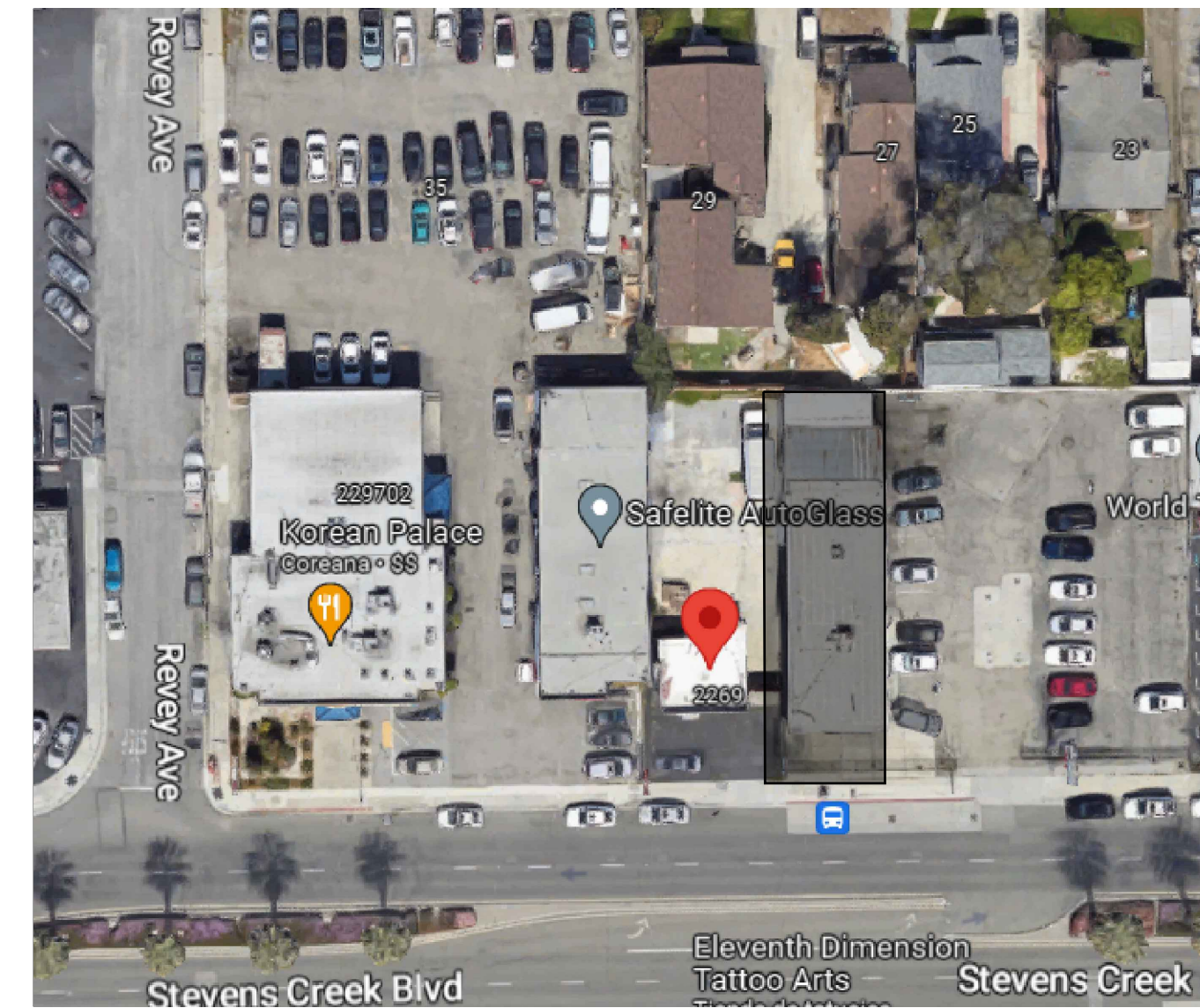
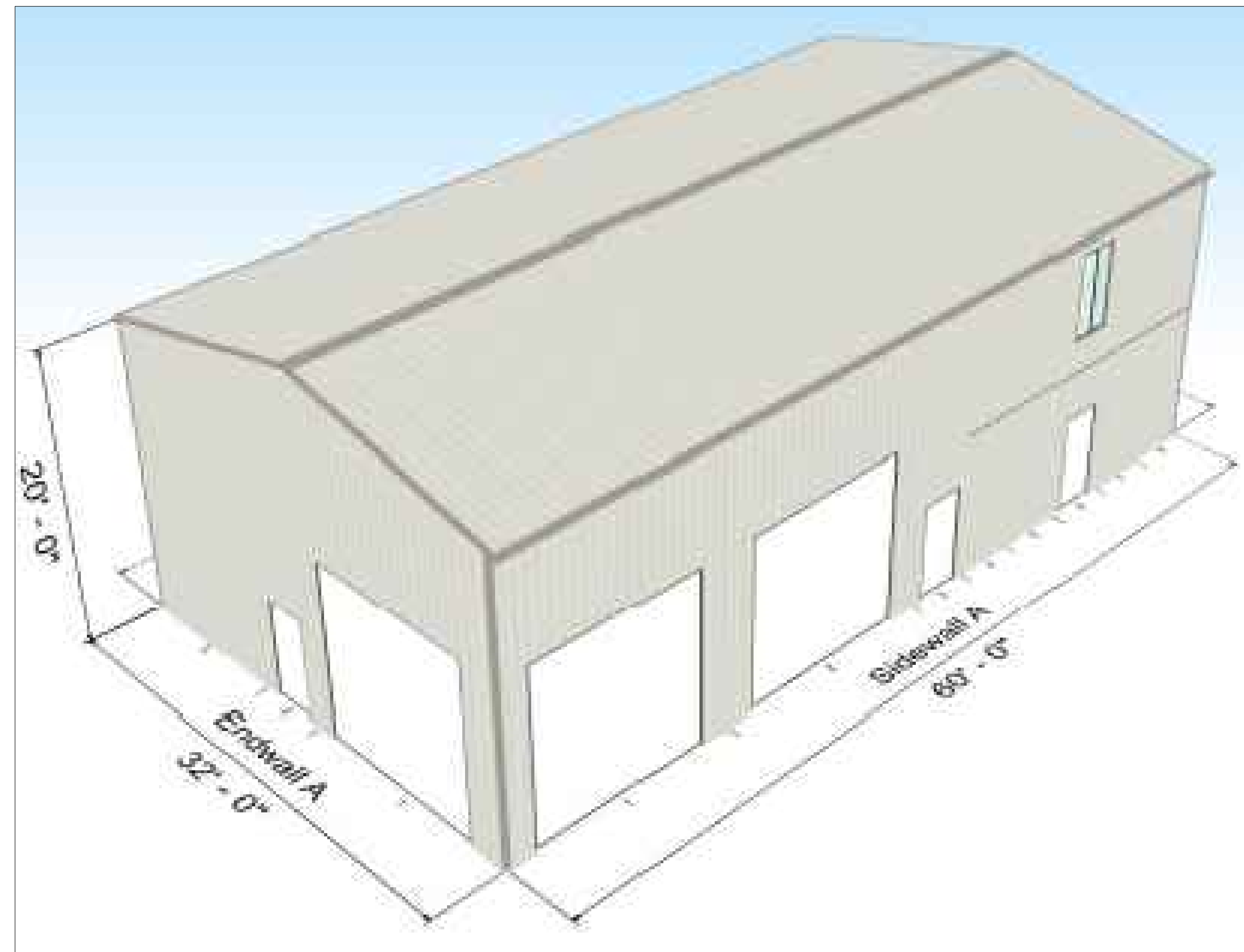
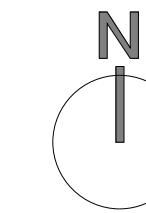


STEVENS CREEK

2265 STEVENS CREEK BLVD
SAN JOSE, CA. 95126



2 BLOCK PLAN
NO SCALE



GENERAL NOTE

- CONTRACTOR SHALL VISIT THE SITE AND ACQUAINT THEMSELVES WITH THE CONDITIONS AS THEY ACTUALLY EXIST AND VERIFY LOCATIONS, CONDITIONS AND DETAILS REQUIRED TO COMPLETE THE WORK.
- DISPOSAL SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.
- THE CONTRACTOR SHALL USE MATERIALS THAT ARE COMPATIBLE TO EXISTING MATERIALS AND COMPLY WITH APPLICABLE REGULATIONS. BEFORE PROCEEDING, EXAMINE THE SURFACES TO BE MODIFIED AND THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. IF UNSAFE OR OTHERWISE UNSATISFACTORY CONDITIONS ARE ENCOUNTERED, TAKE CORRECTIVE ACTION BEFORE PROCEEDING WITH THE WORK. CUT USING SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING. RESTORE FINISHES OF PATCHED AREAS AND, WHERE NECESSARY, EXTEND FINISH RESTORATION INTO ADJOINING SURFACES.
- ALL MATERIAL SHALL BE INSTALLED WITH THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION AND IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AT THE SITE AND SHALL VERIFY ALL MEASUREMENTS.
- EXISTING OPENING FRAME SHALL REMAIN UNALTERED. ALL NEW WINDOWS OR DOORS SHALL FIT THE EXISTING ROUGH OPENING. PERFORM ALL WORK IN A WORKMANLIKE MANNER. CONTRACTOR TO REPLACE OR REPAIR ANY DAMAGE TO EXISTING AREAS TO REMAIN, AS DETERMINED BY THE OWNER.

SCOPE OF WORK

- CONSTRUCT A NEW NON-CONDITION METAL BUILDING 33' x 60' FOR STORAGE
- REMODEL EXISTING BUILDING WITH A NEW ROOF AND NEW ADA BATHROOM
- NO NEW OR REPLACEMENT OF IMPERVIOUS AREA

APPLICABLE CODES

2022 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
PART 1 - California Building Code Volumes 1 & 2
PART 2 - California Mechanical Code
PART 3 - California Plumbing Code
PART 4 - California Electrical Code
PART 5 - California Existing Buildings Code
PART 6 - California Fire Code
PART 7 - California Energy Code
PART 8 - California Residential Building Code
PART 9 - California Green Building Standards Code
PART 10 - California Historical Building Code

SANTA CLARA COUNTY MUNICIPAL CODE.

OWNER

NAME	Daniel Ni
EMAIL	daniel.ni@gmail.com
PHONE	(925) 858-5095

TEAM

ARCHITECTS-SF	FRANCISCO MATOS
DIRECTION	1390 Market Street Suite 1612 San Francisco, CA 94102
PHONE	(415) 519-4954
EMAIL	francisco@architects-sf.com
WEB	http://www.architect-sf.com

PROJECT DATA

ADDRESS	Stevens Creek Blvd San Jose, CA. 95126
APN	274-41-68
ZONING CLASSIFICATION	G
OCCUPANCY CLASSIFICATION	(E)=B (P)=B + S1
DEWELLING UNITS	0
NUMBER OF BUILDINGS	(E) 1 (P) 2
BUILDING HEIGHT	(E) 13'-0" (P) STORAGE 22'-6"
STORY COUNT	1
CONSTRUCTION TYPE	(E) V B (P) V B & (P) II B
SPRINKLER SYSTEM	(E) NONE (P) YES
LOT AREA	5,593 SF
LOT COVERAGE	1,980 SF

SHEET LIST

GENERAL

G-000	TITLE, COVER SHEET & SHEET INDEX
ARCHITECTURE DRAWING	
A-100	EXISTING & PROPOSED SITE PLAN
A-101	EXISTING & PROPOSED 1ST FLOOR PLAN
A-102	PROPOSED MEZZANINE FLOOR PLAN
A-103	EXISTING & PROPOSED EAST ELEVATION
A-104	EXISTING & PROPOSED SOUTH ELEVATION
A-105	EXISTING & PROPOSED EAST SECTION
A-106	EGRESS & ACCESSIBLE PATH TRAVEL
A-107	DOOR SCHEDULE
A-108	ELECTRICAL & MECHANICAL PLANS
A-109	BATHROOM ADA DETAILS
A-110	STAIR & GUARDRAILS DETAILS - SECTIONS
A-111	PLUMBING PLAN
T-24 (1)	T-24 (1-6)
T-24 (1)	T-24 (7-10)
T-24 (2)	T-24 (1-6)
T-24 (2)	T-24 (7)
P-1	PLUMBING GENERAL NOTES
P-2	PLUMBING SCHEDULES
P-3	PLUMBING DIAGRAMS
P-4	PLUMBING DETAILS
S-1.1	GENERAL NOTES
S-1.2	SCHEDULE
S-1.3	TYPICAL SECTION
S-2.1	FOOTAGE LAYOUT PLAN
S-2.2	ROOF FRAMING LAYOUT PLAN
S-3.1	SECTION DETAILS

ARCHITECTS SF

ARCHITECTS SF

Address: PO BOX 469993 San Francisco, CA, 94142
Phone: (415) 519-4954
Email: francisco@architects-sf.com

#	Revision	Date

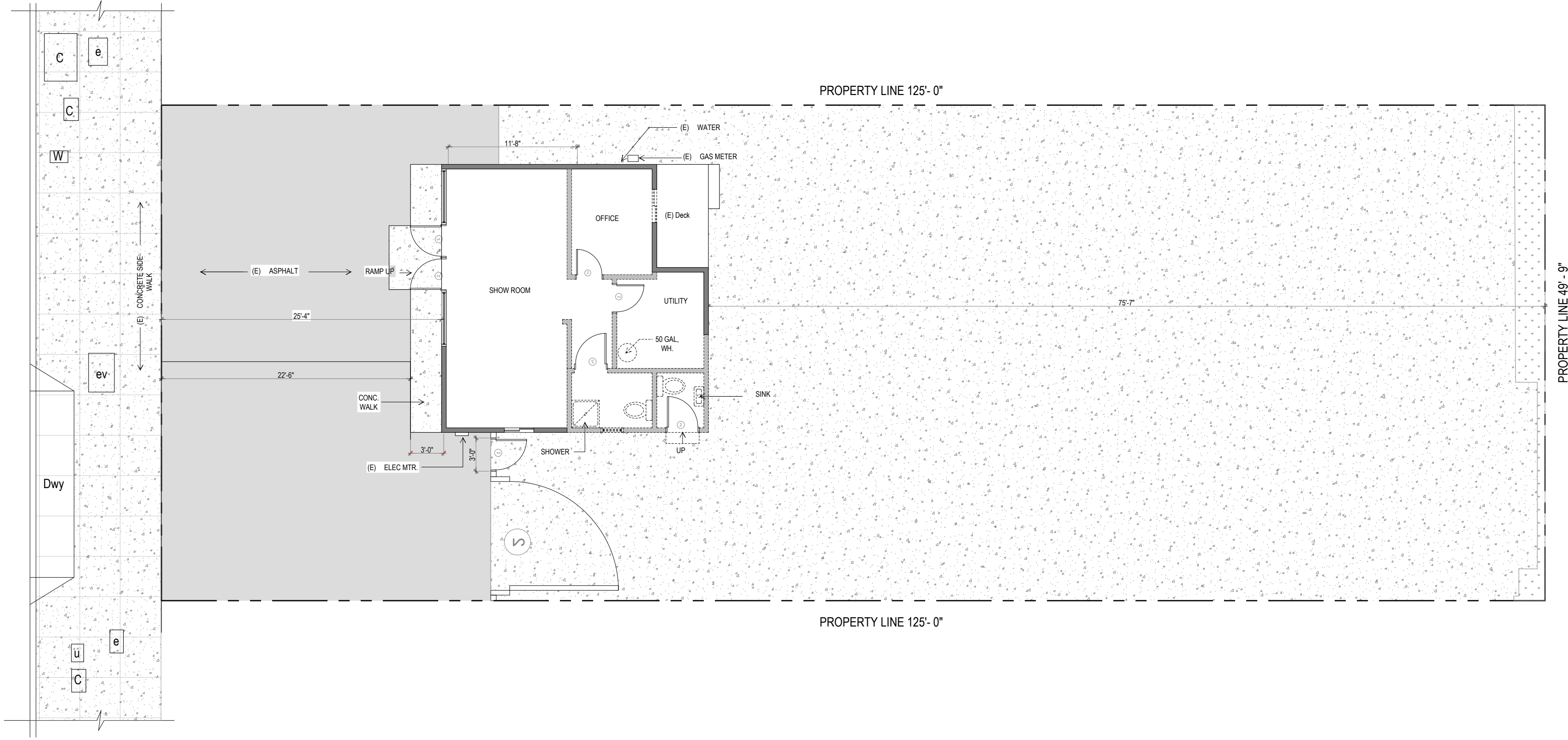


PROJECT:
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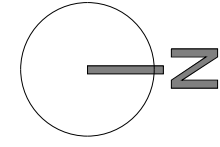
DRAWING TITLE:
**TITLE, COVER SHEET &
SHEET INDEX**

G-000

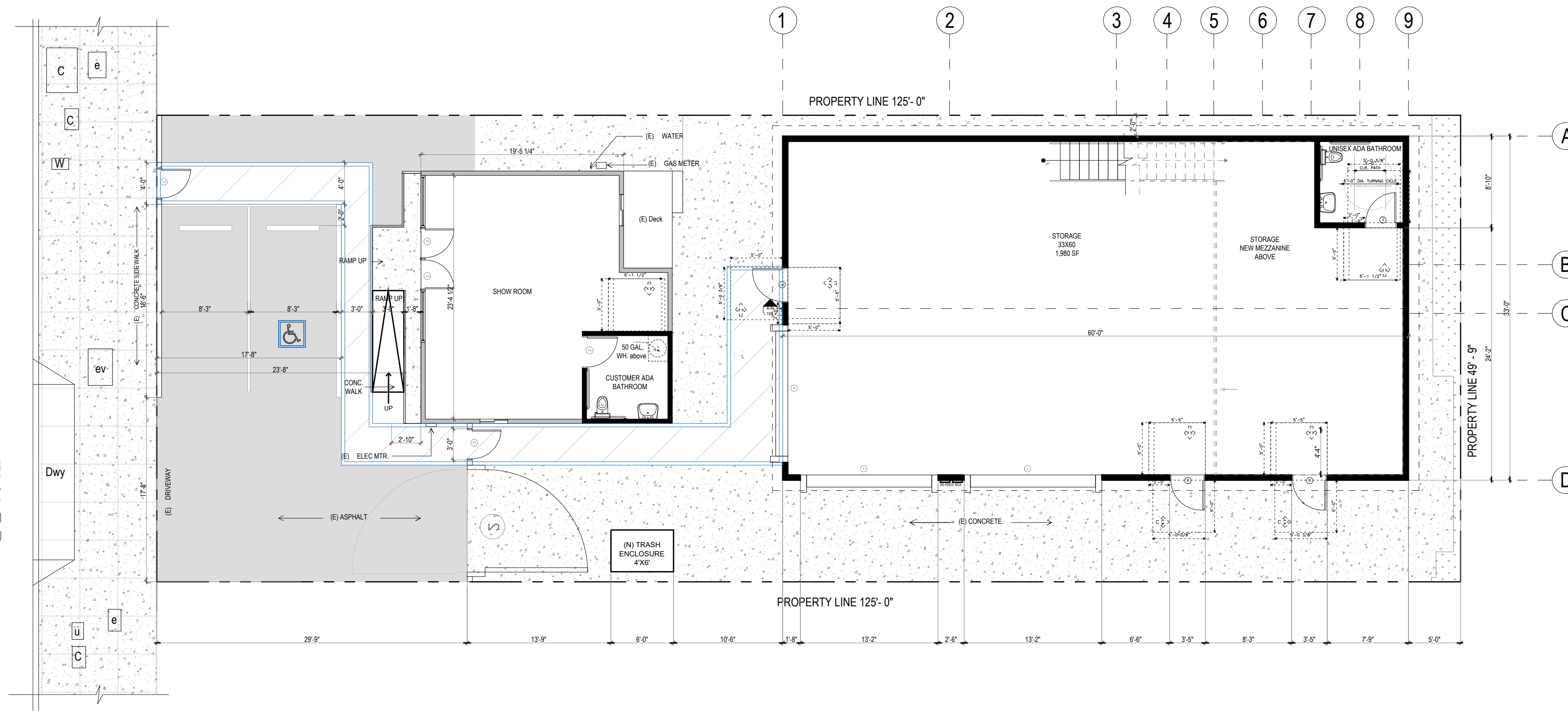
STEVENS CREEK BOULEVARD
Public Right of Way - 96' Wide



3 EXISTING FIRST FLOOR PLAN
1/8"=1'-0"



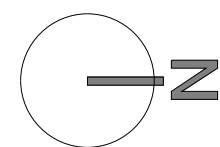
STEVENS CREEK BOULEVARD
Public Right of Way - 96' Wide



LEGEND

- New wall
- Demolition wall
- Existing wall

4 PROPOSED FIRST FLOOR PLAN
1/8"=1'-0"



ARCHITECTS SF
SF ARCHITECTS

Address: PO BOX 469993 San Francisco, CA, 94142
Phone: (415) 317-4254 Email: franciscoarchitects@sf.com

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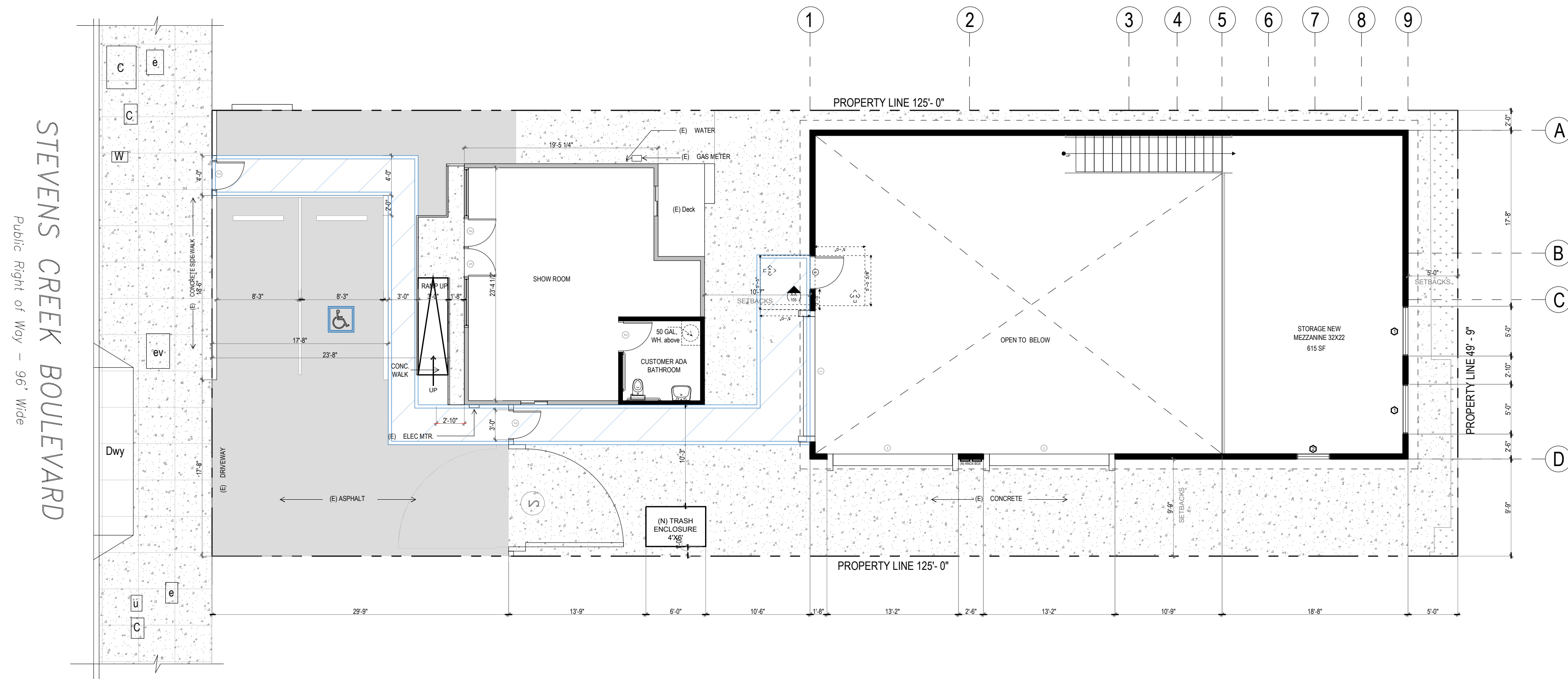
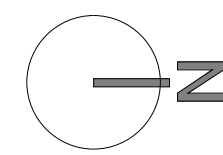


PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

DRAWING TITLE:
**EXISTING & PROPOSED
1ST FLOOR PLANS**

A-101

5 PROPOSED MEZZANINE FLOOR PLAN
1/8"=1'-0"



LEGEND

- New wall
- Demolition wall
- Existing wall

#	Revision	Date



PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

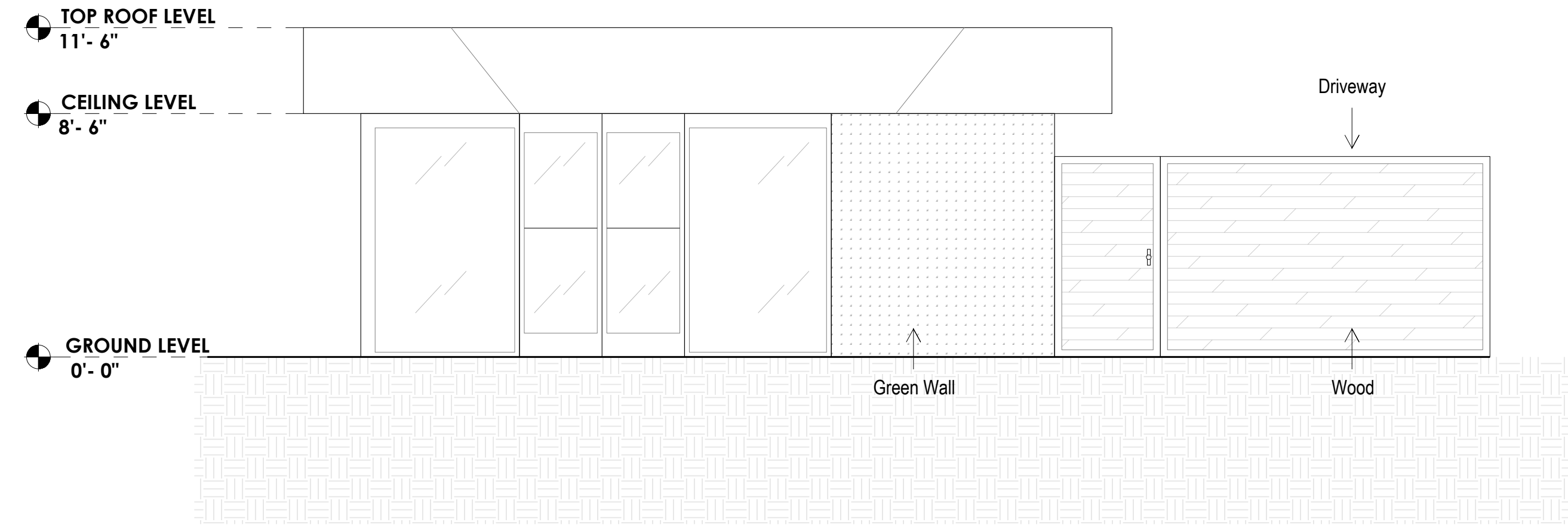
DRAWING TITLE:
**PROPOSED
MEZZANINE PLANS**

A-102

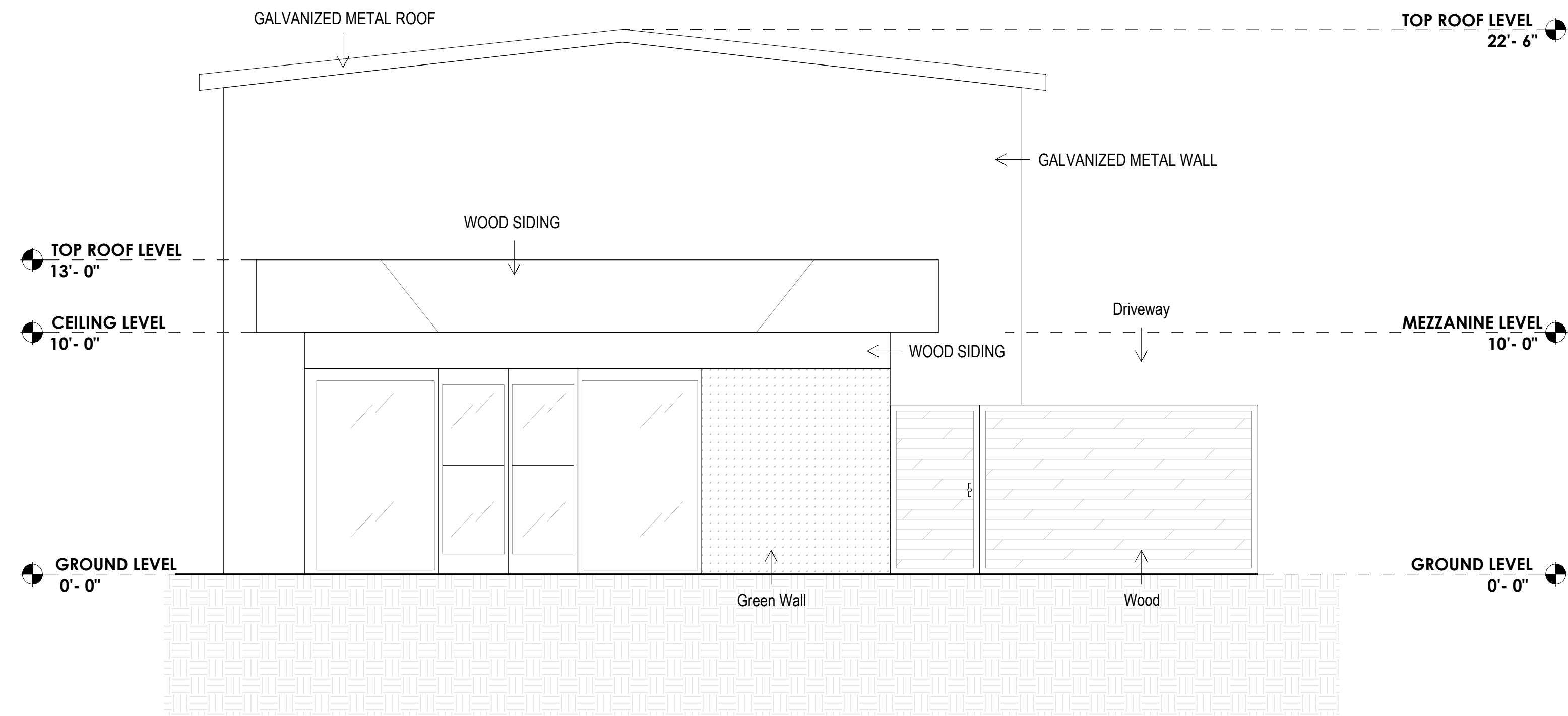
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SF ARCHITECTS

Phone: (415) 317-4541 | Email: eric@sfarchitects.com | ericosarchitects.com
Address: PO BOX 469993 San Francisco, CA, 94142



8 (E) SOUTH ELEVATION
1/4"=1'-0"



9 (P) SOUTH ELEVATION
1/4"=1'-0"

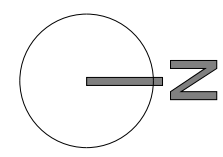
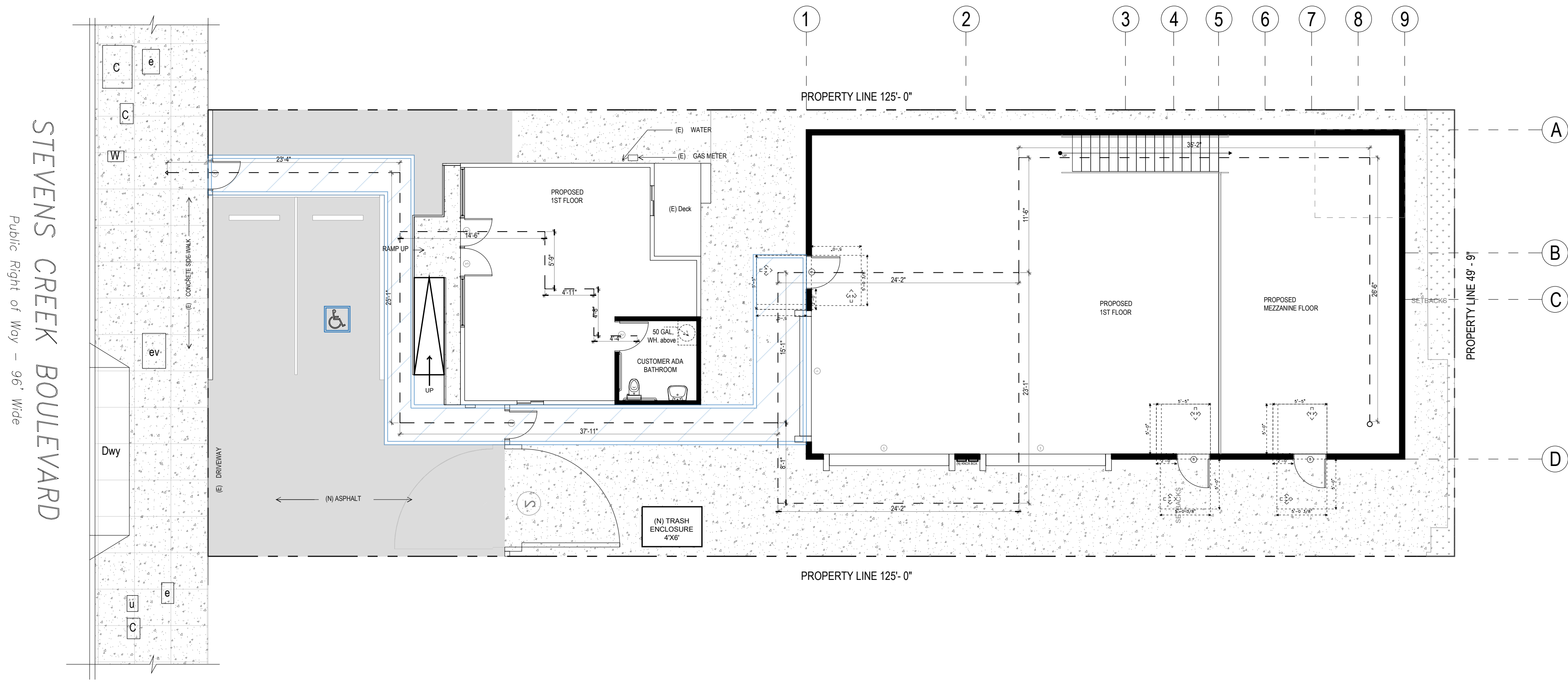
#	Revision	Date



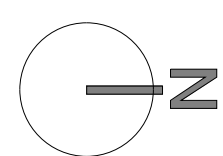
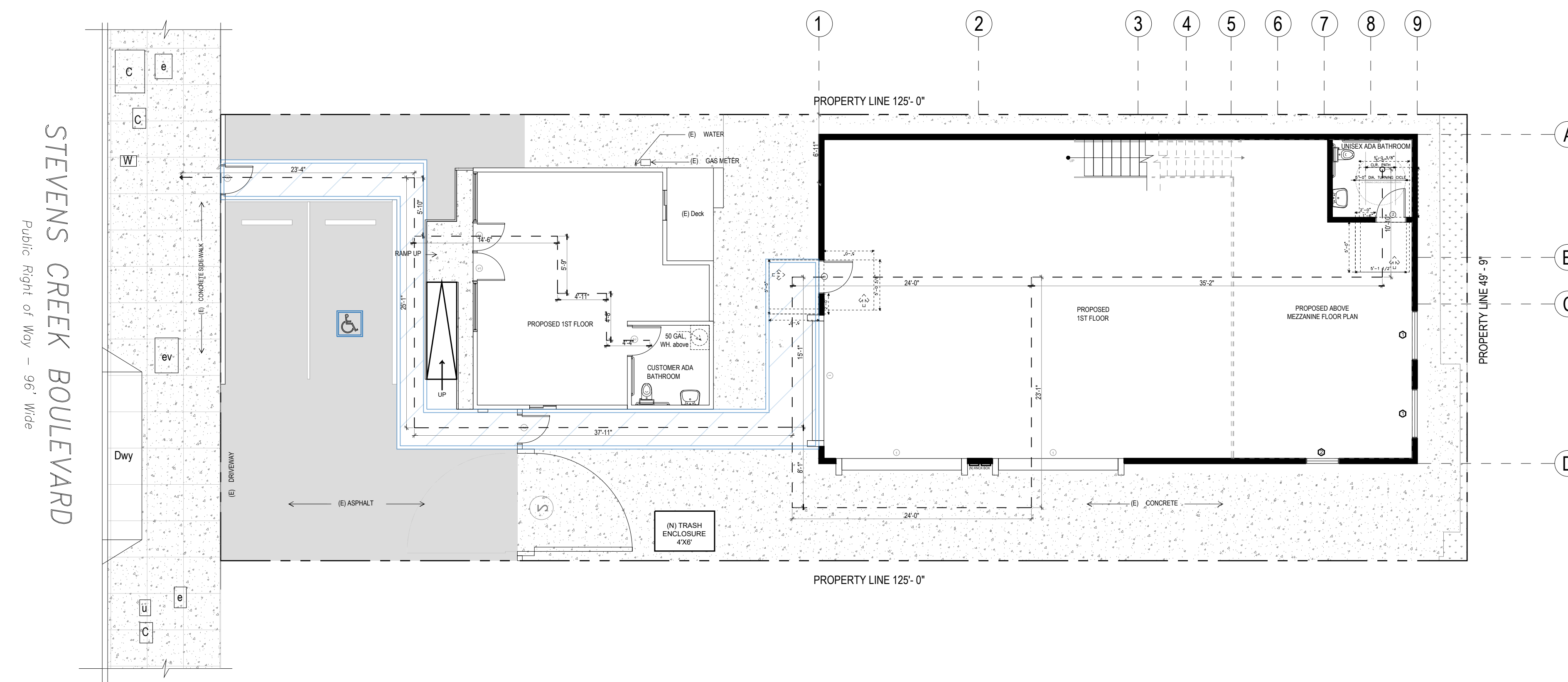
PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

DRAWING TITLE:
**EXISTING & PROPOSED
SOUTH ELEVATION**

11 MEANS OF EGRESS PLAN
1/8"=1'-0"



12 ACCESSIBLE PATH OF TRAVEL
1/8"=1'-0"



LEGEND

- New wall
- Demolition wall
- Existing wall

ARCHITECTS SF
SF ARCHITECTS

Address: PO BOX 469993 San Francisco, CA, 94142
Phone: (415) 374-4544
Email: info@sfaarchitects.com

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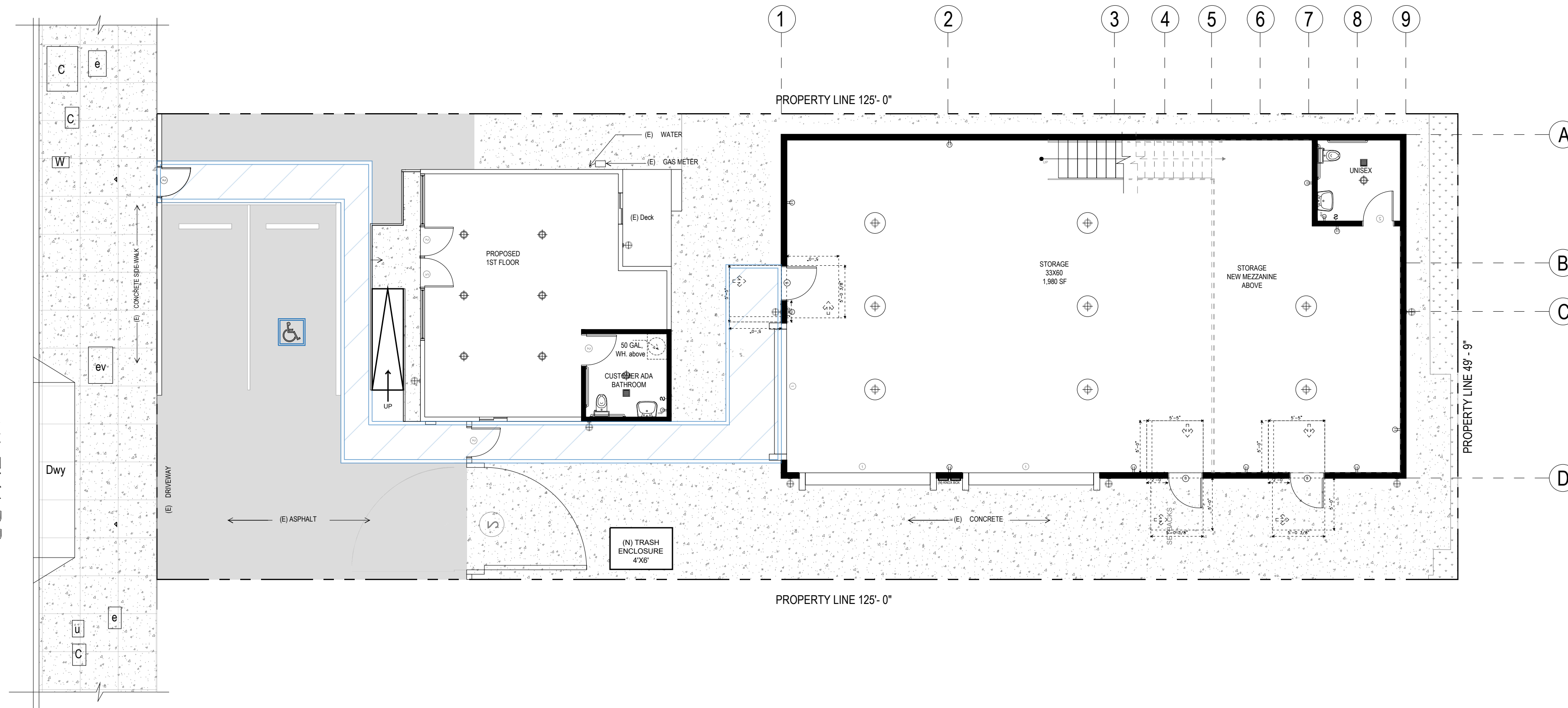


PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

DRAWING TITLE:
**EGRESS & ACCESSIBLE
PATH TRAVEL**

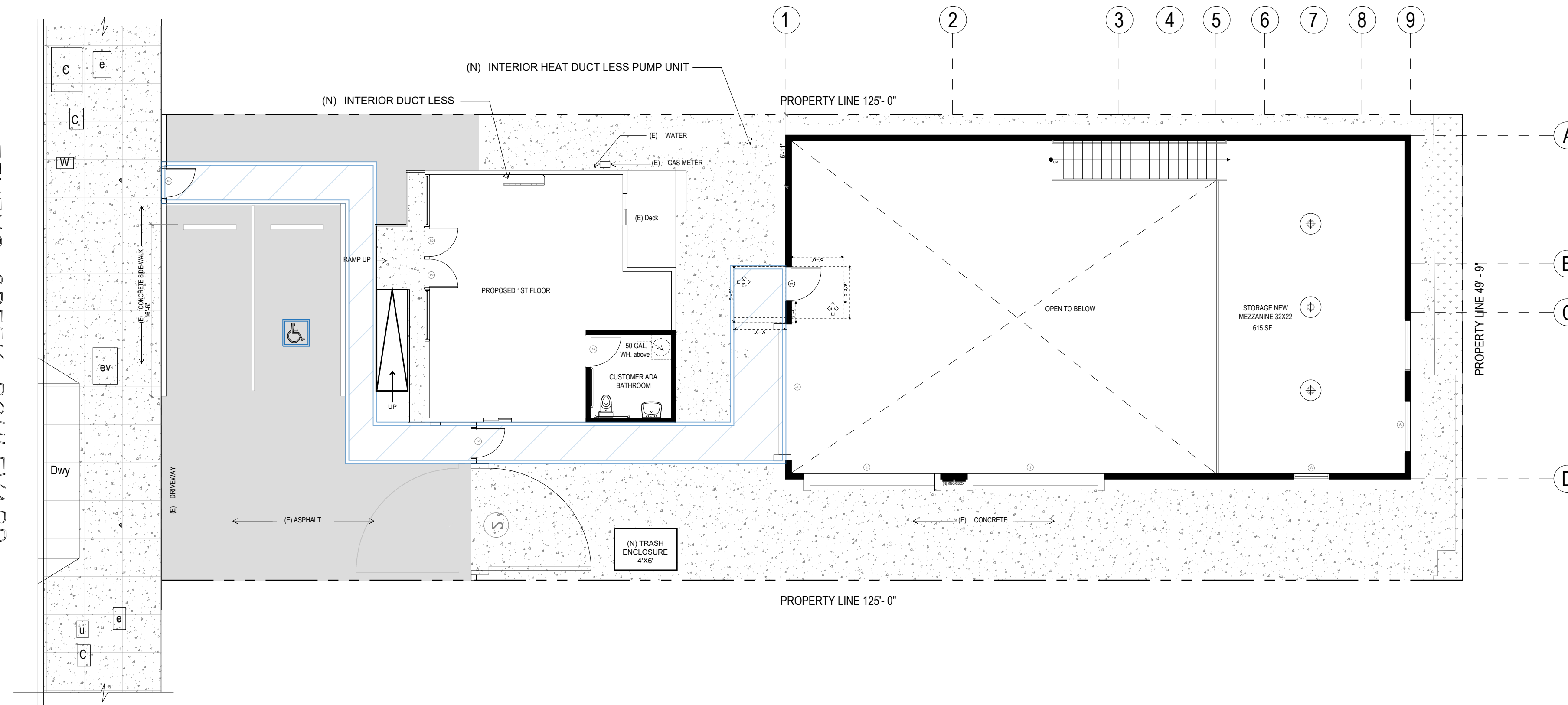
A-106

STEVENS CREEK BOULEVARD
Public Right of Way - 96' Wide



16 ELECTRICAL LIGHTNING PLAN- FLOOR PLAN
1/8"=1'-0"

STEVENS CREEK BOULEVARD
Public Right of Way - 96' Wide



17 ELECTRICAL /MECHANICAL PLAN- MEZZANINE
1/8"=1'-0"

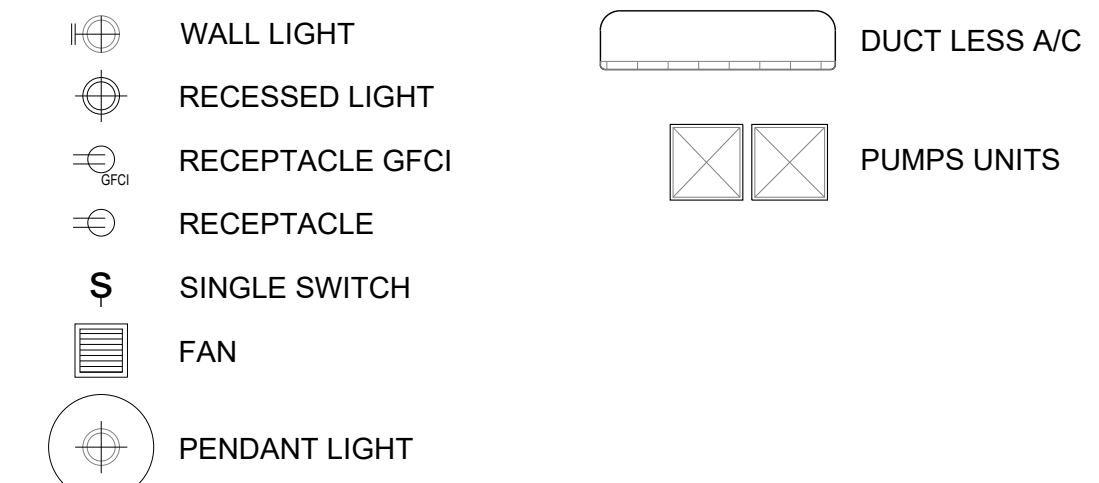
ELECTRICAL NOTE

1. Edison Company approval is required for electric meter location and/or relocation prior to meter installation.
2. Field inspectors to review and approve underground services prior to concrete placement.
3. Service equipment and subpanels to have a minimum 30 by 36 inch clear work space on a level surface with 78 inch clear height. (CEC 110.26(A))
4. Subpanels are not allowed to be located in bathrooms or clothes closets. (CEC 240.24(D) & (E))
5. Circuits sharing a grounded conductor (neutral) with two ungrounded (hot) conductors must use a two pole circuit breaker or an identified handle tie. (CEC 200.4(B))
6. Group non-cable circuits in panel (CEC 210.4(D))
7. Ground fault circuit interrupter (GFCI) protection shall be provided at all receptacle outlets in bathrooms, crawl spaces, garages, rooftops, outdoor outlets, and above kitchen countertops, or within 6 feet of a wet bar or laundry sink. (CEC 210.8)
8. Combination type Arc Fault Circuit Interrupter (AFCI) circuit breakers are required for all 120V single phase 15A/20A branch circuits. Except where GFCI circuits are provided. (CEC 210.12(B))
9. A minimum of 2 dedicated 20-ampere circuits are required for all receptacle outlets in the kitchen, dining room, breakfast area, pantry or similar areas. (CEC 210.11(C)(1) & 210.52(B))
10. A minimum of one dedicated 20 ampere circuit is required for each bathroom and laundry room. (CEC 210.11(C)(2)&(3))
11. In Bathrooms, a GFCI protected receptacle outlet is required within 3 feet of the edge of each sink. (CEC 210.52(D))
12. Receptacle outlets are not allowed within or over a bathtub or shower stall. (CEC 406.9(C))
13. General receptacle outlets must be located so that no point on any wall, fixed glass, or cabinets is over 6 feet from a receptacle outlet. (CEC 210.52(A)(1))
14. Hallways 10 feet or longer must have at least one receptacle outlet. (CEC 210.52(H))
15. All receptacle outlets are required to be listed tamper resistant receptacles. (CEC 406.12)

MECHANICAL NOTE

1. Exhaust ducts shall terminate not less than 3 feet from a property line or opening into a building, 10 feet from a forced air inlet, and shall not discharge onto a public walkway. (CMC 502.2.1)

COVERAGE LEGEND



(E) PANEL CAPACITY 100 AMP

ELECTRICAL PANEL LOADS INFORMATION

- (E) BUILDING LIGHT
- (E) BUILDING RECEPTACLES
- (E) BUILDING HEAT PUMP
- (N) BUILDING LIGHT
- (N) BUILDING RECEPTACLES
- (N) BUILDING HEAT PUMP



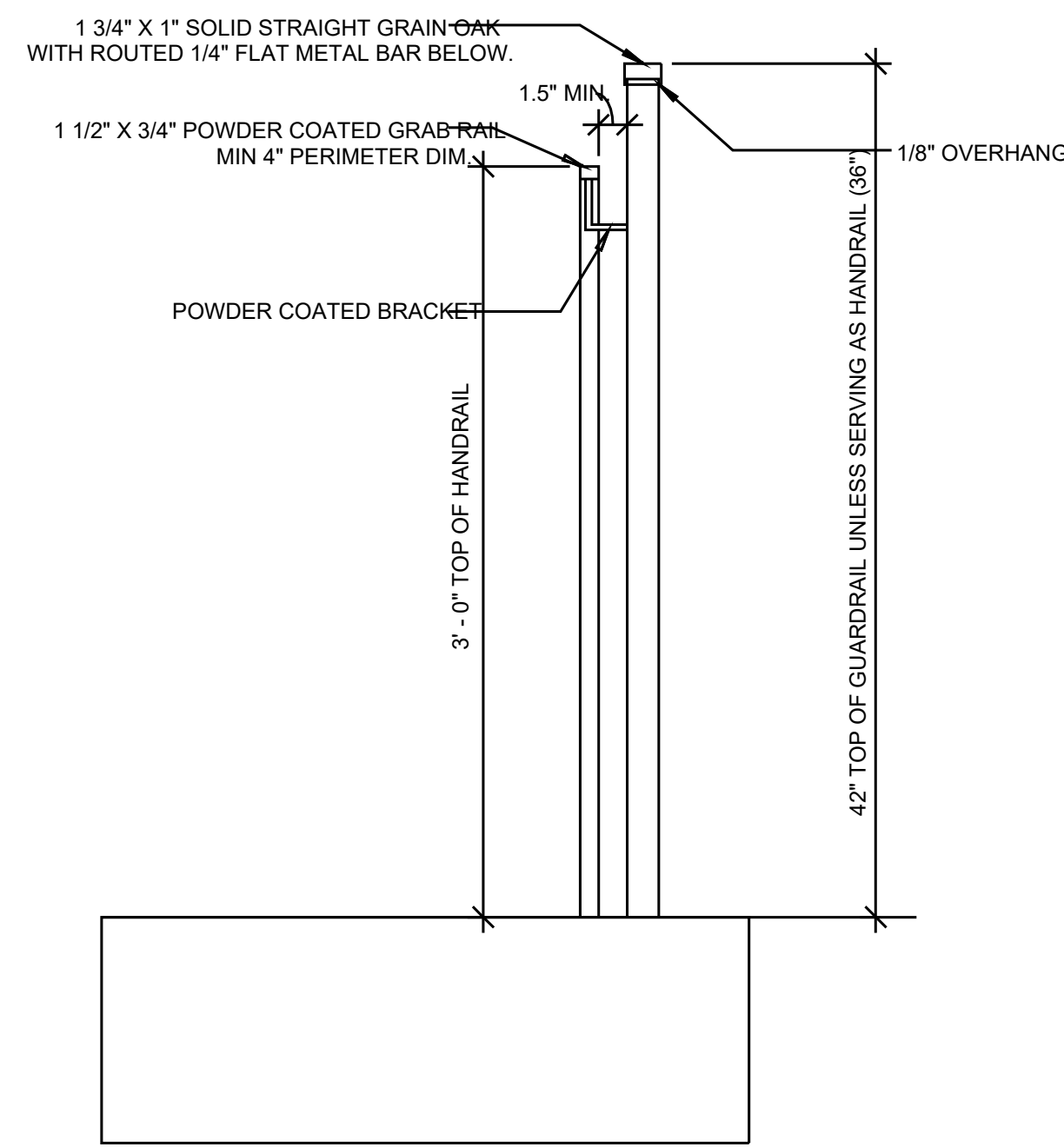
ARCHITECTS SF
ARCHITECTS SF
Address: PO BOX 469993 San Francisco, CA, 94142
Phone: (415) 514-4544
Email: info@architectsf.com

#	Revision	Date

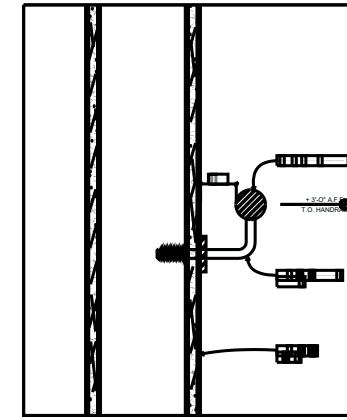
PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

DRAWING TITLE:
**ELECTRICAL &
MECHANICAL PLANS**

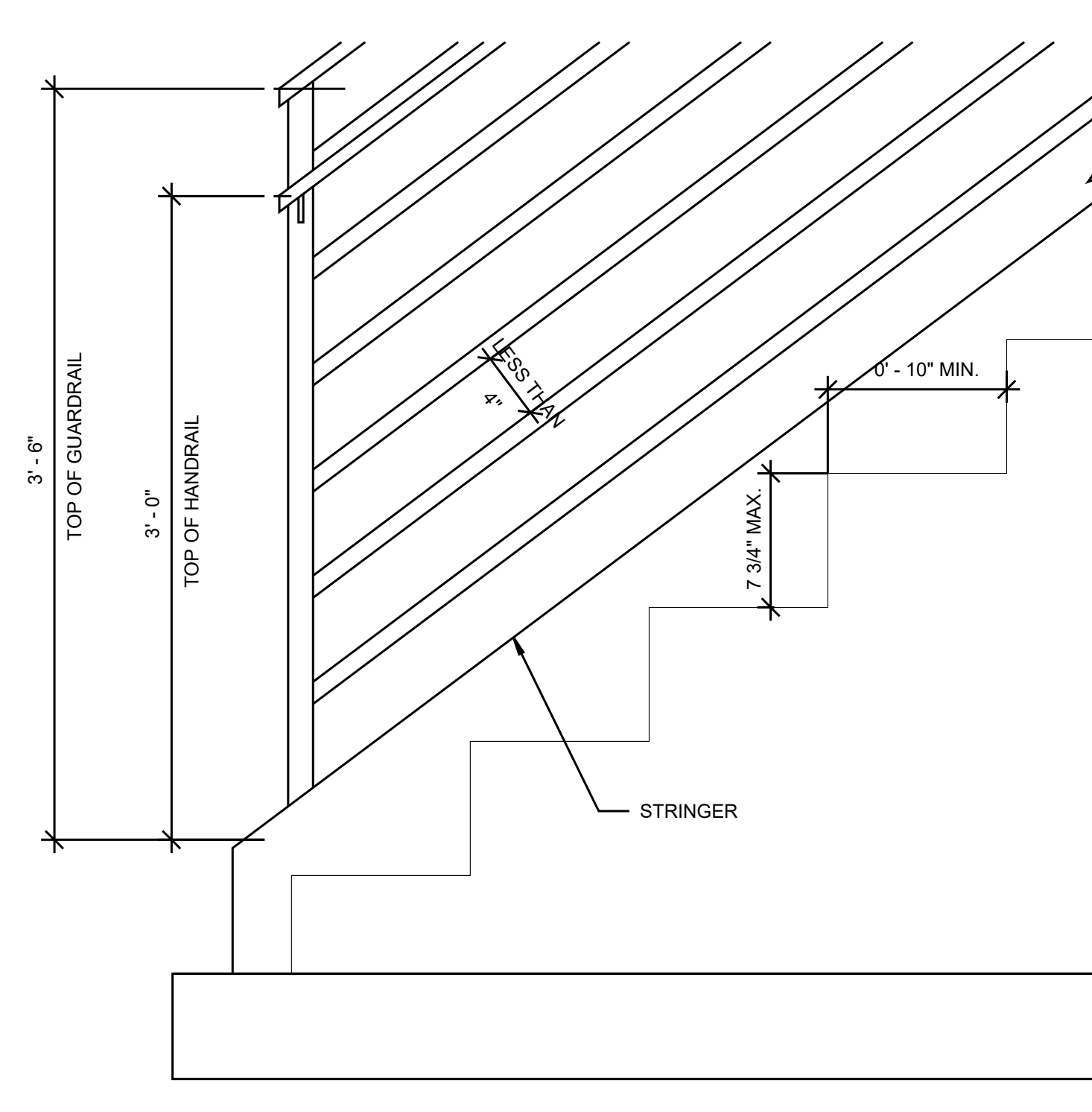
A-108



STAIRS - GUARD & HANDRAIL DETAIL



TYP. HANDRAIL SECTION
6"=1'-0"



STAIRS - TYPICAL STAIR DETAIL

#	Revision	Date



PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

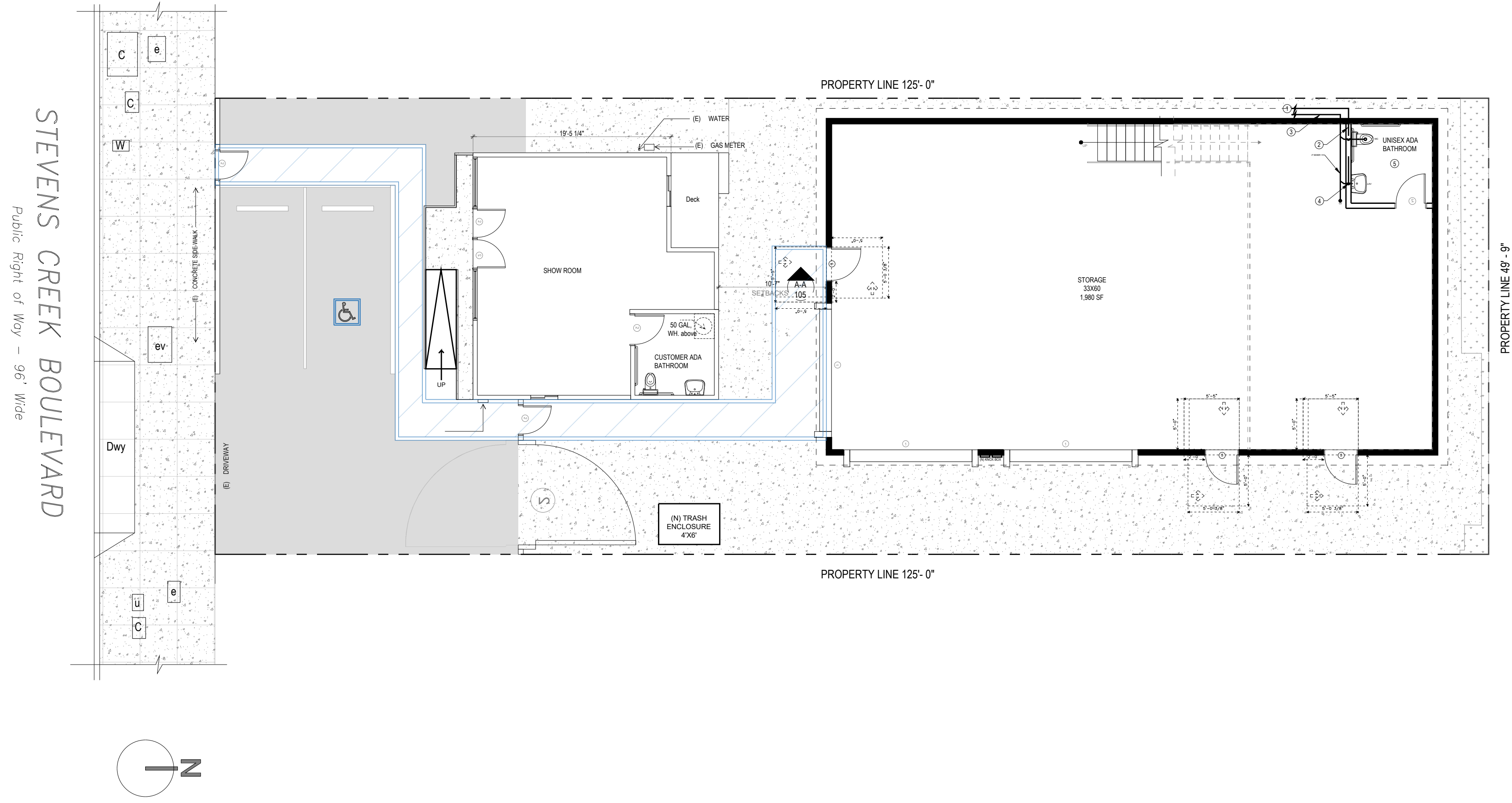
DRAWING TITLE:
**STAIR & GUARDRAILS
DETAILS - SECTION**

A-110

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ARCHITECTS SF

Phone: (415) 317-4254 | Email: info@stevenscreekarchitects.com
Address: PO BOX 469993 San Francisco, CA, 94142

22 PLUMBING
1/8"=1'-0"



LEYEND

- New wall
- Demolition wall
- Existing wall

#	Revision	Date



PROJECT:
**Stevens Creek Blvd
San Jose, CA. 95126**

DRAWING TITLE:
**PROPOSED PLUMBING
PLANS**

A-111

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SF ARCHITECTS

Phone: (415) 317-4541 | Email: eric@ericmoorearchitects.com | Address: PO BOX 469993 San Francisco, CA, 94142

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E	
Nonresidential Performance Compliance Method				(Page 1 of 17)	
Project Name:		Stevens Creek Blvd New Build		Date Prepared: 2023-07-14	
A. General Information					
1	Project Name	Stevens Creek Blvd New Build			
2	Run Title	Title 24 Analysis			
3	Project Location	2265 Stevens Creek Blvd			
4	City	San Jose	5	Standards Version	Compliance 2022
6	Zip code	95126	7	Compliance Software (version)	EnergyPro 9.1
8	Climate Zone	4	9	Building Orientation (deg)	90
10	Building Type(s)	• Nonresidential			
11	Weather File	SAN-JOSE-INTL_STYP20.epw			
12	Project Scope	• New complete scope			
14	Total Conditioned Floor Area in Scope (ft ²)	2520	15	Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft ²)	0	17	Fuel Type	Natural gas
18	Nonresidential Conditioned Floor Area	2520	19	Total # of Stories (Habitable Above Grade)	1
20	Residential Conditioned Floor Area	0			

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD						NRCC-PRF-E	
Nonresidential Performance Compliance Method						(Page 2 of 17)	
B. PROJECT SUMMARY							
Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.							
Building Components Complying via Performance				Building Components Complying Prescriptively			
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	<input type="checkbox"/>	Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	<input type="checkbox"/>	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	<input type="checkbox"/>	Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Building Components Complying with Mandatory Measures	
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)	<input type="checkbox"/>	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	Multifam	Not Included		<input checked="" type="checkbox"/>	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
Battery (see Table F)				<input type="checkbox"/>	Performance	Commissioning 120.8	NRCC-CXR-E is required
				<input checked="" type="checkbox"/>	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E	
Nonresidential Performance Compliance Method				(Page 3 of 17)	
C1. COMPLIANCE SUMMARY					
COMPLIES ¹					
		Time Dependent Valuation (TDV)		Source Energy Use	
		Efficiency ¹ (kBtu/ft ² - yr)	Total ² (kBtu/ft ² - yr)	Total ² (kBtu/ft ² - yr)	
Standard Design		84.82	84.82	17.42	
Proposed Design		67.04	67.04	6.41	
Compliance Margins		17.78	17.78	11.01	
		Pass	Pass	Pass	
¹ Efficiency measures include improvements like a better building envelope and more efficient equipment ² Compliance Totals include efficiency, photovoltaics and batteries ³ Building complies when efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded					

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E	
Nonresidential Performance Compliance Method				(Page 4 of 17)	
C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft² - yr)					
COMPLIES ²					
Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹		
Space Heating	44.22	28.87	15.35		
Space Cooling	9.53	9.23	0.3		
Indoor Fans	11.65	16.58	-4.93		
Heat Rejection	0	0	0		
Pumps & Misc.	0	0	0		
Domestic Hot Water	3.56	3.55	0.01		
Indoor Lighting	15.86	8.81	7.05		
Flexibility	---	---	---		
EFFICIENCY COMPLIANCE TOTAL	84.82	67.04	17.78 (21%)		
Photovoltaics	---	---	---		
Batteries	---	---	---		
TOTAL COMPLIANCE	84.82	67.04	17.78 (21%)		
¹ Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.					

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E	
Nonresidential Performance Compliance Method				(Page 5 of 17)	
C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS¹					
Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹		
Receptacle	11.34	11.34	---		
Process	---	---	---		
Other Ltg	---	---	---		
Process Motors	---	---	---		
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	96.16	78.38	17.78 (18.5%)		
¹ Notes: This table is not used for Energy Code Compliance.					

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD				NRCC-PRF-E	
Nonresidential Performance Compliance Method				(Page 6 of 17)	
C4. SOURCE ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual SOURCE Energy Use, kBtu/ft² / yr)					
COMPLIES ²					
Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE) ¹		
Space Heating	14.96	3.7	11.26		
Space Cooling	0.24	0.22	0.02		
Indoor Fans	0.75	1.52	-0.77		
Heat Rejection	0	0	0		
Pumps & Misc.	0	0	0		
Domestic Hot Water	0.34	0.34	0		
Indoor Lighting	1.13	0.63	0.5		
Flexibility	---	---	---		
EFFICIENCY COMPLIANCE TOTAL	17.42	6.41	11.01 (63.2%)		
Photovoltaics	---	---	---		
Batteries	---	---	---		
TOTAL COMPLIANCE	17.42	6.41	11.01 (63.2%)		
¹ Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.					

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Report Generated: 2023-07-14 07:35:20
 Schema Version: rev 20220601 Compliance ID: EnergyPro-6249-0723-0186

ARCHITECTS SF

ARCHITECTS SF

Address: PO BOX 462993 San Francisco, CA, 94142
 Phone: (415) 519-4544 | Email: francisco@architectsfsf.com

#	Revision	Date



PROJECT:
**Stevens Creek Blvd
 San Jose, CA. 95126**

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY													
01	02	03	04	05	06	07	08	09	10	11	12	13	
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan						Status ¹
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control		
System 1	1	297	800	0.2	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N	
System 2	1	81	800	0.2	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N	

¹Status: N - New, A - Altered, E - Existing

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION						
01	02	03	04	05	06	07
Zone Name	Ventilation Function	# of People	Mechanical Ventilation		Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
			Supply OA CFM	Exhaust CFM		
1-Gallery Rm	Misc - Warehouses	1.98	297	0	1980	N/A
2-Mezzanine	Misc - Warehouses	0.54	81	0	540	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY												
01	02	03	04	05	06	07	08	09	10	11	12	
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Airflow (cfm)			Fan				VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles		
1-Gallery Rm-Trm	Uncontrolled	1	N/A	N/A	800	N/A	0	N/A	N/A	N/A	<input type="checkbox"/>	
2-Mezzanine-Trm	Uncontrolled	1	N/A	N/A	800	N/A	0	N/A	N/A	N/A	<input type="checkbox"/>	

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO						
01	02	03	04	05		06
Occupancy Type ¹	Conditioned Floor Area ² (ft ²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance		Control Credit (Watts)
				Area Category Footnotes (Watts)	Area Category Footnotes (Watts)	
Commercial Industrial Warehouse	2520	560	0	0	0	0
Building Totals:	2520	560	0	0	0	0

¹See Table 140.6-C
²See NRCC-LTI-E for unconditioned spaces
³Lighting information for existing spaces modeled is not included in this table

K2. INDOOR CONDITIONED LIGHTING SCHEDULE					
Luminaire Schedule (includes all permanent installed lighting in conditioned space, and portable lighting over 0.3 w/ft ² in offices)					
01	02	03	04	05	06
Name or Item Tag	Complete Luminaire Description (i.e. 3-lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Installed Watts (Conditioned)			
		Watts per luminaire	How is Wattage determined	Total Number of Luminaires	Installed Watts
F1	LED Fixture	40	According to	14	560

¹If lighting power densities were used in the compliance model Building Departments will need to check prescriptive forms for Luminaire Schedule details.

K3. INDOOR CONDITIONED LIGHTING CONTROL CREDITS								
Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per 140.6(a)2 and Table 140.6-A)								
01	02	03	04	05	06	07	08	09
Area Description	Primary Function Area (must meet requirements of Table 140.6-A and 170.2-L)	Type of Lighting Control	Power Adjustment Factor (PAF)	Luminaire Item Tag	Watts per Luminaire	# of Luminaires	Lighting Controlled (Watts)	Control Credit (Watts)
S-1-Gallery Rm	Commercial Industrial Warehouse	N/A	N/A	F1	40	8	320	0
S-2-Mezzanine	Commercial Industrial Warehouse	N/A	N/A	F1	40	6	240	0
Lighting Control Credits (Conditioned) Total (Watts)							0	0

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROL	
Building Level Controls	
01	02
Mandatory Demand Response 110.12(c) Required	Shut-Off Controls 130.1(c) & 160.5(b)HC Required

See NRCC-LTI-E for mandatory controls

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION	
Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online	
Building Component	Form/Title
Envelope	NRCC-ENV-01-E - Must be submitted for all buildings
Envelope	NRCC-ENV-E - Envelope (for all buildings)
Mechanical	NRCC-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCC-MCH-E - For all buildings with Mechanical Systems
Indoor Lighting	NRCC-LTI-01-E - Must be submitted for all buildings
Indoor Lighting	NRCC-LTI-E - Indoor Lighting (for all buildings)

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE	
Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).	
Building Component	Form/Title
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Indoor Lighting	NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls.
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC

N. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION	
Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online	
There are no Certificates of Verification applicable to this project	

Documentation Author's Declaration Statement

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Timothy Carstairs, CEA, HERS, GPR
 Company: Carstairs Energy Inc.
 Address: 2238 Bayview Heights Drive Suite E
 City/State/Zip: Los Osos, CA 93402
 Phone: 805-904-9048

Documentation Author Signature: 
 Signature Date:
 CEA/HERS Certification Identification: (if applicable): R19-06-30151
 Phone: 805-904-9048

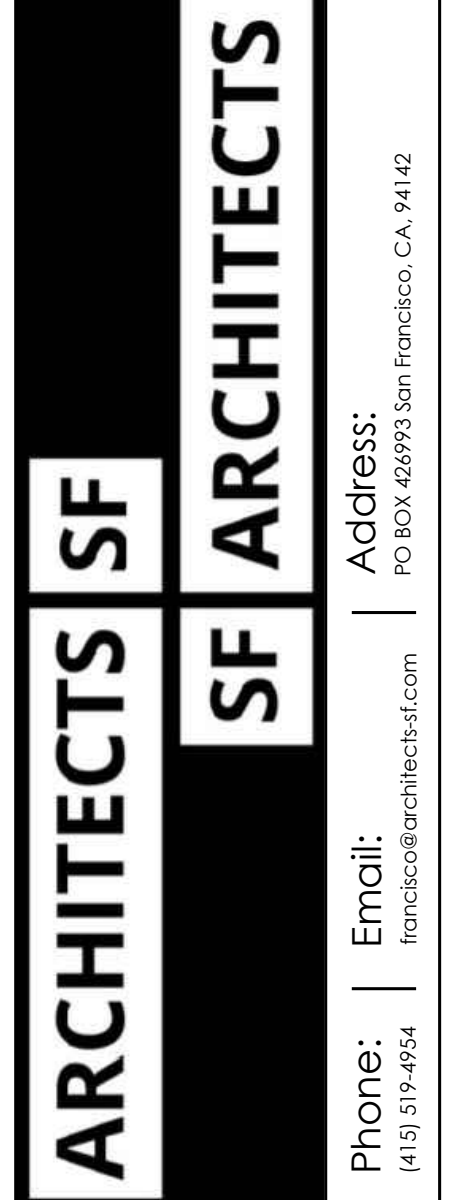
Responsible Person's Declaration Statement

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement.
- I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name:
 Company: Architects SF
 Address: PO Box 426993
 City/State/Zip: San Francisco, CA 94142
 Phone: 415-519-4954

Responsible Designer Signature:
 Date Signed:
 License #:
 Title:
 Scope:



#	Revision	Date



PROJECT:
**Stevens Creek Blvd
 San Jose, CA. 95126**

25 T-24 (1-6)

DRAWING TITLE:
T-24 (1-6)

T-24-2

Address: PO Box 426993 San Francisco, CA, 94142
 Email: francisco@architectsfsf.com
 Phone: (415) 519-4954

FIXTURE DATA						
DESCRIPTION	QTY	WATER SUPPLY FIXTURE UNITS	DRAINAGE FIXTURE UNITS	TOTAL FIXTURE UNITS		
				COLD WATER	HOT WATER	SEWER
WATER CLOSET	1	1.0	2.0	1.0	---	1.0
BATHROOM	1	1.0	1.0	2.0	1.0	1.0
SINK	1	1.0	2.0	2.0	1.0	1.0
TOTALS:				5.0	2.0	3.0

TOTALS						
DESCRIPTION	TOTAL DEMAND			TOTAL GPM		
	COLD WATER	HOT WATER	SEWER	COLD WATER	HOT WATER	SEWER
FIXTURES	5.0	2.0	3.0	3.0	2.0	1.5

PRESSURE CALCULATIONS		(PSI)
PRESSURE IN STREET:		65.0
PIPING LOSS: STREET MAIN TO METER		0.2
LOSS ACROSS METER		5.0
PIPING LOSS: METER TO BACKFLOW PREVENTER		0.1
LOSS ACROSS BACKFLOW PREVENTER		12.0
PIPING LOSS: BACKFLOW PREVENTER TO POC:		0.2
-		-
-		-
ELEVATION LOSS:		-
VERTICAL DISTANCE FROM STREET MAIN TO HIGHEST OUTLET:	10.0 X 0.43 =	4.3
RESIDUAL PRESSURE REQUIRED:		20.0
PRESSURE AVAILABLE FOR FRICTION LOSSES IN BUILDING PIPING:		23.2
DEVELOPED LENGTH OF BUILDING PIPING:		160
PRESSURE AVAILABLE FOR FRICTION LOSSES PER 100 FT OF BUILDING PIPING:		14.5

CW PIPE SIZING TABLE				
SIZE	GPM	FLUSH TANK FIXTURE UNITS	FLUSH VALVE FIXTURE UNITS	VELOCITY
1/2"	3.1	3	-	4.3
3/4"	8.4	10.0	-	5.7
1"	17.0	24.0	-	6.8
1 1/4"	29.0	51.0	12	8.0
1 1/2"	41.0	90.0	30	8.0
2"	72.0	236.0	116	8.0

HW PIPE SIZING TABLE				
SIZE	GPM	FLUSH TANK FIXTURE UNITS	FLUSH VALVE FIXTURE UNITS	VELOCITY
1/2"	3.1	3	-	4.4
3/4"	7.2	8.0	-	5.0
1"	13.0	18.0	-	5.0

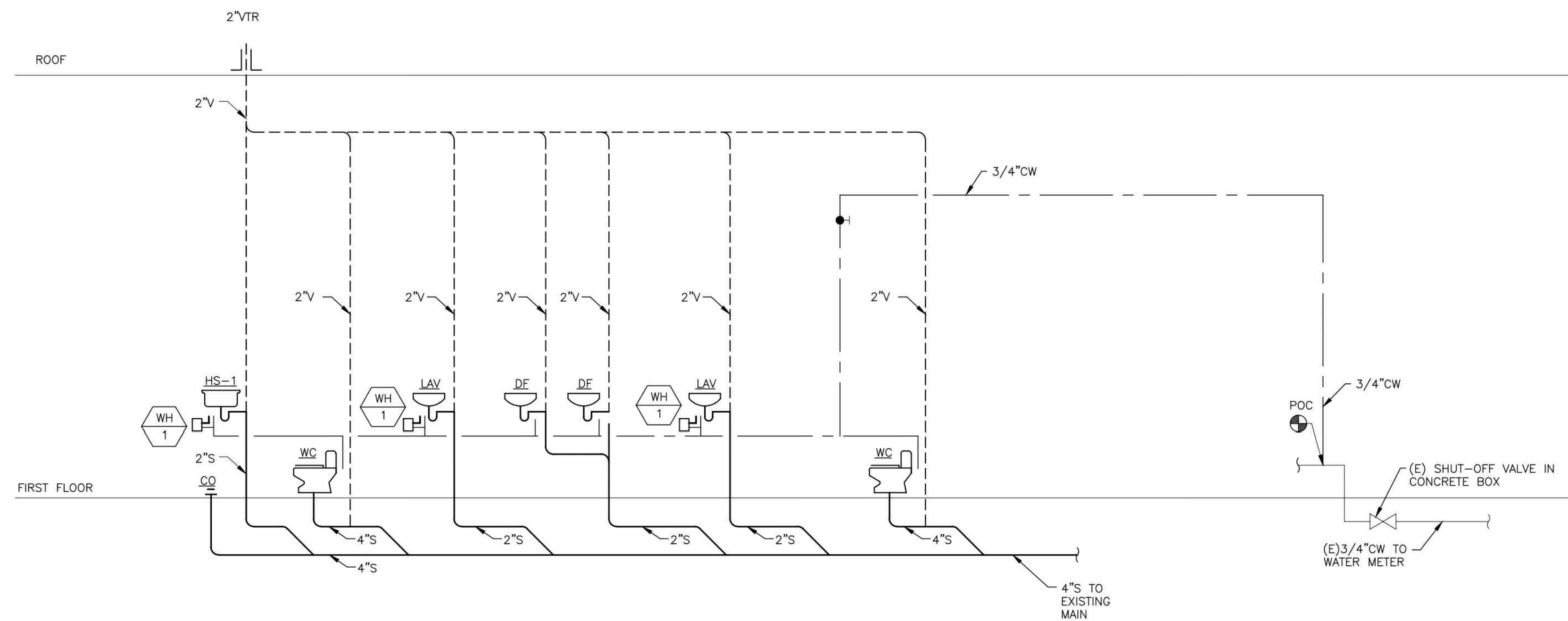
FIXTURE SCHEDULE						
ITEM	WASTE	TRAP	VENT	CW	HW	DESCRIPTION
WC	4"	INT	2"	1/2"	-	WATER CLOSET: 'KOHLER' MODEL K-3658, WHITE VITREOUS CHINA, ELONGATED BOWL, 1.28 GPF, ADA COMPLIANT, COMPLETE WITH TANK AND CHROME TRIP LEVER AND SUPPLY WITH STOP. SEAT: 'OLSONITE' MODEL 95SSCT, HEAVY DUTY WHITE MOLDED PLASTIC WITH STAINLESS STEEL HINGE WITH STOP, OPEN FRONT AND LESS COVER.
BATH	2"	1 1/2"	2"	1/2"	1/2"	FIXTURE (ACCESSIBLE): 'KOHLER' MODEL K-2035-4, VITREOUS CHINA, WITH OVERFLOW, 4" CENTERS WITH K-2057 SHRULD. TRIM: SYMONS MODEL S-74-G, METERING FAUCET, MAX. OF 0.25 GAL. PER CYCLE, VANDAL RESISTANT. PROVIDE WITH CAST BRASS, CHROME PLATED, CODE APPROVED "P" TRAP AND SUPPLIES WITH STOPS.
SK	2"	1 1/2"	2"	1/2"	1/2"	FIXTURE (ACCESSIBLE): 18 GAUGE, TYPE 304 STAINLESS STEEL, SELF RIM, 3-HOLE PUNCH, 25"x21"-1/4"x5-1/2" DEEP. 'ELKAY' LRAD 2521 WITH CRUMB CUP STRAINER. TRIM: SYMONS NO. S-23-5 WITH SINGLE LEVER HANDLE AND 0.5 GPM FLOW RESTRICTOR, VANDAL RESISTANT. PROVIDE WITH CAST BRASS, CHROME PLATED, CODE APPROVED "P" TRAP AND SUPPLIES WITH STOPS.
TP	-	-	-	1/2"	-	TRAP PRIMER: 'PRECISION PLUMBING PRODUCTS' MODEL PR-500.
WHA	-	-	-	-	-	PPP WATER HAMMER ARRESTER (PER PDI WH201-94 SIZING TABLE)

PLUMBING PIPE MATERIAL SCHEDULE			
SERVICE	LOCATION	PIPE MATERIAL	SLOPE
WATER	ABOVE GRADE	ASTM B88 TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS.	1/32" PER 1'
	BELOW GRADE	ASTM B88 TYPE "K" HARD DRAWN COPPER, FACTORY INSULATED, WITH WROUGHT COPPER FITTINGS.	1/32" PER 1'
SEWER AND VENT	ABOVE GRADE	ASTM A74 SERVICE WEIGHT CAST IRON, ALL FITTINGS SHALL BE AS PER CPC.	1/4" PER 1'
	BELOW GRADE	ABS SCHEDULE 40 (CONFORM TO ASTM D 2321-2000), ALL FITTINGS SHALL BE AS PER CPC.	1/4" PER 1'
NATURAL GAS	ABOVE GRADE	SCHEDULE 40 GALVANIZED STEEL "BLACK" PIPE. ALL FITTINGS SHALL BE AS PER CFC.	1/4" PER 15'
	BELOW GRADE	ABS SCHEDULE 40 (CONFORM TO ASTM D 2321-2000), ALL FITTINGS SHALL BE AS PER CPC.	1/4" PER 15'
CONDENSATE	ABOVE GRADE	ASTM B88 TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS.	1/4" PER 1'

PLUMBING EQUIPMENT SCHEDULE		
SYMBOL	QUANTITY	DESCRIPTION
WH 1	1	WATER HEATER - "EEMAX" MODEL SP3208, 3.0 KW INPUT, 14.4 AMPS, 41°F RISE AT 0.5 GPM FLOW.

#	Revision	Date





1 DOMESTIC WATER AND SANITARY RISER DIAGRAM
P3.1 NOT TO SCALE

#	Revision	Date



PROJECT:
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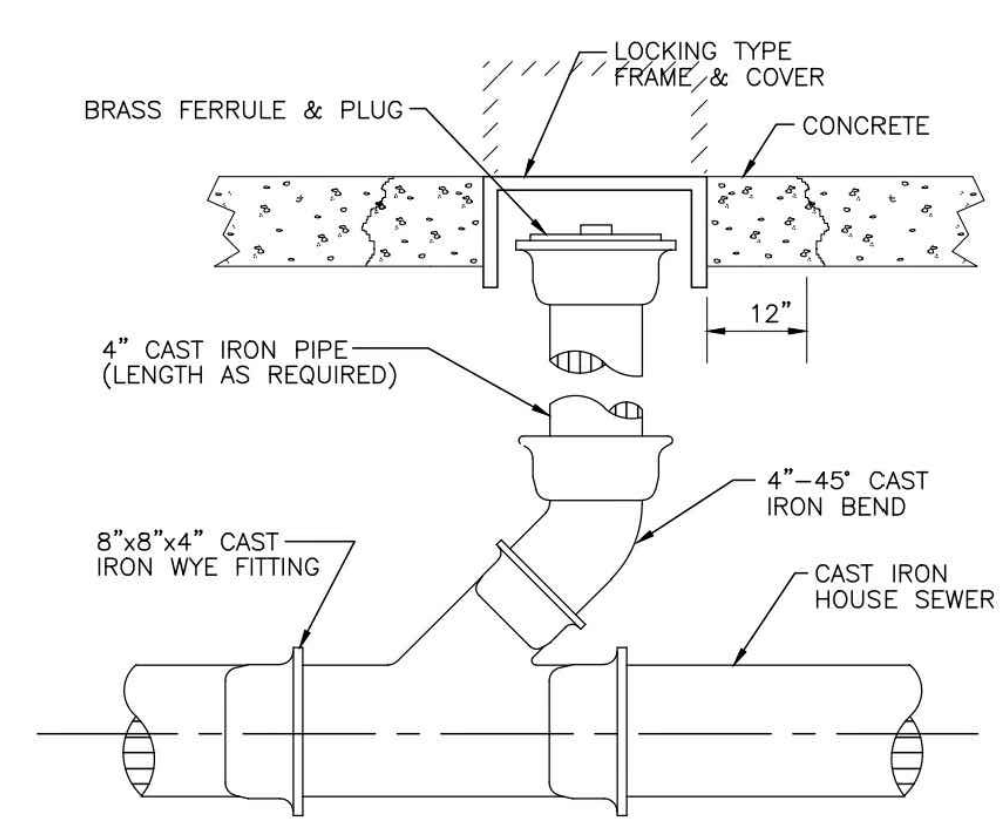
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P-3

ARCHITECTS SF
ARCHITECTS SF

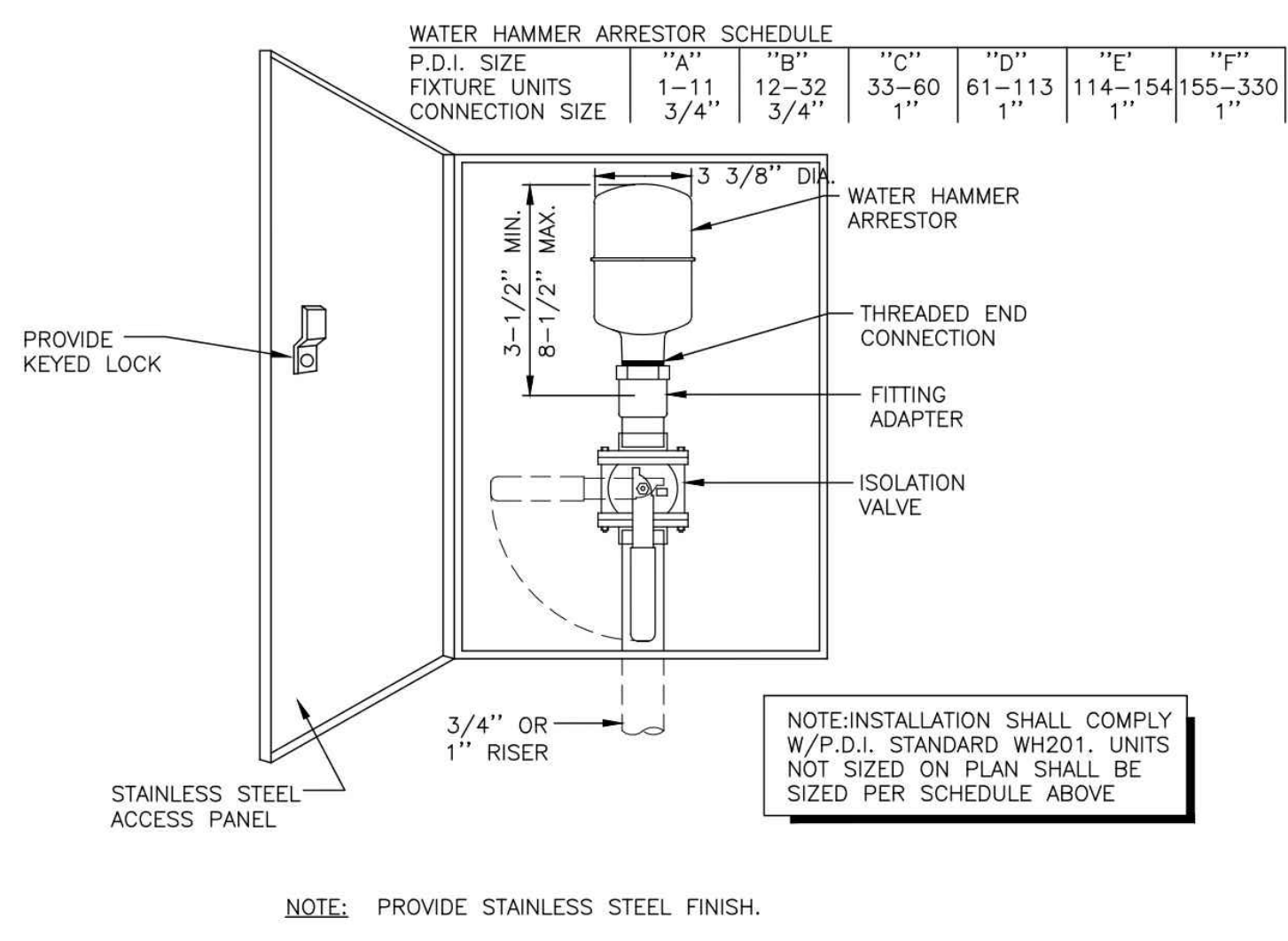
Phone: (415) 317-4254 | Email: info@ericomooresf.com
Address: PO BOX 469993 San Francisco, CA, 94142

Sheet: Project Title:



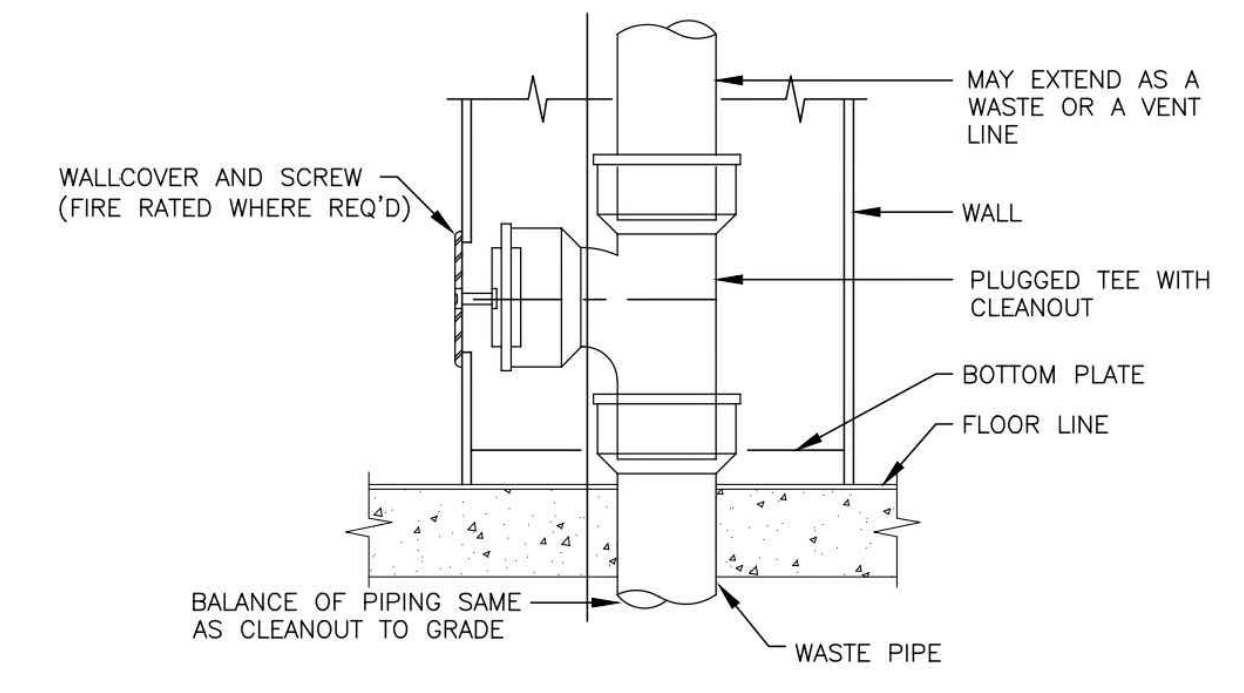
CLEANOUT TO GRADE DETAIL

SCALE NONE 3



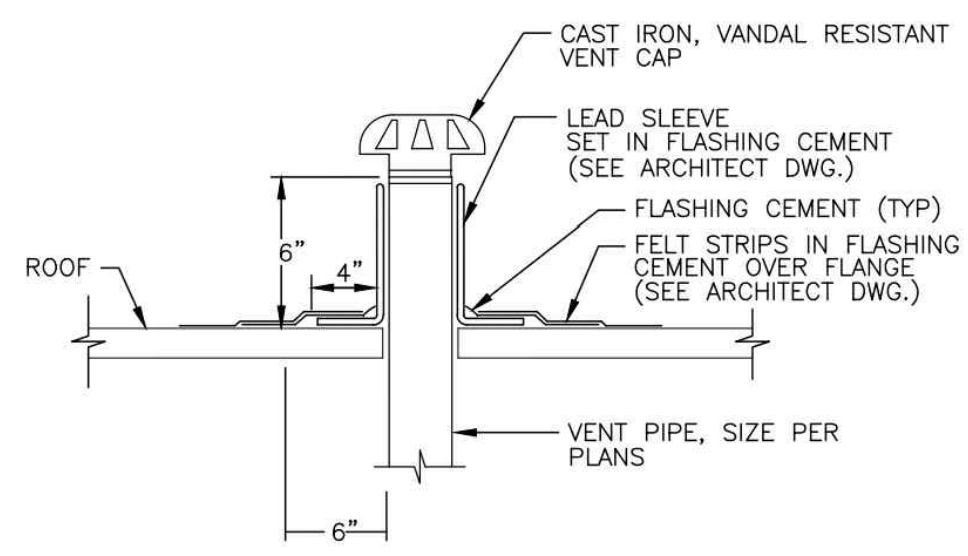
WATER HAMMER ARRESTOR ASSEMBLY DETAIL

SCALE NONE 2



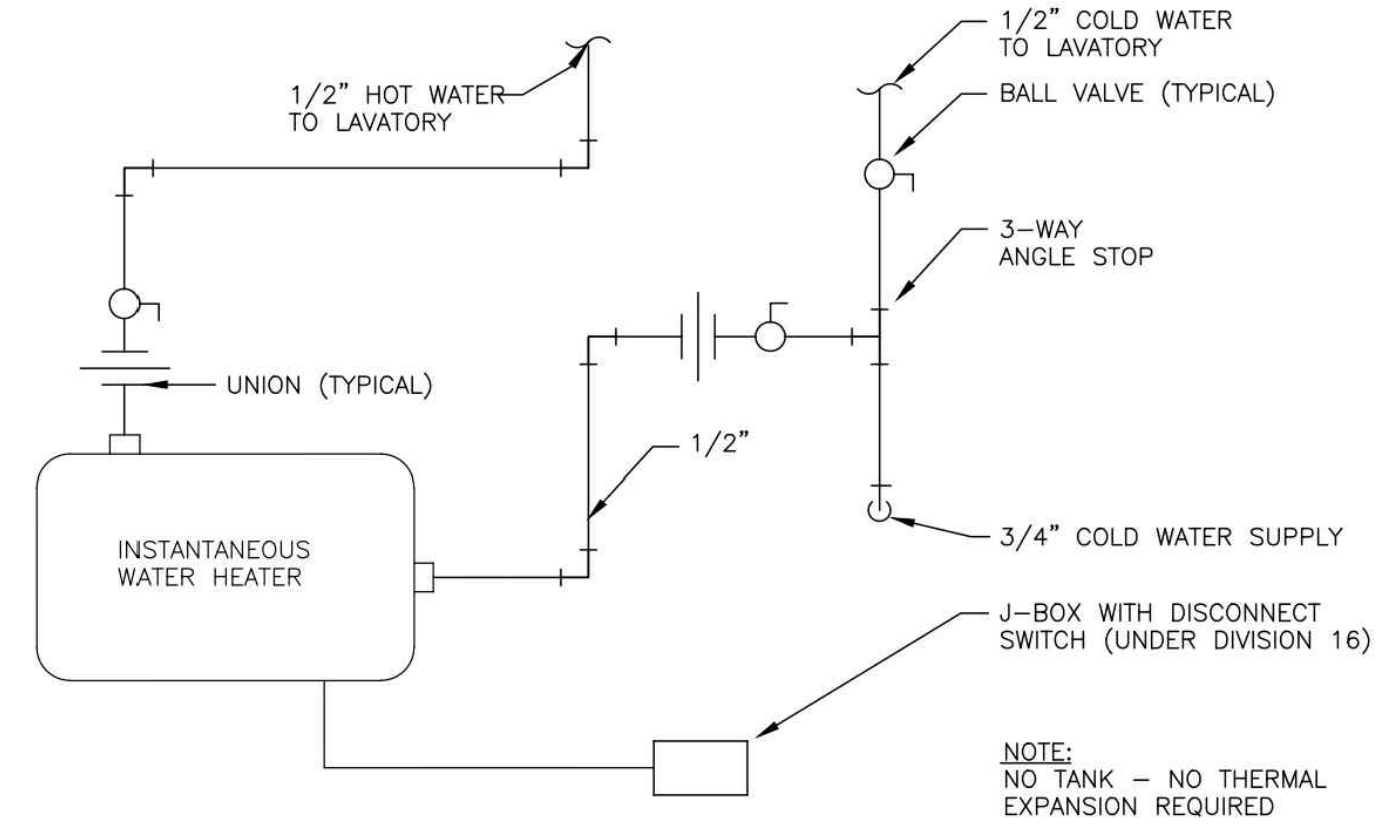
WALL CLEANOUT DETAIL

SCALE NONE 1



VENT THRU ROOF DETAIL

SCALE NONE 5



INSTANTANEOUS WATER HEATER

SCALE NONE 4

SCALE NONE 6

SCALE NONE 9

SCALE NONE 8

SCALE NONE 7

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PLUMBING DETAILS