

The Beacon

1425 C St San Diego, CA 92101 October 26, 2016

Property Owner & Developer:

Wakeland Housing & Development Corp. 1230 Columbia St, Suite 950 San Diego, CA 92101 Contact: Jonathan Taylor

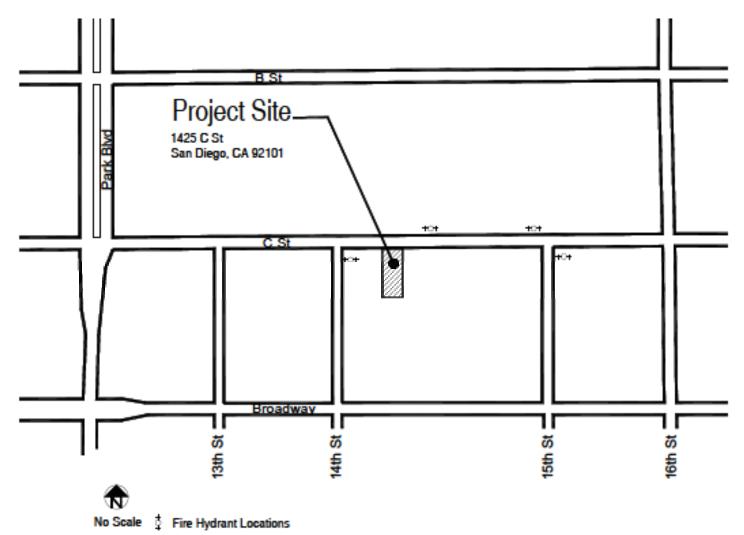
Tel: 619.326.6212

Architect:

M.W. Steele Group 1805 Newton Ave, Suite A San Diego, CA 92113 Contact: Diego Velasco Tel: 619.230.0325 x4237

PROJECT LOCATION





ZONING DESIGNATIONS:

- CCPD-ER
- Planned District: Centre City Planned District
- Community Plan: Center City Community Plan
- Overlay Zones: Large-Floorplate Overlay
- Geologic Hazard: 53 low to moderate

HISTORIC DESIGNATION:

Designated Historic Resource per HRB# 1211

REQUIRED APPROVALS:

- Centre City Development Permit
- Site Development Permit for Substantial Alteration under SDMC Section 126.0504 (i) - Proposed Demolition of Historic Structure

PARKING REQUIREMENTS: (Per Table 156-0313-A)

Description	Parking	Required	Proposed
	Requirements	Parking Stalls	Parking Stalls
Living Units (at or below 40% AMI)	no stall required	0	0
Manager's Unit (1 bed)	1 stall every 0.1 units	0.1	1
Visitor/Guest	1 stall every 30 units	1.5	6
Motorcycle	1 stall every 20 units	2.2	2
Bicycle	one stall every 5 units	8.8	9

PROJECT DATA

ADDRESS:

ASSESSOR PARCEL NUMBER:

1425 C Street, San Diego, California 92101 534-210-12

LEGAL DESCRIPTION:

The Westerly one-half of north 40 feet of lots J, K, and L in block 179 of Horton's Addition according to the map made by L.L. Lockling filed in the office of the county recorder of San Diego County. Excepting therefrom the southerly 10 feet thereof.

SITE AREA: 8,278 square feet / 0.19 acres

EXISTING USE:

Residential - Transitional Housing with 15 bedrooms and 0 parking; Two existing buildings of approximately 6,700 gross square feet

PROPOSED USE:

Residential - 43 studio apartments and 1 one-bedroom apartment with 8 parking spaces; approximately 31,155 gross square feet of new construction

PROJECT DESCRIPTION:

The Beacon is a 44-unit studio apartment building, new construction, located at 1425 C Street across from San Diego City College in the East Village Neighborhood of Downtown San Diego. The site area is approx. 8,278 square feet. The building will provide permanent supportive housing for homeless individuals, including individuals served by the County Mental Health Services (MHSA). There will be one manager's unit on-site, with one-bedroom, one-bath and approximately 770 square feet. All other dwelling units will be approximately 350 square feet, and therefore, classify as "living units" under SDMC 156.0315(f). All units will be maintained as affordable for individuals at or below 40% AMI.

SCOPE OF WORK:

Demolish existing 2-story apartment building constructed in 1908 and 1-story duplex constructed in 1912; construct new 5-story apartment building with 43 living units and 1 manager's unit and supporting common spaces.

DEVELOPMENT SUMMARY:

Floor Level	Use	GFA	F.A.R.	Unit Count	Unit Avg SF
Level 1	Parking	4,770 SF	4,770** SF		
	Bike Storage	230 SF	230 SF		
	Lobby	711 SF	711 SF		
	Mechanical	360 SF	360 SF		
	Refuse/Storage	250 SF	250 SF	0	
Level 2	Residential	6,150 SF	6,150 SF	12	350 SF
Level 3	Residential Studios	6,150 SF	6,150 SF	12	350 SF
Level 4	Residential Studios	5,395 SF	5,395 SF	10	350 SF
	Community Room	555 SF	555 SF		
	Manager's Office	200 SF	200 SF		
Level 5	Residential Studios	5,045 SF	5,045 SF	9	350 SF
	Residential 1-bed	770 SF	770 SF	1	770 SF
	Laundry	160 SF	160 SF		
Roof	Mechanical	361 SF	361 SF	0	0
TOTALS		31,107 SF	31,107 SF	44	350 - 770
Total Exterior	Entry Court (Level 1)	1,134 SF	1,134 SF		
Open Space*		250 SF	250 SF		

^{*} Exterior Common Area is required for projects under 50 dwelling units

FLOOR AREA RATIO: 3.76 (31,107 / 8,278)

- **Garage is included in F.A.R Calculation
- Per Section 113.0234(a)(6) garage is not open on two sides for a min. of 75%
- Per Section 113.0234(d)(3)(B) garage does not include a min. of at least two of the required criteria for exclusion in floor area calculations

F.A.R. BONUS: None Requested

TRANSPARENCY: 73%

390 SF of 535 SF of street facing ground level residential facade area is transparent

PROJECT TEAM

Owner & Developer:

Wakeland Housing & Development Corp. 1230 Columbia St, Suite 950

San Diego, CA 92101 Contact: Jonathan Taylor (619) 326-6212

Email: jtaylor@wakelandhdc.com

Architect:

MW Steele Group Inc. 1805 Newton Ave., Ste A San Diego, CA 92113 Contact: Diego Velasco Email: diego@mwsteele.com

(619) 230-0325 ext. 4237

Cell: (619) 602-1699

Civil:

Kettler Leweck Engineering 303 A St, Suite 302 San Diego, CA 92101 Contact: Mike Yentile (619) 269-3444

Email: mike@kettlerleweck.com

<u>Landscape Architect:</u>

David Reed Landscape Architects 2171 India Street, Suite A San Diego, CA 92101

Contact: David Reed (619) 239-3300 Email: david@drasla.com

Geotechnical:

Leighton and Associates, Inc. 3934 Murphy Canyon Rd., Suite B205 San Diego, CA 92123 Contact: Mike D. Jensen

(858) 292-8030

APPLICABLE CODES:

San Diego Municipal Code 2013 California Building Code

OCCUPANCY:

Residential Group R-2 Storage Group S-2 - garage

CONSTRUCTION TYPE:

Type V-A Wood Construction over Type I-B Concrete Garage Sprinklered

LOT COVERAGE:

Max. Allowable (Building Base): 100% Proposed: 75%

BUILDING HEIGHT:

5 stories; 60 Feet

INTERIOR COMMON AREA

Required: 5 SF/ Living Unit = 5x43= 215 SF Proposed: 555 SF

SHEET INDEX

Project Data Vicinity Map A0.1

Vicinity Elevations and Context Studies

Site Plan

Demo Plan

Garage/First Floor Plan

Second Floor Plan

Third Floor Plan

Fourth Floor Plan

Fourth Floor Plan

Roof Plan

Exterior Elevation - North **Exterior Elevation - South**

Exterior Elevation - East

Exterior Elevation - West

Sections

Perspective View

Street View

Color and Material Boards

Landscape Concept Plan

Plant Palette, Notes & Calculations L-2

Existing Condition Plan / **Topographic Survey Proposed Condition Plan**

Storm Water Applicability Checklist

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ARCHITECTURE | PLANNING 1805 NEWTON AVE | SUITE A SAN DIEGO | CA | 92113 TELEPHONE 619 230 0325

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First Civic SD Submittal - 05/02/2016

Second Civic SD Submittal - 06/20/20

Third Civic SD Submittal - 10/26/2010

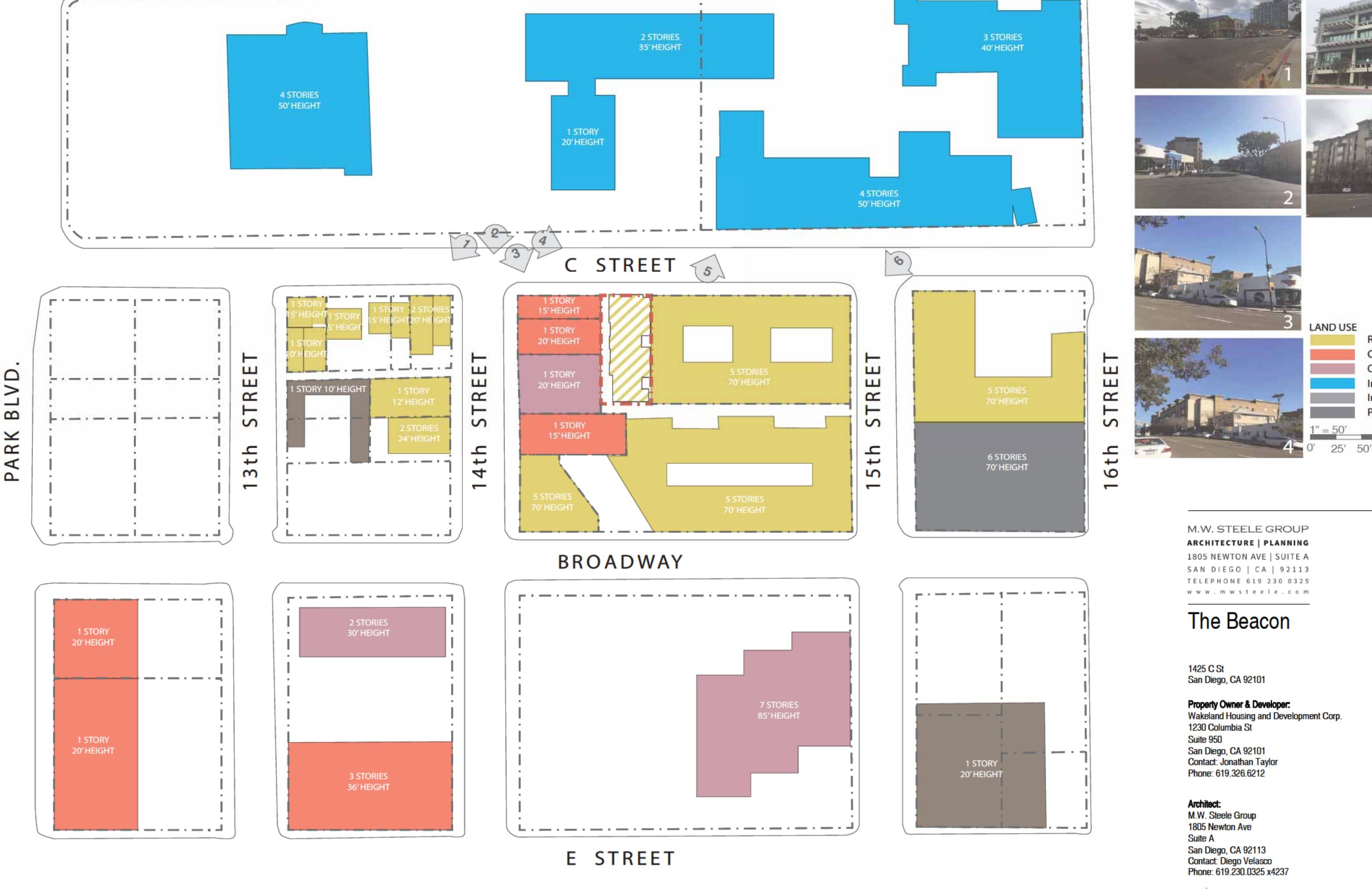
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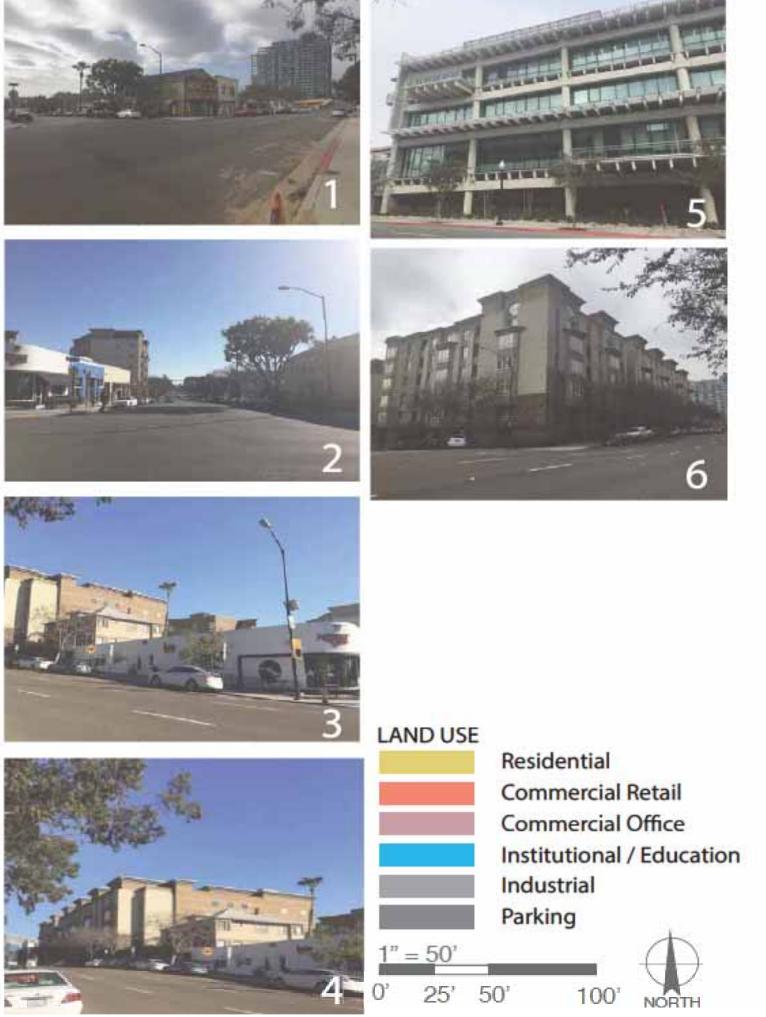
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B STREET





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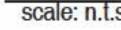
VICINITY MAP



Scale: As Noted on Plans



C Street Vicinity Elevation scale: n.t.s





14th Street Vicinity Elevation scale: n.t.s

M.W. STEELE GROUP ARCHITECTURE | PLANNING 1805 NEWTON AVE | SUITE A

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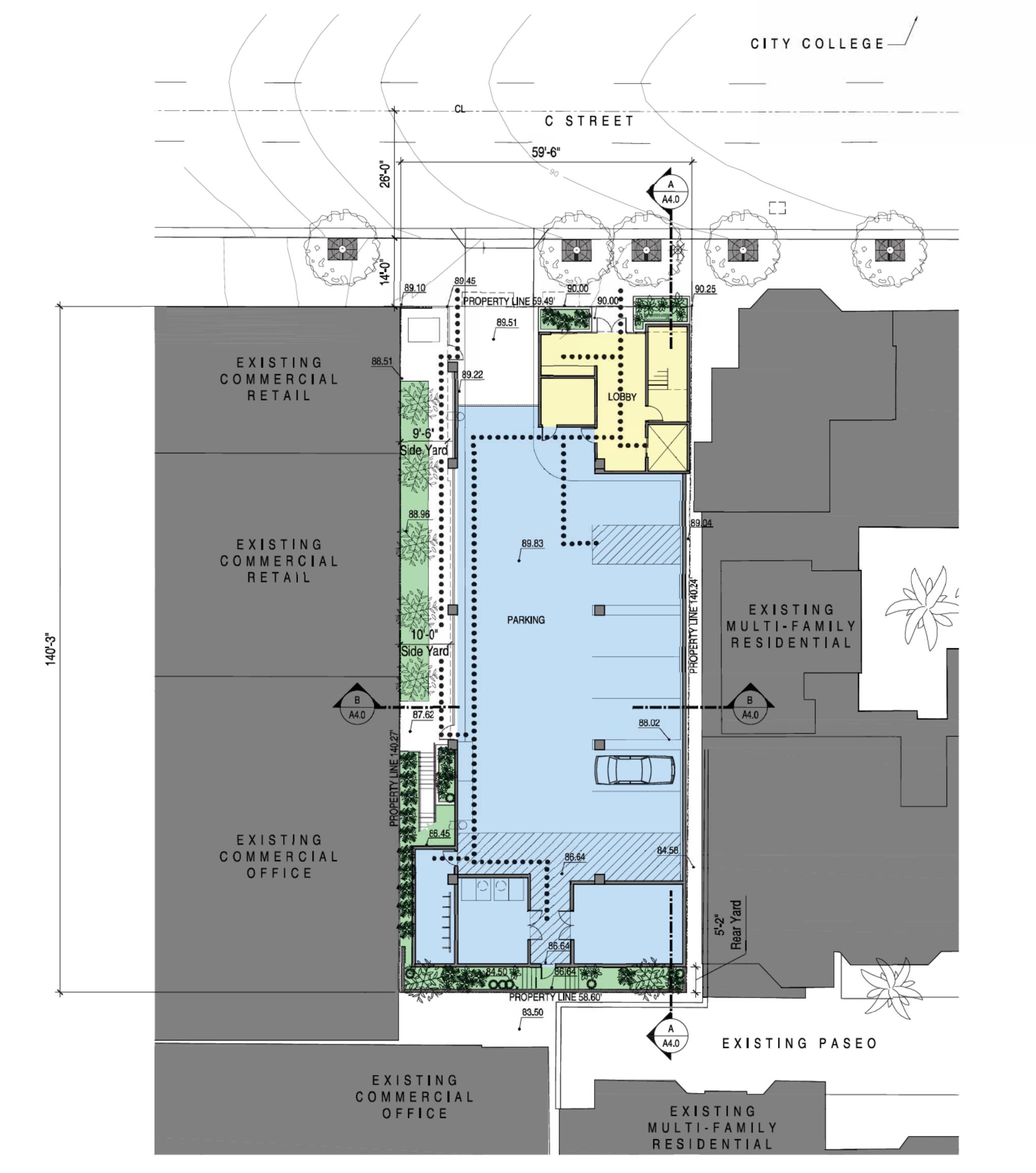
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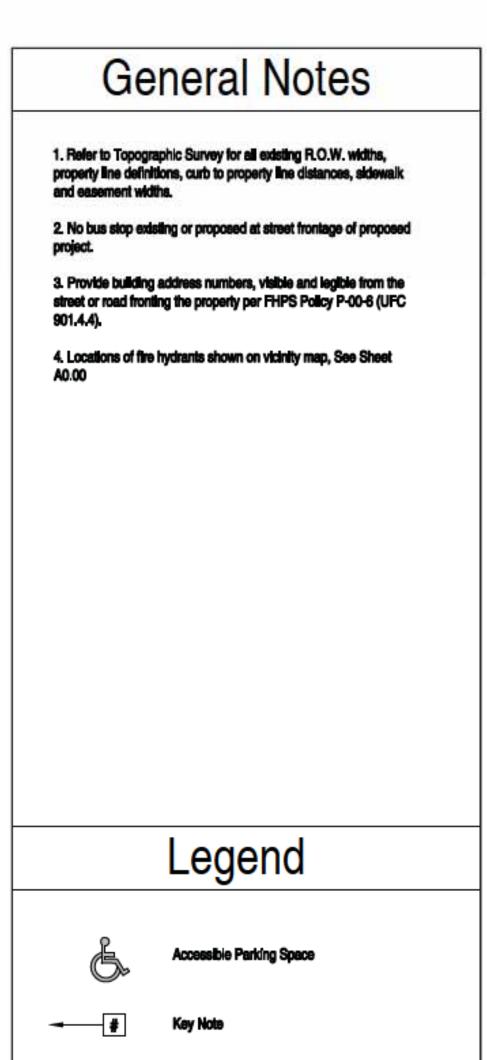
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VICINITY ELEVATIONS CONTEXT STUDIES

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SITE PLAN

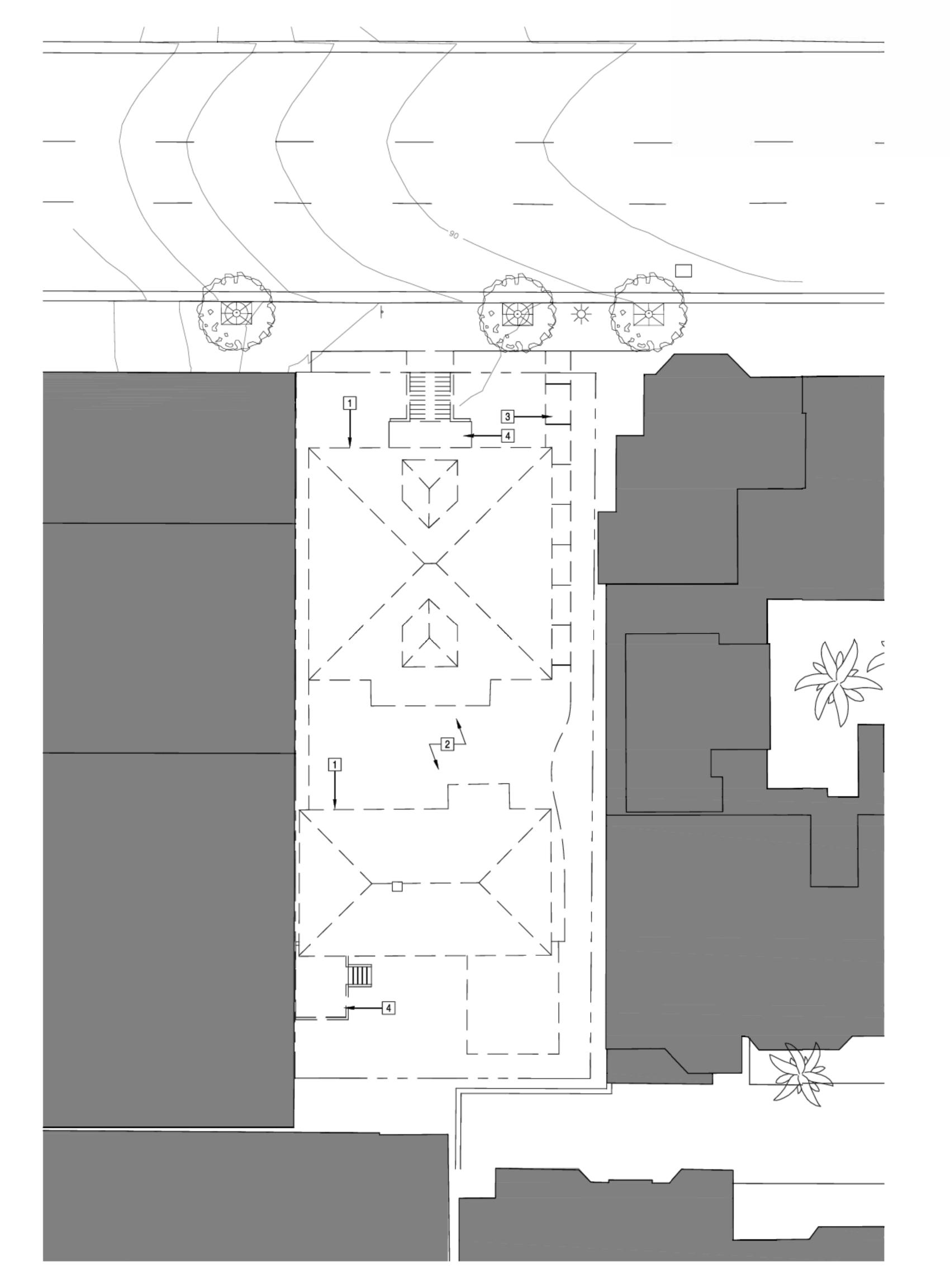
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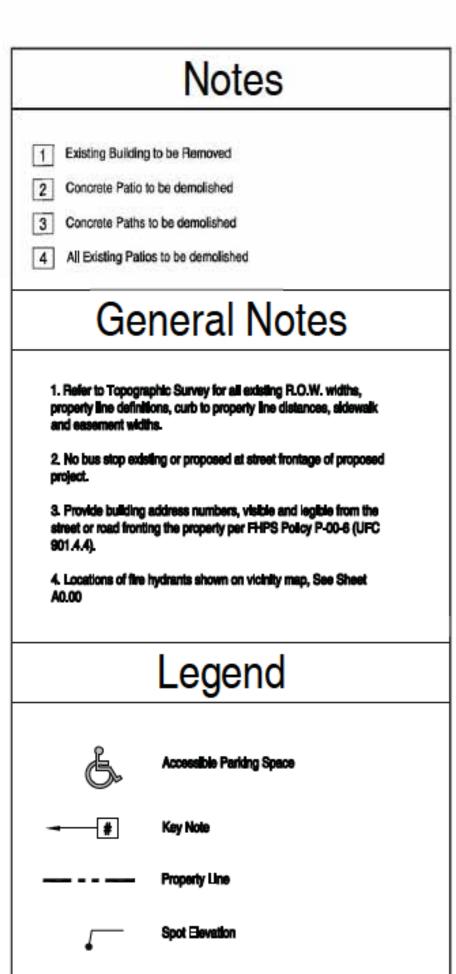


Site Plan

A1.0

Sheet Number 5 OF 20





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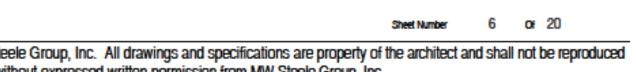
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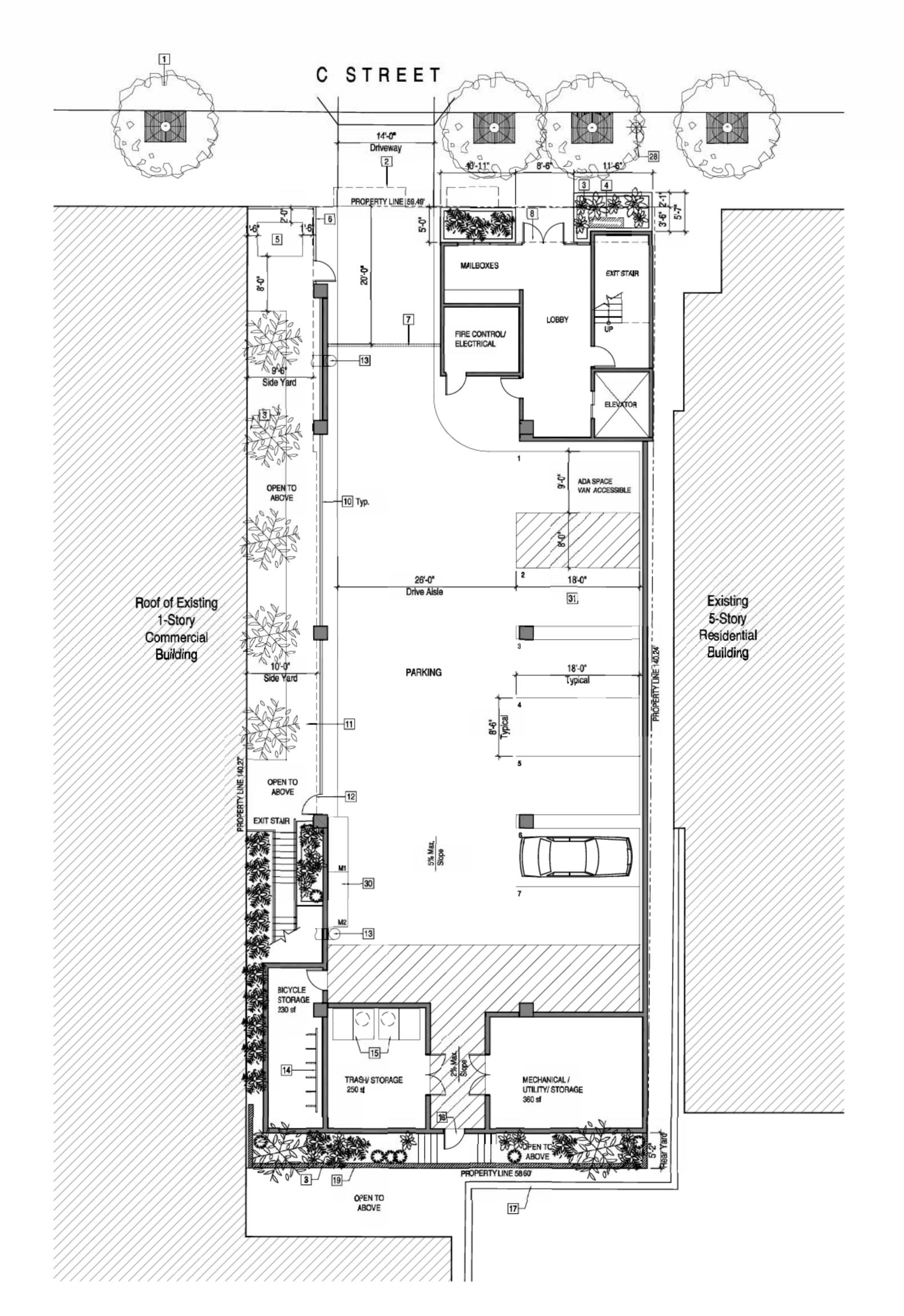
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DEMO PLAN

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5 8 7 6 8 9 8 10 M 11 6 12 6 15 T 16 Y 17 E	Size and Water Backflow Device Signature Transformer at Grade Secondary Access Gate Sarage Entry Gate Primary Building Entrance Security Deek Vietal Louver Screen over solid masonry wall Signess Path / Paved Walkway Sarage Pedestrian Exit Sarage Exhaust/ Intake Secure Bloycle Racks Trash and Recycling Bins at Chute Locations Vard Access Existing Fence / Wall on Adjacent Residential Property Oriel Window per SDMC Section 156.0311(h)(2)	3. Provide building address numbers, visible and legible from the street or road fronting the property per FHPS Policy P-00-6 (UFC 901.4.4). 4. Locations of fire hydrants shown on vicinity map, See Sheet A0.00
20 0	24" High Masonry Planter Wall Deck - Synthetic Decking and/or Deck Pavers	Legend
22 T 23 W 24 W 25 S	Counter for BBQ Grill Frash and Recycling Chutes Metal Guardrall Mechanical Equipment Screening - Galvanized Metal Grating Stucco Parapet - 42" high Typical with Painted Metal Cap Frash and Recycling Chute Vents	Accessible Parking Space Key Note Property ⊔ne
28 8	Street Light /RIF Mechanical Units	Spot Bevalion Accessible Path

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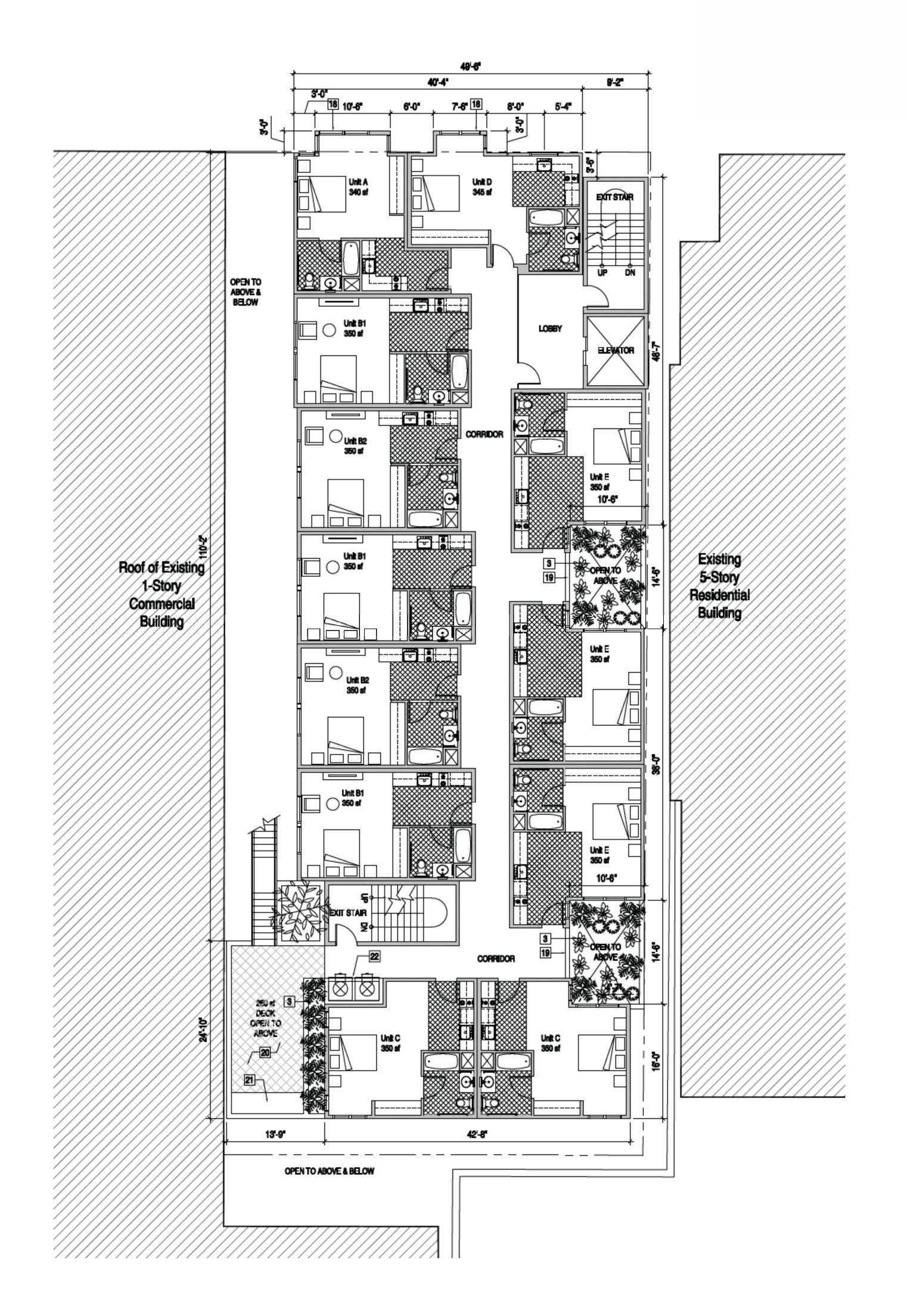
FLOOR PLANS

Scale: As Noted on Plans





NORTH



	Notes	General Notes
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Primary Building Entrance Security Desk Metal Louver Screen over solid masonry wall Egress Path / Paved Walkway Garage Pedestrian Exit Garage Exhaust/ Intake Secure Bloycle Racks Trash and Recycling Bins at Chute Locations Yard Access Existing Fence / Wall on Adjacent Residential Property Oriel Window per SDMC Section 156.0311(h)(2)	1. Refer to Topographic Survey for all existing R.O.W. widths, property line definitions, curb to property line distances, sidewalk and easement widths. 2. No bus stop existing or proposed at street frontage of proposed project. 3. Provide building address numbers, visible and legible from the street or road fronting the property per FHPS Policy P-00-6 (UFC 901.4.4). 4. Locations of fire hydrants shown on vicinity map, See Sheet A0.00
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21 22 23 24 25		Accessible Parking Space Key Note
26	Trash and Recycling Chute Vents	
27	Sloped Asphalt Shingle Roof	
28	Street Light	Spot Elevation
29	VRF Mechanical Units	● ● ● ● Accessible Path

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FLOOR PLANS

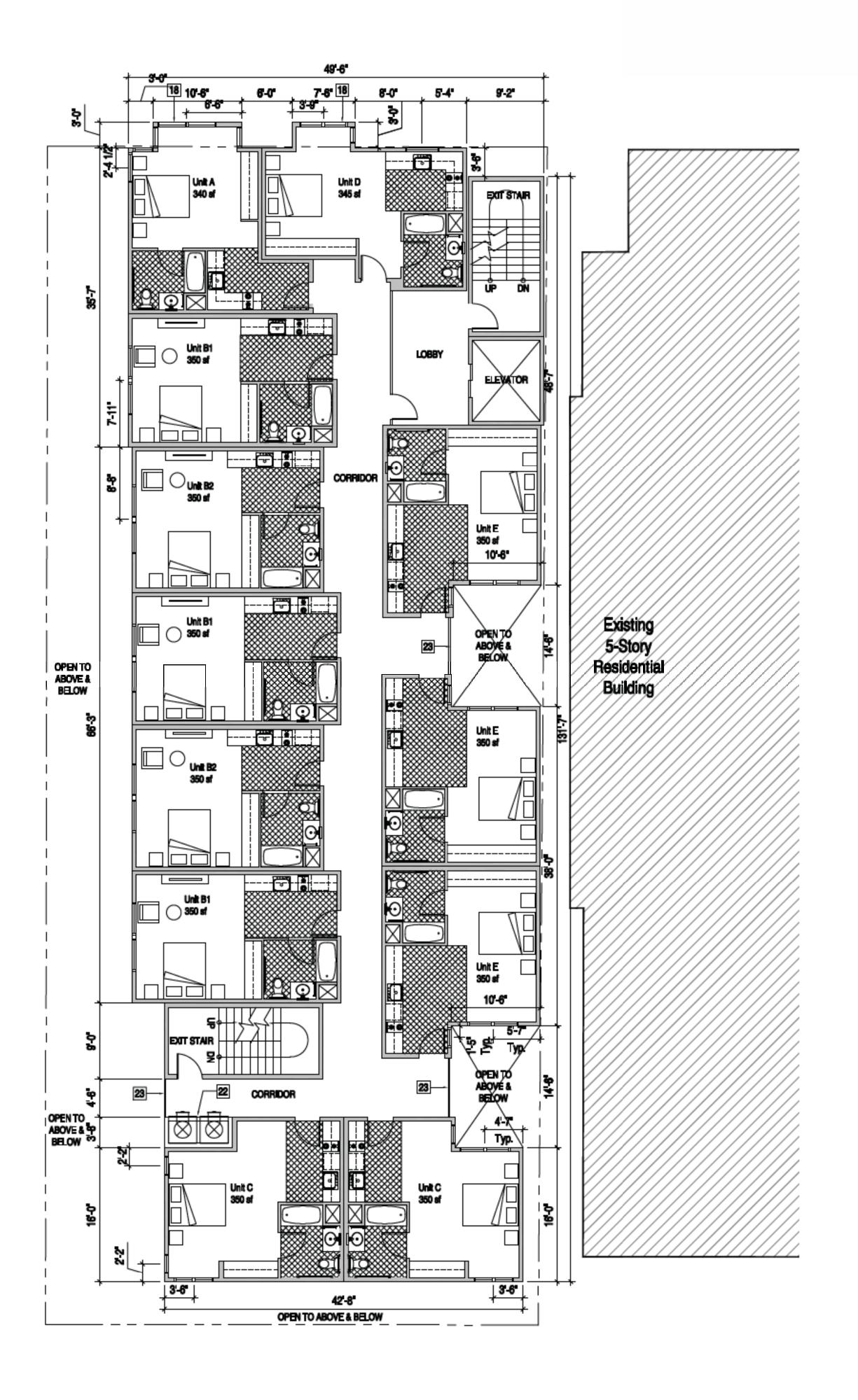
Scale: As Noted on Plans



Second Floor Plan



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Notes	General Notes
1 Existing Tree to Remain 2 Line of Building Perimeter Above 3 Landscaped Planter 4 Fire and Water Backflow Device 5 SDGE Transformer at Grade 6 Secondary Access Gate 7 Garage Entry Gate 8 Primary Building Entrance 9 Security Deak 10 Metal Louver Screen over solid masonry wall 11 Egrees Path / Paved Walkway 12 Garage Pedestrian Exit 13 Garage Exhaust/ Intake 14 Secure Bioyole Racks 15 Trash and Recycling Bins at Chute Locations 16 Yard Access 17 Existing Fence / Wall on Adjacent Residential Property 18 Orlet Window per SDMC Section 156.0311(h)(2)	1. Refer to Topographic Survey for all existing R.O.W. widths, property line definitions, curb to property line distances, sidewalk and easement widths. 2. No bus stop existing or proposed at street frontage of proposed project. 3. Provide building address numbers, visible and legible from the street or road fronting the property per FHPS Policy P-00-6 (UFC 901.4.4). 4. Locations of fire hydrants shown on vicinity map, See Sheet A0.00
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20 Deck - Synthetic Decking and/or Deck Pavers 21 Counter for BBQ Grill	Legena
22 Trash and Recycling Chutes 23 Metal Guardrall 24 Mechanical Equipment Screening - Galvanized Metal Grating 25 Street Respect 42f blob Timber with Pointed Metal Con	Accessible Parking Space # Key Note
25 Stucco Parapet - 42" high Typical with Painted Metal Cap Trash and Recycling Chute Vents	Property Line
27 Stoped Asphalt Shingle Roof 28 Street Light	Spot Bevalion
29 VRF Mechanical Units	● ● ● ● Accessable Path

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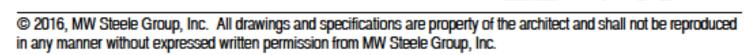
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FLOOR PLANS

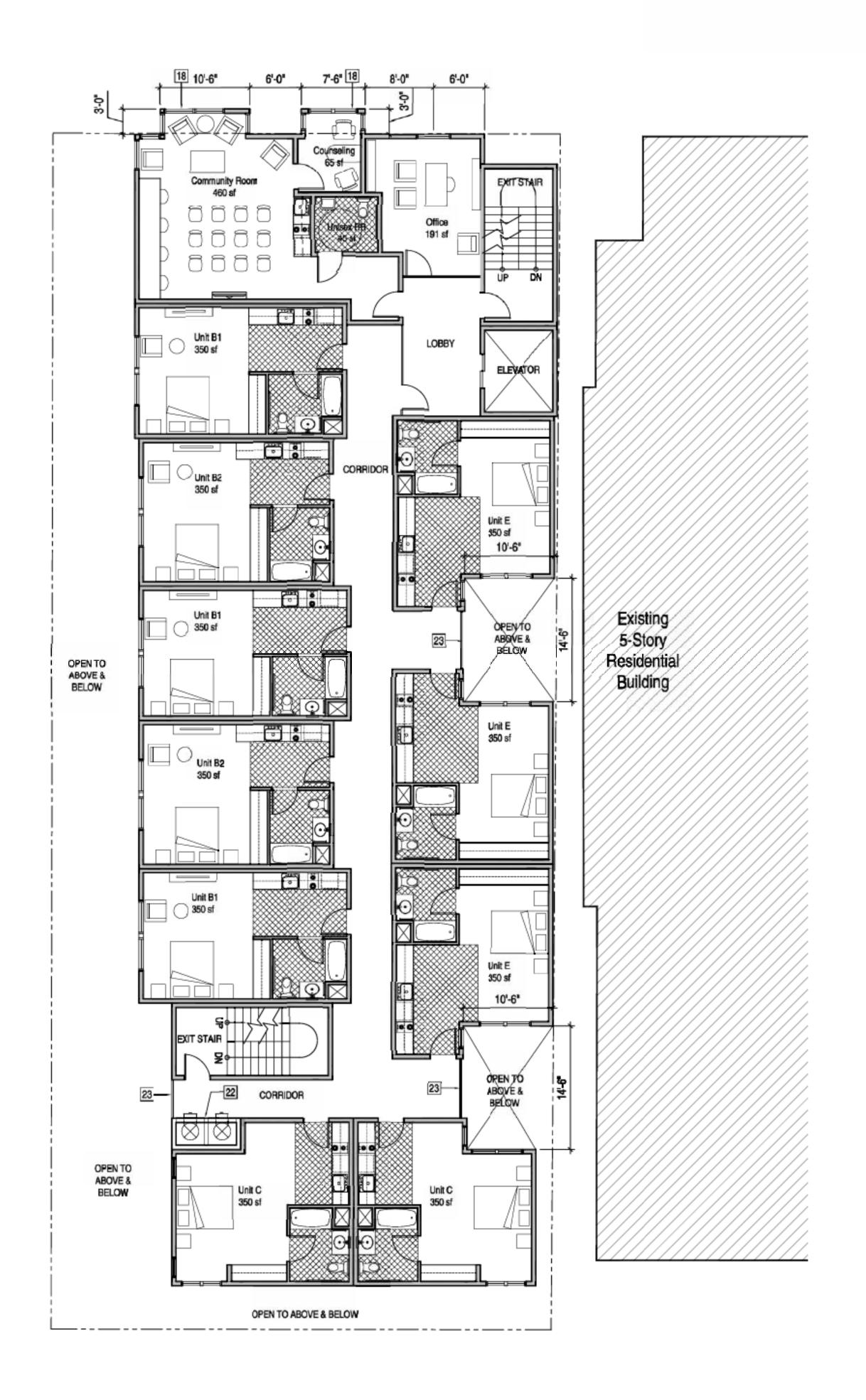
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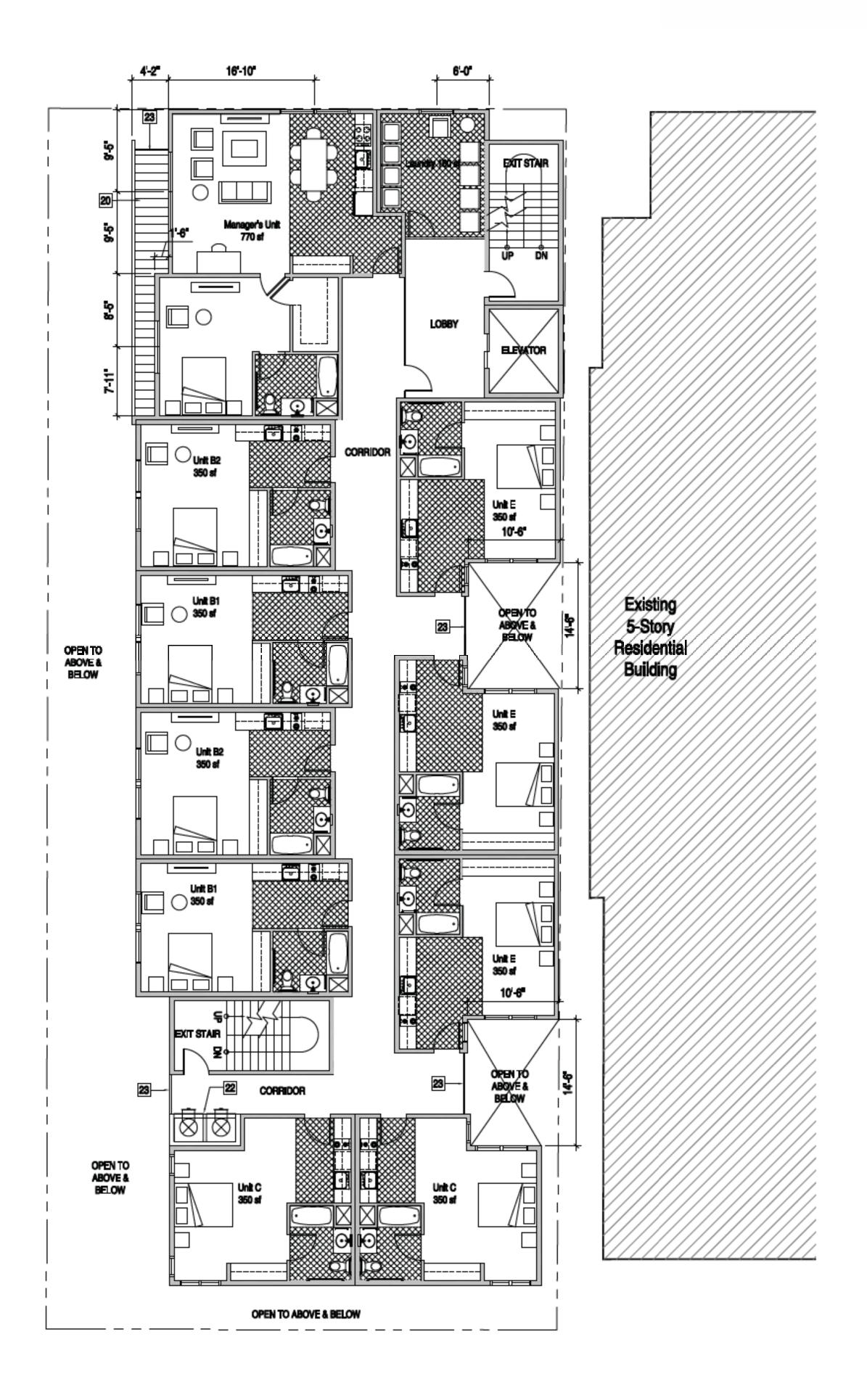
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Architect:

A2.3





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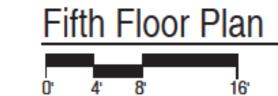
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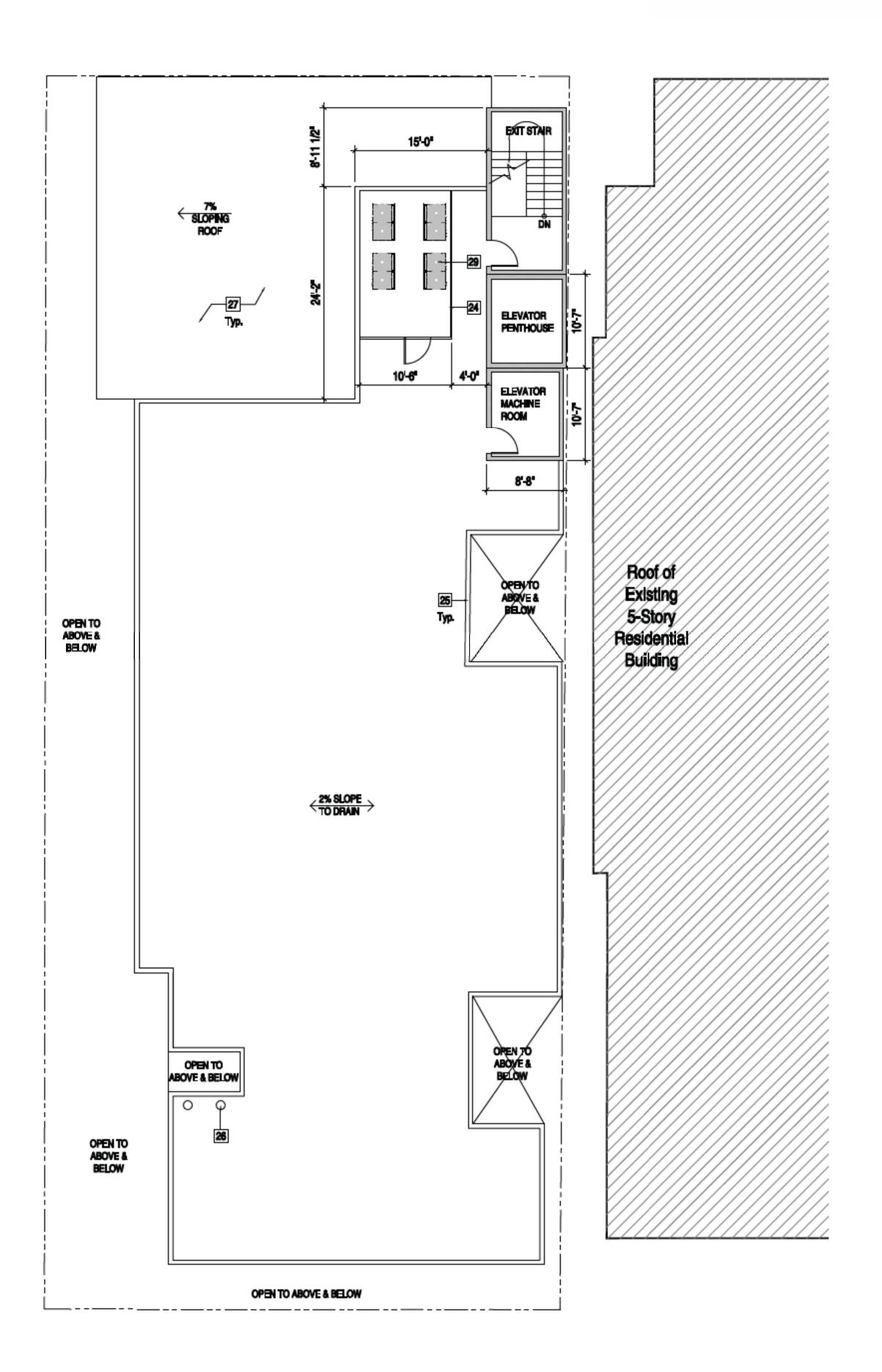
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ROOF PLAN
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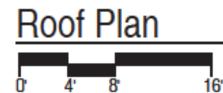
Architect:

Suite A

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A2.5





Notes

- 1 Metal Railing, Painted Finish
- 2 Hardie Board Siding with Integral Color
- 3 Metal Louver, Painted
- 4 Aluminum Storefront Entrance Door
- 5 Entrance Lighting Sconce
- 6 CMU Planter with Integrated Wood Bench
- 7 Pedestrian Exit Gate, Metal, Painted Finish
- 8 Cement Plaster, Integral Color and Painted Finish
- 9 Concrete Post-Tensioned Slab
- 10 Metal Insulated Panel Siding with Integral Color
- 11 CMU Garage Wall
- 12 Metal Reveal
- 13 Garage Door, Solid Painted Metal Louvers

General Notes

- Refer to Topographic Survey for all existing R.O.W. widths, property line definitions, curb to property line distances, sidewalk and easement widths.
- No bus stop existing or proposed at street frontage of proposed project.
- Provide building address numbers, visible and legible from the street or road fronting the property per FHPS Policy P-00-6 (UFC 901.4.4).

Legend



Accessible Parking Space

-

Key Note

-- --- Prop

M.W. STEELE GROUP

ARCHITECTURE | PLANNING

1805 NEWTON AVE | SUITE A

SAN DIEGO | CA | 92113
TELEPHONE 619 230 0325
www.mwsteele.com

The Beacon

1425 C St San Diego, CA 92101

Property Owner & Developer:

Wakeland Housing and Development Corp. 1230 Columbia St Suite 950 San Diego, CA 92101 Contact: Jonathan Taylor Phone: 619.326.6212

Architect:

M.W. Steele Group 1805 Newton Ave Suite A San Diego, CA 92113 Contact: Diego Velasco Phone: 619.230.0325 x4237 Project Number: 1523

Original Date: April 01, 2016

NOT FOR CONSTRUCTION SHEET SIZE: 24" x 36" DO NOT SCALE DRAWINGS

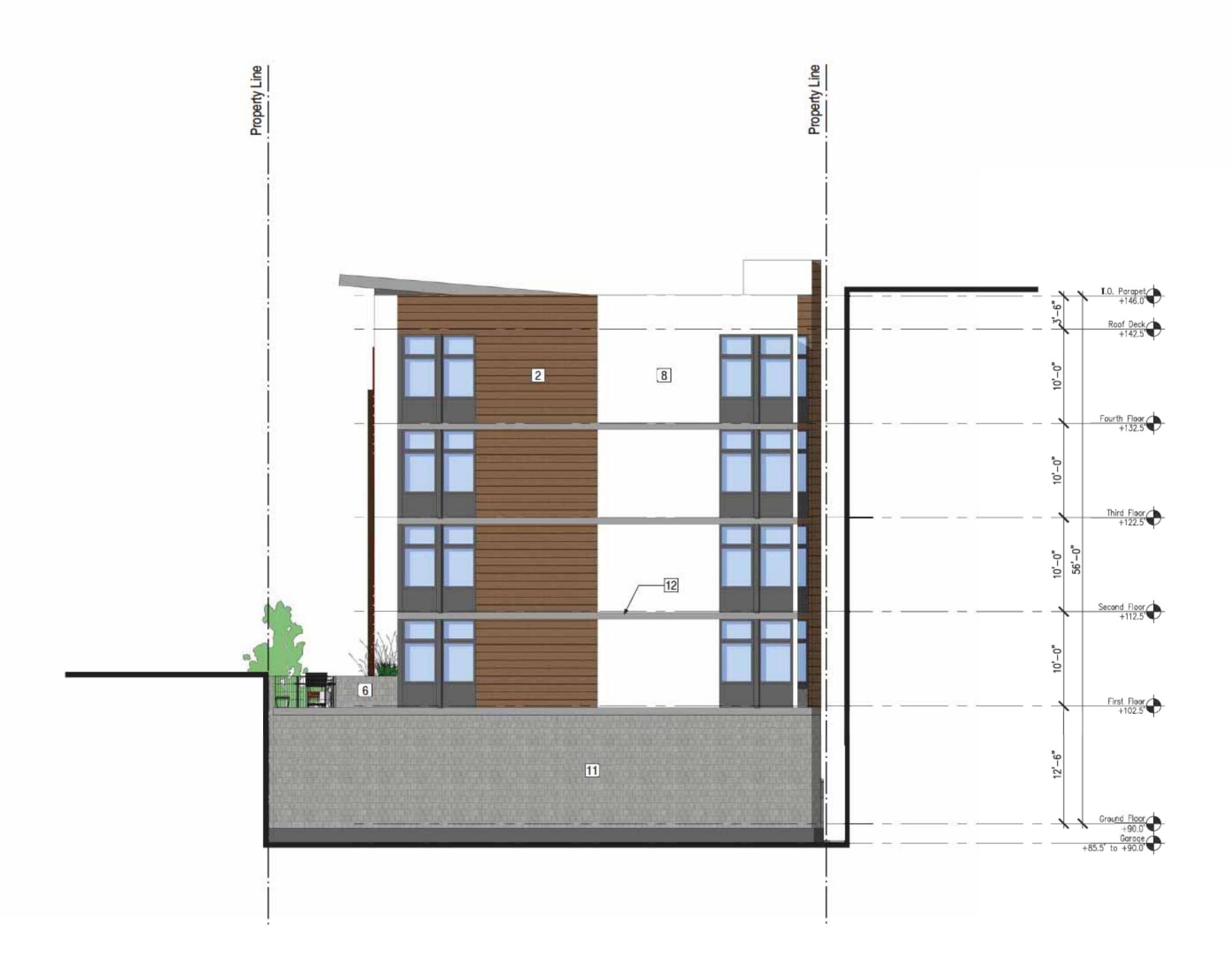
NORTH ELEVATION

Scale: As Noted on Plans

V3 U

North Elevation

A3.0



Notes

- 1 Metal Railing, Painted Finish
- 2 Hardie Board Siding with Integral Color
- 3 Metal Louver, Painted
- 4 Aluminum Storefront Entrance Door
- 5 Entrance Lighting Sconce 6 CMU Planter with Integrated Wood Bench
- 7 Pedestrian Exit Gate, Metal, Painted Finish
- 8 Cement Plaster, Integral Color and Painted Finish
- 9 Concrete Post-Tensioned Slab
- 10 Metal Insulated Panel Siding with Integral Color
- 11 CMU Garage Wall
- 12 Metal Reveal
- 13 Garage Door, Painted Metal Grate

General Notes

- Refer to Topographic Survey for all existing R.O.W. widths, property line definitions, curb to property line distances, sidewalk and easement widths.
- 2. No bus stop existing or proposed at street frontage of proposed
- Provide building address numbers, visible and legible from the street or road fronting the property per FHPS Policy P-00-6 (UFC 901.4.4).

Legend



Accessible Parking Space

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First Civic SD Submittal - 05/02/2016 Second Civic SD Submittal - 06/20/2016 Third Civic SD Submittal - 10/26/2016

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SOUTH ELEVATION Scale: As Noted on Plans

South Elevation



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EAST ELEVATION

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Scale: As Noted on Plans



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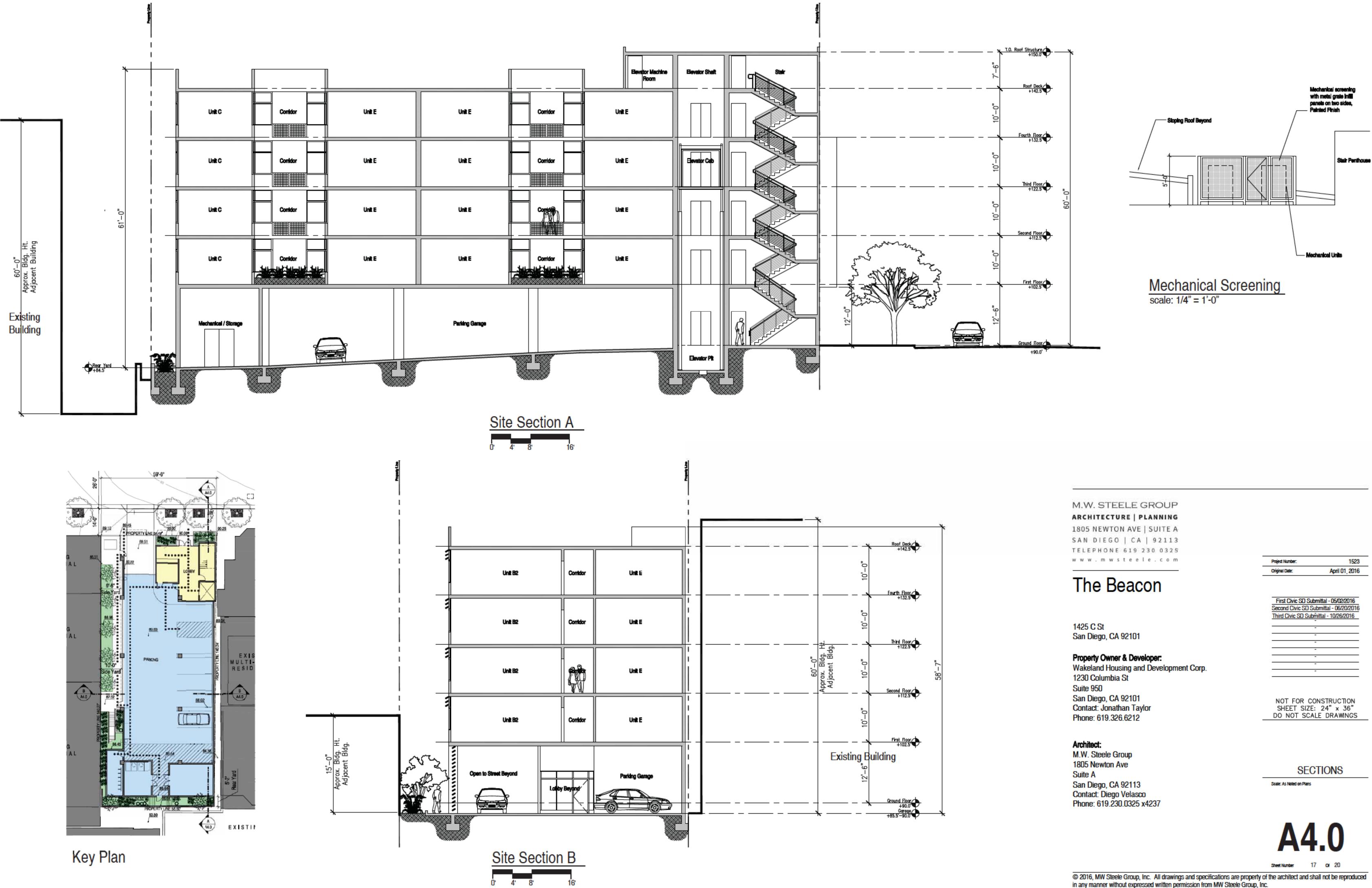
WEST ELEVATION

Scale: As Noted on Plans

A3.3

West Elevation

Sheet Number 16 Or 20





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PERSPECTIVES

Scale: As Noted on Plans

A5.0



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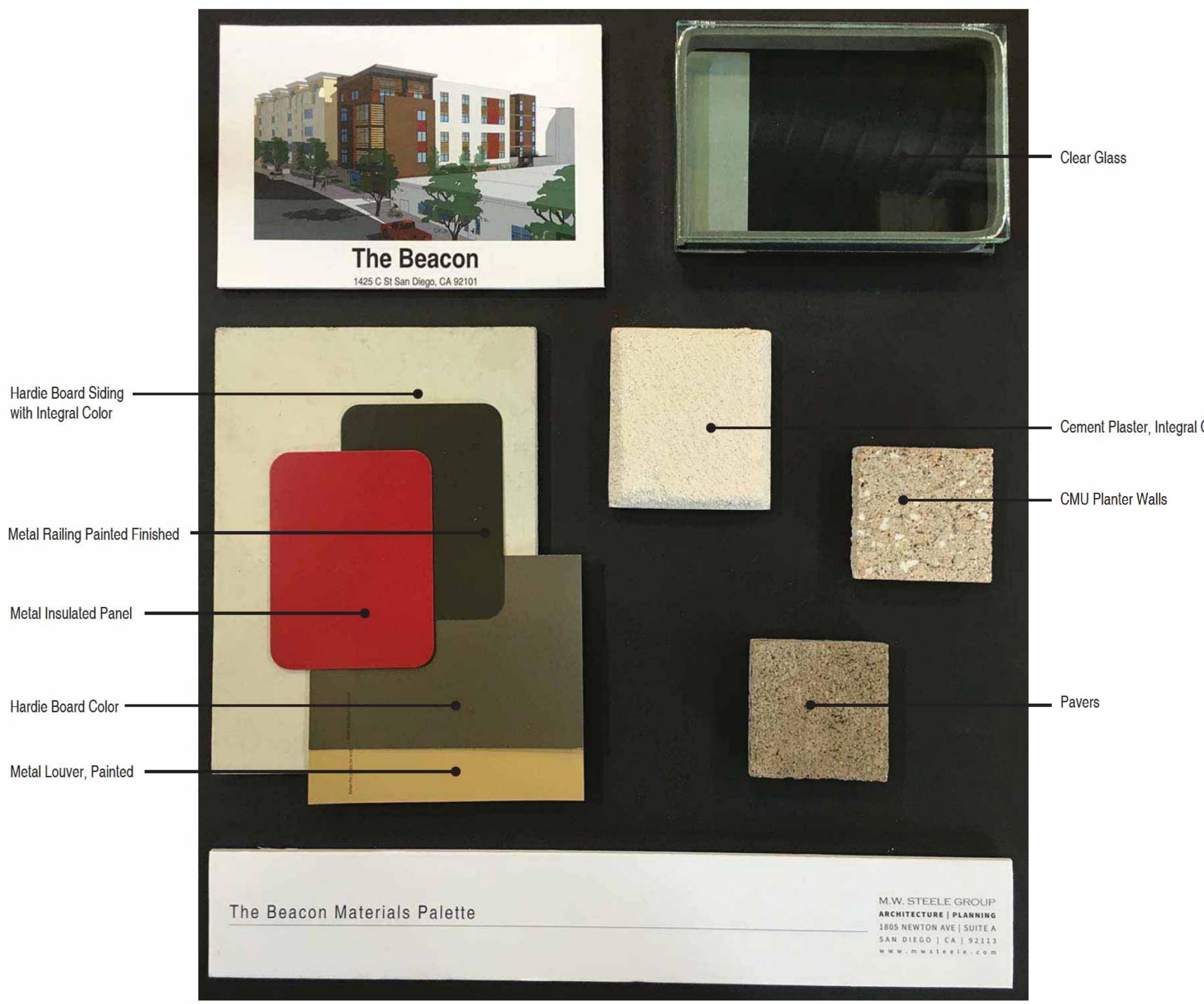
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PERSPECTIVES

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A5.1

Perspective - View from C Street



Cement Plaster, Integral Color and Painted Finish

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MATERIAL BOARD

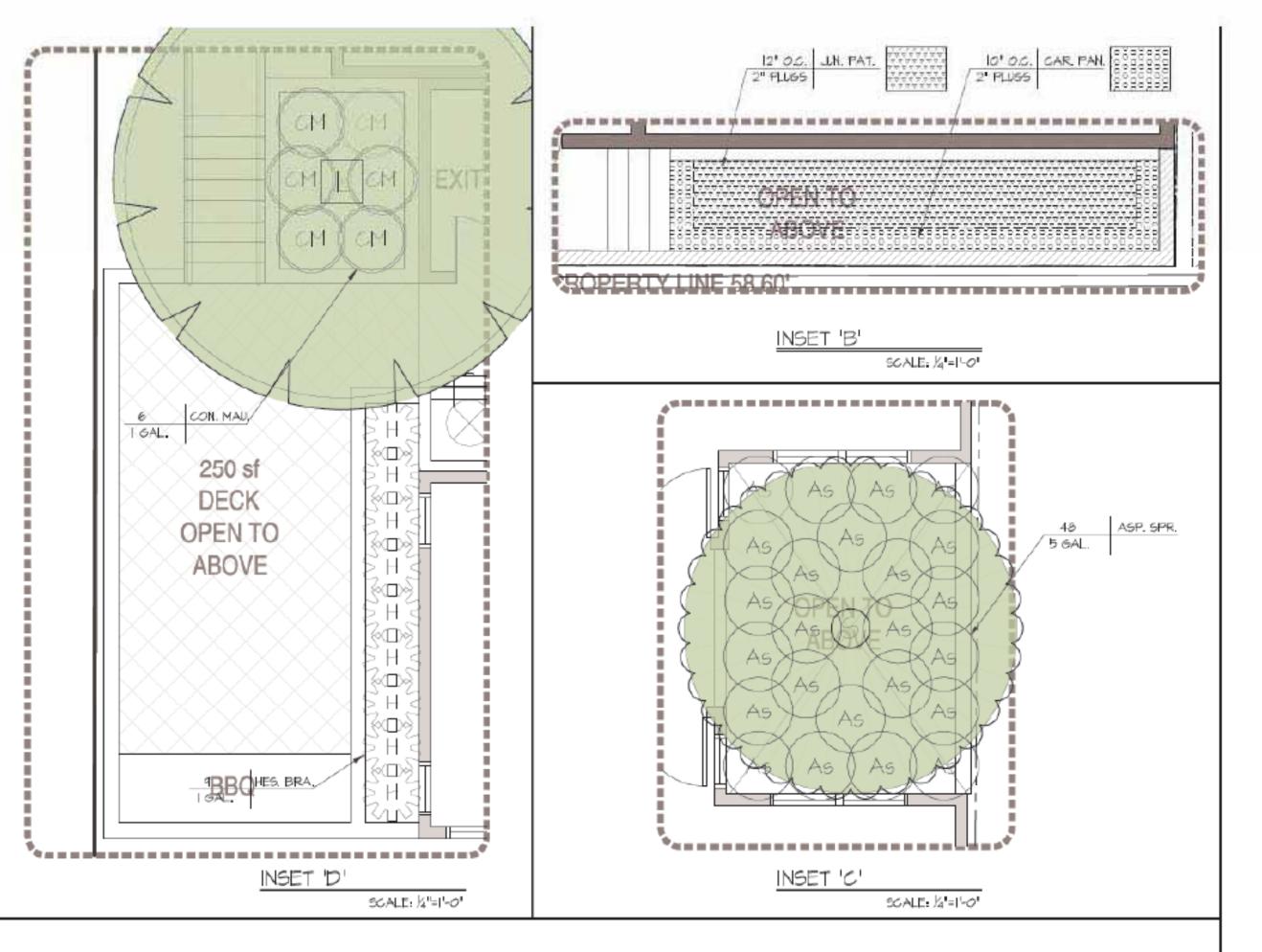
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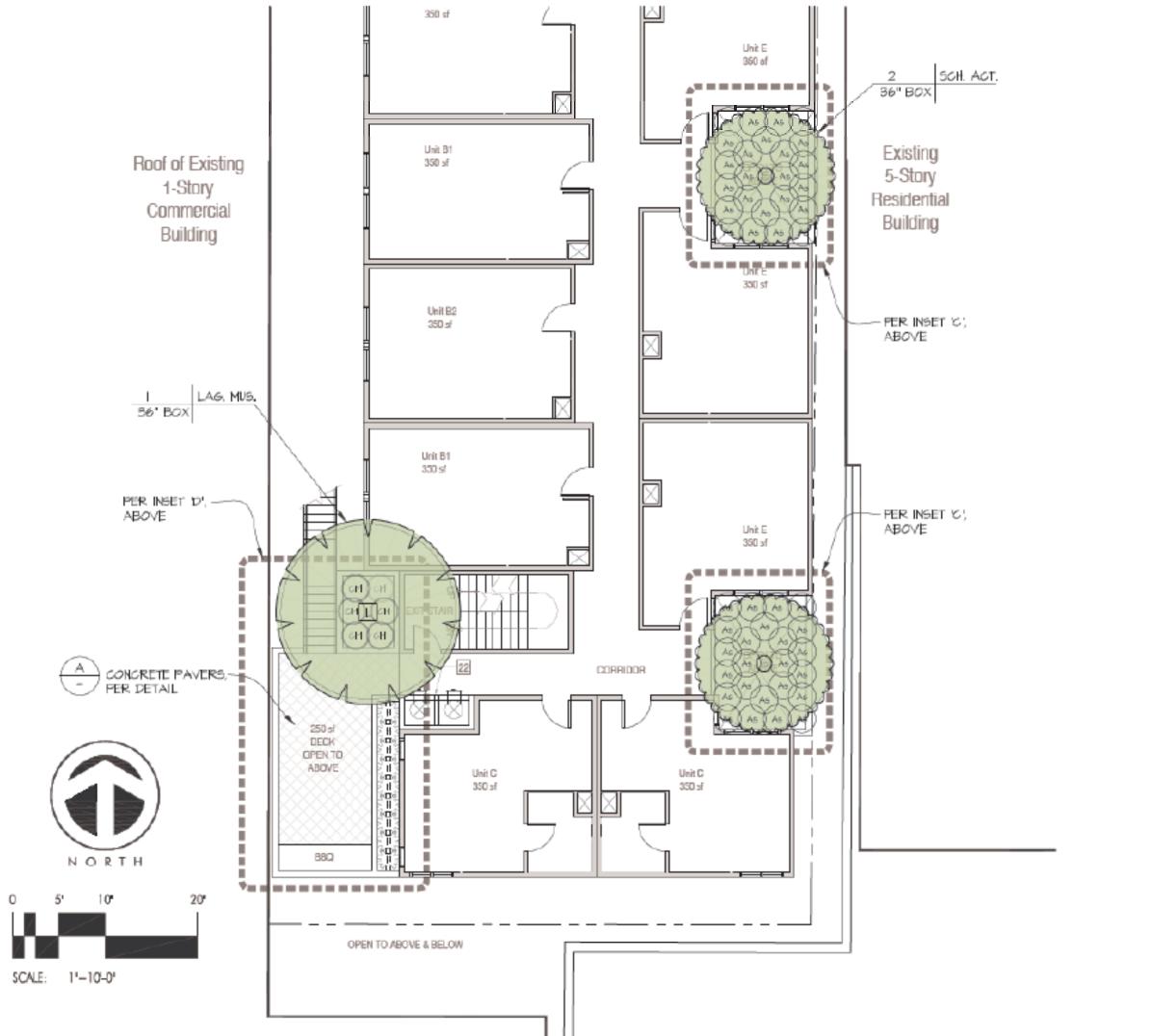
Project Number:

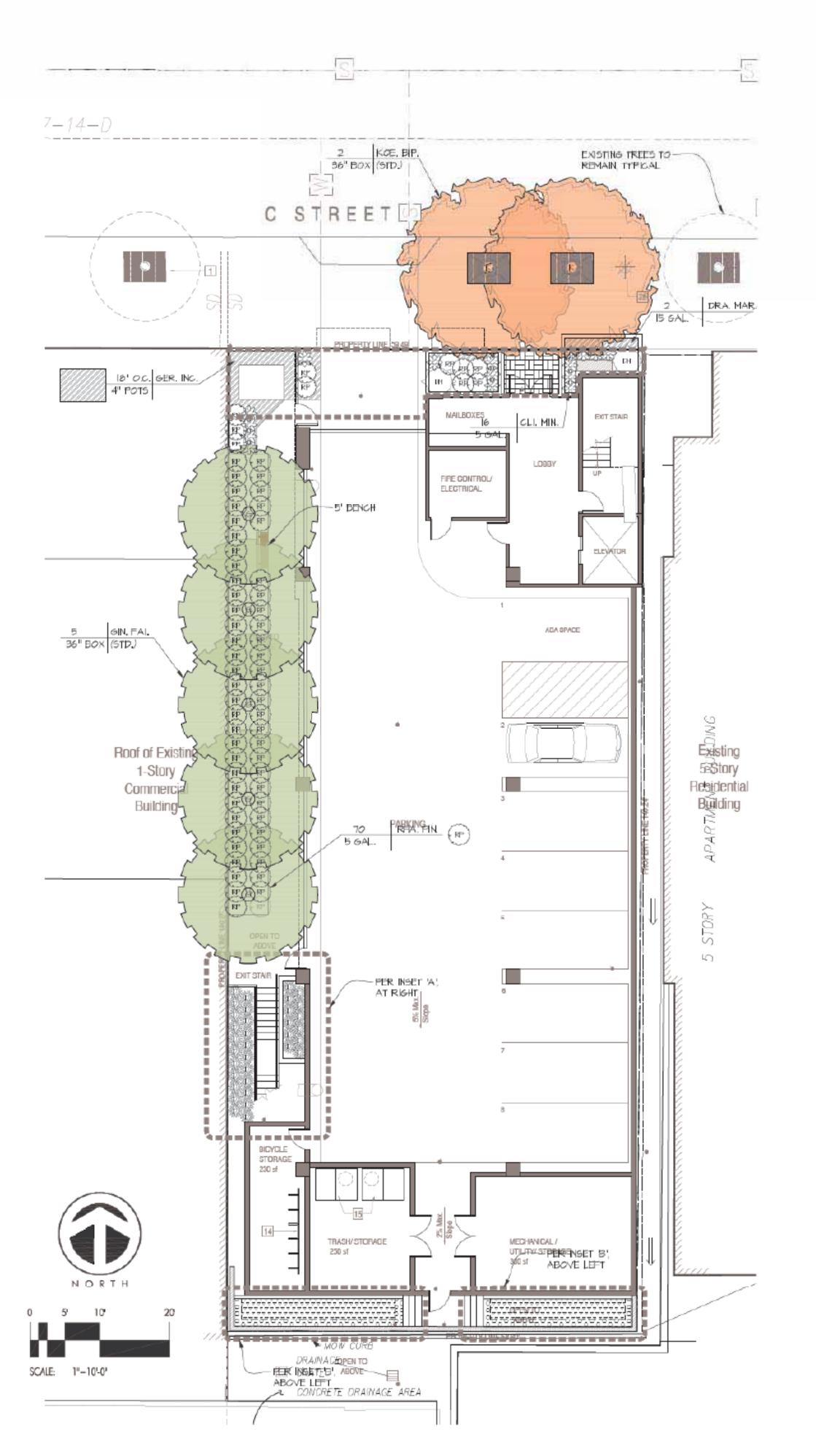
April 01, 2016

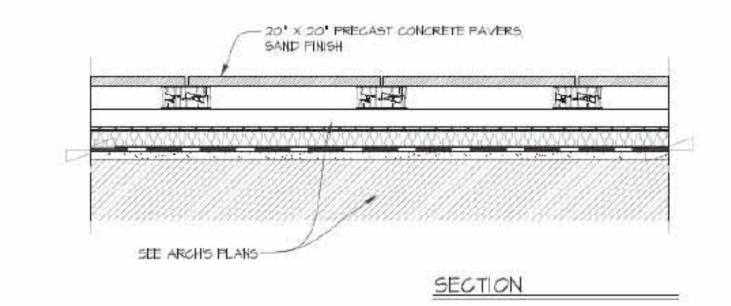


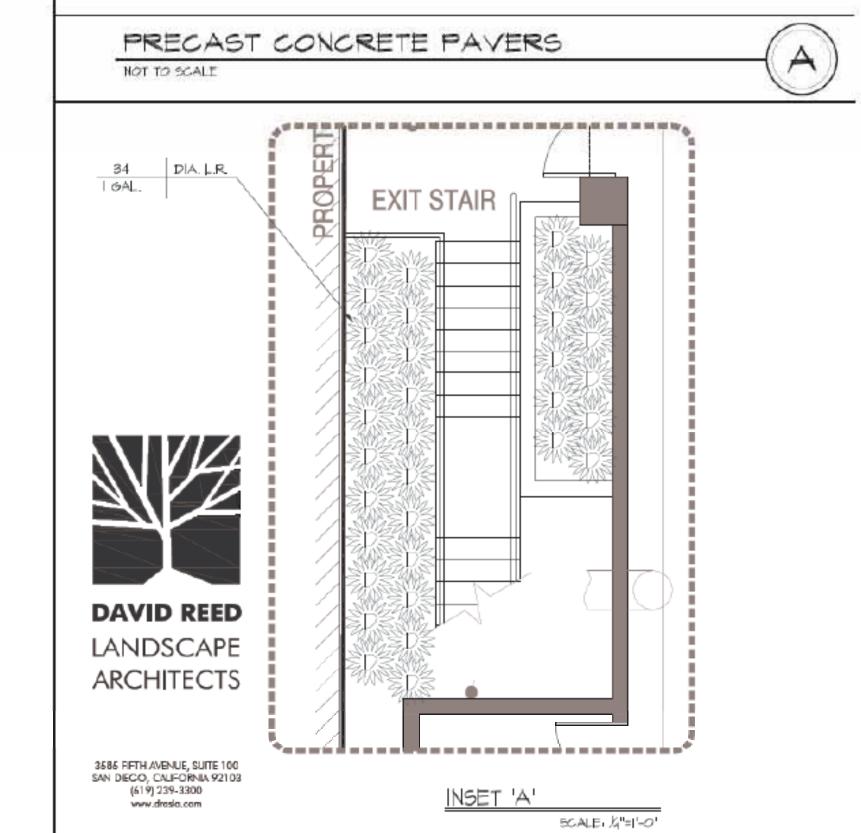
A6.0











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1523

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> CONCEPT PLAN

ale

SECOND LEVEL/DECK

____(

FIRST LEVEL/STREET LEVEL

 (B)

L-1

STREET YARD AREA TOTAL AREA = 494.74 50. FT.

PLANTING AREA REQUIRED 494,74 5Q, FT, X 50%	247,37 SQ. FT.
PLANTING AREA PROVIDED	HI.30 50, FT.
PLANTING AREA ALLOWABLE AS HARDSCAPE ON UNATTACHED UNIT PAVERS 494,74 50, FT. X 10%= 49,47	49.38 5Q. FT.
EXCESS POINTS PROVIDED MAXIMUM PLANTING AREA REDUCTION ALLOWED= 247.57 50. FT. X 25% = 61.84	31 50. FT.

TOTAL = 257.68 SQ. FT. EXCEEDS REQUIREMENT BY 10.3 SQ. FT.

STREET YARD POINTS TOTAL AREA = 494.74 SQ. FT.

PLANTING POINTS REQUIRED 494.74 50. FT. X 0.05	24.73 POINTS
PLANTING POINTS PROVIDED (2) 15 GAL SHRUB + 10 PTS= 20 POINTS (21) 5 GAL SHRUB + 2 PTS= 42 POINTS	62 POINTS

EXCEEDS REQUIREMENT BY 37 POINTS

REMAINING YARD AREA TOTAL AREA = 810.43 S.F.

PLANTING AREA REQUIRED MINMUM 40 50. FT. PER TREE: 40×5	200 5Q. FT.
PLANTING AREA PROVIDED	436.0150 S.F.

EXCEEDS REQUIREMENT BY 236.07 SQ. FT.

REMAINING YARD POINTS TOTAL AREA = 8TO.43 S.F.

PLANTING POINTS REQUIRED 60 POINT PER EA BUILDING	60 POINTS
PLANTING AREA PROVIDED (5) 36" BOX TREE * 50 PTS= 250 POINTS (61) 5 GAL SHRUB * 2 PTS= 122 POINTS (34) I GAL SHRUB * 1 PTS= 34 POINTS	406 POINTS

EXCEEDS REQUIREMENT BY 346 POINTS

STREET TREE & PUBLIC R.O.W. REQ. R.O.W. REQUIREMENTS

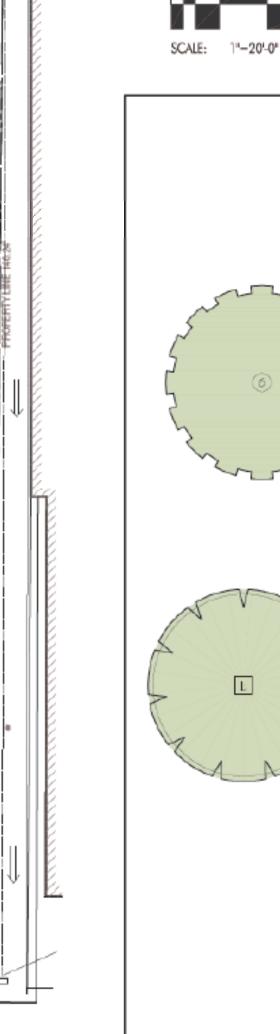
.98 TREES REQUIRED 59,49 L.F. / 30 TREES PROVIDED

(5) 36 BOX TREE * 50 PTS= 250 POINTS

EXCEEDS REQUIREMENT BY 0.02 TREES

LANDSCAPE CALCULATIONS

NOT TO SCALE



STREET TREES 2 36 BOX TREES

大学

EXIT STAIR

ADA SPAGE

MAILBOXES

FIRE CONTROL

ELECTRICAL

REMAINING YARD

5 -36" BOX TREES

REMAINING YARD PLANTING AREA PROVIDED = 436,0750 S.F.

REMAINING YARD AREA = 870.48 S.F.

THIS SYMBOL - -

STREET YARD PLANTING AREA

NORTH

ALLONABLE AS HARDSCAPE =

frank &	3	PLAN	NT PA	LET	TE				
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	M NEW	ABRV,	SIZE	NUMBER	SCIENTIFIC NAME	COMMON NAME	NOTES	$M \times H$	SPACING
	Ser Ser	STREET	YARD TR	EES: 10	0% 36 " B <i>O</i> X				
© 5		KOE. BIP.	96" B <i>O</i> X	2	KOELREUTERIA BIPINNATA	CHINESE FLAME TREE	DECIDUOUS CANOPY TREE, YELLOW FLOWERS TURN TO SALMON BRACTS, LOW MAINTENANCE.	25' × 90'	N/A
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		REMAININ	IG YARD	TREES:	100% 36" BOX				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		GIN. FAI.	36" BOX	5	GINKGO BILOBA "FAIRMOUNT"	FAIRMOUNT MAIDENHAIR TREE	DECIDUOUS, PYRAMIDAL HYBRID, GOLD FALL COLOR, EASY CARE.	35' × 15'	13.51
		LAG. MUS.	56" BOX	1	LAGERSTROEMIA FAURIEI MUSKOGEE	MUSKOGEE CRAPE MYRTLE	DECIDUOUS, MILDEM RESISTANT HYBRID, SMALL ACCENT TREE, LAVENDER FLOWERS, RED FALL COLOR.	25' X 15'	N/A
		SCH. ACT.	36" B <i>O</i> X	2	SCHEFFLERA ACTINOPHYLA	QUEENGLAND UMBRELLA TREE	EVERGREEN, FAST, LOW LIGHT TOLERANT, LARGE GLOSSY LEAVES.	20' X 15'	N/A
	/	LARGE 4	UPRIGHT	SHRUBS	5				
S. S	(n)	DRA. MAR.	. 15 GAL.	2	DRAGAENA MARGINATA	N.G.N.	EVERGREEN, TALL, ERECT, NARROW GREEN LEAVES WITH RED MARGINS, LOW LIGHT TOLERANT.	10° X 6'	N/A
2	, and the second second	SMALL S	HRUBS 4	PERENN	IIAL5				
		ASP. SPR.	5 GAL.	48	ASPERAGUS 'SPRENGERI'	SPRENGER ASPERAGUS	ARCHING STEMS, BRIGHT GREEN NEEDLE LIKE LEAVES, BILLOWY GROUNDCOVER.	3' × 6'	6'0.6.
7	(RP)——	RHA. PIN.	5 GAL.	70	RHAPHIOLEPIS 'PINKIE'	PINKE INDIAN HAMTHORN	PINK FLOWERS, STURDY SHRUB, TOLERATES DROUGHT AND LOW LIGHT, NEEDS LITTLE PRUNING, EASY CARE.	3' X 4'	200.
2		ACCENT	PLANT5						
		CAR. PAN.	1 GAL.	10" 0.C.	CAREX PANSA	CALIFORNIA MEADOW SEDGE	MAT OF BRIGHT GREEN CLUMPS OF GRASS LIKE LEAVES, NEEDS ONLY OCCASIONAL SHEARING.	ರಿ" × 12"	10" O.C.
	\$ <del>}</del>	GLI. MIN.	5 GAL.	16	CLIVIA MINIATA	CLIVIA	DARK GREEN STRAP LIKE LEAVES, ORANGE FLOWER CLUSTERS, TAKES SHADE	2.5' X 2.5'	15' O.C.
	₩	DA. L.R.	1 GAL.	34	DIANELLA T. 'LITTLE REY'	LITTLE REV FLAX LILY	BLUE-GREEN LEAVES, SLOWLY SPREADS BY RHYZOMES, TINY BLUE FLOWERS.	2' × 2'	15'0%.
	Sus-	HES. BRA.	1 GAL.	q	HESPERALOE P. BRAKELIGHTS'	BRAKELIGHTS RED YUCCA	DWARF, CLIMPS OF NARROW LEAVES, RED FLOWERS ON STALKS ABOVE FOLIAGE.	2.5' X 2.5'	200.
		JUN. PAT.	1 GAL.	12" 0.0.	JINCUS PATENS	CALIFORNIA GRAY RUSH	GRAY-BLUE CLUMPS OF NARROW LEAVES.	2' X 2'	12" 0.0.
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GROUND							
	(at)——	CON. MAU.	1 GAL.	В	CONVOLVULUS MAURITANICUS	GROUND MORNING GLORY	TRAILING DRANCHES OF SMALL GRAY GREEN LEAVES, LAVENDER BLUE FLOWERS.	1.5' X 7.5'	65° O.C.

LANDSCAPE CALCULATIONS DIAGRAM

STORAGE 230 sf

DIRECT TAKE PLANTING AREA

REMAINING YARD PLANTING AREA FROVIDED = 670.43 CF. ST. REE7

PROPERTY LINE NO.401

PROVIDED = 164,7667 S.F.

---- STREET YARD AREA = 444.7414 S.F.-

THIS SYMBAL

50ALE: | 1'=10'-0"

PLANT PALETTE

#### RRIGATION NOTES

THIS PROJECT IS INTENDED AS A XERIPHYTIC LANDSCAPE. HOWEVER, TO COMPLY WITH CITY REGULATIONS, ALL PLANTING AREAS SHALL BE IRRIGATED WITH A PERMANENT AUTOMATIC PRRIGATION SYSTEM, USING DRIP IRRIGATION OR LOW PRECIPITATION 4 PRECIPITATION MATCHED SPRINKLE HEADS, ALL SPRINKLER HEADS IN THE RIGHT-OF-WAY OR WITHIN TWO FEET OF THE SIDEWALK SHALL HAVE EXCESS FLOW VALVES IN THEM AND BE ON VALVES CONTROLLED PROM EACH ADJACENT LOT.

#### GENERAL NOTES

I. ALL LANDSCAPE AND IRRIGATION SHALL CONFORM TO THE STANDARDS OF THE CITY-WIDE LANDSCAPE REGULATIONS, THE CITY OF SAN DIEGO LAND DEVELOPMENT MANUAL LANDSCAPE STANDARDS AND THE CENTRE CITY PLANNED DISTRICT REGULATIONS AND ALL OTHER LANDSCAPE RELATED CITY AND REGIONAL STANDARDS AS OF THE APPROVED DATE OF THESE PLANS.

2. AN IRRIGATION SYSTEM SHALL BE PROVIDED AS REQUIRED FOR PROPER IRRIGATION, DEVELOPMENT AND MAINTENANCE OF THE VEGETATION, THE DESIGN OF THE SYSTEM SHALL PROVIDE ADEQUATE SUPPORT FOR THE VEGETATION SELECTED.

3. MAINTENANCE: ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED FREE OF DEBRIS AND LITTER AND ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION, DISEASED OR DEAD PLANT MATERIAL SHALL BE SATISFACTOR LY TREATED OR REPLACED PER THE CONDITIONS OF THE PERMIT WITHIN SO DAYS.



**ARCHITECTS** 

3585 FIFTH AVENUE, SUITE 100 SAN DIEGO, CALIFORNIA 92103 (619) 239-3300

#### MINIMUM TREE SEPARATION

A. MPROVEMENT/MINIMUM DISTANCE TO STREET - TREE TRAFFIC SIGNALS (STOP SIGNS) - UNDERGROUND UTILITY LINES + 5 FT ABOVE GROUND UTILITY STRUCTURES -10 FT - DRIVENAT (ENTRIES) - 10 FT

- INTERSECTIONS (INTERSECTION CURB LINES OF TWO - 25 FT

B. LANDSCAPE AREAS FOR TREES. THE OPENINGS FOR TREES PLANTED IN PAVED AREAS SHALL BE A MNIMUM 40 SQUARE FEET IN AREA AND WATER PERMEABLE, UNGONSOLIDATED MULCH MATERIALS MUST BE COVERED BY TREE GRATES OR UNATTACHED

#### MAINTENANCE NOTES

LANDSCAPE MAINTENANCE SHALL BE PERFORMED ON ALL IMPROVED AREAS OF THE SITE, PER THE CRITERIA OF THE CITY OF SAN DIEGO LANDSCAPE STANDARDS, AS WELL AS THE REQUIREMENTS OF THE MAINTENANCE MANUAL AND SPECIFICATIONS OF DAVID REED LANDSCAPE ARCHITECTS.

#### MAINTENANCE CRITERIA

TREES SHALL BE WATERED DEEPLY, BUT NFREQUENTLY, TO PROMOTE DEEPER ROOTING, AND SHALL BE FERTILIZED AS REQUIRED BY SOUND HORTICULTURAL PRACTICES.

FLANTS SHALL BE PRINED IN ACCORDANCE WITH PROFESSIONAL TRIMMING STANDARDS TO MAINTAIN THEIR INTENDED SHAPES AND SIZES, AND TO INSURE THE HEALTH OF THE SPECIMEN AND THE SAFETY OF THE PUBLIC.

TREE GUYS AND STAKE TES SHALL BE INSPECTED AND ADJUSTED PERIODICALLY, AND REMOVED WHEN NECESSARY, TO INSURE THAT THEY ARE ADEQUATELY SURROUNDING THE TREE MITHOUT GIRDLING TRUNKS OR BRANCHES.

PLANTS SHALL BE PRINED TO AVOID BLOCKING MALLS, PASSAGEMAYS AND SIGHT DISTANCE VIEWS FOR VEHICULAR TRAFFIC.

DEAD PLANTS SHALL BE REPLACED, DAMAGED BRANCHES SHALL BE REMOVED, AND OVERSROWN AREAS SHALL BE THINNED BY THE SELECTIVE REMOVAL OF UNIECESSARY PLANTS.

SHRUBS AND VINES USED FOR SCREENING TRASH ENCLOSURES AND SERVICE AREAS SHALL BE PRUNED TO MAXIMIZE SCREENING WHILE ALLOWING ACCESS TO THE STORAGE/SERVICE AREAS.

SHRUBS, TREES, AND VINES USED TO MEET THE "REMAINING YARD RESIDENTIAL BUFFERING" REQUIREMENT OR FOR SCREENING ADJACENT PROPERTIES SHALL BE KEPT PRINED SO THEY DO NOT INTERFERE WITH PEDESTRIAN TRAFFIC AND DO NOT ENCROACH EXCESSIVELY ONTO THE ADJACENT PROPERTY.

M.W. STEELE GROUP

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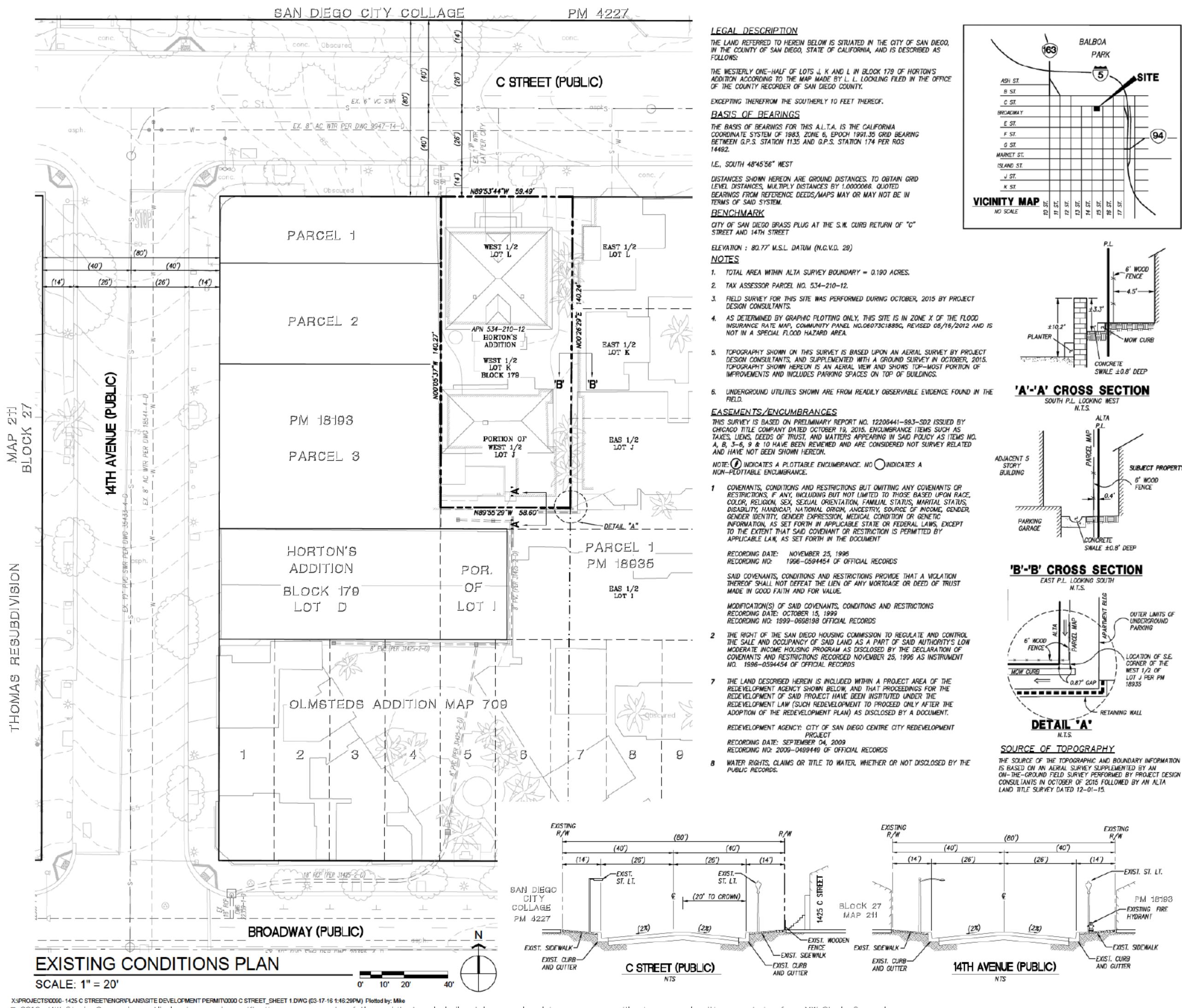
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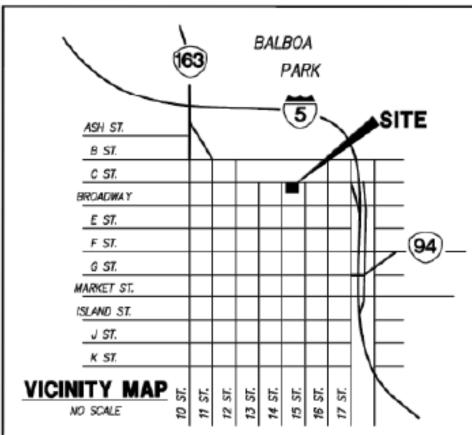
1523 Original Date: Jan 12 2016

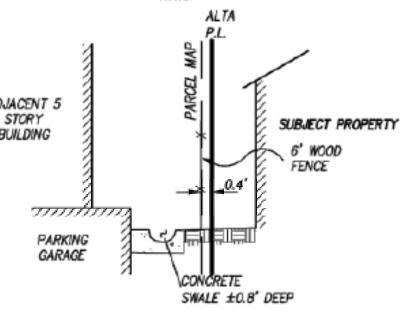
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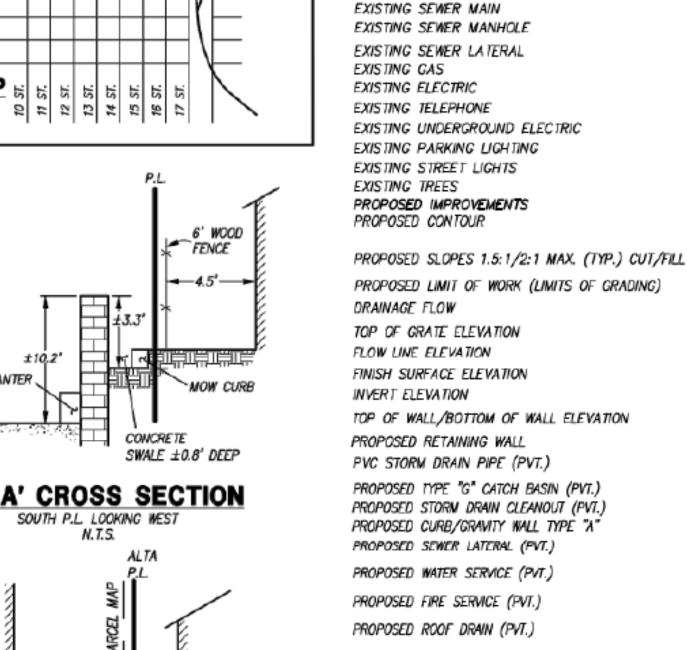
## PLANT PALETTE, **NOTES & CALCULATIONS**

LITILITY/STORAGE









**LEGEND** 

RIGHT-OF-WAY

EXISTING CONTOURS

EXISTING SIDEWALK

EXISTING WATER MAIN

EXISTING GATE VALVE

EXISTING FIRE HYDRANT

EXISTING IMPROVEMENTS PROJECT BOUNDARY

EXISTING EDGE OF PAVEMENT

EXISTING CURB & GUTTER

EXISTING PEDESTRIAN RAMP

EXISTING STORM DRAIN PIPE

EXISTING STORM DRAIN CLEANOUT

EXISTING STORM DRAIN CURB INLET

ITEM

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PROPOSED BIORETENTION BASIN (PVT.)

(SEE DETAIL SHEET C2.0)

PROPOSED DRIVEWAY APRON

SITE VISIBILITY TRIANGLES

PROPOSED RIP RAP OUTLET (PVT.)

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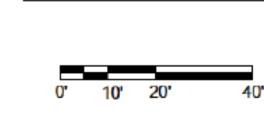
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NOT FOR CONSTRUCTION

SHEET SIZE: 24" x 36"

DO NOT SCALE DRAWINGS

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TG 180.25

FL 180.00

FS 180.00

IE-180.25

TW 180.00 BW 180.00

1523

20000

Original Date:

Checked:

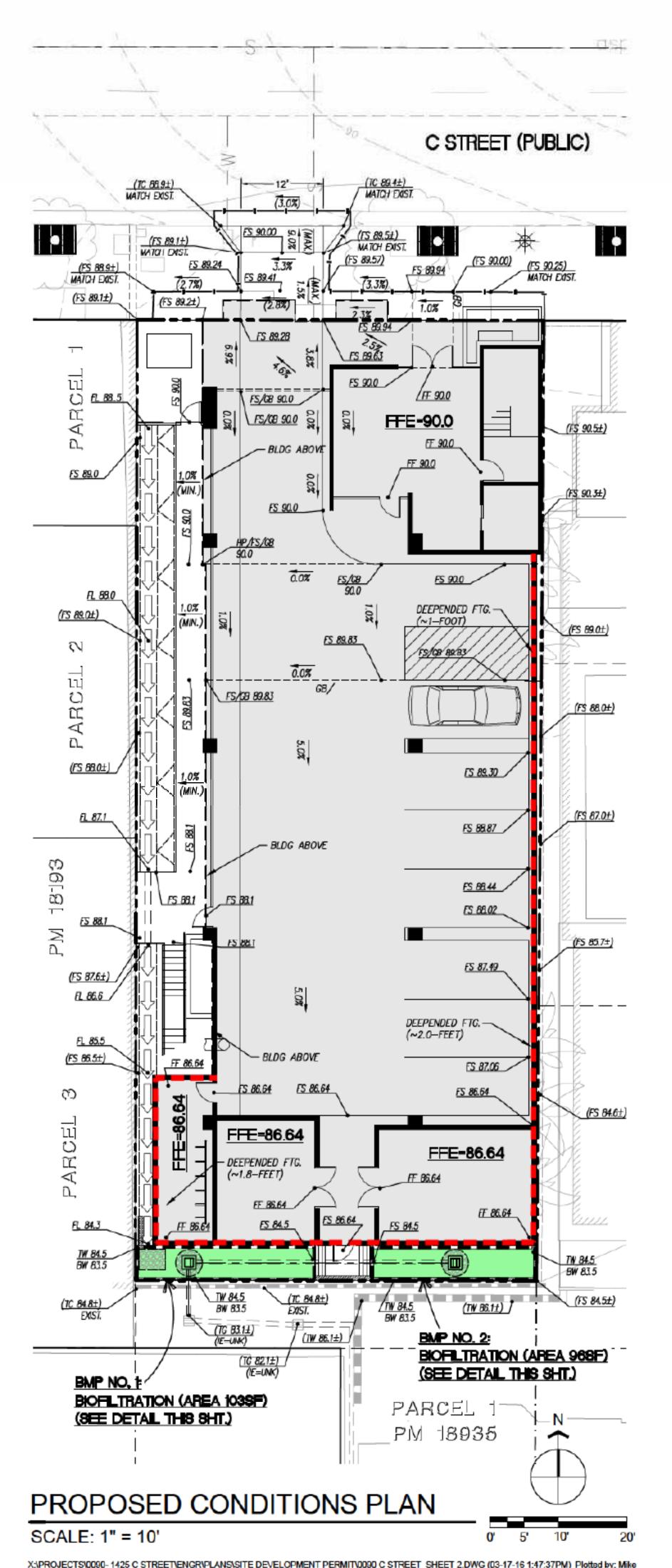
Civil Engineer: Kettler & Leweck

ENGINEERING 303 A STREET, SUITE 302 SAN DIEGO, CA 92101 t: 619 269-3444 | f: 619 269-3459 www.kettlerleweck.com



**EXISTING** CONDITION PLAN C1.0

Sheet Number



Appendix B: Storm Water Pollutant Control Hydrologic Calculations and Sizing Methods

#### Worksheet B.5-1: Simple Sizing Method for Biofiltration BMPs

	Simple Sizing Method for Biofiltration BMPs	Wattisheet 8	illia i
1	Remaining DCV after implementing retention BMPs	303 (*)	cubic-feet
Par	tial Retention		
2	Infiltration rate from Worksheet D.5-1 if partial infiltration is feasible		in/hr.
3	Allowable drawdown time for aggregate storage below the underdrain	36	hours
4	Depth of runoff that can be infiltrated [Line 2 x Line 3]		inches
5	Aggregate pore space	0.40	in/in
6	Required depth of gravel below the underdrain [Line 4/ Line 5]		inches
7	Assumed surface area of the biofiltration BMP		sq-ft
8	Media retained pore space	0.1	in/in
9	Volume retained by BMP [[Line 4 + (Line 12 x Line 8)]/12] x Line 7		cubic-feet
10	DCV that requires biofiltration [Line 1 – Line 9]	303 (*)	cubic-feet
ВМ	IP Parameters		
11	Surface Ponding [6 inch minimum, 12 inch maximum]	12 (*)	inches
12	Media Thickness [18 inches minimum]	18 (*)	inches
13	Aggregate Storage above underdrain invert (12 inches typical) — use 0 inches for sizing if the aggregate is not over the entire bottom surface area	12 (*)	inches
14	Media available pore space	0.2	in/in
15	Media filtration rate to be used for sizing	5	in/hr.
Bas	seline Calculations		
16	Allowable Routing Time for sizing	6	hours
17	Depth filtered during storm [Line 15 x Line 16]	30	inches
18	Depth of Detention Storage [Line 11 + (Line 12 x Line 14) + (Line 13 x Line 5)]	20.4 (*)	inches
19	Total Depth Treated [Line 17 + Line 18]	50.4 (*)	inches
Op	tion 1 – Biofilter 1.5 times the DCV		
20	Required biofiltered volume [1.5 x Line 10]	454 (*)	cubic-feet
21	Required Footprint [Line 20/ Line 19] x 12	108 (*)	sq-ft
Ор	tion 2 - Store 0.75 of remaining DCV in pores and ponding		
22	Required Storage (surface + pores) Volume [0.75 x Line 10]	227 (*)	cubic-feet
23	Required Footprint [Line 22/ Line 18] x 12	134 (*)	sq-ft
Foo	otprint of the BMP		
24	Area draining to the BMP	8278 (*)	sq-ft
25	Adjusted Runoff Factor for drainage area (Refer to Appendix B.1 and B.2)	0.78 (*)	
26	Minimum BMP Footprint [Line 24 x Line 25 x 0.03]	(195 (+)	sq-ft
27 !	Footprint of the BMP = Maximum(Minimum(Line 21, Line 23), Line 26) sq-ft		

the required biofiltration footprint (either Line 21 or Line 23)

(*) SEE WORKSHEET THIS SHEET

(+) MIN. AREA REQUIRED FOR TREATMENT ONLY (I.E. NO HYDROMODIFICATION) NOTE: BOTTOM AREA CURRENTLY "AVAILABLE" IN PLANTING AREAS PER PLAN = 660 SF±

#### GRADING INFORMATION

THE TOTAL SITE AREA IS ---- SQ-FT (--- AC) THE TOTAL AMOUNT OF SITE TO BE GRADED: --- SQ-FT (--- AC)

THE TOTAL AMOUNT OF SITE AREA: --- % E THE AMOUNT OF GEOMETRIC CUT IS --- C.Y. THE MAXIMUM DEPTH OF OUT IS ---FEET. THE AMOUNT OF GEOMETRIC FILL IS ---C.Y. THE MAXIMUM DEPTH OF FILL IS ---FEET. THE MAXIMUM HEIGHT OF CUT SLOPE IS ---FEET.

10. THE MAXIMUM GRADIENT OF ALL CUT

AND FILL SLOPES: 4:1. THE AMOUNT OF GEOMETRIC EXPORT IS --- C.Y. 12. THE LENGTH OF PROPOSED RETAINING WALLS: · LINEAR FEET.

THE MAXIMUM HEIGHT OF FILL SLOPE IS ----FEET.

 THE MAXIMUM HEIGHT OF PROPOSED RETAINING WALL (MEASURED FROM TW TO TF) IS ----FEET. NOTE: THE CUT AND FILL QUANTITIES SHOWN ABOVE ARE GEOMETRIC ONLY AND DO NOT INCLUDE ADJUSTMENTS FOR BULKING, SHRINKING, PAVEMENT UNDERCUTS, FOUNDATION SPOILS, ETC.

#### KEYED NOTES

(#) TBD

(#) TBD

ŒU ŒU

(#) TBO

PROPOSED WATER

SITE IMPROVEMENTS PA DENOTES PLANTING AREA (SEE LANDSCAPE PLANS) 1 SITE VISIBILITY TRIANGLES

PROPOSED SEWER (SI) PROPOSED PRIVATE SEWER LATERAL (S2) PROPOSED PRIVATE SEWER MAIN (#) TBD

(5-FOOT P.O.C., 3' MIN COVER)

PROPOSED STORM DRAIN (DI) PROPOSED PRIVATE STORM DRAIN (ROOF DRAIN)

Design Capture Volume (Draft June Manual)

1,201

7,077

8,278

Biofiltration (Worksheet B.5-1)

Pervious, sf

mpervious, sf

<u>dma summary</u>

DMA 1 1,201 SF 6,547 SF

DMA 2 N/A N/A

DMA PERVIOUS IMPERVIOUS TOTAL AREA

(SDEWALK

(F1) PROPOSED PRIVATE FIRE SERVICE

(5-F00T P.O.C., 3' MIN COVER)

0.55 in Appendix B, Figure B.1-1 0.19 ac Total DMA Area (acres)

0.78 C=(imp*0.9+Per*.01)/Total DMA

Per Plan

Per Plan

Per Plan

See Worksheet

8,278 SF

303 cf DCV=C*(85%/12)*(Total DMA*43560)

(#) 1BD **(**₱) 180 (M) PROPOSED PRIVATE WATER SERVICE (#) TBD ♠ TBD **(**₱) TBD

(#) ⊺BD

) TBD

#### - CATCH BASIN (BROOKS BOX OR APPROVED EQUAL) (SEE PLAN FOR LOCATION) CRUSHED ROCK RETENTION AREA SHALL BE GRAVITY WALL LEVEL AND DEPRESSED A MINIMUM OF 12" (MIN.) FROM THE SURROUNDING GRADE GRANTY WALL . 18" MIN. ENGINEERED SOIL (SEE NOTE 1 BELOW) 4" PERFORATED PVC PIPE ~. WRAPPED IN FILTER FABRIC (NOTE: PLACE WITH PERFORATIONS AT THE INVERT) 12" MN. (SEE NOTE 2 BELOW) IMPERMEABLE LINER -A. 2-3" OF 3/8" GRAVEL CONNECT TO SOLID WALLED! PVC PIPE (SEE PLAN) B. 2-3" COVER OVER PIPE BIORETENTION DETAIL

C. 3/4" CRUSHED ROCK

#### **BIORETENTION NOTES**

BIORETENTION "ENGINEERED SOIL" LAYER SHALL BE MINIMUM 18" DEEP "SANDY LOAM" SOIL MIX WITH NO MORE THAN 5% CLAY CONTENT. THE MIX SHALL CONTAIN 50-60% SAND, 20-30% COMPOST OR HARDWOOD MULCH, AND 20-30% TOPSOIL

CALCULATIONS. SEE PLAN FOR BOTTOM AREA AND ELEVATION.

3/4" CRUSHED ROCK LAYER SHALL BE A MINIMUM OF 12" BUT MAY BE DEEPENED TO INCREASE THE INFILTRATION AND STORAGE ABILITY OF THE BASIN. 3. THE EFFECTIVE AREA OF THE BASIN SHALL BE LEVEL AND SHALL BE SIZED BASED ON CITY STORMWATER MANUAL

(A) DEEP ROOTED, DENSE, DROUGHT TOLERANT PLANTING SUITABLE FOR WELL DRAINED SOIL; PLANTING SCHEDULE AS FOLLOWS (PER LANDSCAPE PLANS);

NOT TO SCALE

COMMON NAME

SMALL CAPE RUSH

CALIFORNIA GRAY RUSH

CANYON PRINCE WILD RYE

SCIENTIFIC NAME CHONDROPTAELUM TECTORUM JUNCUS PATENS LEYMUS CONDENSATUS "CANYON PRINCE"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMP'S AND FOR PERMANENT POST CONSTRUCTION TREATMENT CONTROL PERMANENT BMP'S, THE STORM WATER QUALITY MANAGEMENT PLAN (SWOMP) IF APPLICABLE.
- 2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- 4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- 5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- 8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- 11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- 12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- 13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- 14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- 15. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.
- 16. FOR MORE INFORMATION ON BOTH TEMPORARY CONSTRUCTION AND PERMANENT POST CONSTRUCTION STORM WATER QUALITY BMP'S, PLEASE REFER TO KETTLER AND LEWECK ENGINEERING FINAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND FINAL STORM WATER QUALITY MANAGEMENT PLAN (SWQMP), BOTH REPORTS DATED _____

#### ADDITIONAL NOTES

- SIDEWALK AND STREET IMMEDIATELY ADJACENT TO CONSTRUCTION DRIVEWAY TO BE SWEPT CLEAN OF SEDIMENT AND DEBRIS DAILY OR AS NECESSARY TO MINIMIZE SEDIMENT ENTERING PUBLIC STORM DRAIN SYSTEM.
- 2. CONTRACTOR TO REFER TO THE SWPPP AND STORM WATER QUALITY MANAGEMENT PLAN (SWOMP) FOR STATE/CITY BMP'S.
- ALL GRADED, DISTURBED OR ERODED AREAS THAT WILL NOT BE PERMANENTLY PAVED OR COVERED BY STRUCTURES SHALL BE PERMANENTLY REVEGETATED AND IRRIGATED AS SHOWN IN TABLE 142-04F AND IN ACCORDANCE WITH THE STANDARDS IN THE SAN DIEGO MUNICIPAL CODE, SECTION 142.0411. ALL REQUIRED REVEGETATION AND EROSION CONTROL SHALL BE COMPLETED WITHIN 90 CALENDAR DAYS OF THE COMPLETION OF GRADING OR DISTURBANCE.
- INTERIM BINDER NOTE: GRADED, DISTURBED, OR ERODED AREAS TO BE TREATED WITH A NON-IRRIGATED HYDROSEED MIX SHALL RECEIVE AN INTERIM BINDER/TRACKIFIER AS NEEDED BETWEEN APRIL 2 AND AUGUST 31 FOR DUST-EROSION CONTROL WITH SUSEQUENT APPLICATION OF HYDROSEED MIX DURING THE RAINY SEASON BETWEEN OCTOBER 1 AND APRIL 1.

#### STORM WATER PROTECTION NOTES

1. THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. ______ AND RISK LEVEL/TYPE;

■ WPCP ☐ CGP RISK LEVEL 1 ☐ CGP LUP TYPE 1 ☐ CGP RISK LEVEL 2 ☐ CGP LUP TYPE 2 ☐ CGP RISK LEVEL 3 ☐ CGP LUP TYPE 3

CHECK ONE ■ THIS PROJECT WILL EXCEED THE MAXIMUM DISTURBED AREA LIMIT, THEREFORE A WEATHER TRIGGERED ACTION PLAN (WTAP) IS REQUIRED. ☐ THIS PROJECT WILL FOLLOW PHASED GRADING

NOT APPLICABLE

3. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE WPCP AS APPLICABLE.

NOT TO EXCEED FIVE (5) ACRES PER PHASE.

#### GENERAL NOTES:

- THE PROPOSED FINISH GRADING SHOWN HEREON IS PRELIMINARY ONLY AND NOT FOR
- CONSTRUCTION. THE EXISTING IMPROVEMENTS LOCATED ON—SITE ARE ALL PRIVATE.

- ALL EXISTING ON—SITE DRAINAGE FACILITIES ARE PRIVATE AND ARE TO REMAIN.
  ALL PROPOSED ON—SITE DRAINAGE FACILITIES ARE PRIVATE.
  - THE PROJECT'S DEVELOPED STORM WATER RUNOFF IS CONSISTENT WITH EXISTING CONDITION (I.E. THERE IS NOT AN INCREASE IN STORM RUNOFF DUE TO THE DEVELOPMENT OF THE PROJECT).

#### PRIVATE WATER AND SEWER:

- 1. WATER AND SEWER IMPROVEMENTS FOR THE BUILDING WILL BE PROVIDED FROM THE EXISTING
- PRIVATE UTILITIES ALREADY ON THE PROPERTY. PRIOR TO CONNECTING TO ANY EXISTING SEWER LATERAL(s), THE LATERAL SHALL BE INSPECTED USING A CLOSED-CIRCUIT TELEVISION (CCTV) BY A CALIFORNIA LICENSED PLUMBING CONTRACTOR TO
- VERIFY THE LATERAL IS IN GOOD WORKING CONDITION AND FREE OF ALL DEBRIS. A PLUMBING PERMIT SHALL BE REQUIRED FOR THE INSTALLATION OF APPROPRIATE PRIVATE BACK FLOW PREVENTION DEVICES (BFPDs) ON EACH WATER SERVICE (DOMESTIC, FIRE, AND IRRIGATION). THE BFPDs SHALL BE LOCATED ABOVE GROUND ON PRIVATE PROPERTY, IN LINE WITH THE SERVICE
- AND IMMEDIATELY ADJACENT TO THE RIGHT-OF-WAY. 4. NO TREES OR SHRUBS EXCEEDING THREE FEET IN HEIGHT AT MATURITY SHALL BE INSTALLED WITHIN TEN FEET OF ANY PUBLIC SEWER AND FIVE FEET OF ANY PUBLIC WATER FACILITY.

#### WATER QUALITY AND HYDROMODIFICATION:

- THE PROPOSED PROJECT SHALL RESULT IN NO INCREASE IN PEAK STORM RUNOFF. REFER TO THE PROJECT'S DRAINAGE STUDY.
- THE PROJECT IS EXEMPT FROM THE STATE'S HYDRO-MODIFICATION REQUIREMENTS AS THE SITE IS
- HARD-LINED DIRECTLY TO SAN DIEGO BAY. 3. THE PROPOSED FINISH GRADING AND DRAINAGE DESIGN INCLUDES DIRECTING RUNOFF ON THE SURFACE TO NATURAL BMPS (I.E. BIOFILTRATION BASINS) WHERE IT WILL BE TREATED BEFORE
- DISCHARGING OFFSITE. THE FINAL DESIGN OF THE BMPS WILL OCCUR DURING THE FORMAL BUILDING PERMIT PHASE.
- PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT, THE OWNER SHALL ENTER INTO A MAINTENANCE AGREEMENT FOR THE ONGOING PERMANENT BMP MAINTENANCE
- PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT, THE OWNER SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICE NECESSARY TO COMPLY WITH CHAPTER 14, ARTICLE 2, DIVISION 1 (GRADING REGULATIONS) OF THE SAN DIEGO MUNICIPAL CODE, INTO THE CONSTRUCTION PLANS AND/OR SPECIFICATIONS.

#### COVERAGE DATA

IMPERVIOUS AREAS TBD SF PERVIOUS AREAS TBD SF TOTAL AREA TBD SF PROPOSED CONDITION IMPERVIOUS AREAS TBD SF PERVIOUS AREAS TBD SF TOTAL AREA TBD SF DELTA IMPERVIOUS AREAS TBD SF PERVIOUS AREAS TBD SF PERVIOUS AREAS TBD SF	EXISTING CONDITION	
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DELTA IMPERVIOUS AREAS TBD SF	PERVIOUS AREAS	TBD SF
IMPERVIOUS AREAS TBD SF	TOTAL AREA	1BD SF
	DELTA	
PERVIOUS AREAS TRD SF	IMPERVIOUS AREAS	TBD SF
	PERVIOUS AREAS	TBD SF

M.W. STEELE GROUP ARCHITECTURE | PLANNING 1805 NEWTON AVE | SUITE A SAN DIEGO | CA | 92113 TELEPHONE 619 230 0325 www.mwsteele.com

# The Beacon

1425 C St San Diego, CA 92101

Property Owner & Developer: Wakeland Housing and Development Corp. 1230 Columbia St

Suite 950 San Diego, CA 92101 Contact: Jonathan Taylor Phone: 619.326.6212

#### Architect:

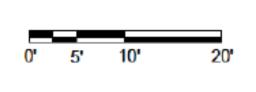
M.W. Steele Group 1805 Newton Ave Suite A San Diego, CA 92113 Contact: Diego Velasco Phone: 619.230.0325 x4237

Original Date: Checked: NOT FOR CONSTRUCTION

1523

Project Number:

SHEET SIZE: 24" x 36" DO NOT SCALE DRAWINGS



Civil Engineer:





PROPOSED CONDITION PLAN

Sheet Number



City of San Diego Development Services 1222 FIRE AVE., MS-302 San Diego, CA 92101 (619) 446-5000

## Storm Water Requirements DS-560 Applicability Checklist FERRUARY 2018

Project Number (for City Use Only):

roject	Address:		

1425 C STREET, SAN DIEGO, CA 92101

SECTION 1. Construction Storm Water BMP Requirements:

All construction sites are required to implement construction BMPs in accordance with the performance standards in the Storm Water Standards Manual. Some sites are additionally required to obtain coverage under the State Construction General Permit (CGP)¹, which is administered by the State Water Resources Control Board.

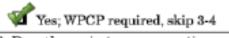
For all project complete PART A: If project is required to submit a SWPPP or WPCP, continue to PART B.

#### PART A: Determine Construction Phase Storm Water Requirements.

1. Is the project subject to California's statewide General NPDES permit for Storm Water Discharges Associated with Construction Activities, also known as the State Construction General Permit (CGP)? (Typically projects with land disturbance greater than or equal to 1 acre.)

Yes; SWPPP required, skip questions 2-4 Yo; next question

2. Does the project propose construction or demolition activity, including but not limited to, clearing, grading, grubbing, excavation, or any other activity that results in ground disturbance and contact with storm water runoff?



No; next question

Does the project propose routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of the facility? (Projects such as pipeline/utility replacement)

Yes; WPCP required, skip 4

No; next question

4. Does the project only include the following Permit types listed below? Electrical Permit, Fire Alarm Permit, Fire Sprinkler Permit, Plumbing Permit, Sign Permit, Mechanical Permit, Spa Permit.

· Individual Right of Way Permits that exclusively include only ONE of the following activities: water service, sewer lateral, or utility service.

 Right of Way Permits with a project footprint less than 150 linear feet that exclusively include only ONE of the following activities: curb ramp, sidewalk and driveway apron replacement, pot holing, curb and gutter replacement, and retaining wall encroachments.

 ☐ Yes; no document required

Check one of the boxes to the right, and continue to PART B:

If you checked "Yes" for question 1, a SWPPP is REQUIRED. Continue to PART B

If you checked "No" for question 1, and checked "Yes" for question 2 or 3, a WPCP is REQUIRED. If the project proposes less than 5,000 square feet of ground disturbance AND has less than a δ-foot elevation change over the entire project area, a Minor WPCP may be required instead. Continue to PART B.

If you checked "No" for all questions 1-3, and checked "Yes" for question 4 PART B does not apply and no document is required. Continue to Section 2.

#### 1. More information on the City's construction BMP requirements as well as CGP requirements can be found at:

www.sandiago.gov/stormwitter/requiations/indocshtml

Printed on recycled paper. Visit our web site at <a href="https://www.sandiego.gov/development-services">www.sandiego.gov/development-services</a>. Upon request, this information is available in alternative formats for persons with disabilities. DS-560 (02-16)

City of San Diego • Development Services Department • Storm Water Requirements Applicability Checklist Page 3 of 4

#### PART D: PDP Exempt Requirements.

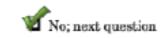
PDP Exempt projects are required to implement site design and source control BMPs.

If "yes" was checked for any questions in Part D, continue to Part F and check the box labeled "PDP Exempt."

#### If "no" was checked for all questions in Part D, continue to Part E.

- Does the project ONLY include new or retrofit sidewalks, bicycle lanes, or trails that:
- Are designed and constructed to direct storm water runoff to adjacent vegetated areas, or other non-erodible permeable areas? Or;
- Are designed and constructed to be hydraulically disconnected from paved streets and roads? Or:
- Are designed and constructed with permeable pavements or surfaces in accordance with the Green Streets guidance in the City's Storm Water Standards manual?

☐ Yes; PDP exempt requirements apply



2. Does the project ONLY include retrofitting or redeveloping existing paved alleys, streets or roads designed and constructed in accordance with the Green Streets guidance in the <u>City's Storm Water Standards Manual</u>?

☐ Yes; PDP exempt requirements apply ☐ No; project not exempt. PDP requirements apply

Storm Water Quality Management Plan (SWQMP).

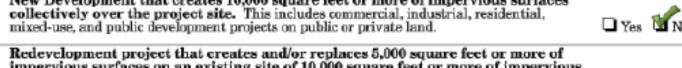


PART E: Determine if Project is a Priority Development Project (PDP). Projects that match one of the definitions below are subject to additional requirements including preparation of a

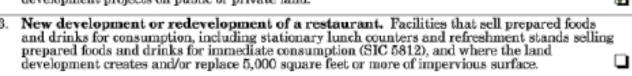
If "yes" is checked for any number in PART E, continue to PART F.

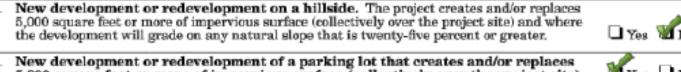
If "no" is checked for every number in PART E, continue to PART F and check the box labeled "Standard Development Project".

New Development that creates 10,000 square feet or more of impervious surfaces



impervious surfaces on an existing site of 10,000 square feet or more of impervious surfaces. This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.





5.	New development or redevelopment of a parking lot that creates and/or replaces 5,000 square feet or more of impervious surface (collectively over the project site).	Yes	<b>0</b> ;
ŝ.	New development or redevelopment of streets, roads, highways, freeways, and		-

New development or redevelopment of streets, roads, highways, freeways, and driveways. The project creates and/or replaces 5,000 square feet or more of impervious surface (collectively over the project site).

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#### PART B: Determine Construction Site Priorit

This prioritization must be completed within this form, noted on the plans, and included in the SWPPP or WPCP. The city reserves the right to adjust the priority of projects both before and after construction. Construction projects are assigned an inspection frequency based on if the project has a "high threat to water quality." The City has aligned the local definition of "high threat to water quality" to the risk determination approach of the State Construction General Permit (CGP). The CGP determines risk level based on project specific sediment risk and receiving water risk. Additional inspection is required for projects within the Areas of Special Biological Significance (ASBS) watershed. NOTE: The construction priority does NOT change construction BMP requirements that apply to projects; rather, it determines the frequency of inspections that will be conducted by city staff.

#### Complete PART B and continued to Section 2

Projects located in the ASBS watershed.

2. High Priority

> a. Projects 1 acre or more determined to be Risk Level 2 or Risk Level 3 per the Construction General Permit and not located in the ASBS watershed

> b. Projects 1 acre or more determined to be LUP Type 2 or LUP Type 3 per the Construction General Permit and not located in the ASBS watershed.

3. Medium Priority

Projects 1 acre or more but not subject to an ASBS or high priority designation.

b. Projects determined to be Risk Level 1 or LUP Type 1 per the Construction General Permit and not located in the ASBS watershed.

Low Priority

a. Projects requiring a Water Pollution Control Plan but not subject to ASBS, high, or medium

#### SECTION 2. Permanent Storm Water BMP Requirements.

Additional information for determining the requirements is found in the Storm Water Standards Manual.

PART C: Determine if Not Subject to Permanent Storm Water Requirements. Projects that are considered maintenance, or otherwise not categorized as "new development projects" or "redevelopment projects" according to the Storm Water Standards Manual are not subject to Permanent Storm Water

If "yes" is checked for any number in Part C, proceed to Part F and check "Not Subject to Permanent Storm Water BMP Requirements".

If "no" is checked for all of the numbers in Part C continue to Part D.

ı	1 Does the project only include interior remodels and/or is the project entirely within an
ı	1. Does the project only include interior remodels and/or is the project entirely within an
ı	<ol> <li>Does the project only include interior remodels and/or is the project entirely within an existing enclosed structure and does not have the potential to contact storm water?</li> </ol>
ı	Processor and the second secon

Does the project only include the construction of overhead or underground utilities without creating new impervious surfaces?



Does the project fall under routine maintenance? Examples include, but are not limited to: roof or exterior structure surface replacement, resurfacing or reconfiguring surface parking lots or existing roadways without expanding the impervious footprint, and routine replacement of damaged pavement (grinding, overlay, and pethole repair).

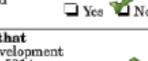


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New development or redevelopment discharging directly to an Environmentally Sensitive Area. The project creates and/or replaces 2,500 square feet of impervious surface (collectively over project site), and discharges directly to an Environmentally Sensitive Area (ESA), "Discharging directly to" includes flow that is conveyed overland a distance of 200 feet or less from the project to the ESA, or conveyed in a pipe or open channel any distance as an isolated flow from the project to the ESA (i.e. not commingled with flows from adjacent



 New development or redevelopment projects of a retail gasoline outlet (RGO) that create and/or replaces 5,000 square feet of impervious surface. The development project meets the following criteria: (a) 5,000 square feet or more or (b) has a projected Average Daily Traffic (ADT) of 100 or more vehicles per day.



 New development or redevelopment projects of an automotive repair shops that
creates and/or replaces 5,000 square feet or more of impervious surfaces. Development
projects categorized in any one of Standard Industrial Classification (SIC) codes 5013, 5014, 5541, 7532-7534, or 7536-7539. 10. Other Pollutant Generating Project. The project is not covered in the categories above, results in the disturbance of one or more acres of land and is expected to generate pollutants post construction, such as fertilizers and pesticides. This does not include projects creating less than 5,000 sf of impervious surface and where added landscaping does not require regular use of pesticides and fertilizers, such as slope stabilization using native plants. Calculation of



the square footage of impervious surface need not include linear pathways that are for infrequent vehicle use, such as emergency maintenance access or bicycle pedestrian use, if they are built with pervious surfaces of if they sheet flow to surrounding pervious surfaces.



PART F: Select the appropriate category based on the outcomes of PART C through PART E.

1.	The project is NOT SUBJECT TO STORM WATER REQUIREMENTS.	
2.	The project is a <b>STANDARD DEVELOPMENT PROJECT</b> . Site design and source control BMP requirements apply. See the <u>Storm Water Standards Manual</u> for guidance.	
3.	The project is <b>PDP EXEMPT</b> . Site design and source control BMP requirements apply. See the <u>Storm Water Standards Manual</u> for guidance.	
4.	The project is a <b>PRIORITY DEVELOPMENT PROJECT</b> . Site design, source control, and structural pollutant control BMP requirements apply. See the <u>Storm Water Standards Manual</u> for guidance on determining if project requires a hydromodification plan management	W



Name of Owner or Agent (Please Print):

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Title:

M.W. STEELE GROUP ARCHITECTURE | PLANNING 1805 NEWTON AVE | SUITE A SAN DIEGO | CA | 92113 TELEPHONE 619 230 0325 www.mwsteele.com

# The Beacon

1425 C St San Diego, CA 92101

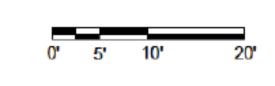
Property Owner & Developer: Wakeland Housing and Development Corp. 1230 Columbia St Suite 950

San Diego, CA 92101 Contact: Jonathan Taylor Phone: 619.326.6212

Architect: M.W. Steele Group 1805 Newton Ave

Suite A San Diego, CA 92113 Contact: Diego Velasco Phone: 619.230.0325 x4237 Project Number: 1523 Original Date: Checked:

NOT FOR CONSTRUCTION SHEET SIZE: 24" x 36" DO NOT SCALE DRAWINGS



Civil Engineer:



SWAC

Sheet Number

Signature: