

An aerial photograph of a city grid, likely a downtown area, with a dark, semi-transparent overlay. The text is centered in the middle of the image.

**SECTION F: HOTEL DEVELOPMENT
- CANYON GROUP**

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3D	B5	EXISTING STRUCTURES AND LAND USES
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PJR ITEM	NO. #	
NONE	C	SECTION C: FOR-RENT RESIDENTIAL COMMUNITY - BURBANK HOUSING
7	C1	PRELIMINARY ARCHITECTURAL PLANS
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2-Jul	SHOWN ON C2 SHEETS	ALL MECHANICAL EQUIPMENT , EXTERIOR LIGHTS, TRASH ENCLOSURES, AND OTHER EXTERIOR STRUCTURES
7-2A		PROPOSED FENCING AND WALLS
3-Jul	C3	CROSS-SECTIONS FOR EACH STRUCTURE AND THE BUILDING'S HEIGHT
6	C4	PRELIMINARY SITE GRADING AND DRAINAGE PLAN
8A	C5	PRELIMINARY LANDSCAPE PLANS
8B	C6	PRELIMINARY PLANTING SELECTIONS
10	C7	PRELIMINARY LIGHTING PLANS
11	C8	PARKING PLAN:
7-1 AND 12	C9	MATERIALS AND COLORS

PJR ITEM	NO. #	
NONE	D	SECTION D: FOR-SALE RESIDENTIAL COMMUNITY - CITY VENTURES
7	D1	PRELIMINARY ARCHITECTURAL PLANS
7	D2	PRELIMINARY ARCHITECTURAL ELEVATIONS WITH DIMENSIONED HEIGHTS. REFER TO MATERIALS SHEET FOR MATERIALS.
2-Jul	SHOWN ON D2 SHEETS	ALL MECHANICAL EQUIPMENT , EXTERIOR LIGHTS, TRASH ENCLOSURES, AND OTHER EXTERIOR STRUCTURES
7-2A		PROPOSED FENCING AND WALLS
3-Jul	D3	CROSS-SECTIONS FOR EACH STRUCTURE AND THE BUILDING'S HEIGHT
6	D4	PRELIMINARY SITE GRADING AND DRAINAGE PLAN
8A	D5	PRELIMINARY LANDSCAPE PLANS
8B	D6	PRELIMINARY PLANTING SELECTIONS
10	D7	PRELIMINARY LIGHTING PLANS
11	D8	PARKING PLAN:
7-1 AND 12	D9	MATERIALS AND COLORS

PJR ITEM	NO. #	
NONE	NONE	SECTION E: CONTINUING CARE RESIDENTIAL COMMUNITY - SRG
7	E1	PRELIMINARY ARCHITECTURAL PLANS
7	E2	PRELIMINARY ARCHITECTURAL ELEVATIONS WITH DIMENSIONED HEIGHTS. REFER TO MATERIALS SHEET FOR MATERIALS.
2-Jul	SHOWN ON E2 SHEETS	ALL MECHANICAL EQUIPMENT , EXTERIOR LIGHTS, TRASH ENCLOSURES, AND OTHER EXTERIOR STRUCTURES
7-2A		PROPOSED FENCING AND WALLS
3-Jul	E3	CROSS-SECTIONS FOR EACH STRUCTURE AND THE BUILDING'S HEIGHT
6	E4	PRELIMINARY SITE GRADING AND DRAINAGE PLAN
8A	E5	PRELIMINARY LANDSCAPE PLANS
8B	E6	PRELIMINARY PLANTING SELECTIONS
10	E7	PRELIMINARY LIGHTING PLANS
11	E8	PARKING PLAN:
7-1 AND 12	E9	MATERIALS AND COLORS

PJR ITEM	NO. #	
NONE	F	SECTION F: HOTEL DEVELOPMENT - CANYON GROUP
7	F1	PRELIMINARY ARCHITECTURAL PLANS
7	F2	PRELIMINARY ARCHITECTURAL ELEVATIONS WITH DIMENSIONED HEIGHTS. REFER TO MATERIALS SHEET FOR MATERIALS.
2-Jul	SHOWN ON F2 SHEETS	ALL MECHANICAL EQUIPMENT , EXTERIOR LIGHTS, TRASH ENCLOSURES, AND OTHER EXTERIOR STRUCTURES
7-2A		PROPOSED FENCING AND WALLS
3-Jul	F3	CROSS-SECTIONS FOR EACH STRUCTURE AND THE BUILDING'S HEIGHT
6	F4	PRELIMINARY SITE GRADING AND DRAINAGE PLAN
8A	F5	PRELIMINARY LANDSCAPE PLANS
8B	F6	PRELIMINARY PLANTING SELECTIONS
10	F7	PRELIMINARY LIGHTING PLANS
11	F8	PARKING PLAN:
7-1 AND 12	F9	MATERIALS AND COLORS

PJR ITEM	NO. #	
NONE	G	SECTION G: RETAIL / DAYCARE PARCEL & VOCATIONAL TRAINING PARCEL
7	G1	PRELIMINARY ARCHITECTURAL PLANS
7	G2	PRELIMINARY ARCHITECTURAL ELEVATIONS WITH DIMENSIONED HEIGHTS. REFER TO MATERIALS SHEET FOR MATERIALS.
2-Jul	SHOWN ON G2 SHEETS	ALL MECHANICAL EQUIPMENT , EXTERIOR LIGHTS, TRASH ENCLOSURES, AND OTHER EXTERIOR STRUCTURES
7-2A		PROPOSED FENCING AND WALLS
3-Jul	G3	CROSS-SECTIONS FOR EACH STRUCTURE AND THE BUILDING'S HEIGHT
6	G4	PRELIMINARY SITE GRADING AND DRAINAGE PLAN
8A	G5	PRELIMINARY LANDSCAPE PLANS
8B	G6	PRELIMINARY PLANTING SELECTIONS
10	G7	PRELIMINARY LIGHTING PLANS
11	G8	PARKING PLAN:
7-1 AND 12	G9	MATERIALS AND COLORS



HOTEL PROGRAM AREA SUMMARY

	UNITS	AREA (SQFT)
GUESTROOMS	119	81,900 sf
BRANDED RESIDENTIAL	20	55,000 sf
LOBBY & OTHER FRONT OF HOUSE		2,550 sf
FOOD & BEVERAGE		4,850 sf
MEETING SPACES		8,800 sf
SPA, FITNESS & AMENITIES		11,800 sf
BACK OF HOUSE AND CIRCULATION		31,200 sf
TOTAL	139	196,100 sf
BASEMENT PARKING		32,243 sf
TOTAL WITH BASEMENT PARKING		228,343 sf



LEGEND

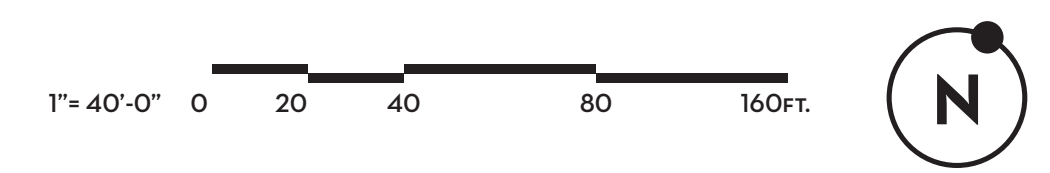
- HORIZONTAL CIRCULATION
- VERTICAL CIRCULATION
- GUESTROOMS
- F+B OUTLETS
- SPA / FITNESS
- ARRIVAL PAVILION
- RESIDENTIAL & POOL HOUSE
- RESTROOMS
- BOH / PARKING
- MEETING ROOMS
- POOL
- ROOF





LEGEND

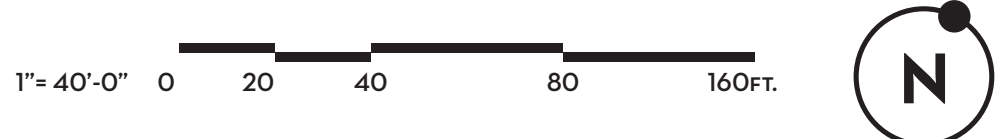
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LEGEND

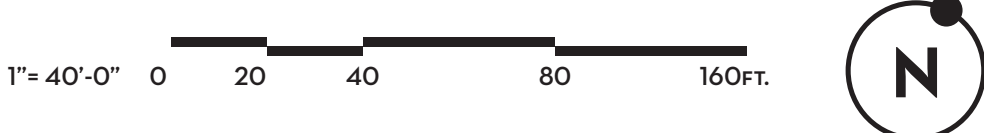
- HORIZONTAL CIRCULATION
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LEGEND

- HORIZONTAL CIRCULATION
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- POOL
- ROOF



2- MAIN GUESTROOM BUILDING - SOUTH ELEVATION

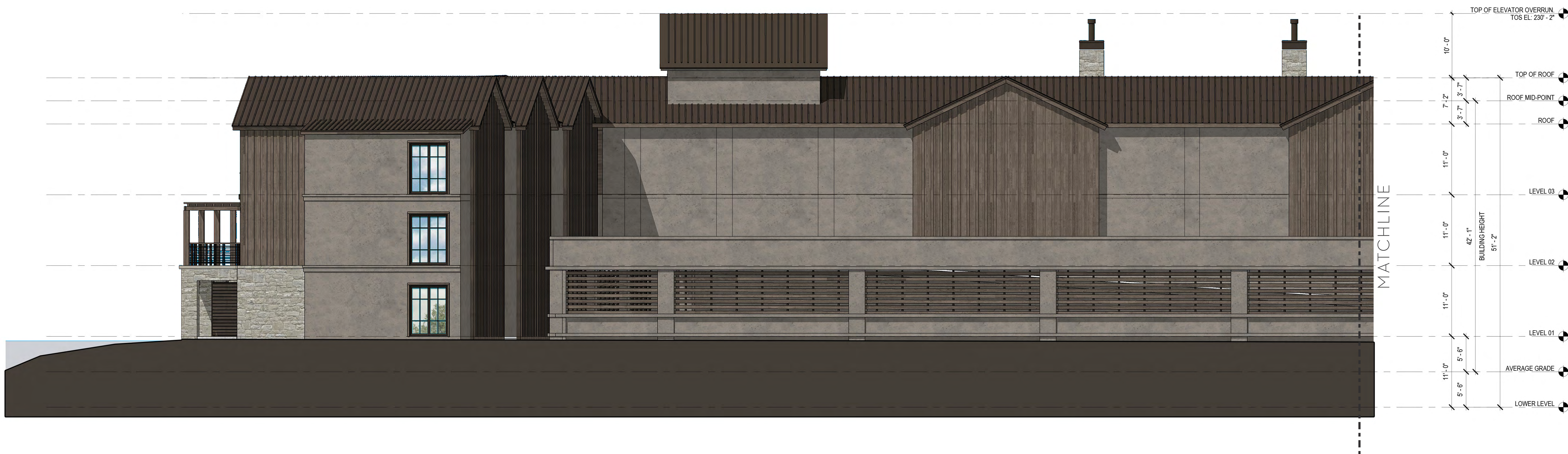


1- MAIN GUESTROOM BUILDING - SOUTH ELEVATION



1/8"=1' 0 4 8 16 32ft.

2- MAIN GUESTROOM BUILDING - NORTH ELEVATION



1- MAIN GUESTROOM BUILDING - NORTH ELEVATION



1/8"=1' 0 4 8 16 32ft.

2- MAIN GUESTROOM BUILDING - EAST ELEVATION



1- MAIN GUESTROOM BUILDING - EAST ELEVATION



1/8"=1' 0 4 8 16 32ft.

2- MAIN GUESTROOM BUILDING - WEST ELEVATION



1- MAIN GUESTROOM BUILDING - WEST ELEVATION



2- COURTYARD - WEST ELEVATION



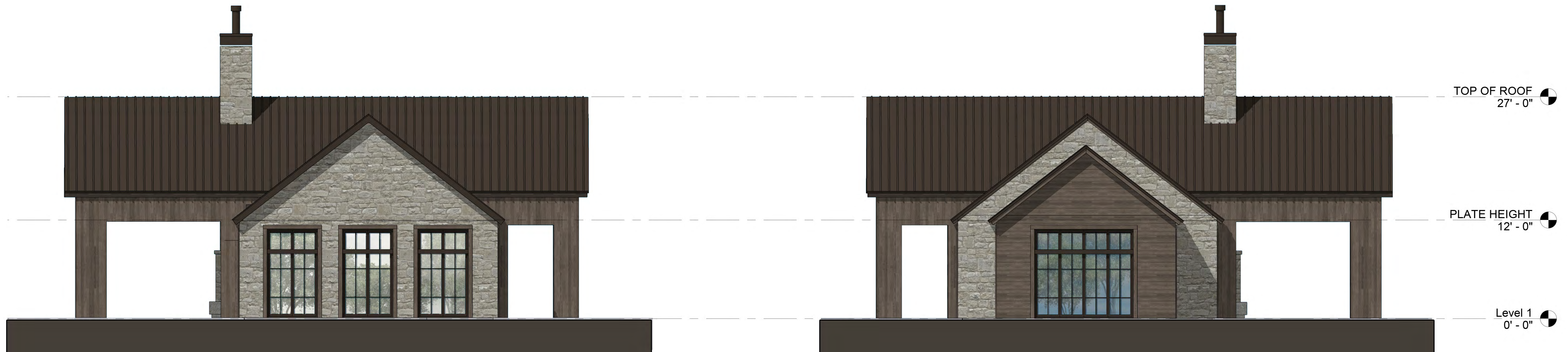
1- COURTYARD - EAST ELEVATION



ARRIVAL BUILDING - ELEVATIONS



4- SOUTH ELEVATION



3- WEST ELEVATION

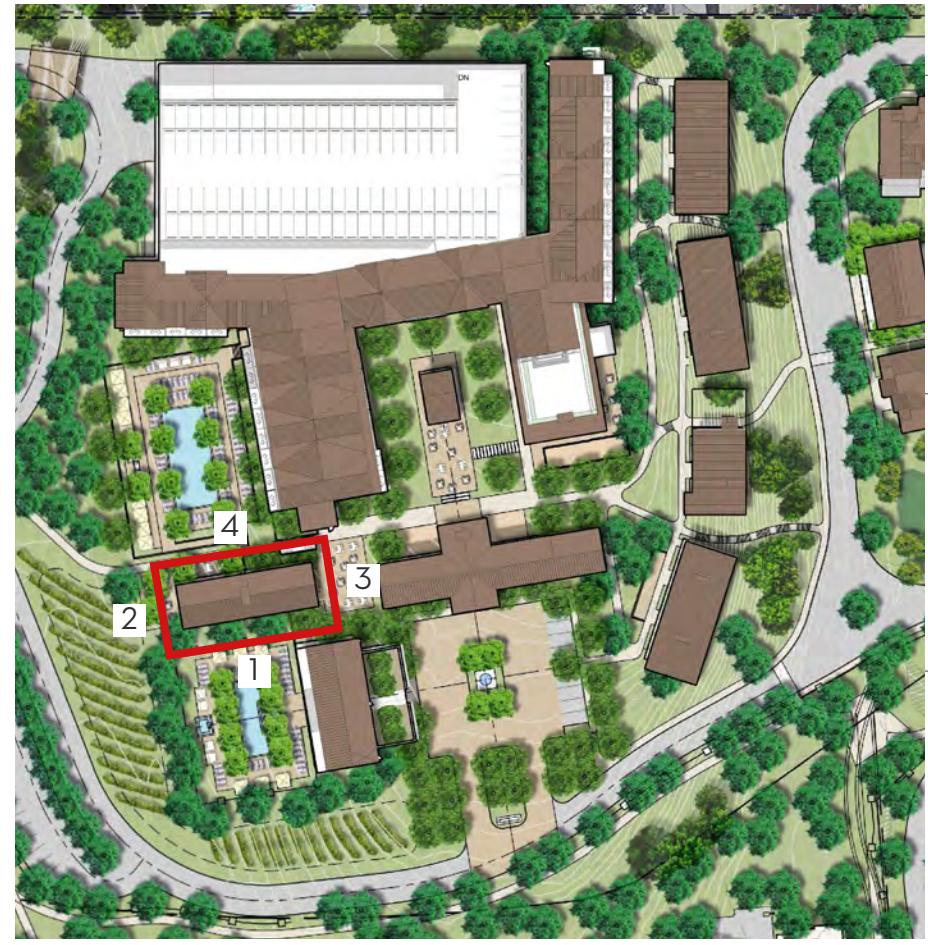
2- EAST ELEVATION



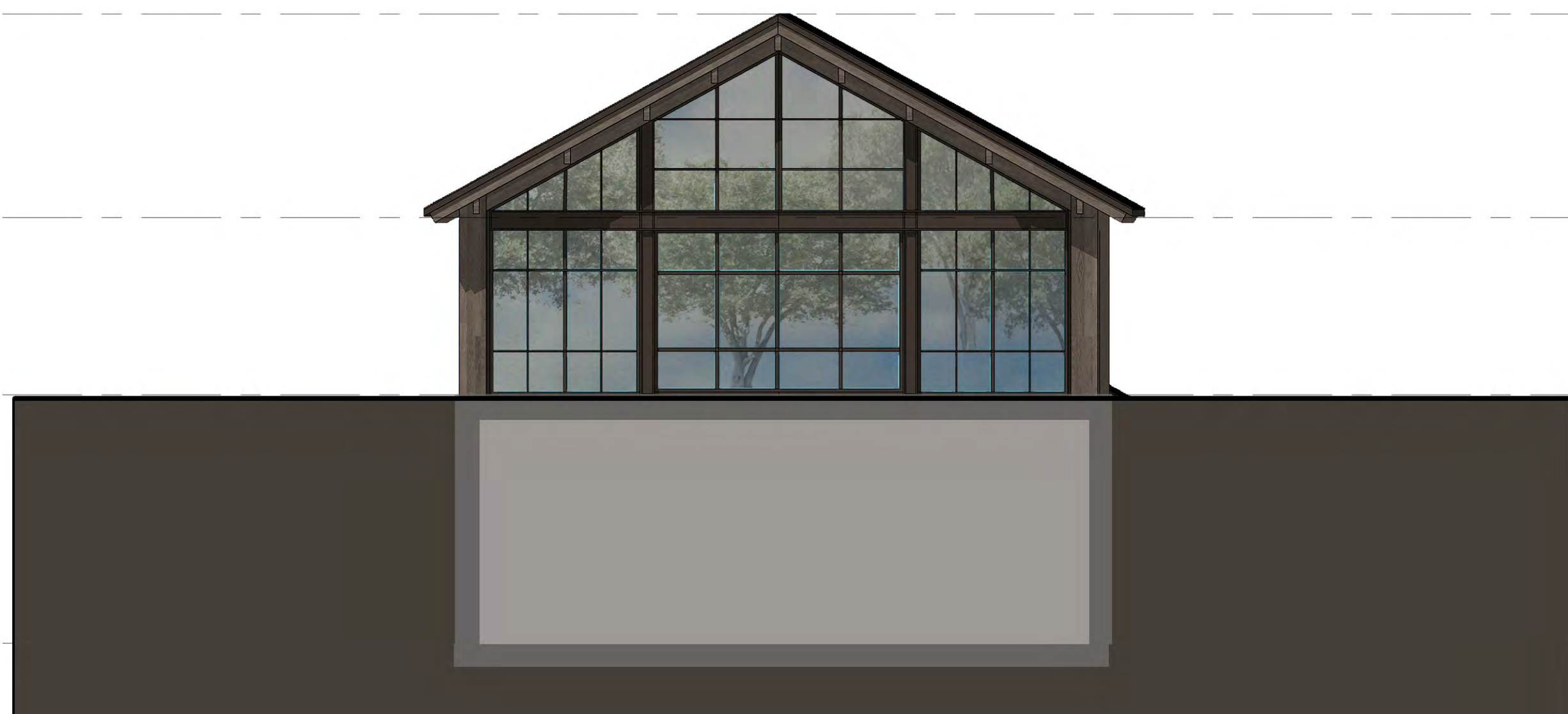
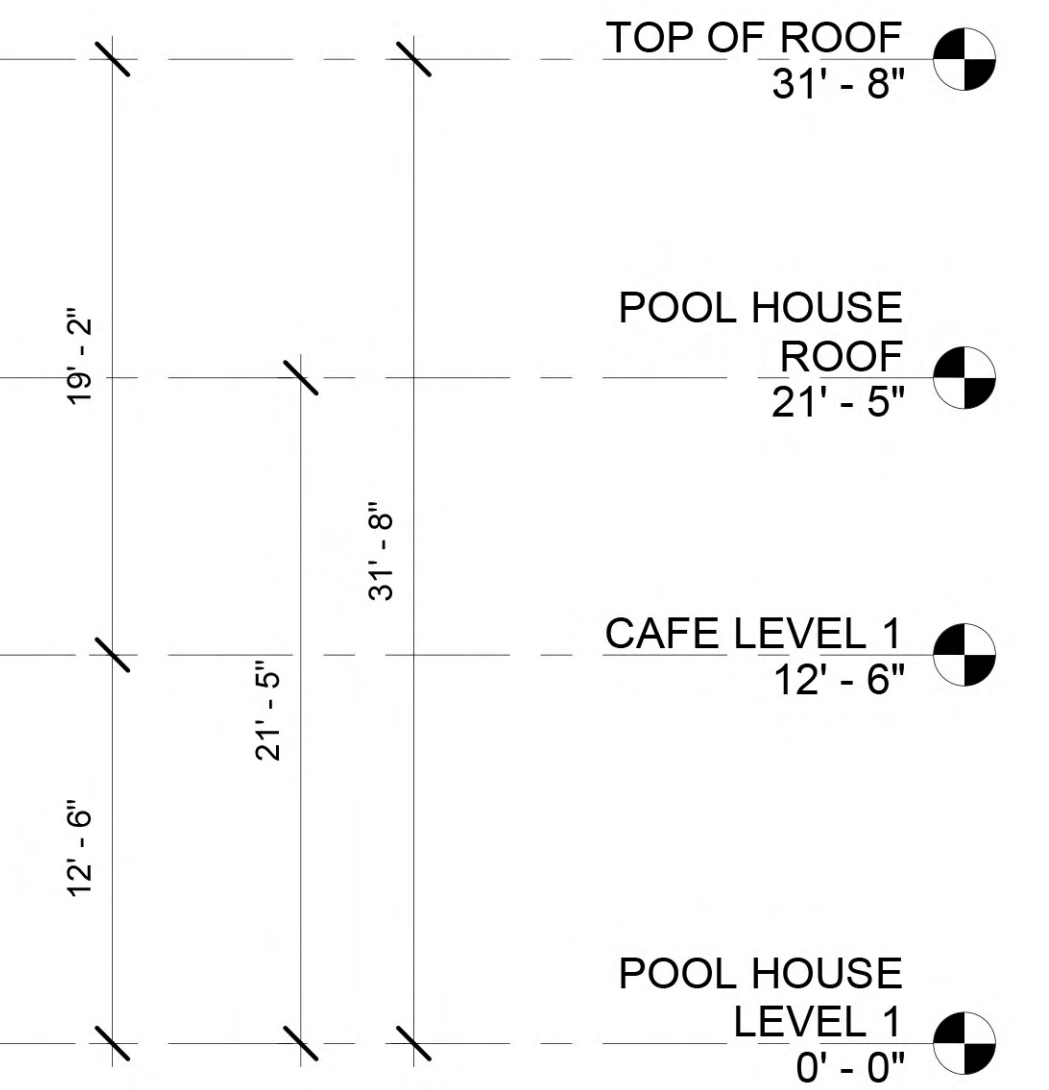
1- NORTHELEVATION



POOL GRILL & CAFE - ELEVATIONS



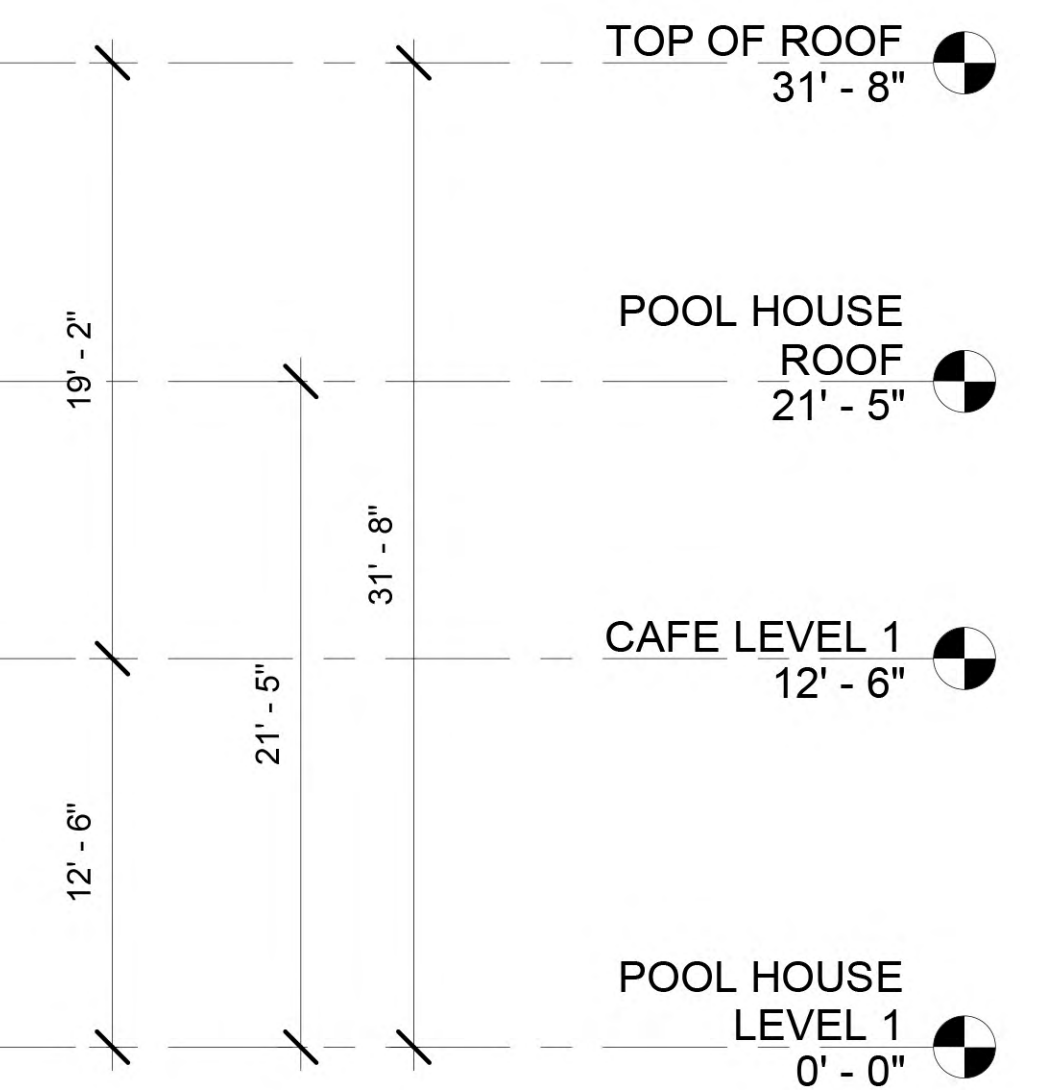
4- SOUTH ELEVATION



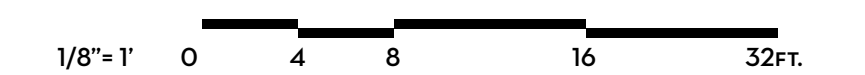
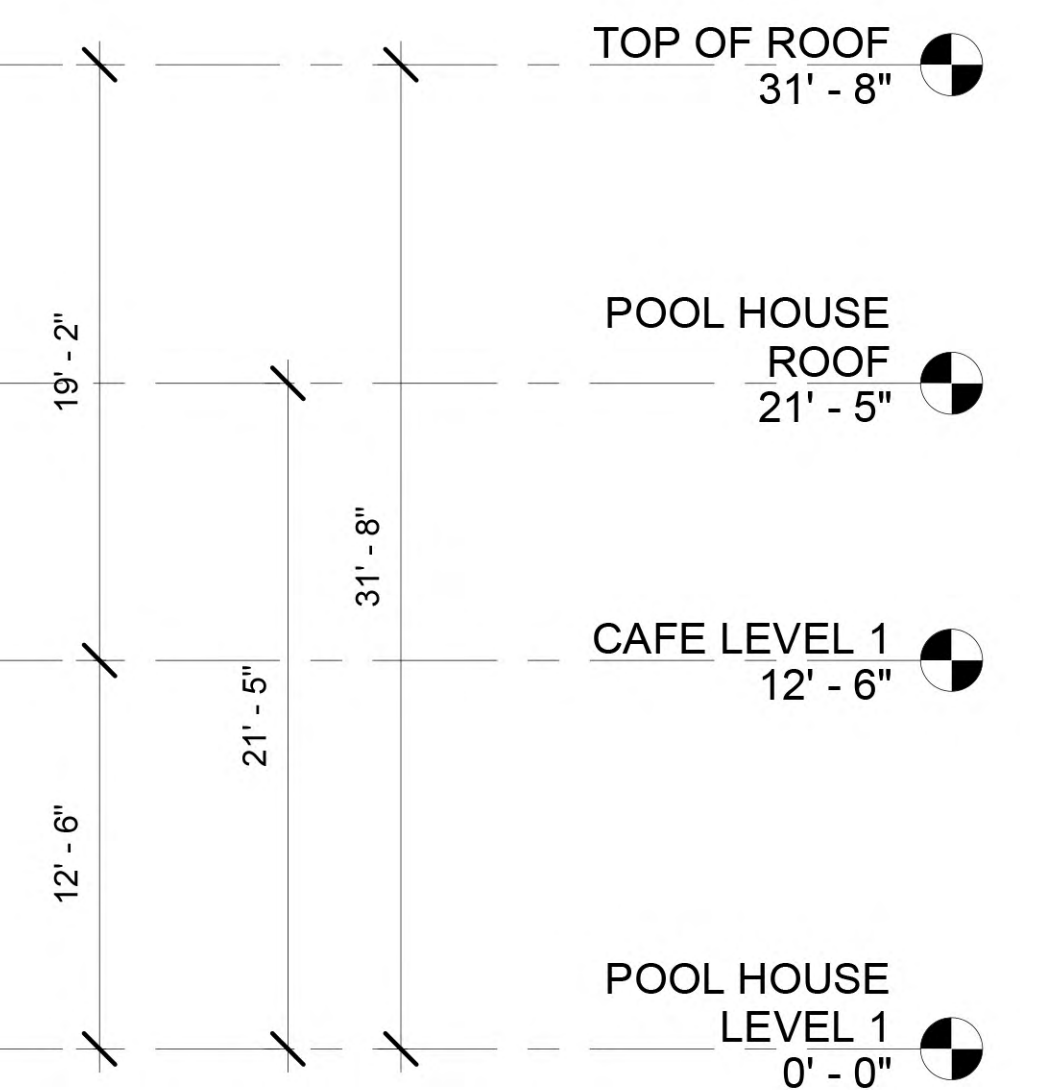
3- EAST ELEVATION



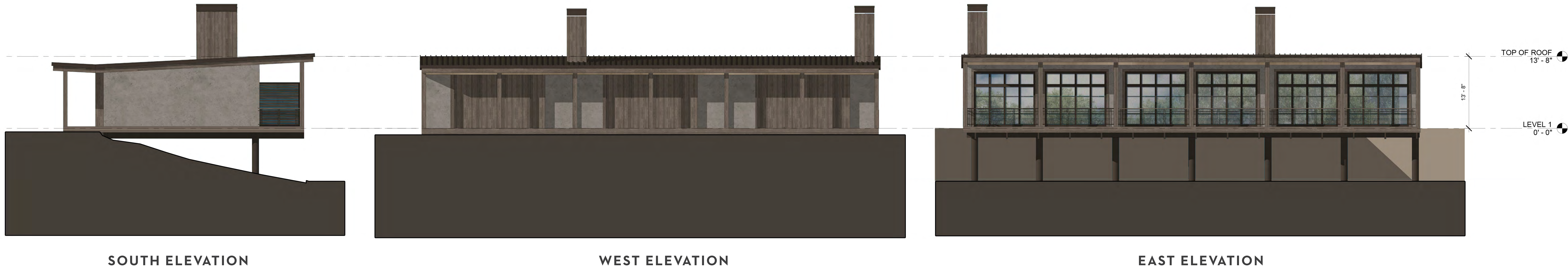
2- WEST ELEVATION



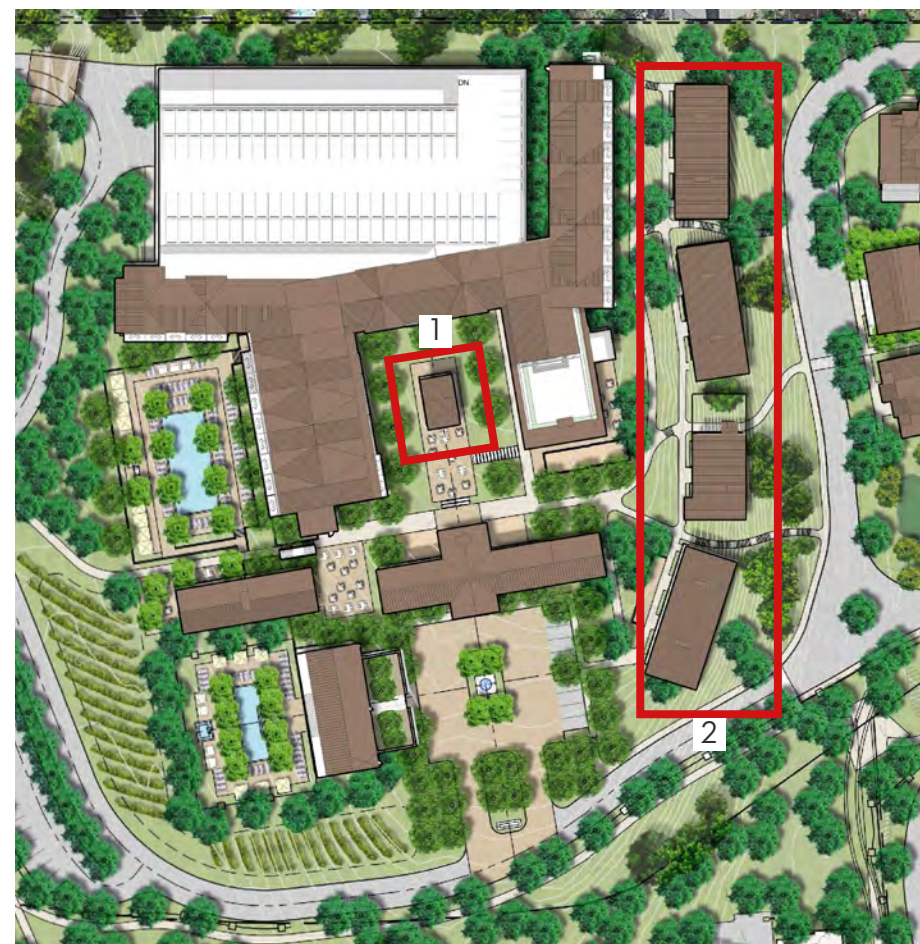
1- NORTHELEVATION



2- HOTEL ROOMS (1 LEVEL) - ELEVATIONS



1- PAVILION BAR - ELEVATION



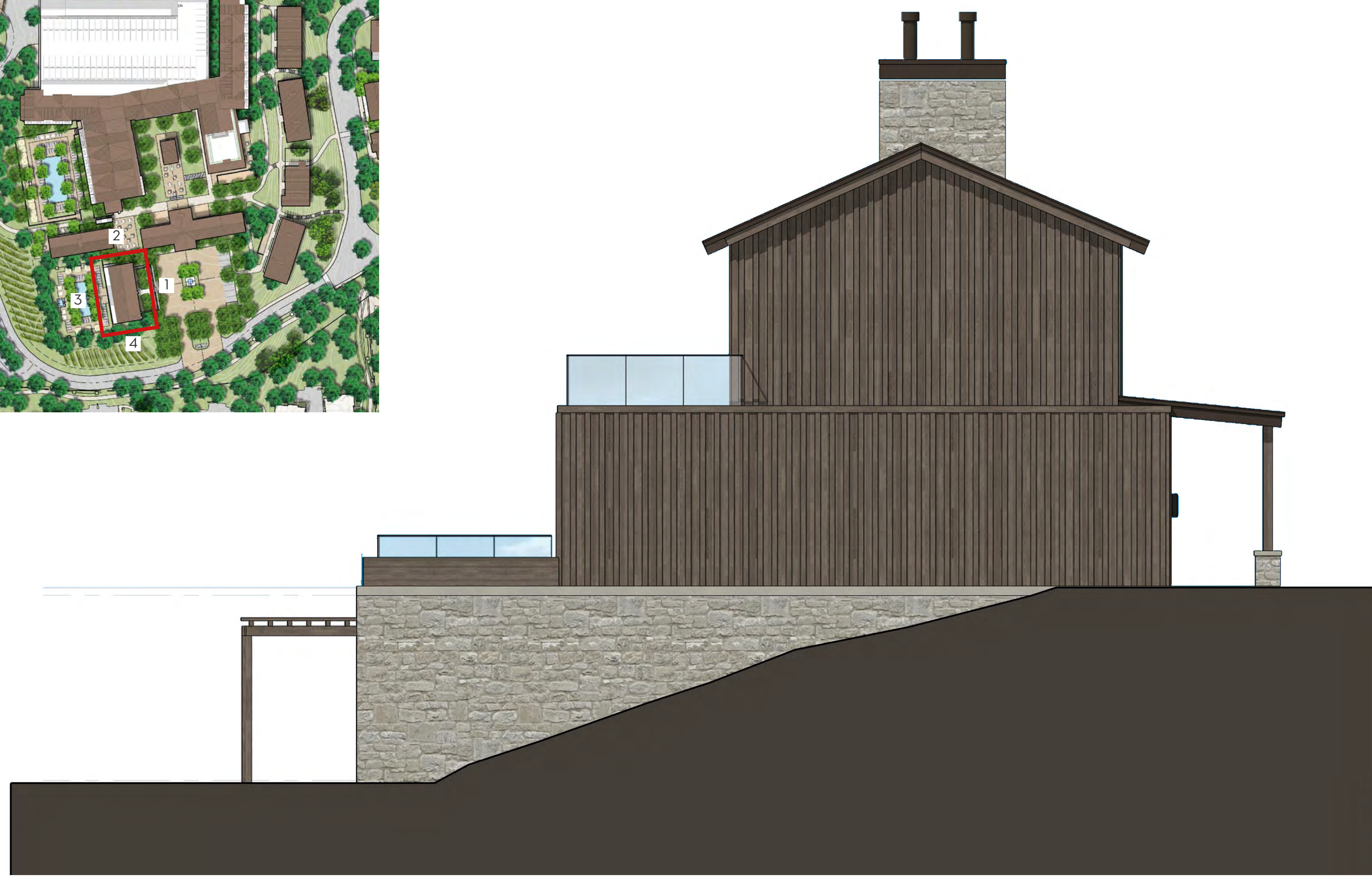
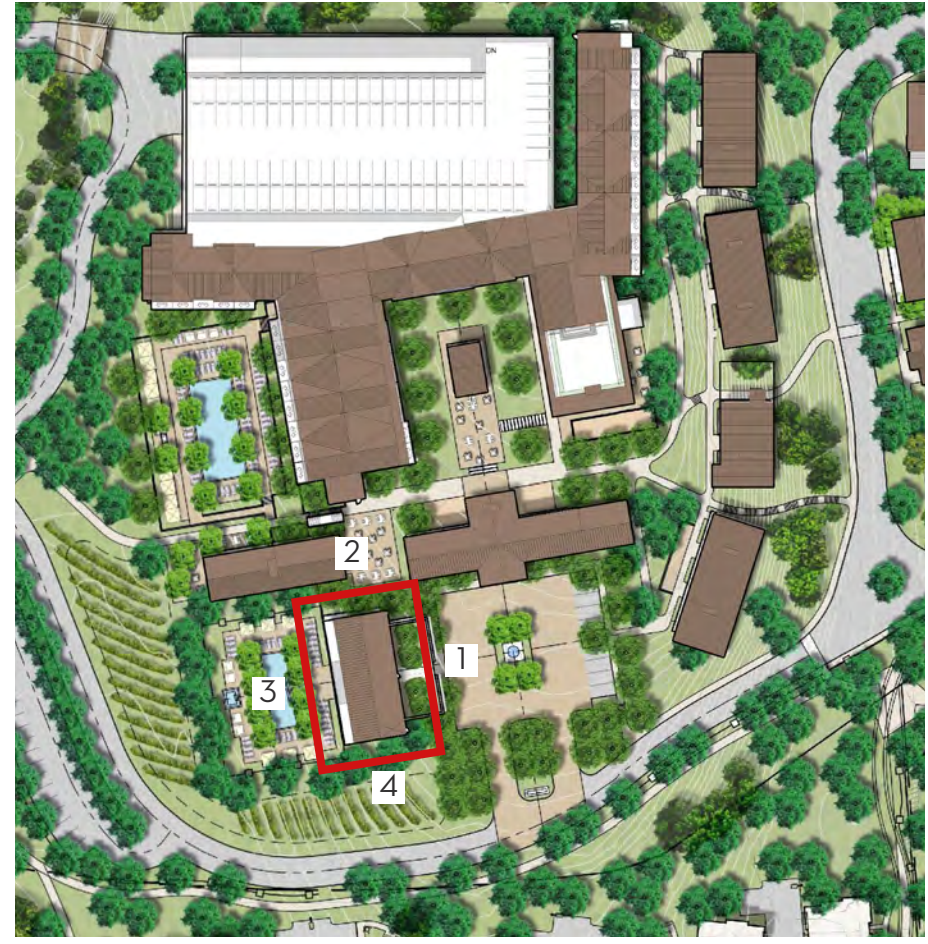
RESIDENTIAL TYPICAL BUILDING - ELEVATIONS



RESIDENTIAL POOL HOUSE - ELEVATIONS



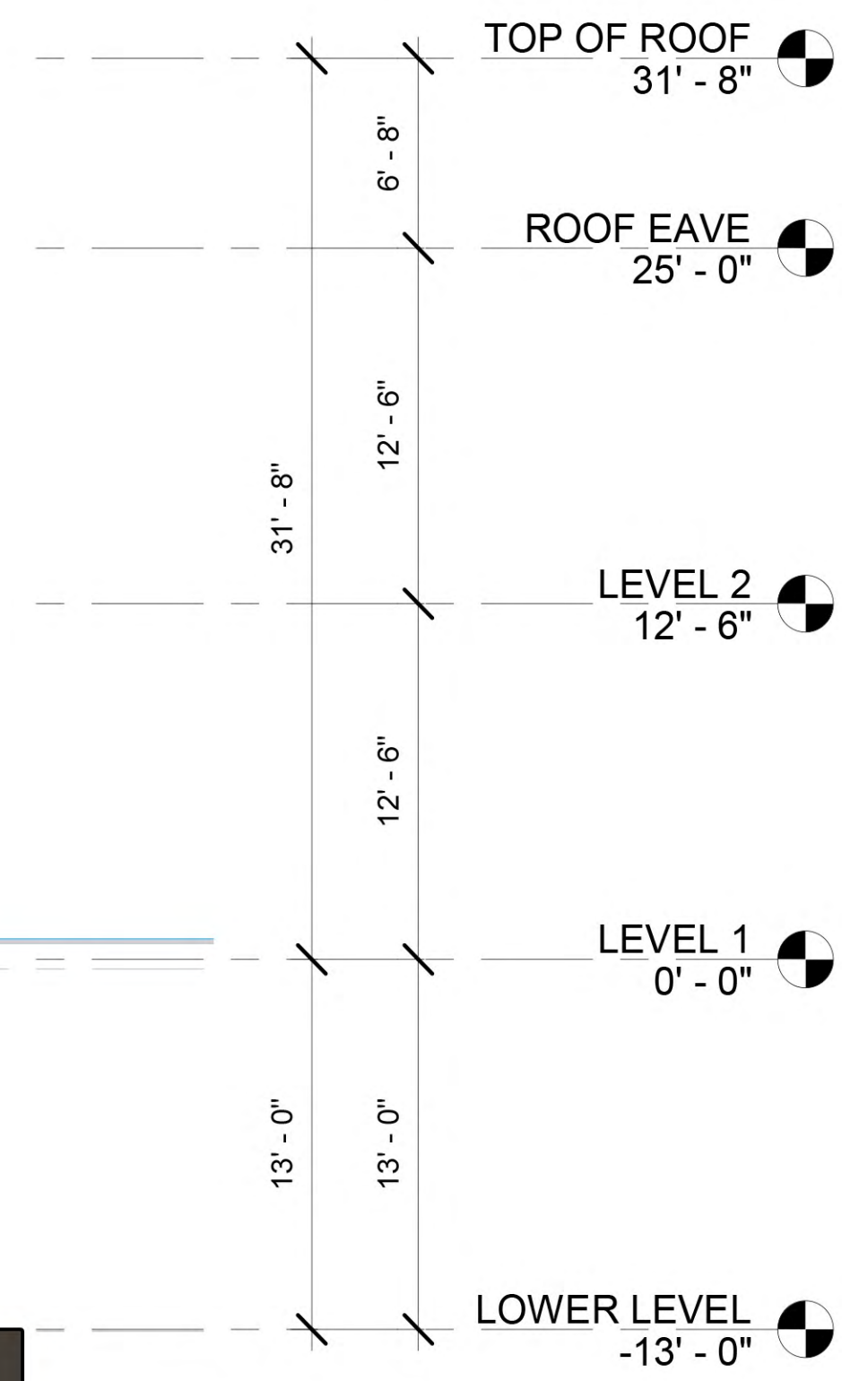
SPA & FITNESS BUILDING - ELEVATION



4-SOUTH ELEVATION



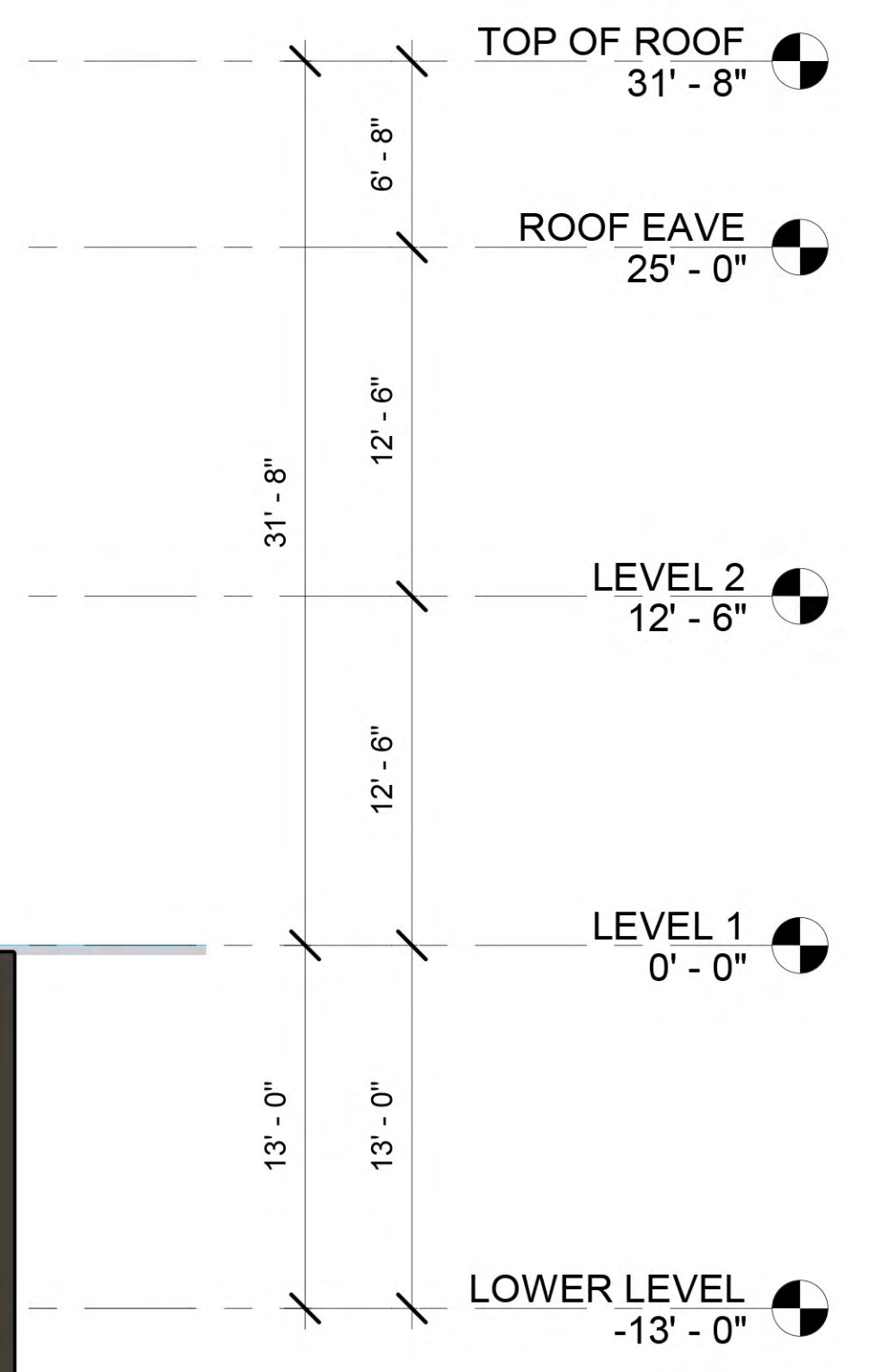
3- WEST ELEVATION



2- NORTH ELEVATION



1- EAST ELEVATION

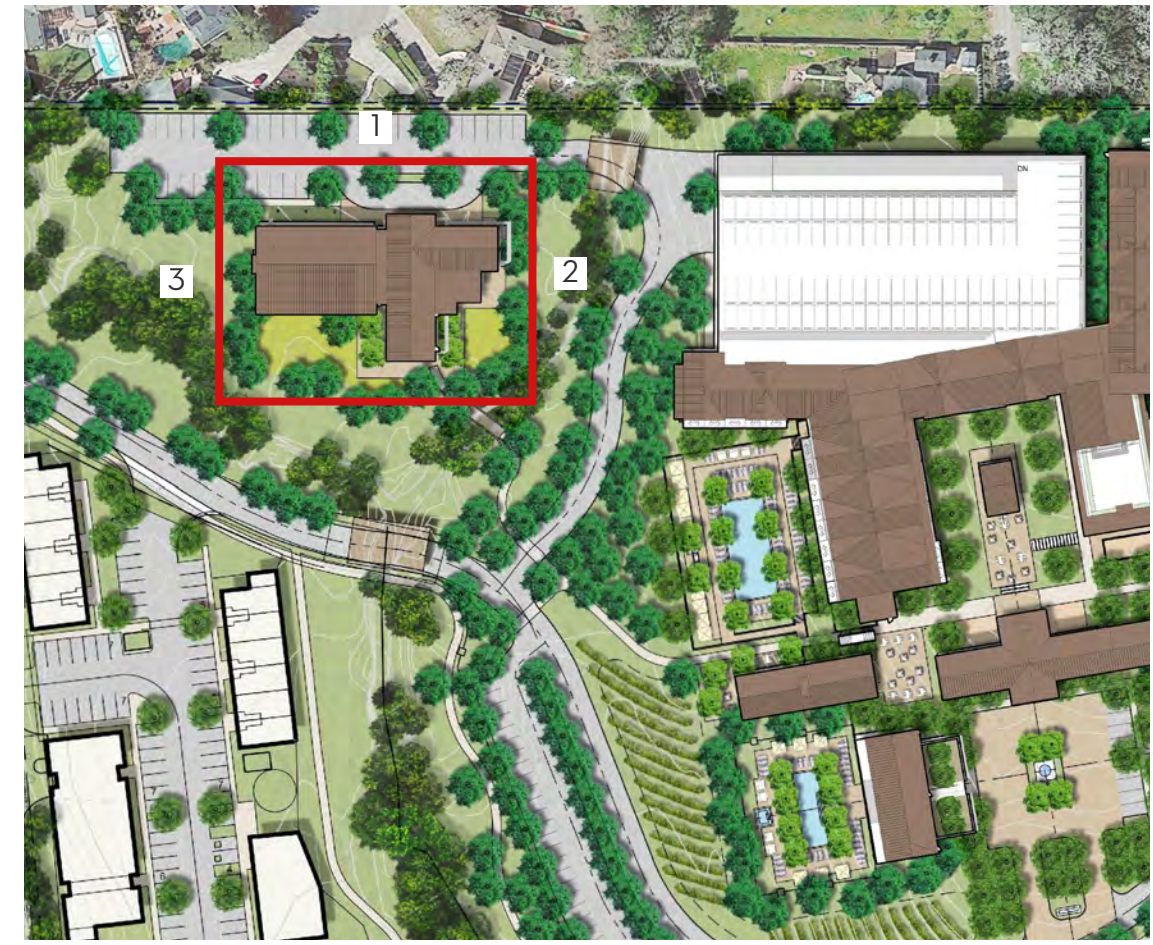


MEETINGS BUILDING - ELEVATION



3- WEST ELEVATION

2- EAST ELEVATION



1- NORTHELEVATION

1/8"=1' 0 4 8 16 32ft.

MEETINGS BUILDING - ELEVATION



4- SOUTH ELEVATION



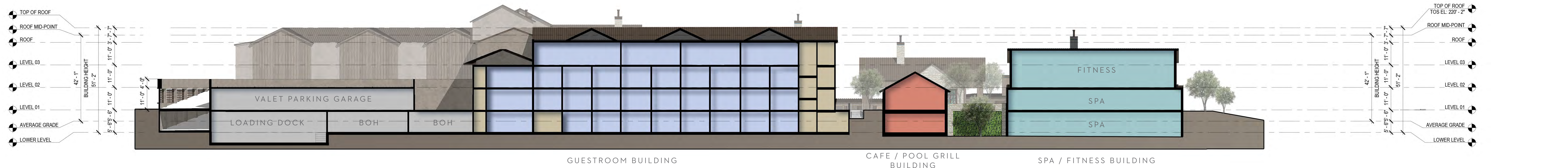
HOTEL - SECTION AA'



HOTEL - SECTION BB'

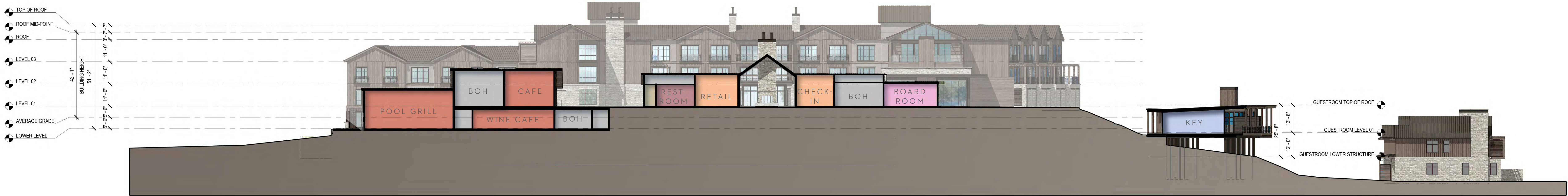


HOTEL - SECTION CC'





HOTEL - SECTION DD'

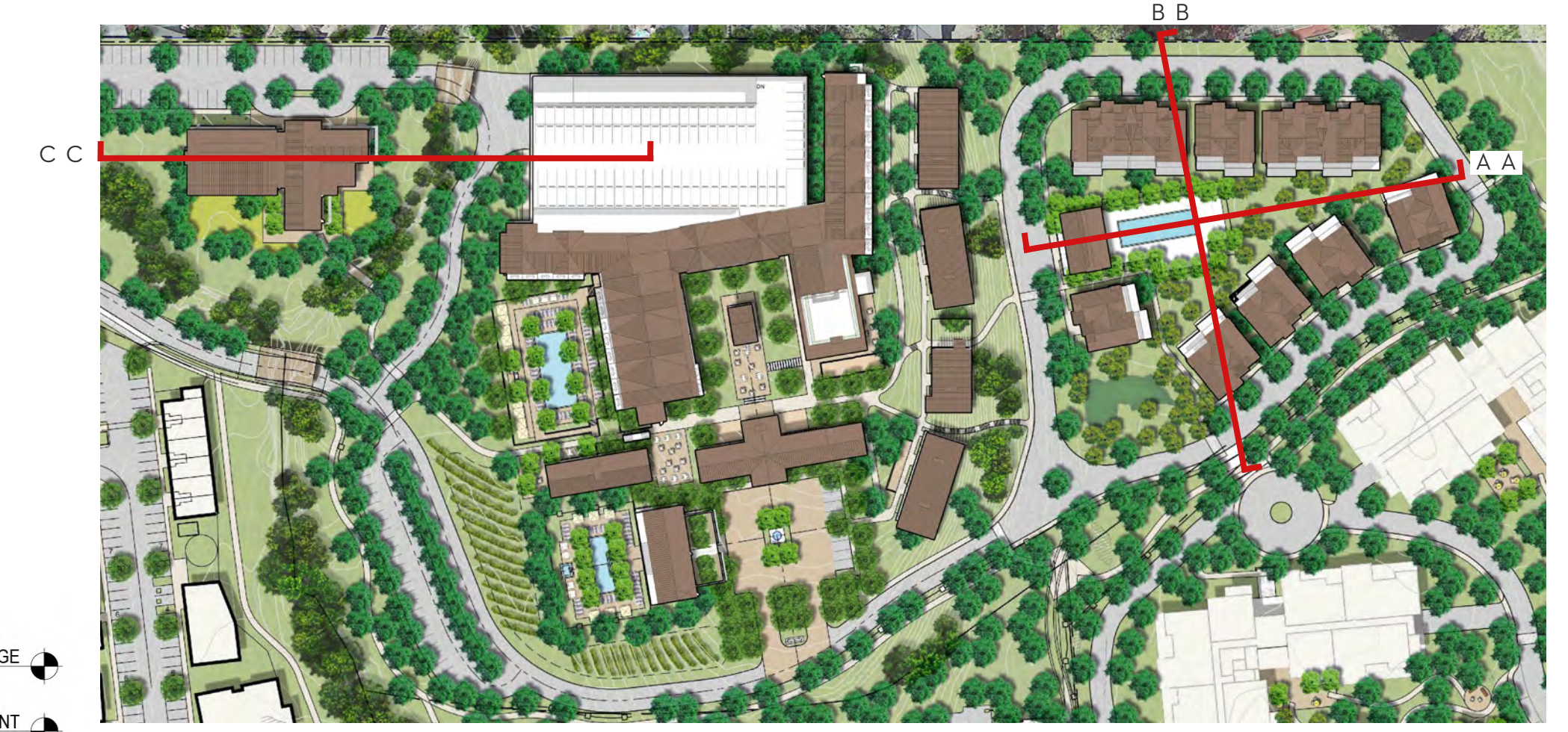


HOTEL - SECTION EE'



1"=20'-0" 0 10 20 40 80ft.

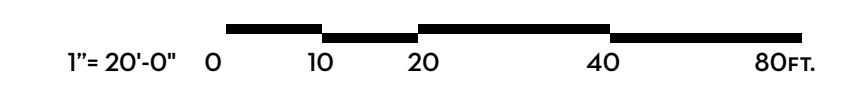
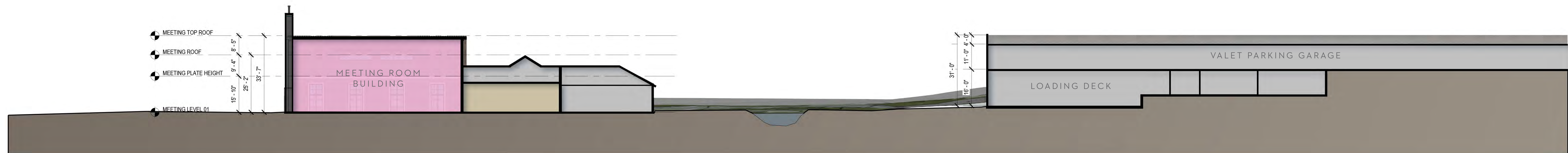
RESIDENCE - SECTION FF'

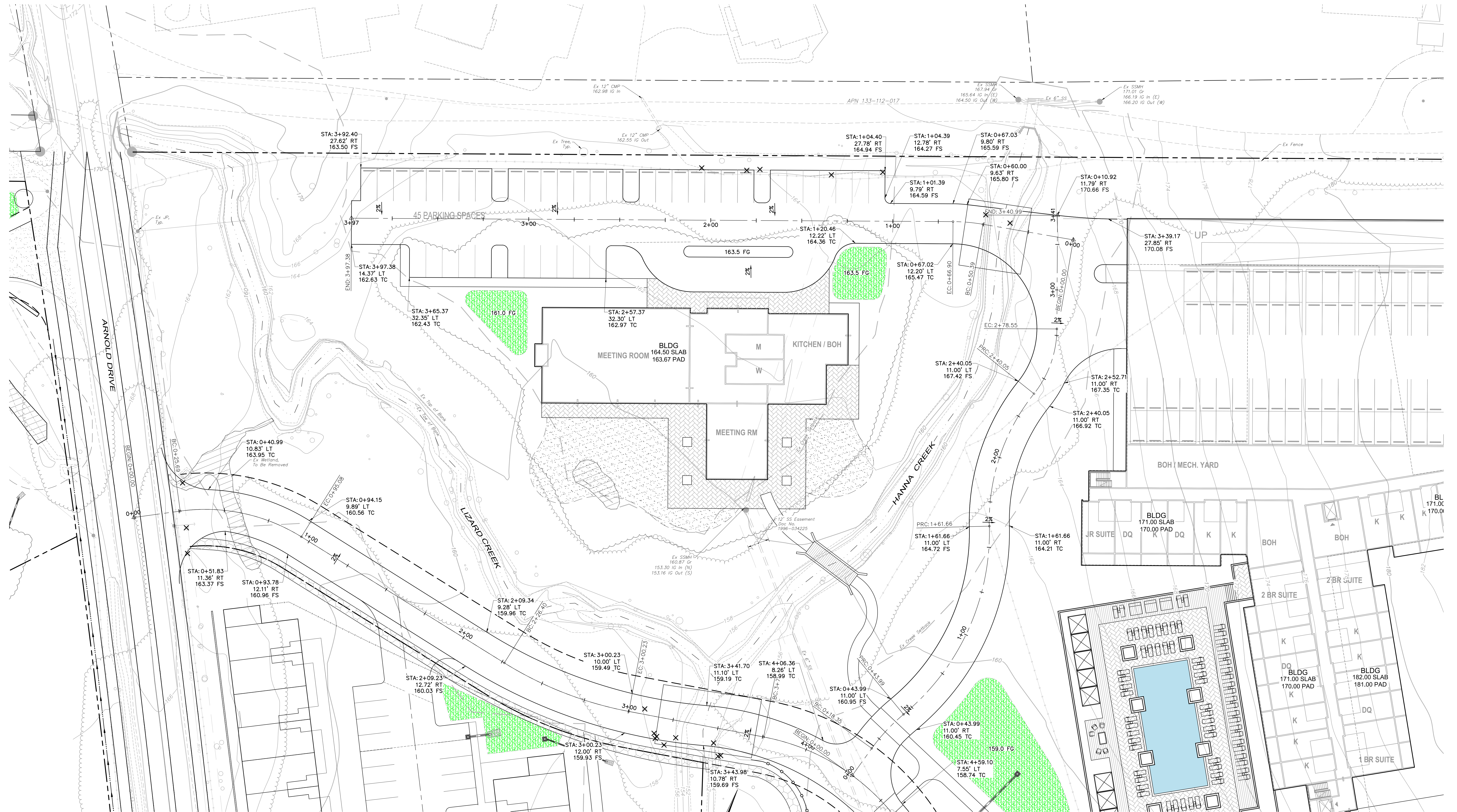


RESIDENCE - SECTION GG'



HOTEL - SECTION HH'





DEMOLITION LEGEND:

✕ EX TREE TO BE REMOVED

GRADING & DRAINAGE PLAN



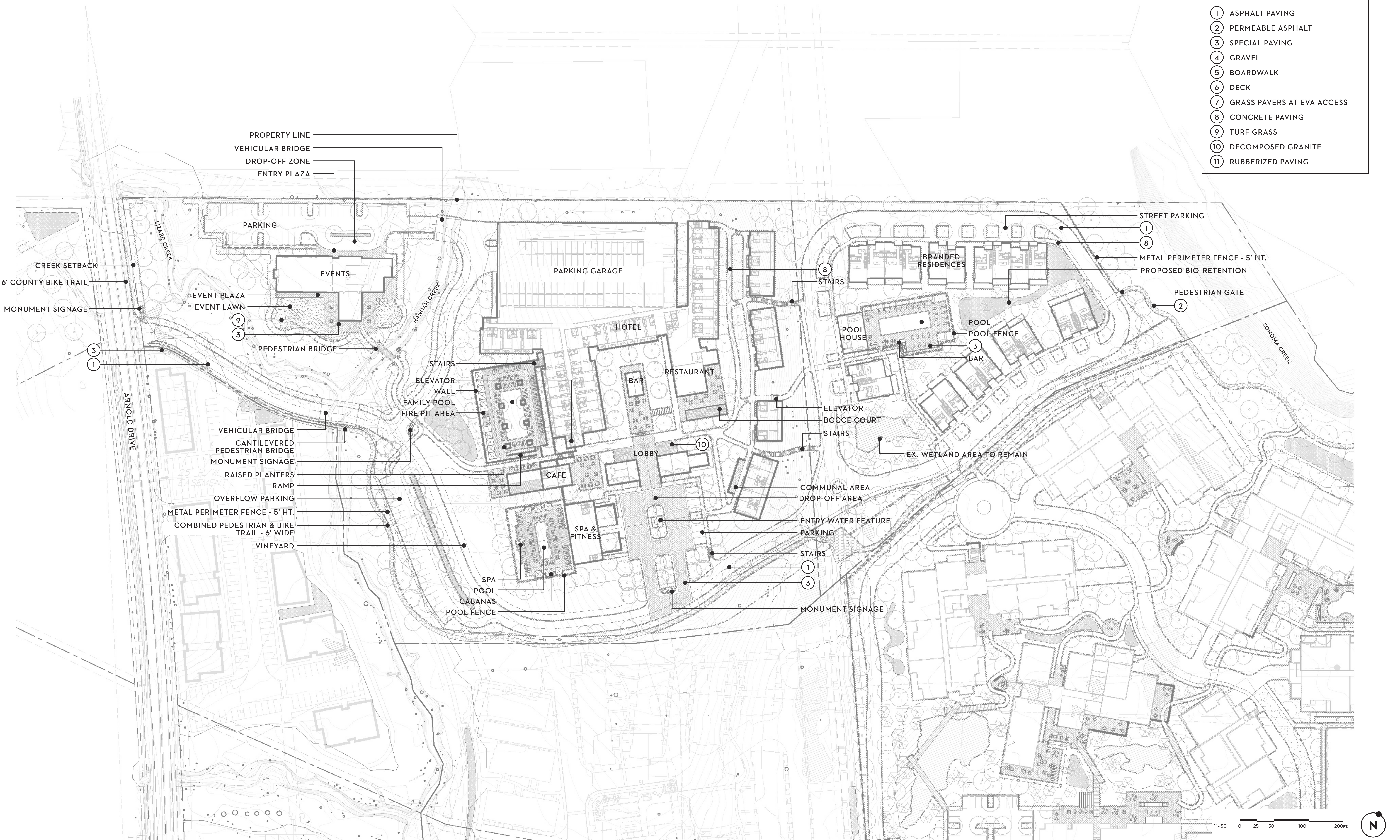
HATCHING LEGEND:

■ BIO-RETENTION AREA

FILE: \2023 PROJECTS\2023\000\000\000\DESIGN\DESIGN\GRADING\GRADING PLAN\AGC-01-04-11-2023.GRADING & DRAINAGE PLAN\AGC-01-04-11-2023.GRADING & DRAINAGE PLAN.dwg

MATERIALS LEGEND

1	ASPHALT PAVING
2	PERMEABLE ASPHALT
3	SPECIAL PAVING
4	GRAVEL
5	BOARDWALK
6	DECK
7	GRASS PAVERS AT EVA ACCESS
8	CONCRETE PAVING
9	TURF GRASS
10	DECOMPOSED GRANITE
11	RUBBERIZED PAVING





COLORED CONCRETE



CONCRETE PAVERS



CONCRETE PAVERS



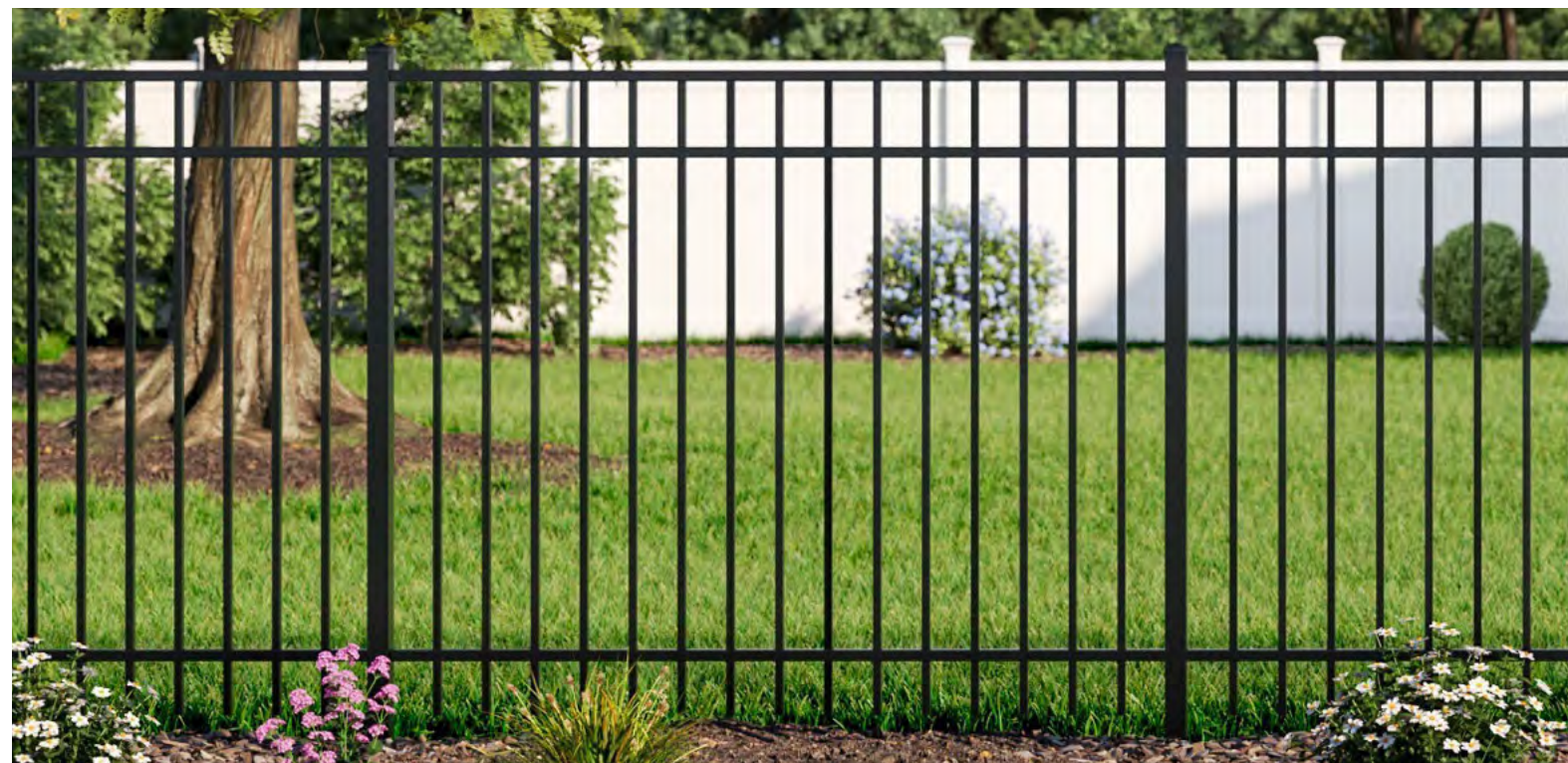
CONCRETE PAVERS



POROUS ASPHALT



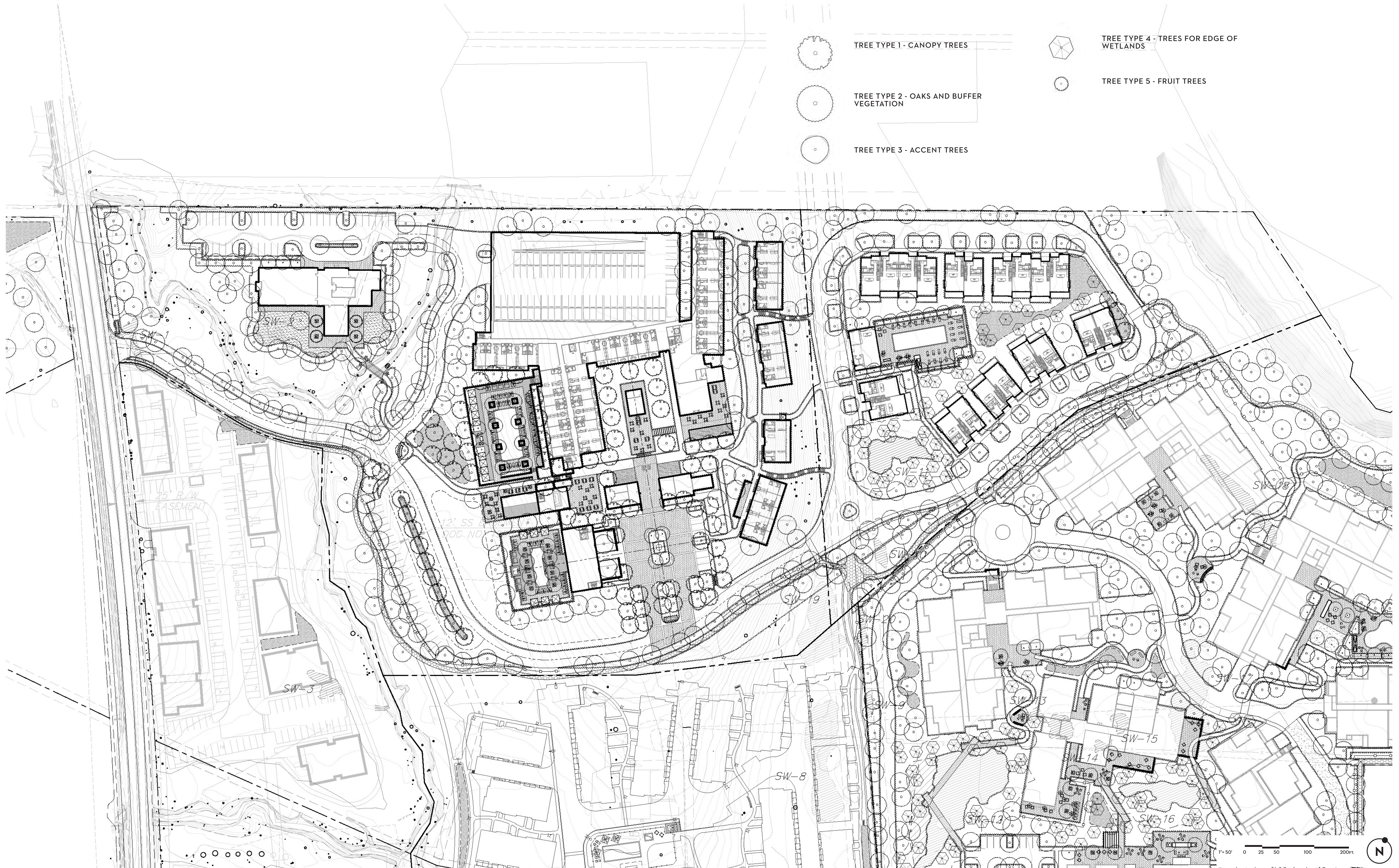
GRAVEL

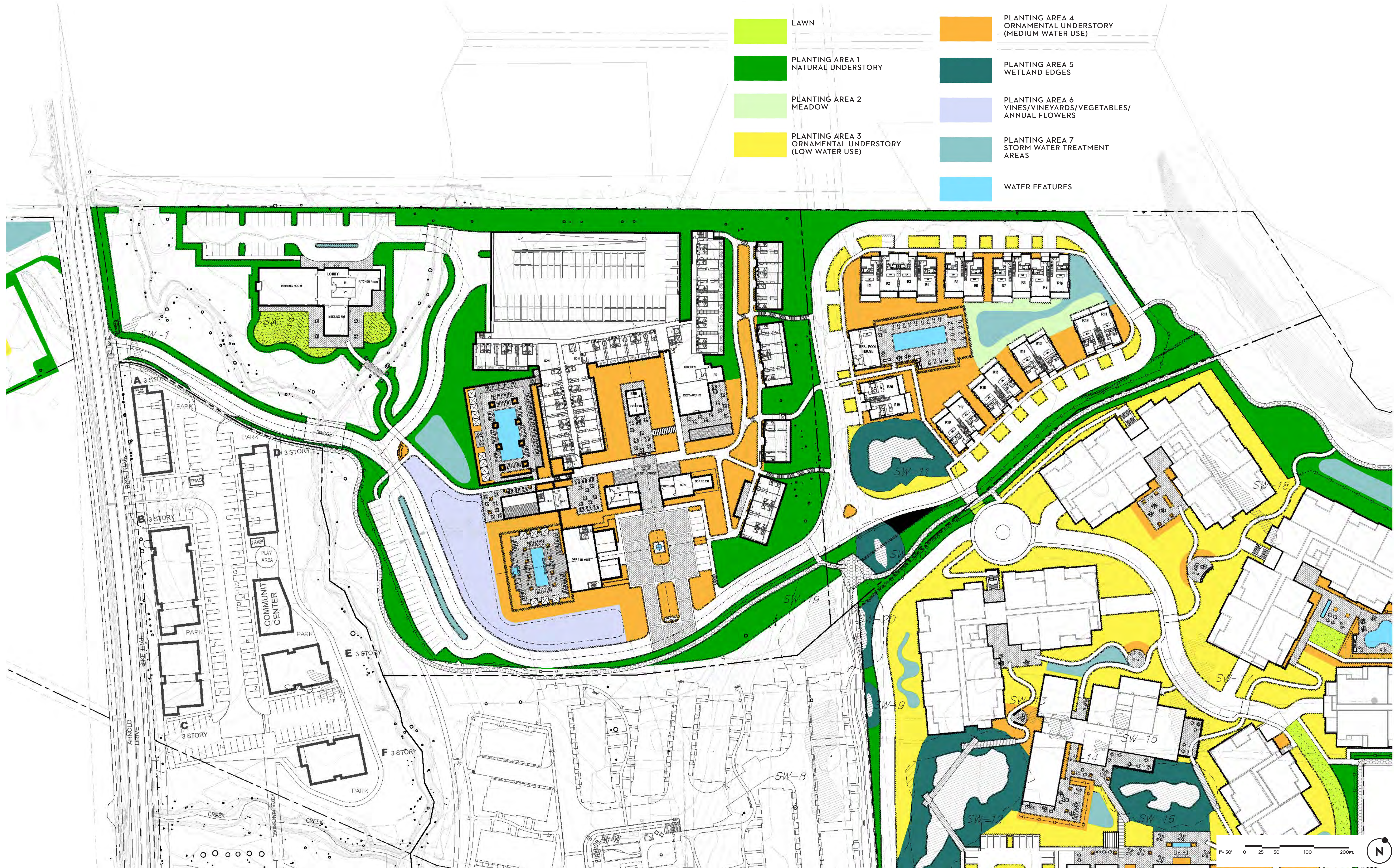



TYPICAL FENCE (5')

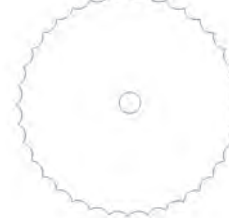


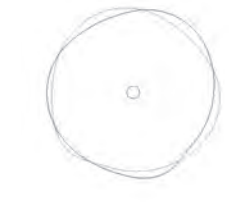
WATER FEATURES

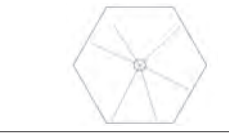





TREE TYPE 1 - CANOPY TREES				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Acer macrophyllum</i>	Big leaf maple	•	Moderate
	<i>Arbutus menziesii</i>	Pacific madrone	•	Low
	<i>Fraxinus latifolia</i>	Oregon ash	•	Moderate
	<i>Platanus racemosa</i>	Western sycamore	•	Moderate

TREE TYPE 2 - OAKS AND BUFFER VEGETATION				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Quercus agrifolia</i>	Coast live oak	•	Very Low
	<i>Quercus douglasii</i>	Blue oak tree	•	Very Low
	<i>Quercus lobata</i>	Valley oak	•	Low
	<i>Sequoia sempervirens</i>	Coast redwood	•	High

TREE TYPE 3 - ACCENT TREES				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Aesculus californica</i>	California buckeye	•	Very Low
	<i>Arbutus marina</i>	Strawberry tree	•	Low
	<i>Cercis occidentalis</i>	Western redbud	•	Very Low
	<i>Fremontodendron californicum</i>	California flannelbush	•	Low
	<i>Koelreuteria bipinnata</i>	Chinese flame tree	•	Moderate
	<i>Jacaranda mimosifolia</i>	Jacaranda	•	Moderate
	<i>Lagerstroemia indica</i>	Crapemyrtle	•	Low

TREE TYPE 4 - TREES FOR EDGE OF WETLANDS				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Populus fremontii</i>	Fremont cottonwood	•	Moderate
	<i>Quercus lobata</i>	Valley oak	•	Low

TREE TYPE 5 - FRUITING TREES				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Citrus species</i>	Citrus	•	Moderate
	<i>Juglans californica</i>	Southern California black walnut	•	Moderate
	<i>Morus alba</i>	White mulberry	•	Moderate
	<i>Olea europaea</i>	Olive trees	•	Very Low
	<i>Malus species</i>	Apple trees	•	Moderate
	<i>Prunus species</i>	Plum species	•	Low



Platanus racemosa



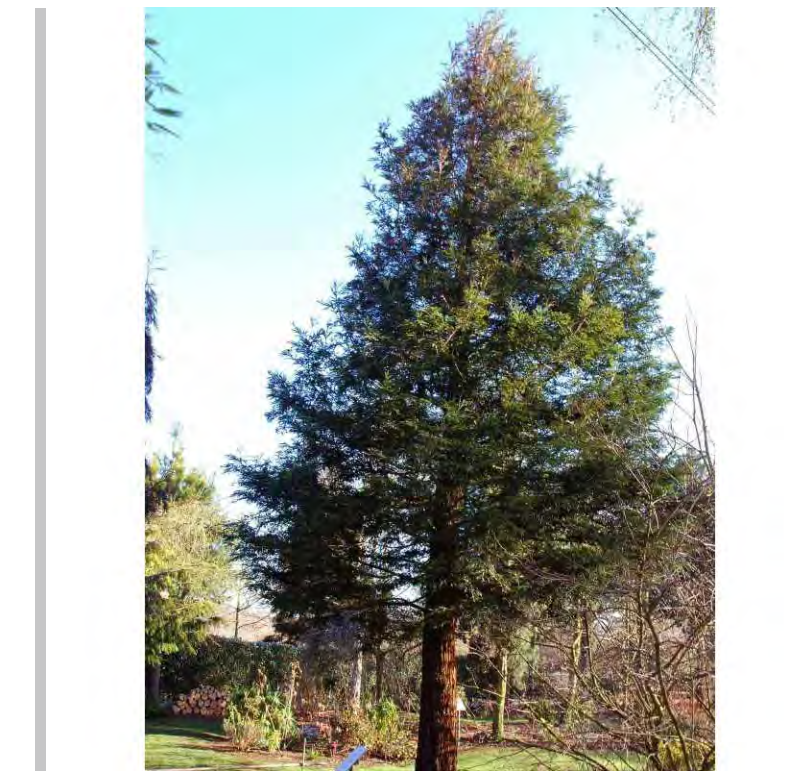
Fraxinus latifolia



Arbutus menziesii



Acer macrophyllum



Sequoia sempervirens



Quercus lobata



Quercus douglasii



Quercus agrifolia



Jacaranda mimosifolia



Koelreuteria bipinnata



Fremontodendron californicum



Cercis occidentalis



Arbutus marina



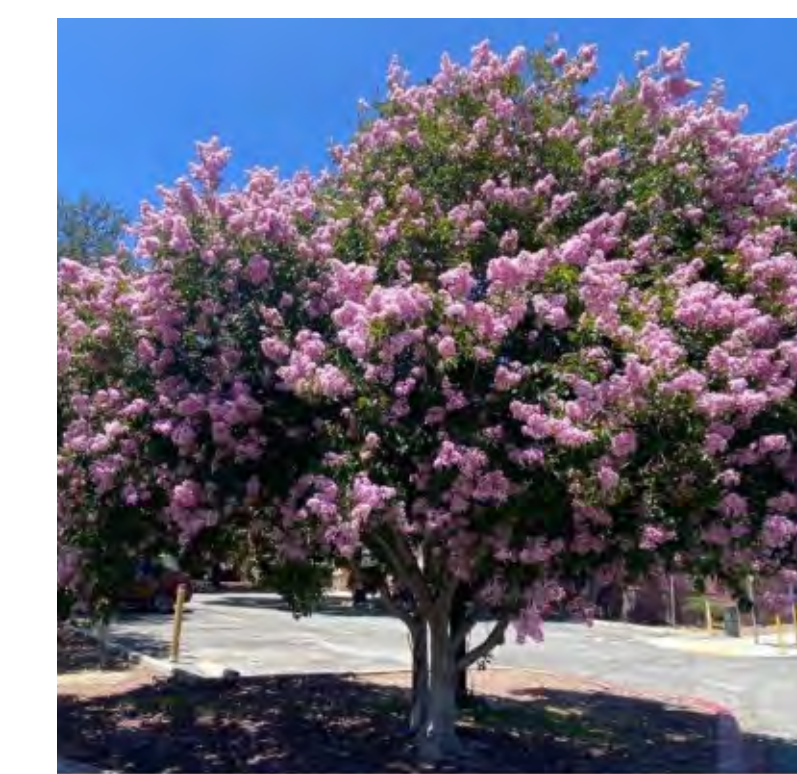
Aesculus californica



Quercus lobata



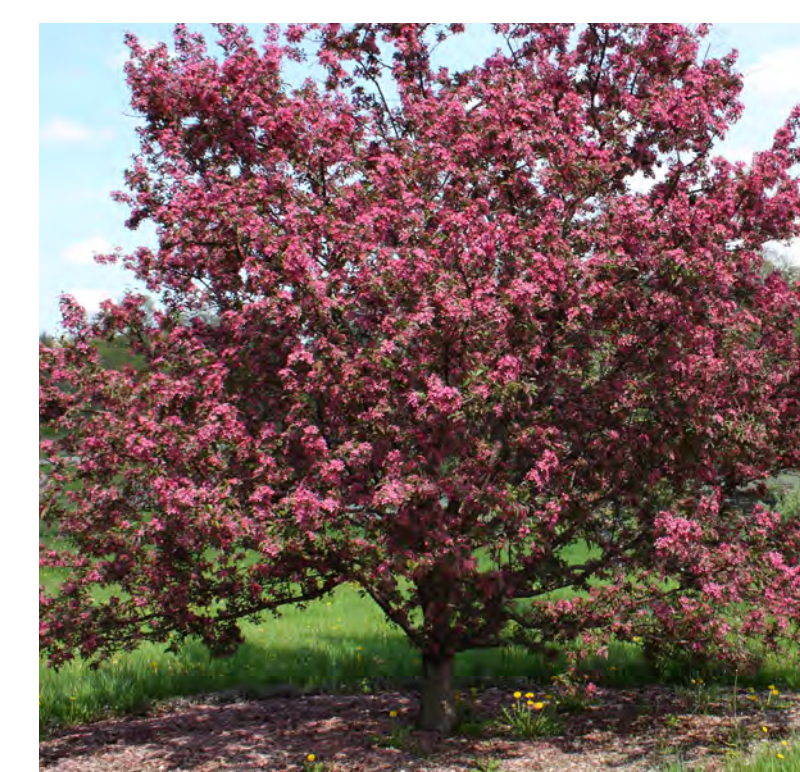
Populus fremontii



Lagerstroemia indica



Prunus species



Malus species



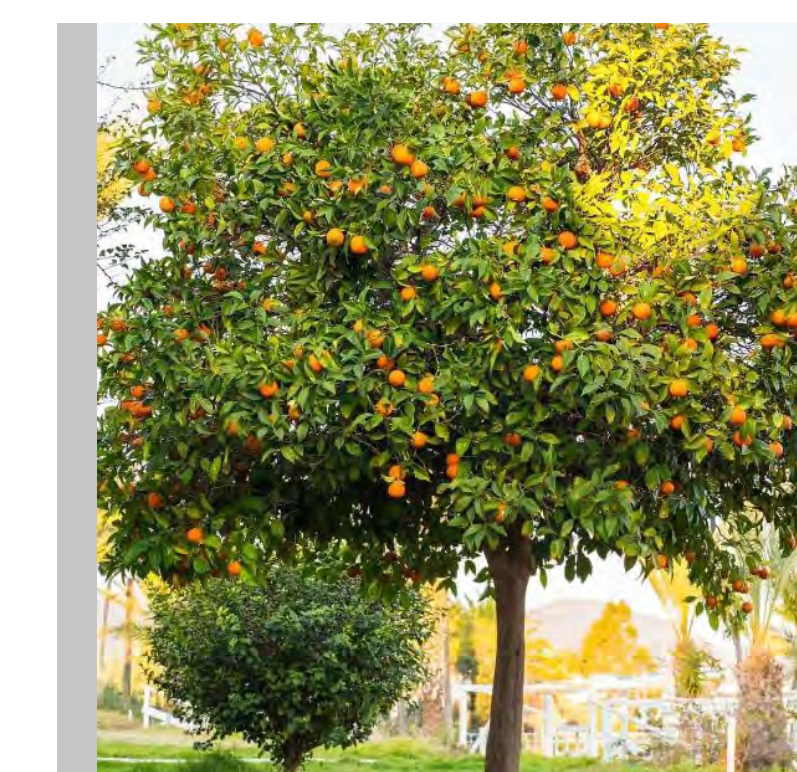
Olea europaea



Morus species



Juglans californica



Citrus species

PLANTING AREA 1 - NATURAL UNDERSTORY / BUFFER PLANTING - VERY LOW / LOW WATER USE				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Arctostaphylos species</i>	Manzanita	•	
	<i>Artemisia californica</i>	California sage bush	•	
	<i>Asclepias californica</i>	Milkweed	•	
	<i>Berberis nevinii</i>	Nevin's mahonia	•	
	<i>Ceanothus species</i>	California lilac	•	
	<i>Dendromecon rigida</i>	Tree poppy	•	
	<i>Eschscholzia californica</i>	California poppy	•	
	<i>Festuca idahoensis</i>	Idaho fescue	•	
	<i>Fremontodendron species</i>	Flannelbush	•	
	<i>Myrica californica</i>	Pacific Wax Myrtle	•	
	<i>Rhamnus ilicifolia</i>	Hollyleaf redberry	•	

PLANTING AREA 2 - MEADOWS - LOW WATER USE				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Aristida purpurea</i>	Purple three awn	•	
	<i>Deschampsia cespitosa</i>	Tufted hairgrass	•	
	<i>Eriogonum fasciculatum</i>	California buckwheat	•	
	<i>Eschscholzia californica</i>	California poppy	•	
	<i>Festuca idahoensis</i>	Idaho fescue	•	

PLANTING AREA 3 - ORNAMENTAL UNDERSTORY - LOW WATER USE				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Acacia redolens</i>	Prostrate acacia		
	<i>Berberis pinnata</i>	California holly grape	•	
	<i>Carex divulsa</i>	Berkeley sedge	•	
	<i>Cistus species</i>	Rockrose		
	<i>Dietes grandiflora</i>	Fortnight lily		
	<i>Lavandula species</i>	Lavandula species		
	<i>Lupinus albifrons</i>	Silver lupine	•	
	<i>Rosmarinus species</i>	Rosemary species		
	<i>Rosa californica</i>	California rose	•	
	<i>Salvia species (native)</i>	Sage species	•	



Dendromecon rigida



Ceanothus species



Berberis nevinii



Asclepias californica



Artemisia californica



Arctostaphylos species



Rhamnus ilicifolia



Myrica californica



Fremontodendron species



Festuca idahoensis



Eschscholzia californica



Festuca idahoensis



Eschscholzia californica



Eriogonum fasciculatum



Deschampsia cespitosa



Aristida purpurea



Lavandula species



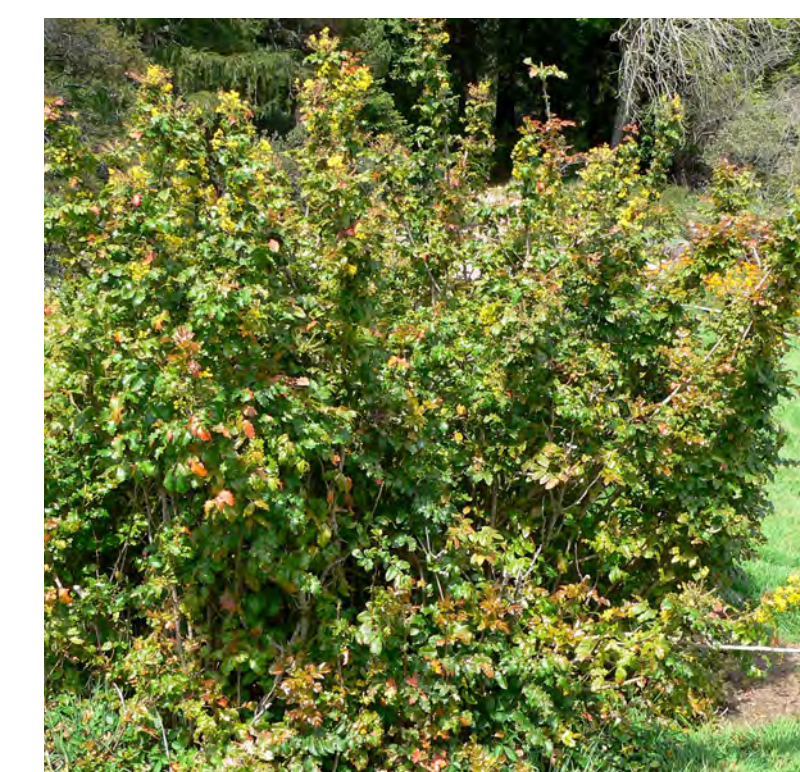
Dietes grandiflora



Cistus species



Carex divulsa



Berberis pinnata



Acacia redolens



Salvia species



Rosa californica



Rosmarinus species



Lupinus albifrons

PLANTING AREA 4 - ORNAMENTAL UNDERSTORY - MEDIUM WATER USE				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Buxus sempervirens</i>	Boxwood	•	
	<i>Camellia species</i>	Camellia	•	
	<i>Carpenteria californica</i>	Anemone bush	•	
	<i>Erigeron species</i>	Fleabane species	•	
	<i>Lonicera nitida</i>	Box honeysuckle	•	
	<i>Muhlenbergia capillaris</i>	Hairy awn muhly		
	<i>Pelargonium species</i>	Geranium	•	
	<i>Philadelphus lewisii</i>	Wild mock orange	•	
	<i>Salvia species (non native)</i>	Sage species		



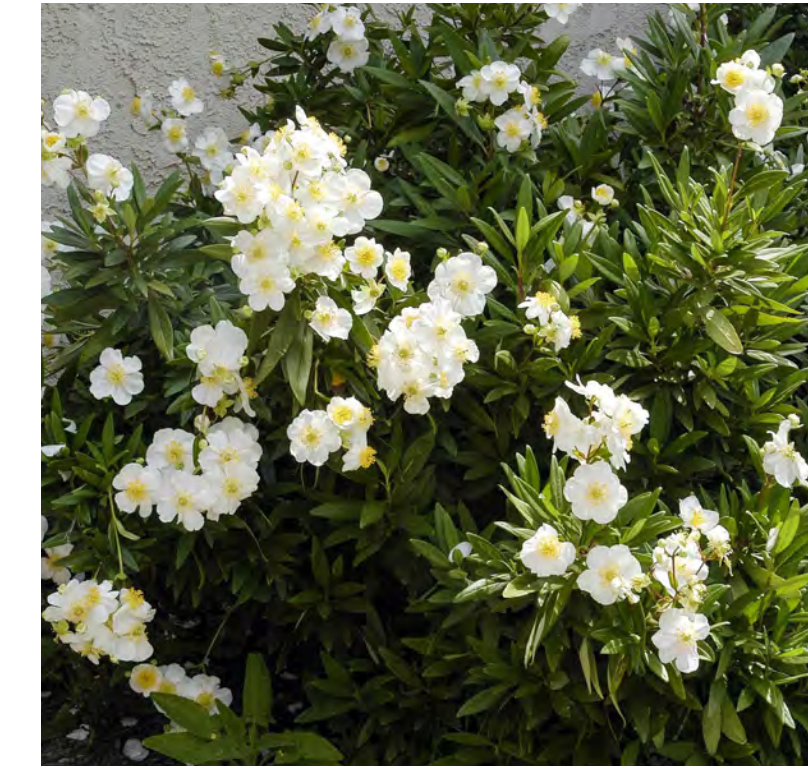
Muhlenbergia capillaris



Lonicera nitida



Erigeron species



Carpenteria californica



Camellia species



Buxus sempervirens

PLANTING AREA 5 - WETLAND EDGES - LOW WATER USE				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Aristida purpurea</i>	Purple three awn	•	
	<i>Ceanothus species</i>	California lilac	•	
	<i>Deschampsia cespitosa</i>	Tufted hairgrass	•	
	<i>Eriogonum fasciculatum</i>	California buckwheat	•	
	<i>Romneya coulteri</i>	Matilija poppy	•	



Salvia species (non native)



Philadelphus lewisii



Pelargonium species

PLANTING AREA 6 - VINES				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Actinidia deliciosa</i>	Kiwi vine		High
	<i>Distictis buccinatoria</i>	Blood red trumpet vine		Moderate
	<i>Jasminum polyanthum</i>	Pink jasmine		Moderate
	<i>Passiflora edulis</i>	Passion fruit vine		Moderate
	<i>Vitis vinifera species</i>	Grape vines		Moderate



Romneya coulteri



Eriogonum fasciculatum



Deschampsia cespitosa



Ceanothus species

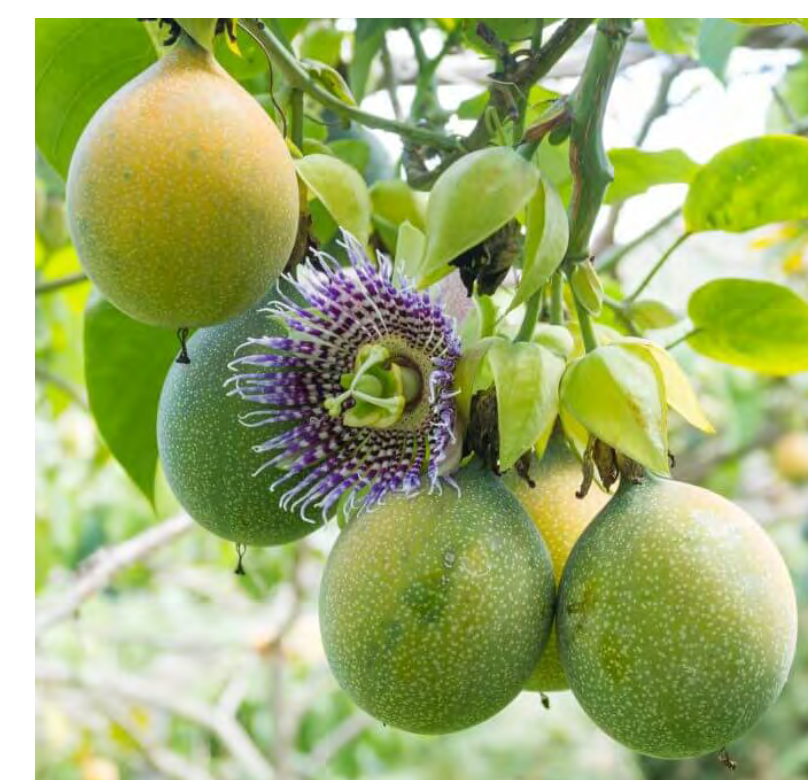


Aristida purpurea

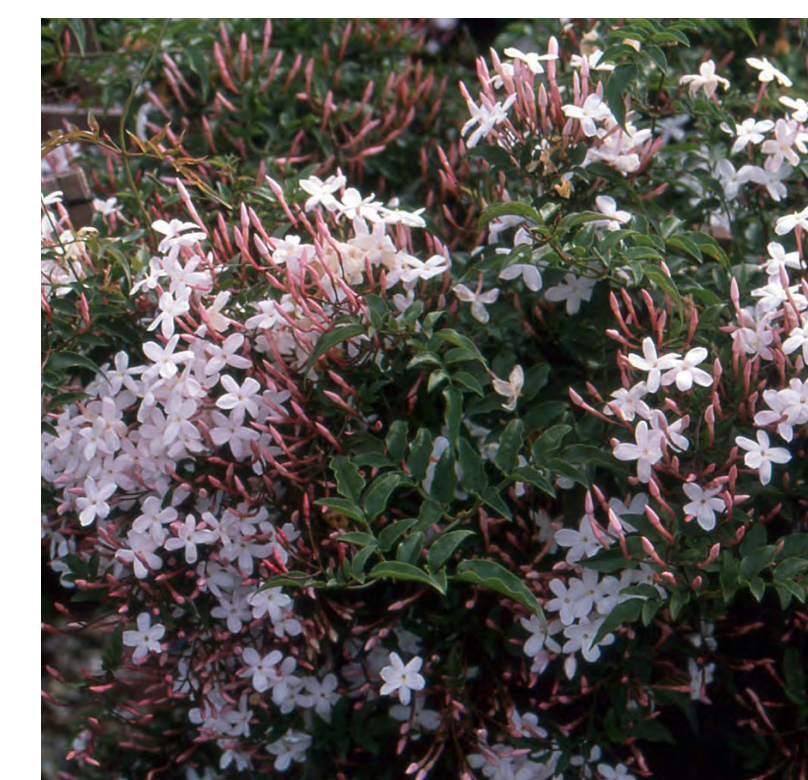
PLANTING AREA 7 - STORMWATER TREATMENT AREAS				
SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	WATER USE
	<i>Aristida purpurea</i>	Purple three awn		Low
	<i>Arctostaphylos densiflora 'McMinn'</i>	McMinn Manzanita	•	Low
	<i>Deschampsia cespitosa</i>	Tufted hairgrass	•	Low
	<i>Elymus glaucus</i>	Blue wildrye	•	Low
	<i>Heteromeles arbutifolia</i>	Toyon	•	Low
	<i>Rosa californica</i>	California rose	•	Low



Vitis vinifera



Passiflora edulis



Jasminum polyanthum



Distictis buccinatoria



Actinidia deliciosa



Rosa californica



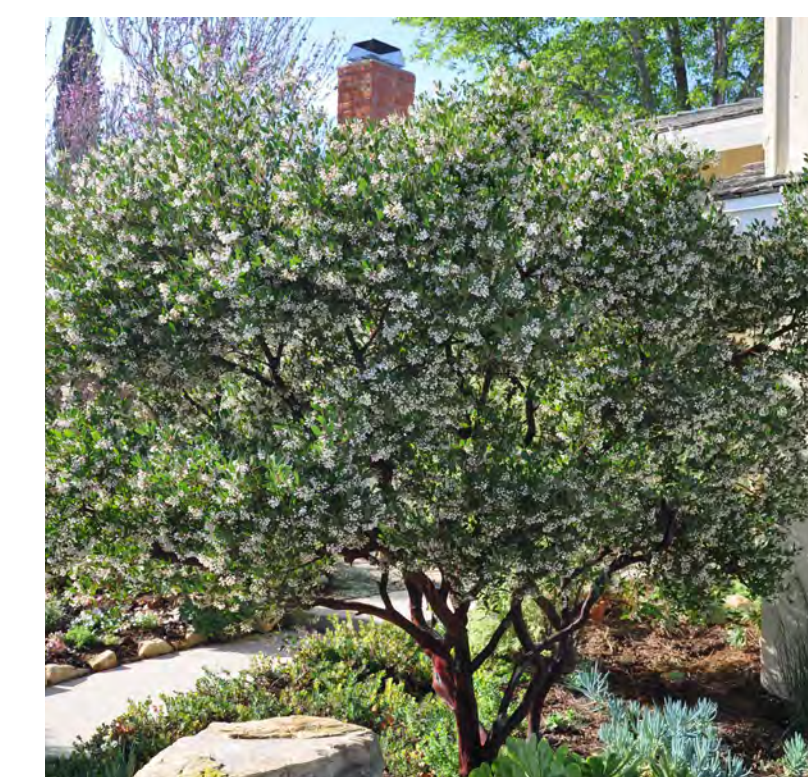
Heteromeles arbutifolia



Elymus glaucus



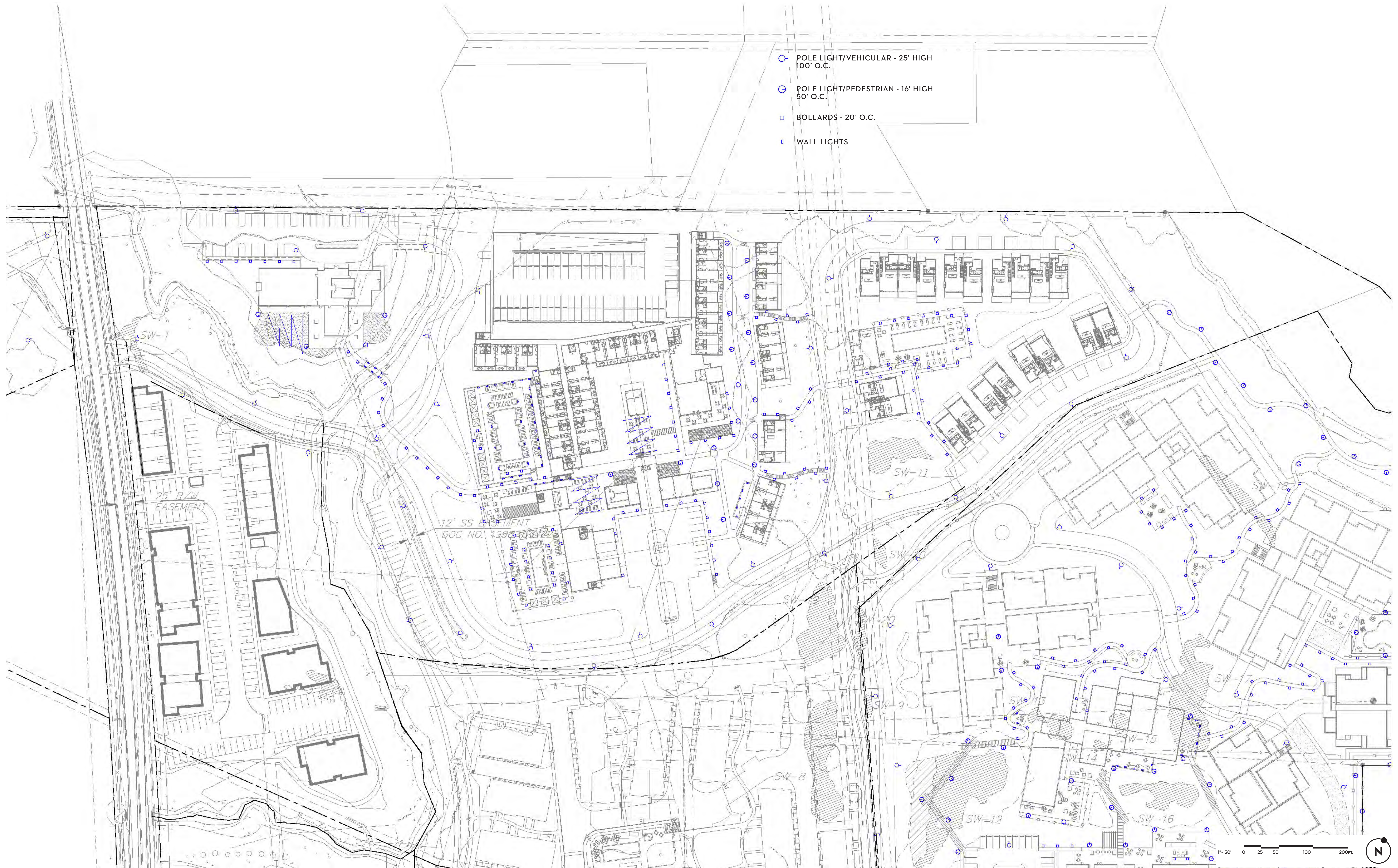
Deschampsia cespitosa



Arctostaphylos densiflora 'McMinn'



Aristida purpurea

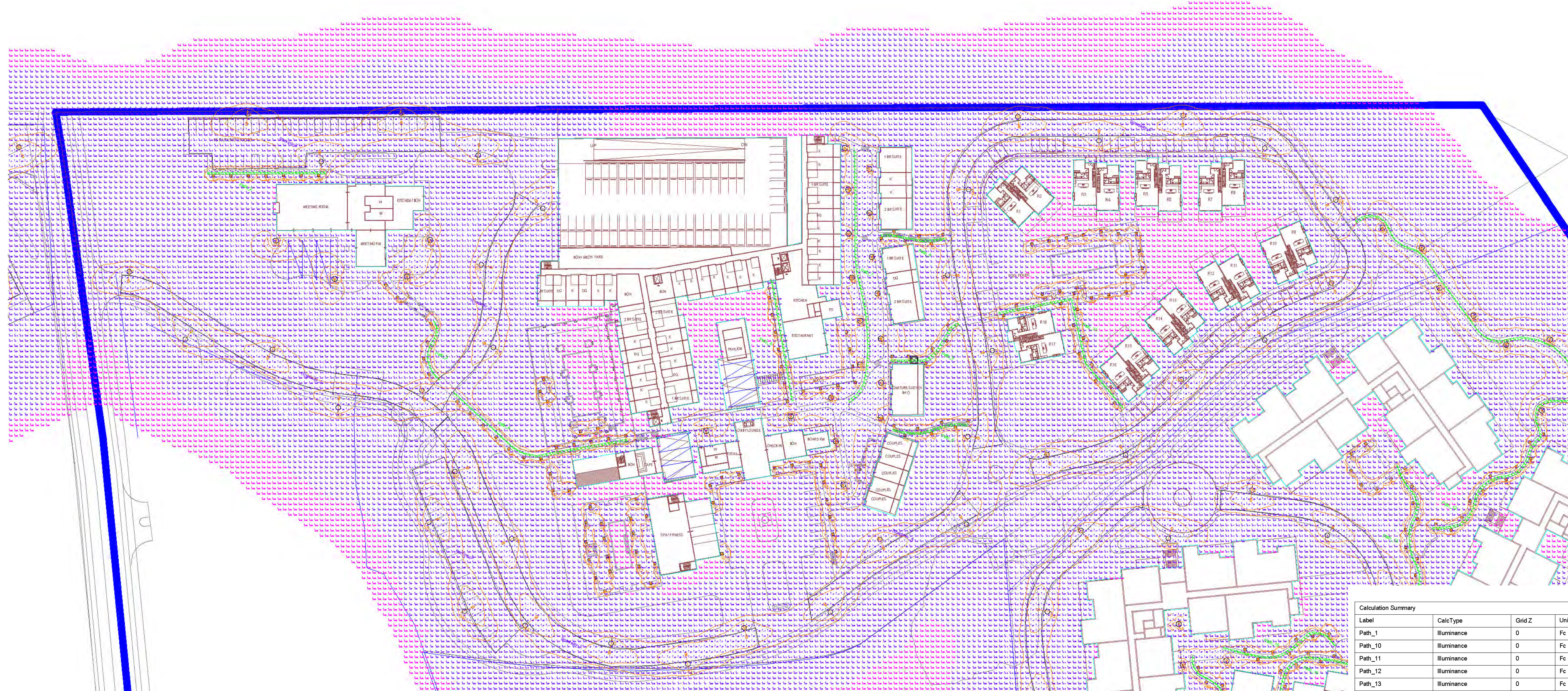




LIGHTING LAYOUT

Luminaire Schedule												
Symbol	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description	Mounting Height	Arm	Luminaire Watts	Data Source Filename
	326	S2	Single	1474	0.850	0.944	0.900	BEGA 84220-K4 1475 Lumens	2.96	0	15	84220K4_BEGA_ES.ies
	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens	18.479	0	36	77165.ies
	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens	25	5.2917	57	77950_BEGA_ES.ies

Calculation Summary									
Label	CalcType	Grid Z	Units	Avg	Max	Min	AvgMin	MaxMin	# Pts
Path_1	Illuminance	0	Fc	7.45	19.55	1.33	5.80	14.70	50
Path_10	Illuminance	0	Fc	5.73	19.31	0.14	40.93	137.93	57
Path_11	Illuminance	0	Fc	1.26	2.42	0.44	2.86	5.50	512
Path_12	Illuminance	0	Fc	3.93	12.16	0.53	7.42	22.94	68
Path_13	Illuminance	0	Fc	4.79	15.60	0.08	59.88	195.00	45
Path_14	Illuminance	0	Fc	2.97	19.18	0.51	5.82	37.61	103
Path_15	Illuminance	0	Fc	4.41	13.52	0.02	220.50	676.00	36
Path_16	Illuminance	0	Fc	4.63	11.63	0.51	9.47	22.80	40
Path_17	Illuminance	0	Fc	6.20	21.57	1.86	3.33	11.60	42
Path_18	Illuminance	0	Fc	5.49	16.23	0.19	28.89	85.42	123
Path_19	Illuminance	0	Fc	2.13	13.33	0.37	5.76	36.03	67
Path_2	Illuminance	0	Fc	5.30	10.93	1.27	4.17	9.81	34
Path_20	Illuminance	0	Fc	1.12	1.77	0.67	1.67	2.64	29
Path_21	Illuminance	0	Fc	6.40	19.23	0.24	26.67	80.13	39
Path_22	Illuminance	0	Fc	2.08	7.08	0.32	6.50	22.13	36
Path_23	Illuminance	0	Fc	1.45	9.43	0.55	2.64	17.15	67
Path_24	Illuminance	0	Fc	4.80	16.26	0.24	20.00	67.75	71
Path_25	Illuminance	0	Fc	4.58	11.01	0.21	21.81	52.43	33
Path_3	Illuminance	0	Fc	4.15	10.77	0.39	10.64	27.62	19
Path_4	Illuminance	0	Fc	3.76	10.11	1.23	3.06	8.22	57
Path_5	Illuminance	0	Fc	6.93	13.89	3.44	2.01	4.04	22
Path_6	Illuminance	0	Fc	2.14	5.12	0.04	53.50	128.00	35
Path_7	Illuminance	0	Fc	1.58	2.08	1.05	1.50	1.98	74
Path_8	Illuminance	0	Fc	7.79	14.97	3.67	2.18	4.19	19
Path_9	Illuminance	0	Fc	4.91	10.99	1.05	4.68	10.47	25
Parking_1	Illuminance	0	Fc	0.67	47.58	0.01	67.00	4758	724
Parking_2	Illuminance	0	Fc	0.59	1.93	0.05	11.80	38.60	362
Parking_3	Illuminance	0	Fc	0.62	1.74	0.19	3.44	9.67	240
Parking_4	Illuminance	0	Fc	0.91	2.05	0.09	10.11	22.78	453
Parking_5	Illuminance	0	Fc	0.81	1.89	0.09	9.00	22.11	150
Parking_6	Illuminance	0	Fc	0.87	1.99	0.14	6.21	14.21	269
Parking_7	Illuminance	0	Fc	0.70	1.85	0.28	2.50	6.61	202
Parking_8	Illuminance	0	Fc	0.67	1.89	0.19	3.53	9.95	216
Parking_9	Illuminance	0	Fc	0.68	2.06	0.05	13.60	41.20	1045
Roadway_1	Illuminance	0	Fc	0.80	1.89	0.15	5.33	12.60	298
Roadway_2	Illuminance	0	Fc	1.06	1.95	0.22	4.82	8.88	314
Roadway_3	Illuminance	0	Fc	1.02	1.92	0.48	2.13	4.00	146
Roadway_4	Illuminance	0	Fc	0.99	1.87	0.34	2.91	5.50	132
Roadway_5	Illuminance	0	Fc	0.98	1.95	0.22	4.45	8.88	662
Roadway_6	Illuminance	0	Fc	0.97	1.95	0.17	5.71	11.47	275
Roadway_7	Illuminance	0	Fc	0.90	1.82	0.24	3.75	7.58	259
Roadway_8	Illuminance	0	Fc	1.24	2.99	0.28	4.43	10.68	423



LIGHTING LAYOUT - WITH METER READINGS

Label	CalcType	Grid Z	Units	Avg	Max	Min	Avg/Min	Max/Min	# Pts
Path_1	Illuminance	0	Fc	7.45	19.55	1.33	5.60	14.70	50
Path_10	Illuminance	0	Fc	5.73	19.31	0.14	40.93	137.93	57
Path_11	Illuminance	0	Fc	1.26	2.42	0.44	2.86	5.50	512
Path_12	Illuminance	0	Fc	3.93	12.18	0.53	7.42	22.94	68
Path_13	Illuminance	0	Fc	4.79	15.60	0.08	59.88	195.00	45
Path_14	Illuminance	0	Fc	2.97	19.18	0.51	5.82	37.61	103
Path_15	Illuminance	0	Fc	4.41	13.52	0.02	220.50	676.00	36
Path_16	Illuminance	0	Fc	4.83	11.63	0.51	9.47	22.80	40
Path_17	Illuminance	0	Fc	6.20	21.57	1.86	3.33	11.60	42
Path_18	Illuminance	0	Fc	5.49	16.23	0.19	28.89	95.42	123
Path_19	Illuminance	0	Fc	2.13	13.33	0.37	5.76	36.03	67
Path_2	Illuminance	0	Fc	5.30	10.93	1.27	4.17	8.61	34
Path_20	Illuminance	0	Fc	1.12	1.77	0.67	1.67	2.64	29
Path_21	Illuminance	0	Fc	6.40	19.23	0.24	26.67	80.13	39
Path_22	Illuminance	0	Fc	2.08	7.08	0.32	6.50	22.13	36
Path_23	Illuminance	0	Fc	1.45	9.43	0.55	2.84	17.15	67
Path_24	Illuminance	0	Fc	4.80	16.26	0.24	20.00	67.75	71
Path_25	Illuminance	0	Fc	4.58	11.01	0.21	21.81	52.43	33
Path_3	Illuminance	0	Fc	4.15	10.77	0.39	10.64	27.82	19
Path_4	Illuminance	0	Fc	3.78	10.11	1.23	3.06	8.22	57
Path_5	Illuminance	0	Fc	6.93	13.89	3.44	2.01	4.04	22
Path_6	Illuminance	0	Fc	2.14	5.12	0.04	63.50	128.00	35
Path_7	Illuminance	0	Fc	1.58	2.09	1.05	1.50	1.98	74
Path_8	Illuminance	0	Fc	7.79	14.97	3.57	2.18	4.19	19
Path_9	Illuminance	0	Fc	4.91	10.99	1.05	4.68	10.47	25
Parking_1	Illuminance	0	Fc	0.67	47.58	0.01	67.00	4758	724
Parking_2	Illuminance	0	Fc	0.59	1.93	0.05	11.80	38.60	362
Parking_3	Illuminance	0	Fc	0.62	1.74	0.18	3.44	9.67	240
Parking_4	Illuminance	0	Fc	0.91	2.05	0.09	10.11	22.78	453
Parking_5	Illuminance	0	Fc	0.81	1.99	0.09	9.00	22.11	150
Parking_6	Illuminance	0	Fc	0.87	1.99	0.14	6.21	14.21	269
Parking_7	Illuminance	0	Fc	0.70	1.85	0.28	2.50	6.61	202
Parking_8	Illuminance	0	Fc	0.67	1.89	0.19	3.53	9.95	216
Parking_9	Illuminance	0	Fc	0.68	2.06	0.05	13.80	41.20	1045
Roadway_1	Illuminance	0	Fc	0.80	1.89	0.15	5.33	12.60	238
Roadway_2	Illuminance	0	Fc	1.08	1.85	0.22	4.82	8.86	314
Roadway_3	Illuminance	0	Fc	1.02	1.92	0.48	2.13	4.00	146
Roadway_4	Illuminance	0	Fc	0.99	1.87	0.34	2.91	5.50	132
Roadway_5	Illuminance	0	Fc	0.98	1.85	0.22	4.45	8.86	682
Roadway_6	Illuminance	0	Fc	0.87	1.85	0.17	5.71	11.47	275
Roadway_7	Illuminance	0	Fc	0.90	1.82	0.24	3.75	7.58	259
Roadway_8	Illuminance	0	Fc	1.24	2.99	0.28	4.43	10.68	423

Symbol	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description	Mounting Height	Arm	Luminaire Watts	Data Source Filename
	326	S2	Single	1474	0.850	0.944	0.900	BEGA 84220-K4 1475 Lumens	2.96	0	15	84220K4_BEGA_IES.ies
	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens	18.479	0	36	77165.ies
	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens	25	5.2917	57	77950_BEGA_IES.ies

LED wall luminaires - directed **BEGA**

Application: LED wall mounted luminaires with directed light designed to be mounted at various heights for general purpose illumination or glare free illumination when below eye level.

Materials: Luminaire housing constructed of die-cast marine grade, copper free (0.03% copper content) A360.0 aluminum alloy. Matte anodized. Silicone applied robotically to casting, plasma treated for immersion adhesion. Light temperature: 5000K. Mechanically captive stainless steel fasteners.


NRTL: Listed to North American Standards, suitable for wet locations. Protection class: IP65. Weight: 3.1 lbs.

Electrical: Operating voltage: 120-277VAC. Minimum start temperature: 40°C. LED module voltage: 8.3V. System voltage: 0-10V, TRIAC, and 0-1V dimmable. Color rendering index: Ra > 90. Lifetime (L70): 50k hours (3000K) / 100k hours (4000K). Lifetime at Ta=35°C: 322,000 h (L70).

LED color temperature: 3000K - Product number - **K4**. 3500K - Product number - **K5**. 4000K - Product number - **K6**. 5000K - Product number - **K7**.

BEGA can supply you with suitable LED replacement modules for up to 25 years after the purchase of LED luminaires - see website for details.

Finish: All US & Canada standard finishes are matte, textured polyester powder coat with minimum 0.3 mil thickness. Available colors: F Black (BK), F White (WT), F Silver (SLV), F Bronze (BRZ), F Silver (SLV), F Silver (SLV), F Silver (SLV).



LED wall luminaire - directed

Part No.	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description
84220	326	S2	Single	1474	0.850	0.944	0.900	BEGA 84220-K4 1475 Lumens
77165	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens
77950	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens

BEGA 1000 BEGA Way, Carlsbad, CA 92011 (805) 684-0333 info@bega-us.com

Shielded bollard - asymmetric wide beam **BEGA**

Application: The fully shielded design of this bollard provides visual comfort while illuminating ground surfaces. Provided with mounting system that allows the luminaire to be adjusted independent of anchor bolt orientation.

Materials: Luminaire housing constructed of die-cast marine grade, copper free (0.03% copper content) A360.0 aluminum alloy. Clear safety glass. Reflector made of pure anodized aluminum. Silicone applied robotically to casting, plasma treated for immersion adhesion.

NRTL: Listed to North American Standards, suitable for wet locations. Protection class: IP65. Weight: 9.8 lbs.

Electrical: Operating voltage: 120-277VAC. Minimum start temperature: 32°C. LED module voltage: 1.8V. System voltage: 0-10V, TRIAC, and 0-1V dimmable. Color rendering index: Ra > 90. Lifetime (L70): 475,000 h (3000K) / 950,000 h (4000K).

LED color temperature: 3000K - Product number - **K4**. 3500K - Product number - **K5**. 4000K - Product number - **K6**. 5000K - Product number - **K7**.

BEGA can supply you with suitable LED replacement modules for up to 25 years after the purchase of LED luminaires - see website for details.

Finish: All US & Canada standard finishes are matte, textured polyester powder coat with minimum 0.3 mil thickness. BEGA Unidark® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White, as well as optionally available F4L and custom colors, are a polyester powder.

Available colors: Black (BK), White (WT), F4L, Bronze (BRZ), Silver (SLV), Silver (SLV), CLS.

Available options: 70855 Direct (dual anchorage)



Shielded bollard - asymmetric wide beam

Part No.	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description
84220	114	S1	Single	1474	0.850	0.944	0.900	BEGA 84220-K4 1475 Lumens
77165	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens
77950	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens

BEGA 1000 BEGA Way, Carlsbad, CA 92011 (805) 684-0333 info@bega-us.com

Pole top luminaires with asymmetric flat beam light distribution

Housing/finer: Two piece die cast aluminum construction. The fixture is 3" (76.2 mm) pole top to top and is secured by six (6) spiked feet to the steel pole. The feet are made of stainless steel. The casting is made of die-cast, copper free (0.03% copper content) A360.0 aluminum alloy.

Enclosure: Clear acrylic diffuser with optics feature and reflector inside. Pure anodized aluminum. Heat treated by die-cast aluminum frame and stainless steel rods. Fully galvanized for weather light protection using a melamine core rubber O-ring gasket.

Electrical: 3" (76.2 mm) LED luminaire, 36.0 total luminaire lumens, 30°C ambient temperature. Integral 120V (0.47 A) electronic LED driver, 0-10V dimming. LED modules are available from factory for easy replacement. Standard LED color temperature is 4000K with a CRI of 90. Available in 3000K, 3500K, 4000K, 5000K, 6000K, 6500K, 7000K, 8000K, 9000K, 10000K.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical details, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 0.3 mil thickness. Available in four standard BEGA colors: Black (BK), White (WT), Bronze (BRZ), Silver (SLV). To specify, include the color code in the casting number. Custom colors supplied at special order.

CSA: Certified to U.S. and Canadian standards, suitable for wet locations. Protection class: IP65.

Weight: 11.0 lbs.

EPA (Effective projection area): 1.1 sq. ft.

Luminaire Lumens: 3134



Pole top luminaire with asymmetric flat beam light distribution

Part No.	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description
77165	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens
77950	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens

BEGA 1000 BEGA Way, Carlsbad, CA 92011 (805) 684-0333 FAX (805) 566-9474 www.bega-us.com

LED pole-top luminaire with asymmetrical wide spread light distribution and outrigger arm

Housing: Die-cast aluminum housing, complete with anodized, black (0.03% copper content) A360.0 aluminum alloy. The luminaire is mounted to the pole with an integrated mounting system and single set screw. Die casting is made of copper free (0.03% copper content) A360.0 aluminum alloy.

Enclosure: Enclosure is finished, clear acrylic with a stainless steel frame and stainless steel rods. Fully galvanized for weather light protection using a melamine core rubber O-ring gasket. Above horizontal fully galvanized for weather light protection using a melamine core rubber O-ring gasket.

Electrical: 50.0W LED luminaire, 57.0 total luminaire lumens, 30°C ambient temperature, integral 120V (0.47 A) electronic LED driver, 0-10V dimming. Integral surge protection to protect the luminaire against surges rated up to 15kV. LED modules are available from factory for easy replacement. Standard LED color temperature is 4000K with a CRI of 90. Available in 3000K, 3500K, 4000K, 5000K, 6000K, 6500K, 7000K, 8000K, 9000K, 10000K.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical details, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 0.3 mil thickness. Available in four standard BEGA colors: Black (BK), White (WT), Bronze (BRZ), Silver (SLV). To specify, include the color code in the casting number. Custom colors supplied at special order.

CSA: Certified to U.S. and Canadian standards, suitable for wet locations. Protection class: IP65.

Weight: 20.0 lbs.

EPA (Effective projection area): 1.2 sq. ft.

Luminaire Lumens: 4974

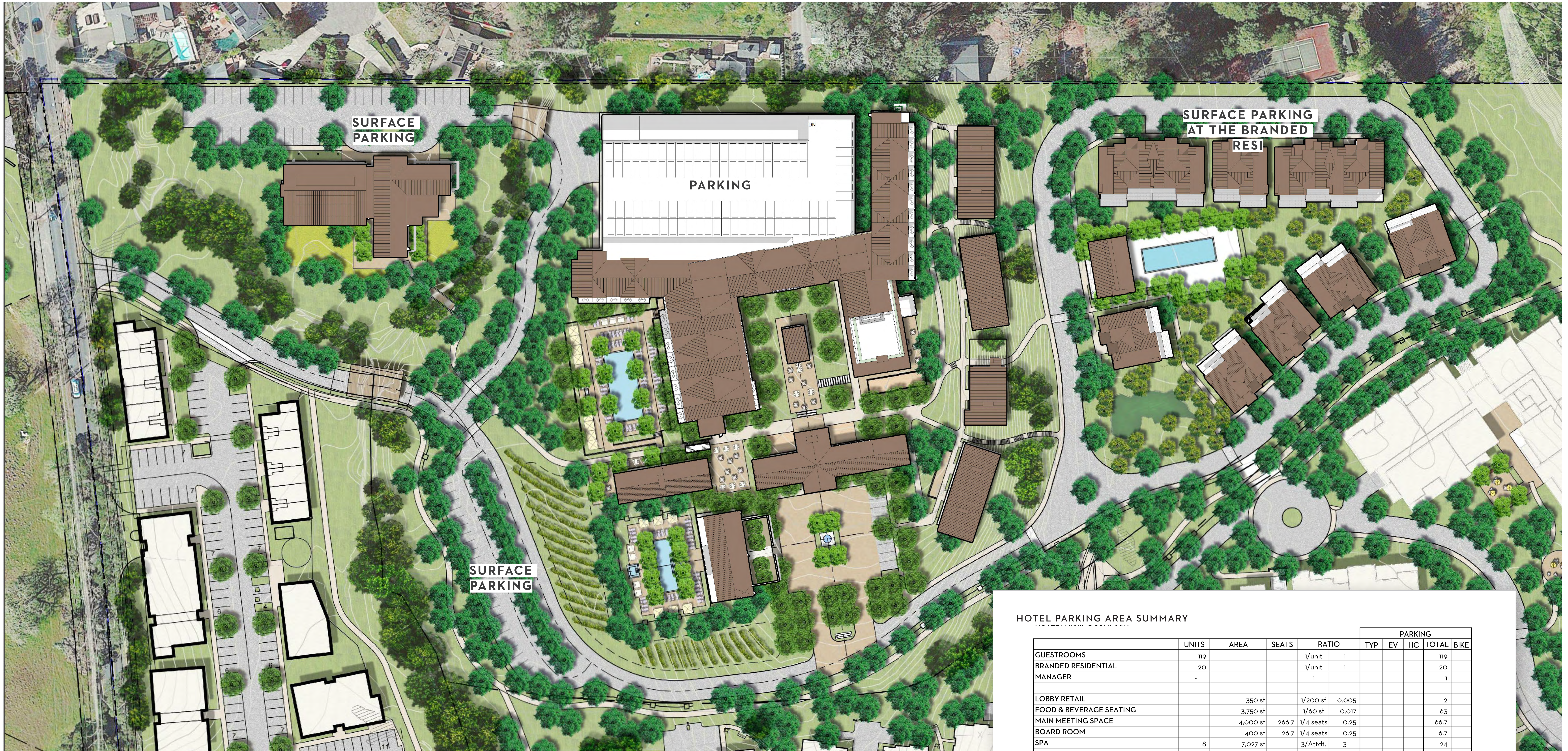


LED pole-top luminaire with asymmetrical wide spread light distribution and outrigger arm

Part No.	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description
77950	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens

BEGA-US 1000 BEGA Way, Carlsbad, CA 92011 (805) 684-0333 FAX (805) 566-9474 www.bega-us.com

Symbol	Qty	Tag	Arrangement	Luminaire Lumens	LLF	LLD	LDD	Description	Mounting Height	Arm	Luminaire Watts	Data Source Filename
	326	S2	Single	1474	0.850	0.944	0.900	BEGA 84220-K4 1475 Lumens	2.96	0	15	84220K4_BEGA_IES.ies
	124	S3	Single	3134	0.850	0.944	0.900	BEGA 77165-K4 3134 Lumens	18.479	0	36	77165.ies
	96	S5	Single	4974	0.850	0.944	0.900	BEGA 77950-K4 4974 Lumens	25	5.2917	57	77950_BEGA_IES.ies

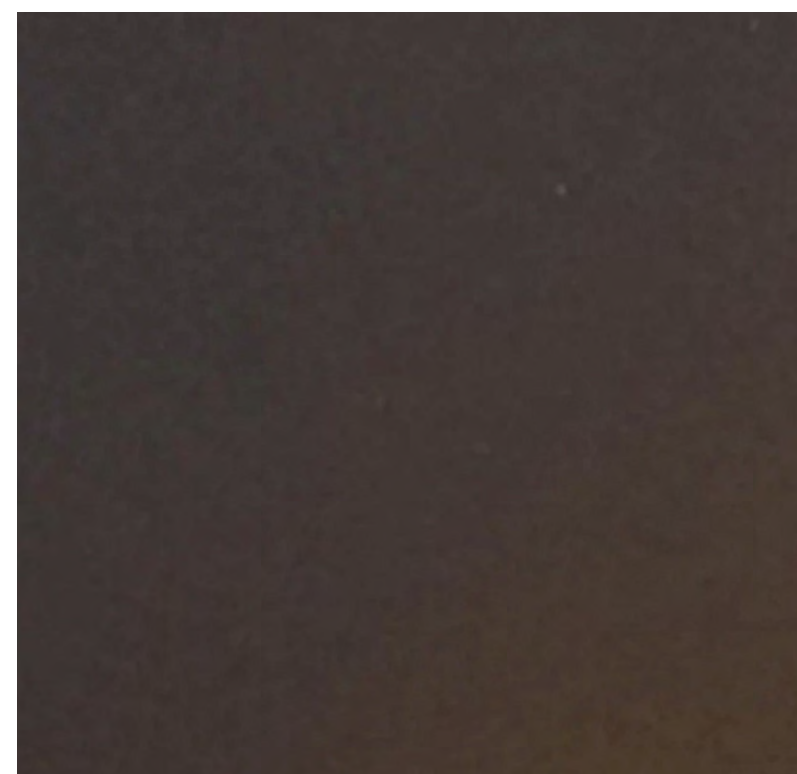


HOTEL PARKING AREA SUMMARY

	UNITS	AREA	SEATS	RATIO	PARKING				
					TYP	EV	HC	TOTAL	BIKE
GUESTROOMS	119			1/unit	1				119
BRANDED RESIDENTIAL	20			1/unit	1				20
MANAGER				1					1
LOBBY RETAIL		350 sf		1/200 sf	0.005				2
FOOD & BEVERAGE SEATING		3,750 sf		1/60 sf	0.017				63
MAIN MEETING SPACE		4,000 sf	266.7	1/4 seats	0.25				66.7
BOARD ROOM		400 sf	26.7	1/4 seats	0.25				6.7
SPA	8	7,027 sf		3/Attnd.	3				24
BACK OF HOUSE OFFICES		4,314 sf		1/250 sf	0.004				17
				SURFACE					
				BASEMENT		10%	4%		5%
REQUIRED PARKING					27.4	32	13		319
PARKING PROVIDED		51,119 sf		32,243 sf	27.8	32	13		323

*25% of total spaces will be EV Ready. 5% of total spaces will be EV capable.

(Exclude)									
Small Function Space		1,500 sf	100.0	1/4 seats	0.25				25.0
Pools (3)		7,300		1/100 sf	0.01				73



MT- 01 -ALUMINUM - DARK BRONZE



MT- 02 -STANDING SEAM METAL ROOF



ST-01-STONE LIMESTONE



PL-01-STUCCO BEIGE



WD-01 - HARDIE SIDING -BOARD BATTEN



GL- 01 - VISION GLASS

