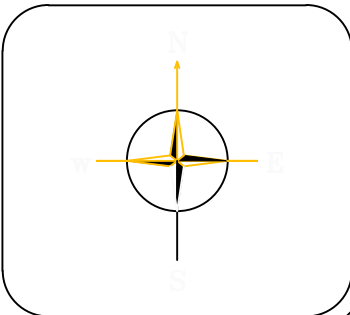
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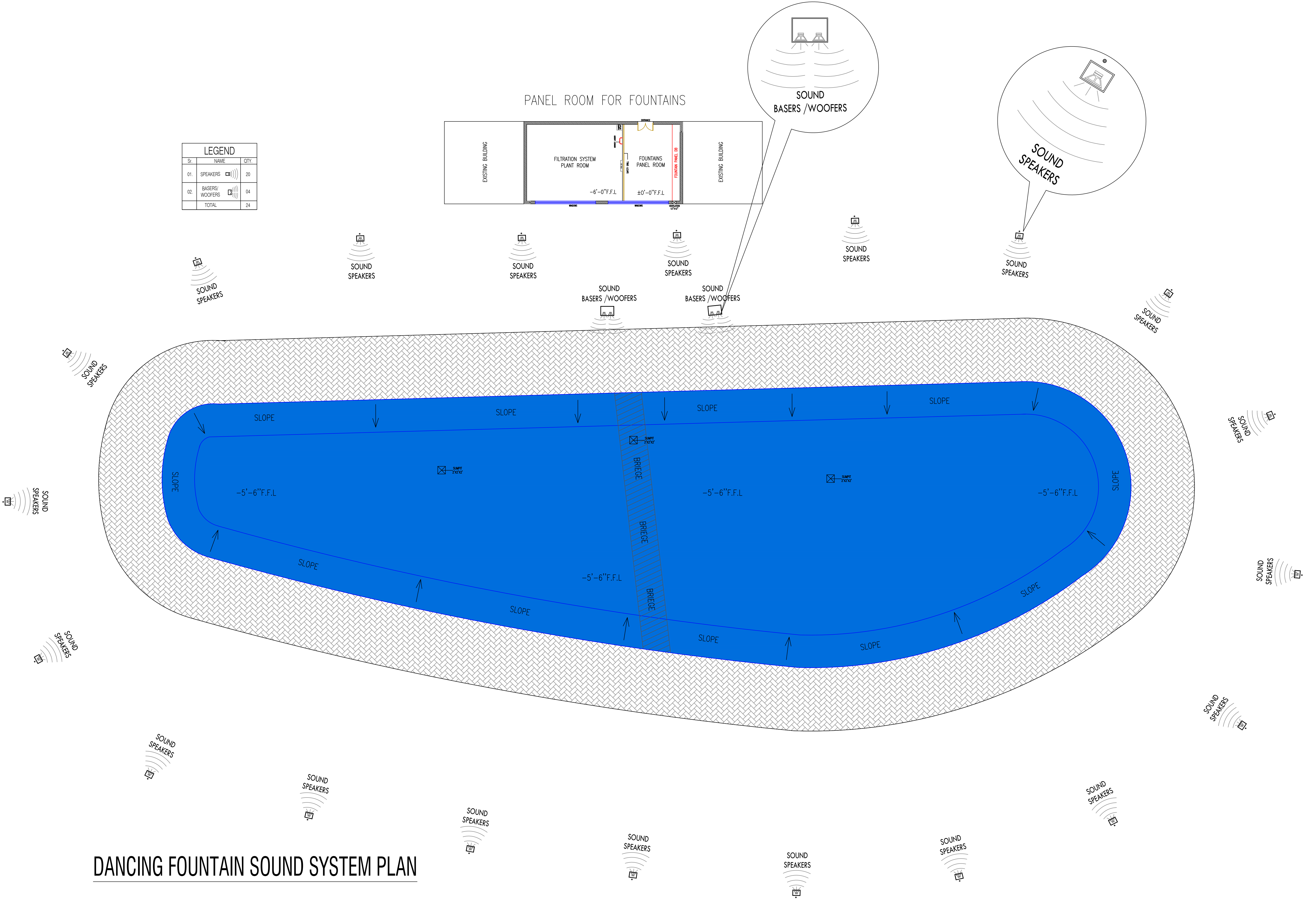
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SHEET NO:

REVISION:
-

UNIT:
-





DANCING FOUNTAIN SOUND SYSTEM PLAN

DIGITAL OUTDOOR 3D SCREEN

The baseline specifications for the procurement of 3-D screens are provided as follows;

Description	Baseline Specs
Size	20ft by 40ft (WxH) Active area or higher
Display	LED or better for anamorphic content display
PP Technology	10 or higher
Pixel Configuration	3 in 1 (SMD) or better
Brightness	6000 cd/sm or higher
Processing	16 bit processing or higher
Colour capacity	281 TC or higher
LED lifetime	Minimum 100,000 Hrs
Construction	Die Cast aluminium or better, rustproof material for outdoor use
Rating	IP – 65 rated or higher
Operating Temp.	Work under local weather conditions
Inputs	HDMI or DVI input from other video source along with other standards USB/VGA inputs etc.
Ventilation	Fan or other better ventilation mechanism
Accessories	All standard accessories and add on's
Content	Demo anamorphic content should be included
Warranty	1-year onsite warranty

Note: Provided specifications are baseline and will be finalized at the time of tendering process based on the client's requirement and feasibility of implementation site.



**No. SOP(WL)1-1/DDSC/2024-25
GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT**



Dated: 15.11.2024

Subject: **MINUTES OF 3RD DEPARTMENTAL DEVELOPMENT SUB- COMMITTEE (DDSC) MEETING 2024-25 (WILDLIFE SECTOR) HELD ON 15.11.2024 UNDER THE CHAIRMANSHIP OF THE SECRETARY FW&F DEPARTMENT.**
(List of Participants attached)

3rd meeting of DDSC of FW&F Department for the financial year 2024-25, was held on **15.11.2024** at 11:00 AM under the Chairmanship of Secretary, Forestry, Wildlife & Fisheries Department in the Committee Room of this Department. The meeting started with recitation from the Holy Quran. The Chair welcomed the participants.

2. The Director General, Wildlife & Parks Punjab gave detailed briefing on the following development schemes included in ADP 2024-25 pertaining to Wildlife & Parks Department:

AGENDA ITEM NO.1: ARCHIVES AND WILDLIFE RESOURCE MANAGEMENT SYSTEM IN PUNJAB.

1.	Name of Project	Archives and Wildlife Resource Management System in Punjab (ADP G.Sr.No.3274)
2.	Location (Name of District and Province)	Punjab Province.
3.	Sponsoring Agency	Government of the Punjab, Forest, Wildlife & Fisheries Department
4.	Execution Agency	i. Punjab Wildlife & Parks Department ii. Punjab Information and Technology Board (PITB)
5.	Operation & Maintenance	i. Punjab Wildlife & Parks Department ii. Punjab Information and Technology Board (PITB)
6.	Date of Approval by DDSC / PDWP	Not Applicable
7.	Implementation Period	24-Months (01.07.2024 to 30.06.2026) (Original)
8.	Total Cost (PC-I Scheme)	Rs.449.475m (Revenue)
9.	Funds released & utilized till end June, 2024	Not Applicable.

10.	Funds withdrawn by FD during 2023-24	Not Applicable.
11.	ADP Provision for 2024-25	Rs.250.000m
12.	Proposed Provision (2024-25) PC-1	Rs.247.824m
13.	Annual Recurring Cost	Rs.88.265m
14.	Quantitative Objectives / Target	• Integrated Digital Platform: Implement a standardized digital platform to automate workflows and improve operational efficiency across the Punjab Wildlife & Parks Department. • Enhanced Public Access: Streamline services such as licenses, permits, and information, making them more accessible and transparent to the public. • Data-Driven Decision Making: Use digitized data collection and reporting for informed decision-making, optimizing resource allocation and conservation strategies. • Creative Awareness Initiatives: Produce wildlife documentaries, photography, and 360-degree virtual tours and establishment of a department's Digital Communications Hub to raise mass public awareness and promote conservation. • Networking System: Establish a comprehensive networking infrastructure to facilitate seamless communication, collaboration, and data sharing among wildlife offices. Sustainable Conservation: Foster community engagement and support sustainable wildlife conservation practices across Punjab.
15.		Not Applicable.

The Director General Wildlife & Parks briefed the sub-committee regarding the background concept and objectives of the PC-1 scheme titled "Archives and Wildlife Resource Management System in Punjab". The scheme envisions automation of departmental services e.g. shooting and possession license, special permits, breeding farms registration, dealer licenses, import / export, private wildlife reserve and CBC registrations, etc. Moreover, an archives of the digital GIS maps of habitats and protected areas will be developed in the form

of digital atlas. Other major components of the project include wildlife photography, 3D virtual tours, and establishment of a digital communication hub to highlight the biodiversity of Punjab.

Discussion:

The Chair enquired regarding the mechanism and procedure of license issuance, which was briefed by the representative of PITB, who also explained the verification process through a QR based code. The Chair directed that a component should also be included for geo-tagging of hunters through the App to ensure sustainable / legal hunting. Furthermore, the Representatives of Finance Department and Planning & Development Board questioned the PC-1 model of hiring human resource instead of outsourcing for development of app and dashboards. The Director General, Wildlife & Parks Punjab explained that PITB being a technical department and being already engaged in a wide range of automation projects in the Government sector are well-versed with its dynamics. The Chair directed that training, capacity building of department and certifications shall be incorporated in the PC-1 to ensure smooth transition after project closure. PITB will also incorporate the project exit strategy, wherein capacity building of department will be ensured and no extension in gestation period will be accorded for training purpose.

The Representative of Finance Department also inquired regarding the fate of equipment proposed to be procured for the PITB HR component. The Director General, Wildlife & Parks Punjab replied that it will be incorporated in the PC-1 that after closure of scheme, all procured equipment shall be handed over to the client department. The Chair also directed that an Asset Management Module should also be included in the PC-1 to develop a complete inventory for the department to facilitate and streamline its asset management.

Furthermore, the department has proposed an internship programme in the project. The Chair directed that the minimum internship stipend should be Rs. 60,000/- while the house also agreed to increase the offered internships to 100 students. Further, the internship program will be integrated through web portal for applications and registration to be designed by PITB.

The Representatives of Finance Department and Planning & Development Board inquired regarding the justification for establishment of a separate communication hub in the wildlife department. The Director General, Wildlife & Parks Punjab briefed that the cornerstone of any effective wildlife conservation strategy is 'public awareness' which required a dedicated and wildlife specialist communication team. The project envisions hiring a small team of wildlife related experts, including a communication lead, wildlife photographer and content developer among others. He further stressed that the proposed communication hub would not be a duplication and rather it would be linked to the communication cell at the Administration Department to provide crucial support. Following is the justification for a dedicated digital communication hub at wildlife department:

1. Wildlife is a highly specialized field, understanding of which is congenial to those who have experience in the field. Therefore, Forest Department cell will not suffice the requirements of specialized wildlife scope.
2. The scope and workload for photography, editing and other wildlife related tasks related to communication and public awareness are enormous and need greater number of resources.

After deliberations the sub-committee agreed to delete the posts of SEO Specialist and Digital Media Monitor. The scheme was approved subject to incorporation of following decisions in the scheme:

Decisions:

1. Training, capacity building and certifications would be incorporated in the PC-1.
2. An Asset Management Module will be incorporated in the PC-1 and at project closure, all equipment / items provided to the PITB HR will be handed over to the client department.
3. Hundred (100) internships will be offered to students at a monthly stipend of Rs. 60,000/-.
4. The provision of contingent paid staff shall be deleted.
5. The posts of SEO Specialist and Digital Media Monitor will be deleted, while the PPS scale of Communication Lead will be reduced from PPS-10 to PPS-09.
6. The approval is subject to clearance of IT component from the IT Section of Planning & Development Board. While the staff component shall be placed before PDWP as per instructions of Planning & Development Board.
7. PITB will ensure capacity building of department and no extension in gestation period will be accorded for training purpose.
8. Scheme should be in line with the instructions already communicated time to time by this Department and Planning & Development Board.

"The proponent shall submit 07 copies of the PC-I Scheme at the earliest for further necessary action".

AGENDA ITEM NO.2: EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN PUNJAB

1.	Name of Project	Experience development at Captive facilities in Punjab (ADP G.Sr.No.3271)
2.	Location (Name of District and Province)	Bahawalpur, Lahore.
3.	Sponsoring Agency	Government of the Punjab, Forest, Wildlife & Fisheries Department
4.	Execution Agency	i. Forest, Wildlife & Fisheries Department ii. Punjab Wildlife & Parks Department
5.	Operation & Maintenance	i. Punjab Wildlife & Parks Department
6.	Date of Approval by DDSC / PDWP	Not Applicable.

7.	Implementation Period	12-Months (01.07.2024 to 30.06.2025) (Original)
8.	Total Cost (PC-I Scheme)	Rs. 599.427m (Revenue)
9.	Funds released & utilized till end June, 2024	Not Applicable.
10.	Funds withdrawn by FD during 2023-24	Not Applicable.
11.	ADP Provision for 2024-25	Rs.600.000m
12.	Proposed PC-1 Provision (2024-25)	Rs.599.427m
13.	Annual Recurring Cost	Rs.21.500m (1 st year)
14.	Quantitative Objectives / Target	• Enhance Visitor Engagement: Develop interactive exhibits and immersive experiences to increase visitor engagement. • Educational & Awareness Programs: Conduct educational programs at every targeted facility in the PC-I scheme, targeting local schools and community groups. • Conservation Awareness: Integrate conservation messaging into all exhibits and increase public awareness through engaging content. • Immersive & Themed Animal Exhibits: Design themed habitat exhibits replicating natural environments to enhance educational and visual appeal. • Adoption of Modern Technology: Install interactive digital displays to provide immersive wildlife experiences for visitors. • Community Engagement: Create volunteer opportunities and host community outreach programs to strengthen local involvement. • Sustainable Practices: Implement eco-friendly infrastructure upgrades and reduce the carbon footprint of facilities. • Economic Impact & Tourism Growth: Increase annual visitor numbers, boosting local tourism and generating more revenue from ticket sales. • Wildlife Welfare & Animal Care: Ensure all enclosures meet international animal welfare standards and conduct annual health assessments. • Technological Advancements: Develop a mobile app to enhance visitor experience,

		ensuring full accessibility and interactive features for all audiences. Marketing & Publicity: Run major promotional campaigns, targeting individuals through online and offline channels.
15.	Reasons for Revision	Not Applicable.

The Director General Wildlife & Parks briefed the house the sub-committee regarding the proposed project which envisions enhance visitor experience at Lahore, Safari and Bahawalpur Zoo's. It involves a major IT component (3D screens), thematic work through sculptures, photo-points, branding, dancing fountain, and a wildlife float show.

Discussion:

The Chair directed that due diligence should be ensured in purchase of IT / tech component of the project. The Director General, Wildlife & Parks Punjab explained that PITB is included in the PC-1 as technical consultant to supervise the procurement and deployment process for all tech components. Furthermore, a Service-Level-Agreement (SLA) will be included during the purchase of 3D screens and maximum warranty period will be ensured. The Chair directed to incorporate SLA in deployment of dancing fountain as well to avoid operational complications.

The Representatives of Finance Department and Planning & Development Board questioned the rationale for recurring cost in the proposed project, which was deliberated and agreed to be deleted. The Finance Department proposed to reduce the branding and publicity component. However, DG Wildlife explained that the component is already rationalized and it is essential for media marketing, promotion as well as public awareness. The scheme was approved subject to incorporation of following decisions in the scheme:

Decisions:

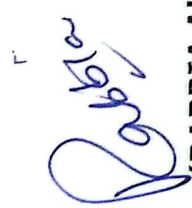
1. The approval is subject to clearance of IT component and consultancy TORs from the IT and Consultancy Sections of P&D Board.
2. Service Level Agreement will be incorporated in purchase of 3D screens and dancing fountain.
3. The proposed recurring cost will be deleted from the PC-1 as the same is included into the warranties and SLA.
4. Scheme should be in line with the instructions already communicated time to time by this Department and Planning & Development Board.

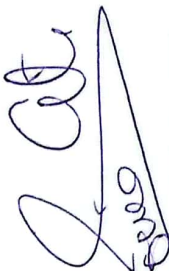
"The proponent shall submit 07 copies of the PC-I Scheme at the earliest for further necessary action".


(MUDDASIR WAHEED MALIK)
SECRETARY FW&F DEPARTMENT


(HAYAT HASSAN)
ADDITIONAL SECRETARY (TECHNICAL)
FW&F DEPARTMENT


(CAPT. (R) TAHIR ZAFAR ABBASI)
SPECIAL SECRETARY,
FW&F DEPARTMENT


(RABBIA ALI)
ASSISTANT CHIEF (FW&F)
PLANNING & DEVELOPMENT BOARD


(SONIA ATA TUNG)
SECTION OFFICER(L&DD/F&W)
FINANCE DEPARTMENT

No. & Date Even.

Copy is forwarded for information and further necessary action to the following: -

1. The Secretary Govt. of Punjab, P&D Board, Lahore.
2. The Secretary Govt. of Punjab, Finance Department, Lahore.
3. The Secretary Govt. of Punjab, Environment Department, Lahore.
4. The Secretary Govt. of Punjab C&W Department Lahore, with the request that Buildings Department will not surrender ADP Funds without approval from Administrative Department.
5. The Director General, Wildlife & Parks Punjab.
6. The Director (B&A) Forest, 24- Cooper Road, Lahore.
7. The Assistant Chief (FW&F) Govt. of Punjab, P&D Board, Lahore.
8. The Section Officer (L&DD/F&W), Govt. of Punjab, Finance Department.

CC:


SECTION OFFICER (WILDLIFE)

PS to Secretary, FW&F Department.

**EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN
PUNJAB**

**ANNOTATED REPLY ON THE DECISIONS OF DDSC MEETING
HELD ON 15.11.2024**

Sr #	Observations	Reply
1.	The approval is subject to clearance of IT component and consultancy TORs from the IT and Consultancy Sections of P&D Board.	IT component and consultancy TORs have been cleared by the IT and consultancy sections of P&D Board respectively. The clearance letters are attached along with this reply.
2.	Service Level Agreement will be incorporated in purchase of 3D screens and dancing fountain.	Noted for compliance as SLA will be made part of the procurement of 3D screens and dancing fountain.
3.	The proposed recurring cost will be deleted from the PC-I as the same is included into the warranties and SLA.	The previously proposed recurring cost is deleted from the PC-I scheme.
4.	Scheme should be in line with the instructions already communicated time to time by this Department and Planning & Development Board.	Noted for compliance. PC-I scheme is line with the instructions already communicated time to time by this Department and Planning & Development Board.



OFFICE OF THE
DEPUTY CHIEF WILDLIFE RANGER
SAFARI ZOO, RAIWIND ROAD, LAHORE
Ph: 042-35321143 E-mail: safarizoolahore@gmail.com



NO. 10677/DCWR/SZL/A/2025

Dated Lahore, the: 30/04/2025

To,
Project Director,
PMU

SUBJECT: **ELECTRICITY LOAD MANAGEMENT FOR DANCING FOUNTAIN
FACILITY AT SAFARI ZOO**

It is hereby informed that Installation of a dancing fountain facility is under process at Safari Zoo, Lahore. Whereas, the existing supply of electricity in Safari Zoo is not enough to run it properly. For this a separate electricity transformer is required.

Therefore, a separate electricity transformer may kindly be installed for proper working of Dancing Fountain in Safari Zoo, Lahore.


(ADNAN ALI)
DEPUTY CHIEF WILDLIFE RANGER
SAFARI ZOO LAHORE



ENGINEERING CONSULTANCY SERVICES PUNJAB (PVT.) LIMITED



ECSP/WLP/25860-A

May 02, 2025

Project Director,
Project Management Unit,
Wildlife & Parks Department, Punjab.
Address: 28- Aibak Block, New Garden Town, Lahore.

Subject: **ELECTRICITY LOAD MANAGEMENT FOR DANCING FOUNTAIN
FACILITY AT SAFARI ZOO LAHORE.**

Reference: **10677/DCWR/SZL/A/2025 DATED APRIL 30,2025.**

This is with reference to the above-mentioned subject technical team of Engineering Consultancy Services Punjab in coordination with the Client, visited the site on May 01,2025 for load calculation and to propose the transformer to be installed for the effective functioning of the dancing fountains in reference to our visit It is to inform you that 630 kVA three phase outdoor transformer is required including all accessories, supply, Installation, testing, commissioning and Connection Charges as per WAPDA / LECSO (as required) standards and practice complete is all respect. For the same the details are attached at Annex 'A'.

Furthermore, the load calculation for the dancing fountains as per the equipment installed is site attached at Annex 'B'.

Submitted for your review, and further necessary action in this regard please.

Assuring you of our best professional services always.

Please put up.

Assb. M. (MEP)

[Signature]

For and on behalf of ECSP,

[Signature]

Talal Ahmad Khan
General Manager (P&MS)

Cc:

1. Director General Wildlife & Parks Department, Punjab.
2. Managing Director, ECSP.
3. Senior General Manager (C.&CM), ECSP
4. Office Copy.

83-A, E/1, Main Boulevard, Gulberg III, Lahore, Pakistan.

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TÜV
AUSTRIA
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

**LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND
ALLIED EQUIPMENT**

SR. NO.	DESCRIPTION	TOTAL AMOUNT
1	Transformer (630 KVA)	6,610,240
2	HT (CONDUCTOR AND POLES)	1,171,063
3	LT NETWORK (CONDUCTOR AND POLES)	1,804,629
Total Cost		9,585,931



LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND ALLIED EQUIPMENT

SR. NO.	DESCRIPTION	UNIT	QTY	UNIT RATE	TOTAL AMOUNT
1	Transformer (630 KVA)	NO.	1	3,955,800	3,955,800
2	Steel X-Arm for D-Fuse	NO.	1	10,068	10,068
3	Drop-out Cut-out Assembly	NO.	3	5,925	17,775
4	3 - C HT Cable 2-AWG (70 mm ²)	MTR.	15	784	11,760
5	T-Kit for HT Cable 3/C 2/0 AWG (O/D)	NO.	2	11,200	22,400
6	G.S Standard Wire 10 MM	KG	10	304	3,041
7	Earthing Set with Clamp	NO.	2	1,920	3,840
8	P.G Conector T-150	NO.	6	349	2,092
9	3/P whole current S/Meter	NO.	1	28,812	28,812
10	LT CT 800/5 Amp	NO.	3	4,418	13,255
11	Electrical Panel (IP67)	NO.	1	41,300	41,300
12	LT Serive Box 3/Phase	NO.	1	23,471	23,471
a	Cost of Material Sub Station				4,133,614
b	Installation Cost 8%				330,689
c	Preparation of Pad for 630 KVA T/F				100,000
WAPDA SCHEDULE ITEMS TOTAL COST (a+b+c)					4,564,303
13	TRANSFORMER PROTECTION PANEL P/F Pole mounted Electric Panel board of required depth and size, fabricarted with 14SWG M.S sheet (Indoor/Outdoor Type),derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of 4P MCCB 1000Amp (50KA) capacitor trip unit over current, Lock, Indication lights, Brass glands, Netural & Earth bar, Digital volt meter/ Amp meter, Selector switchs, Current Transformers, Controles, Channels, Copper bus bars of 900Amps at 1.55Amp/1mm ² , Door Earthing, complete in all respects as approved and directed by the Engineer <i>Isakheroo</i>	NO.	1	983,251	983,251
14	Supply and installation of Cable 4 Core 240mm ² Aluminum XLPE/PVC/Non-Armoured	Meter	25	11,307	282,685
15	Supply and installation of Cable 4 Core 150mm ² Aluminum PVC/PVC/SWA/XLPE	Meter	150	5,200	780,000
Total Cost					6,610,240



LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND ALLIED EQUIPMENT

Sr. No.	Description of Material	Unit	Quantity	Unit Price	Total Price
1	H.T Steel Structure 36'	EA	2	62,210	124,421
2	11 KV Steel-X-arms with braces	EA	6	9,020	54,121
3	Pin Insulators	EA	6	944	5,662
4	Dead End Clamp for ACSR Osprey	EA	3	1,506	4,518
5	Eye Nut	EA	10	148	1,475
6	Double Arming Bolt	EA	10	402	4,025
7	Anchor Shackles	EA	10	230	2,300
8	P.G Connectors T-220	EA	8	634	5,069
9	Nut & Bolts 5 / 8 x 2"	EA	12	57	683
10	Nut & Bolts 5 / 8 x 10"	EA	6	157	944
11	Stay Assembly Complete	EA	2	4,411	8,822
12	Stay Strip	EA	2	63	126
13	GS Wire 10mm	KG	10	304	3,041
14	Earthing Unit Complete	EA	2	1,920	3,840
15	ACSR Osprey	MTR	600	1,049	629,244
Total Cost Of Material					848,292
Sub Total 11 kV Cost (Rs.)					848,292
12% Store Charges					101,795
8% Of Installation Charges					67,863
Total 11 kV Cost (Rs.)					1,017,951



LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND ALLIED EQUIPMENT

CONTRACT WORK

Sr. No	Description of Material	Unit	Quantity	Unit Price	Total price
16	Foundation of 36' Steel Structure	EA	2	75,000	150,000
17	Contract Work For Earthing	EA	2	756	1,512
18	Contract Work For Stay	EA	2	800	1,600
Total Contract Work (Rs)					153,112
G.TOTAL				Rs.	1,171,063



LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND ALLIED EQUIPMENT

Sr. No.	Description of Material	Unit	Quantity	Unit Price	Total Price
1	LT Structure Pole 31'	EA	3	44,951	134,853
2	Pin Insulators	EA	12	944	11,324
3	D-Shackle	EA	12	309	3,704
4	Dead End Clamp for ACSR Dog	EA	10	531	5,311
5	Eye Nut	EA	10	148	1,475
6	Double Arming Bolt	EA	12	402	4,830
7	Anchor Shackles	EA	12	230	2,760
8	P.G Connector T-155	EA	10	430	4,305
9	P.G Connector T-150	EA	12	349	4,184
10	Clamp D.E Loop (LC-16)	EA	10	145	1,450
11	Nut & Bolts 5 / 8 x 2"	EA	10	57	570
12	Nut & Bolts 5 / 8 x 10"	EA	12	157	1,887
13	M.S Clamp Assmenbly	EA	10	176	1,760
14	Round Warshers	EA	10	7	70
15	Square Warshers	EA	12	15	180
16	Stay Assembly Complete	EA	5	4,411	22,055
17	Stay Strip	EA	5	63	315
18	GS Wire 10mm	KG	25	304	7,604
19	Earthing Unit Complete	EA	5	1,920	9,600
20	ACSR Osprey	MTR	1200	1,049	1,258,488
Sub Total 11 kV Cost (Rs.)					1,476,724
12% Store Charges					177,207
8% Of Installation Charges					118,138
Total 11 kV Cost (Rs.)					1,772,069



LAHORE SAFARI PARK 630KVA DISTRIBUTION TRANSFORMER AND ALLIED EQUIPMENT

CONTRACT WORK

Sr. No	Description of Material	Unit	Quantity	Unit Price	Total price
21	Contract Work For L.T 31' Structure Pole	EA	3	7,000	21,000
22	Contract Work For Earthing	EA	10	756	7,560
23	Contract Work For Stay	EA	5	800	4,000
Total Contract Work (Rs)					32,560
G-Total					1,804,629



Sr No.	Description	Quantity	Phase	Load (KW)
1	Dancing Fountain Motor 1	24	3-Phase	89
2	Dancing Fountain Motor 2	22	3-Phase	123.7
3	Dancing Fountain Motor 3	4	3-Phase	29.8
4	Fountain Motor (Inside)	14	3-Phase	31.3
5	Motor (Filtration)	8	3-Phase	20.2
6	Lights			
	future extension load	1	3-Phase	50
TOTAL CONNECTED LOAD (KW)				344
TOTAL KVA				430
TRANSFORMER PROPOSED				630KVA





No. SOP(WL)1-3/2024
GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE & FISHERIES
DEPARTMENT



Dated: .06.2025

Subject: MINUTES OF DEPARTMENTAL DEVELOPMENT SUB-COMMITTEE (DDSC) MEETING 2024-25 (WILDLIFE SECTOR) HELD ON 27.05.2025 UNDER THE CHAIRMANSHIP OF THE SECRETARY FW&F DEPARTMENT.
 (List of Participants attached)

Meeting of DDSC of FW&F Department for the financial year 2024-25, was held on **27.05.2025** at 11:00 AM under the Chairmanship of Secretary, Forestry, Wildlife & Fisheries Department in the Committee Room of this Department. The meeting started with recitation from the Holy Quran. The Chair welcomed the participants.

2. The Director General, Wildlife & Parks Punjab gave detailed briefing on the development scheme included in ADP 2024-25:

AGENDA ITEM: EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN PUNJAB

1.	Name of Project	Experience development at Captive facilities in Punjab (ADP G.Sr.No.3271)
2.	Location (Name of District and Province)	Bahawalpur and Lahore Districts, Punjab Province
3.	Sponsoring Agency	Government of the Punjab, Forest, Wildlife & Fisheries Department
4.	Execution Agency	Punjab Wildlife & Parks Department
5.	Operation & Maintenance	Punjab Wildlife & Parks Department
6.	Date of Approval by DDSC / PDWP	15.11.2024 by DDSC (Original)
7.	Implementation Period	12-Months (01.07.2024 to 30.06.2025) (Original) 24-Months (01.07.2024 to 30.06.2026) (Revised)
8.	Total Cost (PC-I Scheme)	Rs.599.361 million (Original) Rs.599.361 million (Proposed 1 st Revised)
9.	Funds released & utilized till end June, 2024	Not Applicable
10.	Funds withdrawn by FD during 2023-24	Not Applicable
11.	ADP Provision for 2024-25	Rs.600.000 million
12.	Proposed PC-1 Provision (2024-25)	Rs.204.811 million
13.	Annual Recurring Cost	-
14.	Quantitative Objectives / Target	Enhance Visitor Engagement: Develop interactive exhibits and immersive experiences to increase visitor engagement. Educational & Awareness Programs: Conduct educational programs at every targeted facility in the PC-I scheme, targeting local schools and community groups.

		Conservation Awareness: Integrate conservation messaging into all exhibits and increase public awareness through engaging content. • Immersive & Themed Animal Exhibits: Design themed habitat exhibits replicating natural environments to enhance educational and visual appeal. • Adoption of Modern Technology: Install interactive digital displays to provide Immersive wildlife experiences for visitors. • Community Engagement: Create volunteer opportunities and host community outreach programs to strengthen local involvement. • Sustainable Practices: Implement eco-friendly infrastructure upgrades and reduce the carbon footprint of facilities. • Economic Impact & Tourism Growth: Increase annual visitor numbers, boosting local tourism and generating more revenue from ticket sales. • Wildlife Welfare & Animal Care: Ensure all enclosures meet international animal welfare standards and conduct annual health assessments. • Technological Advancements: Develop a mobile app to enhance visitor experience, ensuring full accessibility and interactive features for all audiences. • Marketing & Publicity: Run major promotional campaigns, targeting individuals through online and offline channels.
15.	Reasons for Revision	The original PC-I scheme was approved by DDSC during its meeting held on 15.11.2024 at a total cost of Rs.599.361m with its gestation period starting from 01.07.2024 to 30.06.2025. Now the PC-I scheme is revised due to the following major reasons; 1. Increase in Gestation Period: It is stated that the approved gestation period of the scheme was one year, starting from July 2024 to June 2025. There are certain heads which are under procurement and are interlinked with one another. The procurement of 3D screens and 15 SMD screens is under process. As these screens needs to be imported and it will take the considerable time to be delivered. Moreover, the procurement process was initiated after location has been decided for installation of the screens. In addition, there are some heads in this PC-I i.e. (i) Development of QR Based Mobile App, (ii) Branding, Advertisement & Publicity, (iii) Services Rendered for Media Promotion under services and commodities, all of these heads meant to project initiatives undertaken under this PC-1. Since they are in execution phase, It is requested that all of these heads may be executed in next financial year. Therefore, in the best interest of this project, the gestation period of this PC-1 may be increased to one year till FY 2025-26. 2. Revision for specifications of Generators: It is stated that two 20 KVA generators under Machinery,

5.2025 Tools and Equipment's under this PC 1 have been approved for supplying power to two 3D Screens 40"x20". While procuring the generators and 3D Screens, the specifications of generators were compared for power supply requirements to 3D Screens and it was found that the current provision of 20 KVA generator in PC-1 is not sufficient for the power supply needs of 3D screens. As a result, advice from Engineering Consultancy Services Punjab (Pvt.) Ltd. regarding power supply requirement for 3D screens was sought and it was proposed by Engineering Consultancy Services Punjab (Pvt.) Ltd. that 70 KVA generator would be sufficient for supply of power to 3D screens. Therefore, it is proposed that the specifications of 20 KVA generators may be revised to 70 KVA generators.

3. Revision for cost of generators: It is stated that PKR 7 million were allocated for purchase of two 20 KVA generators in PC-1 since the specifications of generators need amendment from 20 KVA to 70 KVA. Therefore, the cost of generators will also be increased as per quotations obtained from the market. The revised estimate as per quotations suggests that the budget needs to be increased to PKR 10 million to cover the procurement of generators. These generators are essential for ensuring the smooth operation of the 3D screens, as well as other allied items that contribute to its display. The budget adjustment reflects the necessary investment to maintain uninterrupted functionality and efficiency of the system. Additional amount of Rs.3.000 million will be shifted from the Consultancy for Wildlife Floats without burdening the government exchequer for assurance of smooth operations and timely implementation of project.

4. Dancing Fountain for Safari Zoo: There is a provision of Dancing Fountain for Safari Zoo in PC-1. It was reported by Deputy Director, Lahore Safari Zoo that the transformer which is currently managing the load of whole facility would not be sufficient for load management of Dancing Fountain. So, another transformer may be added to manage the load. Assistant Manager MEP conducted a joint visit with Engineering Consultancy Services Punjab (Pvt.) Ltd team and found that after load calculation there is need of 630KVA transformer for the load management. To ensure smooth functionality, Electrification of Dancing Fountain has been added as a separate head in the PC-1 as electrification cost. The installation of a 630 KVA transformer is necessary to meet the required load capacity, allowing the fountain to operate efficiently. The estimated budget for this installation and electrification is approximately PKR 11 million. Additional amount of Rs.6.000 million will be shifted from the Procurement of 3D Screens with Poles complete in all respect, Rs.0.450 million from Procurement of Digital Display Screen of different

Minutes of DDSC Meeting held on 27.05.2022	Rs.2.050 million from Dancing Fountain from Safari Zoo and Rs.2.500 million will be shifted from Services rendered for Media Promotion. Therefore, it is requested that the revised PC-I scheme may kindly approved so that all the components can be completed and objectives can be met.
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Discussion:

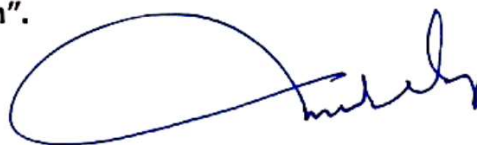
Wildlife & Parks Department, Punjab briefed the sub-committee regarding the proposed project which envisions to enrich visitor experience at Lahore, Safari and Bahawalpur Zoo's. It involves a major IT component (3D screens), thematic work through sculptures, photo-points, branding, dancing fountain, and a wildlife float show. It was apprised that 3D screens which are to be delivered by the contractor are not readily available rather are to be imported which require time. Similarly, installation of a 630 KVA transformer which is essentially required to meet the required load needs of dancing fountains. On the query of Planning & Development Board and Finance Department, Wildlife & Parks Department, Punjab explained that cost variation shall be adjusted through savings within the scheme, keeping the overall cost of the project intact and that in view of short span, some components are proposed to be executed in the next financial year.

Following are the decisions made by the committee:

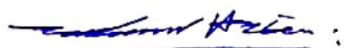
Decisions:

1. Departmental Development Sub-Committee (DDSC) approved the revised project with a total cost of Rs.600 million without any escalation in cost.
2. Project Management Unit (PMU), Wildlife & Parks Department, Punjab shall vigorously complete all components of the project within given timeline. A monthly report in this respect shall be submitted to Administrative Department without fail.
3. Scheme should be in line with the instructions already communicated time to time by this Department and Planning & Development Board.

"The proponent shall submit 06 copies of the PC-I Scheme at the earliest for further necessary action".



(MUDDASSIR RIAZ MALIK)
SECRETARY FW&F DEPARTMENT



(MUDASSER HASAN)
DEPUTY SECRETARY (WILDLIFE)
FW&F DEPARTMENT



(RABBIA ALI)
ASSISTANT CHIEF (FW&F)
PLANNING & DEVELOPMENT BOARD



(CAPT. (R) TAHIR ZAFAR ABBASI)
SPECIAL SECRETARY,
FW&F DEPARTMENT



(SONIA ATA TUNG)
SECTION OFFICER (L&DD/F&W)
FINANCE DEPARTMENT

No. & Date Even.

Copy is forwarded for information and necessary action to:

1. The Secretary Govt. of Punjab, Planning & Development Board.
2. The Secretary Govt. of Punjab, Finance Department.
3. The Director General, Wildlife & Parks Punjab.
4. The Project Director, Project Management Unit (PMU), Wildlife & Parks Department, Punjab.
5. The Director (B&A) Forest, 24- Cooper Road, Lahore.
6. The Assistant Chief (FW&F) Govt. of Punjab, Planning & Development Board.
7. The Section Officer (L&DD/F&W), Govt. of Punjab, Finance Department.



SECTION OFFICER (WILDLIFE)

C.C.

PS to the Secretary, FW&F Department.

**ANNOTATED REPLY ON THE DECISIONS OF DDSC MEETING
HELD ON 06.11.2024**

Sr. No.	Decision / Observation	Reply
1.	Departmental Development Sub-Committee (DDSC) approved the revised project with a total cost of Rs.600 million without any escalation in cost.	Accordingly, Scheme is amended.
2.	Project Management Unit (PMU), Wildlife & Parks Department, Punjab shall vigorously complete all components of the project within given timeline. A monthly report in this respect shall be submitted to Administrative Department without fail.	Noted for Compliance.
3.	Scheme should be in line with the instructions already communicated time to time by this Department and Planning & Development Board.	Scheme is in line with the already communicated instructions of Administrative Department and Planning & Development Board.



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BEAUTIFICATION OF AFRICAN VILLAGE ON TURNKEY BASIS					
Sr No.	Description	UNIT	QTY	RATE (PKR)	AMOUNT
Description of Works					
1	Provision and Fixing of African-Themed Gateway. Top Notch Quality and Should be Durable, Double Side.	Each	1	1,200,000	1,200,000
	Size: Height 13 feet, Width 15 feet				
	Design and placement of an iconic African-themed entrance archway for the Safari Park, reflecting authentic aesthetics, crafted with premium, long-lasting materials				
2	Provision and Fixing of African-Themed Trees	Each	4	1,643,000	6,572,000
	Size: Height 15 feet, Dia 4'				
	Placement of lifelike African-themed decorative trees to enhance the immersive Safari Park experience, crafted with high-quality, weather-resistant materials				
4	Provision and Fixing of Metal Poles with African Patterns theming of pole.	Each	16	35,000	560,000
	Size: Height 8.5', Dia 8"				
	Installation of decorative metal poles with authentic African patterns, crafted for durability and to enhance the Safari Park's thematic ambiance.				
5	Provision and Fixing of Natural thatch roofing on Existing huts.	Each	8	120,000	960,000
	Size : 10x10 ft.				
	Installation of natural thatch roofing with dried grass or palm leaves, reflecting traditional African style and built for outdoor durability in the Safari Park				
6	Provision and Fixing of Bamboo Fencing	Each	1	1,409,400	1,409,400
	Size: Height 7'-3" feet, Length 162 feet.				
	Installation of eco-friendly bamboo fencing, crafted from sustainably sourced natural bamboo, designed to enhance the authentic African ambiance of the Safari Park and withstand outdoor conditions				
	Provision and Fixing of Bamboo on Benches				
	Size: Height 10 feet, Length 4 feet.				





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BEAUTIFICATION OF AFRICAN VILLAGE ON TURNKEY BASIS					
Sr No.	Description	UNIT	QTY	RATE (PKR)	AMOUNT
7	Installation of eco-friendly bamboo works on benches, crafted from sustainably sourced natural bamboo, designed to enhance the authentic African ambiance of the Safari Park and withstand outdoor conditions	Each	17	48,000	816,000
8	Provision and Fixing of Rope Fencing with Metal Posts Size: Height 3 feet, Length 190 feet, Pole Size 4" Dia, Spacing 7'.	Each	1	990,000	990,000
	Installation of rope fencing supported by metal posts, designed to blend with the African Safari theme and withstand outdoor conditions				
9	Provision and Fixing of Speakers Poles Height 8 feet.	Each	2	1,390,000	2,780,000
	Installation of Speaker poles, designed to complement the Safari Park's ambiance and crafted for outdoor durability				
10	Provision and Fixing of Potted Planters with African Patterns.	Each	15	43,000	645,000
	Placement of potted planters featuring authentic African patterns, designed to enhance the Safari Park's thematic atmosphere				
11	Provision and Fixing of African-Themed Sculptures.	Each	3	2,200,000	6,600,000
	Installation of African-themed sculptures, crafted from durable materials such as bronze, stone, or weather-resistant resin, to enhance the Safari Park's ambiance and create an immersive cultural experience				
12	Provision and Fixing of African-Themed Sign Boards.	Each	1	905,000	905,000
	Installation of African-themed sign boards, made from durable materials such as wood, metal, or weather-resistant acrylic, to complement the Safari Park's theme and provide clear, stylish directions				
13	Providing and installation of 1.5 Ton Split Air Conditioners for Control rooms.	Each	3	250,000	750,000
Description of Works					
14	Providing and fixing of three steps M.S benches with wooden planks.	Each	14	250,000	3,500,000
	Size: 10'x4'				
15	Fabrication of M.S benches Complete with all respects	Each	17	14,706	250,002
	Size: 10'x6-6"				
16	Provision and fixing of Premium Quality outdoor Mist Pedestal Fan 24"	Each	7	22,500	157,500





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BEAUTIFICATION OF AFRICAN VILLAGE ON TURNKEY BASIS					
Sr No.	Description	UNIT	QTY	RATE (PKR)	AMOUNT
17	Provision and fixing of Premium Quality outdoor Pedestal Fan 24"	Each	5	18,500	92,500
18	Provision of Office furniture for Control room. 1x Revolving Chair	Each	1	35,000	35,000
19	Provision of Office furniture for Control room. 6x Office Chairs	Each	6	25,000	150,000
20	Provision of Office furniture for Control room. 1x Office table 6'-6"x3' with two drawers	Each	1	150,000	150,000
21	Provision of Office furniture for Control room. 2x Tables 12'-6"x1'-6" with three Drawers.	Each	2	90,000	180,000
SUB-TOTAL					28,702,402
Adding 5% PRA					1,435,120.10
NET TOTAL AMOUNT (PKR)					30,137,522
NET TOTAL AMOUNT (million)					30.14



BEAUTIFICATION OF AFRICAN VILLAGE ON TURNKEY BASIS					
Sr No.	Description	UNIT	QTY	RATE (PKR)	AMOUNT
	Description of Works				
1	Provision and Fixing of African-Themed Gateway. Top Notch Quality and Should be Durable, Double Side.	Each	1	1,200,000	1,200,000
	Size: Height 13 feet, Width 15 feet				
	Design and placement of an iconic African-themed entrance archway for the Safari				
	Park, reflecting authentic aesthetics, crafted with premium, long-lasting materials				
2	Provision and Fixing of African-Themed Trees	Each	4	1,643,000	6,572,000
	Size: Height 15 feet, Dia 4'				
	Placement of lifelike African-themed decorative trees to enhance the immersive				
	Safari Park experience, crafted with high-quality, weather-resistant materials				
4	Provision and Fixing of Metal Poles with African Patterns theming of pole.	Each	16	35,000	560,000
	Size: Height 8.5', Dia 8"				
	Installation of decorative metal poles with authentic African patterns, crafted for durability and to enhance the Safari Park's thematic ambiance.				
5	Provision and Fixing of Natural thatch roofing on Existing huts.	Each	8	120,000	960,000
	Size : 10x10 ft.				
	Installation of natural thatch roofing with dried grass or palm leaves, reflecting traditional African style and built for outdoor durability in the Safari Park				
6	Provision and Fixing of Bamboo Fencing	Each	1	1,409,400	1,409,400
	Size: Height 7'-3" feet, Length 162 feet.				
	Installation of eco-friendly bamboo fencing, crafted from sustainably sourced natural bamboo, designed to enhance the authentic African ambiance of the Safari Park and withstand outdoor conditions				
7	Provision and Fixing of Bamboo on Benches	Each	17	48,000	816,000
	Size: Height 10 feet, Length 4 feet.				
	Installation of eco-friendly bamboo works on benches, crafted from sustainably sourced natural bamboo, designed to enhance the authentic African ambiance of the Safari Park and withstand outdoor conditions				
8	Provision and Fixing of Rope Fencing with Metal Posts	Each	1	990,000	990,000
	Size: Height 3 feet, Length 190 feet, Pole Size 4" Dia, Spacing 7'.				
	Installation of rope fencing supported by metal posts, designed to blend with the African Safari theme and withstand outdoor conditions				
	Provision and Fixing of Speakers Poles Height 8 feet.				

Annexure 23 - Detail of African Village

9	Installation of Speaker poles, designed to complement the Safari Park's ambiance and crafted for outdoor durability	Each	2	1,390,000	2,780,000
10	Provision and Fixing of Potted Planters with African Patterns.	Each	15	43,000	645,000
	Placement of potted planters featuring authentic African patterns, designed to enhance the Safari Park's thematic atmosphere				
11	Provision and Fixing of African-Themed Sculptures.	Each	3	2,200,000	6,600,000
	Installation of African-themed sculptures, crafted from durable materials such as bronze, stone, or weather-resistant resin, to enhance the Safari Park's ambiance and create an immersive cultural experience				
12	Provision and Fixing of African-Themed Sign Boards.	Each	1	905,000	905,000
	Installation of African-themed sign boards, made from durable materials such as wood, metal, or weather-resistant acrylic, to complement the Safari Park's theme and provide clear, stylish directions				
13	Providing and installation of 1.5 Ton Split Air Conditioners for Control rooms.	Each	3	250,000	750,000
					24,187,400

BEAUTIFICATION OF AFRICAN VILLAGE ON TURNKEY BASIS

Sr no.	Description	UNIT	QTY	RATE (PKR)	AMOUNT
	Description of Works				
14	Providing and fixing of three steps M.S benches with wooden planks. Size: 10'x4'	Each	14	250,000	3,500,000
15	Fabrication of M.S benches Complete with all respects Size: 10'x6-6"	Each	17	14,706	250,002
16	Provision and fixing of Premium Quality outdoor Mist Pedestal Fan 24"	Each	7	22,500	157,500
17	Provision and fixing of Premium Quality outdoor Pedestal Fan 24"	Each	5	18,500	92,500
18	Provision of Office furniture for Control room. 1x Revolving Chair	Each	1	35,000	35,000
19	Provision of Office furniture for Control room. 6x Office Chairs	Each	6	25,000	150,000
20	Provision of Office furniture for Control room. 1x Office table 6'-6"x3' with two drawers	Each	1	150,000	150,000
21	Provision of Office furniture for Control room. 2x Tables 12'-6"x1'-6" with three Drawers.	Each	2	90,000	180,000
					4,515,002
				SUB-TOTAL	28,702,402
				Adding 5% PRA	1,435,120.10
				NET TOTAL AMOUNT (PKR)	30,137,522
				NET TOTAL AMOUNT (million)	30.1375221



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Quotation for Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

SUMMARY OF COST

S/No.	Item Description	Amount (Rs).	Amount (Millions)
Schedule Items			
1	CIVIL WORKS	26,666,526.43	
2	ELECTRICAL	680,905.08	
3	Networking	2,637,768.05	
4	PLUMBING	3,991,245.95	
Sub Total		33,976,445.51	33.98
Non-Schedule Items			
1	CIVIL WORKS	54,052,771.64	
2	ELECTRICAL	5,689,250.00	
3	PLUMBING	2,810,264.00	
4	Networking	927,450.00	
5	Sound and CCTV, Wifi	6,078,000.00	
6	Furniture	11,089,000.00	
Sub Total		80,646,735.64	80.65
Total		114,623,181.15	114.62
	Adding 5% PRA	5,731,159.06	5.73
	Grand Total Amount	120,354,340.21	120.35





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Quotation for Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Description	Unit	QTY	Rate	Amount
Civil Works						
1	C.3/21.1	Excavation in foundation of building, bridges and other structures, including dig belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5 ft. in ordinary soil. By Manual	Cft	3,492.13	17.09	59,674.13
2	C.3/15i	Filling, watering and ramming earth under floors:- With surplus earth from foundation, etc.	Cft	997.75	8.15	8,131.66
3	C.26/43	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/MsHextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect. as approved by the Engineer Incharge.	Sft	3,643.75	12.70	46,275.63
4	C.18/3/ii	Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work except gravel and aggregate.				
5		Crushed stone aggregate.	Cft	8,133.63	103.89	845,002.30
6	C.6/5i	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 4: 8	Cft	305.44	387.37	118,316.41
7	C.7/4i	Pacca brick work in foundation and plinth in cement, sand mortar Ratio 1:4	Cft	864.94	434.95	376,205.00
8	C.6/6a3	Providing and laying Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)	Cft	1,522.37	785.90	1,196,428.95
9	C.6/12bii	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Grade-60	Kgs	4,864.25	284.44	1,383,576.35
10	C.6/39ai	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating: a) with one coat of bitumen and one coat of polythene sheet 500 gauge: Ratio 1: 4 a) ½" thick (13 mm)	Sft	1,050.00	78.96	82,904.33
11	C.10/3	Supplying and filling sand under floor; or plugging in wells	Cft	7,127.76	54.77	390,366.03
12	C.10/4	Providing, laying, watering and ramming brick or stone ballast 1½" to 2" (40mm to 50mm) gauge mixed with 25% sand, for floor foundation, complete in all respects	Cft	946.03	148.99	140,952.79
13	C.6/5f	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.	Cft	103.22	508.80	52,517.06

Quotation for Giraffe Cafeteria Lahore Safari
Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Description	Unit	QTY	Rate	Amount
14	C.7/5i	Pacca brick work in ground floor:-Cement, sand mortar Ratio 1:4	Cft	727.85	445.23	324,058.43
15	C.11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	Sft	1,599.78	49.71	79,525.06
16	C.25/9	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings, etc. including cutting, drilling, riveting, handling, assembling and fixing, but excluding erection in position.	Kgs	6,682.00	483.27	3,229,210.14
17	C.25/16	Making bolts and nuts of iron rods.	Kgs	1,130.00	514.72	581,633.60
18	C.25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, re-rolling, handling, assembling and fixing, but excluding erection in position.	Kgs	32,172.79	352.97	11,356,030.89
19	C.25/11	Erecting rolled steel beams or old rails, in roofs, etc., erection and fixing in position.	Kgs	32,172.79	20.18	649,246.97
20	C.9/13a	Providing & Fixing corrugated galvanized iron sheets with G.I bolts nuts, limpet and bitumen washers, wind ties, complete in all respects without valleys and ridges:- 20 BWG	Sft	3,384.00	441.62	1,494,442.08
21	C.25/20	Bending rolled steel beams or rails	P bend	250.00	1,662.35	415,587.50
22	C.25/12	Drilling holes, in plates upto ½" (13 mm) thick, per inch	P Hole	1,500.00	134.50	201,750.00
23	C.25/12	Painting new surface & preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work:				
		priming coat.	Sft	8,781.00	12.74	111,869.94
		2nd coat	Sft	8,781.00	8.51	74,691.19
		3rd coat	Sft	8,781.00	8.51	74,691.19
24	C.10/36/a-iv	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER / Stile brand of specified size in approved design, Color and Shade with adhesive/bond over ¾" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge Size 24"x48"	Sft	4,981.51	501.90	2,500,219.87
25	C12/5b	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge a) Ash wood Door 2" thick (50 mm)	Sft	88.00	3,753.45	330,303.60
26	C13/7a	French polishing complete - on new work	Sft	88.00	81.94	7,210.72
27	C.10/51	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over ¾" thick (1:2) cement sand mortar bed, complete in all respect as approved and directed by the Engineer Incharge (i) ¾" thick	Sft	267.00	1,181.70	315,513.90
28	C.13/46	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect	Sft	2,490.84	5.76	14,347.24



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Quotation for Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Description	Unit	QTY	Rate	Amount
29	C.13/33	Preparing surface and painting with Plastic Emulsion Paint 3 coats on new surface.	Sft	1,245.42	44.84	55,844.63
30	C.13/33	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: new surface two coats	Sft	687.66	77.90	53,566.65
31	C.12/17-ii	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebatemade of 16 SWGMSsheet pressed/welded / supported withMS. flat 1- 1/4"x1/8" i/c6" longMS. Flat 1"x1/8"hold fasts (6-Nos) welded/ screwed, punchingof lockholecoveredwith MSBox,coatingwithantirust paint including fillingwith cement sandmortar (1:8) and embedding hold fast in cement concrete (1:2:4) ,complete inall respect as approved anddirectedbyEngineer Incharge. ii)10.5"	Sft	100.00	734.50	73,450.00
32	C.12/31	Providing and fixing door stops of 1 1/2" (40mm) dia rubber block.	Each	4.00	1,176.00	4,704.00
33	C.12/64	Providing and fixing Imported Mortise Lever HandleLockwithbackplate(Machine,Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including th cost ofall accessories tocomplete the job as shownon drawing and as per specification, complete in all respect, as approvedanddirectedby theEngineer Incharge.	Each	4.00	4,569.55	18,278.20
Sub Total Civil						26,666,526.43
Electrical Works						
34	C24/3b	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials iii) 25 mm i/d	Rft	700.00	84.90	59,430.00
35	C24/9i	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/ M.S. conduit/G.I pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only): i) 3/0.74 mm (3/0.029"	Rft	5,800.00	37.60	218,080.00
36	C24/9iii	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/ M.S. conduit/G.I pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only): i) 3/0.74 mm (7/0.029"	Rft	2,500.00	53.80	134,500.00
37	C24/10i	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaidd G.I pipe/M.S. conduits/PVC pipe/G.I wire/trenches, etc (rate for cable only): 4.00 mm sq (7/0.036")	Rft	1,200.00	74.65	89,580.00





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Quotation for Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
38	C24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately) (a) 6" deep (i) 20~60A	P.Cft	1.50	24,283.05	36,424.58
39	C24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.	Each	6.00	10,703.00	64,218.00
40	C24/102	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Exhaust Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.	Each	2.00	6,641.75	13,283.50
41	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equivilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange	Each	11.00	1,405.85	15,464.35
42	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equivilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Power Plug	Each	14.00	924.55	12,943.70
43	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equivilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Light Plug	Each	14.00	754.45	10,562.30
44	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equivilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Light Plug	Each	2.00	2,660.10	5,320.20
45	C24/105	Supply and erection of electric energy meter, including meter testing fee, etc. 3x80 Amp, 400 volts	Each	1.00	21,098.45	21,098.45
Sub Total Electrical						680,905.08



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S/No.	MRS Item #	Item Description	Unit	QTY	Rate	Amount
Data and Networking						
1	C24/126	Supply & Installation of NVR (Network Video Recorder) for Real Time View of specified Channels, video and Audio channels, Supported protocols: ONVIF, RTSP etc, Internal HDDs mount support: 2/4/8 or higher as per site requirement, Monitor outputs, (HDMI, 4K Ultra HD), VGA (Video Graphic array), Support Raid 5/6, Embedded OS, Data Encryption, Min. 1 x RJ-45 1000Mbps Ports, with PC Video Monitoring Software, Web Server, Embedded Server complete in all respect. made of AXIS Europe/NOVAS Europe/Avigilon by Motorola USA /Huawei, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge. ii) 16-Channel	Each	2.00	116,388.70	232,777.40
2	C24/127	Supply, Installation and Connection of Surveillance Grade Hard Drives (HDD) of Specified Capacity for CCTV System Backup. made of Seagate/ WD, Pollo Australia or equivalent approved manufacturer and directed by Engineer Incharge. iv) 14 TB	Each	2.00	76,582.50	153,165.00
3	C24/130	Supply and installation of ODF (Optical Distribution frame) having specified ports, mounting tray loaded, including Splicing, labeling, tagging, support for OM3 multimode fibre, duplex adapters, and simple x pig-tails. Make Schneider, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge. iii) 24 Port	Each	2.00	111,757.90	223,515.80
4	C24/134	Supply, installation & connecting IP based Camera of specified resolution, lens, motorized, auto-iris and auto-focus function, f=3-12 mm, D/N function-IR cut filter, Video content analysis based on Deep learning, micro SD card support, WDR, Min. illumination: 0.007 lx (01x IR on), IR LED, range upto 40 m, privacy zone, motion detection, system reaction to alarm event i/c the cost of mounting bracket, accessories, made of AXIS Europe/NOVAS Europe/Avigilon by Motorola USA/Bosch Germany, Pollo Australia or equivalent, as approved as directed by the Engineer Incharge. c) 12 Mega Pixel (i) Fixed Bullet Type	Each	19.00	106,753.15	2,028,309.85
Sub Total Data and Networking						2,637,768.05
Plumbing Works						
1	C.23/1	Boring for tubewell in all types of soil except shingle and rock, from Chap. 2 ground level to specific depth, including sinking and withdrawing of casing pipe, complete:				
	C.23/1e	Upto 0 to 100' depth 8" (200mm) i/d	Rft	100.00	1,837.45	183,745.00
	C.23/2c	Upto 101' to 200' depth 8" (200mm) i/d	Rft	100.00	2,493.60	249,360.00
	C.23/3c	Upto 201' to 300' depth 8" (200mm) i/d	Rft	100.00	3,148.55	314,855.00
	C.23/4a	Upto 301' to 600' depth 8" (200mm) i/d	Rft	300.00	3,807.10	1,142,130.00

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S/No.	MRS Item #	Item Description	Unit	QTY	Rate	Amount
2	C.23/6a	Providing and installing, P.V.C. strainer B.S.S. in tubewell bore hole, including sockets and solvents, etc. complete: 2" i/d, 5/32" (50 mm i/d 4 mm) thick	Rft	40.00	2,373.95	94,958.00
3	C.23/12b	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole, including sockets and solvents and jointing with strainer, (PS-3051=BS-3505), etc. complete 3" i/d, 1/8" (75 mm i/d 3 mm) thick	Rft	560.00	989.95	554,372.00
4	C.23/12a	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole, including sockets and solvents and jointing with strainer, (PS-3051=BS-3505), etc. complete 2" i/d, 1/8" (50 mm i/d 3 mm) thick	Rft	560.00	745.15	417,284.00
5	C.23/7/a	Providing and installing P.V.C. Bail/End plug, in tubewell bore hole B.S.S. Class 'D' 3" i/d (75 mm)	Each	1.00	1,506.95	1,506.95
6	C.23/32(i)	Providing, laying, testing and commissioning u-PVC equivalent manufacturer, i/c the cost of solvent and specials (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS- 3051/BS-3505, Dadex/Popular / Beta or approved complete. As approved and directed by the Engineer Incharge. Class-D (vi) 6"	Each	1.00	16,119.70	16,119.70
10	C.23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects. b) Class-D (12 bar) 6" i/d (150 mm)	Rft	350.00	1,782.25	623,787.50
11	C.19/49	Providing, fixing, testing and commissioning of u-PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex /Popular/Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge. P-Trap (i) 4" dia	Each	8.00	960.20	7,681.60
12	C.23/25	Providing and installing P.V.C. bends, of B.S.S. Class 'D' working pressure: - 4 " dia	Each	8.00	1,269.00	10,152.00
13	C.23/26	Providing and installing P.V.C. tees, of B.S.S. Class 'D' working pressure: - 4 " dia	Each	4.00	2,398.00	9,592.00
14	C.23/27	Providing and installing P.V.C. sockets, B.S.S.	Each	12.00	775.00	9,300.00
15	C.23/33	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/ Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. a) PN-16 pipe 25mm	Rft	150.00	83.40	12,510.00



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S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
16	C.23/33	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/ Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. a) PN-16 pipe 32mm	Rft	50.00	126.10	6,305.00
17	C.19/52	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal or approved equivalent manufacturer, comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim approved and directed by the Engineer incharge.				
		(i) 3 No Tee Stop Cock (set)	Each	2.00	2,267.00	4,534.00
		(ii) Lever Type Basin Mixer	Each	3.00	6,707.00	20,121.00
		(iii) Double Bib Cock	Each	2.00	1,907.00	3,814.00
		(v) Muslim shower	Each	2.00	2,387.00	4,774.00
		(vi) Waste Coupling	Each	3.00	767.00	2,301.00
		vii) Bottle Trap	Each	3.00	1,487.00	4,461.00
18	C.19/23	Providing and fixing Bathroom Accessories (7-piece set) Master brand One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.				
		i) Plastic soap dish	Each	2.00	1,380.00	2,760.00
		ii) Plastic toilet paper holder	Each	2.00	1,035.00	2,070.00
19	C.19/20	Providing and fixing looking glass 55x40 cm (22"x16") size and minimum 5 mm thick, first quality.	Each	3.00	1,546.00	4,638.00
20	C.19/08	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each	1.00	15,808.70	15,808.70
21	C.19/12	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge	Each	3.00	1,254.95	3,764.85
22	C21/6	Constructing standard gully grating chamber, 3'x2½' STD/PD No. 3 of 1977, complete in all respects.	Each	9.00	21,904.00	197,136.00
23	C.19/40	Supply and fitting of cast iron manhole cover square / circular with frame, etc. complete. 60 cm (24") (900x750 mm), with chinaware trap as per PHED Drawing	Each	9.00	6,089.85	54,808.65
24	C.19/31	Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1¼") dia	Each	3.00	5,532.00	16,596.00
Sub Total Plumbing Work						3,991,245.95



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Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
Civil Works						
1	NS-1	Providing supplying and fixing GI deck profile sheets of 0.9 mm thickness , of approved make and profile, conforming to relevant IS standards, to be used as permanent formwork for composite slab, including cutting to size, placing, aligning, side laps, end laps, and riveting / screw fixing / welding to supporting steel beams as per design. Item includes all necessary fasteners, shear connectors where specified, edge trims, closures, supports, handling, hoisting, safety measures, and completion in all respects as per structural drawings and engineer's specifications.	Sft	2,708.00	1,850.00	5,009,800.00
2	NS-2	Providing and fixing 3' high stair railing comprising of MS 2" dia pipe railing of 16 SWG welded with vertical posts of 3" dia MS Squar pipe @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs, 4 Nos cross diagonal MS pipes of 2" dia pipe complete in all respects as approved and directed by the Engineer Incharge.	R.ft	92.00	3,063.60	281,851.20
3	NS-3	Supply, fabrication and installation of safety fence system around ground and first floor covered decks designed and constructed in accordance with AZA safety standards and local building codes. The fence shall be fabricated from MS Grade 16 steel as per drawings. Minimum height of fence is 42 inches above from FFL. The railing shall be consist of vertical 3" dia pipe having C/C 1.5 inches spacing and two horizontal 3" pipe.	R.ft	325.00	2,232.13	725,443.33
4	NS-4	Supply, fabrication and installation of outdoor safety fence system around whole perimeter designed and constructed in accordance with AZA safety standards and local building codes. The fence shall be fabricated from MS Grade 16 steel as per drawings. Minimum height of fence is 42 inches above from FFL. The railing shall be consist of vertical 3"x3" pipe having C/C 3 feet spacing two horizontal 3"x3" pipe and two 2"x2" cross pipes.	R.ft	192.00	4,980.86	956,325.62
5	NS-5	Provision and Fixing of Single or Multiple Layers (as per requirement according to design) of GI China mesh of 1"x1" according to the artistic rockery design. Along with 2" Mortar 1:2:0.5 (Cement, Sand Dust, Sand) china mesh Layers to be added until final form of rockery work is achieved as per the provided design. Surface area to be calculated for billing	Sft	3,382.43	2,193.00	7,417,675.18
6	NS-6	Artistic paint work 3 coat of two/ three or more shades of paint to achieve the desired natural look. Preferably nippon or equivalent pain. Paint to be done until final look required is not achieved. Surface area to be calculated for billing.	Sft	3,408.80	459.00	1,564,639.12
7	NS-7	Supply and installation of natural or synthetic thatch roofing material securely fixed roof. The tatch shall be high quality, durable fibers and natural appearance treated for fire retardance, insect resistant and water proff. Installation to include fixing thatch bundles or mats with corrosion-resistant fasteners or wire ties, ensuring full coverage and proper overlapping to provide effective water shedding and insulation.	Sft	3,384.00	3,500.00	11,844,000.00



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Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
8	NS-8	Providing and fixing 1.5" thick WPC (wood plastic composite) solid door Leaf, environment friendly complete in all respect as approved by Engineer Incharge.	Sft	35.00	4,561.00	159,635.00
9	NS-9	Providing and fixing cement board false ceiling made of approved quality cement boards of 12 mm thickness (or as specified), fixed to GI metal framework consisting of GI ceiling sections, perimeter channels, hangers, and fasteners, properly aligned and leveled. Joints to be treated with jointing compound and fiber tape, including cutting, making openings for light fixtures, finishing complete as per drawings, specifications, and direction of the Engineer-in-Charge.	Sft	2,400.00	1,390.00	3,336,000.00
10	NS-10	Providing and installation of bamboo facade shading system made of treated natural bamboo poles/canes, including cutting, seasoning, anti-termite and anti-fungal treatment, framing, fixing, and finishing. The bamboo members shall be securely fixed to MS/wooden support framework with galvanized bolts, clamps, screws, and binding wire as required. Item includes all labor, materials, tools, scaffolding, alignment, and completion in all respects as per approved drawings and site conditions.	Sft	1,000.00	2,000.00	2,000,000.00
11	NS-11	Supply, installation, testing and commissioning of Commercial Gas Range, heavy-duty stainless steel construction, minimum 4 burners with oven, complete with gas piping connections, control valves, regulators and all necessary accessories, along with Commercial Kitchen Cabinets fabricated from food-grade stainless steel (SS 304), including doors, shelves and hardware, refrigerator, as per approved drawings and specifications.	Job	1.00	3,800,000.00	3,800,000.00
12	NS-12	WPC DECK FLOORING Providing and installing outdoor-grade WPC (Wood-Plastic Composite) flooring, designed for exterior use, with UV resistance and waterproof properties. The WPC floorboards shall be [140mm x 25mm] with a non slip textured surface, ensuring durability and safety in outdoor conditions. The flooring system shall be supported by a concealed extruded aluminum base frame, treated for anti-corrosion and anchored securely to the substrate (RCC or masonry) using suitable fasteners. WPC boards will be fixed to the aluminum frame using stainless steel clips or screws, with precise alignment and uniform gaps as specified by the manufacturer. The installation includes trimming, cutting, leveling, and all necessary accessories for a complete, secure, and aesthetically pleasing finish, in accordance with the architect's design and approval.	P.Sft	1,286.25	7,113.00	9,149,060.69





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Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
13	NS-13	RECEPTION COUNTER Reception counter (8ftx 2.5ft) with internal structure in water-resistant HDF/commercial plywood, finished in natural wood veneer with PU/melamine polish. Front with decorative grooves or CNC patterns. 18 mm polished marble countertop with chamfered edges. Includes back storage with drawers and shelves (soft-close hardware) and stainless steel or hardwood footrest. Complete with all materials, hardware, and installation as per approved design and consultant's instructions.	Each	1.00	997,925.00	997,925.00
14	NS-14	Providing and fitting imported Wall Hang European coupled set of Water Closet (WC) and flushing Cistern of PORTA / Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. PORTA HD427WH	Each	2.00	175,000.00	350,000.00
15	NS-15	UPVC WINDOWS Supplying and installing UPVC window with wooden finish. Windows to be fitted with 12mm double-glazed units, comprising 6mm tempered outer and inner glass with a 6mm air gap. Sealed with gaskets and silicone sealant for weatherproofing. Includes all necessary hardware, drainage systems, SS fasteners, and full installation per architect's design and specifications.	Sft	867.17	7,450.00	6,460,416.50
Sub Total Civil Work						54,052,772
Electrical Works						
16	NS-16	Providing, supplying, and fixing Interior Giraffe Counter top lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	1	165000.00	165,000
17	NS-17	Providing, supplying, and fixing Interior Hanging Lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	11	21500.00	236,500
18	NS-18	Providing, supplying, and fixing Interior Bar Counter Lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	6	19000.00	114,000



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Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
19	NS-19	Providing, supplying, and fixing Interior Giraffe Counter top lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	1	165000.00	165,000
20	NS-20	Supply and installation of decorative lighting fixture complete with lamp, driver, wiring, and all necessary accessories as required.	no.	9	16500	148,500
21	NS-21	Supply and fixing of wall fancy light including LED lamp, mounting accessories, and complete wiring connections.	no.	3	12000	36,000
22	NS-22	Supply and installation of wall-mounted electric fan (minimum 16"/400mm) complete with regulator, mounting bracket, wiring, and testing	no.	6	28000	168,000
23	NS-23	Supply and installation of LED tube light fitting (minimum 18W/20W) complete with fixture, driver, and necessary wiring connections.	no.	3	6500	19,500
24	NS-24	Supply and fixing of ceiling-suspended hanging light fitting including mounting hardware, lamp, and wiring connections.	no.	4	8000	32,000
25	NS-25	Supply and installation of decorative shade-type hanging light complete	rfi	177	250	44,250
26	NS-26	Supply and fixing of weatherproof outdoor wall light fitting (IP-rated) complete with LED lamp and necessary mounting accessories.	no.	3	20500	61,500
27	NS-27	Supply and installation of LED ceiling light fitting complete with driver, mounting accessories, and wiring connections.	no.	80	550	44,000
28	NS-28	2 ton AC Floor Standing Complete in respects	no.	4	641250	2,565,000
29	NS-29	4 ton AC Floor Standing Complete in respects	no.	2	945000	1,890,000
Sub Total Electrical						5,689,250.00
Data and Networking						
30	NS-30	Supply and installation of Wi-Fi router/access point including configuration, power adapter, and necessary cabling.	job	1	918,000.00	918,000.00
31	NS-31	Supply and fixing of telephone junction box complete with wiring terminations and protective enclosure	job	1	4725	4,725.00
32	NS-32	Supply and installation of telephone instrument complete with connection to existing telephone line.	no.	1	4725	4,725.00
Sub Total Networking						927,450.00
Plumbing Works						
33	NS-33	Providing and fitting imported Wall Hang European coupled set of Water Closet (WC) and flushing Cistern of PORTA / Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. PORTA HD427WH	Each	2.00	175,000.00	350,000.00





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Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
34	NS-34	Supply and fixing of a toilet vanity for one wash basin with a 20mm thick black granite countertop (polished finish). Imported countertop basins (ceramic or equivalent) will be securely mounted on the granite. The vanity will be supported by a 2" x 2" steel pipe frame for stability. Supply and fixing of Grohe-brand sensor-operated basin mixers (chrome-plated brass or equivalent) for hands-free operation and water efficiency. All items will be installed as per design specifications.	Each	3.00	787,440.00	2,362,320.00
35	NS-35	Vanity/Mirror light fitting with light 7-8 watt, 700 lumens, Color Redering > 70, Power factor >0.5. Complete in all respects	Each	3.00	32,648.00	97,944.00
Sub Total Plumbing						2,810,264.00
Furniture						
36	NS-37	Providing, supplying, and placing exterior sofa chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	12.00	45,000.00	540,000.00
37	NS-38	Providing, supplying, and placing Exterior table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	6.00	80,000.00	480,000.00
38	NS-39	Providing, supplying, and placing exterior 4-Seater Tables of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	26.00	89,000.00	2,314,000.00
39	NS-40	Providing, supplying, and placing of exterior chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	104.00	45,000.00	4,680,000.00
40	NS-41	Providing, supplying, and placing of indoor 4 seater Table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	5.00	89,000.00	445,000.00



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S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
41	NS-42	Providing, supplying, and placing of indoor 2-seater table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	6.00	60,000.00	360,000.00
42	NS-43	Providing, supplying, and placing of indoor Green Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	14.00	50,000.00	700,000.00
43	NS-44	Providing, supplying, and placing of indoor Rust Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	16.00	70,000.00	1,120,000.00
44	NS-45	Providing, supplying, and placing of indoor Bar Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	4.00	50,000.00	200,000.00
45	NS-46	Providing, supplying, and fixing Interior planters (Rcc slab on brick wall stone finish and marble on top) complete in all respects as per drawing ,specification and direction of Engineer -in-charge	job	1.00	250,000.00	250,000.00
Sub Total Furniture						11,089,000.00

Sound, CCTV & Wi-Fi

1	Speaker	Type: Pendant Speaker Low frequency Driver: 4" or above High Frequency Driver: 0.75" or above Frequency response: 135Hz - 20KHz Maximum SPL: ~103-106 dB Coverage Pattern: ~120 Deg Conical Transformer: 70V/100v Taps + 8 Ohm/16 Ohm Tap Settings: 3.5W, 7.5W, 15W, 30W	Each	10	145,000	1,450,000
2	Speaker	Type: Wall Mount Low frequency Driver: 5" or above High Frequency Driver: 0.75" or above Frequency response: 85Hz - 20KHz Sensitivity (@1W, 1m): 87.5 dB Maximum SPL: ~103-106 dB Transformer: 70V/100v Taps + 8 Ohm Tap Settings: 10W, 15W, 20W, 30W	Each	8	170,000	1,360,000



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Quotation for Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
3	Amplifier	Mixer Amplifier Interface: USB/SD/FM/Bluetooth Rated Power: 500W Speaker Output: 100V/70V/4 Ohm/8 Ohm /16 Ohm Line 1-2 input of RCA input and one RCA line output Volume control for Mic1-3, line1-2, bass/treble and master Short circuit, over load, clip and Over Temperature Protection	Each	1	450,000	450,000
4	CCTV Camera	Image Sensor: 1/2.9" Progressive Scan CMOS Max. Resolution: 1920 × 1080 Frame Rate: 25 FPS Min. IlluminationColor: 0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR Shutter Time1/3 s to 1/100,000 s Day & Night: IR cut filter Angle AdjustmentPan: 0° to 360°,tilt: 0° to 75°,rotate: 0° to 360° Lens TypeFixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 103°, vertical FOV 56°, diagonal FOV 121° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99° Audio Type: Mono sound with environment Noise Filtering Audio Sampling Rate: 8 kHz/16 kHz Audio Compression: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Wide Dynamic Range (WDR)Digital WDR SNR≥ 52 dB Day/Night Switch: Day,Night,Auto,Schedule Image Enhancement: BLC,HLC,3D DNR Image Settings: Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser Privacy Mask: 4 programmable polygon privacy masks ProtectionIP67: IEC 60529-2013 Power: 12 VDC ± 25%, 0.4 A, max. 5 W @ 5.5 mm coaxial power	Each	16	53,000	848,000





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Quotation for Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
5	NVR and other Equipment	Incoming Bandwidth: 256 Mbps Outgoing Bandwidth: 160 Mbps IP Video Input: 32-ch HDMI Output: 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz VGA Output: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz Video Output Mode: HDMI/VGA independent output Audio Input: 1-ch, RCA (2.0 Vp-p, 1 KΩ) Audio Output: 1-ch, RCA (Linear, 1 KΩ) Two-Way Audio: 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) Recording Resolution: 12 MP Synchronous Playback: 16-ch Remote Connection: 128-ch Network Protocol: TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS Network Interface: 1x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface SATA: 2 SATA interfaces Capacity: Up to 16 TB capacity for each HDD Power Supply: 12 VDC, 3.33 A, Consumption ≤ 15 W (without HDD) Working Temperature: -10 °C to 55 °C (14 °F to 131 °F) Working Humidity: 10 to 90 % With Pre installed 1x 8TB Drive 1x 24 Port POE Switch 1x Wall Mount Network Rack with patch panel and PDU, Installation and Cable Supply	Each	1	490,000	490,000
6	Wireless Access Point	Form Factor: Ceiling/Wall Mountable Disk Device Type: Dual-Band Wireless Access Point Wireless Wi-Fi Standards: IEEE 802.11a/b/g/n/ac Frequency Bands: 2.4 GHz (802.11b/g/n), 5 GHz (802.11a/n/ac) Maximum Data Rate: 2.4 GHz: 450 Mbps, 5 GHz: 1300 Mbps Network Connectivity Ethernet Ports: 2 x 10/100/1000 Ethernet ports PoE Support: 802.3af/802.3at PoE+ (Power over Ethernet) Secondary Port: Additional Ethernet port for bridging VLAN Support: 802.1Q Advanced QoS: Per-User Rate Limiting Security Features Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) SSID: Multiple SSID support Management Interface: Web / Network Controller Access Remote Firmware Updates: Supported Monitoring: Realtime and historical data LED Indicator: Configurable status LED Mounting: Ceiling/Wall mount kit included Power Supply: 48V, 0.5A PoE Gigabit adapter (optional) Environmental Protection: IP65 for outdoor installation	Each	3	145000	435000





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Quotation for Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
7	POS Terminal Machine	Main Unit Specifications: • Processor: Intel Core i5, 11th Gen or higher (Fanless or Low-power TDP) • Memory: 8 GB DDR4 RAM (expandable to 16 GB) • Storage: 256 GB SSD (M.2 or SATA, industrial grade) • Operating System: Pre-installed Windows 11 IoT Enterprise or Pro (64-bit, licensed) • Touch Display (Primary): 15.6" or 15" Projected Capacitive (PCAP) Touchscreen Resolution: 1920 x 1080 (Full HD) o Multi-touch support (g 10-point touch) • Customer Display (Secondary): 10.1" or 11.6" LCD Resolution: 1280 x 800 or higher • Connectivity Ports: 4 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x RJ-45 (Gigabit Ethernet) • Power Supply: 12V/19V DC with external adapter (included) • Mounting: Countertop with tilt-adjustable base	Each	1	950000	950000
8	Thermal Printer	• Print Method: Direct Thermal Line Printing • Print Speed: Up to 350 mm/sec (text) High-speed graphics and barcode printing • Print Resolution: 203 x 203 dpi • Paper Width: 80 mm (3.125 inch) thermal roll paper Adjustable for 58 mm paper • Interface Options: USB 2.0 (Standard) Ethernet (10/100Base-T), Serial (RS-232) Optional: Powered USB, Bluetooth, Wi-Fi dongle • Web/Cloud Printing Support: o ePOS™ Print Technology for web-based and mobile printing (supports JSON/XML over HTTP), Compatible with browser-based apps (Chrome/Edge/Safari) o Supports printing from tablets and cloud applications, Auto Cutter: Built-in guillotine cutter (1.5 million cuts lifecycle) • MCBF: 70 million lines o Printhead life: 200 km • Sensors: Paper near-end, paper end, cover open • Installation: Horizontal or vertical (wall mounting kit included) • Dimensions: Approx. 145 x 195 x 148 mm (W x D x H) • Power Supply: External AC adapter (included)	Each	1	95000	95000
Sub Total Sound, CCTV & Wi-Fi						6,078,000



Bill of Quantities Giraffe Cafeteria Lahore Safari
Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE
SUMMARY OF COST

S/No.	Item Description	Amount (Rs).	Amount (Millions)
Schedule Items			
1	CIVIL WORKS	26,666,526.43	
2	ELECTRICAL	680,905.08	
3	Networking	2,637,768.05	
4	PLUMBING	3,991,245.95	
Sub Total		33,976,445.51	33.9764
Non-Schedule Items			
1	CIVIL WORKS	54,052,771.64	
2	ELECTRICAL	5,689,250.00	
3	PLUMBING	2,810,264.00	
4	Networking	927,450.00	
5	Sound and CCTV, Wifi	6,078,000.00	
6	Furniture	11,089,000.00	
Sub Total		80,646,735.64	80.6467
Total		114,623,181.15	114.6232
	Adding 5% PRA	5,731,159.06	5.7312
Grand Total Amount		120,354,340.21	120.3543

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS),1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
Civil Works						
1	C.3/21.1	Excavation in foundation of building, bridges and other structures, including dig belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5 ft. in ordinary soil. By Manual	Cft	3,492.13	17.09	59,674.13
2	C.3/15i	Filling, watering and ramming earth under floors:- With surplus earth from foundation, etc.	Cft	997.75	8.15	8,131.66
3	C.26/43	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/MsHextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	3,643.75	12.70	46,275.63
4	C.18/3/ii	Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work except gravel and. aggregate.				
5		Crushed stone aggregate.	Cft	8,133.63	103.89	845,002.30
6	C.6/5i	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):) Ratio 1: 4: 8	Cft	305.44	387.37	118,316.41
7	C.7/4i	Pacca brick work in foundation and plinth in cement, sand mortar Ratio 1:4	Cft	864.94	434.95	376,205.00
8	C.6/6a3	Providing and laying Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)	Cft	1,522.37	785.90	1,196,428.95
9	C.6/12bii	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Grade-60	Kgs	4,864.25	284.44	1,383,576.35
10	C.6/39ai	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:a) with one coat of bitumen and one coat of polythene sheet 500 gauge: Ratio 1: 4 a) ½" thick (13 mm)	Sft	1,050.00	78.96	82,904.33
11	C.10/3	Supplying and filling sand under floor; or plugging in wells.	Cft	7,127.76	54.77	390,366.03
12	C.10/4	Providing, laying, watering and ramming brick or stone ballast 1½" to 2" (40mm to 50mm) gauge mixed with 25% sand, for floor foundation, complete in all respects	Cft	946.03	148.99	140,952.79
13	C.6/5f	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.	Cft	103.22	508.80	52,517.06
14	C.7/5i	Pacca brick work in ground floor:-Cement, sand mortar Ratio 1:4	Cft	727.85	445.23	324,058.43
15	C.11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	Sft	1,599.78	49.71	79,525.06
16	C.25/9	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings, etc. including cutting, drilling, riveting, handling, assembling and fixing; but excluding erection in position.	Kgs	6,682.00	483.27	3,229,210.14
17	C.25/16	Making bolts and nuts of iron rods.	Kgs	1,130.00	514.72	581,633.60
18	C.25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs	32,172.79	352.97	11,356,030.89
19	C.25/11	Erecting rolled steel beams or old rails, in roofs, etc., erection and fixing in position.	Kgs	32,172.79	20.18	649,246.97

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
20	C.9/13a	Providing & Fixing corrugated galvanized iron sheets with G.I. bolts nuts, limpet and bitumen washers, wind ties, complete in all respects without valleys and ridges:- 20 BWG	Sft	3,384.00	441.62	1,494,442.08
21	C.25/20	Bending rolled steel beams or rails	P.bend	250.00	1,662.35	415,587.50
22	C.25/12	Drilling holes, in plates upto ½" (13 mm) thick, per inch	P.Hole	1,500.00	134.50	201,750.00
23	C.25/12	Painting new surface & preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work:				
		priming coat.	Sft	8,781.00	12.74	111,869.94
		2nd coat	Sft	8,781.00	8.51	74,691.19
		3rd coat	Sft	8,781.00	8.51	74,691.19
24	C.10/36/a-iv	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER / Stile brand of specified size in approved design, Color and Shade with adhesive/bond over ¾" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge Size 24"x48"	Sft	4,981.51	501.90	2,500,219.87
25	C12/5b	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge a) Ash wood Door 2" thick (50 mm)	Sft	88.00	3,753.45	330,303.60
26	C13/7a	French polishing complete:- on new work	Sft	88.00	81.94	7,210.72
27	C.10/51	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over ¾" thick (1:2) cement sand mortar bed, complete in all respect as approved and directed by the Engineer Incharge. (i) ¾" thick	Sft	267.00	1,181.70	315,513.90
28	C.13/46	Providing and applying wall putty of 2mm thickness over plastered surface (newsurface) to prepare the surface even and smooth complete in all respect	Sft	2,490.84	5.76	14,347.24
29	C.13/33	Preparing surface and painting with Plastic Emulsion Paint 3 coats on new surface.	Sft	1,245.42	44.84	55,844.63
30	C.13/33	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: new surface two coats	Sft	687.66	77.90	53,566.65
31	C.12/17-ii	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebatemade of 16 SWGMSsheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" i/c6"long M.S. Flat 1"x1/8"hold fasts (6-Nos) welded/ screwed, punching of lockhole covered with MSBox, coating with antirust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge. ii) 10.5"	Sft	100.00	734.50	73,450.00
32	C.12/31	Providing and fixing door stops of 1½" (40mm) dia rubber block.	Each	4.00	1,176.00	4,704.00
33	C.12/64	Providing and fixing Imported Mortise Lever Handle Lock with backplate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge.	Each	4.00	4,569.55	18,278.20
Sub Total Civil						26,666,526.43
Electrical Works						

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
34	C24/3b	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.iii) 25 mm i/d	Rft	700.00	84.90	59,430.00
35	C24/9i	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/ M.S. conduit/G.I.pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only):i) 3/0.74 mm (3/0.029"	Rft	5,800.00	37.60	218,080.00
36	C24/9iii	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/ M.S. conduit/G.I.pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only):i) 3/0.74 mm (7/0.029"	Rft	2,500.00	53.80	134,500.00
37	C24/10i	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaidd G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only): 4.00 mm sq (7/0.036")	Rft	1,200.00	74.65	89,580.00
38	C24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessdd/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately) (a) 6" deep (i) 20~60A	P.Cft	1.50	24,283.05	36,424.58
39	C24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.	Each	6.00	10,703.00	64,218.00
40	C24/102	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Exuhaust Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.	Each	2.00	6,641.75	13,283.50
41	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equvilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange	Each	11.00	1,405.85	15,464.35
42	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equvilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Power Plug	Each	14.00	924.55	12,943.70
43	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equvilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Light Plug	Each	14.00	754.45	10,562.30
44	C24/105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schenider or approved equvilent manufacturer, screws complete in all respect, as approved and directed by the Engineer Incharge (iii) 06 Gange Light Plug	Each	2.00	2,660.10	5,320.20
45	C24/105	Supply and erection of electric energy meter, including meter testing fee, etc. 3x80 Amp, 400 volts	Each	1.00	21,098.45	21,098.45
Sub Total Electrical						680,905.08

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS),1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
Data and Networking						
1	C24/126	Supply & Installation of NVR (Network Video Recorder) for Real Time View of specified Channels, video and Audio channels,Supported protocols: ONVIF,RTSP etc, Internal HDDs mount support:2/4/8 or higher as per site requirement,Monitor outputs,(HDMI,4K Ultra HD), VGA (Video Graphic array), Support Raid 5/6, Embedded OS, Data Encryption, Min. 1 x RJ-45 100Mbps Ports, with PC Video MonitoringSoftware, Web Server, Embedded Server complete in all respect. made of AXIS Europe/NOVAS Europe/Avigilon by Motrola USA /Huawei, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge. ii)16-Channel	Each	2.00	116,388.70	232,777.40
2	C24/127	Supply, Installation and Connection of Surveillance Grade Hard Drives (HDD) of Specified Capacity for CCTV System Backup. made of Seagate/ WD, Pollo Australia or equivalent approved manufacturer and directedby Engineer Incharge. iv) 14 TB	Each	2.00	76,582.50	153,165.00
3	C24/130	Supply and installation of ODF (OpticalDistributionframe) having specified ports,mounting tray loaded, including Splicing ,labeling ,tagging, support for OM3 multimode fibre,duplex adopters,and simple xpig-tails . Make Schneider, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge . iii) 24 Port	Each	2.00	111,757.90	223,515.80
4	C24/134	Supply, installation & connecting IP based Camera of specified resolution, lens,motorized,auto-iris and auto-focus function,f=3-12 mm, D/N function-IR cut filter,Video content analysis based on Deep learning, micro SD card support,WDR, Min, illumination: 0.007 lx(01xIR on),IR LED,range upto 40 m, pivacy zone, motion detection, system reaction to alarm event i/c the cost of mounting bracket,accessories,made of AXIS Europe/NOVAS Europe/Avigilon by Motorla USA/Bosch Germany, Pollo Australia or equivalent, as approvedas directed by the Engineer Incharge. c) 12 Mega Pixel (i)Fixed Bullet Type	Each	19.00	106,753.15	2,028,309.85
Sub Total Data and Networking						2,637,768.05
Plumbing Works						
1	C.23/1	Boring for tubewell in all types of soil except shingle and rock, from Chap. 2 ground level to specific depth, including sinking and withdrawing of casing pipe, complete:				
	C.23/1e	Upto 0 to 100' depth 8" (200 mm) i/d	Rft	100.00	1,837.45	183,745.00
	C.23/2c	Upto 101' to 200' depth 8" (200 mm) i/d	Rft	100.00	2,493.60	249,360.00
	C.23/3c	Upto 201' to 300' depth 8" (200 mm) i/d	Rft	100.00	3,148.55	314,855.00
	C.23/4a	Upto 301' to 600' depth 8" (200 mm) i/d	Rft	300.00	3,807.10	1,142,130.00
2	C.23/6a	Providing and installing, P.V.C. strainer B.S.S. in tubewell bore hole, including sockets and solvents, etc. complete: 2" i/d, 5/32" (50 mm i/d 4 mm) thick	Rft	40.00	2,373.95	94,958.00
3	C.23/12b	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole, including sockets and solvents and jointing with strainer, (PS-3051=BS-3505), etc. complete 3" i/d, 1/8" (75 mm i/d 3 mm) thick	Rft	560.00	989.95	554,372.00
4	C.23/12a	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole, including sockets and solvents and jointing with strainer, (PS-3051=BS-3505), etc. complete 2" i/d, 1/8" (50 mm i/d 3 mm) thick	Rft	560.00	745.15	417,284.00
5	C.23/7/a	Providing and installing P.V.C. Bail/End plug, in tubewell bore hole B.S.S. Class 'D' 3" i/d (75 mm)	Each	1.00	1,506.95	1,506.95

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS),1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
6	C.23/32(i)	Providing, laying, testing and commissioning μ -PVC equivalent manufacturer, i/c the cost of solvent and specials (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS- 3051/BS-3505, Dadex/Popular / Beta or approved complete. As approved and directed by the Engineer Incharge. Class-D (vi) 6"	Each	1.00	16,119.70	16,119.70
10	C.23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all 'respects: b)Class-D (12 bar) 6" i/d (150 mm)	Rft	350.00	1,782.25	623,787.50
11	C.19/49	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex /Popular/Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge. P-Trap (i) 4" dia	Each	8.00	960.20	7,681.60
12	C.23/25	Providing and installing P.V.C. bends, of B.S.S.Class 'D' working pressure:- 4 " dia	Each	8.00	1,269.00	10,152.00
13	C.23/26	Providing and installing P.V.C. tees, of B.S.S..Class 'D' working pressure:- 4 " dia	Each	4.00	2,398.00	9,592.00
14	C.23/27	Providing and installing P.V.C. sockets, B.S.S.	Each	12.00	775.00	9,300.00
15	C.23/33	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/ Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer Incharge. a) PN-16 pipe 25mm	Rft	150.00	83.40	12,510.00
16	C.23/33	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/ Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer Incharge. a) PN-16 pipe 32mm	Rft	50.00	126.10	6,305.00
17	C.19/52	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal or approved equivilent manufacturer, comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim approved and directed by the Engineer incharge.				
		(i) 3 No Tee Stop Cock (set)	Each	2.00	2,267.00	4,534.00
		(ii) Lever Type Basin Mixer	Each	3.00	6,707.00	20,121.00
		(iii) Double Bib Cock	Each	2.00	1,907.00	3,814.00
		(v) Muslim shower	Each	2.00	2,387.00	4,774.00
		(vi) Waste Coupling	Each	3.00	767.00	2,301.00
		vii) Bottle Trap	Each	3.00	1,487.00	4,461.00
18	C.19/23	Providing and fixing Bathroom Accessories (7-piece set) Master brand One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.				
		i) Plastic soap dish	Each	2.00	1,380.00	2,760.00
		ii) Plastic toilet paper holder	Each	2.00	1,035.00	2,070.00

Bill of Quantities Giraffe Cafeteria Lahore Safari

Schedule Items (MRS), 1st BI-ANNUAL-2026 DISTRICT LAHORE

S/No.	MRS Item #	Item Discription	Unit	QTY	Rate	Amount
19	C.19/20	Providing and fixing looking glass 55x40 cm (22"x16") size and minimum 5 mm thick, first quality.	Each	3.00	1,546.00	4,638.00
20	C.19/08	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each	1.00	15,808.70	15,808.70
21	C.19/12	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge	Each	3.00	1,254.95	3,764.85
22	C21/6	Constructing standard gully grating chamber, 3'x2½' STD/PD No. 3 of 1977, complete in all respects.	Each	9.00	21,904.00	197,136.00
23	C.19/40	Supply and fitting of cast iron manhole cover square / circular with frame, etc. complete. 60 cm (24") (900x750 mm), with chinaware trap as per PHED Drawing	Each	9.00	6,089.85	54,808.65
24	C.19/31	Providing and fixing gun metal peet/gate valve (screwed):- i) 30 mm (1¼") dia	Each	3.00	5,532.00	16,596.00
Sub Total Plumbing Work						3,991,245.95

Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
Civil Works						
1	NS-1	Providing supplying and fixing GI deck profile sheets of 0.9 mm thickness , of approved make and profile, conforming to relevant IS standards, to be used as permanent formwork for composite slab, including cutting to size, placing, aligning, side laps, end laps, and riveting / screw fixing / welding to supporting steel beams as per design. Item includes all necessary fasteners, shear connectors where specified, edge trims, closures, supports, handling, hoisting, safety measures, and completion in all respects as per structural drawings and engineer's specifications.	Sft	2,708.00	1,850.00	5,009,800.00
2	NS-2	Providing and fixing 3' high stair railing comprising of M.S 2" dia pipe railing of 16 SWG welded with vertical posts of 3" dia M.S Squar pipe @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 4- Nos cross diagonal M.S pipes of 2" dia pipe complete in all respects as approved and directed by the Engineer Incharge.	Rft	92.00	3,063.60	281,851.20
3	NS-3	Supply, fabrication and installation of saftey fence system around ground and first floor covered decks designed and constructed in accordance with AZA saftey standards and local building codes . The fence shall be fabricated from MS Grade 16 steel as per drawings. Minimum height of fence is 42 inches above from FFL. The railing shall be consist of vertical 3" dia pipe having C/C 1.5 inches spacing and two horizontal 3" pipe.	Rft	325.00	2,232.13	725,443.33
4	NS-4	Supply, fabrication and installation of outdoor saftey fence system around whole perimeter designed and constructed in accordance with AZA saftey standards and local building codes . The fence shall be fabricated from MS Grade 16 steel as per drawings. Minimum height of fence is 42 inches above from FFL. The railing shall be consist of vertical 3"x3" pipe having C/C 3 feet spacing two horizontal 3"x3" pipe and two 2"x2" cross pipes.	Rft	192.00	4,980.86	956,325.62
5	NS-5	Provision and Fixing of Single or Multiple Layers (as per requirement according to design) of GI China mesh of 1"x1" according to the artistic rockery design. Along with 2" Mortar 1:2:0.5 (Cement, Sand Dust, Sand) china mesh Layers to be added until final form of rockery work is achieved as per the provided design. Surface area to be calculated for billing	Sft	3,382.43	2,193.00	7,417,675.18
6	NS-6	Artistic paint work 3 coat of two/ three or more shades of paint to achieve the desired natural look. Preferebly nippon or equivalent pain. Paint to be done until final look required is not achieved. Surface area to be calculated for billing.	Sft	3,408.80	459.00	1,564,639.12
7	NS-7	Supply and installation of natural or synthetic thatch roofing material securely fixed roof. The tatch shall be high quality, durable fibers and natural appearance treated for fire retardance, insect resistant and water proff. Installation to include fixing thatch bundles or mats with corrosion-resistant fasteners or wire ties, ensuring full coverage and proper overlapping to provide effective water shedding and insulation.	Sft	3,384.00	3,500.00	11,844,000.00
8	NS-8	Providing and fixing 1.5" thick WPC (wood plastic composite) solid door Leaf,enviroment friendly complete in all respect as approved byEngineer Incharge.	Sft	35.00	4,561.00	159,635.00
9	NS-9	Providing and fixing cement board false ceiling made of approved quality cement boards of 12 mm thickness (or as specified), fixed to GI metal framework consisting of GI ceiling sections, perimeter channels, hangers, and fasteners, properly aligned and leveled. Joints to be treated with jointing compound and fiber tape, including cutting, making openings for light fixtures, finishing complete as per drawings, specifications, and direction of the Engineer-in-Charge.	Sft	2,400.00	1,390.00	3,336,000.00

Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
10	NS-10	Providing and installation of bamboo facade shading system made of treated natural bamboo poles/canes, including cutting, seasoning, anti-termite and anti-fungal treatment, framing, fixing, and finishing. The bamboo members shall be securely fixed to MS/wooden support framework with galvanized bolts, clamps, screws, and binding wire as required. Item includes all labor, materials, tools, scaffolding, alignment, and completion in all respects as per approved drawings and site conditions.	Sft	1,000.00	2,000.00	2,000,000.00
11	NS-11	Supply, installation, testing and commissioning of Commercial Gas Range, heavy-duty stainless steel construction, minimum 4 burners with oven, complete with gas piping connections, control valves, regulators and all necessary accessories, along with Commercial Kitchen Cabinets fabricated from food-grade stainless steel (SS 304), including doors, shelves and hardware, refrigerator, as per approved drawings and specifications.	Job	1.00	3,800,000.00	3,800,000.00
12	NS-12	WPC DECK FLOORING Providing and installing outdoor-grade WPC (Wood-Plastic Composite) flooring, designed for exterior use, with UV resistance and waterproof properties. The WPC floorboards shall be [140mm x 25mm] with a non slip textured surface, ensuring durability and safety in outdoor conditions. The flooring system shall be supported by a concealed extruded aluminum base frame, treated for anti-corrosion and anchored securely to the substrate (RCC or masonry) using suitable fasteners. WPC boards will be fixed to the aluminum frame using stainless steel clips or screws, with precise alignment and uniform gaps as specified by the manufacturer. The installation includes trimming, cutting, leveling, and all necessary accessories for a complete, secure, and aesthetically pleasing finish, in accordance with the architect's design and approval.	P.Sft	1,286.25	7,113.00	9,149,060.69
13	NS-13	RECEPTION COUNTER Reception counter (8ftx 2.5ft) with internal structure in water-resistant HDF/commercial plywood, finished in natural wood veneer with PU/melamine polish. Front with decorative grooves or CNC patterns. 18 mm polished marble countertop with chamfered edges. Includes back storage with drawers and shelves (soft-close hardware) and stainless steel or hardwood footrest. Complete with all materials, hardware, and installation as per approved design and consultant's instructions.	Each	1.00	997,925.00	997,925.00
14	NS-14	Providing and fitting imported Wall Hang European coupled set of Water Closet (WC) and flushing Cistern of PORTA / Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. PORTA HD427WH	Each	2.00	175,000.00	350,000.00
15	NS-15	UPVC WINDOWS Supplying and installing UPVC windows with wooden finish. Windows to be fitted with 12mm double-glazed units, comprising 6mm tempered outer and inner glass with a 6mm air gap. Sealed with gaskets and silicone sealant for weatherproofing. Includes all necessary hardware, drainage systems, SS fasteners, and full installation per architect's design and specifications.	Sft	867.17	7,450.00	6,460,416.50
Sub Total Civil Work						54,052,772
Electrical Works						
16	NS-16	Providing, supplying, and fixing Interior Giraffe Counter top lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	1	165000.00	165,000

Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
17	NS-17	Providing, supplying, and fixing Interior Hanging Lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	11	21500.00	236,500
18	NS-18	Providing, supplying, and fixing Interior Bar Counter Lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	6	19000.00	114,000
19	NS-19	Providing, supplying, and fixing Interior Giraffe Counter top lights exterior lights of approved design and make, made from weather-resistant natural/synthetic rattan with powder-coated metal frame, complete with LED lamp, holder, diffuser, wiring, connectors, mounting accessories, and fixing to wall / ceiling / pole as required. Item includes electrical connections, testing, commissioning, protection against moisture, and completion in all respects as per drawings, specifications, and directions of the Engineer-in-Charge.	Each	1	165000.00	165,000
20	NS-20	Supply and installation of decorative lighting fixture complete with lamp, driver, wiring, and all necessary accessories as required.	no.	9	16500	148,500
21	NS-21	Supply and fixing of wall fancy light including LED lamp, mounting accessories, and complete wiring connections.	no.	3	12000	36,000
22	NS-22	Supply and installation of wall-mounted electric fan (minimum 16"/400mm) complete with regulator, mounting bracket, wiring, and testing	no.	6	28000	168,000
23	NS-23	Supply and installation of LED tube light fitting (minimum 18W/20W) complete with fixture, driver, and necessary wiring connections.	no.	3	6500	19,500
24	NS-24	Supply and fixing of ceiling-suspended hanging light fitting including mounting hardware, lamp, and wiring connections.	no.	4	8000	32,000
25	NS-25	Supply and installation of decorative shade-type hanging light complete	rft	177	250	44,250
26	NS-26	Supply and fixing of weatherproof outdoor wall light fitting (IP-rated) complete with LED lamp and necessary mounting accessories.	no.	3	20500	61,500
27	NS-27	Supply and installation of LED ceiling light fitting complete with driver, mounting accessories, and wiring connections.	no.	80	550	44,000
28	NS-28	2 ton AC Floor Standing Complete in respects	no.	4	641250	2,565,000
29	NS-29	4 ton AC Floor Standing Complete in respects	no.	2	945000	1,890,000
Sub Total Electrical						5,689,250.00
Data and Networking						
30	NS-30	Supply and installation of Wi-Fi router/access point including configuration, power adapter, and necessary cabling.	job	1	918,000.00	918,000.00
31	NS-31	Supply and fixing of telephone junction box complete with wiring terminations and protective enclosure	job	1	4725	4,725.00
32	NS-32	Supply and installation of telephone instrument complete with connection to existing telephone line.	no.	1	4725	4,725.00
Sub Total Networking						927,450.00
Plumbing Works						
33	NS-33	Providing and fitting imported Wall Hang European coupled set of Water Closet (WC) and flushing Cistern of PORTA / Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. PORTA HD427WH	Each	2.00	175,000.00	350,000.00
34	NS-34	Supply and fixing of a toilet vanity for one wash basin with a 20mm thick black granite countertop (polished finish). Imported countertop basins (ceramic or equivalent) will be securely mounted on the granite. The vanity will be supported by a 2" x 2" steel pipe frame for stability. Supply and fixing of Grohe-brand sensor-operated basin mixers (chrome-plated brass or equivalent) for hands-free operation and water efficiency. All items will be installed as per design specifications.	Each	3.00	787,440.00	2,362,320.00

Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
35	NS-35	Vanity/Mirror light fitting with light 7-8 watt, 700 lumens, Color Redering > 70, Power factor >0.5. Complete in all respects	Each	3.00	32,648.00	97,944.00
Sub Total Plumbing						2,810,264.00
Furniture						
36	NS-37	Providing, supplying, and placing exterior sofa chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	12.00	45,000.00	540,000.00
37	NS-38	Providing, supplying, and placing Exterior table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	6.00	80,000.00	480,000.00
38	NS-39	Providing, supplying, and placing exterior 4-Seater Tables of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	26.00	89,000.00	2,314,000.00
39	NS-40	Providing, supplying, and placing of exterior chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	104.00	45,000.00	4,680,000.00
40	NS-41	Providing, supplying, and placing of indoor 4 seater Table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	5.00	89,000.00	445,000.00
41	NS-42	Providing, supplying, and placing of indoor 2-seater table of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	6.00	60,000.00	360,000.00
42	NS-43	Providing, supplying, and placing of indoor Green Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	14.00	50,000.00	700,000.00
43	NS-44	Providing, supplying, and placing of indoor Rust Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	16.00	70,000.00	1,120,000.00
44	NS-45	Providing, supplying, and placing of indoor Bar Chairs of approved design, size, and make, including wooden / metal frame, high-density foam cushioning, fabric / leatherette upholstery, stitching, finishing, and all fittings. Item includes transportation, handling, positioning at site, minor fixing where required, and completion in all respects as per approved drawings, samples, and directions of the Engineer-in-Charge.	Each	4.00	50,000.00	200,000.00
45	NS-46	Providing, supplying, and fixing Interior planters (Rcc slab on brick wall stone finish and marble on top) complete in all respects as per drawing ,specification and direction of Engineer -in-charge	job	1.00	250,000.00	250,000.00
Sub Total Furniture						11,089,000.00
Sound, CCTV & Wi-Fi						

Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
1	Speaker	Type: Pendant Speaker Low frequency Driver: 4" or above High Frequency Driver: 0.75" or above Frequency response: 135Hz - 20KHz Maximum SPL: ~103-106 dB Coverage Pattern: ~120 Deg Conical Transformer: 70V/100v Taps + 8 Ohm/16 Ohm Tap Settings: 3.5W, 7.5W, 15W, 30W	Each	10	145,000	1,450,000
2	Speaker	Type: Wall Mount Low frequency Driver: 5" or above High Frequency Driver: 0.75" or above Frequency response: 85Hz - 20KHz Sensitivity (@1W, 1m): 87.5 dB Maximum SPL: ~103-106 dB Transformer: 70V/100v Taps + 8 Ohm Tap Settings: 10W, 15W, 20W, 30W	Each	8	170,000	1,360,000
3	Amplifier	Mixer Amplifier Interface: USB/SD/FM/Bluetooth Rated Power: 500W Speaker Output: 100V/70V/4 Ohm/8 Ohm/16 Ohm Line 1-2 input of RCA input and one RCA line output Volume control for Mic1-3, line1-2, bass/treble and master Short circuit, over load, clip and Over Temperature Protection	Each	1	450,000	450,000
4	CCTV Camera	Image Sensor: 1/2.9" Progressive Scan CMOS Max. Resolution: 1920 × 1080 Frame Rate: 25 FPS Min. IlluminationColor: 0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR Shutter Time1/3 s to 1/100,000 s Day & Night: IR cut filter Angle AdjustmentPan: 0° to 360°,tilt: 0° to 75°,rotate: 0° to 360° Lens TypeFixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 103°, vertical FOV 56°, diagonal FOV 121° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99° Audio Type: Mono sound with environment Noise Filtering Audio Sampling Rate: 8 kHz/16 kHz Audio Compression: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Wide Dynamic Range (WDR)Digital WDR SNR≥ 52 dB Day/Night Switch: Day,Night,Auto,Schedule Image Enhancement: BLC,HLC,3D DNR Image Settings: Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser Privacy Mask: 4 programmable polygon privacy masks ProtectionIP67: IEC 60529-2013 Power: 12 VDC ± 25% 0.4 A max. 5 W Ø5.5 mm coaxial power plug reverse	Each	16	53,000	848,000

Bill of Quantities Giraffe Cafeteria Lahore Safari

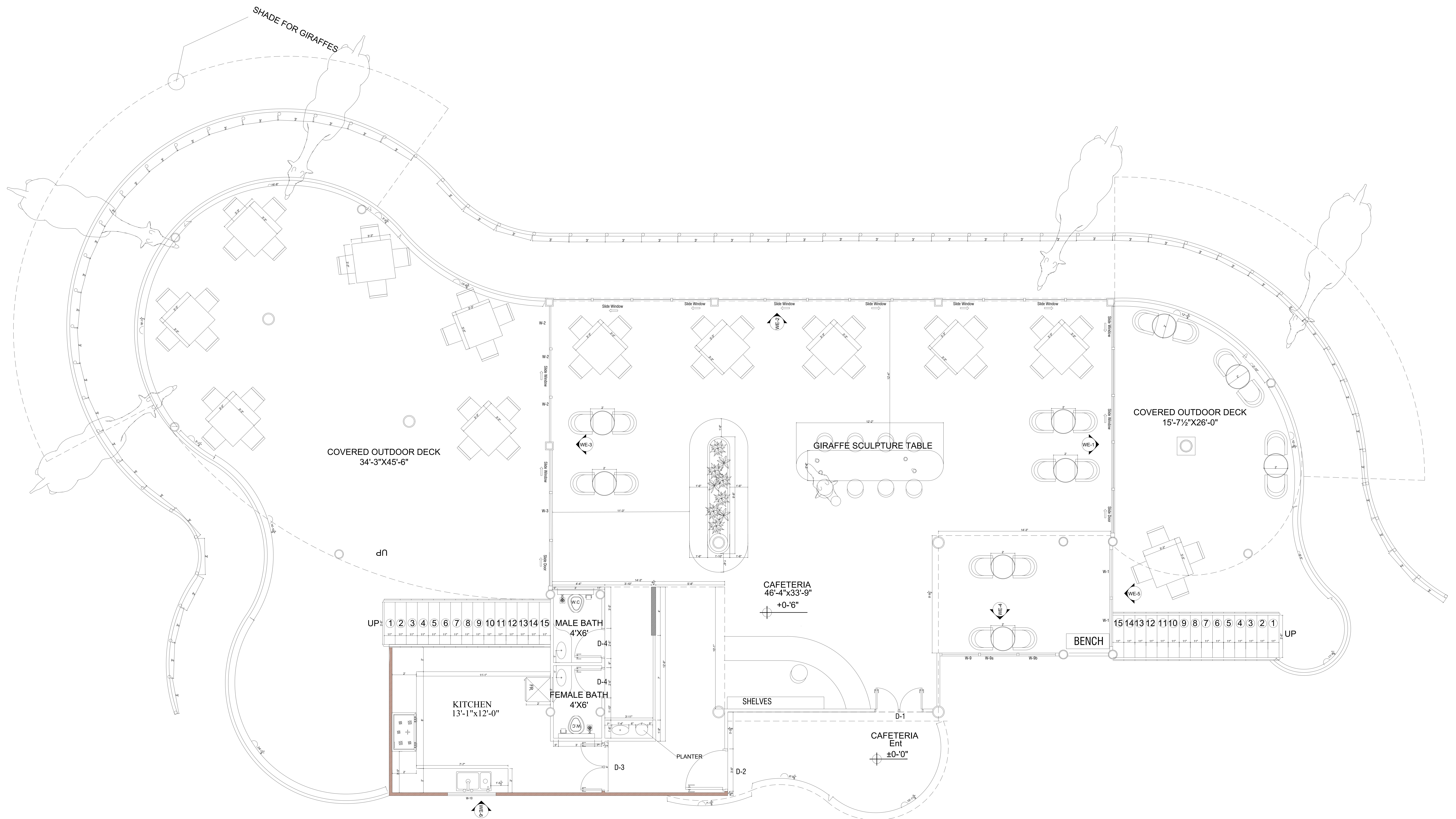
Non Schedule Items

S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
5	NVR and other Equipment	Incoming Bandwidth: 256 Mbps Outgoing Bandwidth: 160 Mbps IP Video Input: 32-ch HDMI Output: 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz VGA Output: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz Video Output Mode: HDMI/VGA independent output Audio Input: 1-ch, RCA (2.0 Vp-p, 1 KΩ) Audio Output: 1-ch, RCA (Linear, 1 KΩ) Two-Way Audio: 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) Recording Resolution: 12 MP Synchronous Playback: 16-ch Remote Connection: 128-ch Network Protocol: TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS Network Interface: 1x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface SATA: 2 SATA interfaces Capacity Up to 16 TB capacity for each HDD Power Supply: 12 VDC, 3.33 A, Consumption ≤ 15 W (without HDD) Working Temperature: -10 °C to 55 °C (14 °F to 131 °F) Working Humidity: 10 to 90 % With Pre installed 1x 8TB Drive 1x 24 Port POE Switch 1x Wall Mount Network Rack with patch panel and PDU, Installation and Cable Supply	Each	1	490,000	490,000
6	Wireless Access Point	Form Factor: Ceiling/Wall Mountable Disk Device Type: Dual-Band Wireless Access Point Wireless Wi-Fi Standards: IEEE 802.11a/b/g/n/ac Frequency Bands: 2.4 GHz (802.11b/g/n), 5 GHz (802.11a/n/ac) Maximum Data Rate: 2.4 GHz: 450 Mbps, 5 GHz: 1300 Mbps Network Connectivity Ethernet Ports: 2 x 10/100/1000 Ethernet ports PoE Support: 802.3af/802.3at PoE+ (Power over Ethernet) Secondary Port: Additional Ethernet port for bridging VLAN Support: 802.1Q Advanced QoS: Per-User Rate Limiting Security Features Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) SSID: Multiple SSID support Management Interface: Web / Network Controller Access Remote Firmware Updates: Supported Monitoring: Realtime and historical data LED Indicator: Configurable status LED Mounting: Ceiling/Wall mount kit included Power Supply: 48V, 0.5A PoE Gigabit adapter (optional) Environmental Protection: IP65 for outdoor installation	Each	3	145000	435000
7	POS Terminal Machine	Main Unit Specifications: • Processor: Intel Core i5, 11th Gen or higher (Fanless or Low-power TDP) • Memory: 8 GB DDR4 RAM (expandable to 16 GB) • Storage: 256 GB SSD (M.2 or SATA, industrial grade) • Operating System: Pre-installed Windows 11 IoT Enterprise or Pro (64-bit, licensed) • Touch Display (Primary): 15.6" or 15" Projected Capacitive (PCAP) Touchscreen Resolution: 1920 x 1080 (Full HD) o Multi-touch support (g 10-point touch) • Customer Display (Secondary): 10.1" or 11.6" LCD Resolution: 1280 x 800 or higher • Connectivity Ports: 4 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x RJ-45 (Gigabit Ethernet) • Power Supply: 12V/19V DC with external adapter (included) • Mounting: Countertop with tilt-adjustable base	Each	1	950000	950000

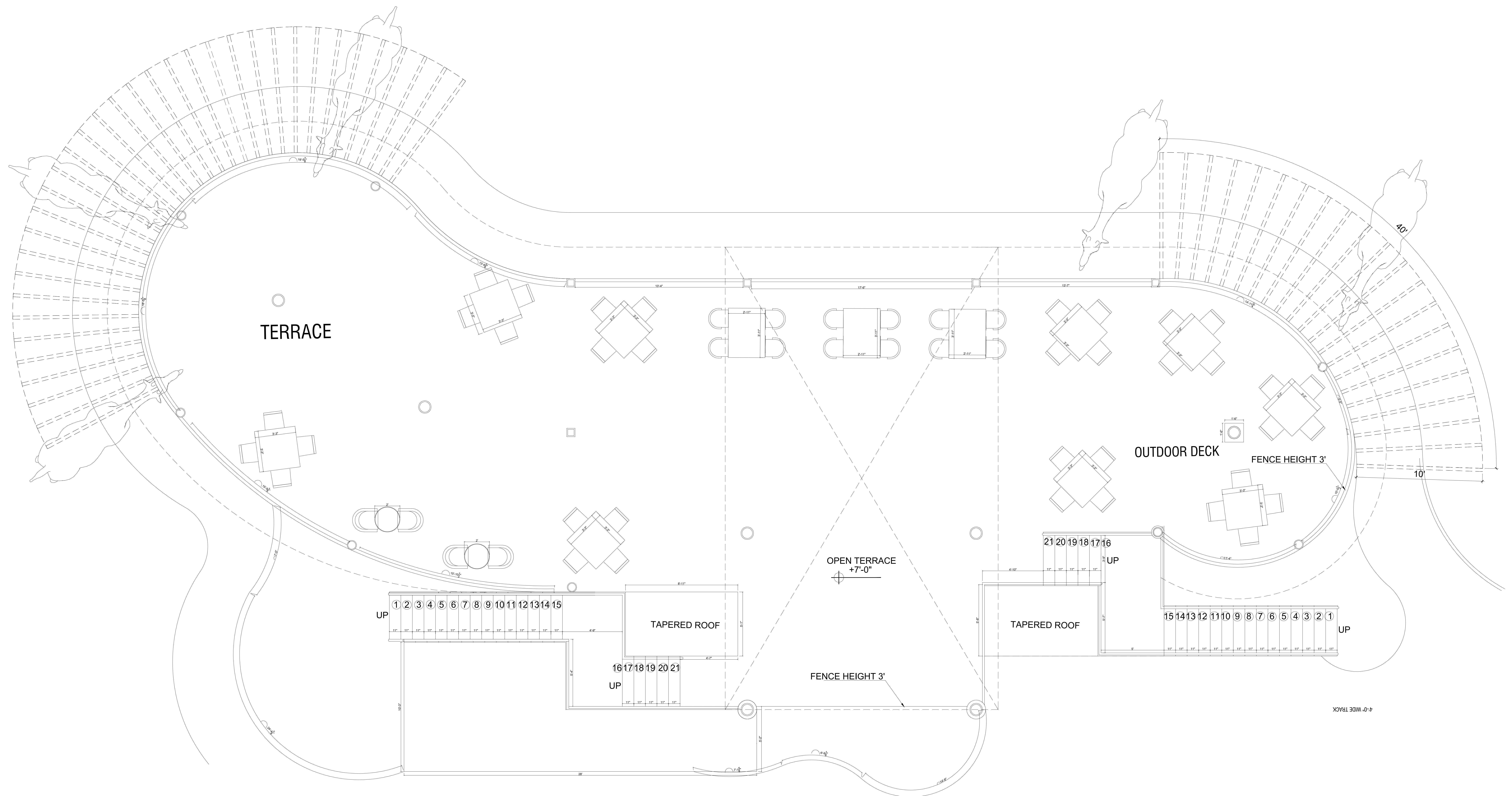
Bill of Quantities Giraffe Cafeteria Lahore Safari

Non Schedule Items

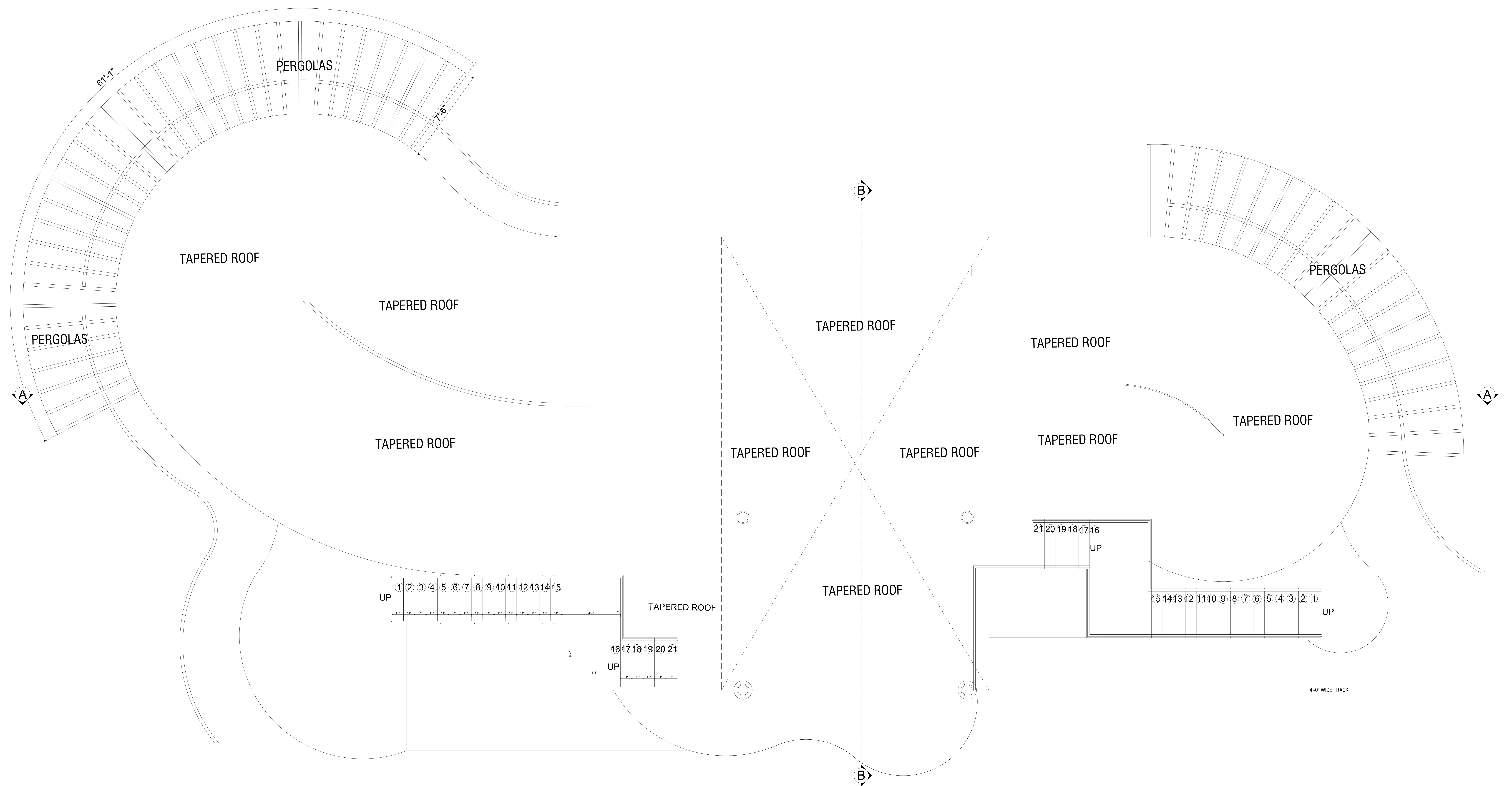
S/No.	Item #	Item Discription	Unit	QTY	Rate	Amount
8	Thermal Printer	• Print Method: Direct Thermal Line Printing • Print Speed: Up to 350 mm/sec (text) High-speed graphics and barcode printing • Print Resolution: 203 x 203 dpi • Paper Width: 80 mm (3.125 inch) thermal roll paper Adjustable for 58 mm paper • Interface Options: USB 2.0 (Standard) Ethernet (10/100Base-T), Serial (RS-232) Optional: Powered USB, Bluetooth, Wi-Fi dongle • Web/Cloud Printing Support: o ePOST™ Print Technology for web-based and mobile printing (supports JSON/XML over HTTP), Compatible with browser-based apps (Chrome/Edge/Safari) o Supports printing from tablets and cloud applications, - Auto Cutter: - Built-in guillotine cutter (1.5 million cuts lifecycle) • MCBF: 70 million lines o Printhead life: 200 km • Sensors: Paper near-end, paper end, cover open • Installation: Horizontal or vertical (wall mounting kit included) • Dimensions: Approx. 145 x 195 x 148 mm (W x D x H) • Power Supply: External AC adapter (included)	Each	1	95000	95000
Sub Total Sound, CCTV & Wi-Fi						6,078,000



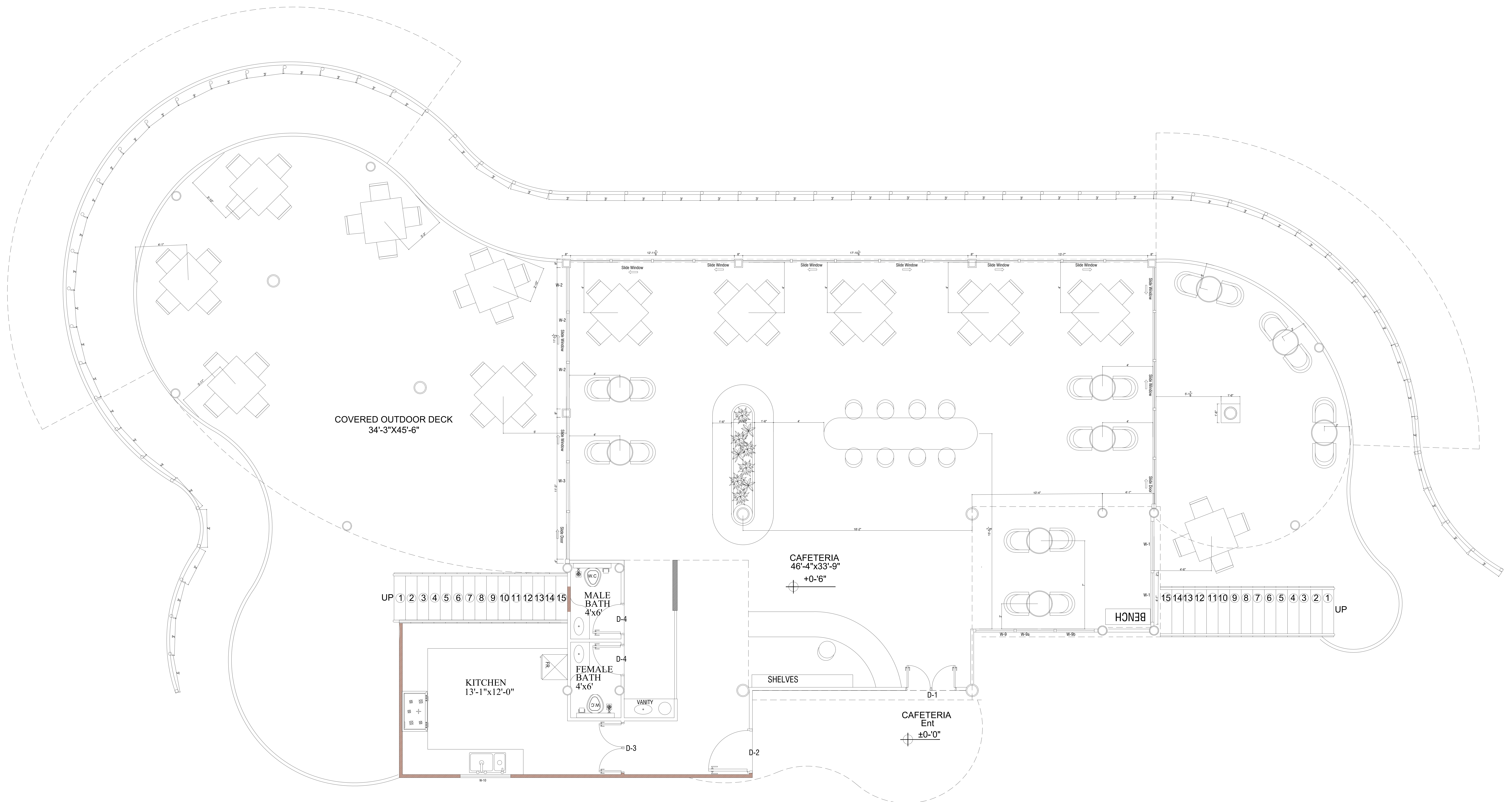
E.V DRIVE WAY AND DROP OFF POINT



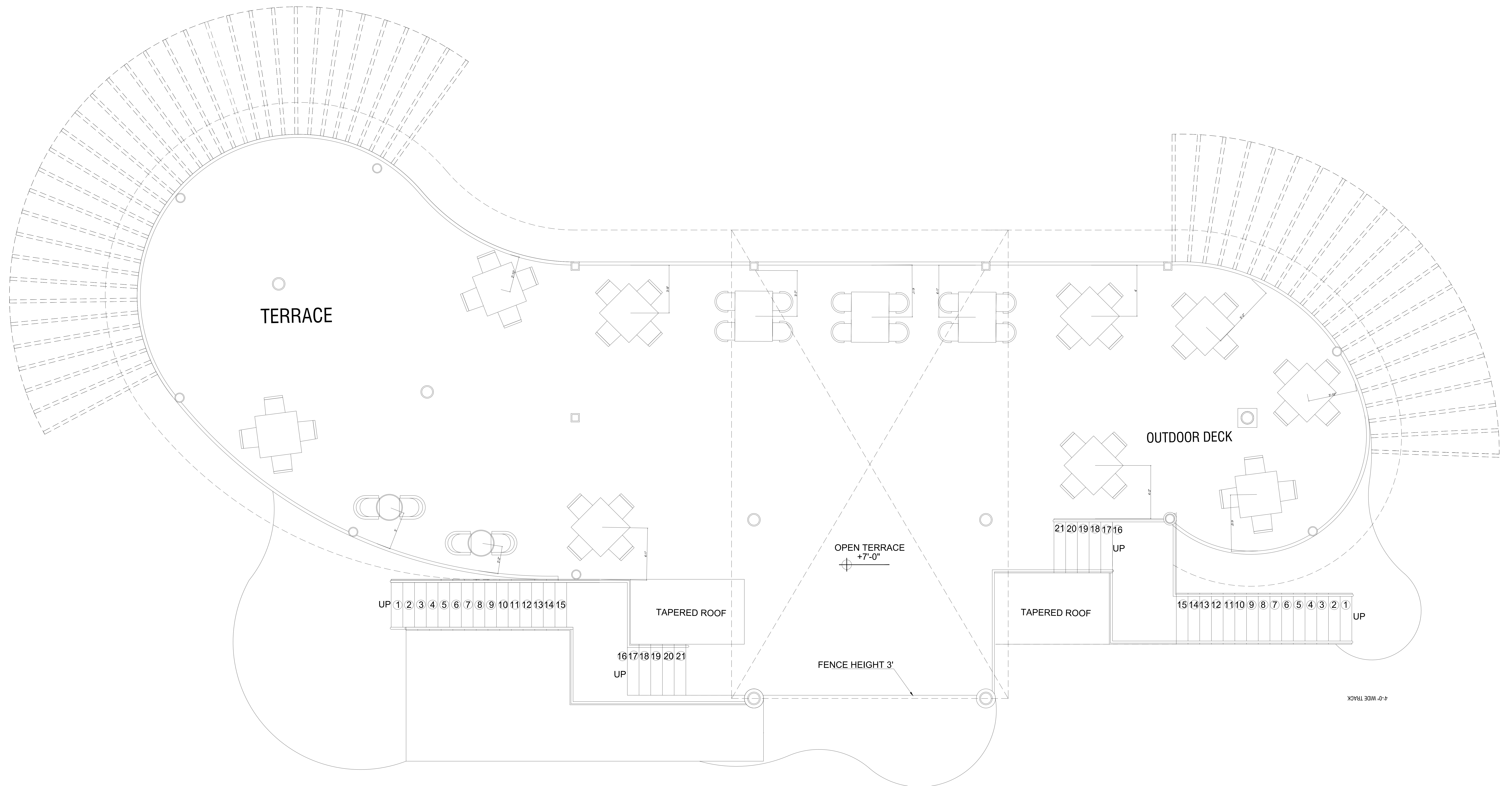
E.V DRIVE WAY AND DROP OFF POINT



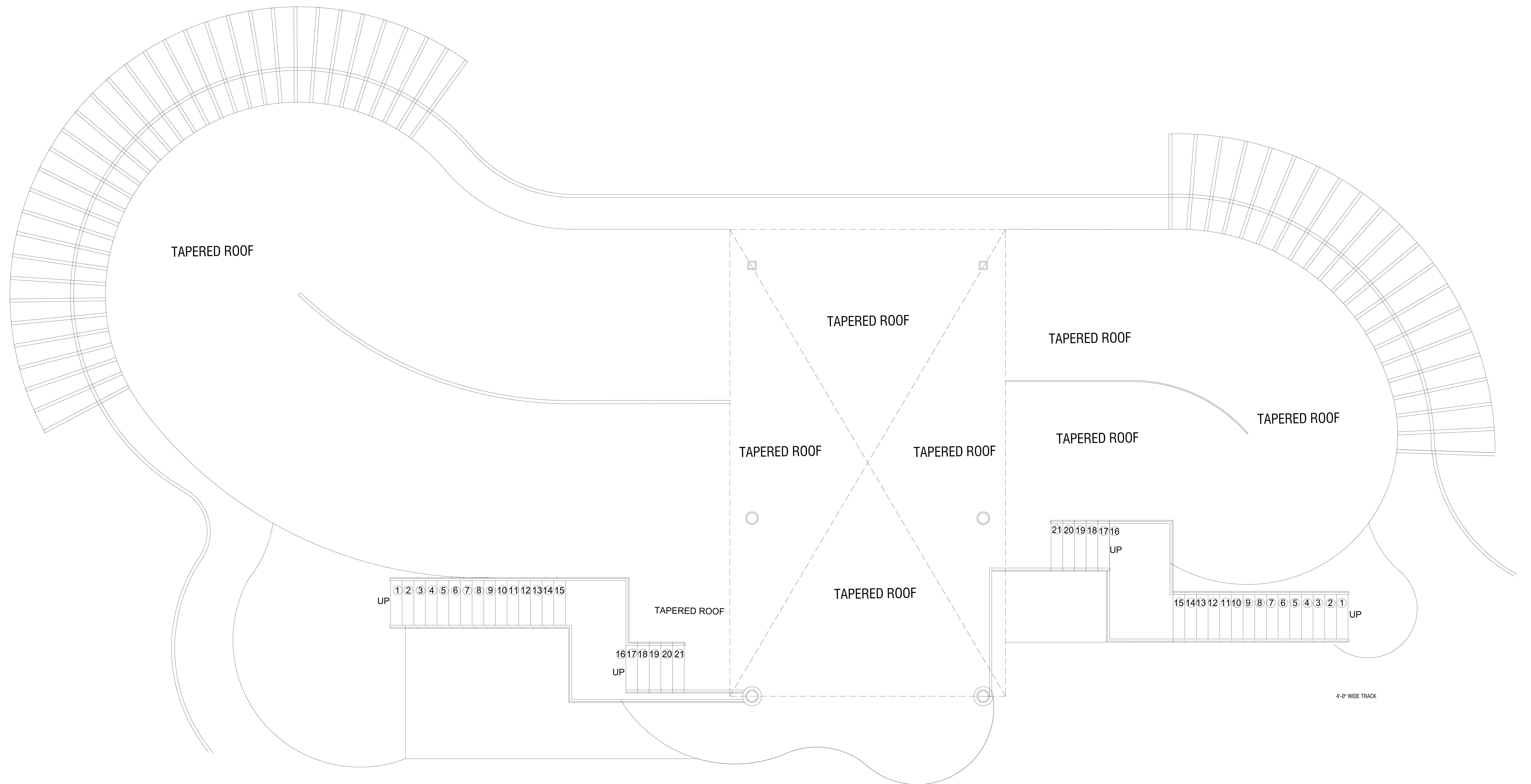
E.V DRIVE WAY AND DROP OFF POINT



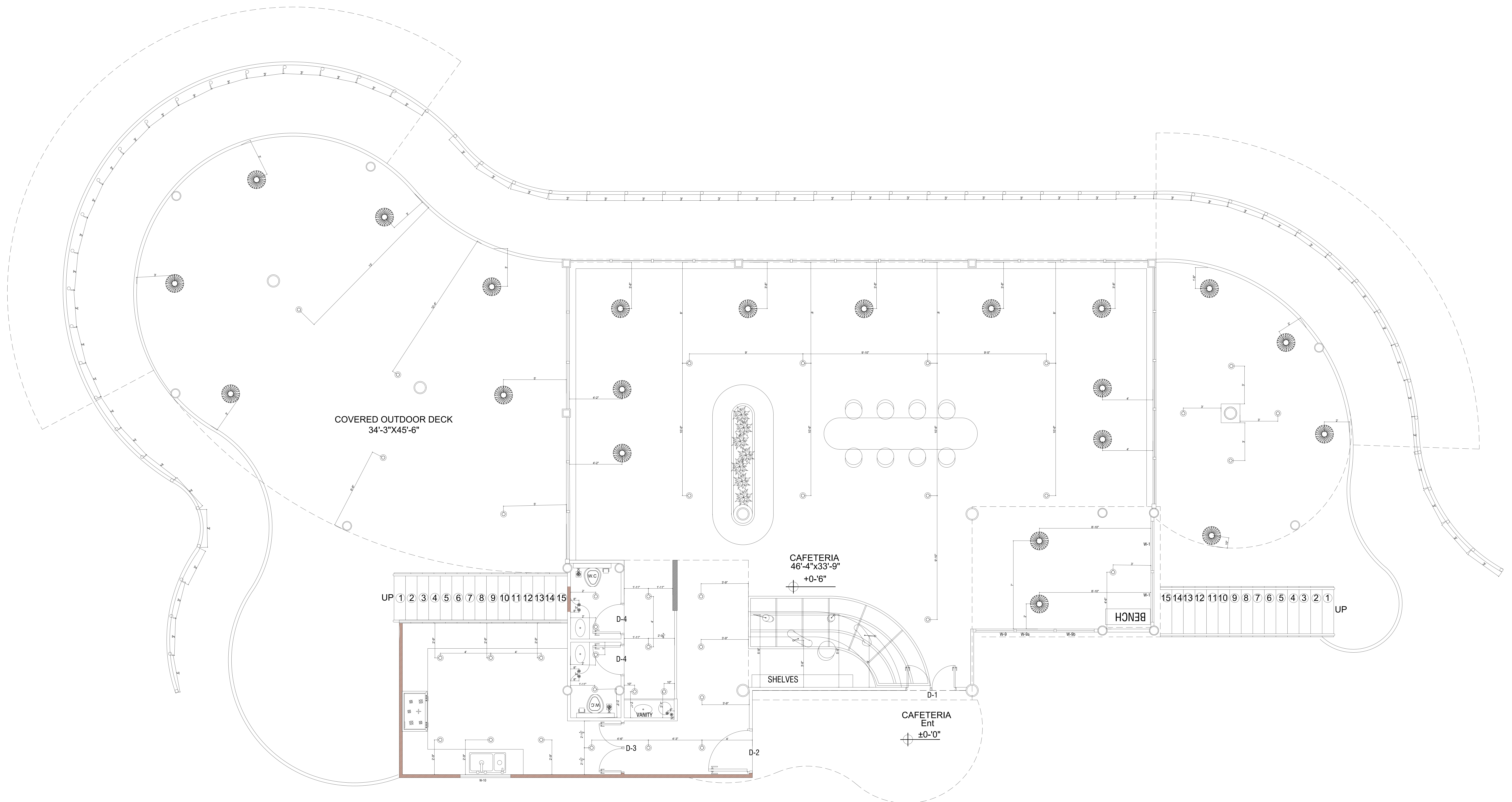
E.V DRIVE WAY AND DROP OFF POINT



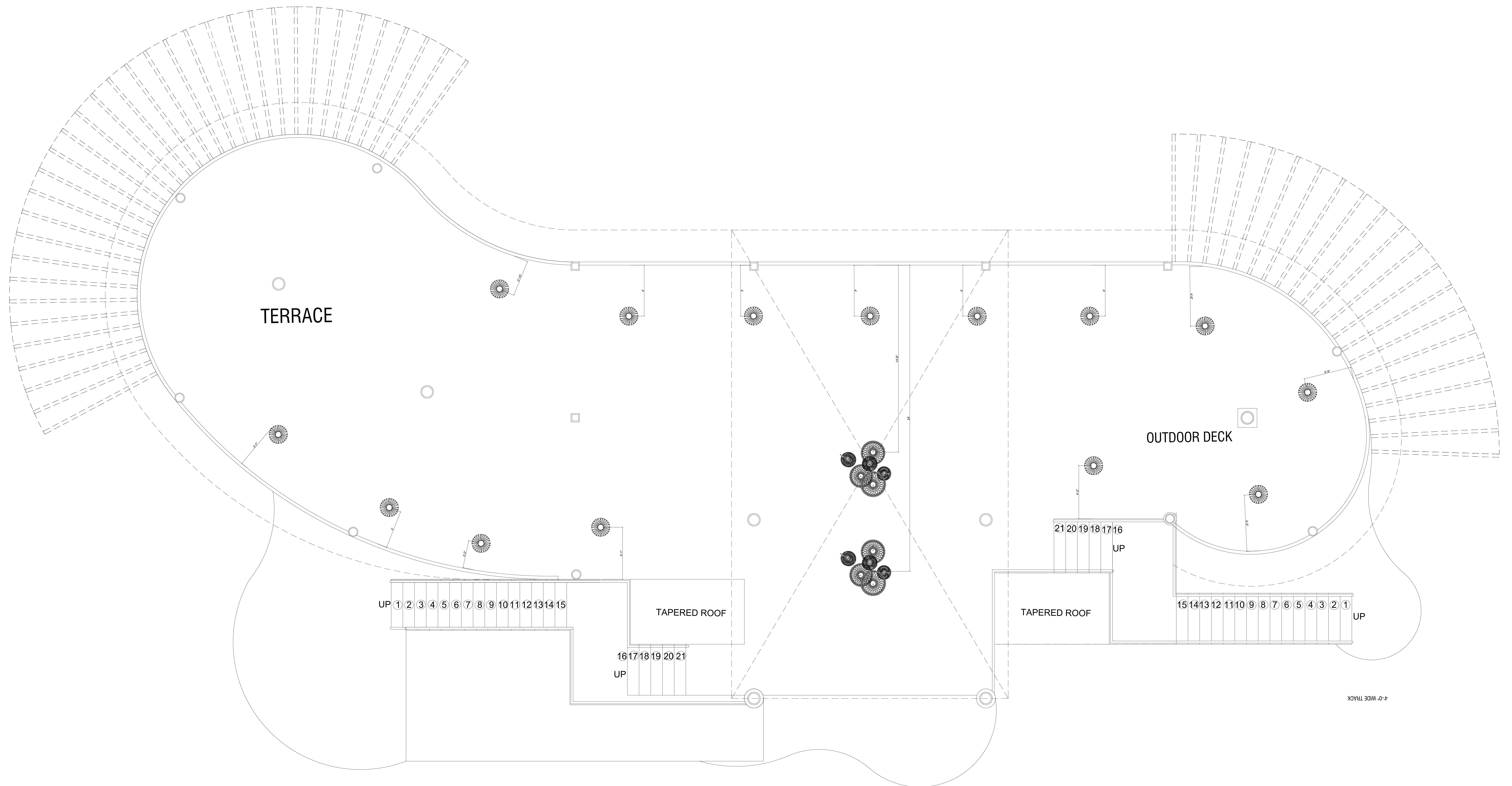
E.V DRIVE WAY AND DROP OFF POINT



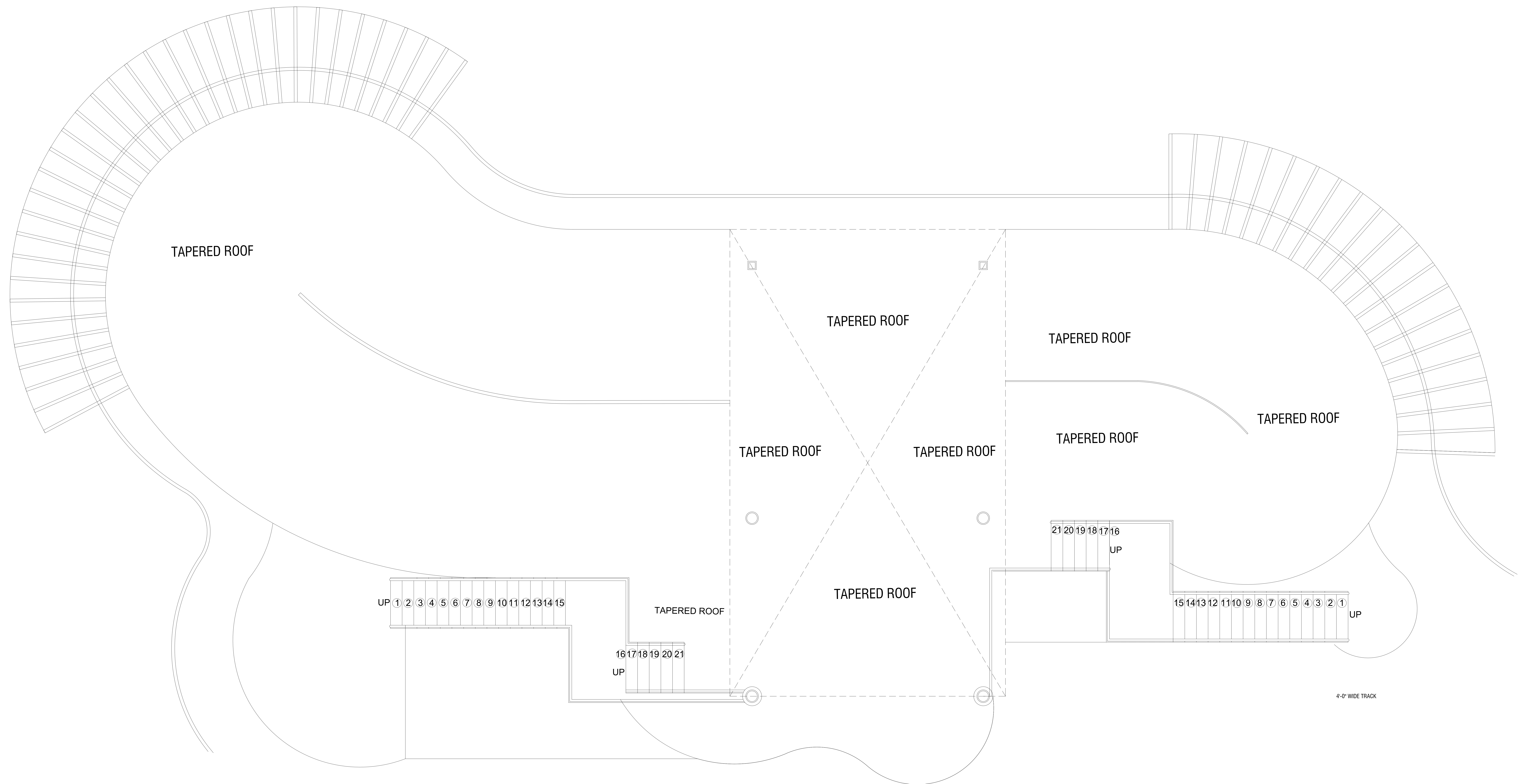
E.V DRIVE WAY AND DROP OFF POINT



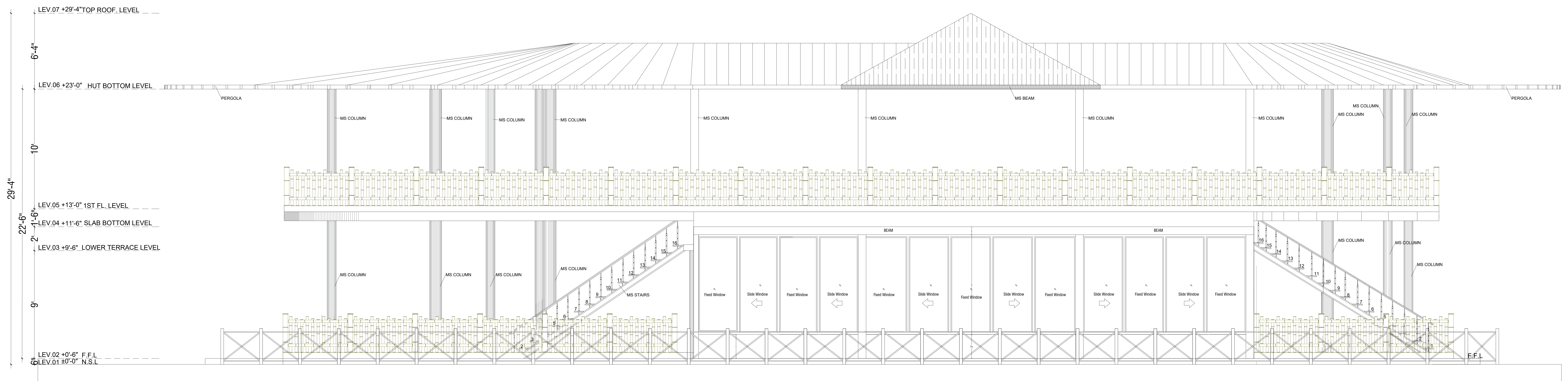
E.V DRIVE WAY AND DROP OFF POINT



E.V DRIVE WAY AND DROP OFF POINT

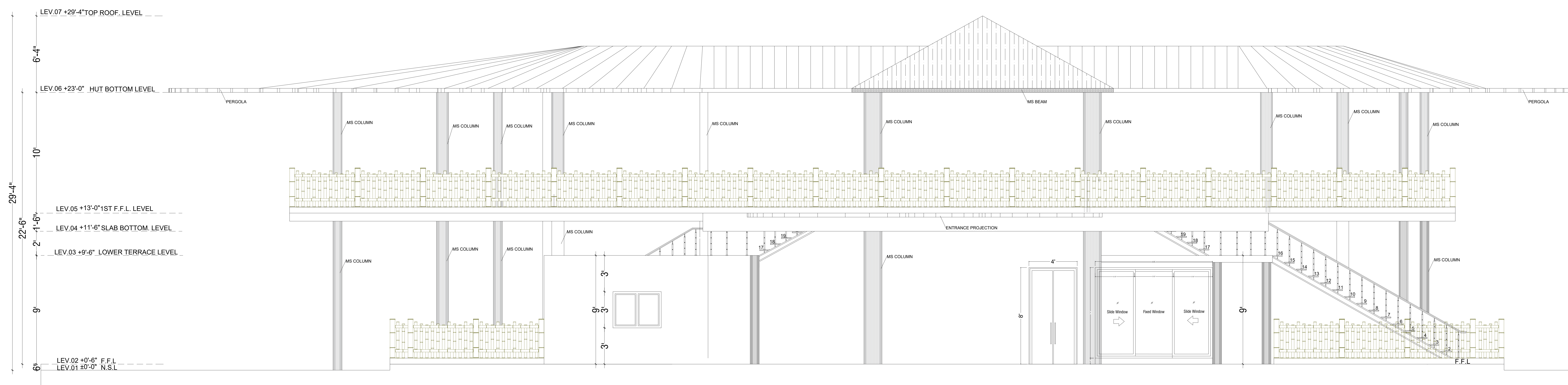


E.V DRIVE WAY AND DROP OFF POINT



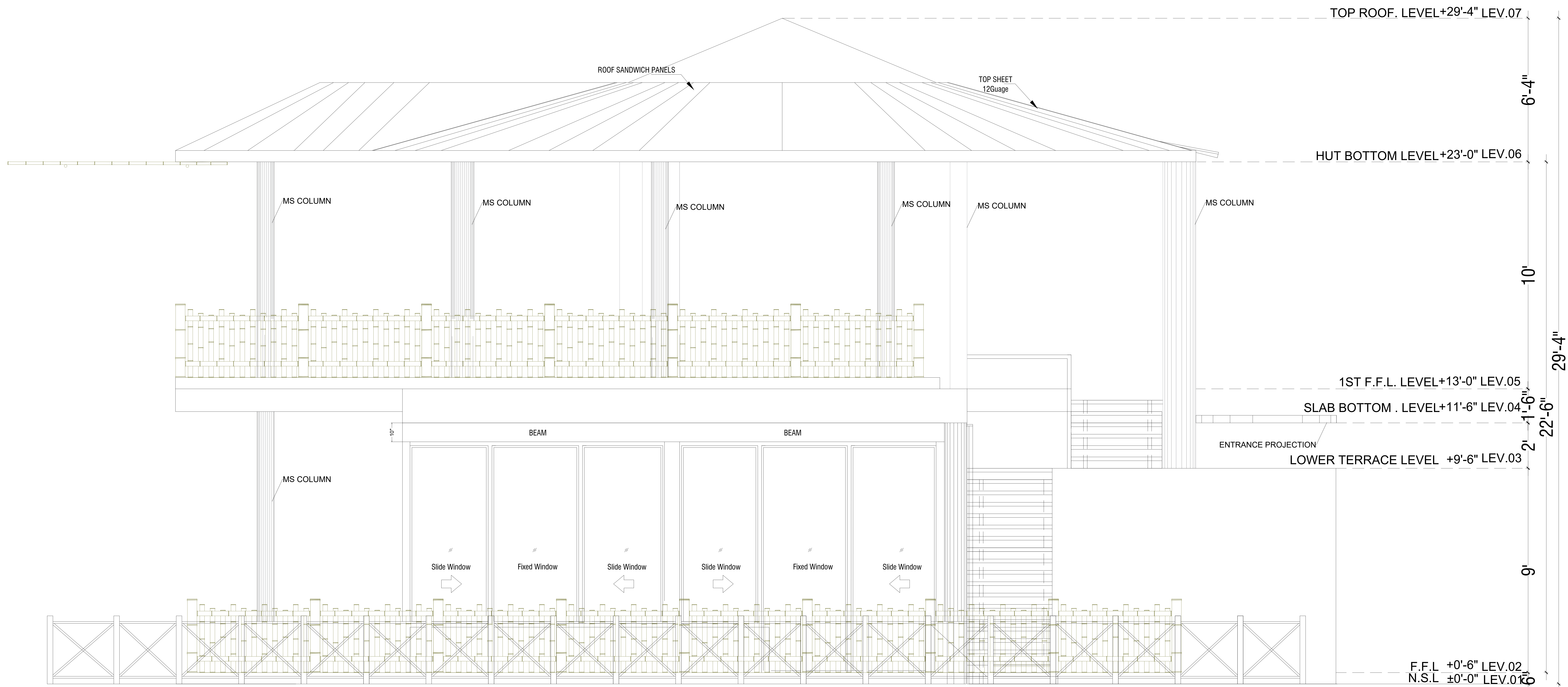
ELEVATION 01

Scale: 1/8" = 1'-0"



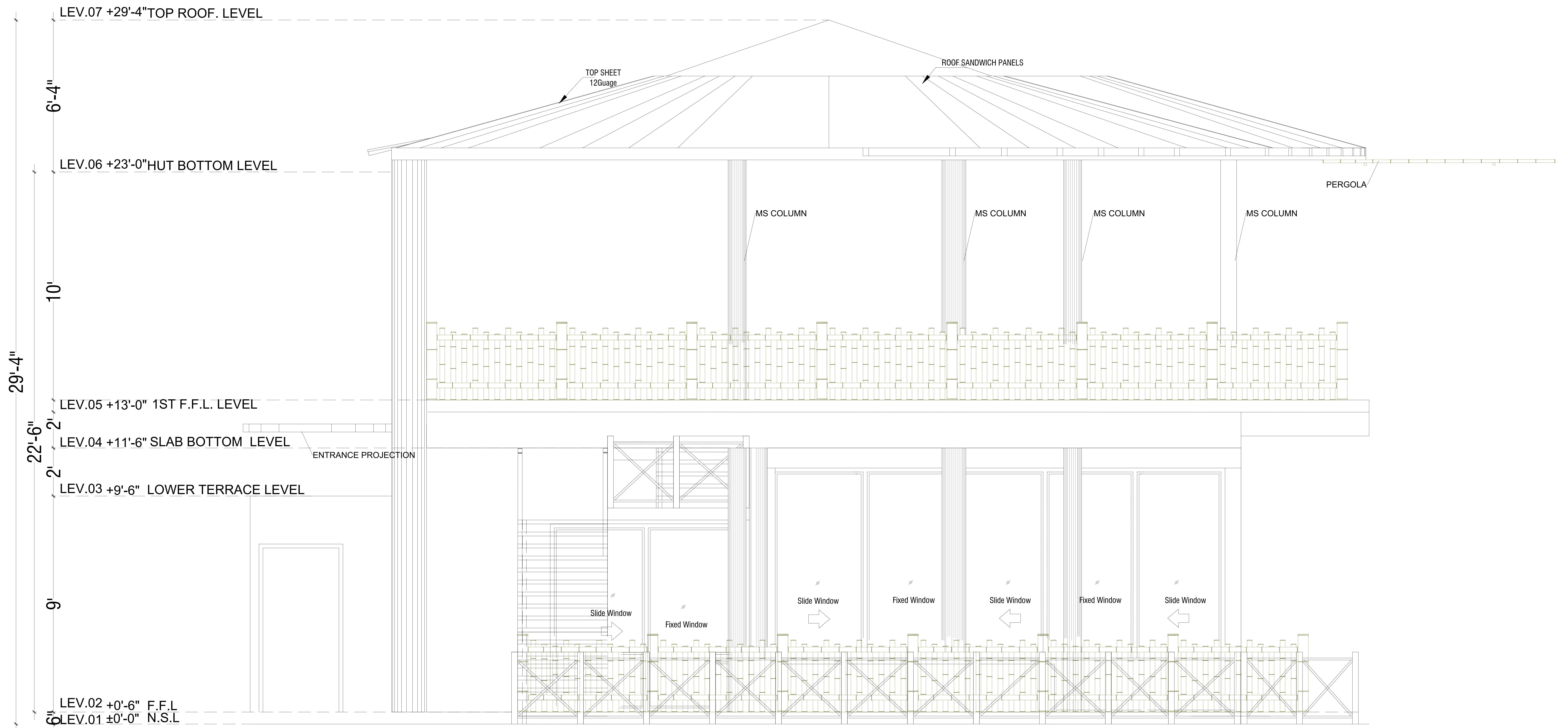
ELEVATION 02

Scale: 1/8" = 1'-0"



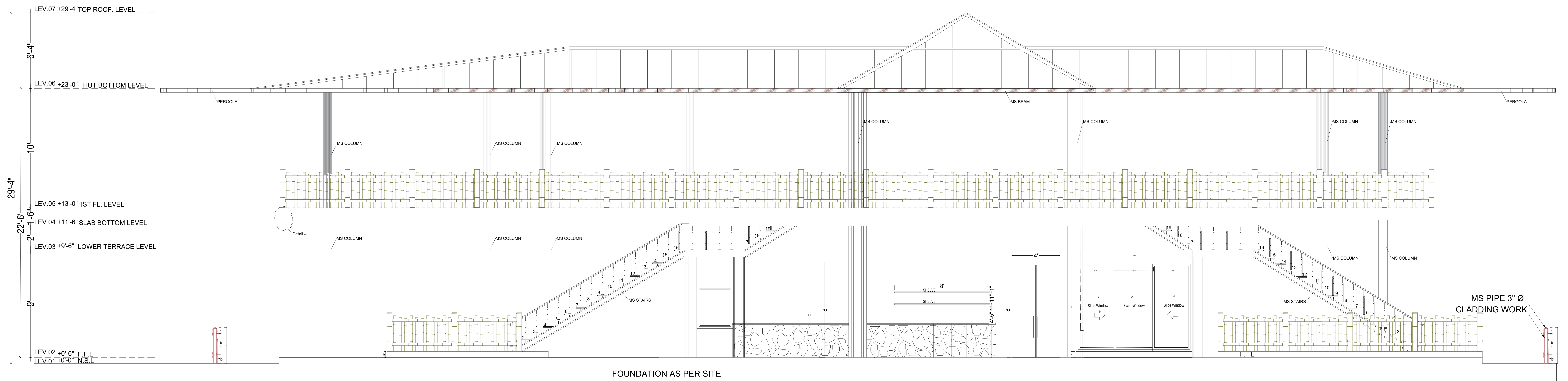
ELEVATION 03

Scale: 1/8" =1'-0"

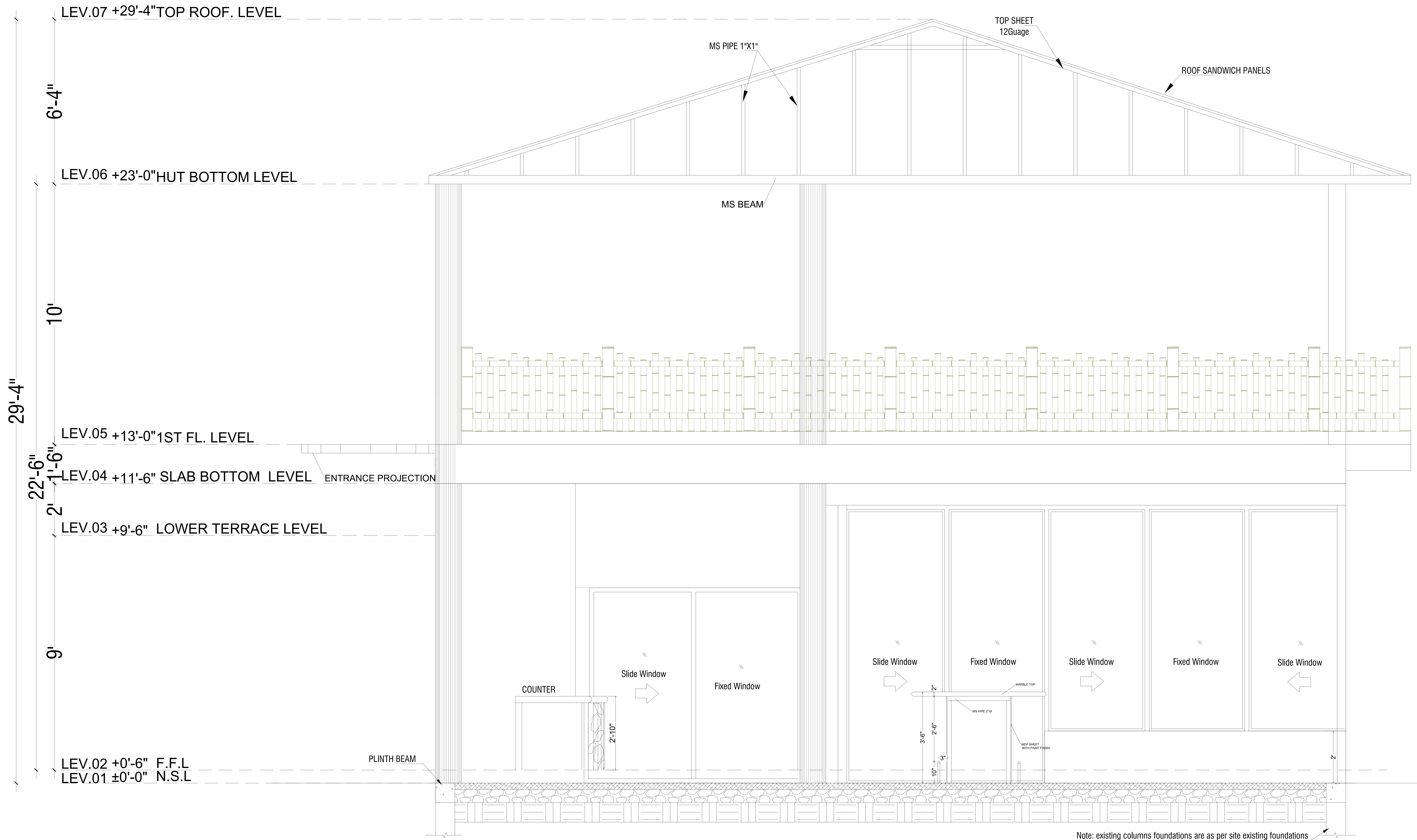


ELEVATION 04

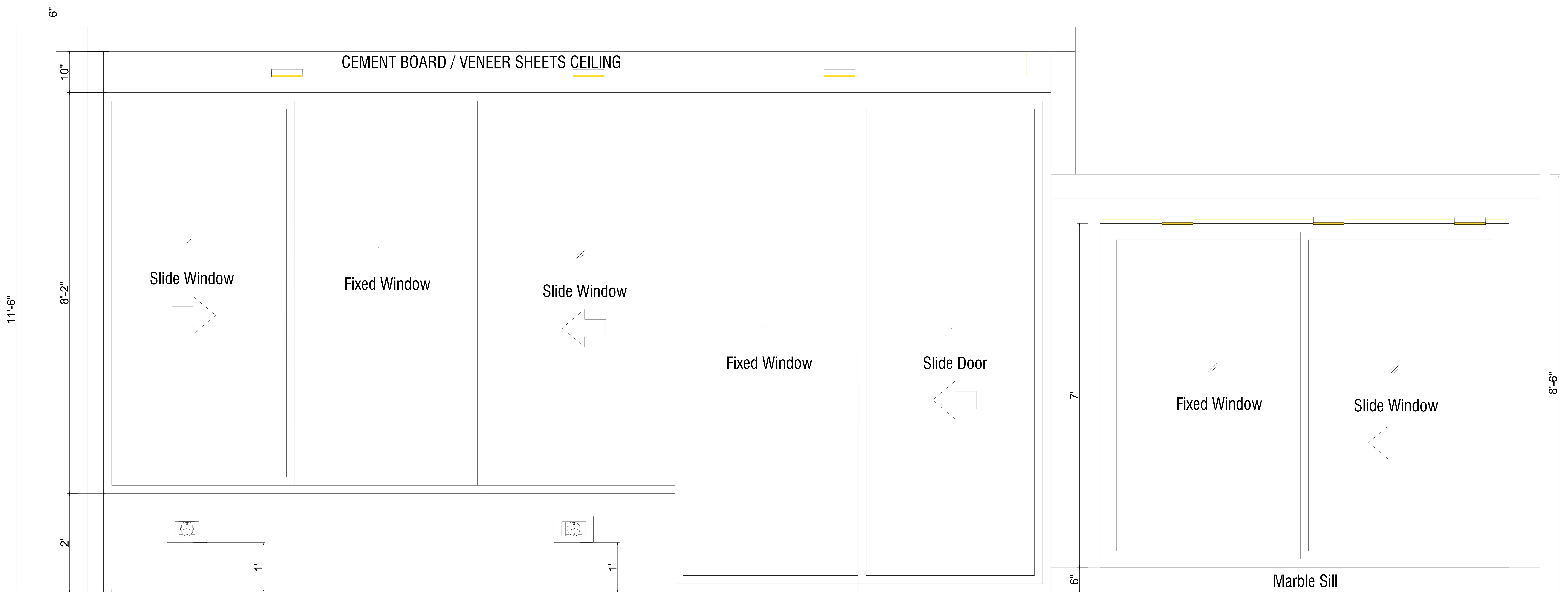
Scale: 1/8" =1'-0"



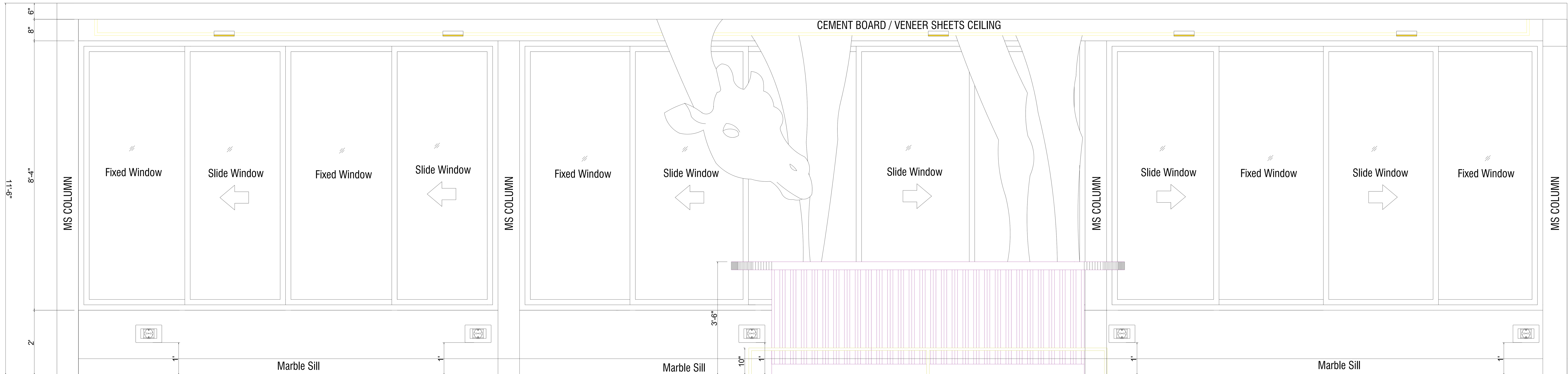
SECTION AT A.A
Scale: 1/8" = 1'-0"



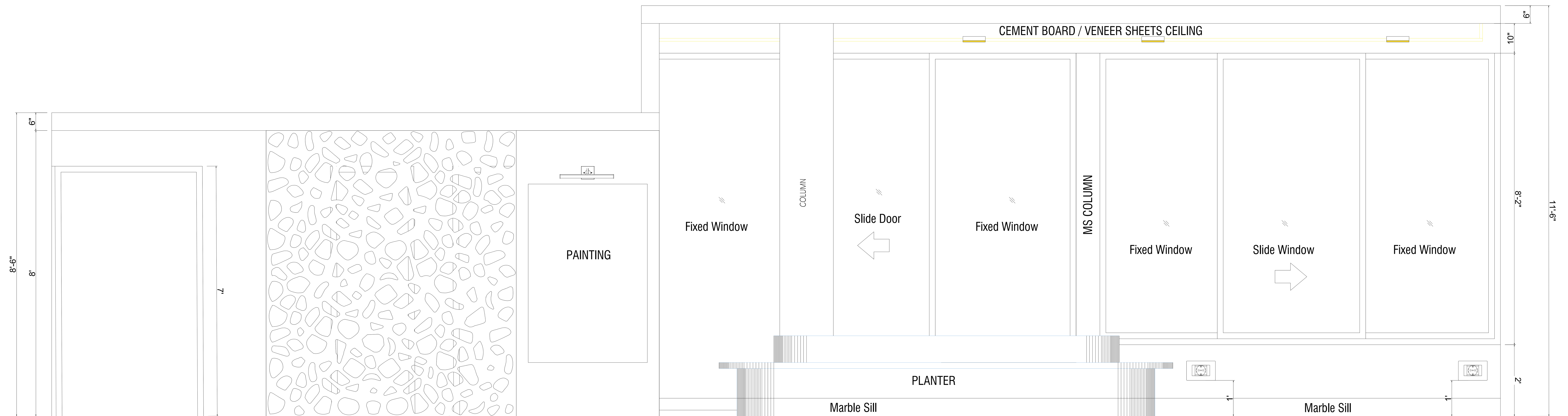
SECTION AT B.B
Scale: 1/8" =1'-0"



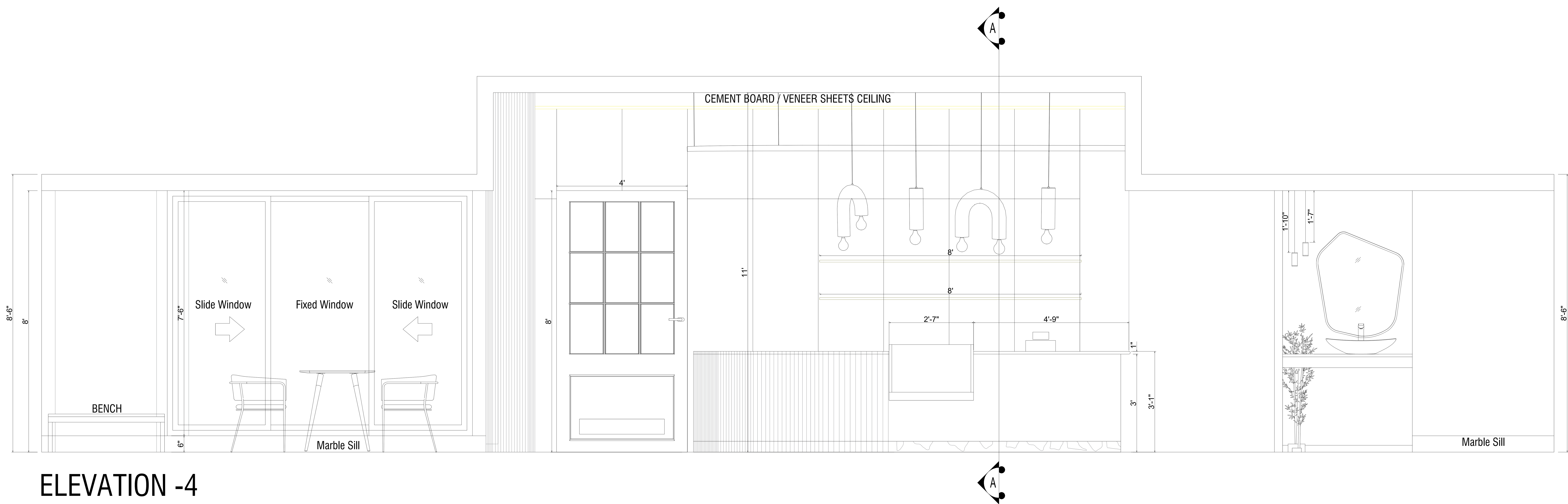
ELEVATION -1

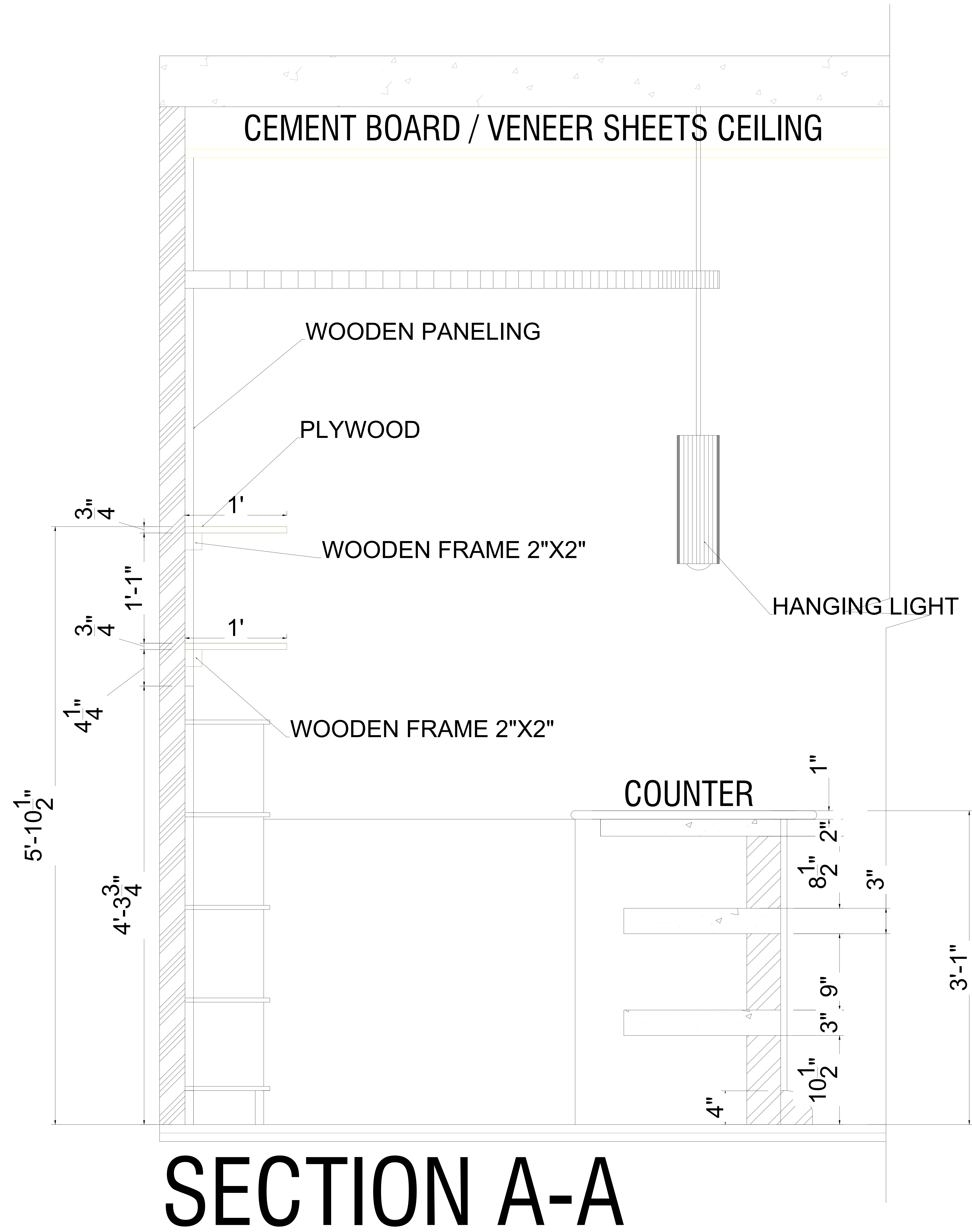


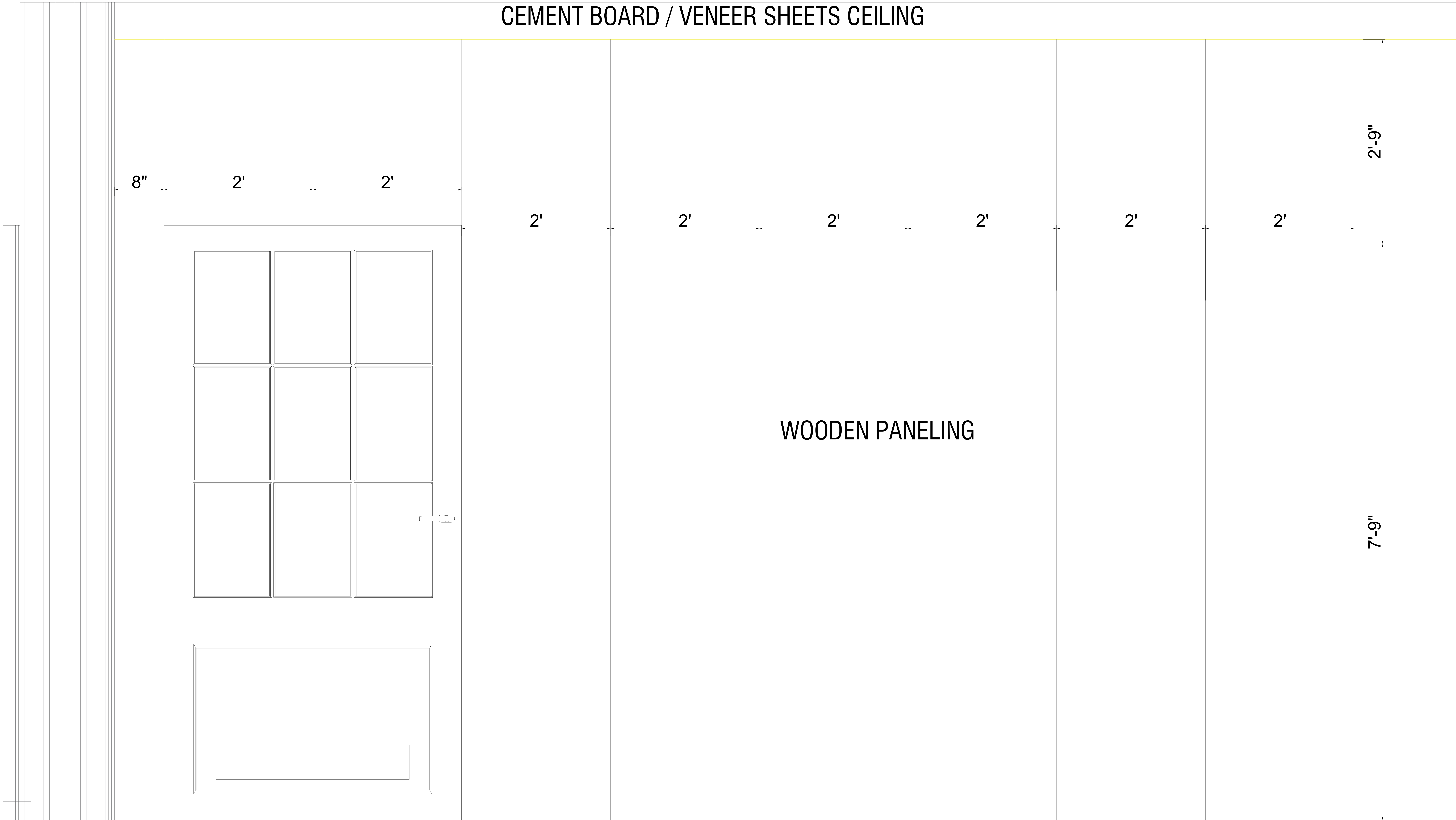
ELEVATION -2

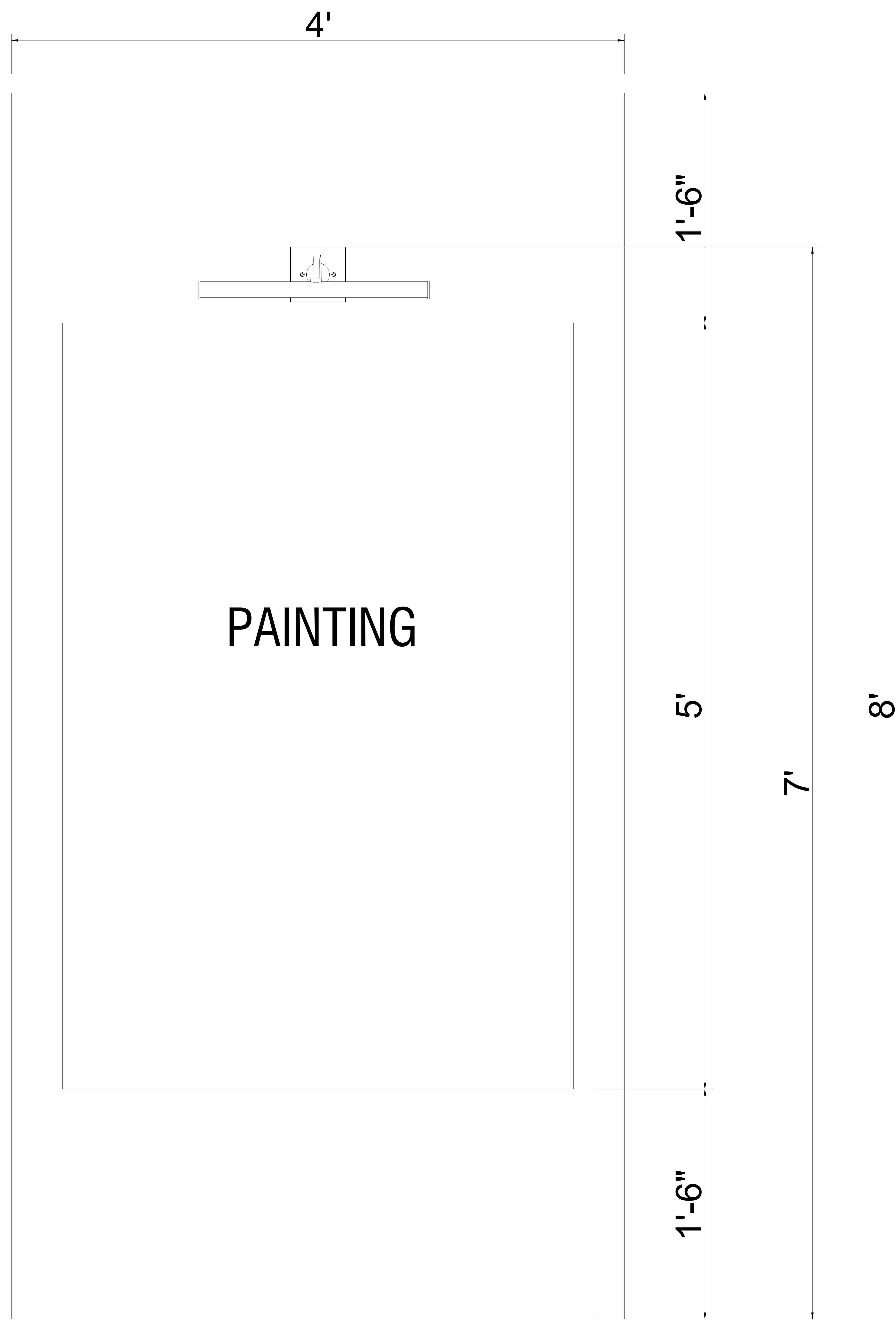


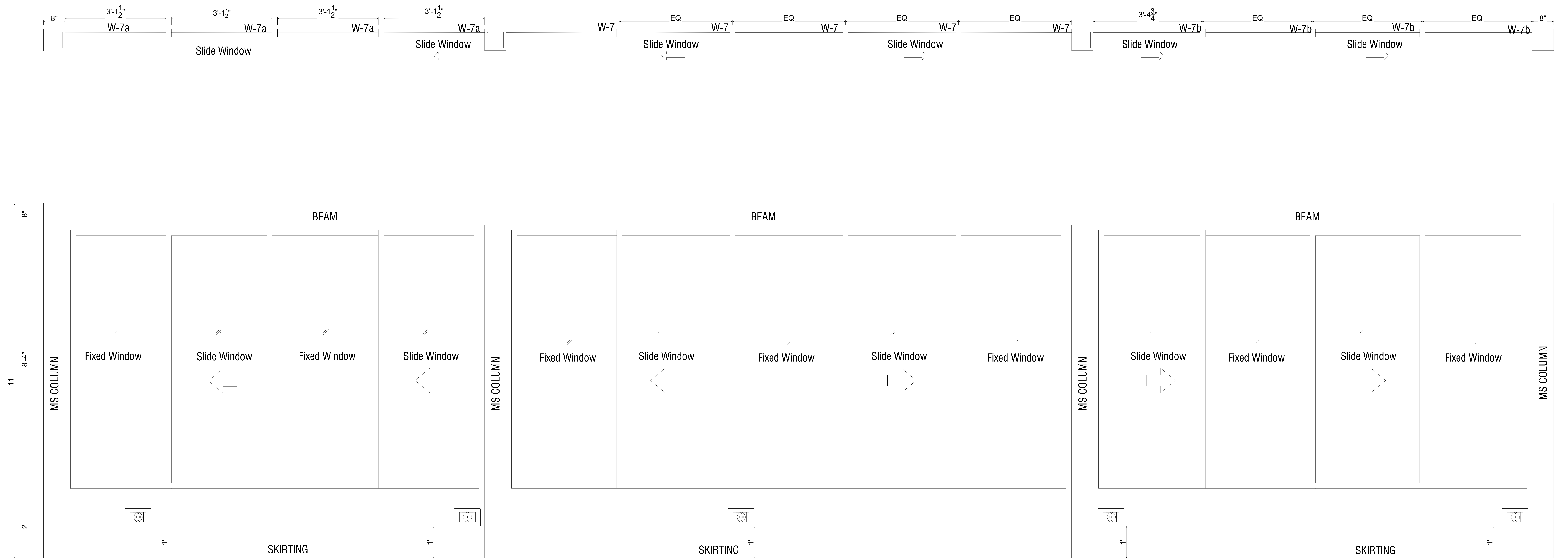
ELEVATION -3

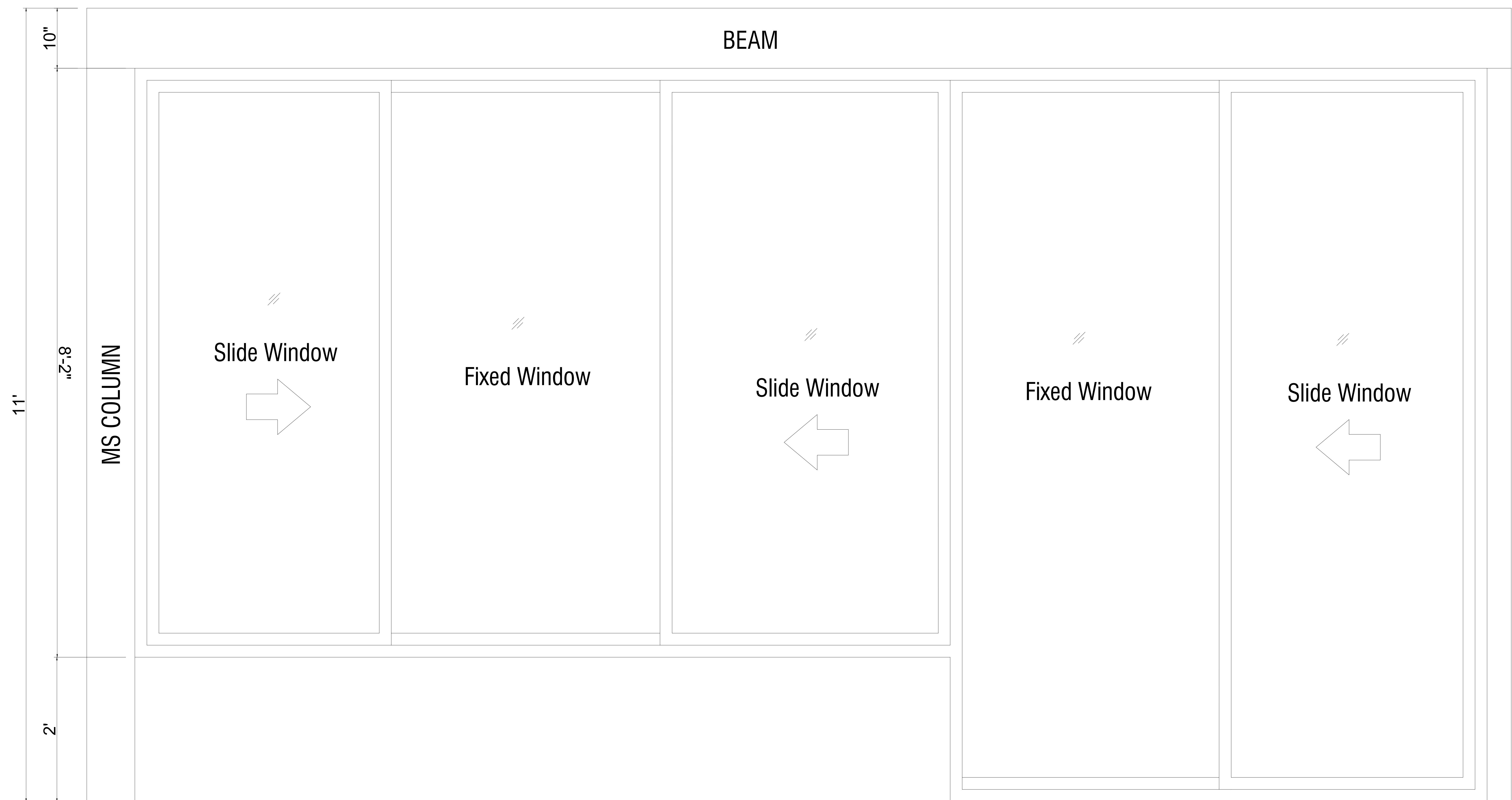
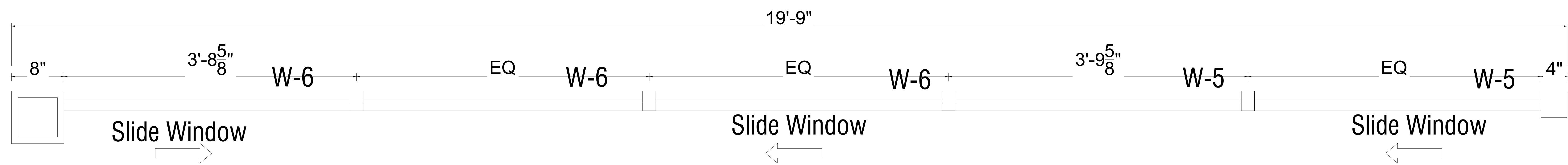


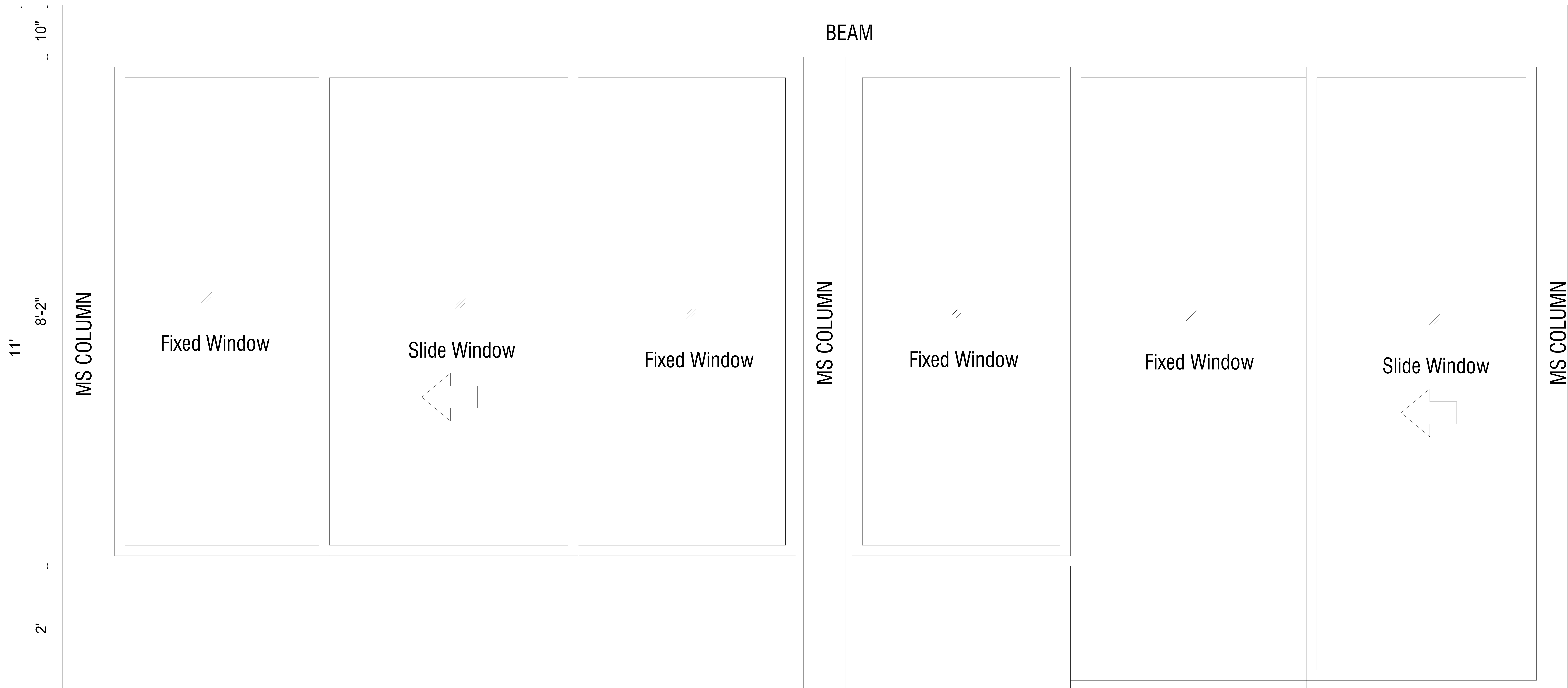
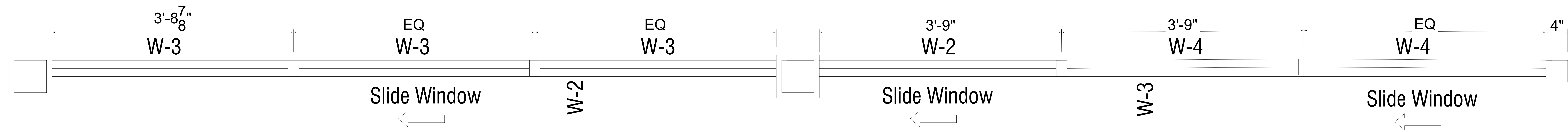


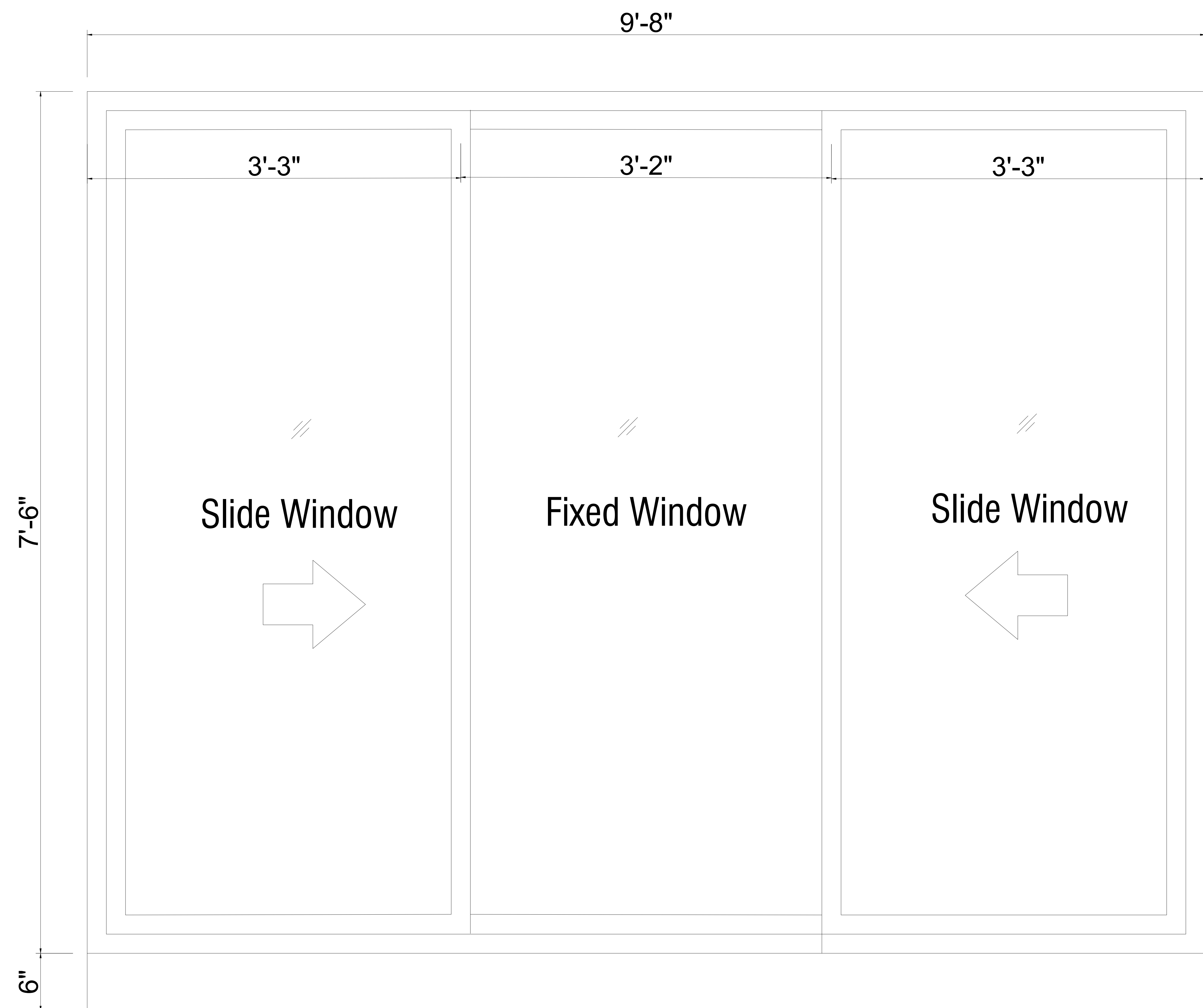
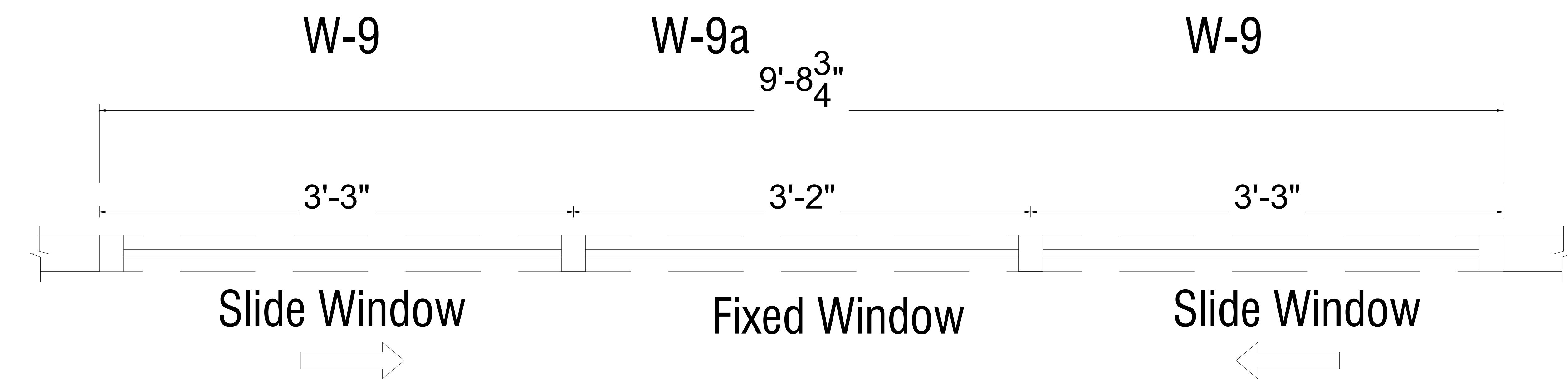


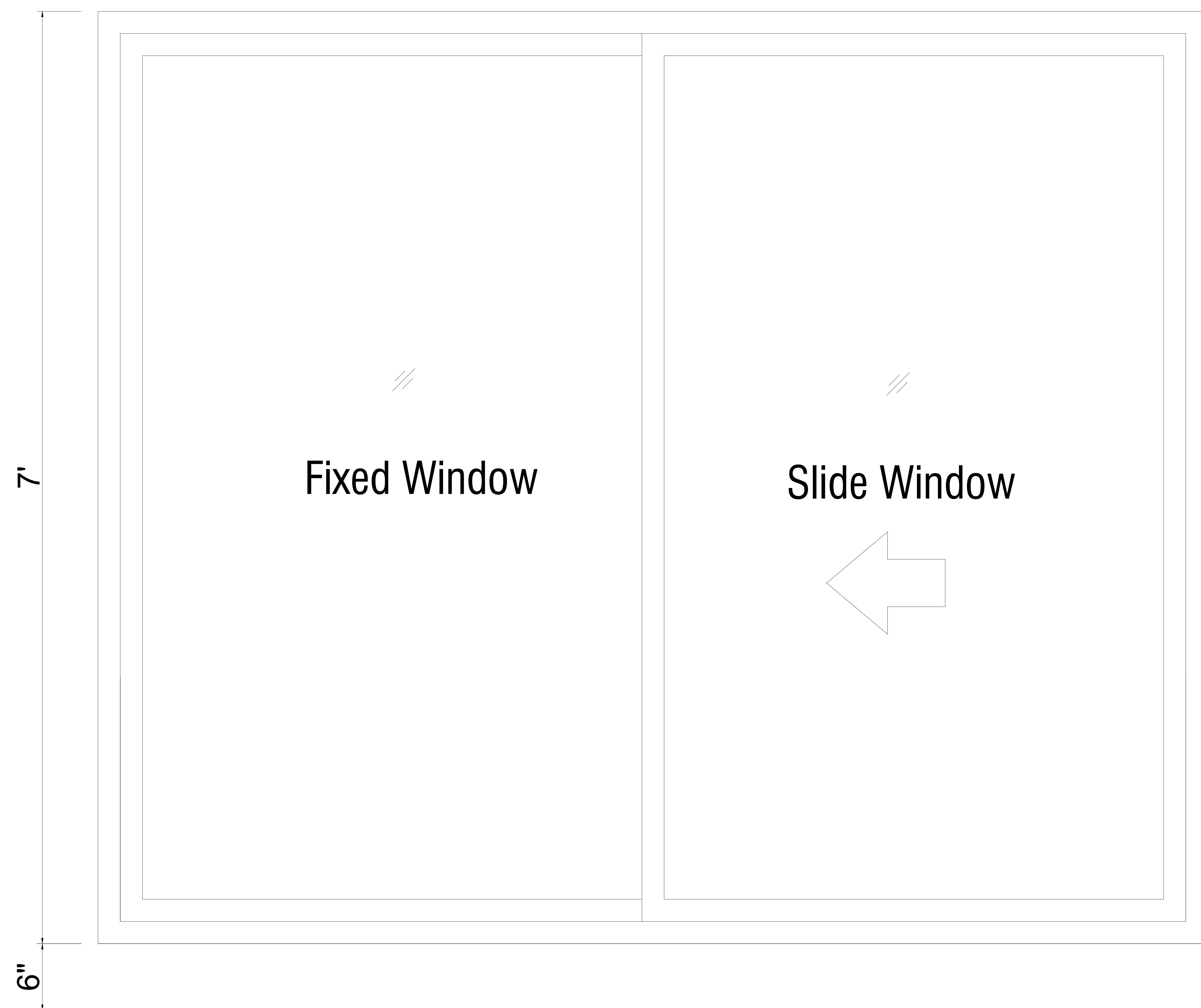
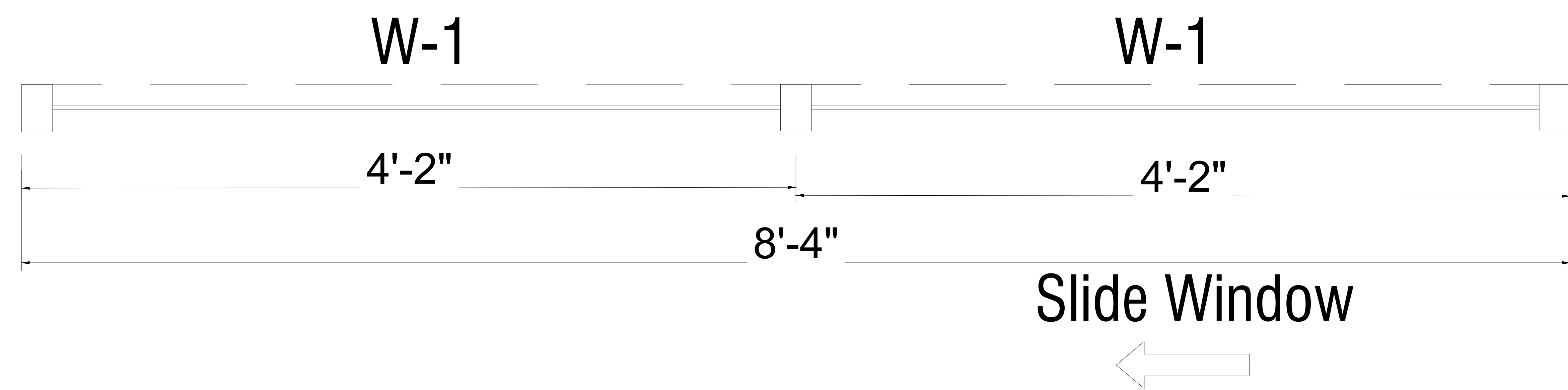


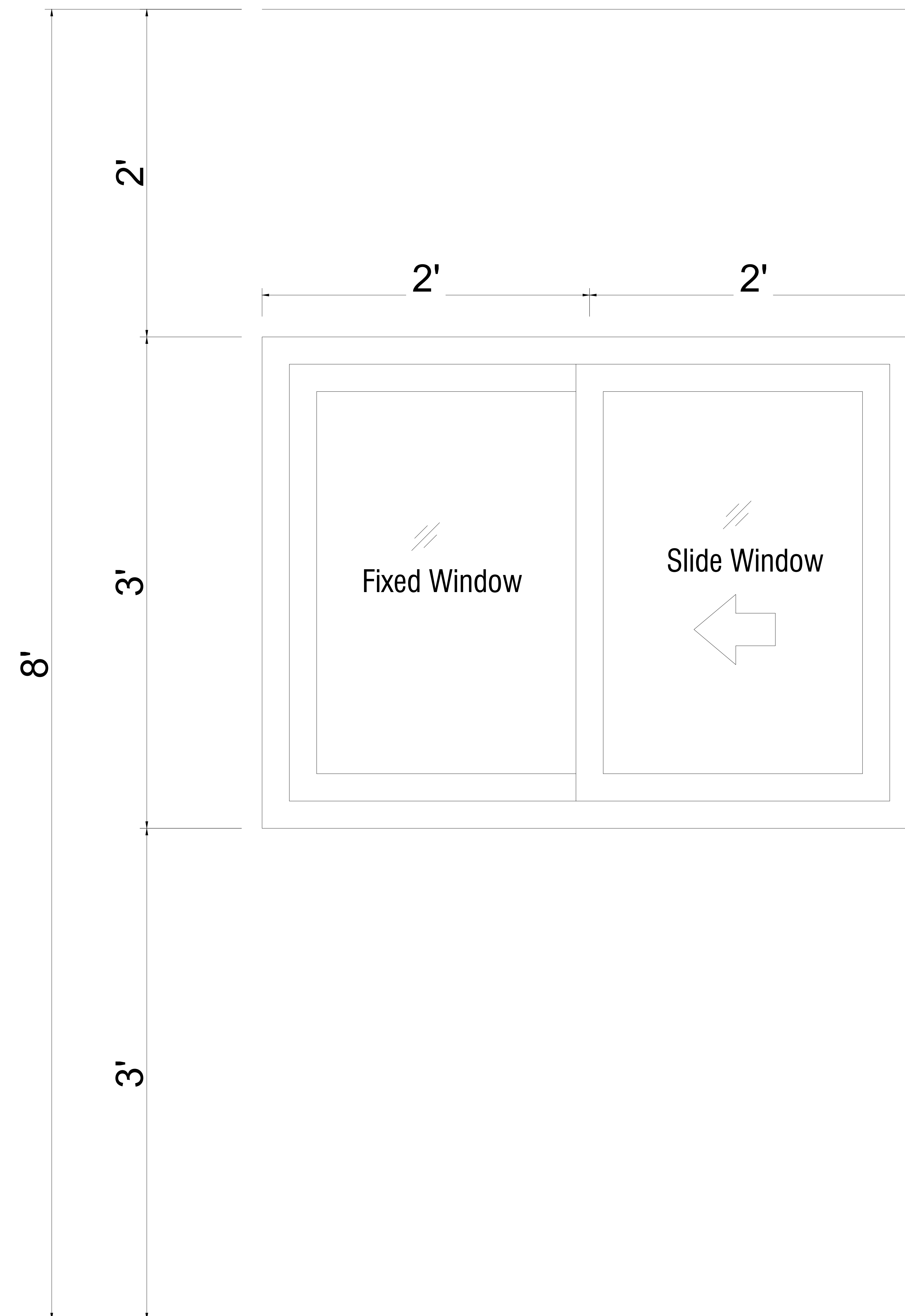
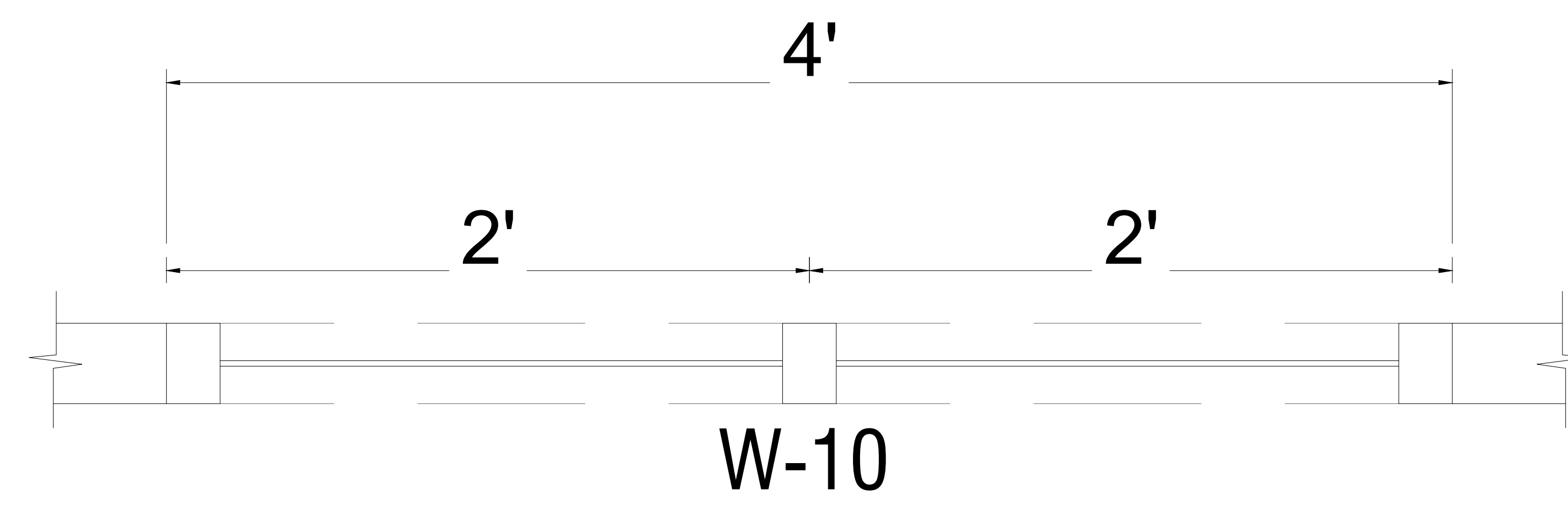






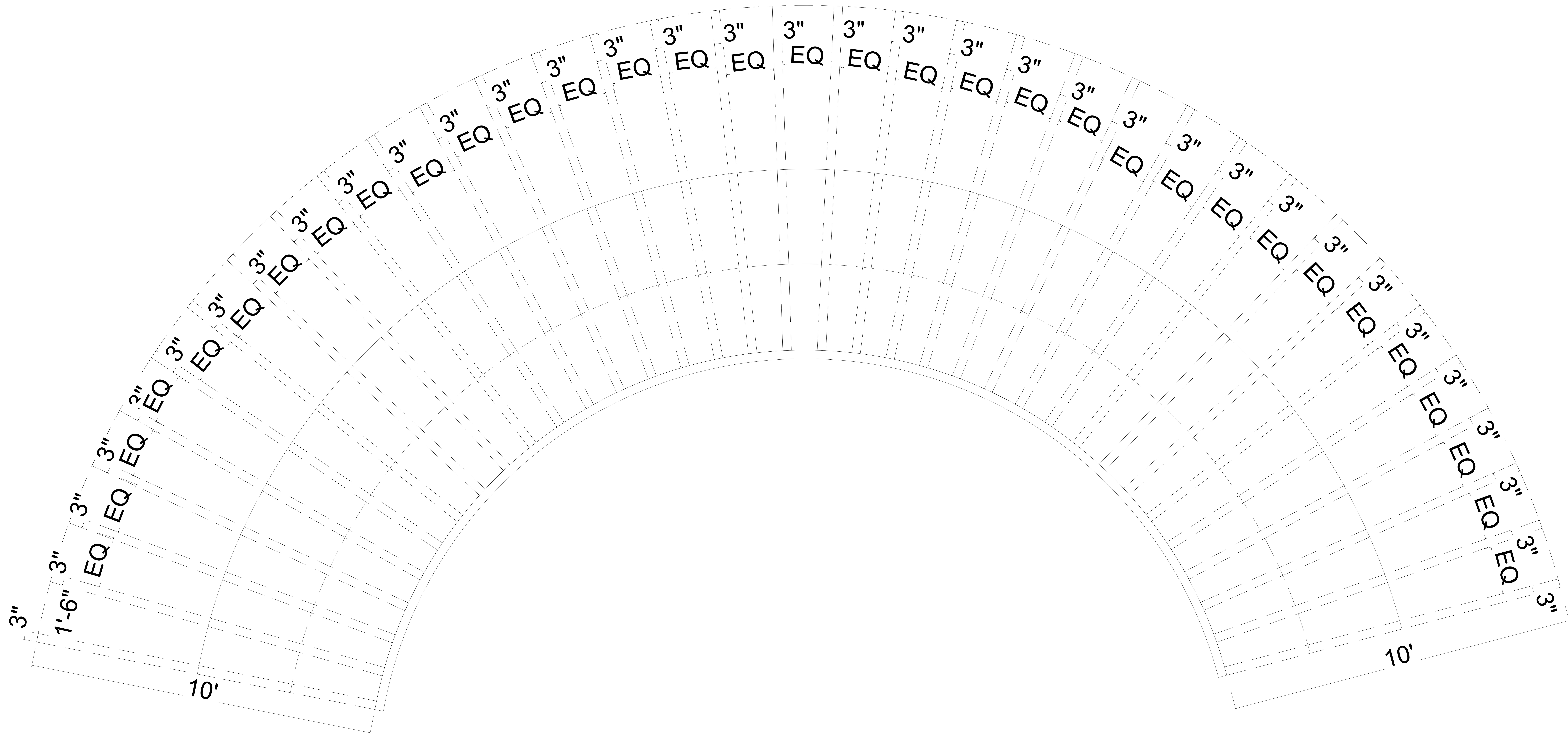


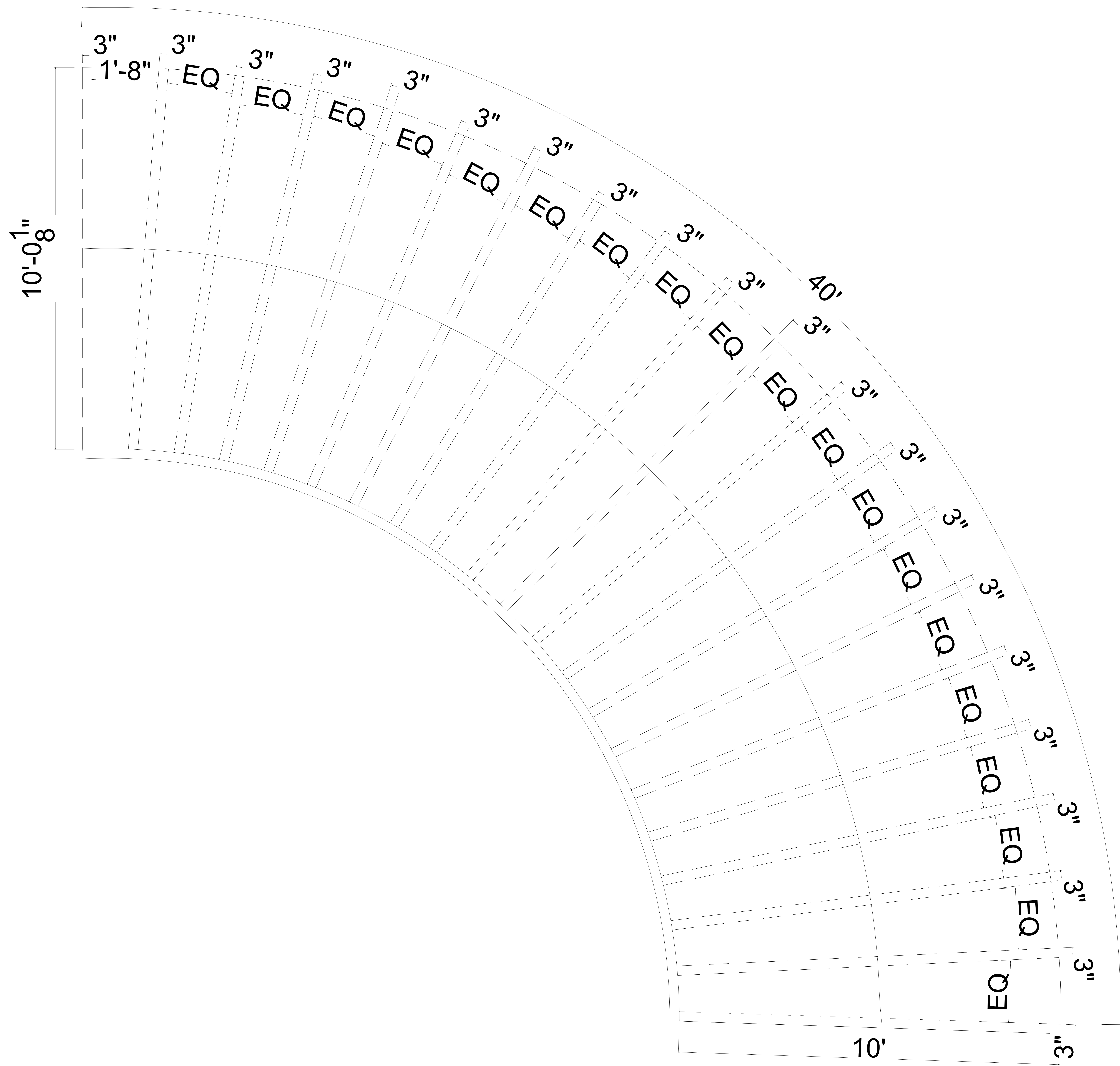


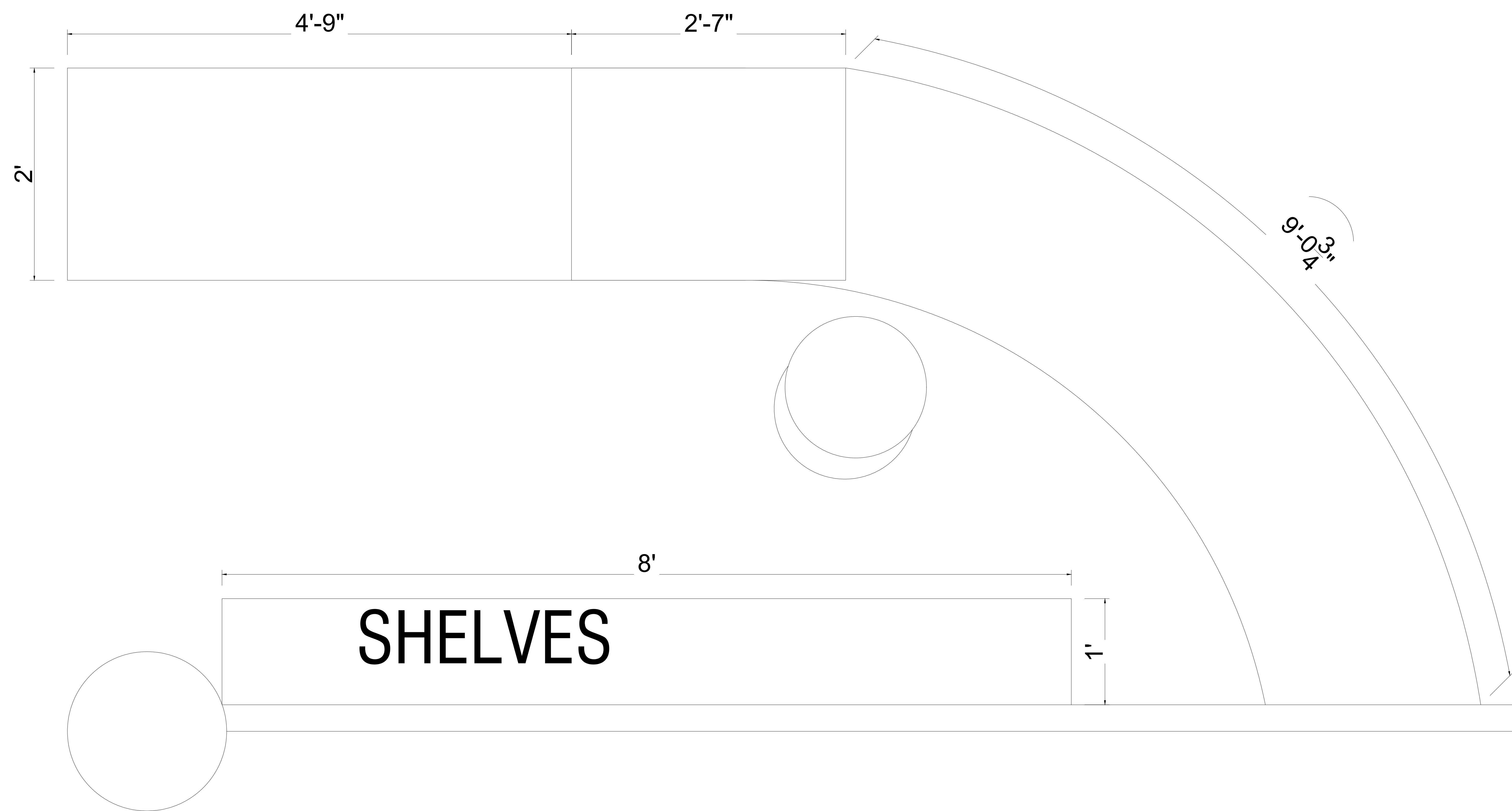
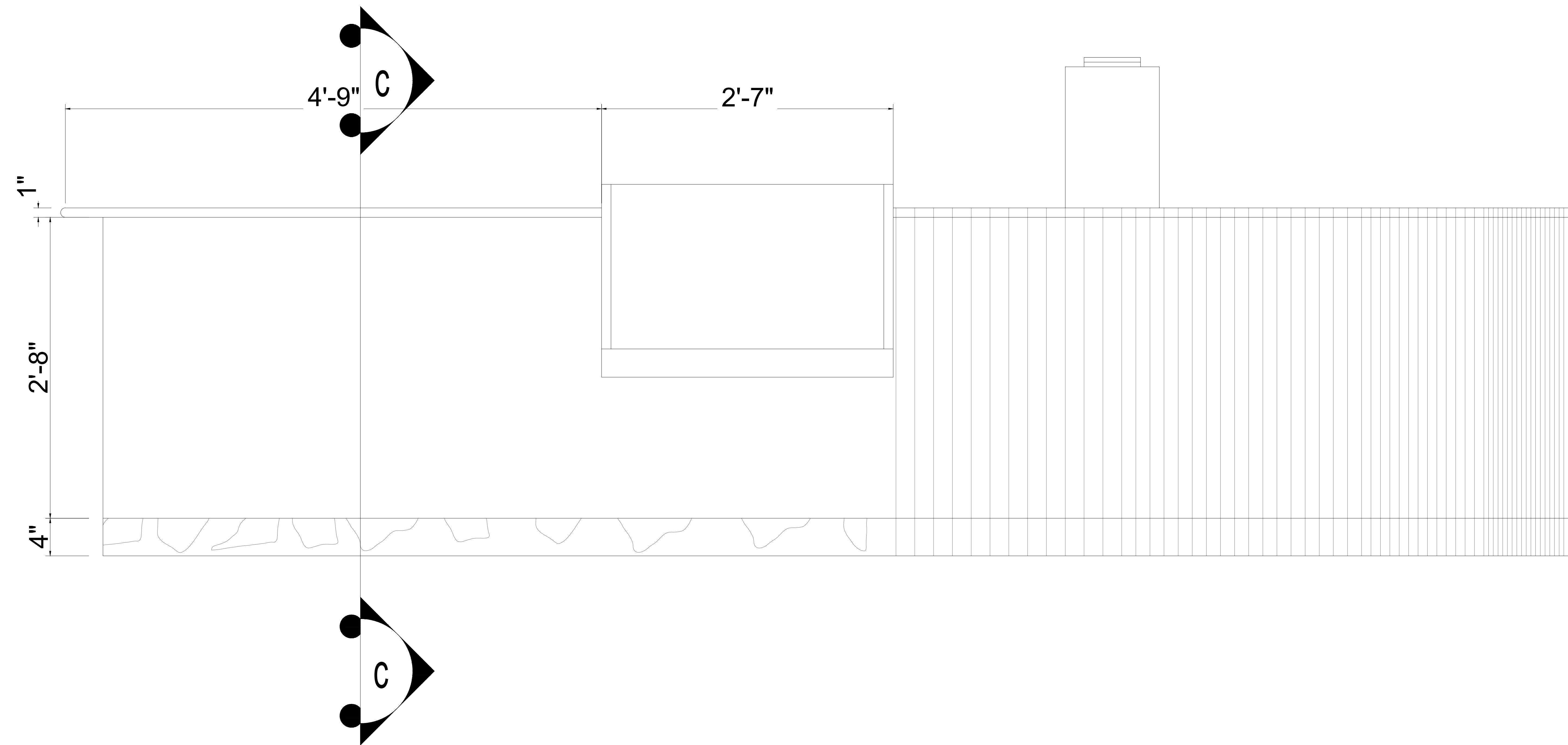


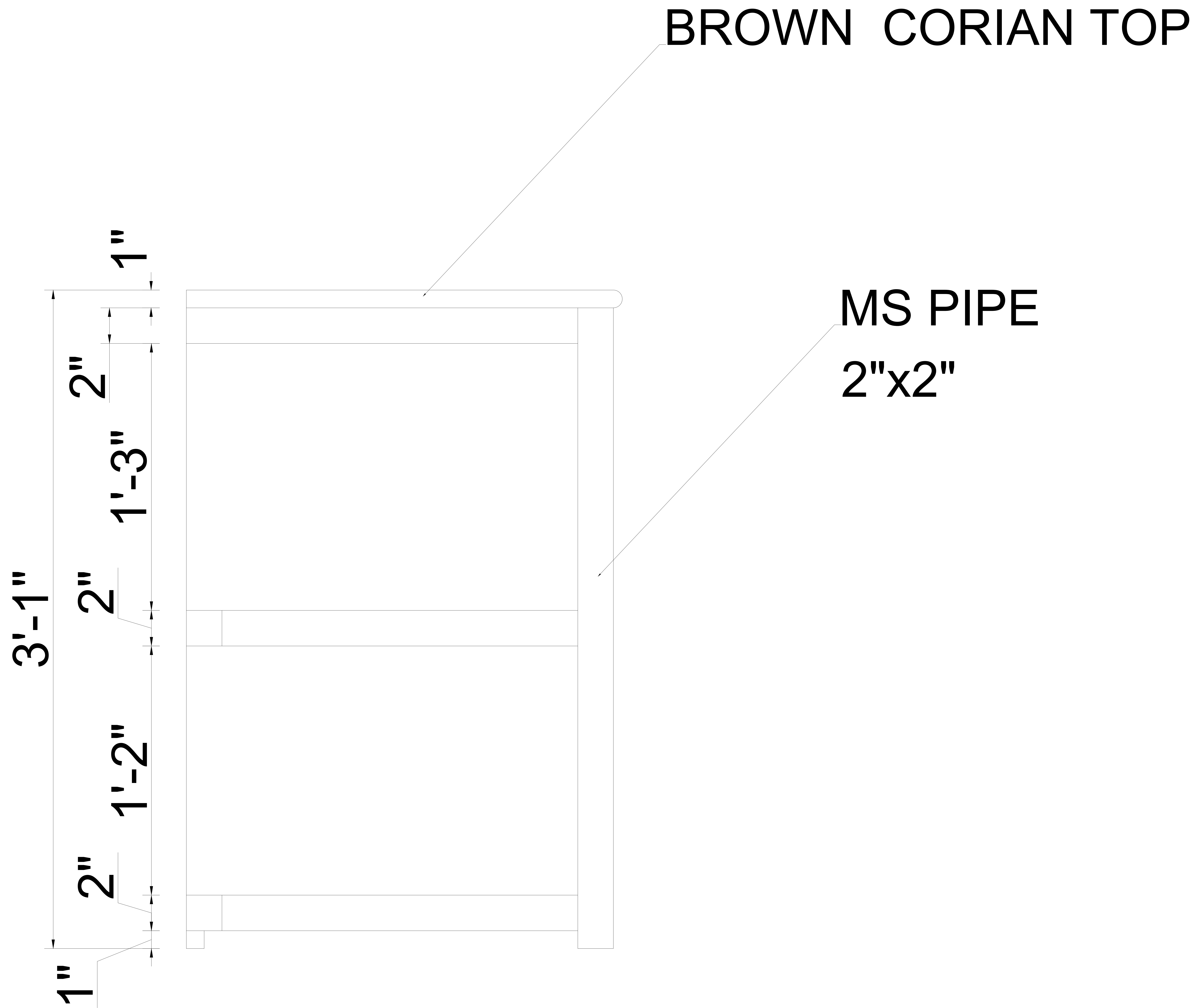
WINDOWS SCHEDULE

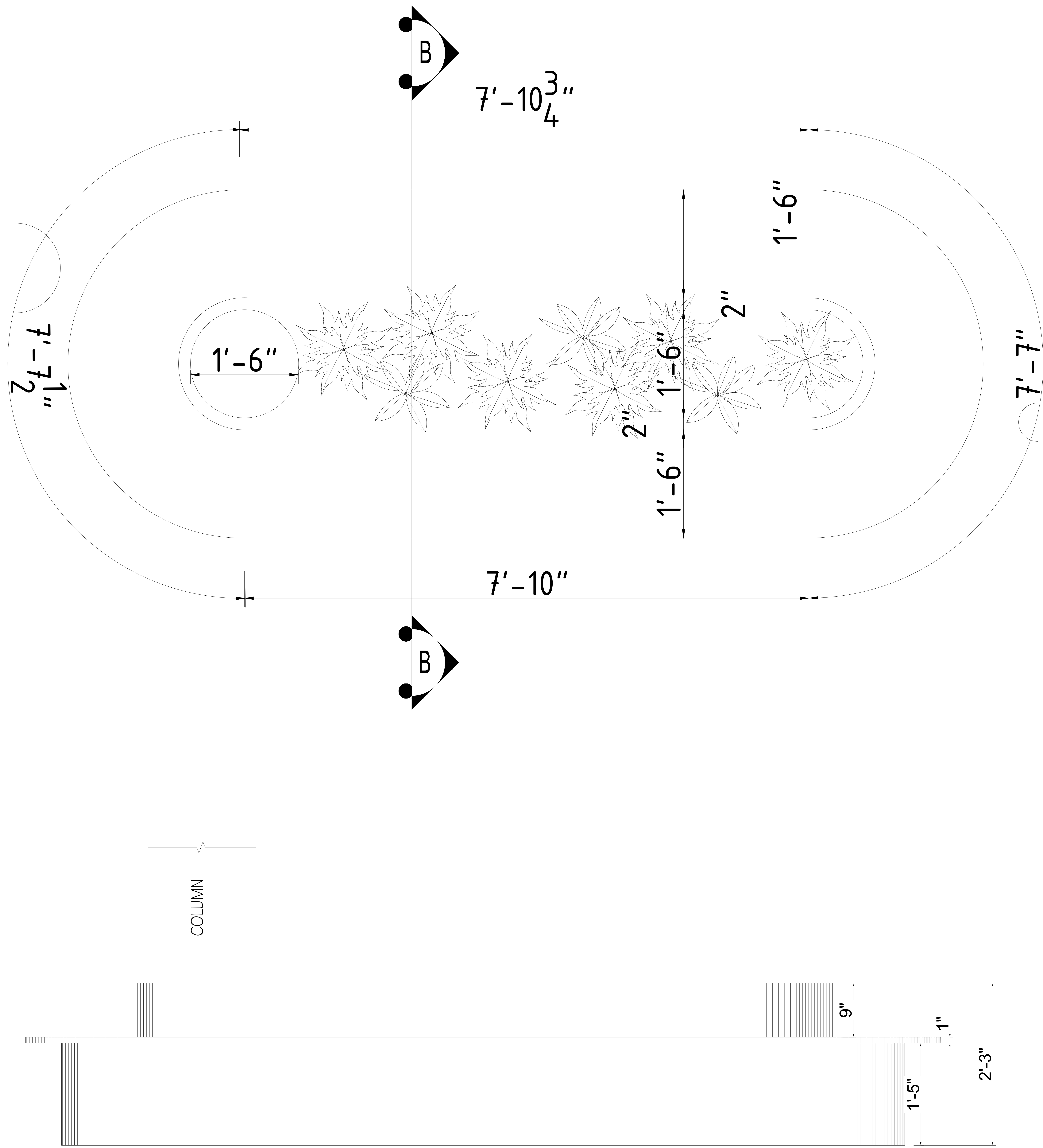
SR.NO	WINDOW	TYPE OF WINDOW	SILL LEVEL	NO OF WINDOW	WINDOW SIZE L x H
1.	W-1	ALUMINUM WINDOW	0'-6"	02	4'-2" x 7'-0"
2.	W-2	ALUMINUM WINDOW	2'-0"	04	3'-9" x 8'-2"
3.	W-3	ALUMINUM WINDOW	2'-0"	02	3'-8 ⁷ / ₈ " x 8'-2"
4.	W-4	ALUMINUM WINDOW	0'-0"	01	3'-9" x 10'-2"
5.	W-5	ALUMINUM WINDOW	0'-0"	02	3'-9 ⁵ / ₈ " x 10'-2"
6.	W-6	ALUMINUM WINDOW	2'-0"	02	3'-8 ⁵ / ₈ " x 8'-2"
7.	W-7	ALUMINUM WINDOW	2'-0"	05	3'-6" x 8'-4"
8.	W-7a	ALUMINUM WINDOW	2'-0"	04	3'-1 ¹ / ₂ " x 8'-4"
9.	W-7b	ALUMINUM WINDOW	2'-0"	04	3'-4 ³ / ₄ " x 8'-4"
10.	W-9	ALUMINUM WINDOW	0'-6"	02	3'-3" x 7'-6"
11.	W-9a	ALUMINUM WINDOW	0'-6"	01	3'-2" x 7'-6"
12.	W-10	ALUMINUM WINDOW	3'-0"	01	4'-0" x 3'-0"

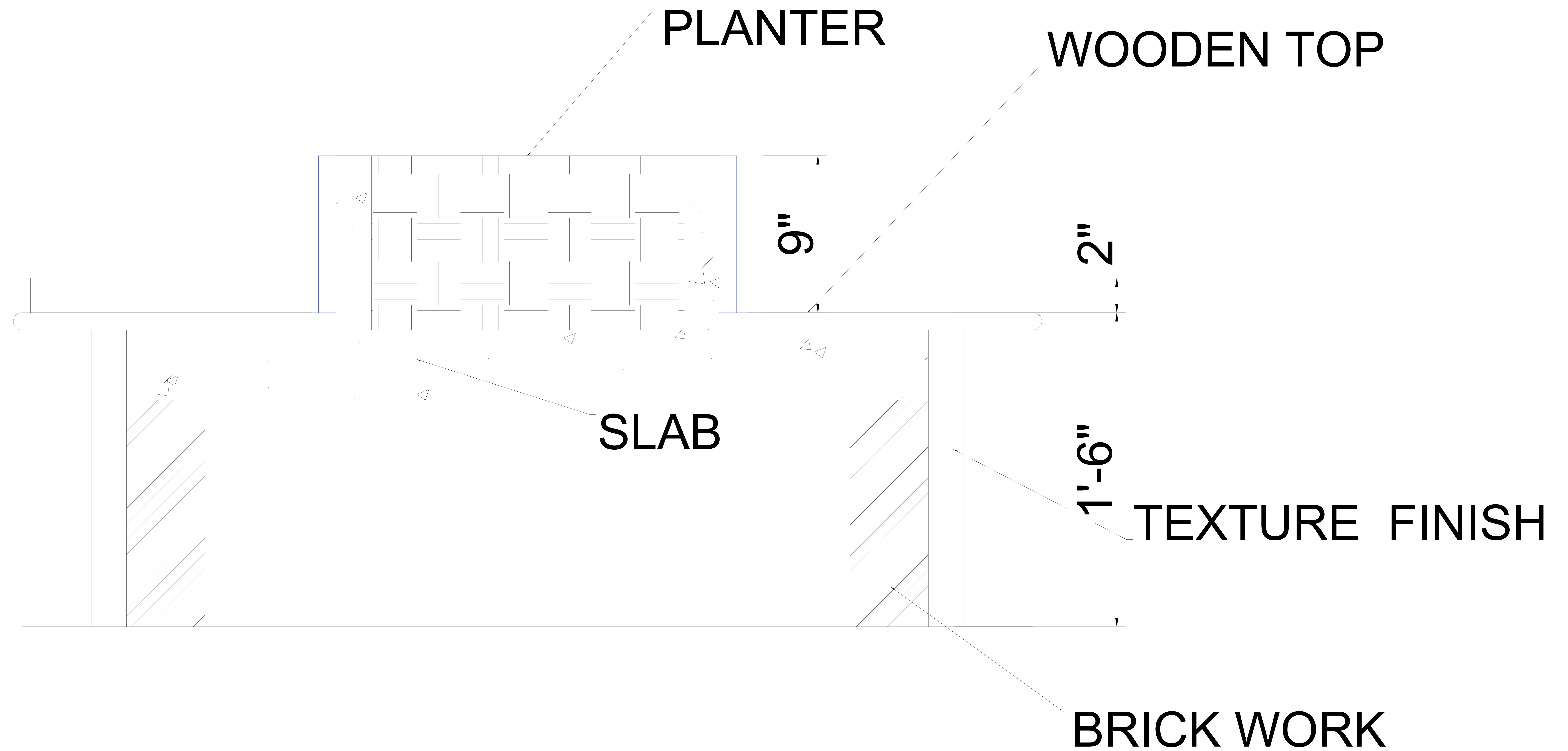


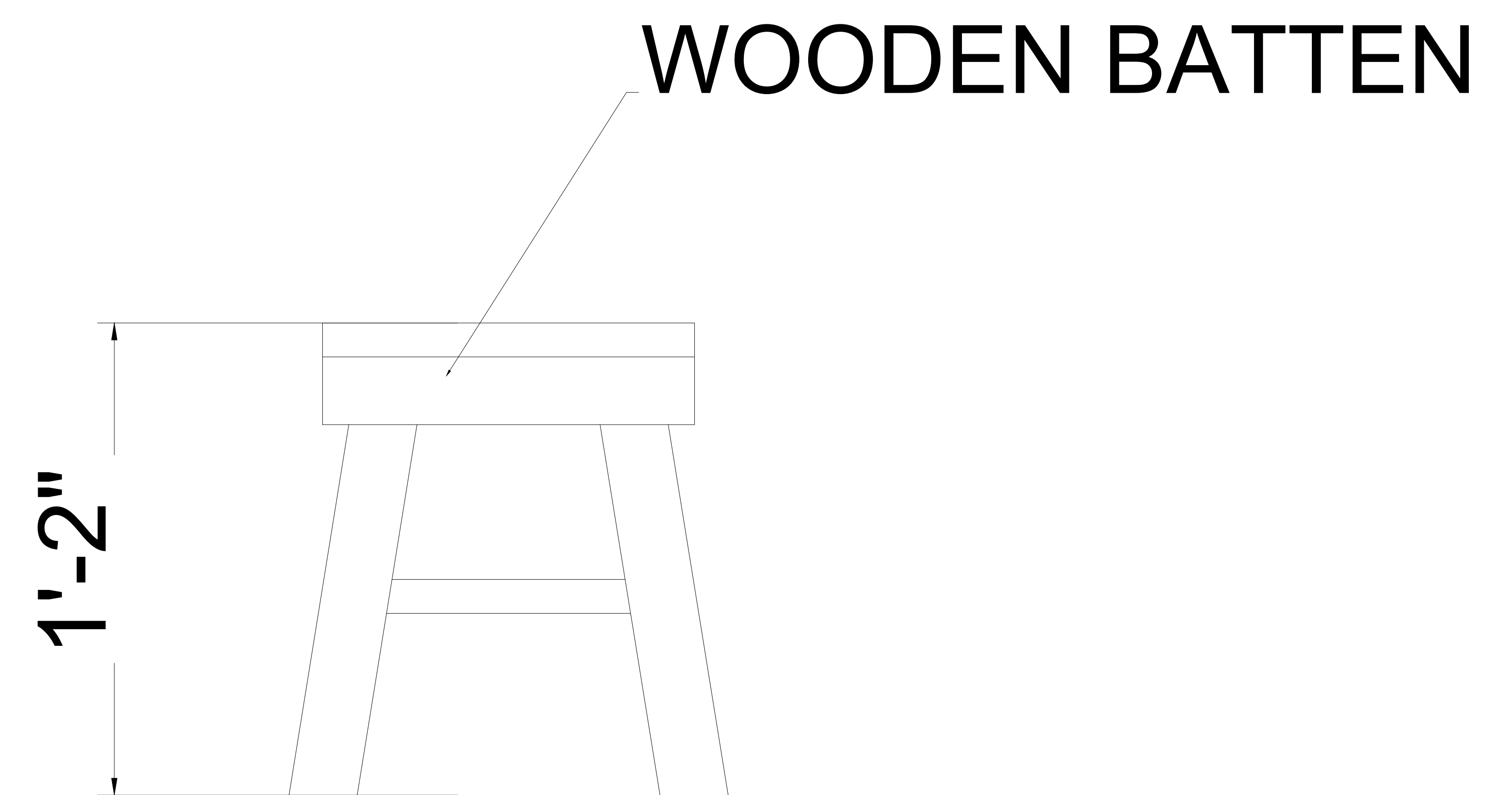
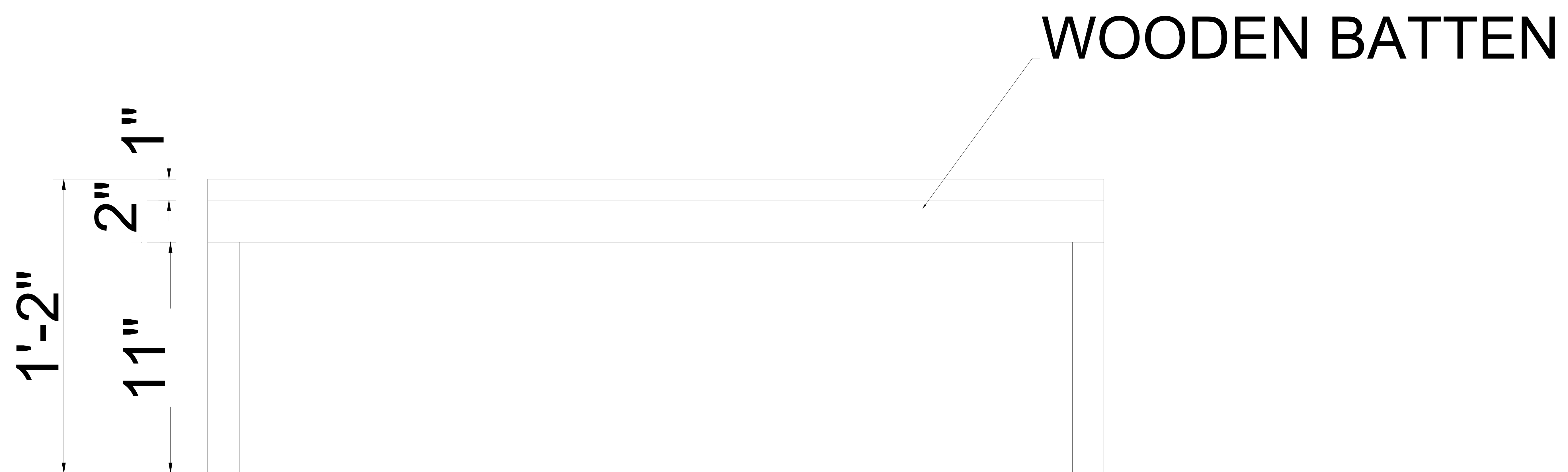
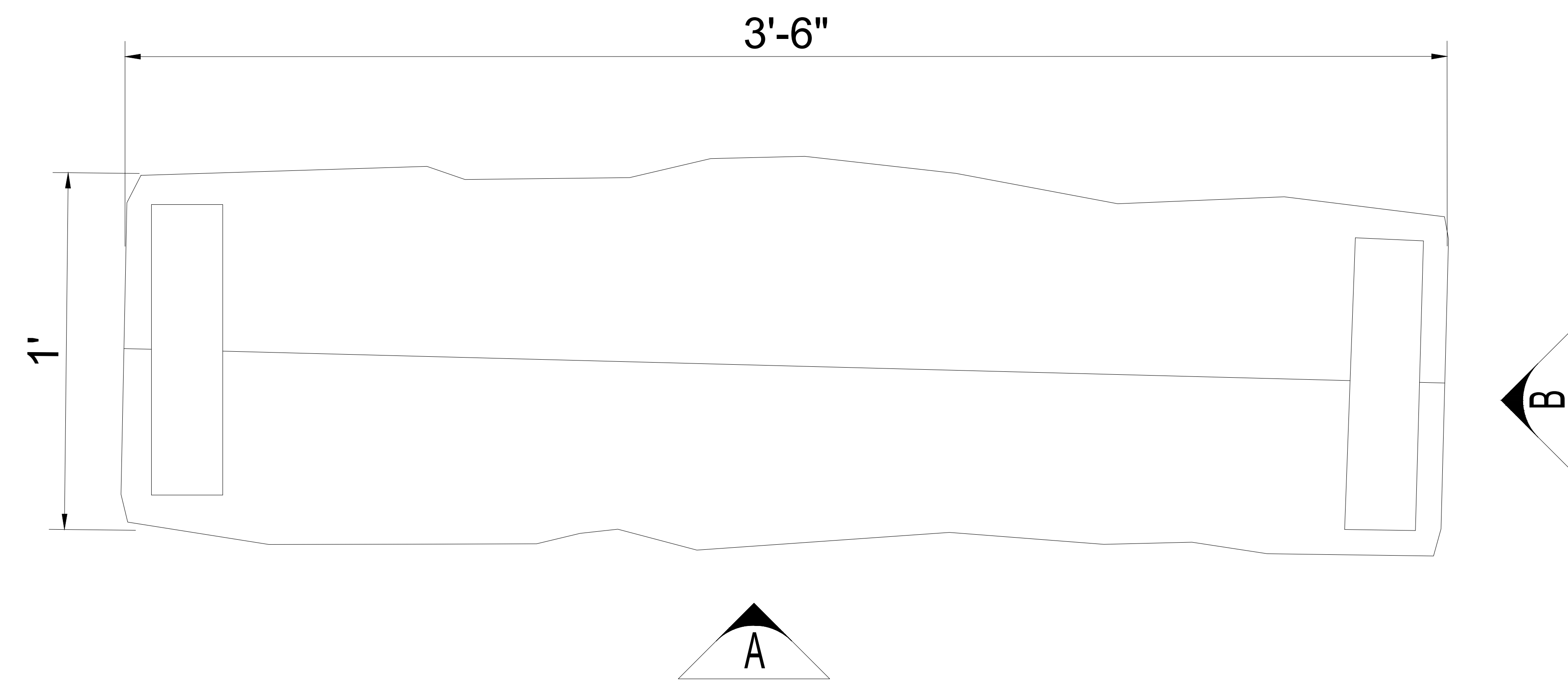




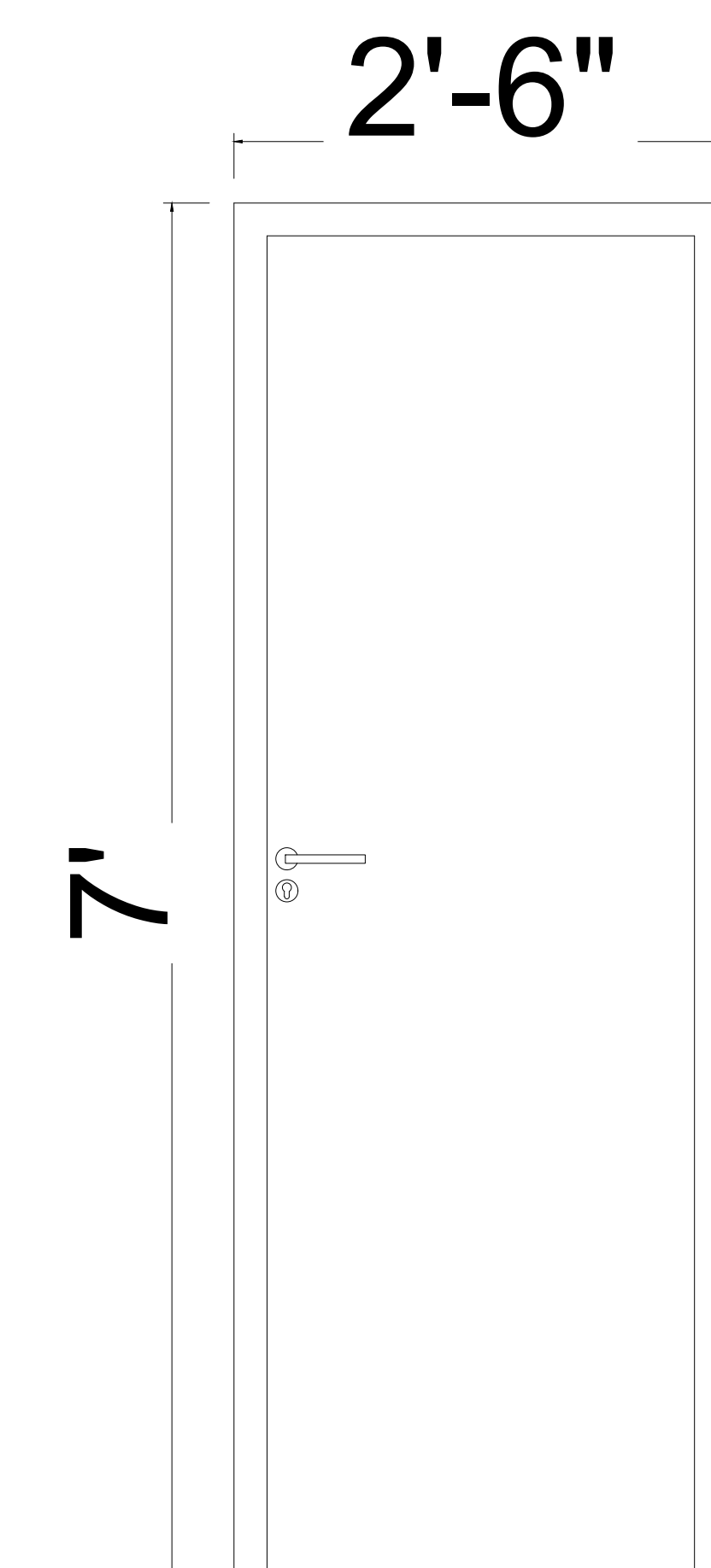
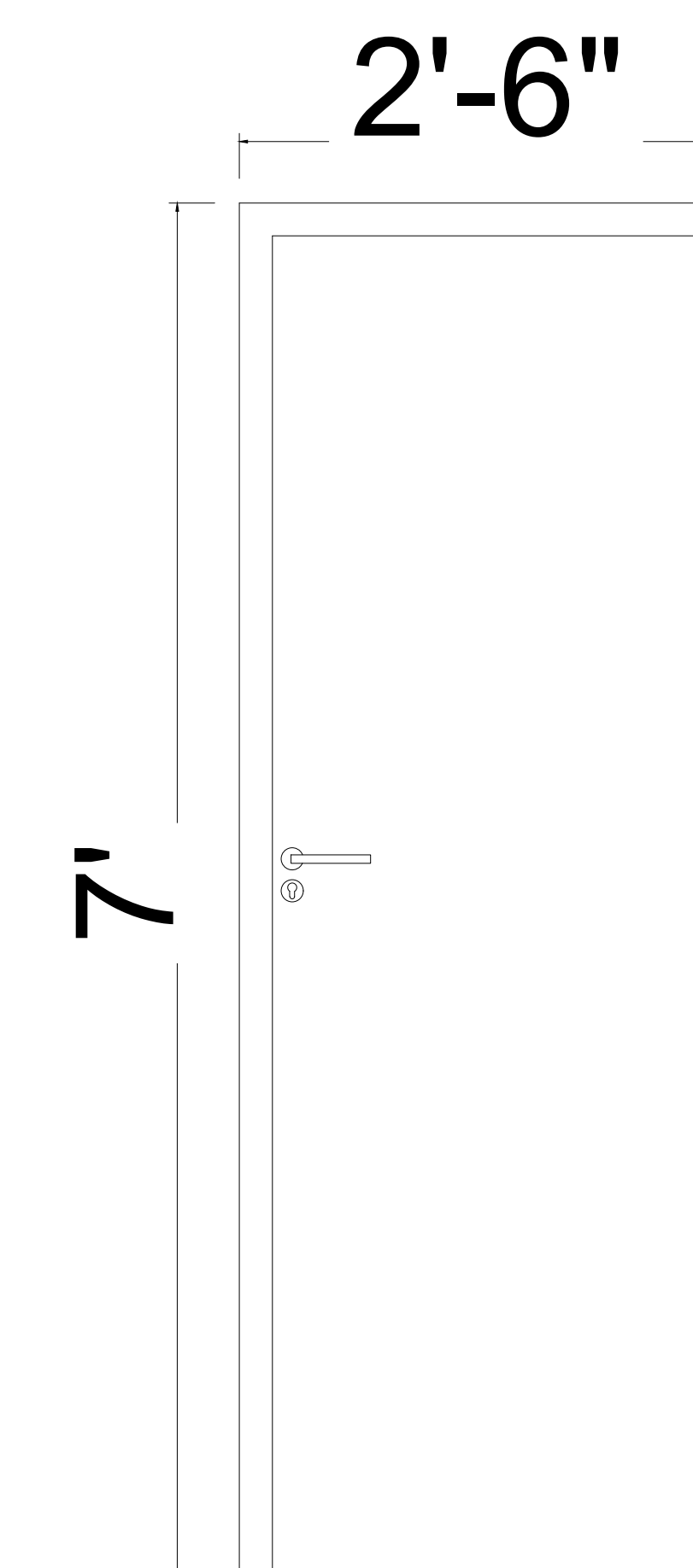
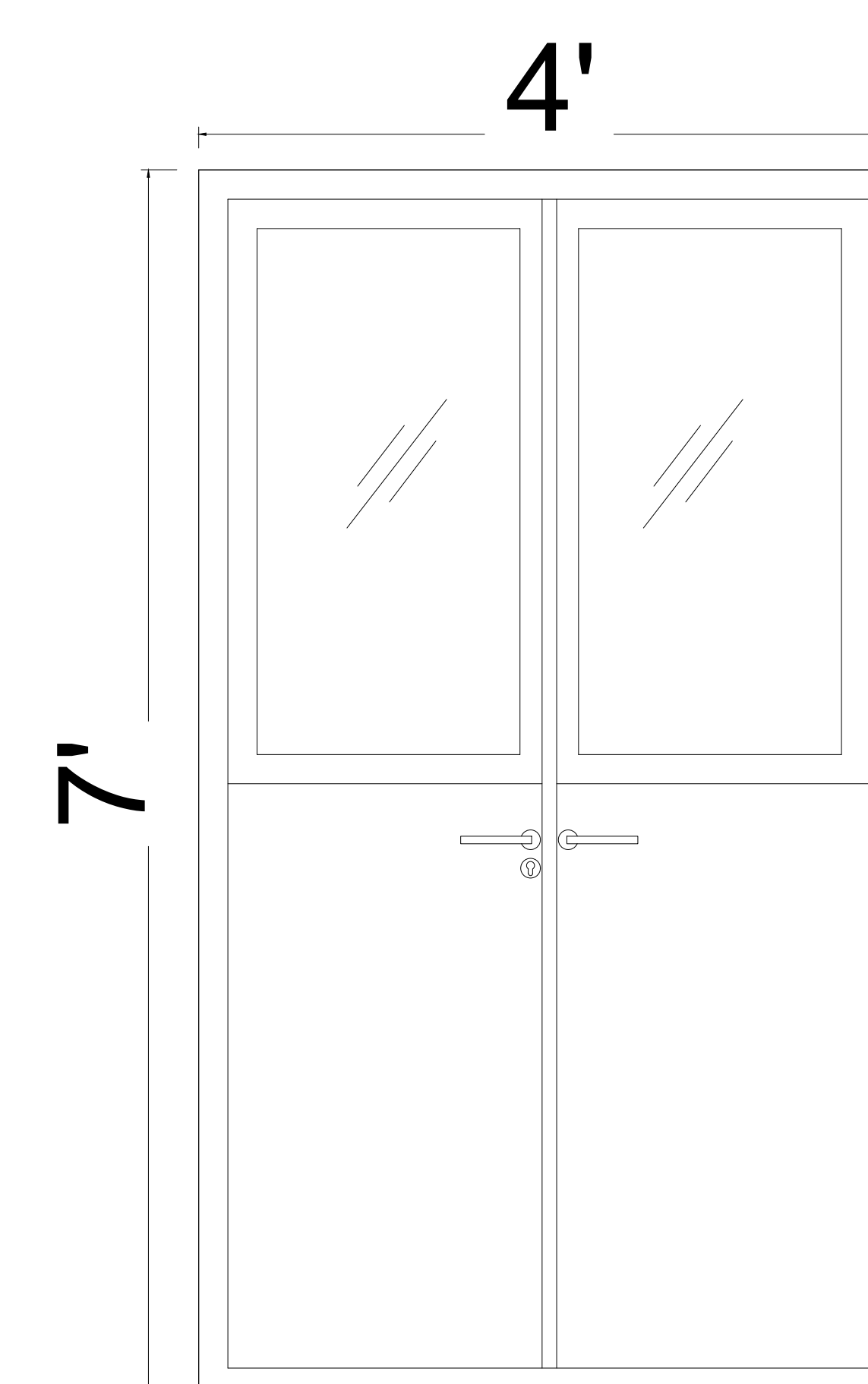
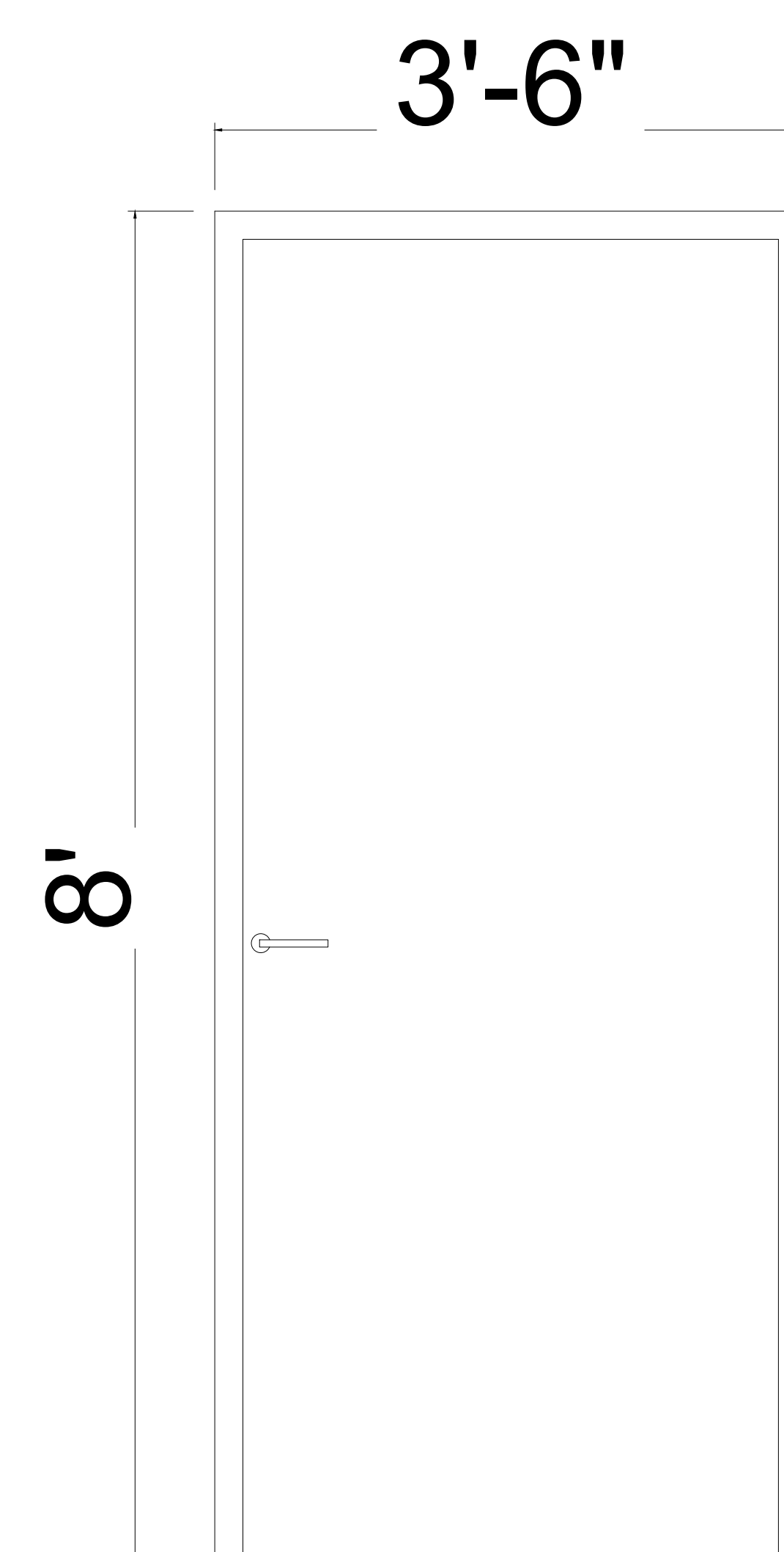
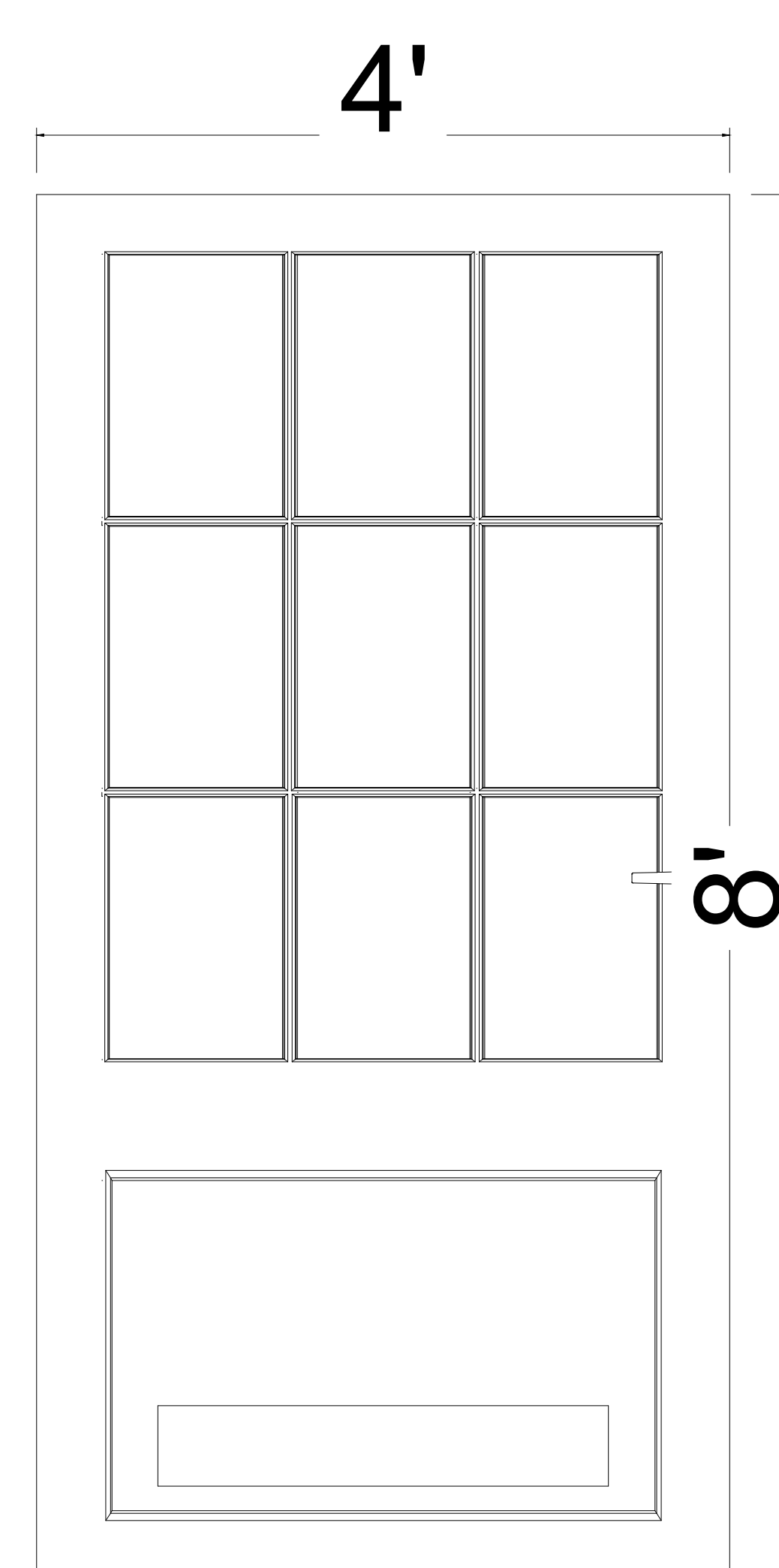




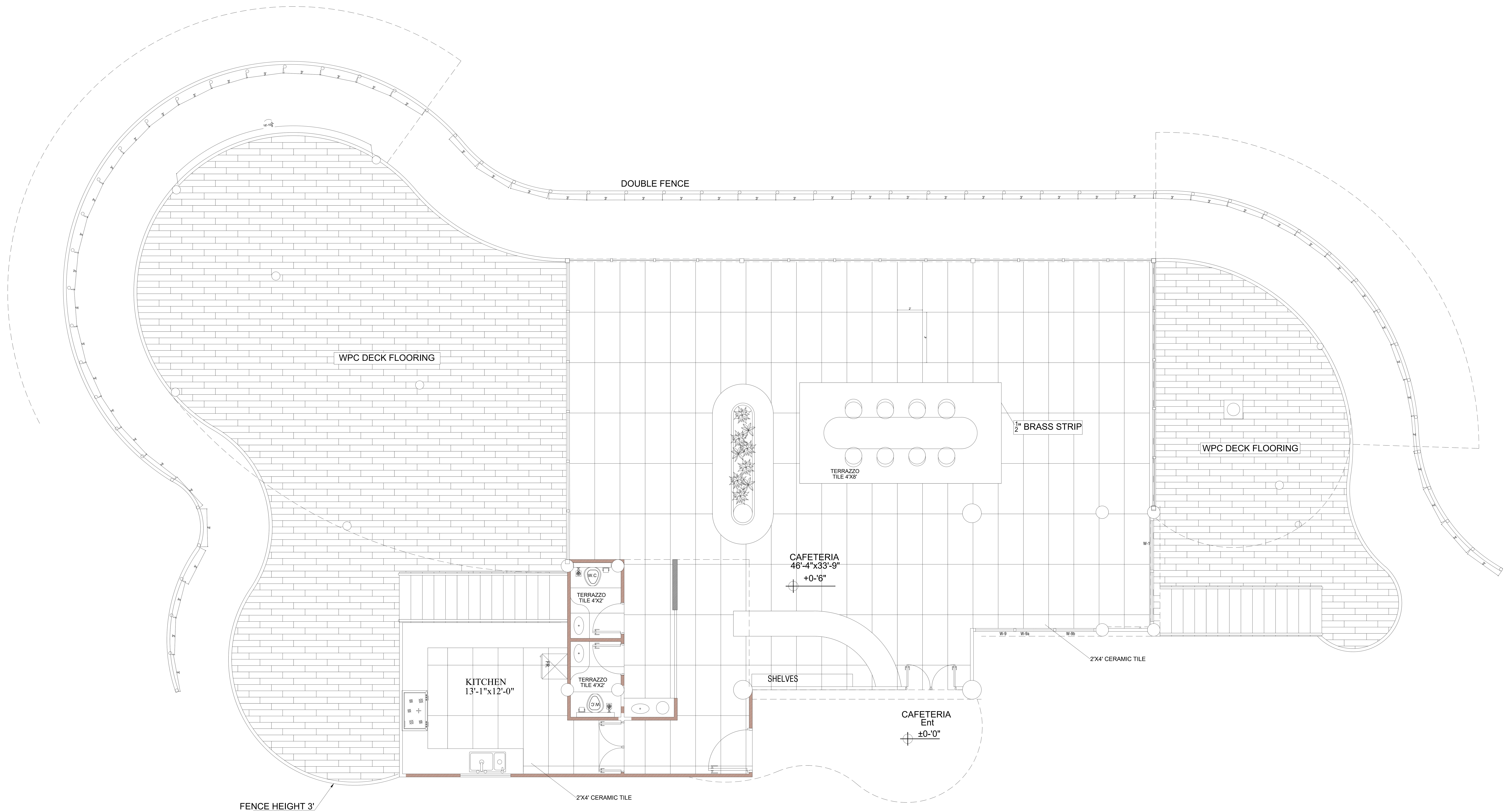




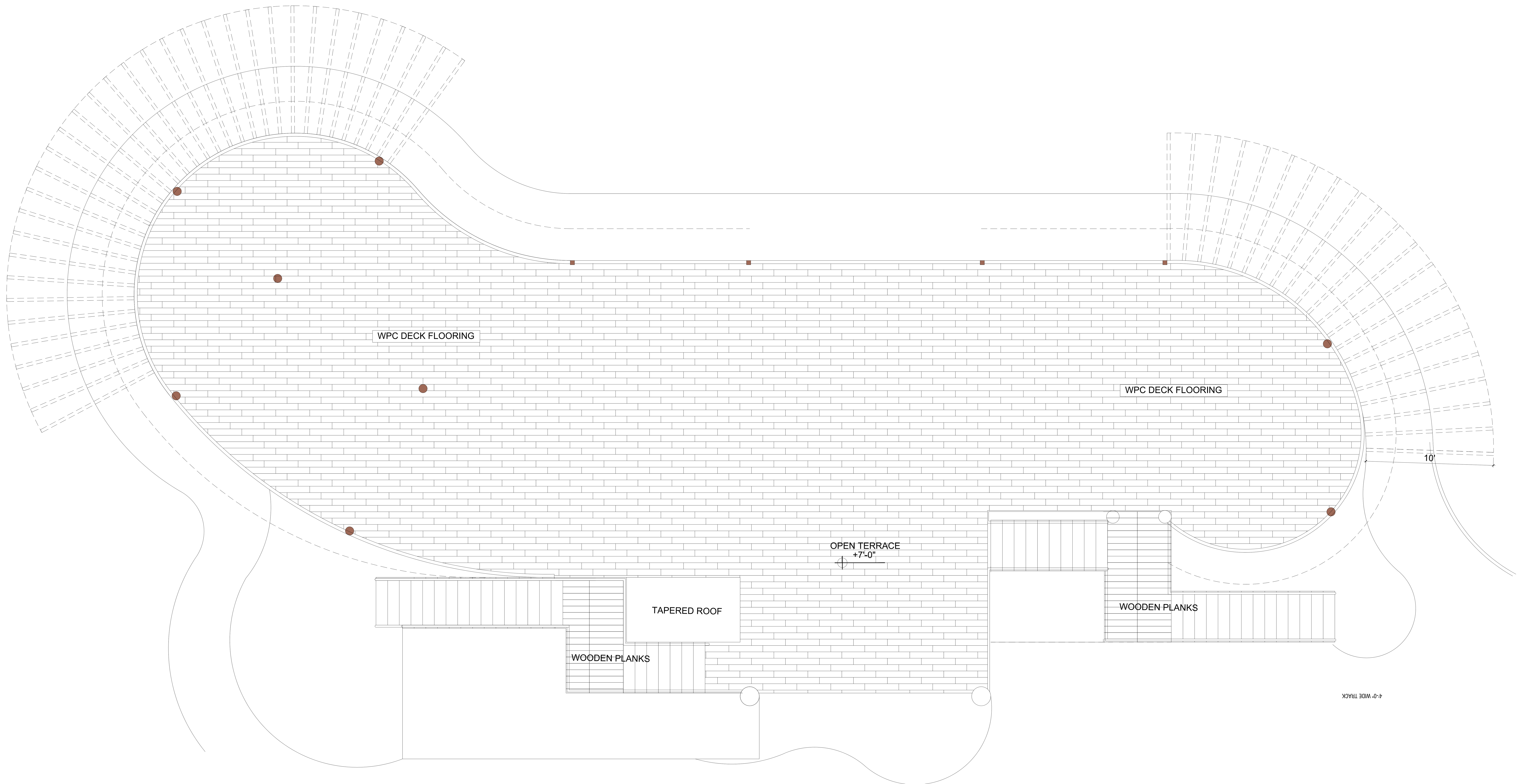
F.F.L



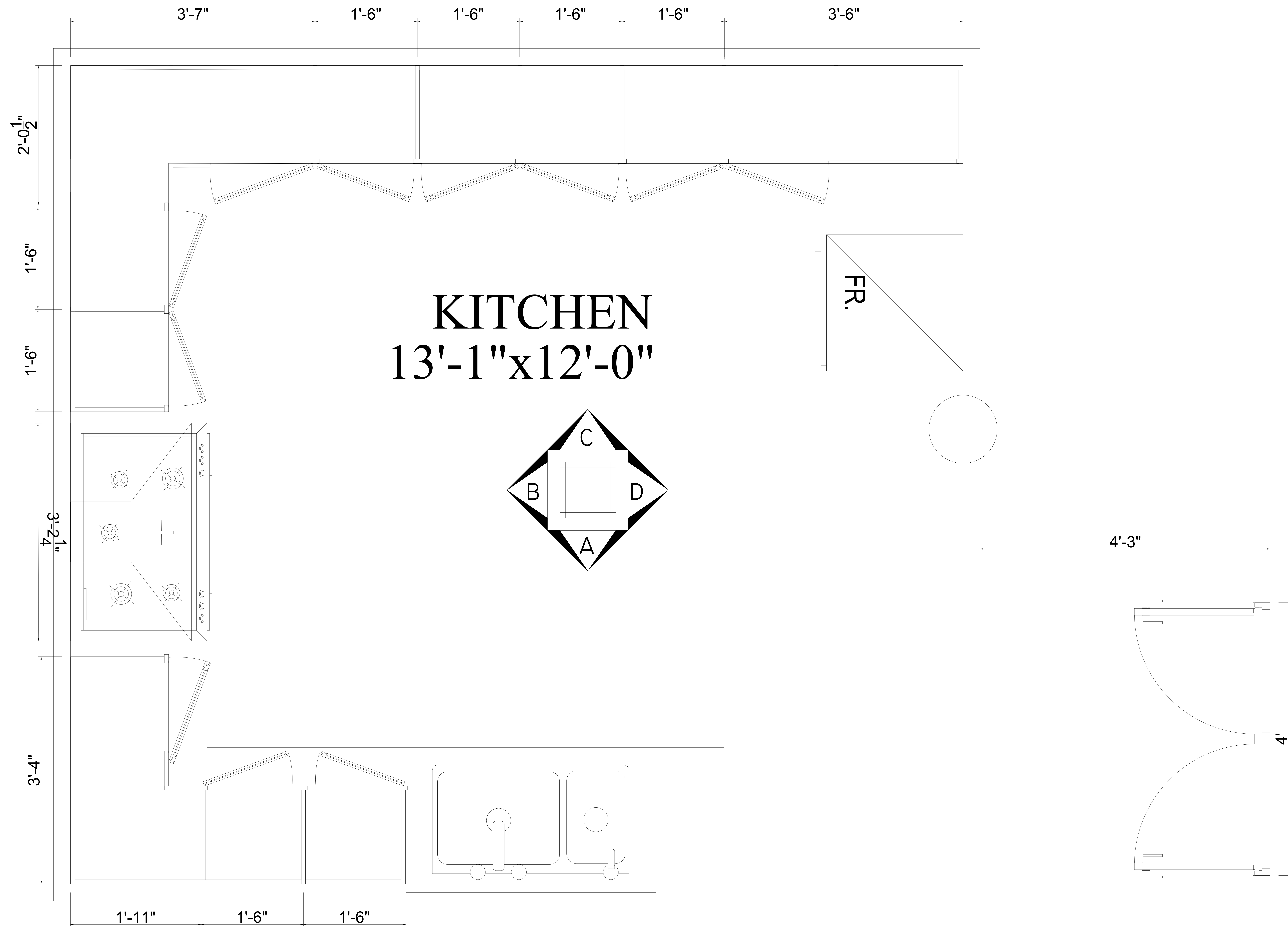
DOOR SCHEDULE					
SR.NO	DOOR	TYPE OF DOOR	SILL LEVEL	NO OF WINDOW	DOOR SIZE L x H
1.	D-1	DOUBLE GLAZED WOODEN DOOR	0'-0"	01	4'-0" x 8'-0"
2.	D-2	DOUBLE GLAZED WOODEN DOOR	0'-0"	01	3'-6" x 8'-0"
3.	D-3	SINGLE GLAZED WOODEN DOOR	0'-0"	01	4'-0" x 7'-0"
4.	D-4	SINGLE GLAZED WOODEN DOOR	0'-0"	02	2'-6" x 7'-0"

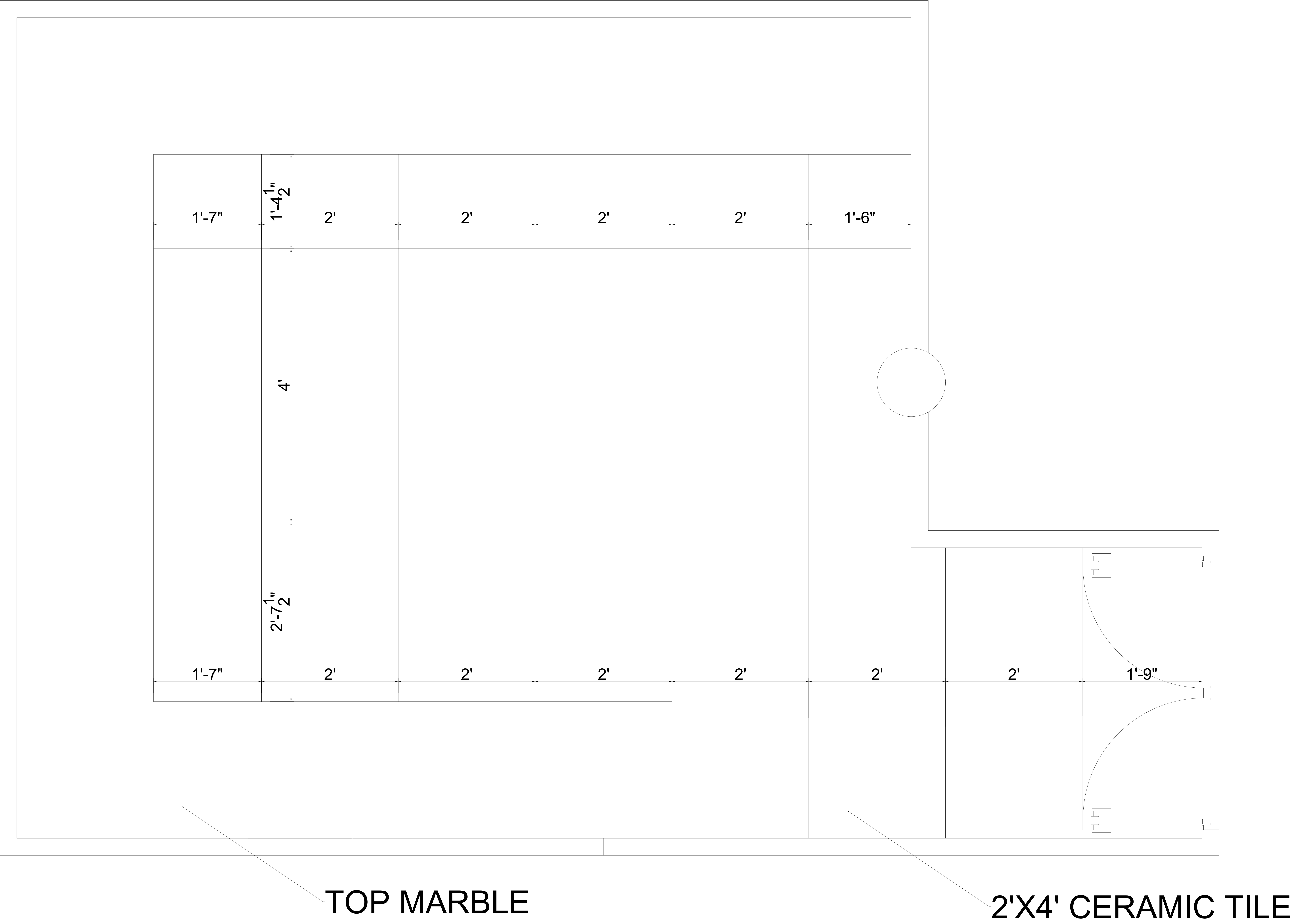


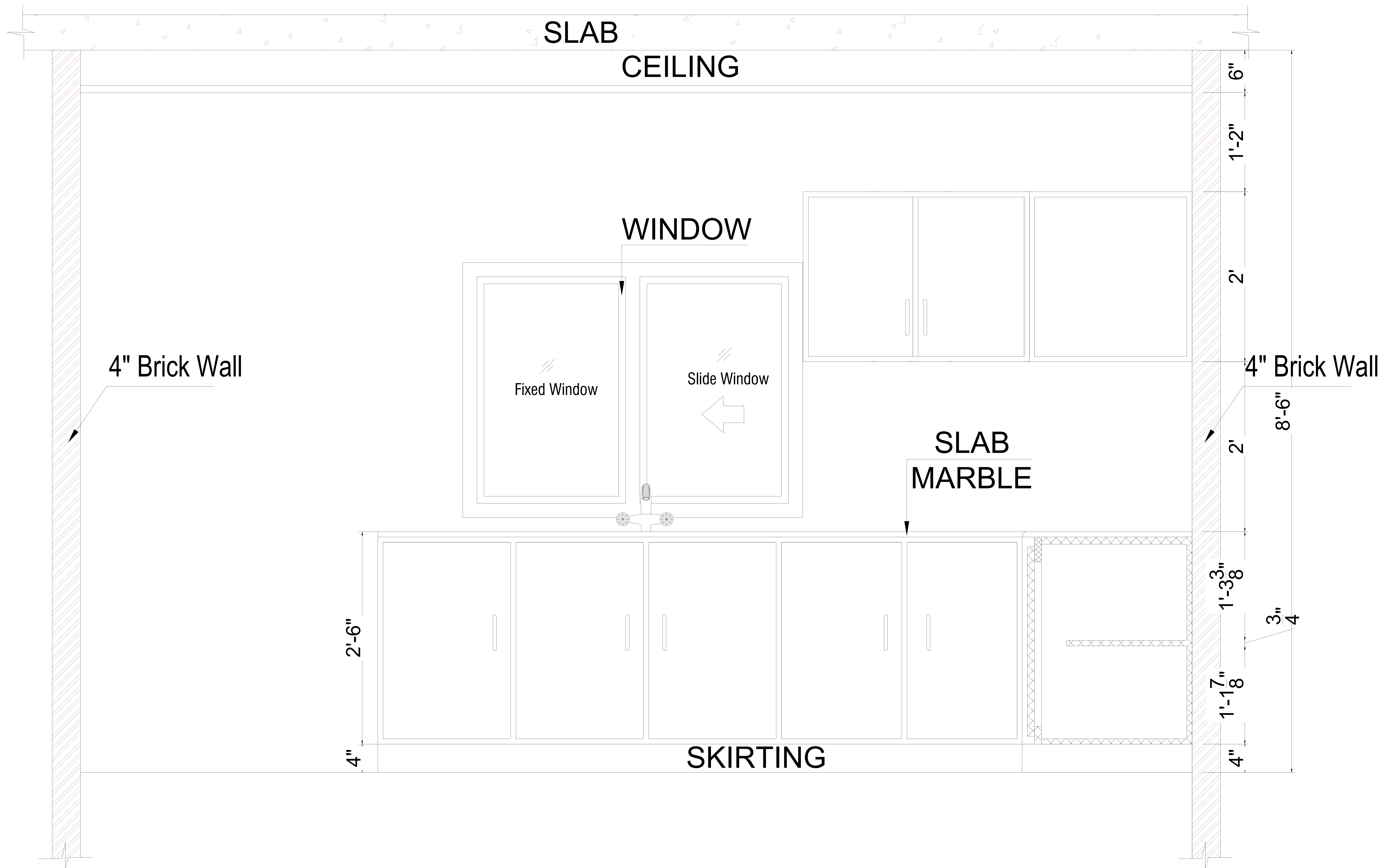
E.V DRIVE WAY AND DROP OFF POINT



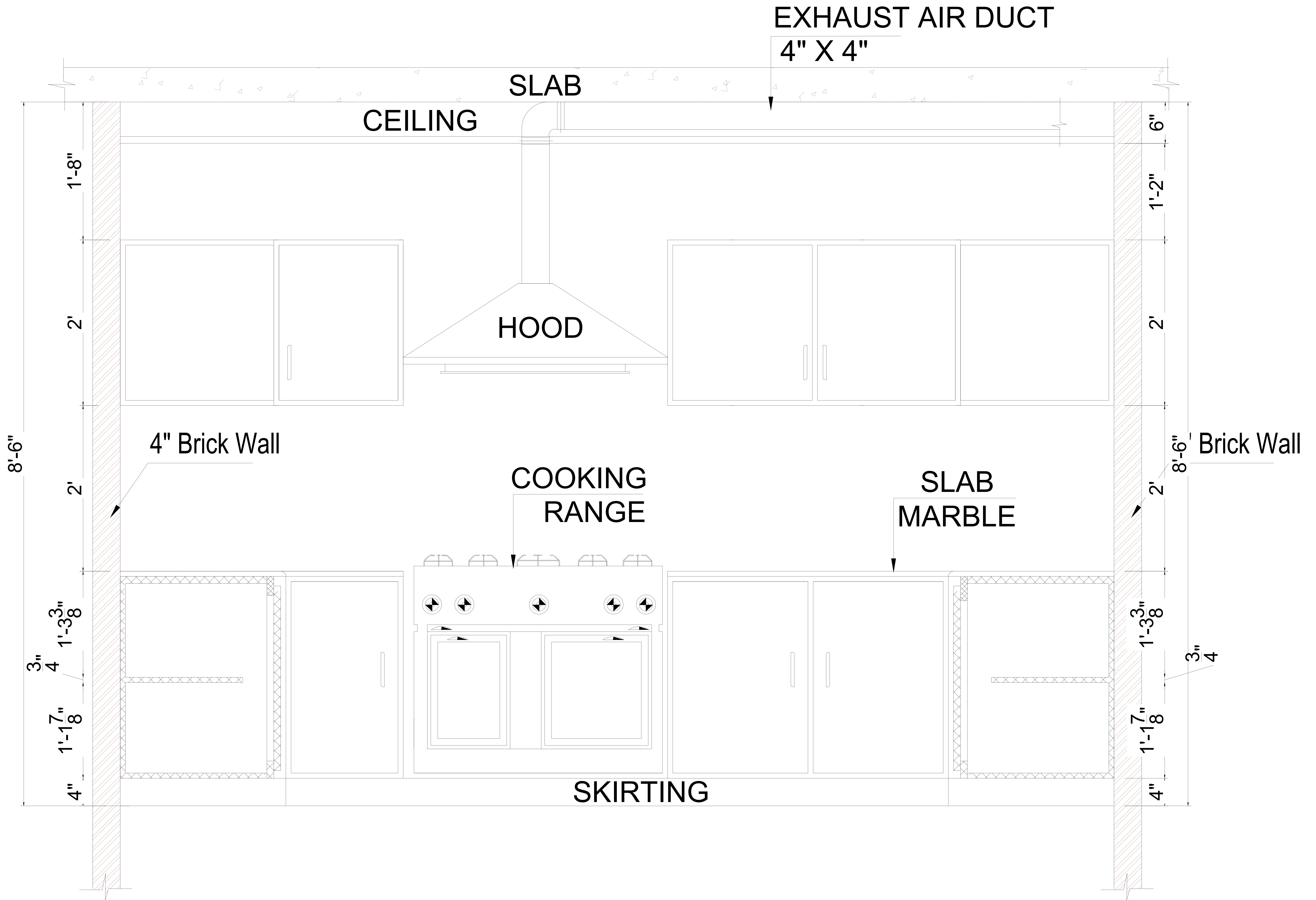
E.V DRIVE WAY AND DROP OFF POINT



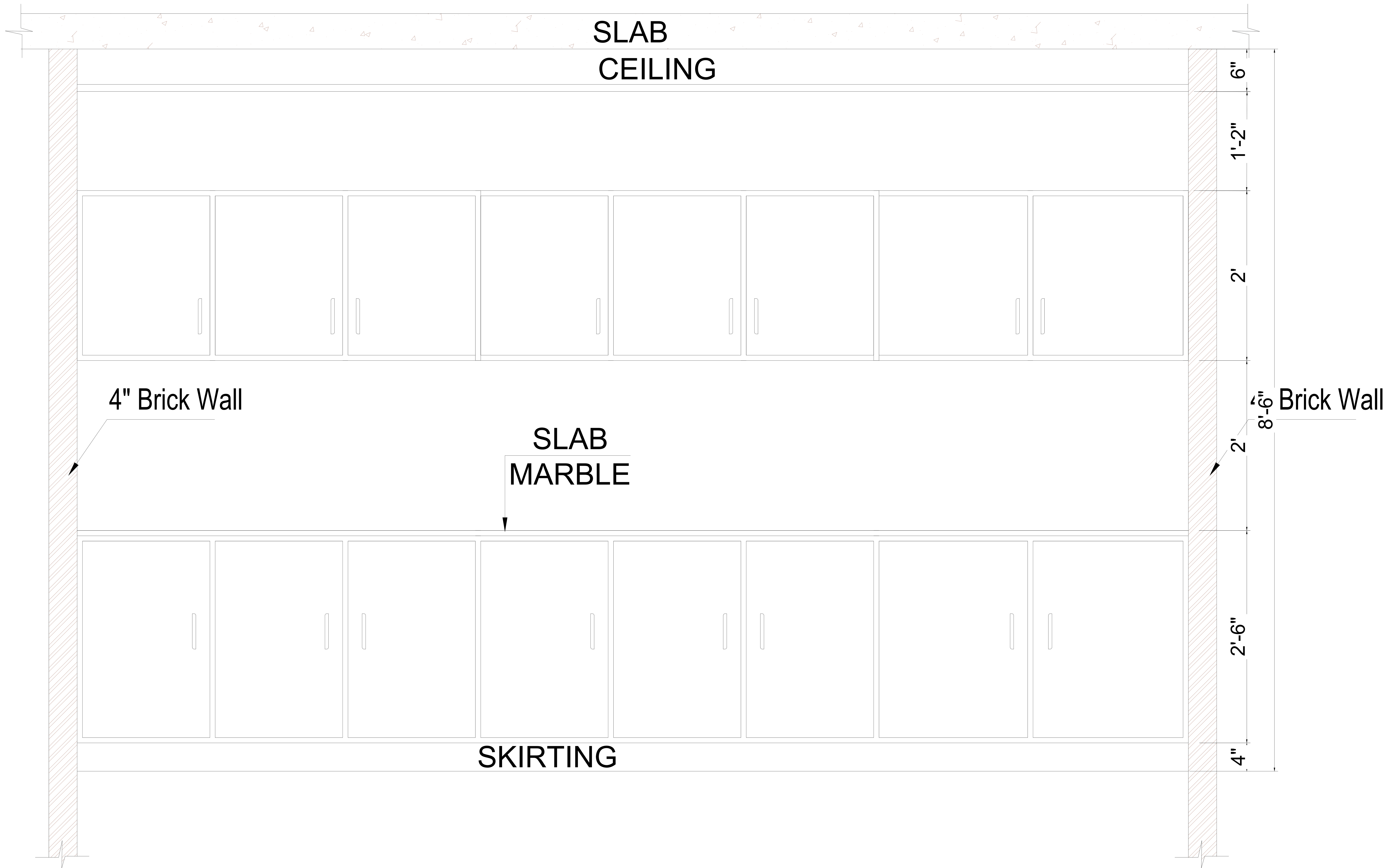




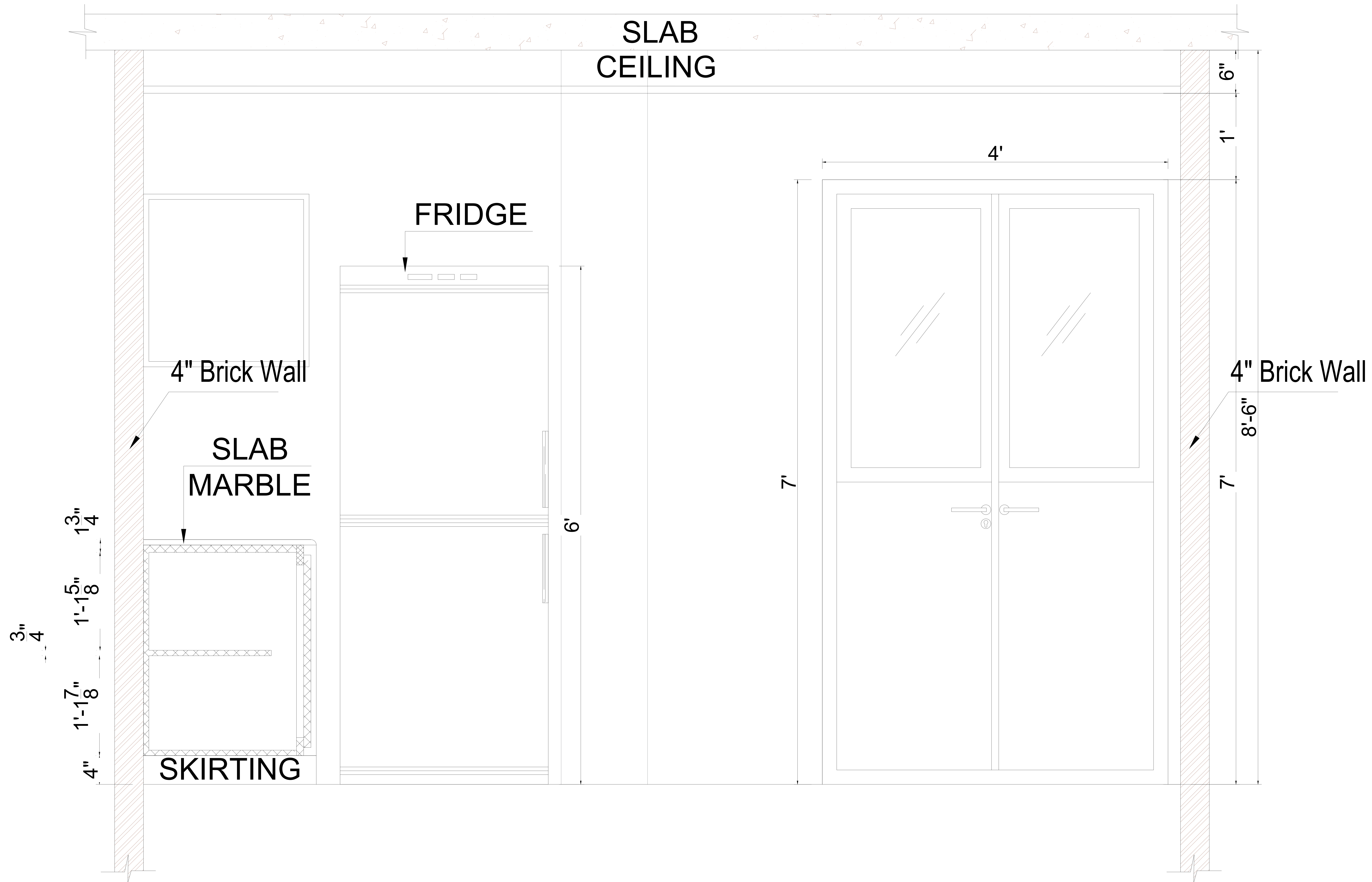
ELEV-A



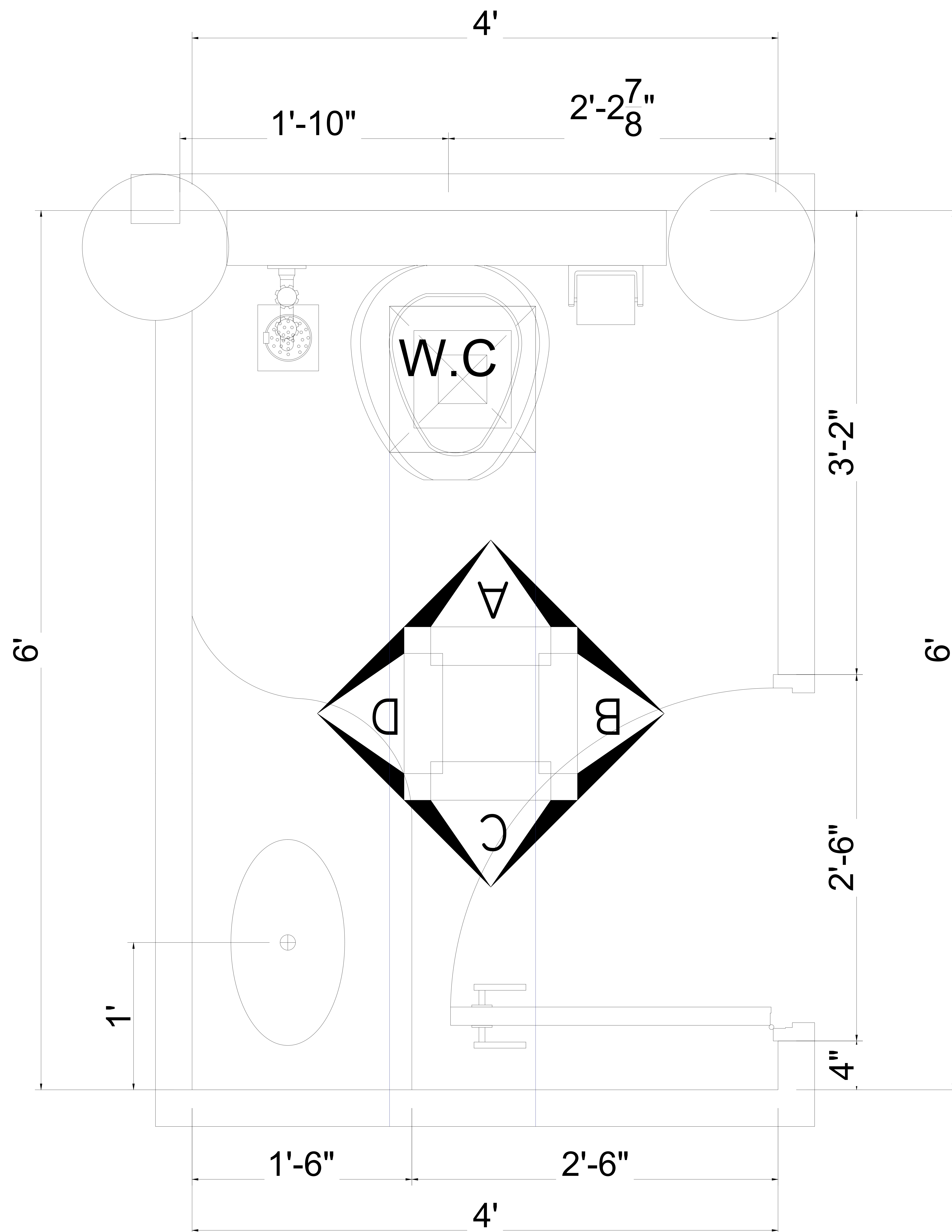
ELEV-B

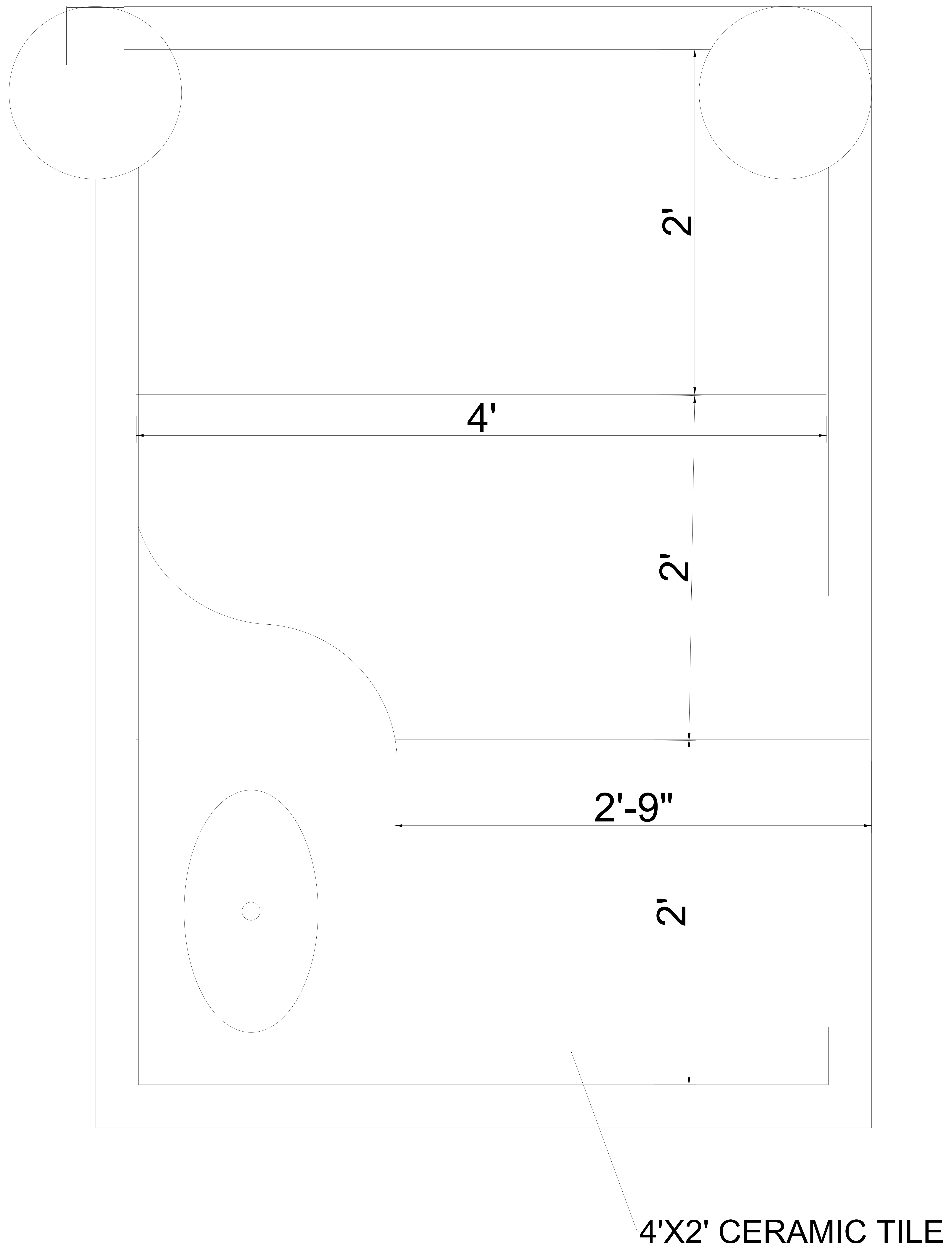


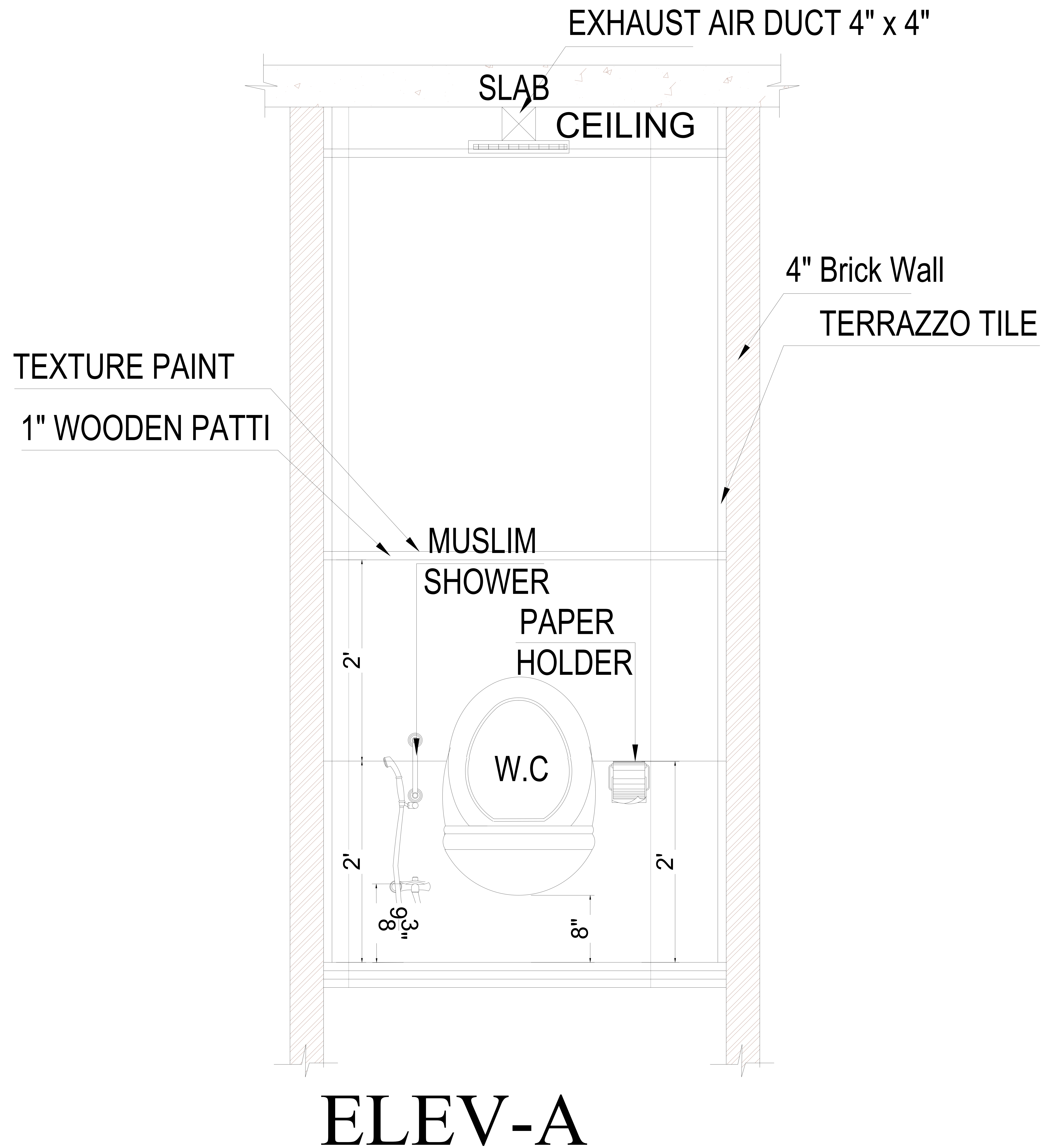
ELEV-C

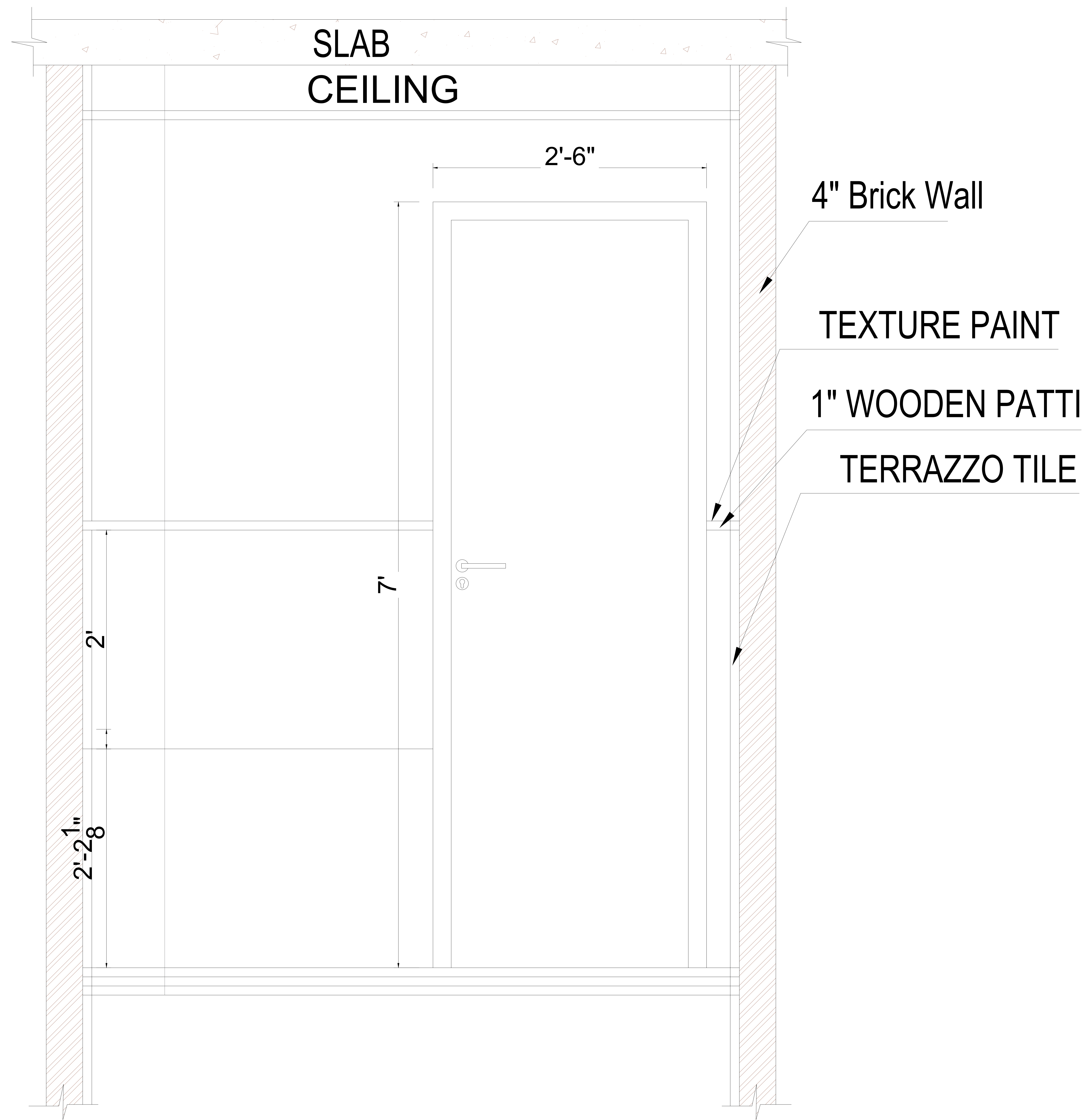


ELEV-D

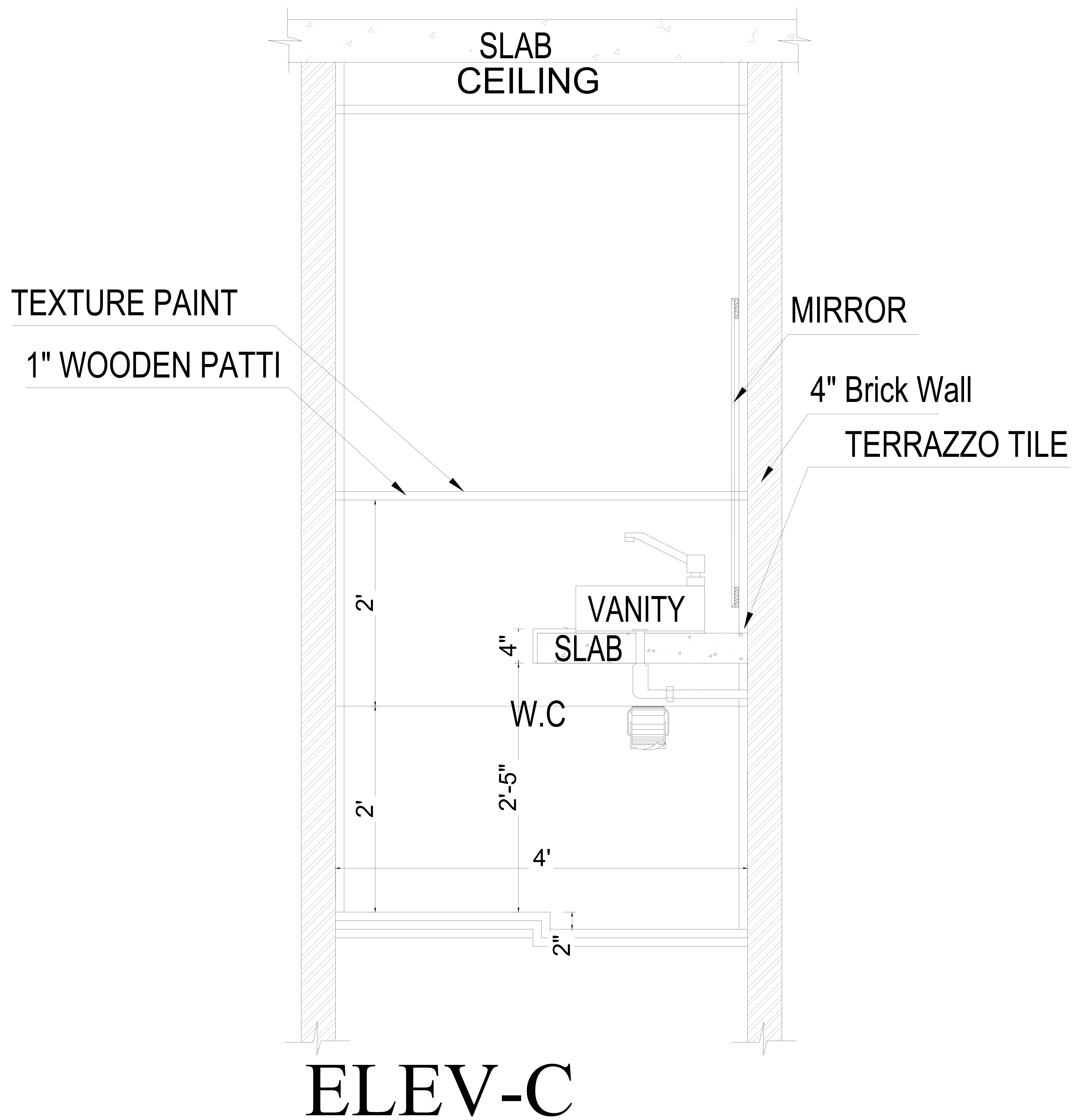


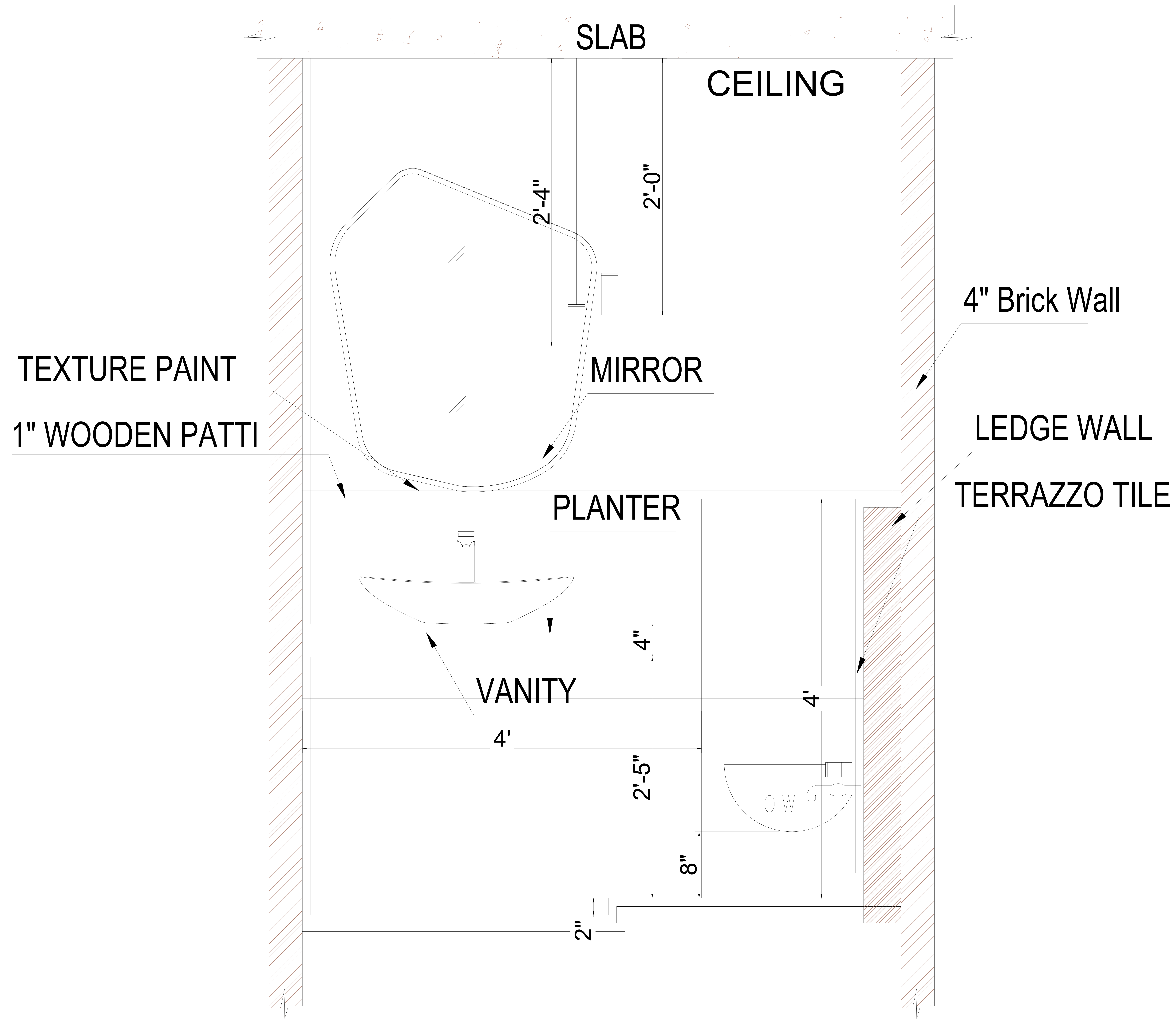




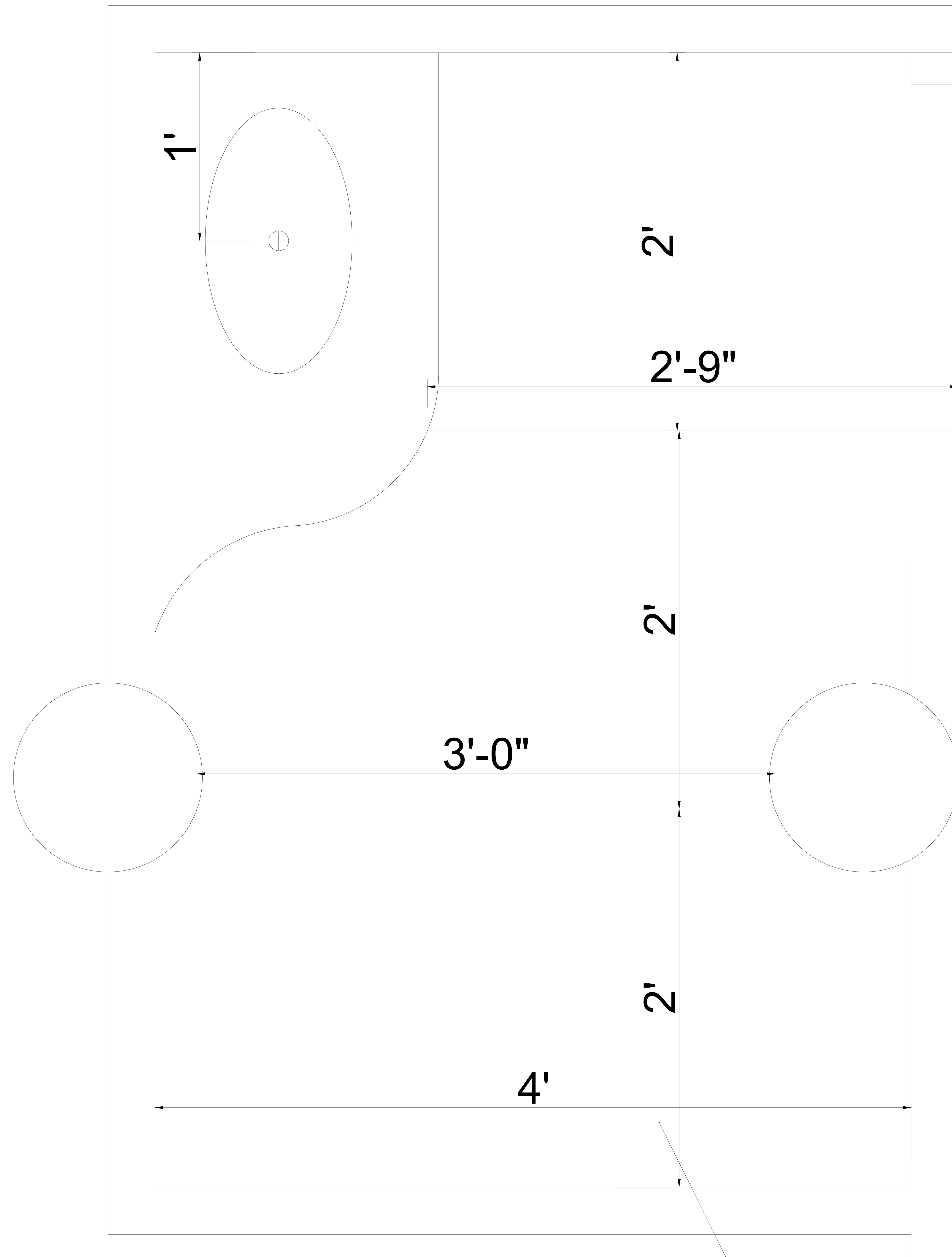


ELEV-B

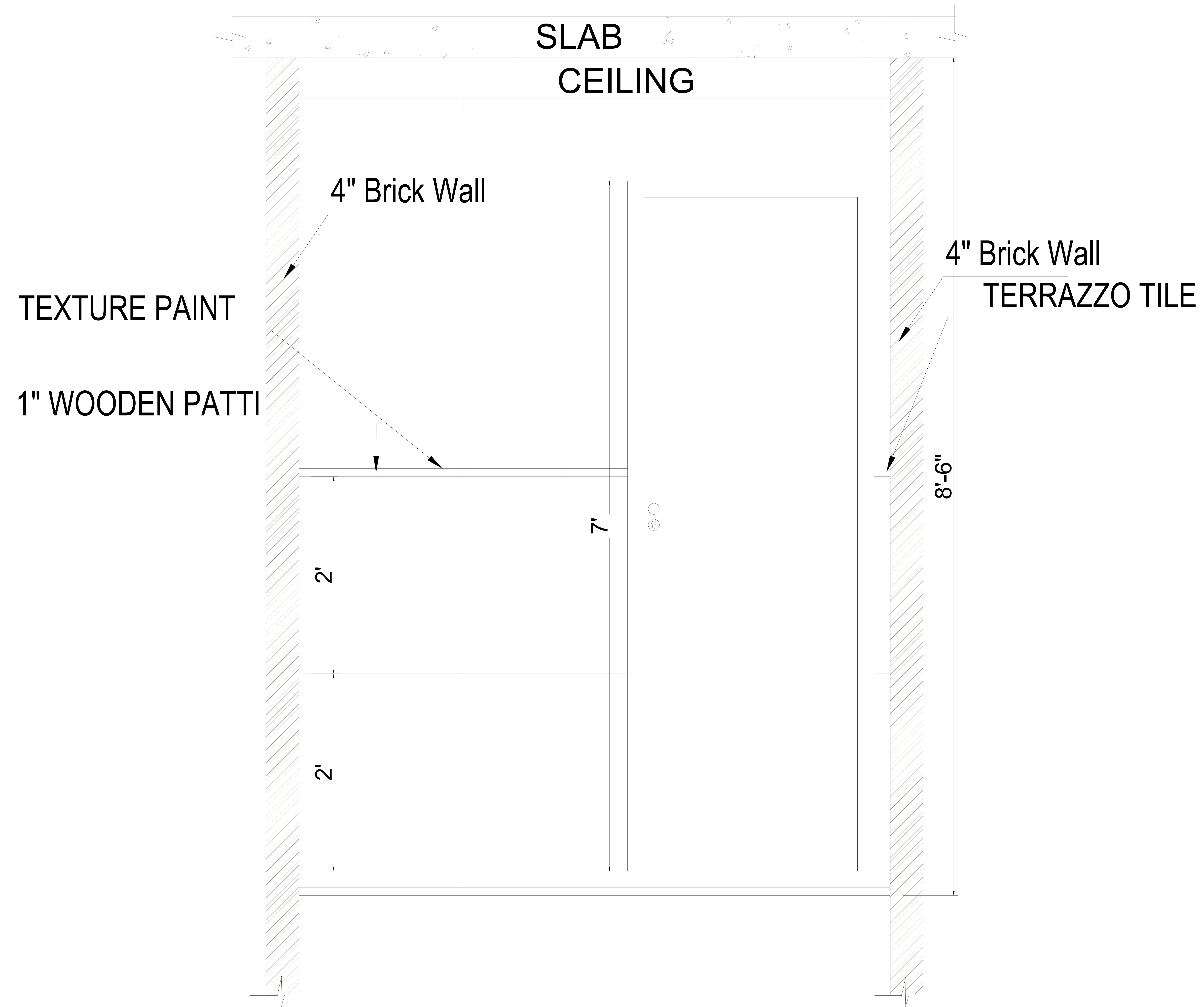




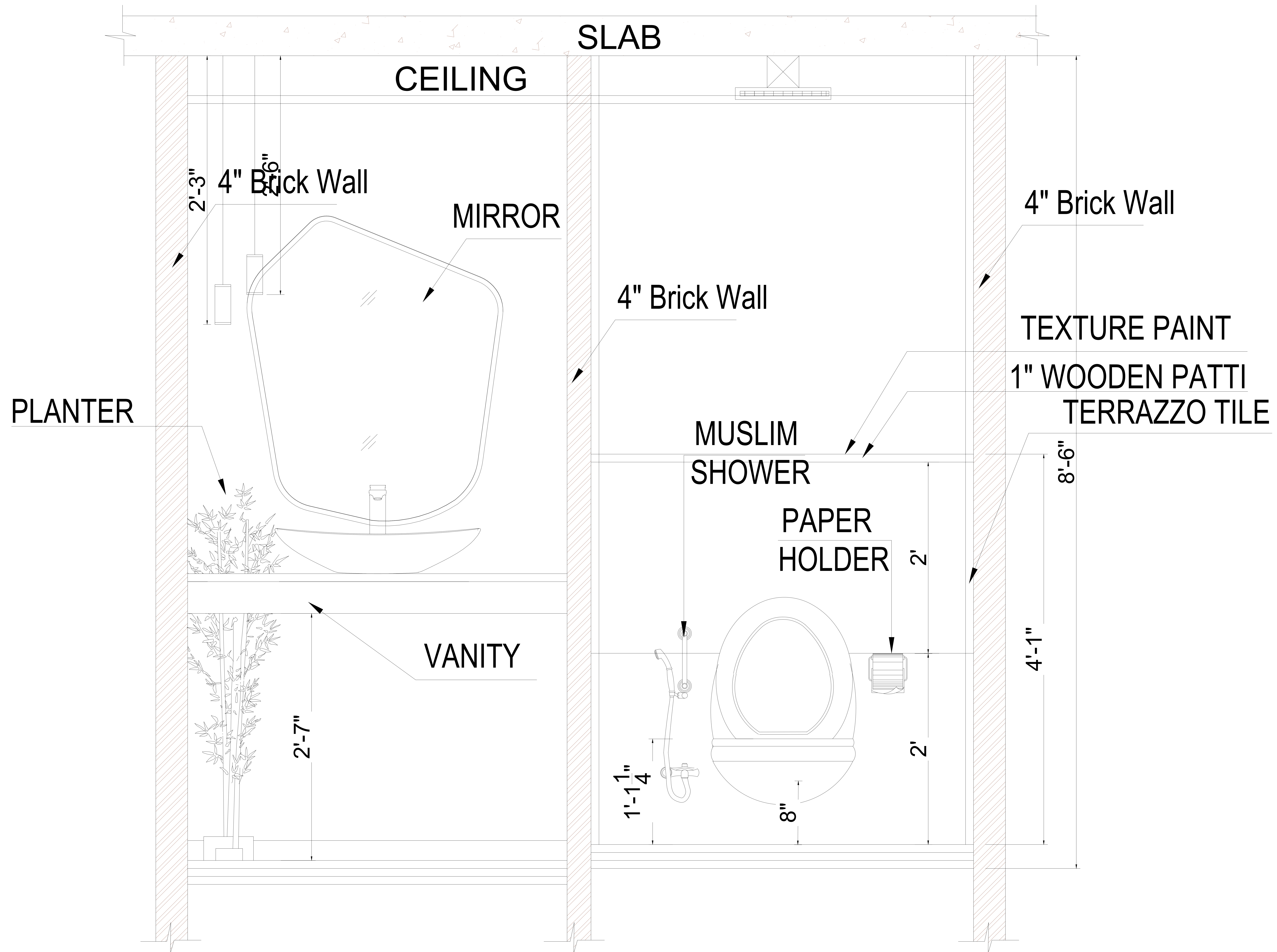
ELEV-D



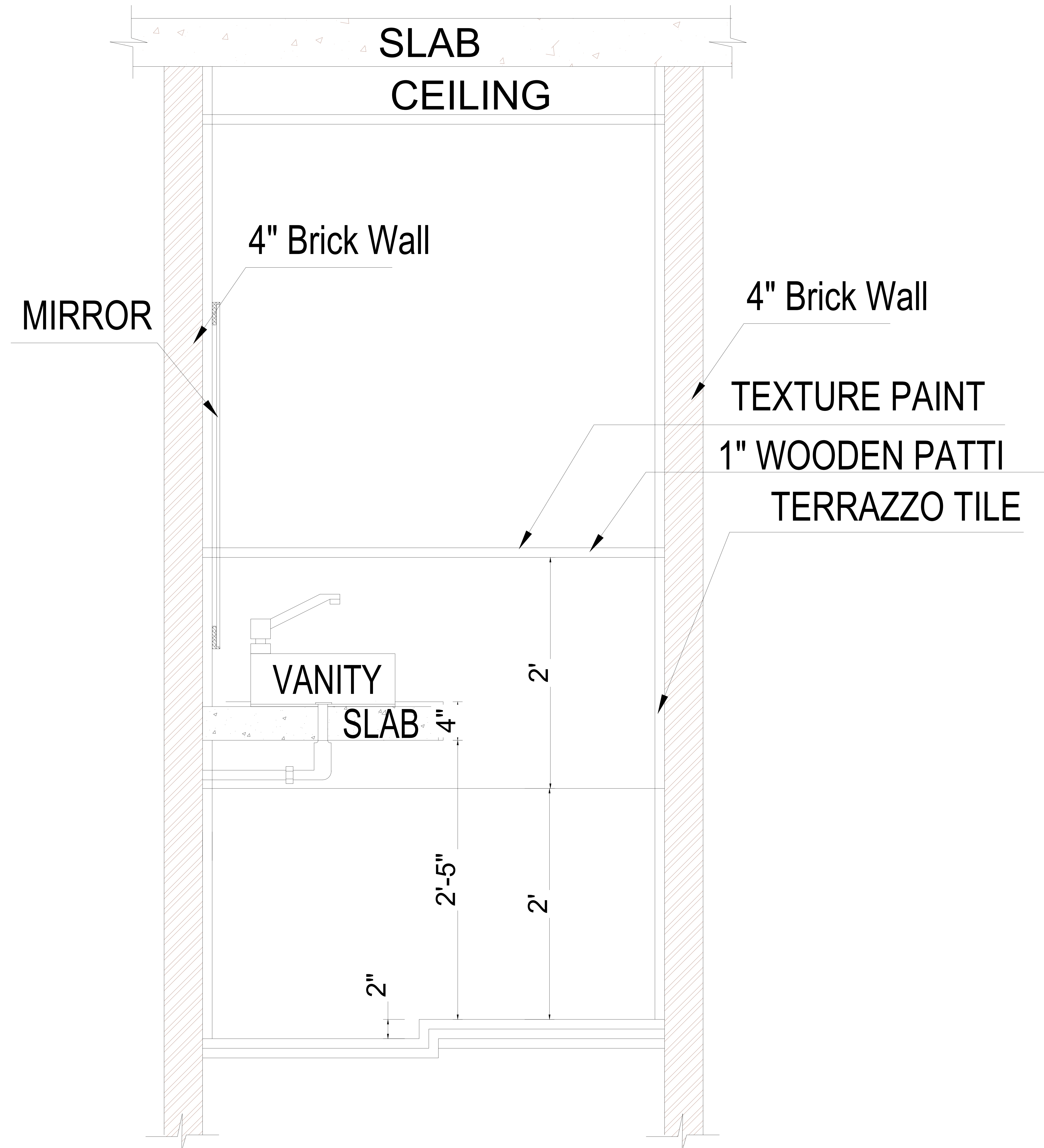
4'X2' CERAMIC TILE



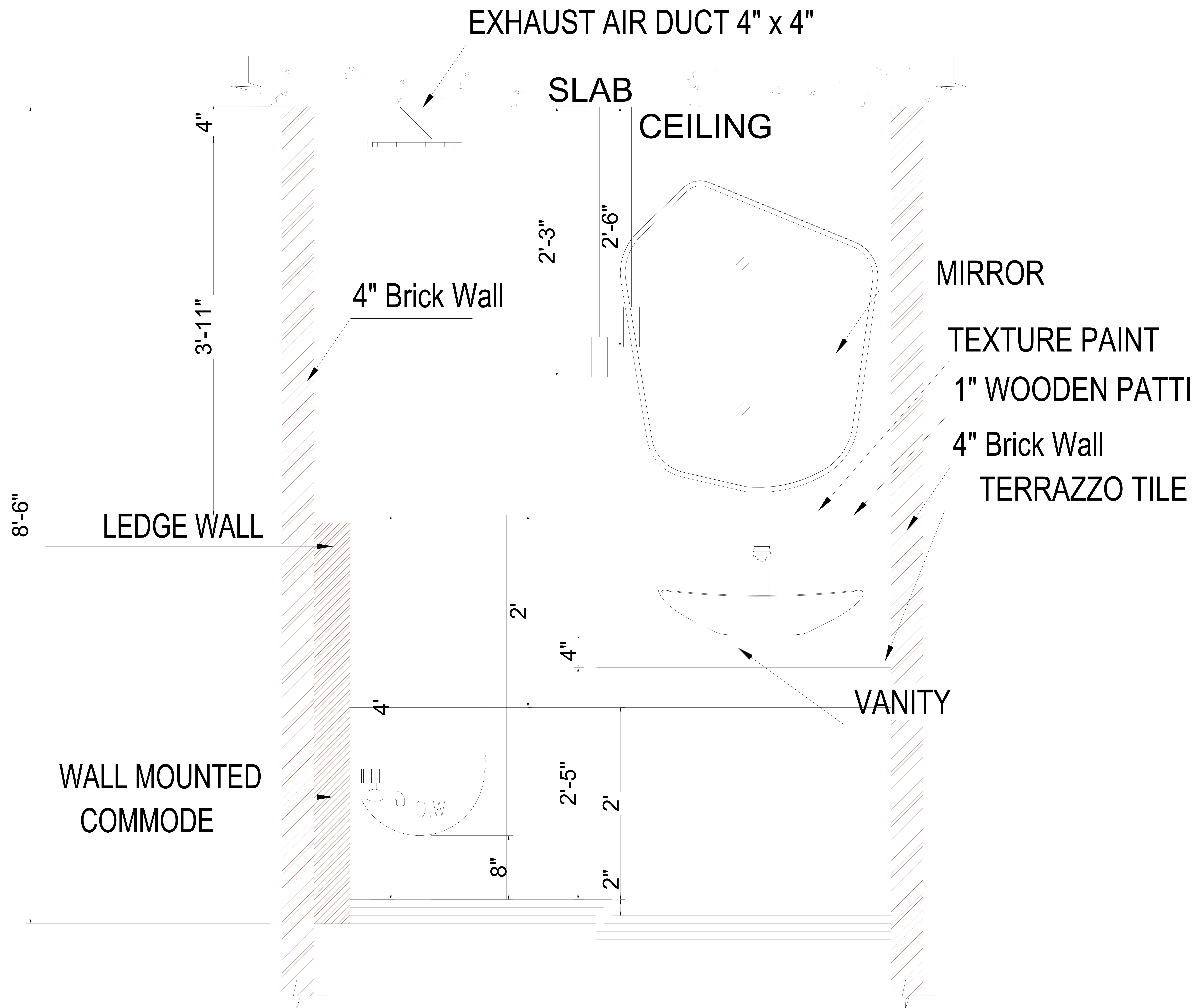
ELEV-B



ELEV-A



ELEV-C



ELEV-D

Annexure25 - Detail of Giraffe Track component

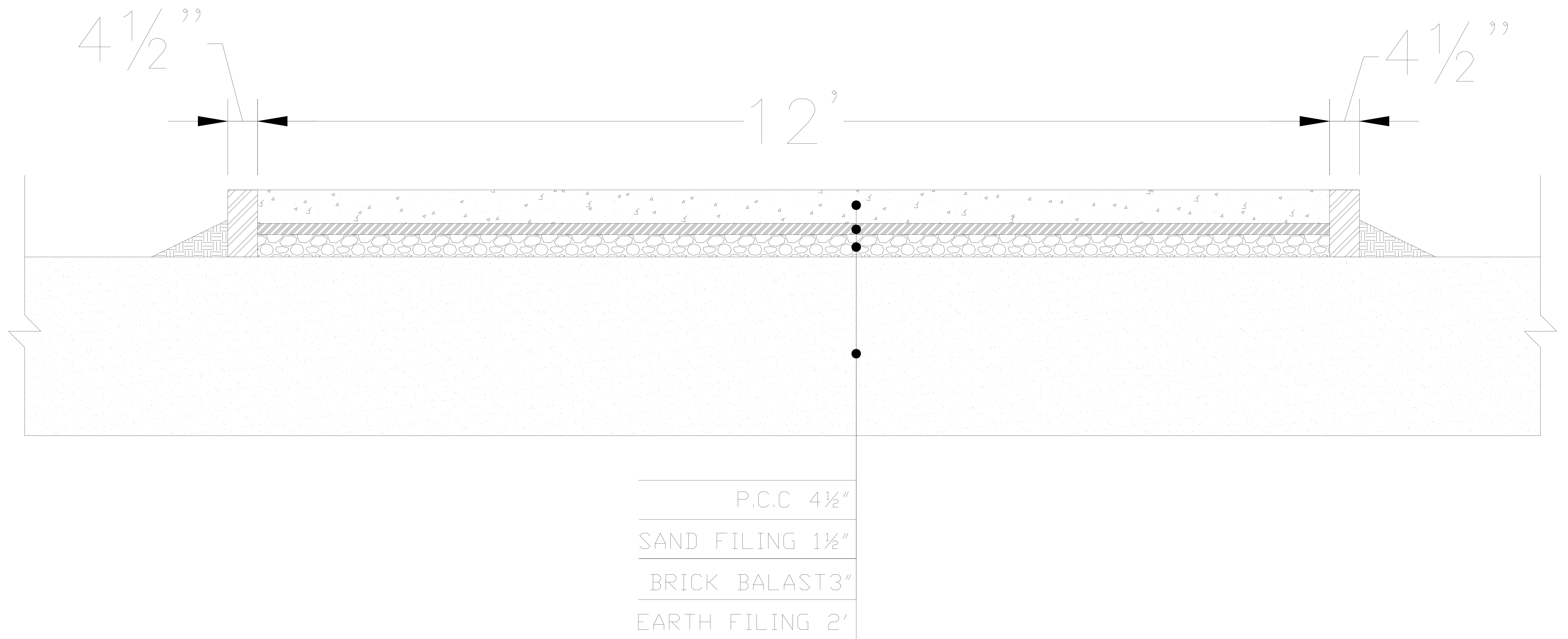
<i>Improvement/Extension of Tuff paver/PC track for Electric Vehicles in Giraffe Enclosure</i> <i>Safari Zoo Lahore (Length=1215 feets)</i> ENGINEER'S COST ESTIMATE SUMMARY OF COST			
MRS, 1st Bi-Annual-2026 (01.01.2026 to 30.06.2026) DISTRICT LAHORE			
Sr.No	DESCRIPTION	AMOUNT (RS)	AMOUNT (RS)
SCHEDULE ITEMS			
1	CIVIL WORKS	8,017,706	
	<i>Total Schedule Items</i>	8,017,706	8,017,706
	<u><i>Net Total</i></u>		8,017,706
	<u><i>Total</i></u>		9,621,247
	<u><i>Add 5% PRA</i></u>		481,062
	<u><i>G.Total</i></u>		10,102,309
	<u><i>Total In Millions</i></u>		10.102

Annexure25 - Detail of Giraffe Track component

Improvement / Extension of Tuff paver / PC track for Electric Vehicles in Giraffe Enclosure Safari Zoo Lahore (Length=1215 feet) ENGINEER'S COST ESTIMATE CIVIL WORK						
MRS, 1st Bi-Annual-2026 (01.01.2026 to 30.06.2026) DISTRICT LAHORE						
Items No.	Sr.No	DESCRIPTION	UNIT	RATE	Quantity	Amount
				Rs.		Rs.
		3. EARTHWORK (EXCAVATION & EMBANKMENT)				
3/47 a		Cutting and removing trees within a distance of 100 ft. (30 m).a)Upto 2½ ft. (150mm-760 mm) girth.	Each	2,426.15	100	242,615.00
3/21-1-a-ii		Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) By Manual. ii) in ordinary soil.	P.Cft	17,088.20	51,030.00	872,010.85
3/15 .		Filling, watering and ramming earth under floors With new earth excavated from outside lead upto one chain (30 m)	P.Cft	17,545.50	34,020.00	596,897.91
3/17 a		Transportation of earth all types when the total distance including the lead covered in the item of work, is more than 1000 ft. (300 m)				
		Upto ¼ mile (400 m) Total Distance 2KM(Base Rate(7190.50+Lead(upto 1.6km (12*95.95)+(1 leade(1*385.15){7190.50+1151.40+385.15=8727.05 per 1000cft)	P.Cft	8,727.05	34,020.00	296,894.24
3/5 i		Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete 95% to 100% maximum modified AASHTO dry density.	P.Cft	9,739.45	34,020.00	331,336.09
18/5		Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	P.Rft	83.10	2,430.00	201,933.00
6/2		Dry rammed brick or stone ballast, 1 ½ "to 2" (40 mm to 50 mm) gauge.	P.Cft	14,010.50	5,259.74	736,915.17
10/3		Supplying and filling sand under floor; or plugging in wells.	P.Cft	5,476.70	5,259.74	288,059.91
6/5 f		Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4	P.Cft	50,880.70	8,748.00	4,451,043.64
		SCHEDULE ITEMS TOTAL AMOUNT (RS)				8,017,705.80

Annexure25 - Detail of Giraffe Track component

Improvement/Extension of Tuff paver/PC track for Electric Vehicles in Giraffe Enclosure Safari Zoo Lahore (Length=1215 feets) ENGINEER'S COST ESTIMATE							
MEASUREMENT SHEETS							
Items No.	DESCRIPTION	NO.	MEASUREMENT			Contents	
			Length	Breadth	Height		
3/47 a	Cutting and removing trees within a distance of 100 ft. (30 m).a)Upto 2½ ft. (150mm-760 mm) girth.						
	Total Number Of Trees	100				100	
					Total:	100	Each
3/21-1-a-ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) By Manual. ii) in ordinary soil.						
1)	<u>Ev Track</u>						
	Overall Area	1	1,215.00	14.00	3.00	51,030.00	
					Total:	51,030.00	Cft
3/15.	Filling, watering and ramming earth under floors With new earth excavated from outside lead upto one chain (30 m)						
	Ev Track	1	1,215.00	14.00	2.00	34,020.00	
					total:	34,020.00	Cft
18/5 i	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.						
	Along Both Sides Of Track	2	1,215.00			2,430.00	
					Total:	2,430.00	Cft
6/2.	Dry rammed brick or stone ballast, 1 ½ "to 2" (40 mm to 50 mm) gauge.						
1)	<u>Ev Track</u>						
		1	1,215.00	13.00	0.33	5,259.74	
					Total:	5,259.74	Cft
10/3	Supplying and filling sand under floor; or plugging in wells.						
	Ev Track	1	1,215.00	13.00	0.33	5,259.74	
					Total:	5,259.74	Sft
6/5 f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4						
	Ev Track	1	1,215.00	12.00	0.60	8,748.00	Sft
					Total:	8,748.00	Sft





No. SOP(WL)1-3/2024-I
GOVERNMENT OF THE PUNJAB
FORESTRY, WILDLIFE DEPARTMENT
Dated: 16.04.2026

Subject: MINUTES OF DEVELOPMENT SUB- COMMITTEE (DDSC) MEETING 2025-26 (WILDLIFE SECTOR) HELD ON 26.03.2026 UNDER THE CHAIRMANSHIP OF THE SECRETARY F&W DEPARTMENT.

Meeting of DDSC of F&W Department (Wildlife Sector) for the financial year 2025-26, was held on **26.03.2026** at **11:30 AM** under the Chairmanship of the Secretary, Forestry & Wildlife Department in the Committee Room of this Department. The meeting started with recitation from the Holy Quran. The Chair welcomed the participants.

2. Wildlife & Parks Department, Punjab gave detailed briefing on the development scheme titled "Experience Development at Captive Facilities in Punjab (ADP G.Sr.No.2597)" included in ADP 2025-26 pertaining to Wildlife & Parks Department:

1	Name of Project	Experience Development at Captive Facilities in Punjab (ADP G.Sr.No.2597)
2	Location (Name of District and Province)	Districts Lahore and Bahawalpur, Province Punjab.
3	Sponsoring Agency	Government of the Punjab, Forestry & Wildlife Department
4	Execution Agency	Punjab Wildlife & Parks Department
5	Operation & Maintenance	Punjab Wildlife & Parks Department
6	Date of Approval by DDSC / PDWP	15.11.2024 by DDSC (Original) 27.05.2025 by DDSC (1 st Revised)
7	Implementation Period	12-Months (01.07.2024 to 30.06.2025) (Original) 24-Months (01.07.2024 to 30.06.2026) (1 st Revised) 24-Months (01.07.2024 to 30.06.2026) (Proposed)
8	Total Cost	Rs.599.361m (Original) Rs.599.361m (1 st Revised) Rs.797.371m (Proposed)
9	Funds released & utilized till end June, 2025	Releases = Rs.597.361m Utilization = Rs.505.854m
10	ADP Provision for 2025-26	Rs.213.833m
11	Proposed PC-I Provision	Rs.291.517m

	(2025-26)	(Additional funds of Rs.77.684m would be diverted from surplus funds of any scheme(s) of this Department.)
12	Annual Recurring Cost	-
13	Quantitative Objectives / Target	The Experience Development at Captive Facilities project aims to enhance visitor engagement and education at wildlife captive facilities in Punjab. This project focuses on creating immersive, interactive, and educational experiences that foster a deeper understanding and appreciation of wildlife conservation among visitors.
14	Reasons for Revision	The original PC-I scheme was approved by DDSC during its meeting held on 15.11.2024 at a total cost of Rs.599.361 with its gestation period starting from 01.07.2024 to 30.06.2025 and 1st revised scheme was approved by DDSC during its meeting held on 27.05.2025 at the same cost & gestation period. The PC-I scheme titled "Experience Development at Captive Facilities in Punjab" was earlier revised without any increase in cost but with an extension in the gestation period up to 30.06.2026. This revision was necessitated due to interlinked procurement processes requiring extended timelines, particularly the import and installation of 3D and SMD screens, as well as execution of certain service related components including development of a QR-based mobile application, branding, publicity, and media promotion, which were to be carried forward into the next financial year. Additionally, technical reassessment revealed that the originally approved 20 KVA generators were insufficient to meet the power requirements of the 3D screens. Based on recommendations from Engineering Consultancy Services Punjab (Pvt.) Ltd. The generator capacity was revised to 70 KVA, resulting in an increased estimated cost that was accommodated through internal budget readjustment. Furthermore, load assessment for the Dancing Fountain at Safari Zoo necessitated the installation of a separate 630 KVA transformer, which was incorporated as a distinct electrification component. Accordingly, the 1st revised PC-I was approved with unchanged cost but extended gestation period during the DDSC meeting held on 27.05.2025. The 2nd revision of the approved PC-I scheme is being proposed due to an increase in project scope arising from the exceptional public response to visitor oriented attractions at Safari Zoo, Lahore. The Wildlife Float Shows have become a major attraction, requiring an additional allocation of Rs.12.500 million to sustain their expanded operations. Moreover, Rs.35.903 million is proposed for procurement and installation of essential mechanical and allied components of the Dancing Fountain to ensure its safe and smooth functioning. In addition, development of a Giraffe Café and an African Village is proposed to enhance visitor experience, as giraffes and various African ungulate species—procured under separate projects—are now available at Safari Zoo. This revision increases the project cost due to scope enhancement, while the gestation period remains unchanged.

Deliberation:

3. The Chair apprised that in view of Public demand and under the direction of the Chief Minister, Punjab, number of Wildlife Float Shows were increased on daily bases during the Basant festival and Eid Holidays to entertain the large gathering of Public. Therefore additional amount is required to cater additional operations in this regard. The Chair further apprised that since Lahore safari Zoo has received Giraffe, therefore, some additional expenses on their care are required to acclimatize them. Moreover, Giraffe Cafeteria as per international standard is proposed to be included to provide state of the art entertainment to the visitors.

4. Section Officer, L&DD/F&W, Finance Department opinioned that Planning & Development Board may be consulted for provision of additional funds. The Assistant Chief (FW&F), Planning & Development Board explained that due to short funding, provision of additional funds would be difficult. She added that pending liability may also be avoided.

5. After detailed deliberation, Committee **approved** the Scheme with following decisions:

DECISIONS:

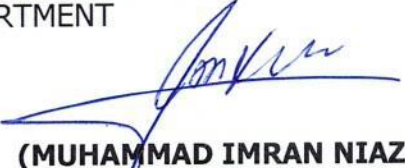
- 1) Branding, Advertisement & Publicity component proposed at a cost of Rs. 10.000 million shall be deleted.
- 2) Services Rendered for media promotion amounting to Rs. 5.000 million shall also be deleted.
- 3) Scheme is approved at a total cost of Rs. 782.371 million, keeping rest of the proposed revision intact but subject to provision of additional funds from "Eco-Tourism at Changa Manga and Wetlands, Uchhali & Chashma" scheme of wildlife sector.

"The proponent shall submit 06 copies of the PC-I Scheme at the earliest for further necessary action".


(CAPT. (R) TAHIR ZAFAR ABBASI)
SECRETARY F&W DEPARTMENT


(CH. HAYAT HASSAN)
ADDITIONAL SECRETARY (TECHNICAL)
F&W DEPARTMENT


(RABBIA ALI)
ASSISTANT CHIEF (FW&F)
PLANNING & DEVELOPMENT BOARD


(MUHAMMAD IMRAN NIAZI)
SECTION OFFICER (L&DD/F&W)
FINANCE DEPARTMENT

No. & date even:

Copy is forwarded for information and necessary action to:

1. The Member (Environment), Government of the Punjab, Planning & Development Board, Lahore.
2. The Secretary, Government of the Punjab, Finance Department, Lahore.
3. The Secretary, Government of the Punjab Communication & Works Department, Lahore.
4. The Secretary, Government of the Punjab, Environment Protection and Climate Change Department, Lahore.
5. The Director General, Wildlife & Parks Punjab, 2-Sanda Road, Lahore.
6. The Director Budget & Accounts (Forests), 24-Cooper Road, Lahore.


SECTION OFFICER (WILDLIFE)

C.C:

PS to the Secretary, FW&F Department.

EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN PUNJAB

ANNOTATED REPLY ON DECISIONS OF DDSC MEETING HELD ON 26.03.2026

Sr. No.	Observation	Reply
1.	Branding, Advertisement & Publicity component proposed at a cost of Rs. 10.000 million shall be deleted.	Deleted from "Commodities & Services" annexure of PC-I scheme.
2.	Services Rendered for media promotion amounting to Rs. 5.000 million shall also be deleted.	Deleted from "Commodities & Services" annexure of PC-I scheme.
3.	Scheme is approved at a total cost of Rs. 782.371 million, keeping rest of the proposed revision intact but subject to provision of additional funds from "Eco-Tourism at Changa Manga and Wetlands, Uchhali & Chashma" scheme of wildlife sector.	Noted for compliance. Additional funds will be managed from "Eco-Tourism at Changa Manga and Wetlands, Uchhali & Chashma" scheme of wildlife sector.



042-99059325

No. 16 (59)AC(FWF)P&D/24
Government of the Punjab
Planning & Development Board
Dated Lahore the 6th December, 2024

To,

The Director General,
Wildlife & Parks,
Punjab.

Subject:

CLEARANCE OF IT COMPONENT OF PC-I SCHEME TITLED "EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN PUNJAB".

I am directed to refer to letters bearing No. 3053/DG.W&P/PL:2(91)/2024 dated 26.11.2024 and 3076/DG.W&P/PL:2(91)/2024 dated 27.11.2024 on the subject cited above, whereby replies to the observations of IT section, P&D Board has been forwarded for clearance as per the decision of DDSC meeting dated 15.11.2024. The same has been examined by the IT section of P&D Board. Now, IT section has agreed with the amendments / replies submitted by the Administrative Department.

Keeping in view of the above, Administrative Department may proceed accordingly, however, a fresh copy of PC-I after making necessary rectifications may be submitted to this office, dully signed by the Competent Authority for record, please.

ASSISTANT CHIEF (FW&F)

Co. & Date Even:

A copy is forwarded to the Secretary, Forestry, Wildlife & Fisheries Department for information, please.

ASSISTANT CHIEF (FW&F)

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1. PS to Member (Env. & CC.), P&D Board
2. PA to Chief (Env. & CC.), P&D Board.



No. 16(59)AC(FWF)(P&D)24-25(P)
GOVERNMENT OF THE PUNJAB
PLANNING AND DEVELOPMENT BOARD
Dated Lahore 04th December, 2024

To

The Secretary,
Government of the Punjab,
Forestry, Wildlife & Fisheries Department,
Lahore.

Subject: **AMENDED TOR(S)-PC-I SCHEME "EXPERIENCE DEVELOPMENT AT CAPTIVE FACILITIES IN PUNJAB"**

I am directed to refer to your office letter No. 3106/DG, W&P/PL-2(91)/2024 dated 12.02.2024 on the subject noted above and to convey the approval of enclosed Terms of References (TORs) for hiring the consultancy services for conducting technical supervision during the procurement / deployment of 3-D screens, Digital Display Screens, QR based Mobile App, alongwith anamorphic content for 3D screens and complete end to end IT based implementation services and TORs for enhancing visitor experience at Lahore Safari Zoo and Lahore Zoo through creative direction, Puppet design, life performance production and technical support under the scheme titled "**Experience Development at Captive Facilities in Punjab**" duly approved by the Authority.

2. Further necessary action may be taken by the Procuring Agency as per Punjab Procurement Rules, 2014.

16/12/24
PLANNING OFFICER (CONSULTANCY-II)

CC:

- i. The Director General, Wildlife & Parks Punjab, Lahore.
- ii. Monitoring & Evaluation Officer, Head Office, Wildlife & Parks Punjab w.r.t to his reference letter mentioned above.
- iii. PS to Secretary, P&D Board, Lahore.
- iv. PS to Sr. Chief (Consultancy) P&D, Board Lahore.
- v. PS to Chief (FW&F), P&D Board, Lahore.
- vi. Concerned file.

TERMS OF REFERENCE (TORs)

HIRING OF CONSULTANCY FIRM FOR ENHANCING VISITOR EXPERIENCE AT LAHORE SAFARI PARK & LAHORE ZOO

1. INTRODUCTION

The Lahore Safari Park is a key recreational and educational facility in Punjab, attracting numerous visitors each year. To enhance the visitor experience, the Punjab Wildlife Department is introducing innovative entertainment programming. This includes live performances, theatrical shows, and the integration of float puppetry and live performances to captivate and educate visitors. The initiative aims to increase visitor engagement while ensuring high standards in creative production and operational management.

2. OBJECTIVES OF THE CONSULTANCY

The primary objective of this consultancy is to develop and implement a high-quality entertainment and educational program at Lahore Safari Park through creative direction, puppet design, live performance production, and technical support. The key objectives are:

1. To develop and implement innovative, engaging performance concepts tailored to wildlife park and zoo settings.
2. To create high-quality educational and entertainment content.
3. To establish a professional program featuring float puppetry and live performances.
4. To design and execute specialized props, costumes, and puppet characters.
5. To train performers and staff for long-term program sustainability.
6. To ensure consistent delivery of performances in line with established quality standards.

3. SCOPE, DUTIES, AND RESPONSIBILITIES OF THE CONSULTANT

The consultant will be responsible for the overall execution of the project, including the following:

a. Creative Direction & Production

- Develop and execute a creative vision for performances at the Safari Zoo.
- Ensure alignment with educational and recreational goals.
- Coordinate with technical and performance teams to ensure high-quality production.

b. Puppet Design & Production

- Design and develop 15-20 puppets suitable for performances.
- Oversee puppet making, ensuring quality control and technical specifications.
- Develop puppet manipulation techniques and train performers.

c. Music & Sound Production

- Compose original music for performances.
- Ensure high-quality sound design and execution during live performances.
- Coordinate voice-over recordings and technical sound management.

d. Performance Direction

- Direct and choreograph live performances.
- Manage performer auditions and selection.
- Oversee rehearsals, training, and ensure consistent performance quality.

e. Technical Production Management

- Manage technical infrastructure, including float construction and technical equipment.
- Ensure safety and quality standards during technical setup and performances.
- Supervise technical crew and handle day-to-day operational requirements.

4. DELIVERABLES AND TIMELINE

The following deliverables are required within the specified timeline:

Sr. No.	Deliverable	Timeline	Details
1.	Inception Report	Week 1	- Initial work plan, methodology, and project scope.
2.	Creative Concept & Performance Program	Month 1	- Finalized performance concepts, themes, storyboards, and program outline.
3.	Puppet Design & Prototypes	Month 4	- Detailed puppet designs and prototypes for performances.
4.	Music & Sound Design	Month 3	- Original music compositions and sound effects plan for the performances.
5.	Training Program for Performers	Month 3	- Development and execution of performer and technical crew training.
6.	Technical Setup & Testing	Month 3	- Installation and testing of sound, lighting, and float equipment for performances.
7.	Performance Rehearsals & Evaluation	Month 5	- Rehearsals and quality checks to ensure readiness for public shows.
8.	Launch & Public Performance Schedule	Month 5	- Final performance schedule and coordination for public shows.
9.	Final Project Report & Post-Launch Evaluation	Month 6	- Summary of project outcomes, lessons learned, and post-launch feedback.

The timeline is crucial for tracking project progression, and all reports should be submitted as per the deadlines to ensure proper coordination with the Wildlife Department.

5. QUALIFICATIONS AND JOB DESCRIPTION OF KEY STAFF

Sr. No.	Position	No. of Posts	No. of Man-Months	Qualifications	Experience	Job Description
1.	Creative Director and Production Lead	1	6 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in designing public performances.	- Lead creative process of puppet design, performance themes, and concept. - Coordinate artists, designers, and performers.
2.	Puppet Designer	2	4 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 3+ years of experience in puppet design and crafting.	- Design and create puppets and related materials. - Collaborate with the creative team to ensure quality and functionality of puppets.
3.	Music & Sound Specialist	1	3 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in composing and creating sound for theatrical projects.	- Compose original music and sound effects for performances. - Work with sound engineers and performers to ensure technical and creative integration.
4.	Performance Director	4	5 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 3+ years of performance experience.	- Perform puppetry during shows. - Attend rehearsals and contribute to the creative process.
5.	Technical Production Manager	1	5 months	- Bachelor's in Fine Arts, Theatre, Performing Arts or equal diploma or course.	- 5+ years of experience in technical setup for live performances.	- Manage technical equipment for performances (sound, lighting, stage setup). - Supervise technicians and ensure proper execution of technical aspects.

6. ROLE OF THE CLIENT AGENCY

The Wildlife Department will be responsible for:

a. Administrative Support:

- Providing access to facilities and coordination with other departments.
- Issuing necessary permits and authorizations.
- Facilitating workspace and rehearsal areas for the production teams.

b. Technical Support:

- Providing access to technical infrastructure and utilities.
- Ensuring proper storage and security of technical equipment and props.

c. Operational Support:

- Assigning a focal person for coordination.
- Assisting in logistics and audience management during performances.

7. DURATION OF THE ASSIGNMENT

The consultant will be required to complete the assignment within **6 months**, starting from the award of the contract.

8. PROFESSIONAL LIABILITY

The professional liability of the consultant shall be as defined in Rule 54 of the Punjab Procurement Rules, 2014 (amended till date).

V





Muhammad Adil Nadeem
Monitoring & Evaluation Officer
Wildlife & Parks, Punjab

TERMS OF REFERENCE (TORS) FOR TECHNICAL CONSULTANT

The engagement/selection of firm is for the technical supervision during the procurement / deployment of 3-D screens, Digital Display Screens, QR based Mobile App, along with anamorphic content for 3D screens and complete end to end IT based implementation services. This only includes the Technical Consultancy Services but not the provision of any kind of solution/software/system.

A. Background:

The Punjab Wildlife and Parks Department aims to enhance wildlife awareness and conservation efforts. To achieve this, the department plans to procure and set up 3D screens, digital display screen and QR based mobile app at major Zoos of Punjab, for showcasing immersive content to educate and engage the public. This initiative aligns with global trends towards leveraging technology for educational purposes in zoological settings.

Keeping in view the above, the Punjab Wildlife & Parks department intends to seek engagement of the firm with the Technical Expertise w.r.t latest IT technologies.

B. Objective:

The primary objective of the engagement of the consultant is to provide technical insight, expertise and advisory services for the procurement and deployment of various IT components in the project to promote wildlife awareness.

C. Scope of Work:

This engagement includes working as a technical consultant to provide advisory services for the procurement and setup of 3D screens focusing on immersive educational anamorphic content for public, deployment of digital screens and QR based mobile app, with an emphasis on wildlife awareness and conservation. Also,

- Meetings and discussions for the finalization of desired requirements
- Establishment of a detailed working module for the client including the following components;
 - i. Providing Technical Specifications and guidelines for procurement and installation.
 - ii. Conducting a market analysis to identify suitable vendors with expertise in 3D screens and anamorphic content.
 - iii. Assisting the Wildlife Department in drafting and evaluating Request for Proposals (RFPs) / Tender Documents for the procurement of 3-D screens, Digital Display Screens, QR based Mobile App.
 - iv. Supporting the client department in identifying the ideal site for installation of 3D screens and digital display screens, through a comprehensive evaluation and analysis of all relevant parameters.
 - v. Supervising the installation process and ensuring compliance with the requirement.

- vi. Support in the Handing-taking of the project after closure/successful implementation / installation.
- vii. Defining maintenance schedules and establishing a technical support mechanism through O&M.

Roles and Responsibilities Clarification:

Technical Firm:

Being a Technical Consultant, responsibilities are outlined below:

- a) **Need Assessment:** The selected firm will offer advisory support to the PWD to conduct a comprehensive assessment. This support aims to provide guidance that will assist the PWD in the implementation of different IT interventions within their jurisdictions.
- b) **Project Planning:** The consultancy firm will support PWD to develop a project plan, outlining project scope, timelines, and milestones in coordination with the client.
- c) **Solution Design:** Advisory support to design a feasible IT Solutions that aligns with the objectives, offering least total cost to operate (TCO) the systems.
- d) **Vendor Selection:** Assist in the process of selecting Service Provider(s) for the implementation of IT Solutions, providing valuable insights into their capabilities, experience, and technological resources.
- e) **Quality Assurance:** Assist in establishing quality control processes to ensure that the required solutions meet the client's standards and expectations.
- f) **Technical Oversight:** Supervise the implementation of IT Solutions, including the installation and calibration of hardware, software and interactive interfaces by the Service Provider(s).
- g) **Communication:** Maintain clear and open communication with the Executive Committee and other stakeholders, providing regular updates and addressing any concerns or questions.
- h) **Documentation:** Assist in preparing RFP documentation, project plans, progress reports, technical specifications etc.
- i) **Post-Implementation Support:**
 - The consultancy firm will devise guiding principles to execute the post-implementation support by the Service Provider(s), effectively addressing potential issues and implementing risk mitigation strategies to secure the long-term viability of the solutions.

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- Facilitate during the procurement and implementation of software solutions in accordance with the scope described herein.
- Provide assistance for the timely execution of deliverables in compliance to the project scope of work.

D. Role of Client Agency:

The client department shall be responsible for meeting the contractual obligations and granting the consultant's team of expert's access to the sites.

Other Responsibilities of Wildlife Department:

- On-ground implementation of the solution and identification of the implementation site through the selected vendor after following the public procurement process.
- Execute the procurement processes following the guidelines provided by Technical Consultant to ensure transparency.
- Review and Finalization the content (provided by the vendor) that is to be displayed
- Ensure site readiness and provide on-site personnel for coordination during setup/deployment.
- Assign responsibility for day-to-day screen operation and initiate support requests as needed.

Coordination and Communication:

Both the Technical consultant and Wildlife & parks department will designate focal persons to review the progress and conduct regular progress review meetings.

E. Estimated duration of Assignment:

The duration of the technical consultancy is for 6 months after the contractual engagement. The estimated timelines are provided below;

Sr. no	Description	Estimated Timelines
1	Requirement / Specifications finalization, RFP / Tender Document preparation & Vendor shortlisting	1.5 Months
2	Procurement and Delivery of Hardware	2 Months
3	Installation and testing of Solution	1.5 Months
4	Training and handover	1 Months

Timelines are provided based on prior approval, site readiness, onboarding of contractor and other required pre-requisites.

F. Deliverable with Timelines:

The tentative timelines against each deliverable is provided below;

Sr. no	Deliverable	Estimated Timelines
1	Requirement finalization by the client department including the specifications and purchase of 3-D screens, Digital Display Screens, QR based Mobile App and other IT component.	3 Weeks
2	RFP / Tender Document preparation in line with the PPRA guidelines and technical specifications drafted under departmental requirement (scope of work).	3 Weeks
3	Assistance during initiation of Procurement process by department and shortlisting of vendor through defined criteria.	4 Weeks
4	Supervise/Advisory service during the process of Hardware & Software delivery by the selected vendor	5 Weeks
5	Technical Advisory during the on-site deployment	3 Weeks
6	Testing of deployed Solution	3 Weeks
7	Supervision of the Training and handover to the client	4 Weeks

G. Qualification, Experience and Job Description of Manpower engaged by the Consultant Firm:

Sr. No.	Expert Positions	No. of Positions	No. of Months	No. of Years of Experience	Minimum Qualification	Experience/Job Description
01	Program Manager (Technical)	1	6	3 (Particularly in 3D Graphics)	Minimum 16 years of education in Computer Science, IT, or related field from a reputed HEC-recognized institution	a. Design and maintain scalable infrastructure using Docker, Kubernetes, and other container technologies. b. Implement and manage CI/CD pipelines, automate deployment with Ansible. c. Perform MySQL administration and network troubleshooting. d. Provide strategic

Sr. No.	Expert Positions	No. of Positions	No. of Months	No. of Years of Experience	Minimum Qualification	Experience/Job Description
						leadership for project planning, execution, and delivery in the Forestry, Wildlife & Fisheries sector. e. Manage stakeholder relationships and address risks during project execution.
02	Program Coordinator	1	6	3 (Particularly in IT related Project Procurements and management),	16 years of education in Computer Science, Project Management, Software Engineering, IT, or related field	a. Assist in developing and monitoring project plans, ensuring timely execution. b. Serve as the point of contact between internal teams and stakeholders. c. Prepare and maintain project documentation and reports. d. Support resource allocation and contribute to quality assurance throughout the project. e. Provision of detailed trainings for the use of the procured items and final take over by the client agency.

H. Professional Liability:

- (1) The consultant selected and awarded a contract shall be liable for consequence of errors or omissions on the part of the consultant.
- (2) The extent of liability of the consultant shall form part of the contract and such liability shall not be less than remunerations nor shall it be more than twice the remunerations.
- (3) The procuring department may demand insurance on part of the consultant to cover the liability of the consultant and necessary costs shall be borne by the consultant.
- (4) The consultant shall be held liable for all losses or damages suffered by the procuring department on account of any misconduct by the consultant in performing the consulting services.

Despite any provisions here or elsewhere in the Consulting Services Agreement (CSA), the Consultant shall remain fully accountable for all obligations outlined in the CSA and these Terms of Reference (TORs) with respect to advisory services.

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Muhammad Adil Nadeem
Monitoring & Evaluation Officer
Wildlife & Parks Punjab

(A)