

ALL PROPOSED FENCE/WALL NOT TO EXCEED 6'-0" RETAINING WALL WITH 42" OPEN RAILING ABOVE.	1
ALL ROOF RUN-OFF & DECKS TO DRAIN DIRECTLY INTO SETTLING BASIN WHERE POSSIBLE. SEE CIVIL SHEETS.	l
ALL LANDSCAPE AREAS ARE TO BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM.	4
MAX. FENCE HT. 42" IN FRONT SETBACK	5
PROVIDE CONDUIT FROM ROOF TO THE ELECTRIC SERVICE PANEL TO ACCOMMODATE SOLAR INSTALLATION(S) PER H.B.M.C. SECTION 15.32.140	
	1
	[
	Ī
	١,

ГН	DEVELOPMENT PROGRAM					-	ΓABLE
	PROJECT LOCATION: 620 9TH STREET LEGAL DESCRIPTION: PORTION OF LOT 7 OF SECOND ADDITION HERMOSA BEACH						
ı	TRACT MAP, IN THE CITY OF HERMOSA BEACH, COUNTY OF					SHT.NO.	
			STATE OF CALIFOR BOOK 3, PAGES 11-				
					R OF SAID COUNTY.	A400	0
	ASSESSOR PARCEL NO.: ZONING:	4187-028-003	Y RESIDENTIAL			A100	Covere
	SCOPE OF WORK:	NEW: THREE CO				A101	Basem
	GENERAL BUILDING INFORMATION					A102	First FI
		"UNIT A"	UNIT "B"	UNIT "	C"	A103	Second
10	GARAGE (INTERIOR DIMENSIONS)	17'-6" X 20'-0"	18'-0" X 20'-0"	18'-0")	X 20'-0"	A104	Third F
	BASEMENT LIVING AREA	206		239			-
	1ST LEVEL LIVING AREA DECKS/BALCONIES	520	105	616		A105	Roof D
	2ND LEVEL LIVING AREA	1146	1195	1172		A106	Exterio
	DECKS/BALCONIES 3RD LEVEL LIVING AREA	78 1063	723	52 968		A107	Exterio
	DECKS/BALCONIES ROOF DECK	202 582	201 391	315 474		A108	Exterio
						A109	Site Se
	TOTAL LIVING AREA TOTAL DECKS/BALCONIES	2935 862	2023 592	2995 841	=7 <u>953</u> =2295	A110	Unit Se
	NO. OF BEDROOMS NO. OF BATHROOMS	3 3.5	3 2.5	4 3.5		A111	Living Basem
	ZONING INFORMATION					4440	
			DECUIDED		DDO\#DED	A112	Landso
	AREA:		REQUIRED		PROVIDED	A113	Survey
	LOT AREA PER DWELLING LOT COVERAGE	UNIT	1750 SQF./D.U. 65.0%		1802 SQF./D.U. 65.0%		
	YARDS:		05.0%		03.0%		
	FRONT		5.0'		6.5'		
	SIDE REAR		5.0' 5.0' / 3.0'		5.0'/6.0' 7.93'		
			-				
	PARKING AND DRIVEWAYS: NUMBER OF SPACES		6		6		
	GUEST SPACES		2		4	\sim 1	
	PARKING SETBACK		17'-0''		17'-0''	G	ENER
	PARKING STALL DIMENSION	ONS	8'-6" X 20'-0"		17'-6" X 20'-0" 18'-0" X 20'-0"		
	TURNING AREA						
	DRIVEWAY WIDTH DRIVEWAY MAXIMUM SLO	DE	9'-0" 12.5%		9'-0" 01 TO 11 20%	OCCUPANCY	GROUP
	DUINEMAT MAYIMUM 2FO	FE	12.5%		.01 TO 11.29%	TYPE OF CO	NST
	OPEN SPACE:						
	ON GRADE DECKS/BALCONIES		1018 SQ.FT.		1018 SQ.FT.	NO. OF STORIES	
	TOTAL		900 SQ.FT.		1018 SQ.FT. NO OF UN		S
			(300 SQ.FT./D.U.)		(302 - UNIT A) (301 - UNIT B)	ZONING DES	
					(415 - UNIT C)	ZOMINO DES	·•

SHT.NO.	SHT. NAME
A100	Covered Sheet, Site Plan, Project Data
A101	Basement Floor Level
A102	First Floor Level
A103	Second Floor Level
A104	Third Floor Level
A105	Roof Deck Level, Critical Points
A106	Exterior Elevations
A107	Exterior Elevations
A108	Exterior Perspectives
A109	Site Sections
A110	Unit Sections
A111	Living Area, Lot Coverage, Open Space Basement Calculations
A112	Landscape Plan
A113	Survey by Others

DESIGN + BUILD 2212 PACIFIC COAST HWY. HERMOSA BEACH CA 90254 PHONE: 310-937-8081 FAX: 310-937-8089 LANEDESIGNBUILD.COM

SHT. CONTENT

Plan Site ata Sovered Sheet, Sovered Project Da

Ŏ

CLIENT

AREA BREAKDOWN

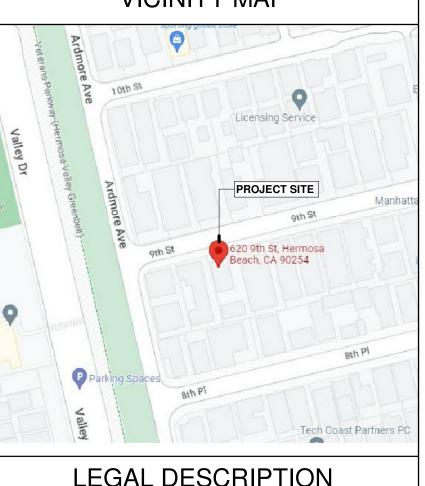
— 3 + BASEMENT

3 UNITS

----- R-2

LOT AREA	541	3.00 SQ.FT.	
LOT COVERAGE MA LOT COVERAGE PR	3518.45 SQ.FT. 3513.42 SQ.FT.		
	UNIT A	UNIT B	UNIT C
BASEMENT	206		239
FIRST	520	105	616
SECOND	1146	1195	1172
THIRD	1063 "2935"	723 "2023"	968 "2995"
	2935	2023	2995
		TOTAL: 795	3.00 SQ.FT.
BALCONIES:			
SECOND FLOOR	78		52
THIRD FLOOR	202	201	315
ROOF DECK	582	391	474
	"862"	"592"	"841"
		TOTAL:229	5.00 SQ.FT.
0051100105			
<u>OPEN SPACE:</u> THIRD FLOOR	202	201	315
ROOF DECK	100	201 100	100
NOOF BLOK	"302"	"301"	"415"
	302	301	715
		TOTAL:101	8.00 SQ.FT.
GARAGE AREA	430	418	389
		TOTAL:123	7.00 SQ.FT.

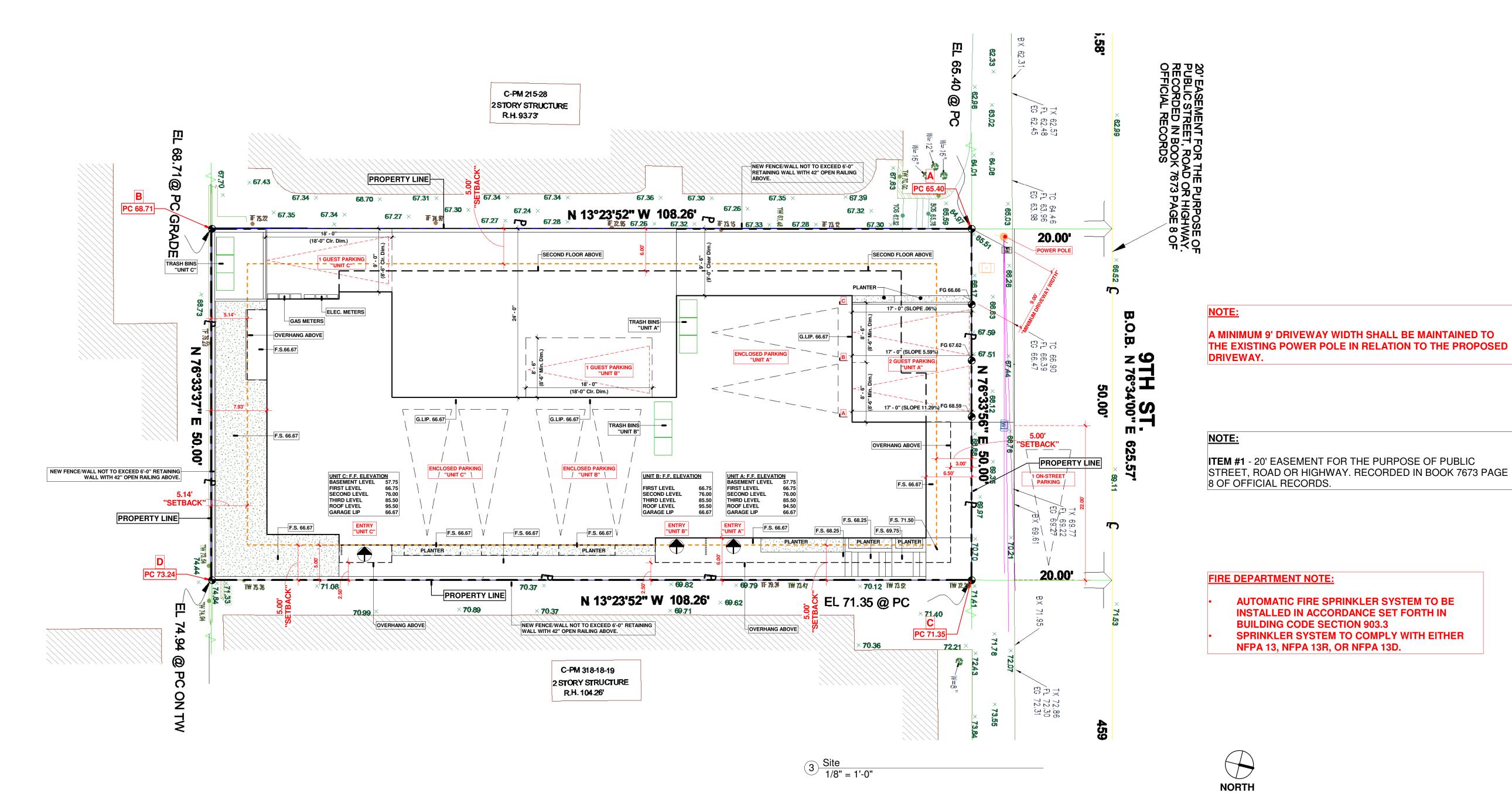




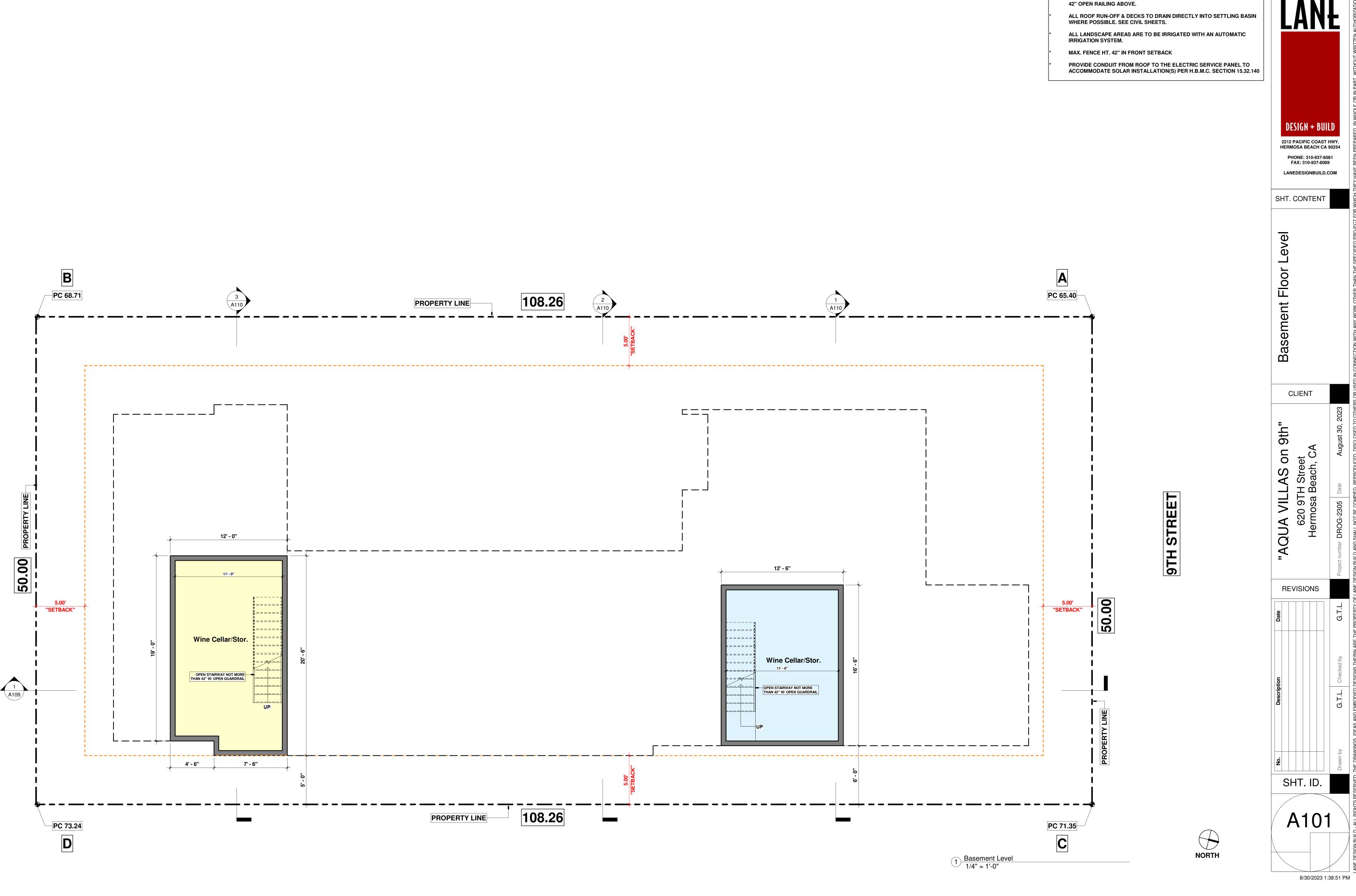
LEGAL DESCRIPTION

VICINIT	Y MAP
Ardmore Ave Ardmore Ave	PROJECT SITE Manha 9th St 620 9th St, Hermosa Beach, CA 90254 Tech Coast Partners Pr
I FGAL DES	CRIPTION

A100



LOT 32, BLOCK 4 TRACT NO. 10019 M.B. 182-1-13 APN 7502-006-010



ALL PROPOSED FENCE/WALL NOT TO EXCEED 6'-0" RETAINING WALL WITH

ALL LANDSCAPE AREAS ARE TO BE IRRIGATED WITH AN AUTOMATIC **IRRIGATION SYSTEM.**

MAX. FENCE HT. 42" IN FRONT SETBACK

PROVIDE CONDUIT FROM ROOF TO THE ELECTRIC SERVICE PANEL TO ACCOMMODATE SOLAR INSTALLATION(S) PER H.B.M.C. SECTION 15.32.140

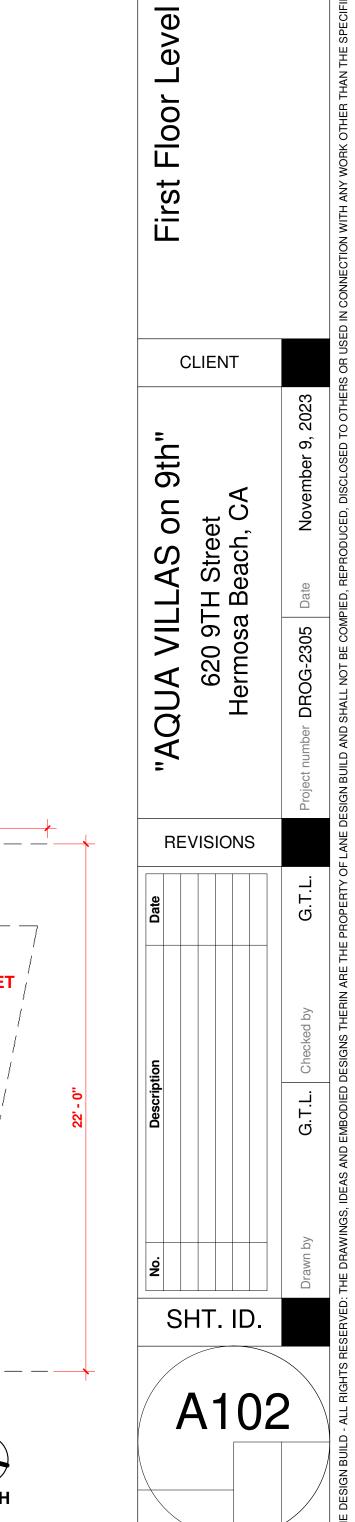
A MINIMUM 9' DRIVEWAY WIDTH SHALL BE MAINTAINED TO THE EXISTING POWER POLE IN RELATION TO THE PROPOSED DRIVEWAY.

DESIGN + BUILD 2212 PACIFIC COAST HWY.

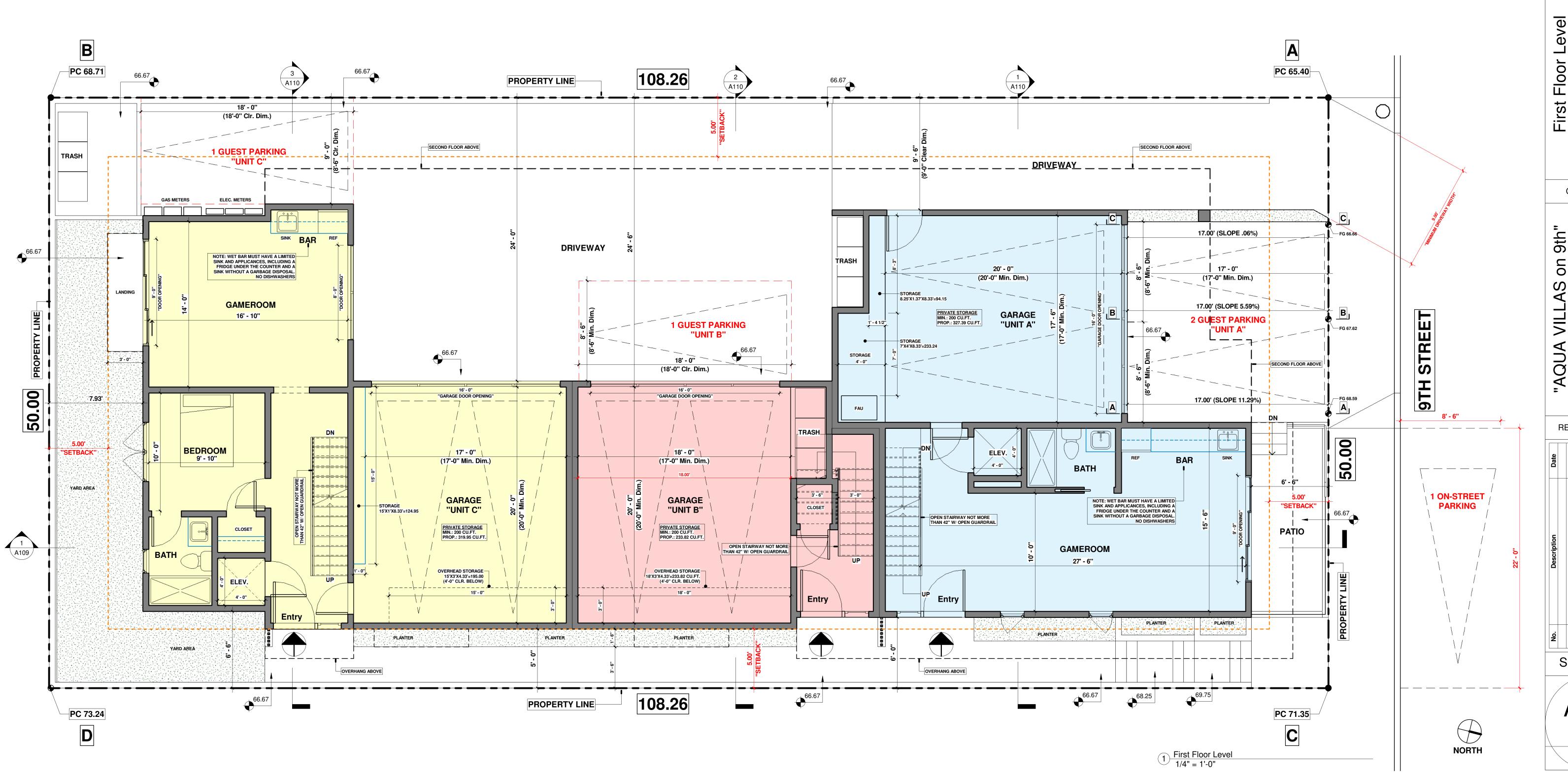
HERMOSA BEACH CA 90254

PHONE: 310-937-8081 FAX: 310-937-8089 LANEDESIGNBUILD.COM

SHT. CONTENT



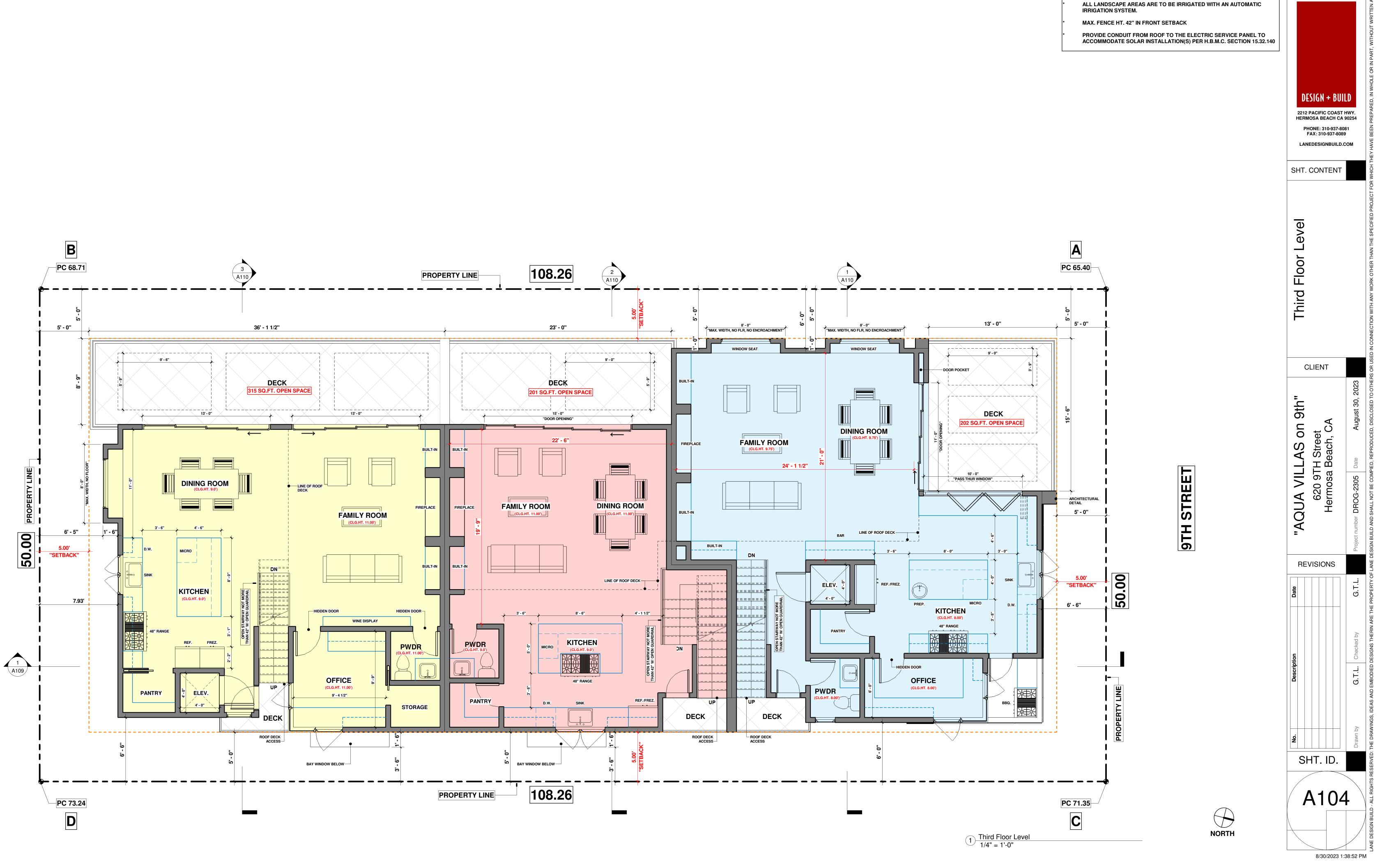
11/9/2023 1:08:44 PM





ALL PROPOSED FENCE/WALL NOT TO EXCEED 6'-0" RETAINING WALL WITH

42" OPEN RAILING ABOVE.



LANE

ALL PROPOSED FENCE/WALL NOT TO EXCEED 6'-0" RETAINING WALL WITH

ALL ROOF RUN-OFF & DECKS TO DRAIN DIRECTLY INTO SETTLING BASIN WHERE POSSIBLE. SEE CIVIL SHEETS.

42" OPEN RAILING ABOVE.

Critical Heigh	t Calculation For:	620 9TH S	T. Critical Heigh	t Calculation For:
Elev. Pt. A	65.4		Elev. Pt. A	
Elev. Pt. B	68.71		Elev. Pt. B	6
Length A-B	108.26		Length A-B	10
Length A-AB'	103.12		Length A-AB'	
	Elev. AB':	68.552847		Elev. AB':
Elev. Pt. C	71.35		Elev. Pt. C	7
Elev. Pt. D	73.24		Elev. Pt. D	7
Length C-D	108.26		Length C-D	10
Length C-CD'	103.12		Length C-CD'	
	Elev.CD':	73.150266		Elev.CD':
Length AB'-CD'	50		Length AB'-CD'	
Length AB'-CP6	3		Length AB'-CP5	1
	Elev. CP1:	68.828692		Elev. CP1:
Height Limit	30		Height Limit	
Max. Ht. @ CP6:	98.83		Max. Ht. @ CP5:	9
Prop. Ht. @ CP6:	97		Prop. Ht. @ CP5:	
	•			

Elev. Pt. A	65.4	
Elev. Pt. B	68.71	
Length A-B	108.26	
Length A-AB'	37.5	
	Elev. AB':	66.546545
Elev. Pt. C	71.35	
Elev. Pt. D	73.24	
Length C-D	108.26	
Length C-CD'	37.5	
	Elev.CD':	72.004674
Length AB'-CD'	50	
Length AB'-CP4	25.58	
	Elev. CP1:	69.338924
Height Limit	30	
Max. Ht. @ CP4:	99.34	
Prop. Ht. @ CP4:	99	

620 9TH ST.

67.9224

72.790283

69.261068

68.71 108.26

71.35 73.24 108.26 82.5

13.75

99.26

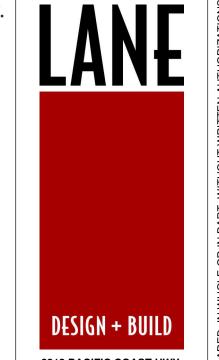
Elev. Pt. A	65.4	
Elev. Pt. B	68.71	
Length A-B	108.26	
Length A-AB'	44.12	
	Elev. AB':	66.748949
Elev. Pt. C	71.35	
Elev. Pt. D	73.24	
Length C-D	108.26	
Length C-CD'	44.12	
	Elev.CD':	72.120246
Length AB'-CD'	50	
Length AB'-CP3	3	
	Elev. CP1:	67.071227
Height Limit	30	
Max. Ht. @ CP3:	97.07	
Prop. Ht. @ CP3:	97	

Critical Height Calculation For:

Elev. Pt. A	65.4	
Elev. Pt. B	68.71	
Length A-B	108.26	
Length A-AB'	6.71	
	Elev. AB':	65.605155
Elev. Pt. C	71.35	
Elev. Pt. D	73.24	
Length C-D	108.26	
Length C-CD'	6.71	
	Elev.CD':	71.467143
Length AB'-CD'	50	
Length AB'-CP2	20.71	
	Elev. CP1:	68.033191
Height Limit	30	
Max. Ht. @ CP2:	98.03	
Prop. Ht. @ CP2:	98	

Elev. Pt. A	65.4	
Elev. Pt. B	68.71	
Length A-B	108.26	
Length A-AB'	5	
	Elev. AB':	65.55287
Elev. Pt. C	71.35	
Elev. Pt. D	73.24	
Length C-D	108.26	
Length C-CD'	5	
	Elev.CD':	71.4372
Length AB'-CD'	50	
Length AB'-CP1	5	
	Elev. CP1:	66.1413
Height Limit	30	
Max. Ht. @ CP1:	<u>96.14</u>	
Prop. Ht. @ CP1:	96	

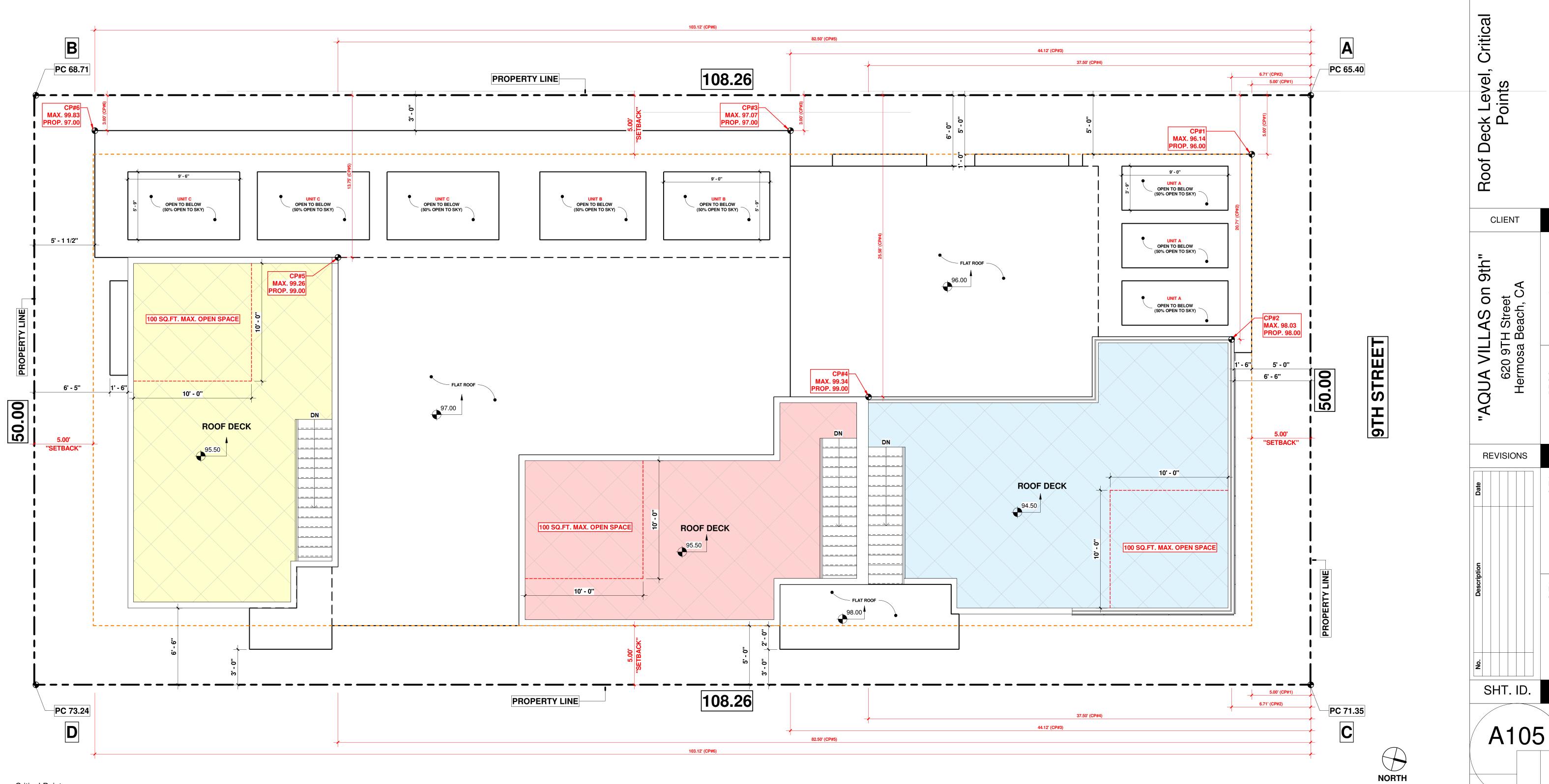
Critical Height Calculation For:



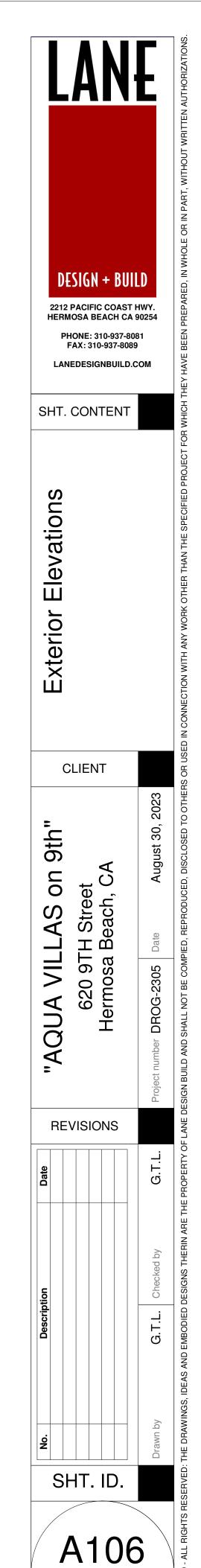
2212 PACIFIC COAST HWY. HERMOSA BEACH CA 90254 PHONE: 310-937-8081 FAX: 310-937-8089

LANEDESIGNBUILD.COM SHT. CONTENT

8/30/2023 1:38:53 PM



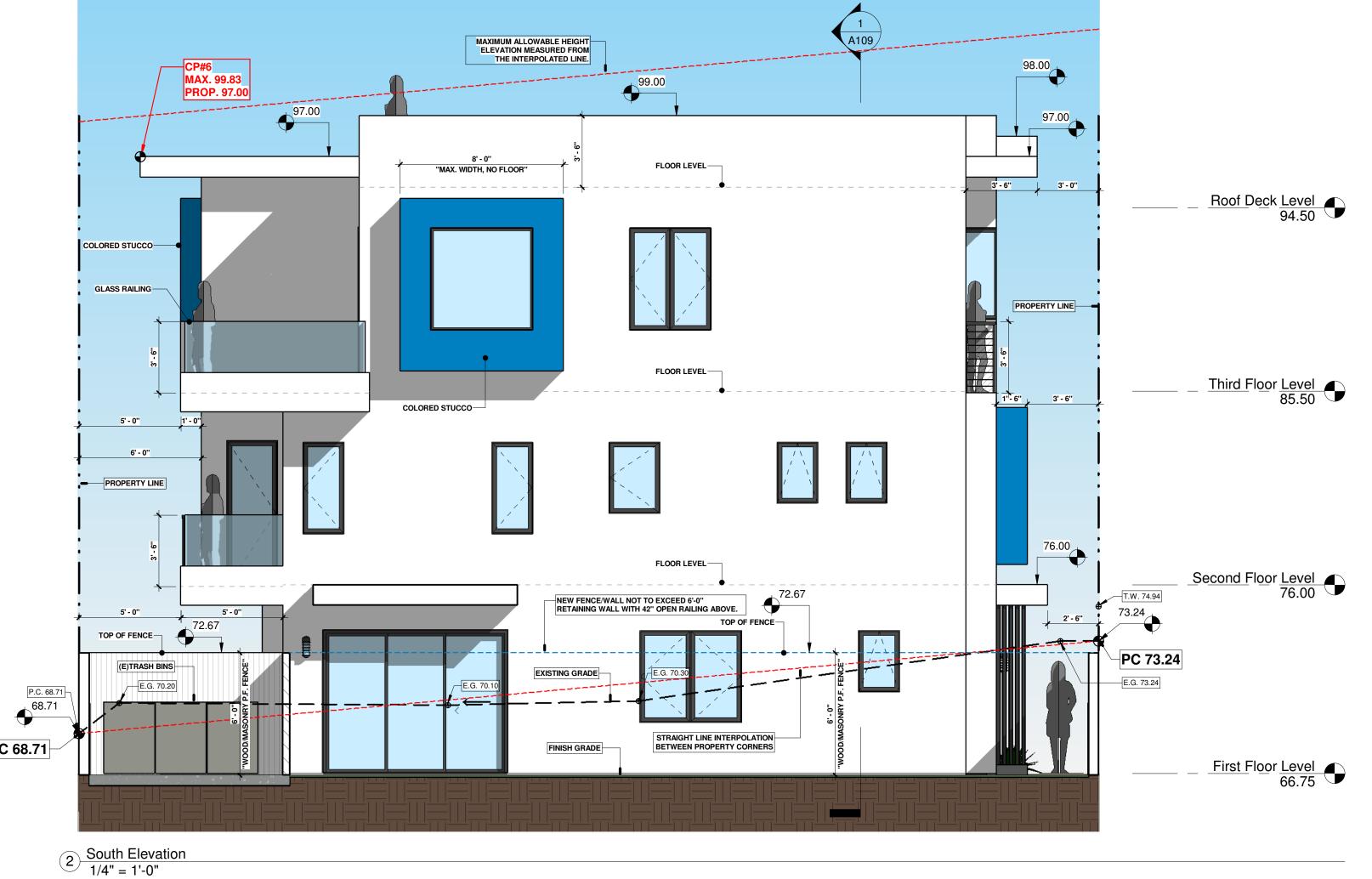




8/30/2023 1:38:55 PM



 $1 \frac{\text{West Elevation}}{1/4" = 1'-0"}$



DESIGN + BUILD

2212 PACIFIC COAST HWY. HERMOSA BEACH CA 90254

PHONE: 310-937-8081 FAX: 310-937-8089 LANEDESIGNBUILD.COM

SHT. CONTENT

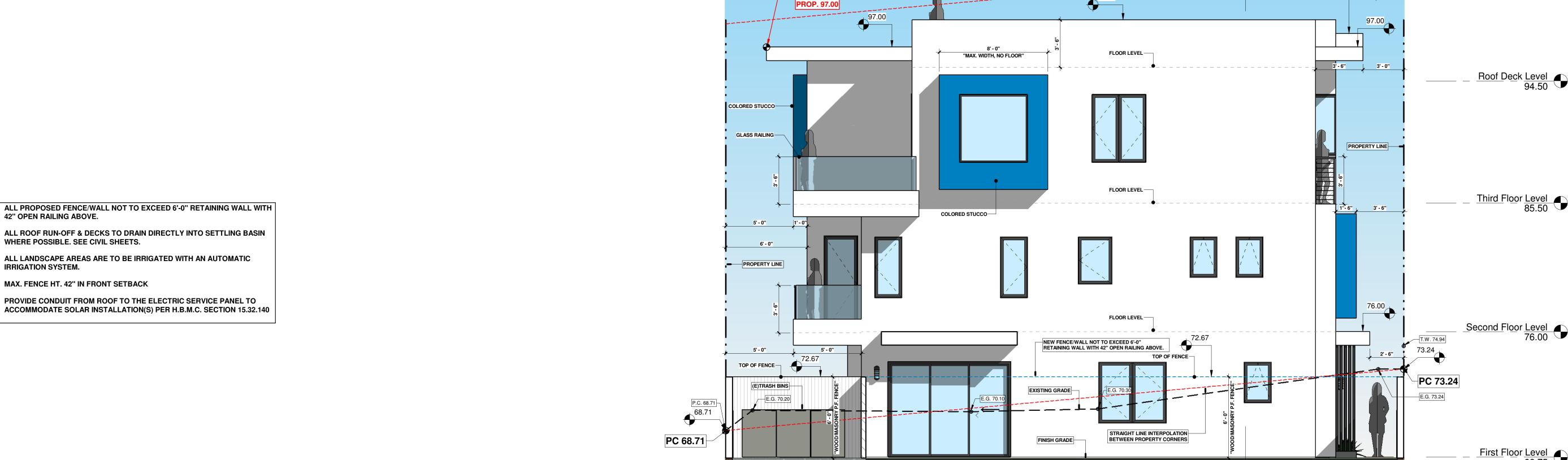
CLIENT

on 9th"

"AQUA

REVISIONS

8/30/2023 1:38:57 PM









North-East View

DESIGN + BUILD 2212 PACIFIC COAST HWY. HERMOSA BEACH CA 90254 PHONE: 310-937-8081 FAX: 310-937-8089 LANEDESIGNBUILD.COM

SHT. CONTENT

CLIENT

"AQUA VILLAS on 9th" 620 9TH Street Hermosa Beach, CA

REVISIONS

SHT. ID.

A108

8/30/2023 1:38:59 PM



1 Section Site Section
1/4" = 1'-0"

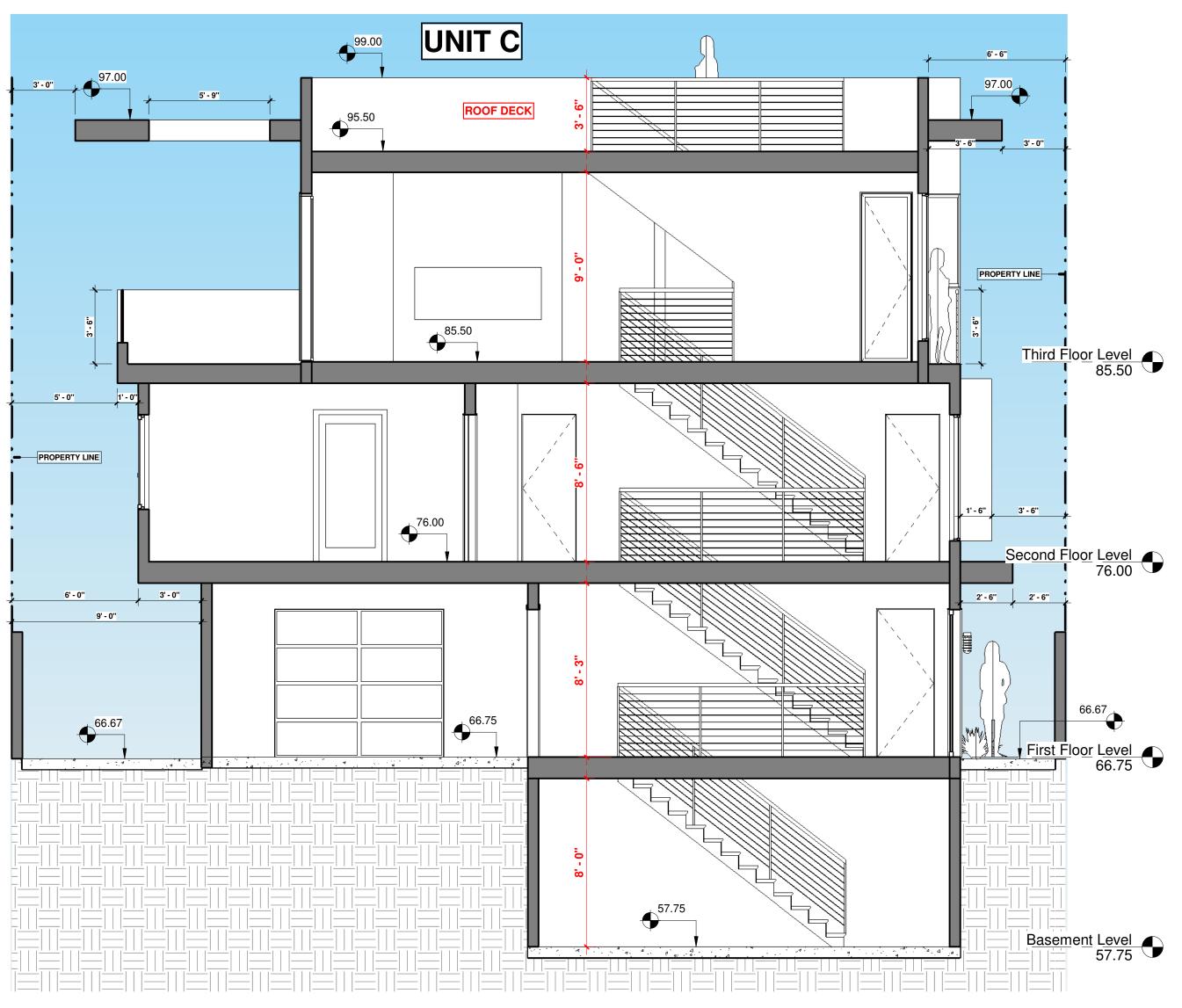
DESIGN + BUILD 2212 PACIFIC COAST HWY. HERMOSA BEACH CA 90254 PHONE: 310-937-8081 FAX: 310-937-8089 LANEDESIGNBUILD.COM SHT. CONTENT Site Sections CLIENT "AQUA VILLAS on 9th" 620 9TH Street Hermosa Beach, CA REVISIONS

G.T.L. Checked by

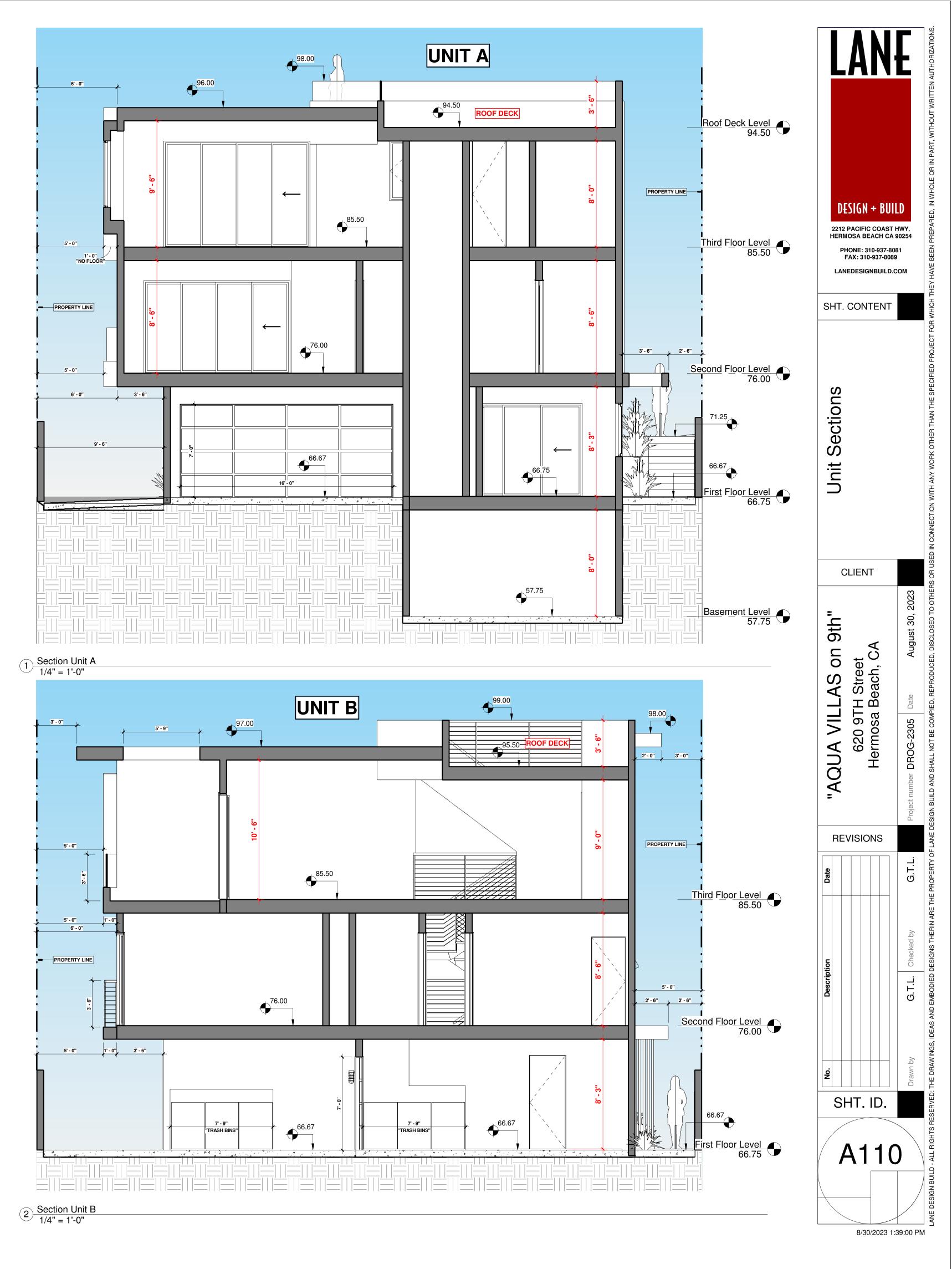
SHT. ID.

A109

8/30/2023 1:38:59 PM



3 Section Unit C 1/4" = 1'-0"







ALL PROPOSED FENCE/WALL NOT TO EXCEED 6'-0" RETAINING WALL WITH 42" OPEN RAILING ABOVE.

ALL ROOF RUN-OFF & DECKS TO DRAIN DIRECTLY INTO SETTLING BASIN WHERE POSSIBLE. SEE CIVIL SHEETS.

ALL LANDSCAPE AREAS ARE TO BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM.

MAX. FENCE HT. 42" IN FRONT SETBACK

PROVIDE CONDUIT FROM ROOF TO THE ELECTRIC SERVICE PANEL TO ACCOMMODATE SOLAR INSTALLATION(S) PER H.B.M.C. SECTION 15.32.140

SYMBOL	VEGETATION TYPE:	BOTANICAL NAME:	COMMON NAME:	REGIONAL EVALUTIONS WATER NEEDS:	SIZE:	DIAMETER (PLANTING/MATURED):	HEIGHT(PLANTING/MATURED):	QUANTITY:
	GcP	DYMONDIA MARGARETAE	DYMONDIA	LOW	FLATS	20"	2-3 IN	379 SQ.FT. "REAR YARD"
8	GNA	FESTUCA CALIFORNIA & CVS.	CALIFORNIA FESCUE	LOW		24"	24"	18 "SIDEYARD PLANTER"
8	GRASSES	MUHLENBERGIA RIGENS	DEERGRASS	LOW		48"	48"	18 "SIDEYARD/DRIVEWAY PLANTER"

1265.00 SQ.FT.

AREA CALCULATION:

LOT AREA: 5406.00 SQ.FT.

BUILDING FOOTPRINT: 2499.00 SQ.FT. 46.

TOTAL EXTERIOR SURFACE AREA 2907.00 SQ.FT. (5406 - 249

NON-PERMEABLE AREA:

WALKWAYS/CONCRETE STEPS/DRIVEWAY

PERMEABLE AREA:

A: 1642.00 SQ.FT. 5

FRONT/SIDEYARD PLANTERS,
PERMEABLE CONCRETE DRIVEWAY

IRRIGATION SYSTEM & SPECIFICATIONS: WATER EFFICIENT AUTOMATIC IRRIGATION SYSTEM W/ EVAPOTRANSPIRATION WITH A RAIN

SHUT-OFF SENSOR. DRIP IRRIGATION EMITTERS SHALL EMIT NO MORE THAN (2) GALLONS PER

MUHLENBERGIA RIGENS

"DEERGRASS"

NOTE: SEE C-SHEETS AND DRAINAGE (LID) PLAN FOR MORE INFORMATION.

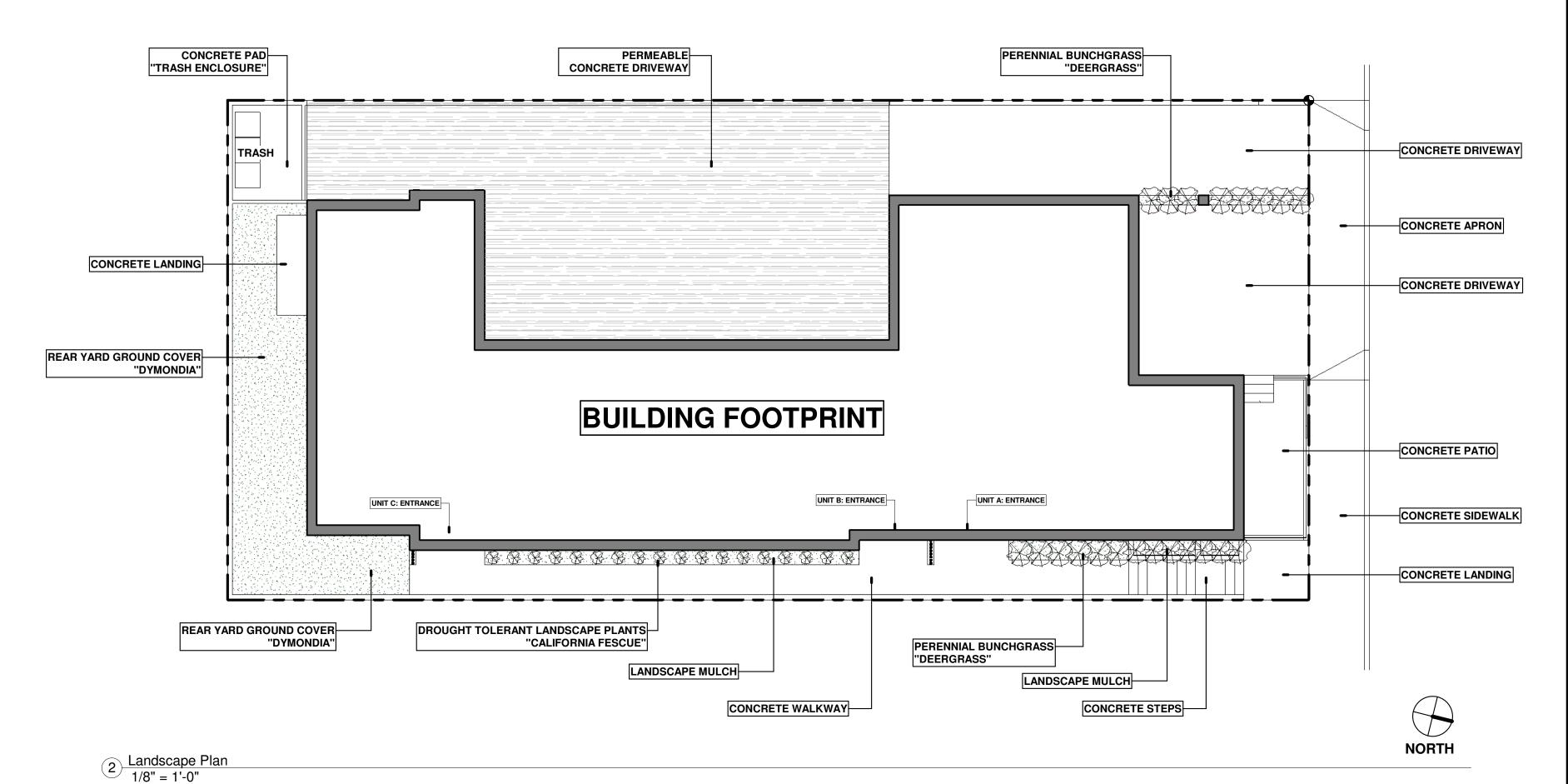


DYMONDIA MARGARETAE "DYMONDIA"



FESTUCA CALIFORNICA
"CALIFORNIA FESCUE"





8.56.070 Water conservation requirements.

The following water conservation requirements shall apply to all persons:

A. Landscaping.

- 1. Watering hours and duration. No lawn or landscaped area shall be irrigated or watered by any means between the hours of 9:00 a.m. and 6:00 p.m. on any day. Above-ground spray irrigation or watering shall not exceed fifteen (15) minutes per irrigation station or area. This provision shall not apply to drip irrigation systems, use of a hand-held bucket or similar container, use of a hand-held hose equipped with a positive action quick-release shutoff valve or nozzle, irrigation necessary to establish newly planted low water usage plants, or water expended for limited periods of time necessary for irrigation system maintenance or leak repair.

 2. Over-watering: No lawn or landscaped area shall be irrigated or watered to the point where excess water ponds, sprays or runs off the lawn or landscaped area onto any walkways, sidewalks, driveways, streets,
- 3. Irrigation during rainfall: No lawn or landscaped area shall be irrigated or watered during rainfall or within 24 hours after measurable rainfall.
- 4. Landscape maintenance: All lawns and landscaping shall be regularly maintained to reduce water use by such methods as aerating, thatching and mulching.
- 5. Landscape irrigation system maintenance: Landscape irrigation systems shall be regularly inspected, maintained and repaired to eliminate leaks, remove obstructions to water emission devices and eliminate over spraying.

B. Pools and spas. New pools and spas shall be equipped with a cover. Not later than July 1, 2012, all existing pools and spas shall be constructed, installed or equipped with a cover. Pools and spas shall be covered overnight and daily when use is concluded.

C. Water fountains and decorative water features. No person shall operate a fountain or other decorative water feature that does not recycle or re-circulate the water utilized by the device.

D. Cleaning. No person shall use water to wash or clean any sidewalks, walkways, patios, driveways, alleys, parking or similar areas, whether paved or unpaved; however, use of water brooms or pressure washers or similar low flow technology, or water recycling systems to clean these surfaces, is permitted. In no case shall such water run off the property or drain onto any walkways, sidewalks, streets, alleys or storm drains.

E. Car washing. No person shall use water to wash or clean any motorized or un-motorized vehicle, including, but not limited to, an automobile, truck, boat, van, bus, motorcycle, trailer or similar vehicle, except by use of a bucket or similar container or a hand-held hose equipped with a positive action quick-release shutoff valve or nozzle. This subsection shall not apply to any commercial car washing facility that uses a water recycling system to capture or reuse water.

F. Waste and leaks. No person shall:

- 1. Cause, permit or allow water to leak from any exterior or interior pine, become plumbing fixture
- Cause, permit or allow water to leak from any exterior or interior pipe, hose or plumbing fixture.
 Cause, permit or allow water to flow from any source on private or public property onto walkways, sidewalks, streets, alleys or storm drains, except as a result of rainfall or pumping excessive groundwater
- infiltration, such as by means of a sump pump.
- 3. The use of water for cleaning, washing and other uses shall be performed in an efficient manner to reduce waste and total water use.

8.60.060 Standards for new or rehabilitated landscapes.

New or rehabilitated landscape projects shall be designed and managed to use the minimum amount of water required to maintain plant health. New or rehabilitated landscape projects shall comply with all of the requirements of the Model Efficient Ordinance and the following, whichever is more restrictive, unless an exception is granted pursuant to Section 8.60.050(D).

A. Plant material.

- 1. Plant species and landscape design shall be adapted to the climate, soils, topographical conditions, and shall be able to withstand exposure to localized urban conditions such as pavement heat radiation, vehicle emissions and dust, and urban runoff. Water conserving plant and turf species shall be used.
- 2. Plant species or specifications shall comply with any official list of species, guidelines or regulations adopted by the City to the extent that such lists, guidelines or regulations do not conflict with this Chapter.

 3. Plants listed in the current Invasive Plant Inventory for the southwest region by the California Invasive Plant Council or similar source acceptable the Community Development Director are prohibited, except for known non-fruiting, non-invasive, sterile varieties or cultivars. Plants known to be susceptible to disease or pests in this Climate Zone six (6) shall not be used.
- 4. The landscape area of projects proposing exclusively commercial or industrial uses shall be designed using exclusively water conserving plants. There shall be no turf in non-residential areas. Single family residential, multi-family residential, mixed use and institutional use projects shall be designed with not more than twenty (20) percent of the total landscaped area in turf or high water use plants in the Water Use Classification for Landscape Species (WUCOLS). Turf may be used as a bio-swale or bio-filter or for functional purposes such as active recreational areas as determined by the Community Development Director.
- 5. Turf shall not be allowed on slopes greater than twenty (20) percent. Where the toe of the slope is adjacent to an impermeable surface, alternatives to turf should be considered on slopes exceeding twenty (20) percent, meaning one (1) foot of vertical elevation change for every four (5) feet of horizontal length. Approved turf areas may be watered at 1.0 of the reference evapotranspiration (ETo).
- 6. Planted areas shall be covered with a minimum of three (3) inches of organic mulch, except in areas covered by groundcovers or within twenty-four (24) inches of the base of a tree, or where a reduced application is indicated. Additional mulch material shall be added from time to time as necessary to maintain the required depth of mulch.
- 7. Species and landscape design shall complement and to the extent feasible in compliance with this Chapter be proportional to the surroundings and streetscape and incorporate deciduous trees to shade west and south exposures. Landscaping shall not interfere with safe sight distances for vehicular traffic, the vision clearance in Section 17.46.060, height restrictions for hedges in 17.46.130, pedestrian or bicycle ways, or overhead utility lines or lighting.

B. Water features, pools and spas.

- 1. Recirculating water systems shall be used for water features. Where available, recycled water shall be used as a source for decorative water features.
- 2. Pools and spas shall be equipped with a cover and covered overnight and daily when use is concluded.

C. Grading and runoff. Landscape design shall minimize soil erosion and

Public agencies shall be exempt from this requirement.

- 1. Grading plans shall avoid disruption of natural drainage patterns to the extent feasible.
- 2. Grading plans shall demonstrate that normal rainfall and irrigation will remain within the property lines and not drain onto impermeable surfaces, walkways, sidewalks, streets, alleys, gutters, or storm drains.

 3. Plans and construction shall protect against soil compaction within landscape areas.
- 4. Stormwater best management practices to minimize runoff, to increase on-site retention and infiltration, and control pollutants shall be incorporated into project plans. Rain gardens, cisterns, swales, structural soil, permeable pavement, connected landscape areas, and other landscape features and practices that increase onsite rainwater capture, storage and infiltration, emphasizing natural approaches over technology-based approaches that require ongoing maintenance, shall be considered during project design. Plans and practices shall comply with Chapter 8.44.

D. Irrigation systems.

- 1. An automatic irrigation system using either evapotranspiration or soil moisture sensor data, with a rain shut-off sensor, shall be installed. All irrigation emission devices must meet the requirements set in the American National Standards Institute (ANSI) standard, American Society of Agricultural and Biological Engineers'/International Code Council's (ASABE/ICC) 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard. All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.
- 2. An irrigation efficiency of 0.75 for overhead spray devices and 0.81 for drip systems shall be used for the purpose of determining Maximum Applied Water Allowance. Irrigation systems shall be designed, maintained, and managed to meet or exceed this efficiency. Landscapes using recycled water are considered Special Landscape Areas, where the ET Adjustment Factor shall not exceed 1.0.

 3. The irrigation system shall be designed to prevent water waste resulting in runoff, overspray, or similar conditions where irrigation water ponds or flows onto non-irrigated areas, walkways, sidewalks, streets, alleys,
- 3. The irrigation system shall be designed to prevent water waste resulting in runoff, overspray, or similar conditions where irrigation water ponds or flows onto non-irrigated areas, walkways, sidewalks, streets, alleys, gutters, storm drains, adjacent property, or similar untargeted areas. Runoff to other permeable or impermeable surfaces shall not be allowed.
- 4. Narrow or irregularly shaped areas, including turf less than eight (8) feet in width in any direction, shall be irrigated with subsurface irrigation or low volume above-ground irrigation system.
 5. Overhead irrigation shall not be permitted within two (2) feet of any impermeable surface. Drip, drip line, or other low flow non-spray technology shall be used.
 6. All sprinklers shall have matched precipitation rates within each valve and circuit. All irrigation systems shall be designed to include optimum distribution uniformity, head to head spacing, and setbacks from
- sidewalks, pavement and impermeable surfaces.

 7. All irrigation systems shall provide backflow prevention devices in accordance with the current edition of the California Building/Plumbing Code and check valves at the low end of irrigation lines to prevent upwanted draining of irrigation lines. Pressure regulators may be required if the pressure at the sprinkler head exceeds the manufacturer's recommended optimal operating pressure.
- unwanted draining of irrigation lines. Pressure regulators may be required if the pressure at the sprinkler head exceeds the manufacturer's recommended optimal operating pressure.

 8. Reclaimed water and graywater irrigation systems shall be used when reasonably feasible and shall conform to the current edition of the California Building/Plumbing Code, and all other applicable local, state and federal laws.

E. Irrigation system hydrozones.

- 1. The irrigation system shall conform to the hydrozones of the landscape design plan.
- 2. Each hydrozone shall have plant materials with similar water use, with the exception of hydrozones with plants of mixed water use where the plant factor of the higher water using plant is used for calculations. No hydrozone shall mix high and low water use plants.

 3. Sprinkler heads and other emission devices shall be appropriate for the plant type within that hydrozone. Where feasible, trees shall be placed on separate valves from turf, shrubs and groundcovers.
- 4. No landscape plan or restriction of any type, including those applicable to common interest developments such as condominiums, shall prohibit or include conditions that have the effect of prohibiting native or water conserving plants.

F. Landscape and irrigation maintenance.

- 1. All landscape and related elements shall be designed and properly maintained to insure long-term health and shall maintain conformance with the requirements of this Chapter.
- Irrigation scheduling shall be regulated by automatic irrigation controllers.
 Watering hours and duration shall be scheduled compliant with the requirements of Chapter 8.56.
- 4. A regular maintenance schedule shall include, but not be limited to, routine inspection, adjustment and repair of the irrigation system, aerating and dethatching turf areas, replenishing mulch, fertilizing, pruning, weeding and removing any obstruction to emission devices.

 5. Repair of all irrigation againment shall be promptly undertaken, using the originally installed companies, or equivalent or enhanced companies companies asserting with the irrigation events.
- 5. Repair of all irrigation equipment shall be promptly undertaken, using the originally installed components, or equivalent or enhanced components compatible with the irrigation system.
 6. Landscape areas shall be permanently maintained and kept free of weeds, debris and litter; plant materials shall be maintained in a healthy growing condition and diseased or dead plant materials shall be
- 6. Landscape areas shall be permanently maintained and kept free of weeds, debris and litter; plant materials shall be maintained in a healthy growing condition and diseased or dead plant materials shall be replaced, in kind, pursuant to the approved plans within thirty (30) days. Alternatively, diseased or dead plant materials may be replaced with plant materials that have low water needs, as rated in the current edition of the Water Use Classification of Landscape Species.
- 7. The use, storage and disposal of all landscape and lawn care products shall comply with all manufacturer's specifications and applicable laws, and minimize the discharge of pollutants to the environment.

G. Notwithstanding the requirements of this Section, landscape design and maintenance shall additionally comply with the requirements of Chapters 8.44 and 8.56, Title 17 (Zoning), any other applicable provisions of this code, and the requirements of a development permit, whichever is more restrictive.

not etion ir. s,

DESIGN + BUILD

PHONE: 310-937-8081 FAX: 310-937-8089

LANEDESIGNBUILD.COM

2212 PACIFIC COAST HWY

SHT. CONTENT

andscape Plar

CLIENT

GLIENI

VILL,

QUA

AS on 9th" Street each, CA

620 9TH Stree Hermosa Beach,

REVISIONS

Description Date

G.T.L. Checked by G.T.L.

SHT. ID.

A112

8/30/2023 1:39:01 PM

