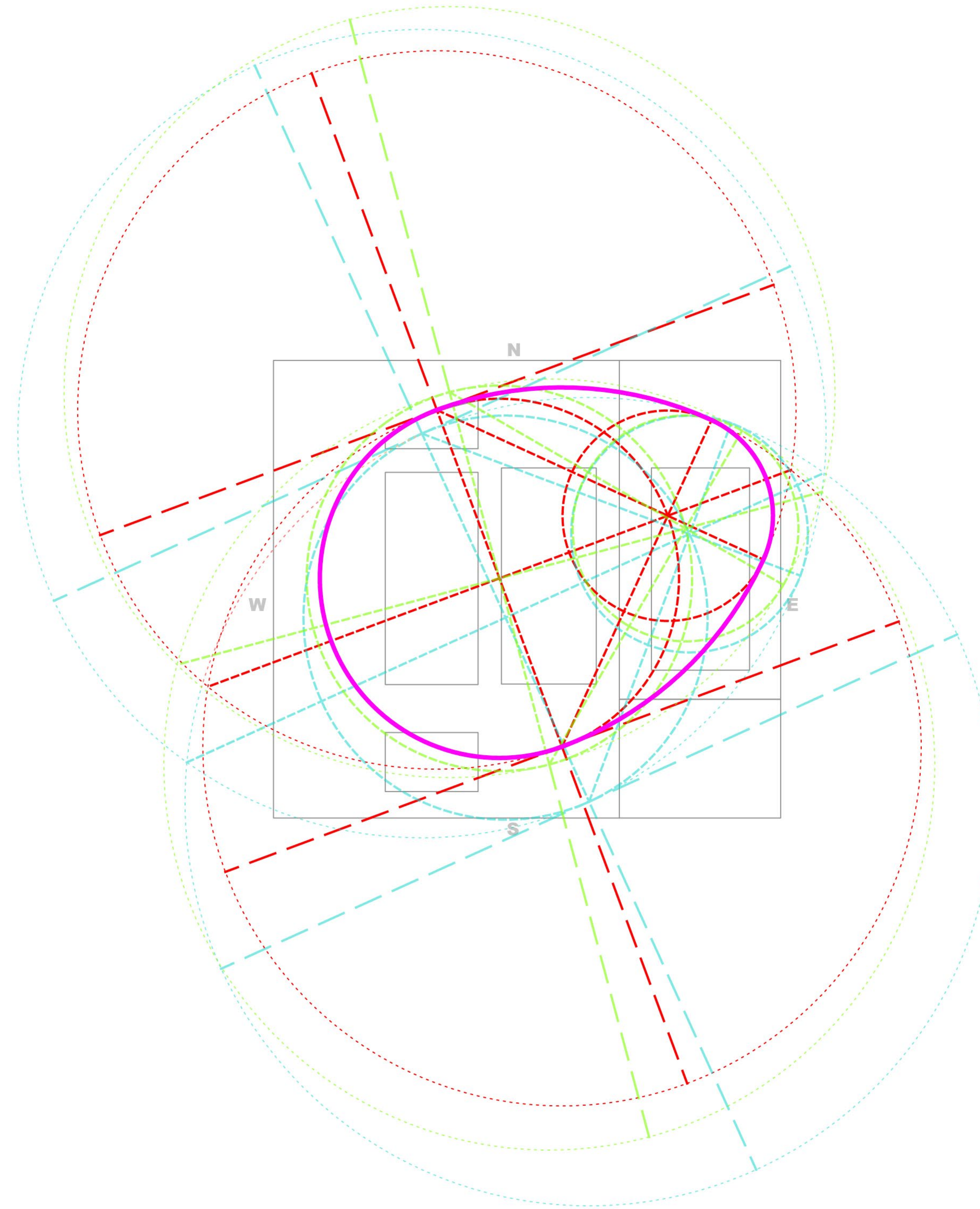


Attachment D



INDEX

COVER 01

LOCATION PLAN..... 02

OVERVIEW PLAN..... 03

TREE REMOVAL AND PROTECTION PLAN..... 04

DEMOLITION PLAN..... 05

OPEN SPACE PLAN..... 06

LANDSCAPE PLAN..... 07

PLANTING PLAN..... 08

SITE PLAN FOOTPRINT..... 09

FLOOR PLAN..... 10

BLEACHER PLAN..... 11

ROOF PLAN..... 12

ENLARGE FLOOR PLAN (ROOM SIZE)..... 13

OVERALL ELEVATIONS..... 14

EAST & WEST ELEVATION..... 15

NORTH & SOUTH ELEVATION..... 16

SECTIONS..... 17

OVERALL SECTIONS..... 18

ADA ACCESS ROUTE..... 19

PARKING TO FACILITY ACCESS ROUTE..... 20

TRASH AND MYRTHA POOL ACCESS..... 21

CONSTRUCTION IMPACT DIAGRAM..... 22

PARKING PLAN..... 23

FOUNDATION PLAN..... 24

FOUNDATION SECTIONS..... 25

GRADING PLAN..... 26

HORIZONTAL CONTROL PLAN..... 27

SITE TRAFFIC / DEWATERING PLAN..... 28

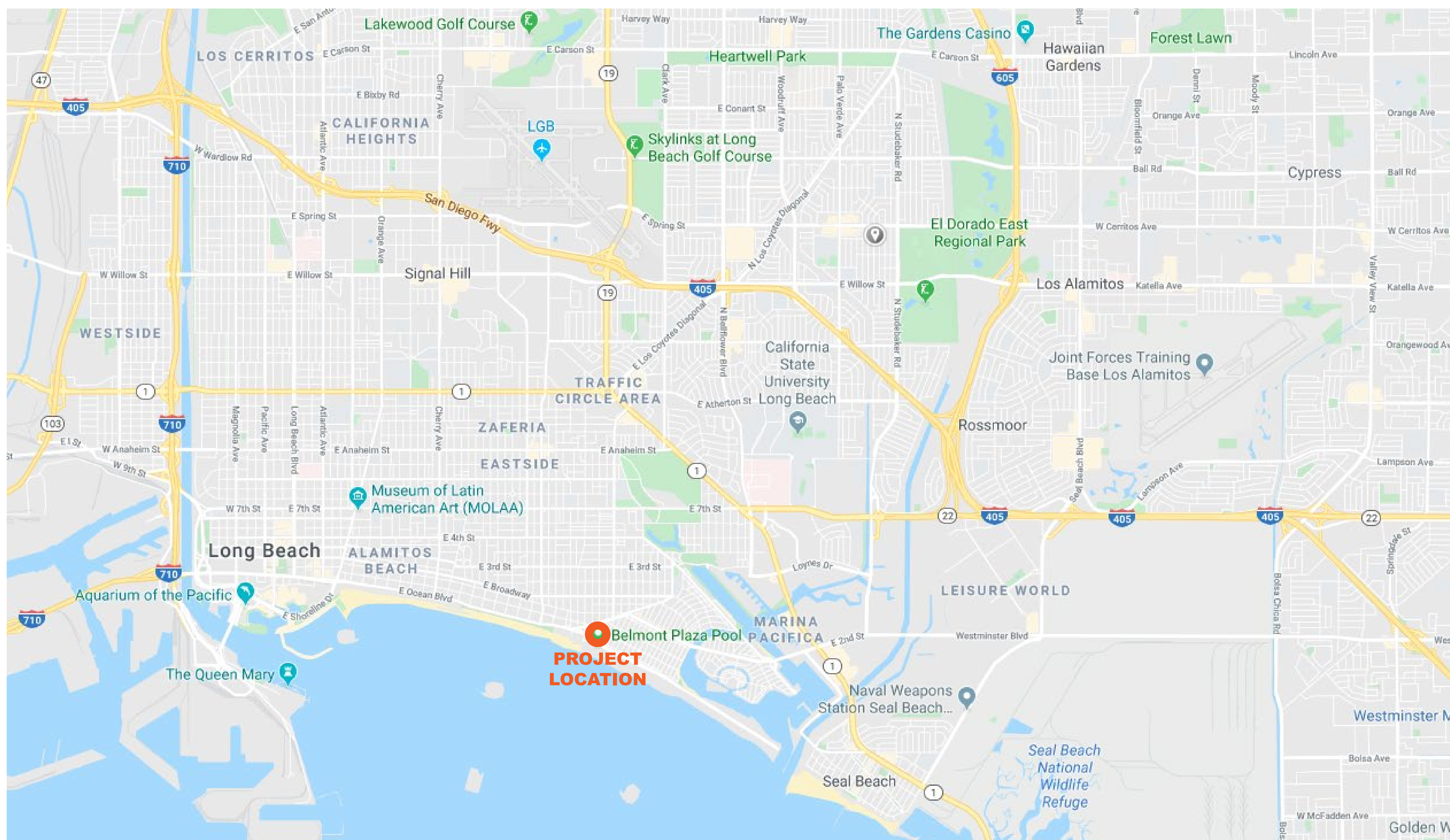
STORMWATER QUALITY PLAN..... 29

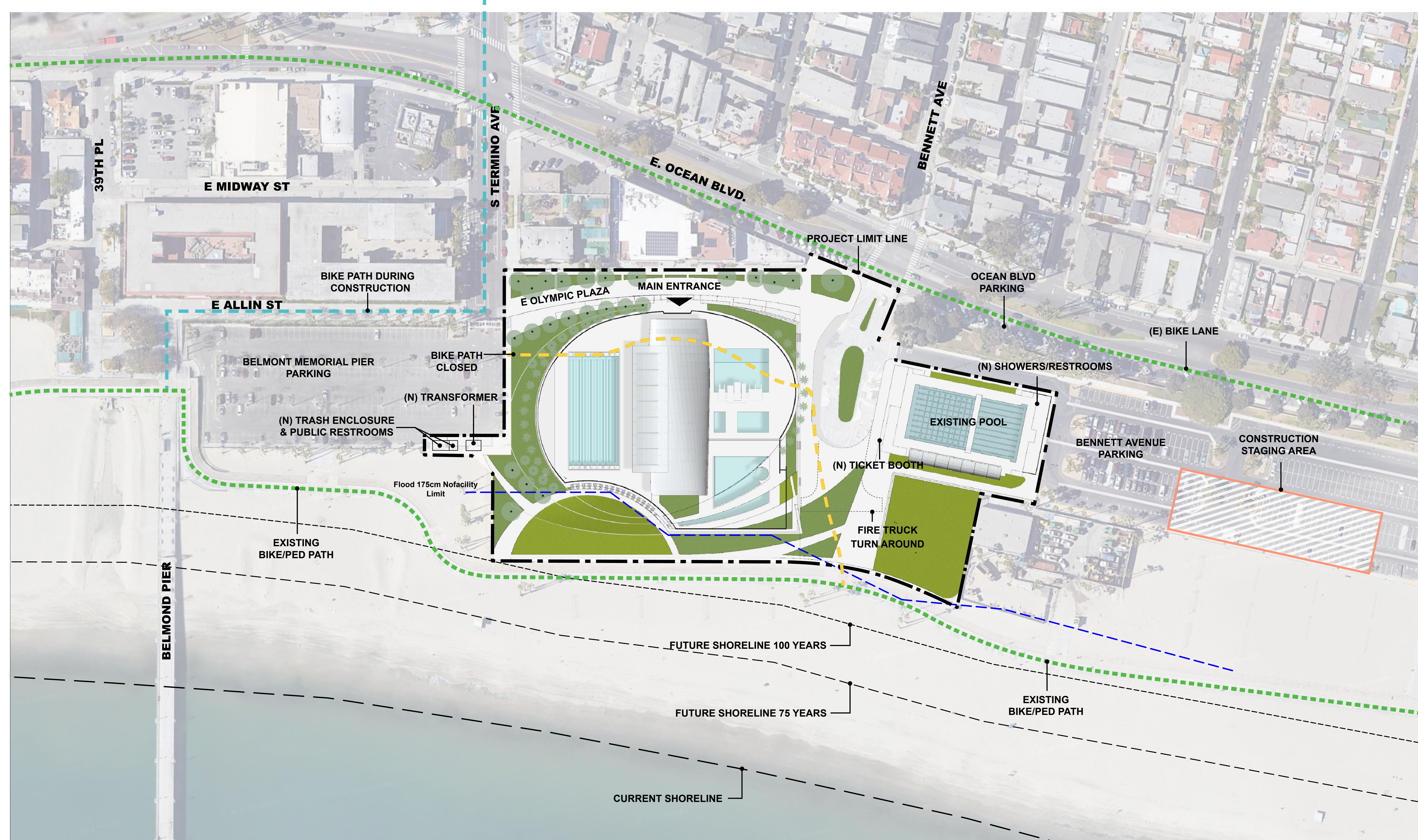
UTILITIES PLAN..... 30

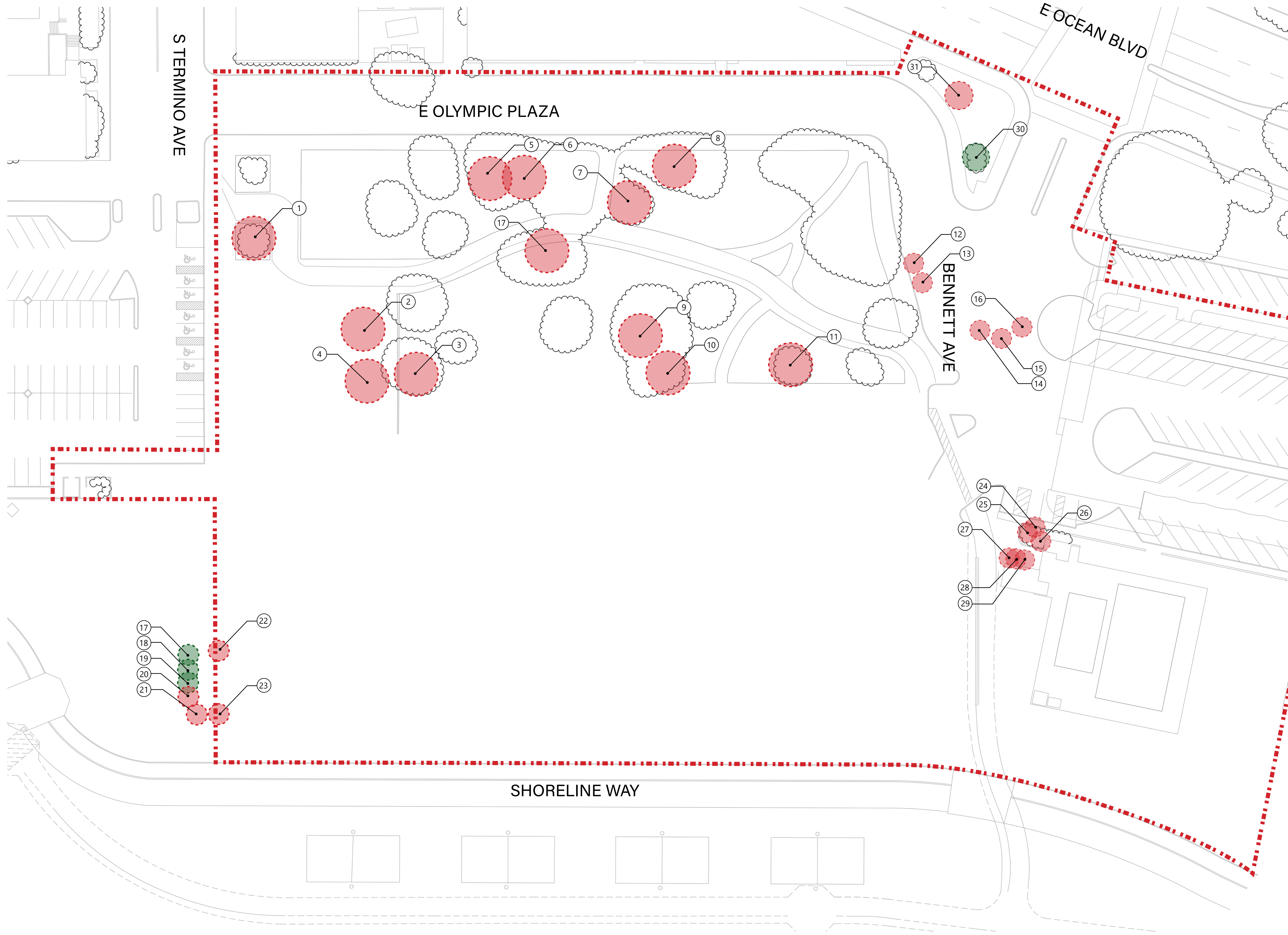
MECHANICAL PLAN..... 31

LIGHTING PLAN..... 32

OUTDOOR SPEAKER LAYOUT..... 33







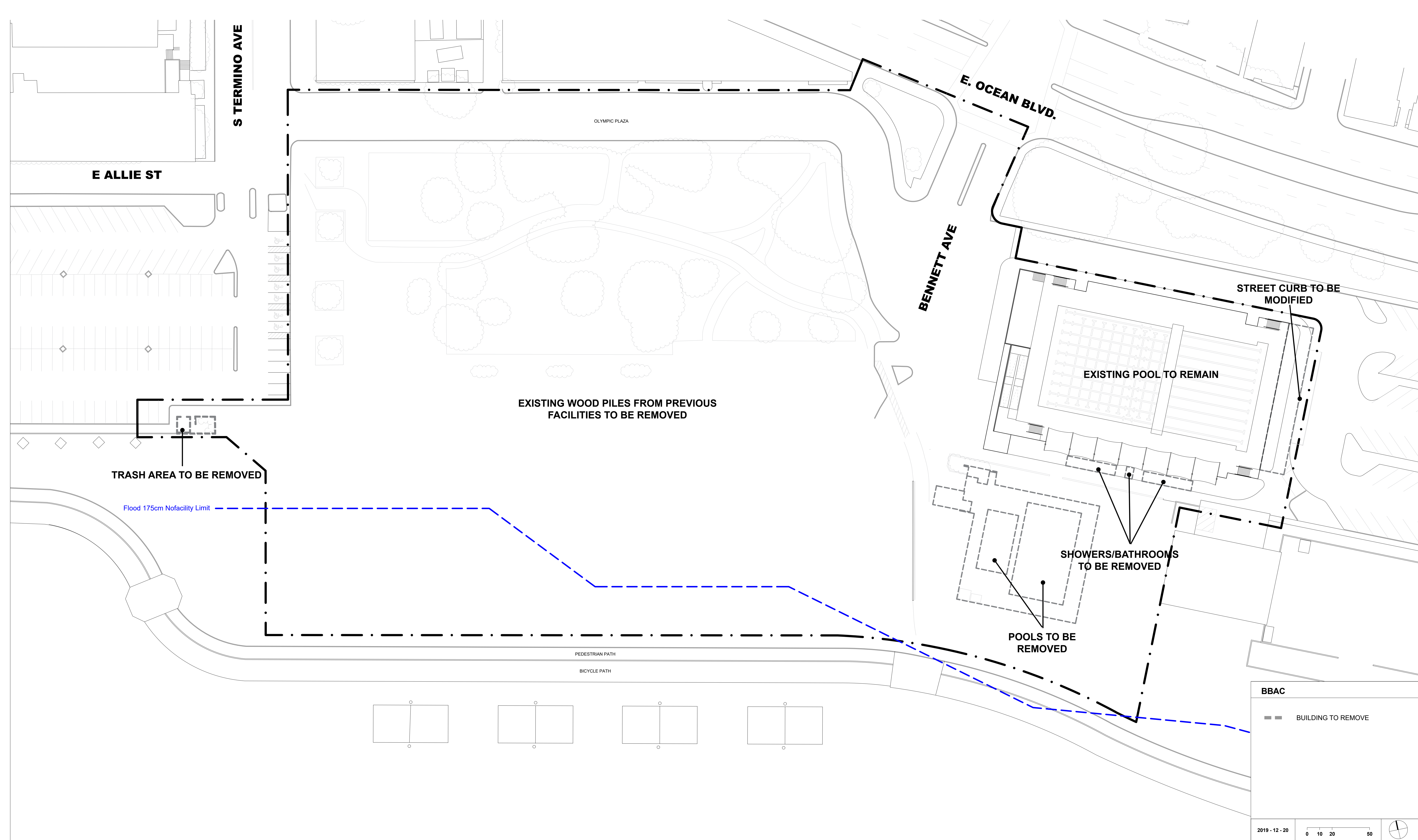
EXISTING TREE INVENTORY

BOTANIC NAME	COMMON NAME	HEIGHT	RETAIN/REMOVE
1. <i>Phoenix sp.</i>	DATE PALM	15'	REMOVE (conflict with landscape design)
2. <i>Eucalyptus sp.</i>	GUM TREE	36'	REMOVE (conflict with architecture design)
3. <i>Eucalyptus sp.</i>	GUM TREE	35'	REMOVE (conflict with architecture design)
4. <i>Eucalyptus sp.</i>	GUM TREE	35'	REMOVE (conflict with architecture design)
5. <i>Quercus sp.</i>	OAK TREE	40'	REMOVE (conflict with landscape design)
6. <i>Pinus sp.</i>	PINE	45'	REMOVE (conflict with landscape design)
7. <i>Metrosideros sp.</i>	POHUTUKAWA	22'	REMOVE (conflict with architecture design)
8. <i>Metrosideros sp.</i>	POHUTUKAWA	30'	REMOVE (conflict with landscape design)
9. <i>Quercus sp.</i>	OAK TREE	48'	REMOVE (conflict with architecture design)
10. <i>Eucalyptus sp.</i>	GUM TREE	42'	REMOVE (conflict with architecture design)
11. <i>Eucalyptus sp.</i>	GUM TREE	46'	REMOVE (conflict with architecture design)
12. N/A*	N/A*	6'	REMOVE (conflict with landscape design)
13. N/A*	N/A*	7'	REMOVE (conflict with landscape design)
14. N/A**	N/A**	5'	REMOVE (conflict with landscape design)
15. N/A**	N/A**	5'	REMOVE (conflict with landscape design)
16. N/A**	N/A**	5'	REMOVE (conflict with landscape design)
17. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	RETAIN
18. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	RETAIN
19. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	RETAIN
20. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	REMOVE (conflict with landscape design)
21. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	REMOVE (conflict with landscape design)
22. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	REMOVE (conflict with landscape design)
23. <i>Washingtonia robusta</i>	Mexican Fan Palm	70'	REMOVE (conflict with landscape design)
24. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
25. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
26. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
27. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
28. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
29. <i>Chamaerops humilis</i>	Mediterranean Dwarf Palm	15'	REMOVE (conflict with landscape design)
30. <i>Callistemon sp.</i>	Bottle Brush Tree	18'	RETAIN
31. <i>Callistemon sp.</i>	Bottle Brush Tree	18'	REMOVE (conflict with landscape design)

* INCLUSIVE BOX MULTI-TRUNK TREES
 ** POT PLANT

EXISTING TREE TO REMOVE
 TOTAL: 27
 EXISTING TREE TO RETAIN
 TOTAL: 4

NOTE:
 2 NEW TREES FOR EACH EXISTING REMOVED



BBAC

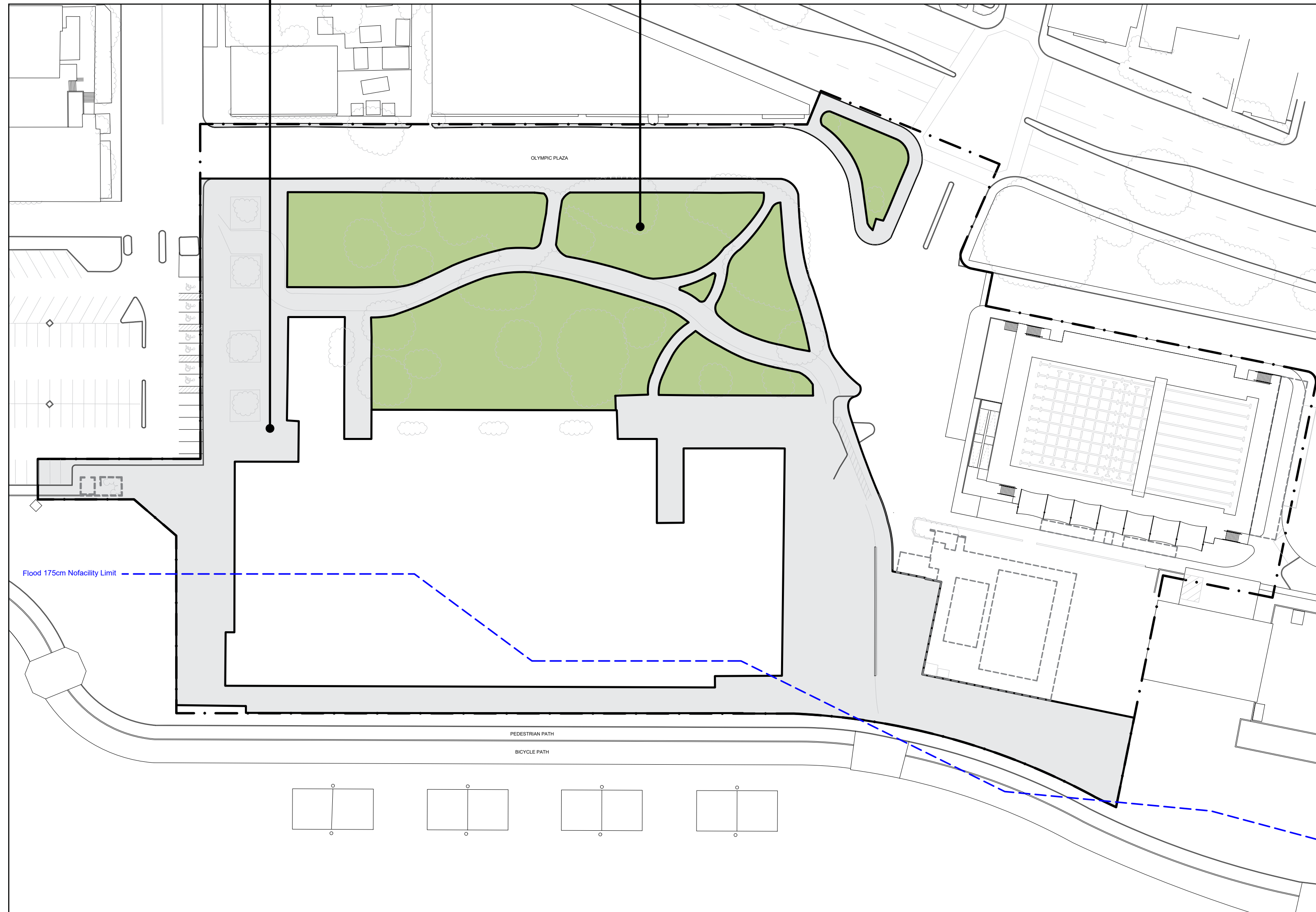
--- BUILDING TO REMOVE

2019 - 12 - 20

0 10 20 50

OPEN SPACE AREA
136,711 SF

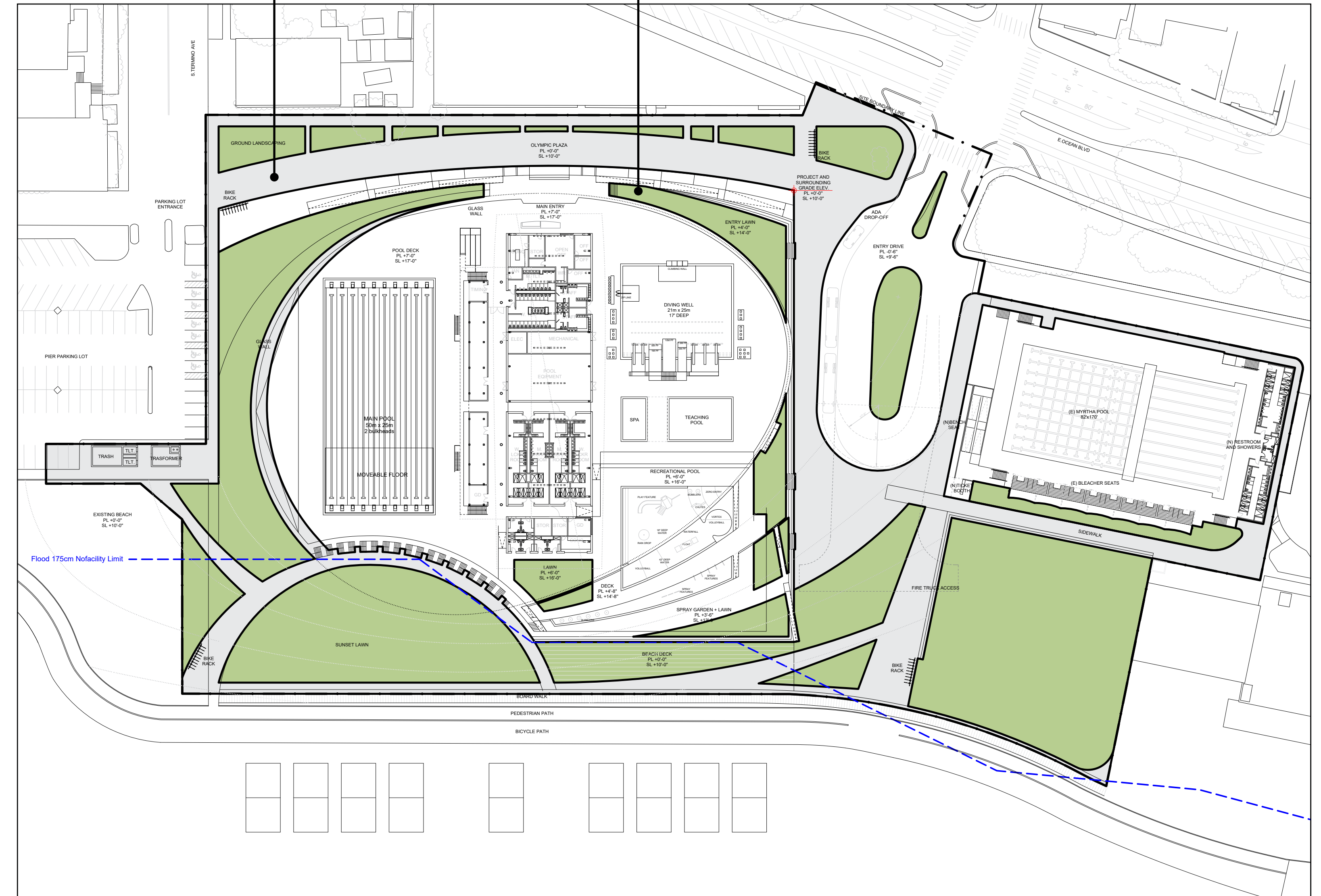
GREEN SPACE AREA
47,706 SF



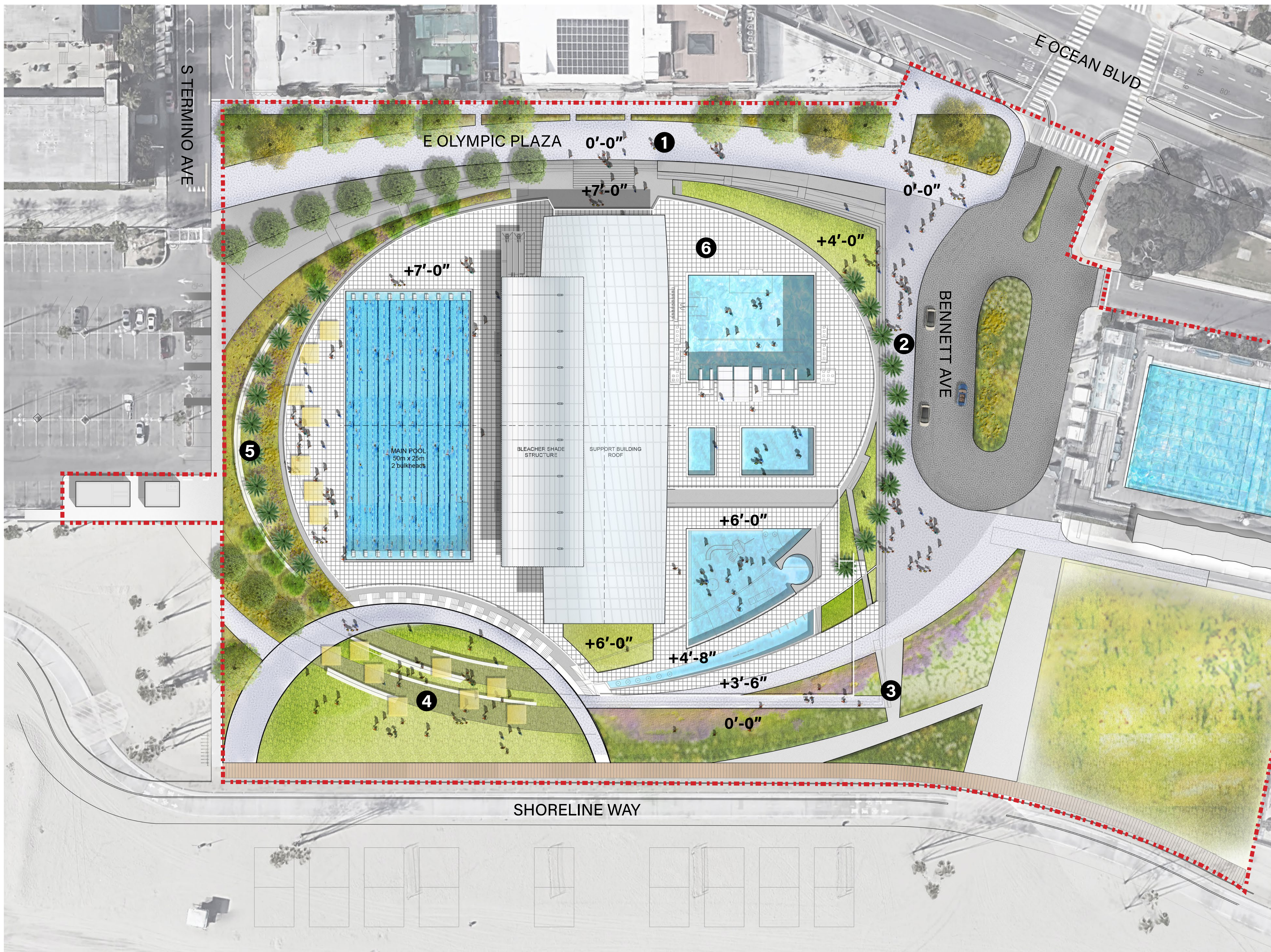
EXISTING OPEN SPACE

OPEN SPACE AREA
141,558 SF

GREEN SPACE AREA
88,876 SF

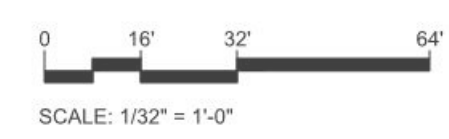


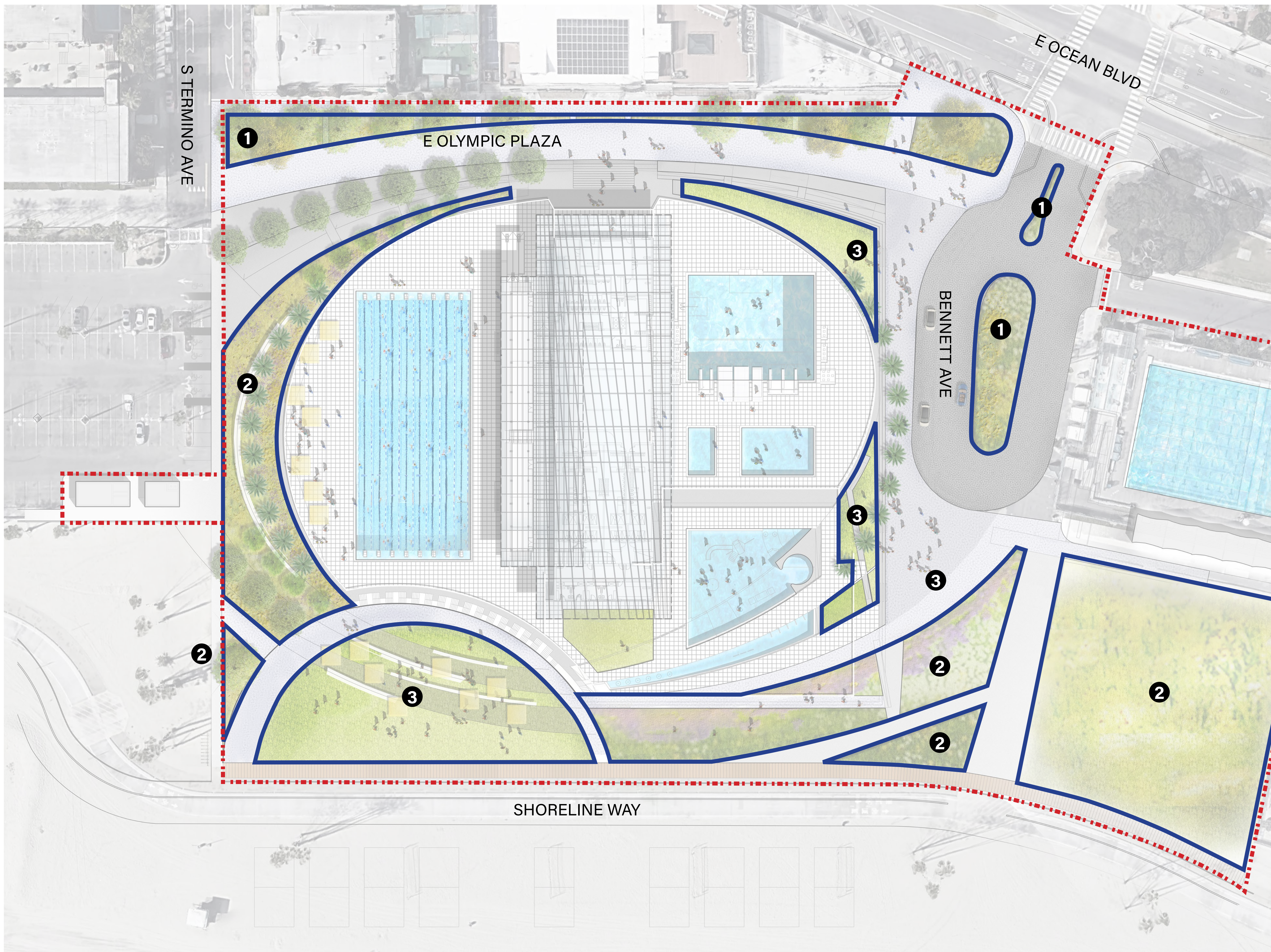
PROPOSED OPEN SPACE



LEGEND

- 1** ENTRY PLAZA / PROMENADE
- 2** DROP OFF PLAZA
- 3** DUNESCAPE
- 4** EVENT LAWN
- 5** SLOPED GARDEN
- 6** POOL DECK





PLANTING LIST

TREE

BOTANIC NAME	COMMON NAME	TREE SIZE	TREE COUNTS
<i>Quercus agrifolia</i>	Coast Live Oak	60" BOX	3
<i>Prosopis phoenix</i>	Thornless South American Mesquite	48" BOX	6
<i>Pinus torreyana</i>	Torrey Pine	48" BOX	11
<i>Chitalpa tashkentensis</i>	Chitalpa	36" BOX	12
<i>Washingtonia filifera</i>	California Palm	26' BTH	22

TOTAL

54

SHRUBS

1 ENTRY LANDSCAPE

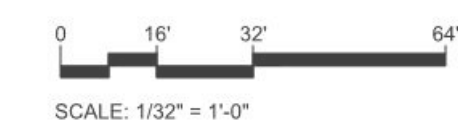
BOTANIC NAME	COMMON NAME	SIZE	SPACING
<i>Agave vilmoriniana</i>	Octopus Agave	10 GAL	3'-0" O.C.
<i>Aloe striata</i>	Coral Aloe	5 GAL	2'-0" O.C.
<i>Aloe Moonglow</i>	Moonglow Sunbird Aloe	5 GAL	2'-0" O.C.
<i>Euphorbia rigida</i>	Silver Spurge	5 GAL	2'-0" O.C.
<i>Muhlenbergia dubia</i>	Pine Muhly	1 GAL	2'-6" O.C.
<i>Yucca rostrata</i>	Beaked yucca	24" BOX	6'-0" O.C.
<i>Baccharis 'Pigeon Point'</i>	Coyote brush	5 GAL	3'-0" O.C.

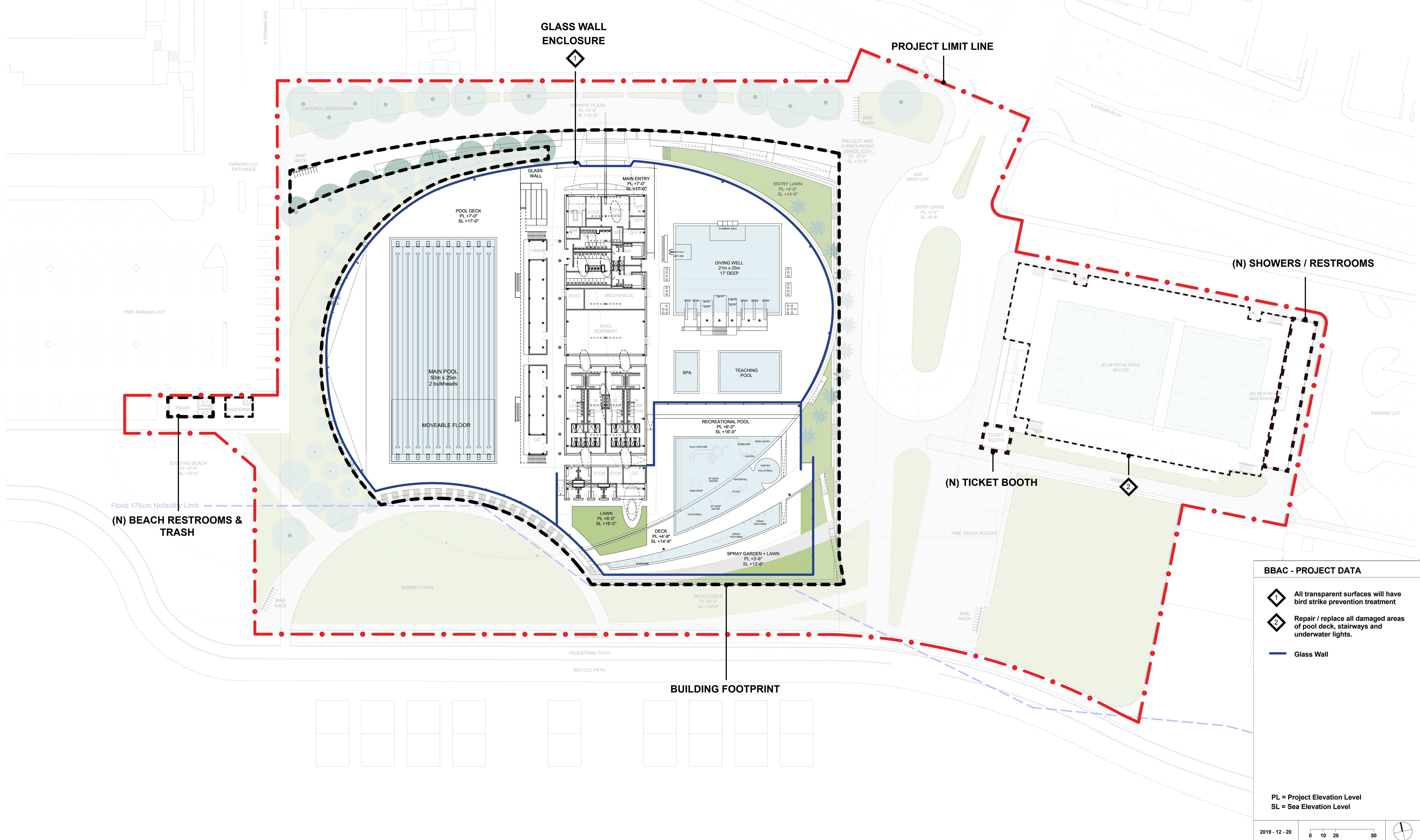
2 TRANSITION LANDSCAPE

BOTANIC NAME	COMMON NAME	SIZE	SPACING
<i>Carex praegracilis</i>	California Field Sedge	1 GAL	1'-0" O.C.
<i>Opuntia littoralis</i>	Coastal prickly pear	5 GAL	4'-0" O.C.
<i>Sporobolus airoides</i>	Alkali sacaton	1 GAL	3'-0" O.C.
<i>Leymus 'Canyon Prince'</i>	Canyon Prince Giant Rye Grass	1 GAL	3'-0" O.C.
<i>Datura wrightii</i>	Sacred datura	1 GAL	3'-0" O.C.
<i>Encelia californica</i>	California brittlebush	1 GAL	3'-0" O.C.

3 TURF

Marathon II, sod





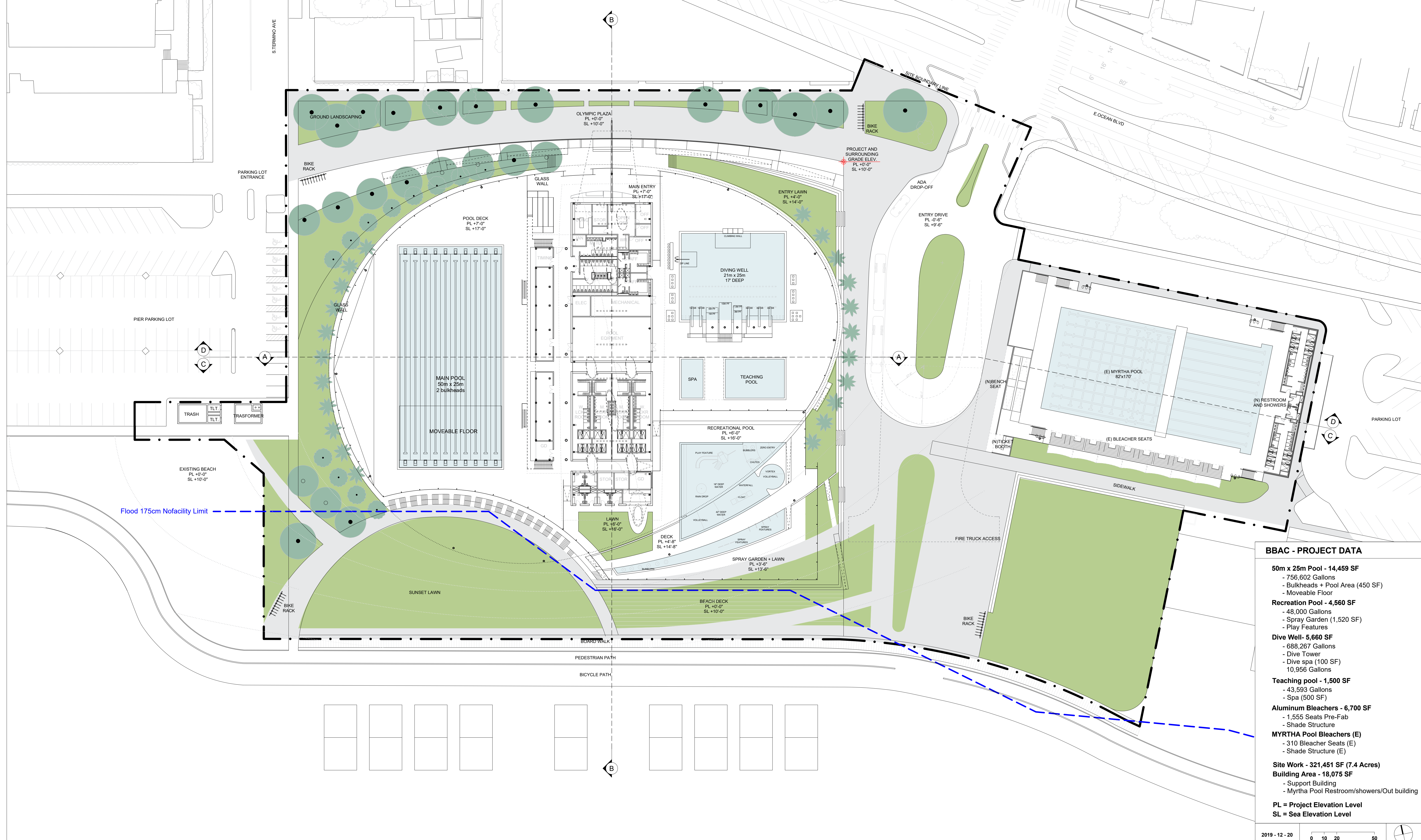
BBAC - PROJECT DATA

- 1 All transparent surfaces will have bird strike prevention treatment
- 2 Repair / replace all damaged areas of pool deck, stairways and underwater lights.
- Glass Wall

PL = Project Elevation Level
SL = Sea Elevation Level

2019 - 12 - 20

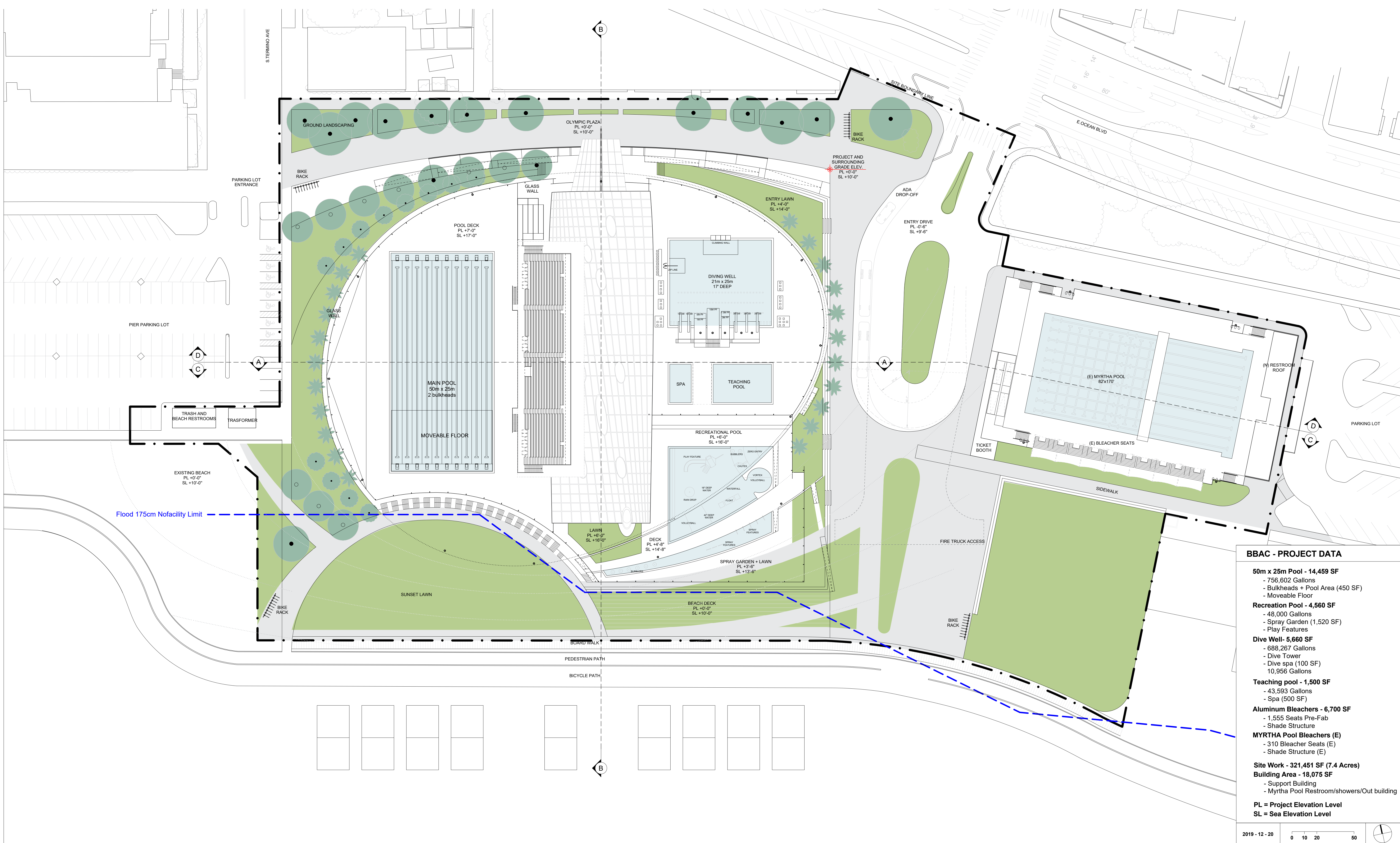
0 10 20 50



BBAC - PROJECT DATA

50m x 25m Pool - 14,459 SF
- 756,602 Gallons
- Bulkheads + Pool Area (450 SF)
- Moveable Floor
Recreation Pool - 4,560 SF
- 48,000 Gallons
- Spray Garden (1,520 SF)
- Play Features
Dive Well - 5,660 SF
- 688,267 Gallons
- Dive Tower
- Dive spa (100 SF)
10,956 Gallons
Teaching pool - 1,500 SF
- 43,593 Gallons
- Spa (500 SF)
Aluminum Bleachers - 6,700 SF
- 1,555 Seats Pre-Fab
- Shade Structure
MYRTHA Pool Bleachers (E)
- 310 Bleacher Seats (E)
- Shade Structure (E)
Site Work - 321,451 SF (7.4 Acres)
Building Area - 18,075 SF
- Support Building
- Myrtha Pool Restroom/showers/Out building
PL = Project Elevation Level
SL = Sea Elevation Level

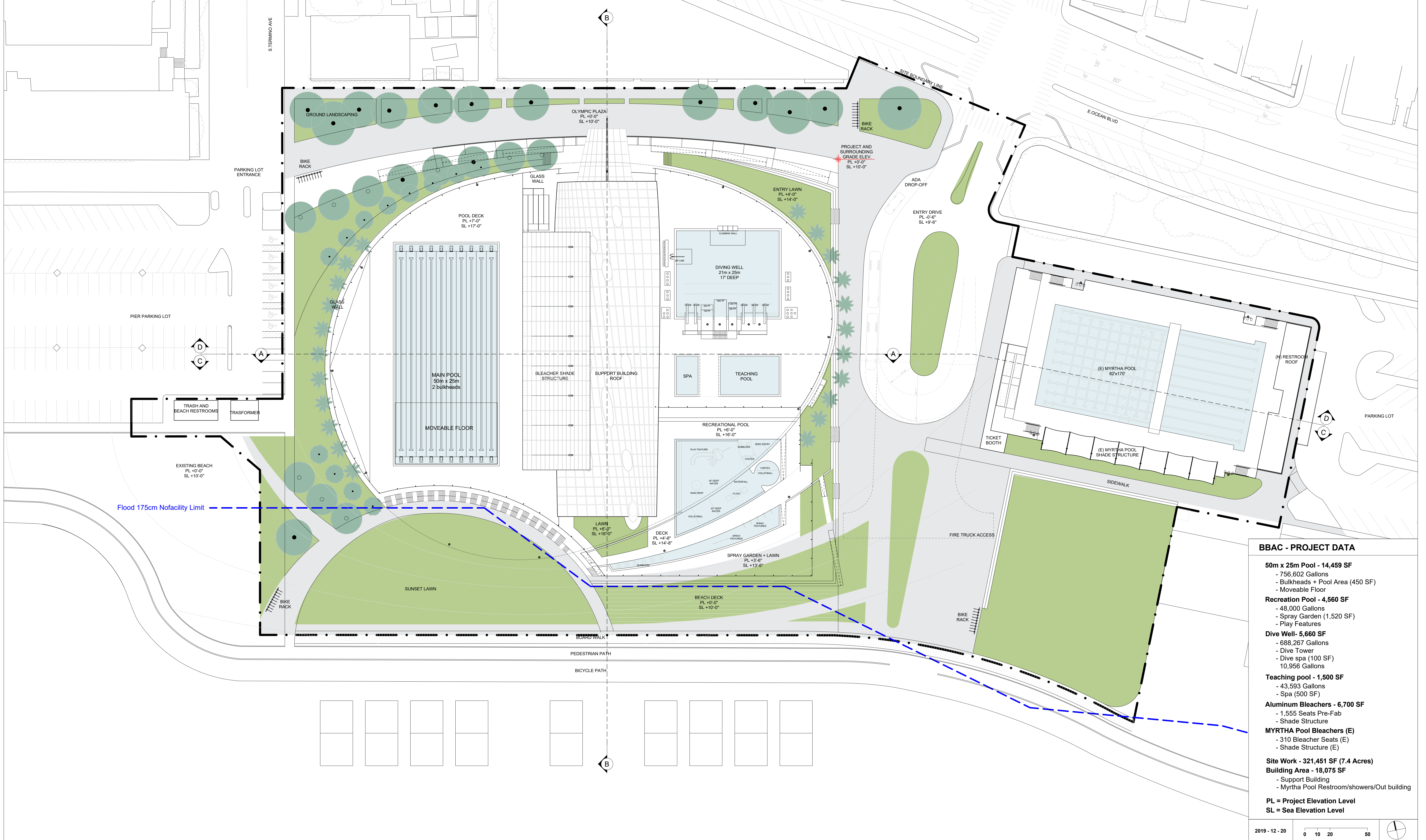
2019 - 12 - 20 0 10 20 50 [North Arrow]



BBAC - PROJECT DATA

50m x 25m Pool - 14,459 SF
- 756,602 Gallons
- Bulkheads + Pool Area (450 SF)
- Moveable Floor
Recreation Pool - 4,560 SF
- 48,000 Gallons
- Spray Garden (1,520 SF)
- Play Features
Dive Well - 5,660 SF
- 688,267 Gallons
- Dive Tower
- Dive spa (100 SF)
10,956 Gallons
Teaching pool - 1,500 SF
- 43,593 Gallons
- Spa (500 SF)
Aluminum Bleachers - 6,700 SF
- 1,555 Seats Pre-Fab
- Shade Structure
MYRTHA Pool Bleachers (E)
- 310 Bleacher Seats (E)
- Shade Structure (E)
Site Work - 321,451 SF (7.4 Acres)
Building Area - 18,075 SF
- Support Building
- Myrtha Pool Restroom/showers/Out building
PL = Project Elevation Level
SL = Sea Elevation Level

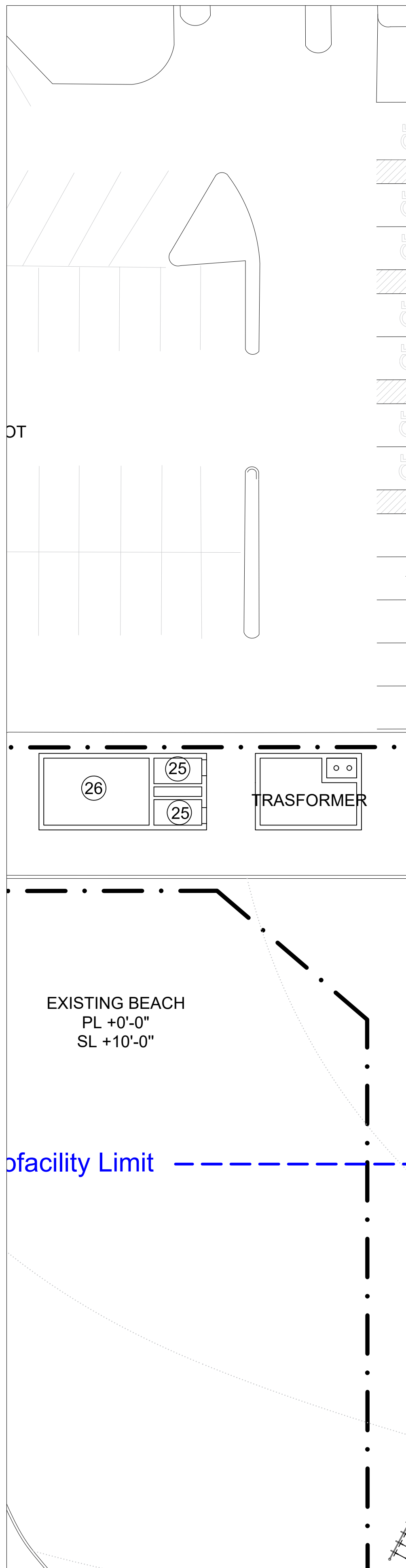
2019 - 12 - 20 0 10 20 50



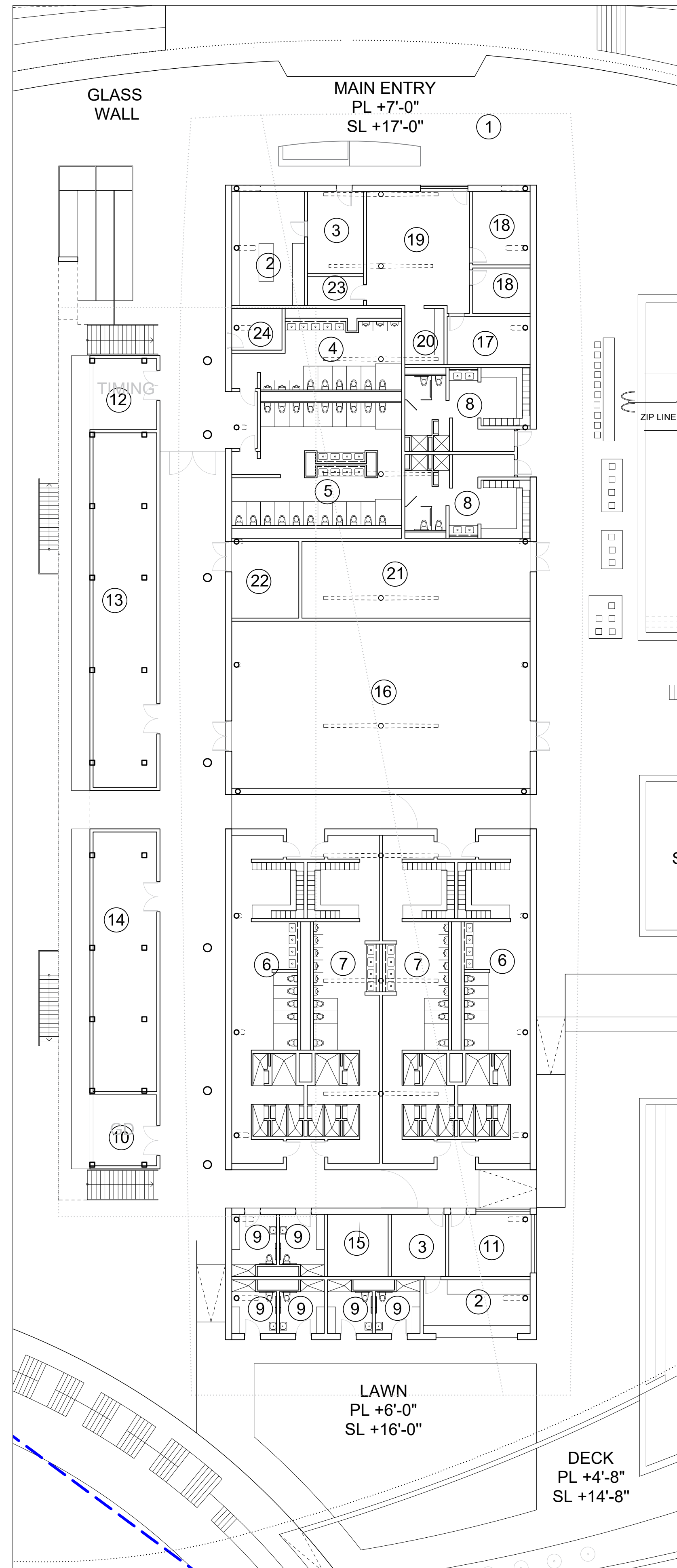
BBAC - PROJECT DATA

50m x 25m Pool - 14,459 SF
- 756,602 Gallons
- Bulkheads + Pool Area (450 SF)
- Moveable Floor
Recreation Pool - 4,560 SF
- 48,000 Gallons
- Spray Garden (1,520 SF)
- Play Features
Dive Well - 5,660 SF
- 688,267 Gallons
- Dive Tower
- Dive spa (100 SF)
10,956 Gallons
Teaching pool - 1,500 SF
- 43,593 Gallons
- Spa (500 SF)
Aluminum Bleachers - 6,700 SF
- 1,555 Seats Pre-Fab
- Shade Structure
MYRTHA Pool Bleachers (E)
- 310 Bleacher Seats (E)
- Shade Structure (E)
Site Work - 321,451 SF (7.4 Acres)
Building Area - 18,075 SF
- Support Building
- Myrtha Pool Restroom/showers/Out building
PL = Project Elevation Level
SL = Sea Elevation Level

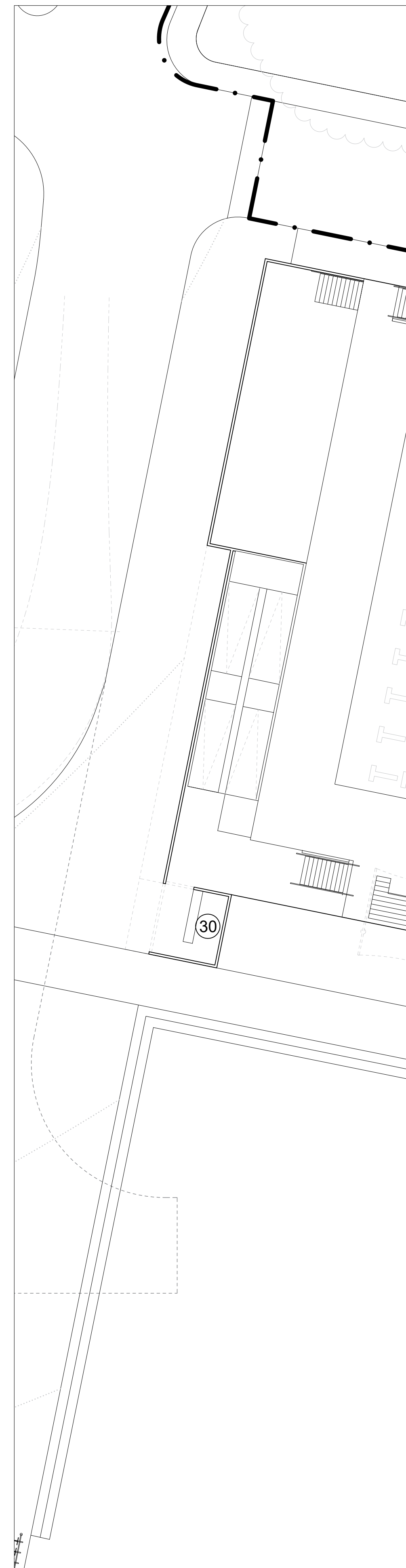
2019 - 12 - 20 0 10 20 50



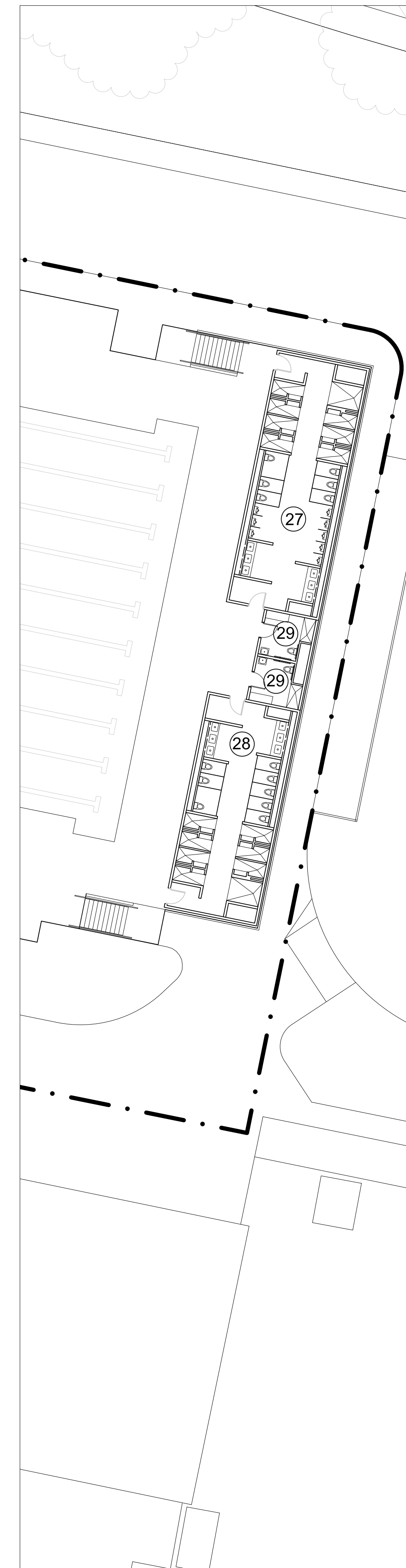
BEACH ACCESS RESTROOMS & TRASH



ENLARGED MAIN FACILITY BUILDING PLAN



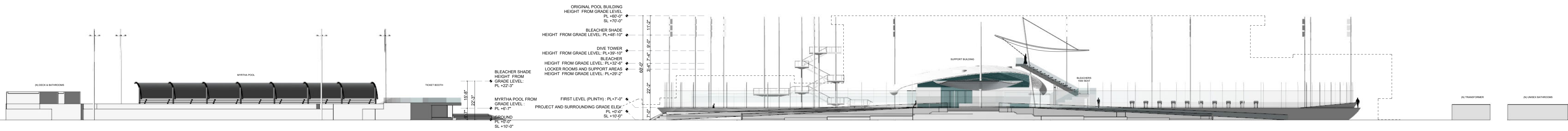
MYRTHA POOL (N) TICKET BOOTH



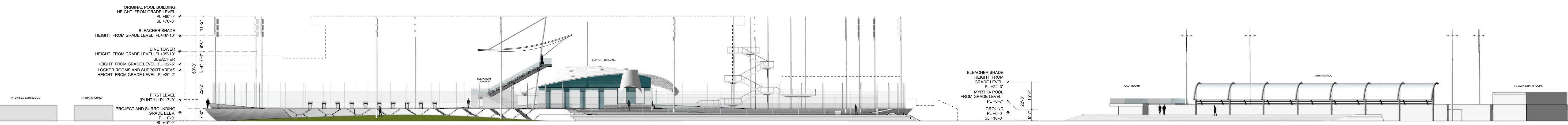
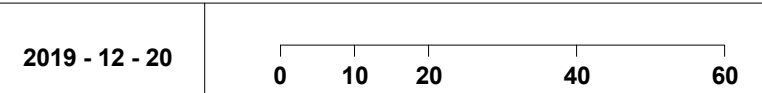
MYRTHA POOL (N) RESTROOM/SHOWERS

Program Function		Conceptual Program				
Rm.#	Program Function	Quantity	Size	Area	Outdoor NSF	Indoor NSF
1	Lobby	1	65' x 18'	1,198 SF	1,198 SF	595 SF
2	Concession	2	15' x 23', 22' x 10'	298 SF		375 SF
3	Concession Storage	2	11' x 17', 13' x 13'	188 SF		423 SF
4	Men's Public Restrooms	1	35' x 14'	423 SF		865 SF
5	Women's Public Restrooms	1	35' x 25'	865 SF		
NSF Subtotal					1,198 SF	2,258 SF
6	General Women's Lockers	2	15' x 68'	936 SF		1,872 SF
7	General Men's Lockers	2	15' x 68'	936 SF		1,872 SF
8	Staff Locker Rooms	2	26' x 17'	420 SF		840 SF
9	Family Changing Rooms	6	9' x 10'	87 SF		522 SF
10	Pool/Guard Office 50m Pool	1	19' x 14'	291 SF		291 SF
11	Pool/Guard Office Diving/Rec Pools	1	15' x 13'	195 SF		195 SF
12	Timing Room	1	19' x 14'	291 SF		291 SF
13	Storage Room	1	19' x 74'	1,457 SF	1,457 SF	
14	Storage Room	1	19' x 54'	1,067 SF	1,067 SF	
15	Storage Room	1	13' x 13'	165 SF		165 SF
16	Pool Filter Room	1	62' x 35'	2,174 SF		2,174 SF
NSF Subtotal					2,524 SF	8,222 SF
17	Aquatic Director Office	1	17' x 11'	202 SF		202 SF
18	Aquatic Programmers Office	2	12' x 10'	128 SF		256 SF
19	Open landscape Partition	1	21' x 24'	512 SF		95 SF
20	Work Room	1	8' x 11'	95 SF		
NSF Subtotal						1,065 SF
21	Main Mechanical Room	1	47' x 16'	762 SF		762 SF
22	Main Electrical Room	1	14' x 16'	224 SF		224 SF
23	Main Technology/Communication Room	1	11' x 6'	70 SF		91 SF
24	Custodial Storage Room	1	10' x 8'	91 SF		
NSF Subtotal						1,147 SF
Net Area Square Footage		83%				12,692 SF
Walls/Circulation/Mechanical		17%				2,684 SF
Total Gross Square Feet					100%	15,376 SF
Total Gross Square Feet						3,722 SF
Total Gross Square Feet						18,075 SF

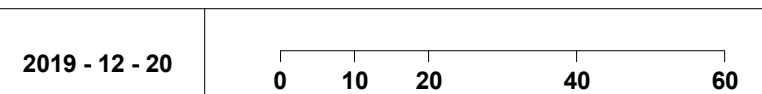
Restroom Program		Conceptual Program				
Rm.#	Program Function	Quantity	Water Closets	Urinals	Lavs	Showers
4	Men's Public Restrooms	1	6	6	5	
5	Women's Public Restrooms	1	20		8	
Total		2	26	6	13	
6	General Women's Lockers	2	5		4	5
7	General Men's Lockers	2	3	6	4	5
8	Staff Locker Rooms	2	2		2	2
9	Family Changing Rooms	6	1		1	1
Total		12	11	6	11	13
25	Beach Access Restroom (Unisex)	2	1		1	
Total		2	1		1	
27	Men's Restrooms and Showers	1	6	8	6	8
28	Women's Restroom and Showers	1	8		6	8
29	Family Changing Rooms	2	1		1	1
Total		4	15	8	13	17



OVERALL NORTH ELEVATION



OVERALL SOUTH ELEVATION



ORIGINAL POOL BUILDING
HEIGHT FROM GRADE LEVEL
PL +60'-0"
SL +70'-0"

BLEACHER SHADE
HEIGHT FROM GRADE LEVEL: PL+48'-10"

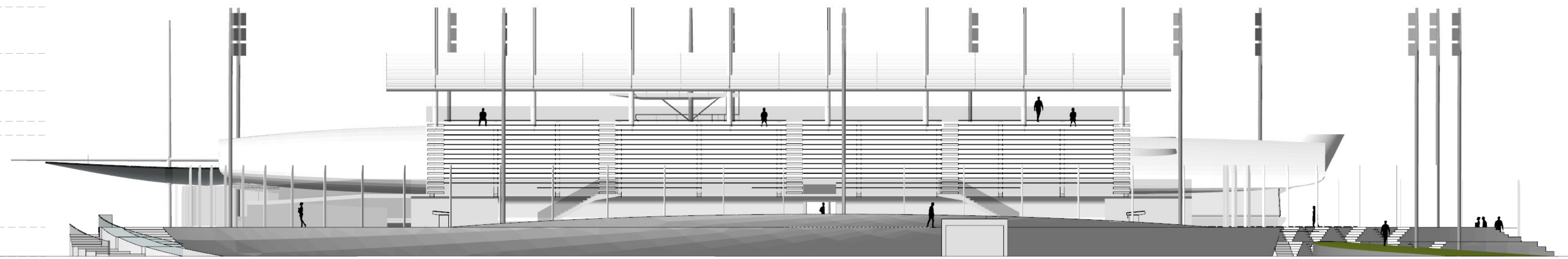
DIVE TOWER
HEIGHT FROM GRADE LEVEL: PL+39'-10"

BLEACHER
HEIGHT FROM GRADE LEVEL: PL+32'-6"

LOCKER ROOMS AND SUPPORT AREAS
HEIGHT FROM GRADE LEVEL: PL+29'-2"

FIRST LEVEL (PLINTH) : PL+7'-0"

PROJECT AND SURROUNDING GRADE ELEV.
PL +0'-0"
SL +10'-0"



(N) UNISEX BATHROOMS
(N) TRANSFORMER

WEST ELEVATION

2019 - 12 - 20 0 10 20 40 60

ORIGINAL POOL BUILDING
HEIGHT FROM GRADE LEVEL
PL +60'-0"
SL +70'-0"

BLEACHER SHADE
HEIGHT FROM GRADE LEVEL: PL+48'-10"

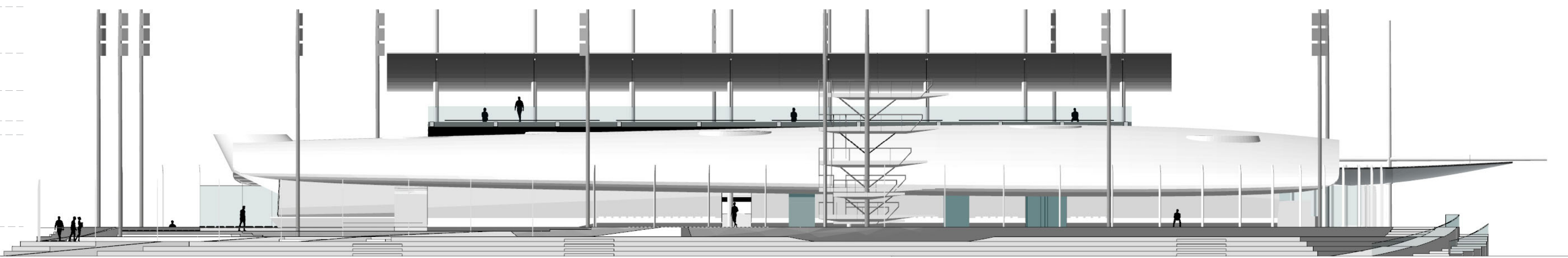
DIVE TOWER
HEIGHT FROM GRADE LEVEL: PL+39'-10"

BLEACHER
HEIGHT FROM GRADE LEVEL: PL+32'-6"

LOCKER ROOMS AND SUPPORT AREAS
HEIGHT FROM GRADE LEVEL: PL+29'-2"

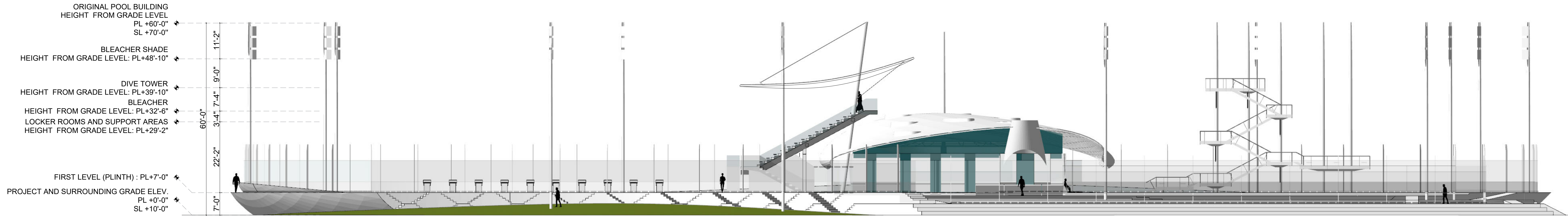
FIRST LEVEL (PLINTH) : PL+7'-0"

PROJECT AND SURROUNDING GRADE ELEV.
PL +0'-0"
SL +10'-0"

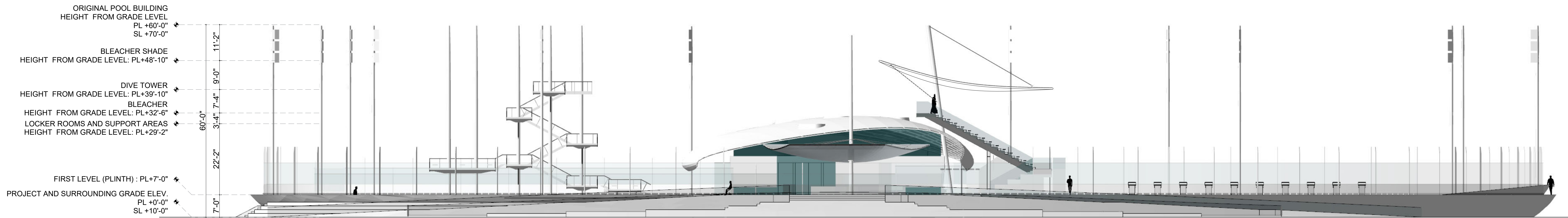
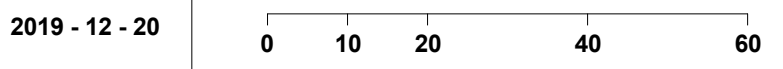


EAST ELEVATION

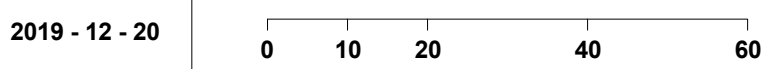
2019 - 12 - 20 0 10 20 40 60

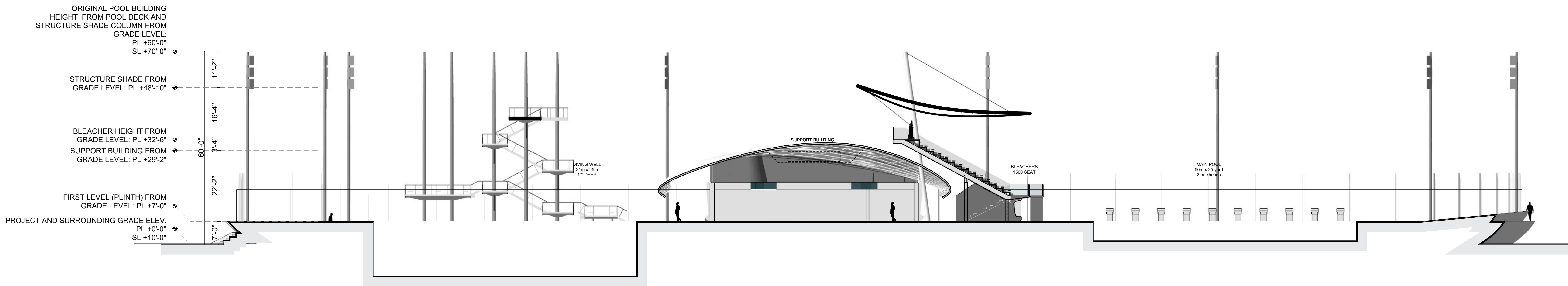


SOUTH ELEVATION

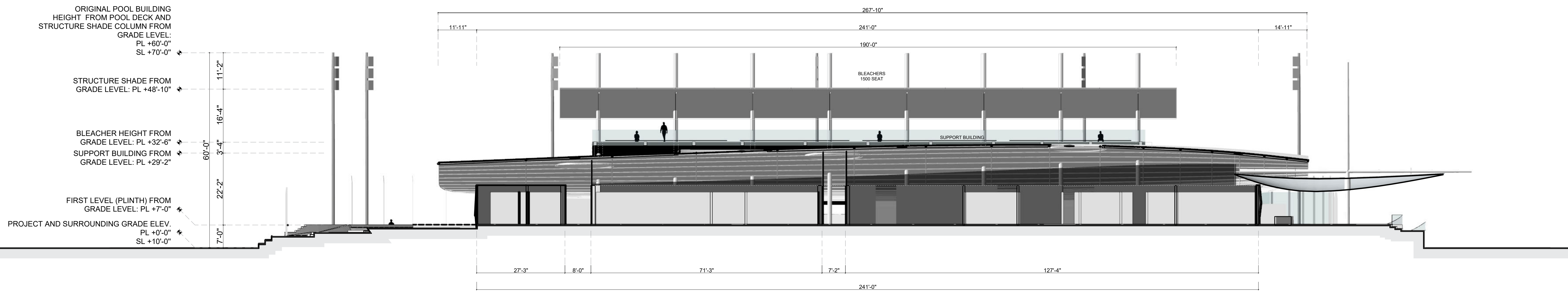
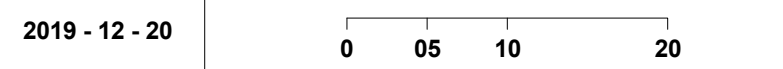


NORTH ELEVATION

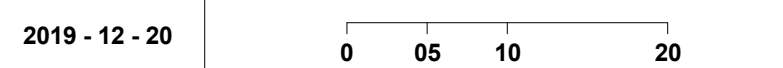


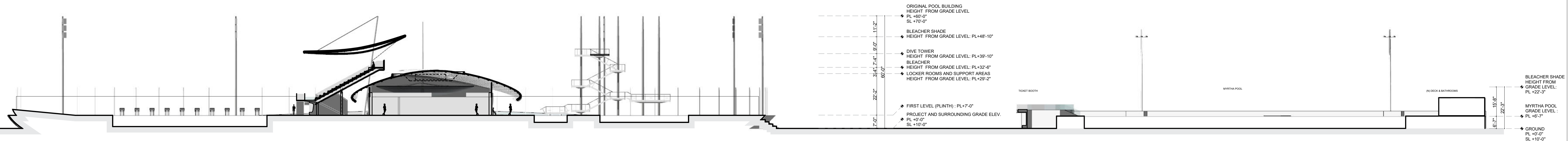


A-SECTION

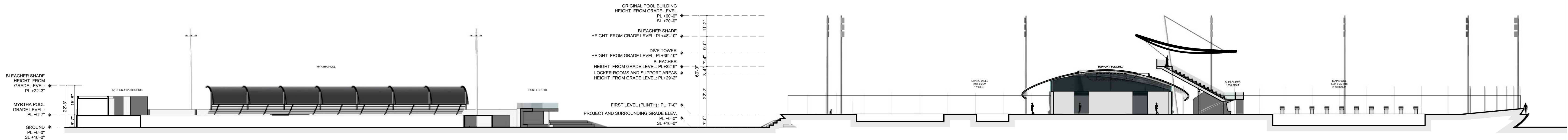
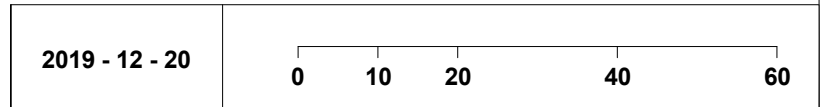


B-SECTION

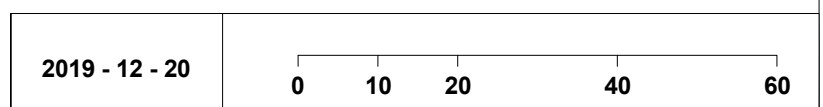


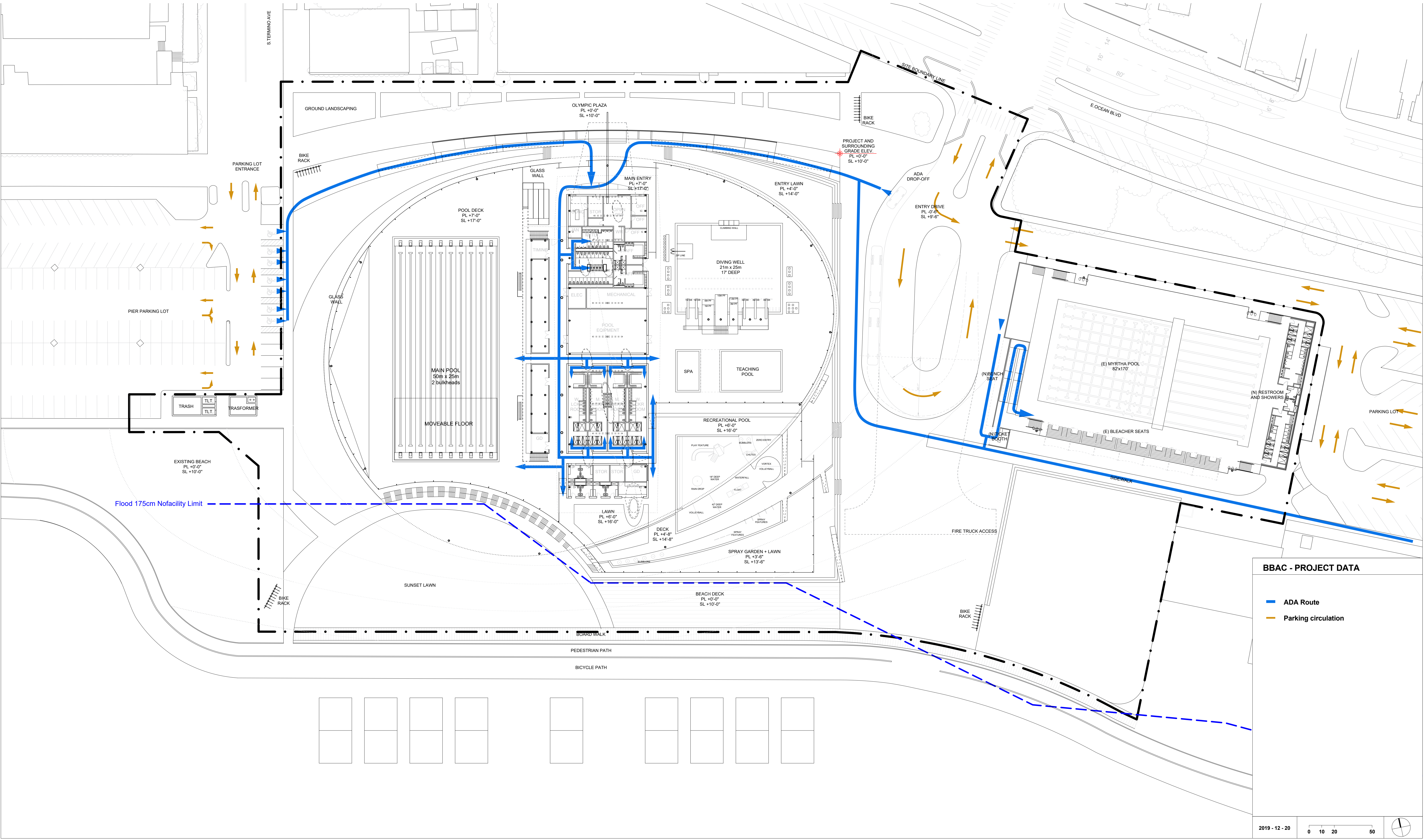


OVERALL SECTION - D



OVERALL SECTION - C

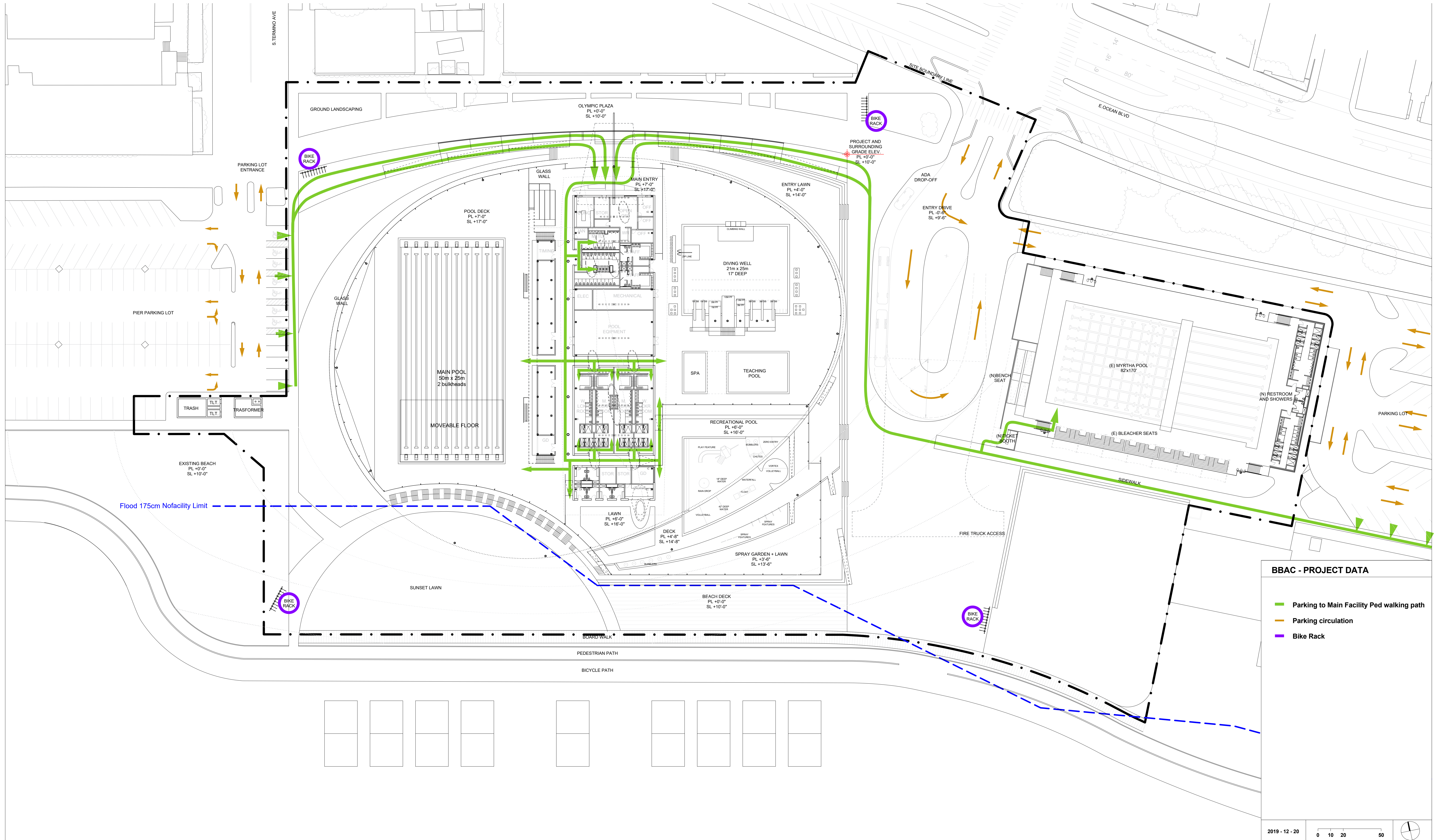


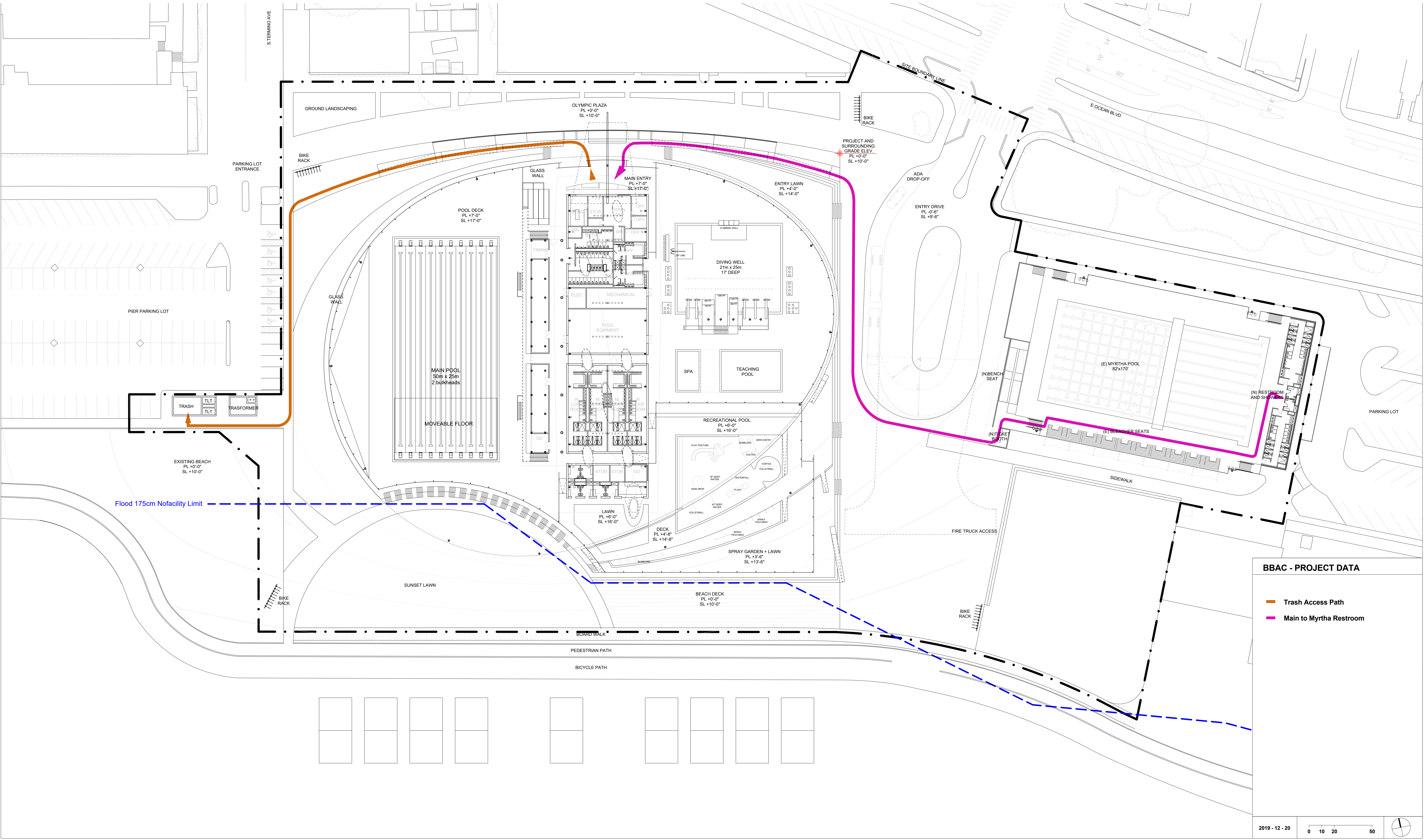


BBAC - PROJECT DATA

- ADA Route
- Parking circulation

2019 - 12 - 20 0 10 20 50 ⊕





BBAC - PROJECT DATA

- Trash Access Path
- Main to Myrtha Restroom

2019 - 12 - 20 0 10 20 50 ⊕

Parking Space Counts

Parking Spaces	Baseline	Proposed	Notes
Bennett / Granada Parking Lot E/O Myrtha Pool	609	707	Since the project started, the parking lot has been restriped to add 98 parking stalls. The "proposed" is the as-built condition.
	EV	8	
	HC	38	
	Clean Air_VP_EV	16	
	Standard	645	
Bennett / Granada Parking at Myrtha Pool	130	0	130 parking stalls were removed to accommodate the Myrtha pool. The proposed project incorporates the Myrtha pool.
	Standard	130	
Belmont Pier Parking Lot	276	276	No changes have, or are scheduled to take place within this parking lot.
	HC	11	
	Standard	265	
Olympic Plaza Drive Parking	40	0	40 parallel parking stalls currently exist on Olympic Plaza Drive. The proposed project will convert the right of way into a pedestrian friendly open space.
	Standard	40	
Ocean Boulevard Parking	61	169	City added diagonal parking to replace the previous parallel parking along Ocean Blvd between Termino Ave and Granada Ave for the increase in parking stalls.
	Standard	61	
		169	
Totals	1116	1152	38 Additional parking spaces from previous facility

Long Beach Zoning - Parking Requirements Calculations

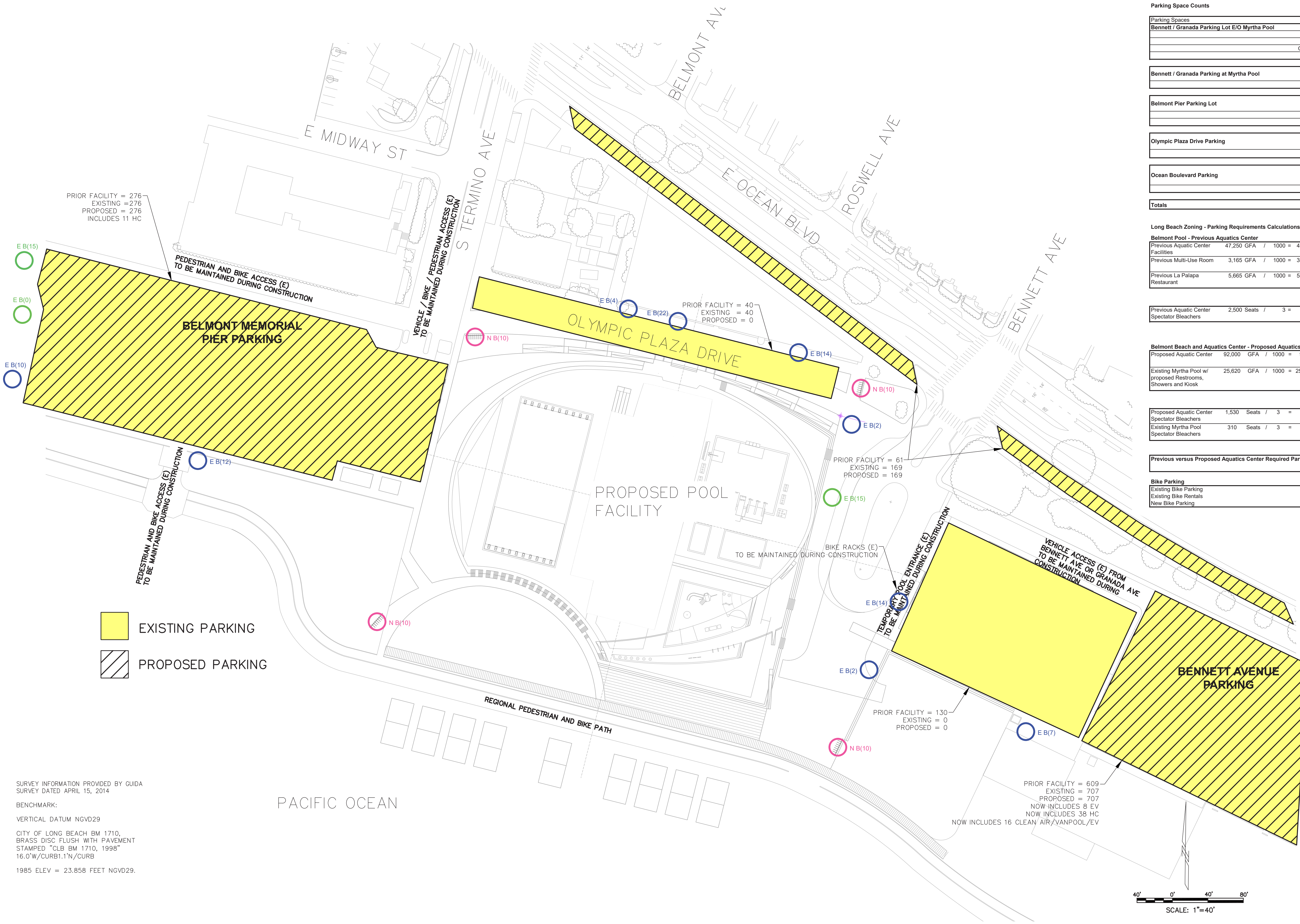
Facilities	Calculation	Parking Spaces	Parking Requirements Formula
Belmont Pool - Previous Aquatics Center			
Previous Aquatic Center	47,250 GFA / 1000 = 47.25 x 4 = 189 + 5 =	194	Athletic club 5 space plus 4 spaces per 1,000 SF-GFA
Facilities			
Previous Multi-Use Room	3,165 GFA / 1000 = 3.165 x 25 =	80	Dance hall 25 spaces per 1,000 SF-GFA
Previous La Palapa Restaurant	5,665 GFA / 1000 = 5.665 x 10 =	57	Dinner restaurant 10 spaces per 1,000 SF-GFA
		274	Total Parking Spaces
	OR		
Previous Aquatic Center Spectator Bleachers	2,500 Seats / 3 =	834	1 space per 3 spectator seat
		834	Total Parking Spaces

Facilities	Calculation	Parking Spaces	Parking Requirements Formula
Belmont Beach and Aquatics Center - Proposed Aquatics Center, including Existing Myrtha Pool			
Proposed Aquatic Center	92,000 GFA / 1000 = 92 x 4 = 368 + 5 =	373	Athletic club 5 space plus 4 spaces per 1,000 SF-GFA
Existing Myrtha Pool w/ proposed Restrooms, Showers and Kiosk	25,620 GFA / 1000 = 25.62 x 4 = 103 =	103	Athletic club 4 spaces per 1,000 SF-GFA
		476	Total Parking Spaces
	OR		
Proposed Aquatic Center Spectator Bleachers	1,530 Seats / 3 =	510	1 space per 3 spectator seat
Existing Myrtha Pool Spectator Bleachers	310 Seats / 3 =	104	1 space per 3 spectator seat
		614	Total Parking Spaces

Previous versus Proposed Aquatics Center Required Parking	220	Fewer Parking Spaces Required for Proposed BBAC than Previous Facility
---	-----	--

Facilities	Parking Spaces
Bike Parking	
Existing Bike Parking	87
Existing Bike Rentals	30
New Bike Parking	40
	157
	Total Parking Spaces

- E B (X) = EXISTING BIKE PARKING
- E B S (X) = EXISTING RENTAL BIKE / SCOOTER PARKING
- N B (X) = NEW BIKE PARKING



PRIOR FACILITY = 276
EXISTING = 276
PROPOSED = 276
INCLUDES 11 HC

PRIOR FACILITY = 40
EXISTING = 40
PROPOSED = 0

PRIOR FACILITY = 61
EXISTING = 169
PROPOSED = 169

PRIOR FACILITY = 130
EXISTING = 0
PROPOSED = 0

PRIOR FACILITY = 609
EXISTING = 707
PROPOSED = 707
NOW INCLUDES 8 EV
NOW INCLUDES 38 HC
NOW INCLUDES 16 CLEAN AIR/VANPOOL/EV

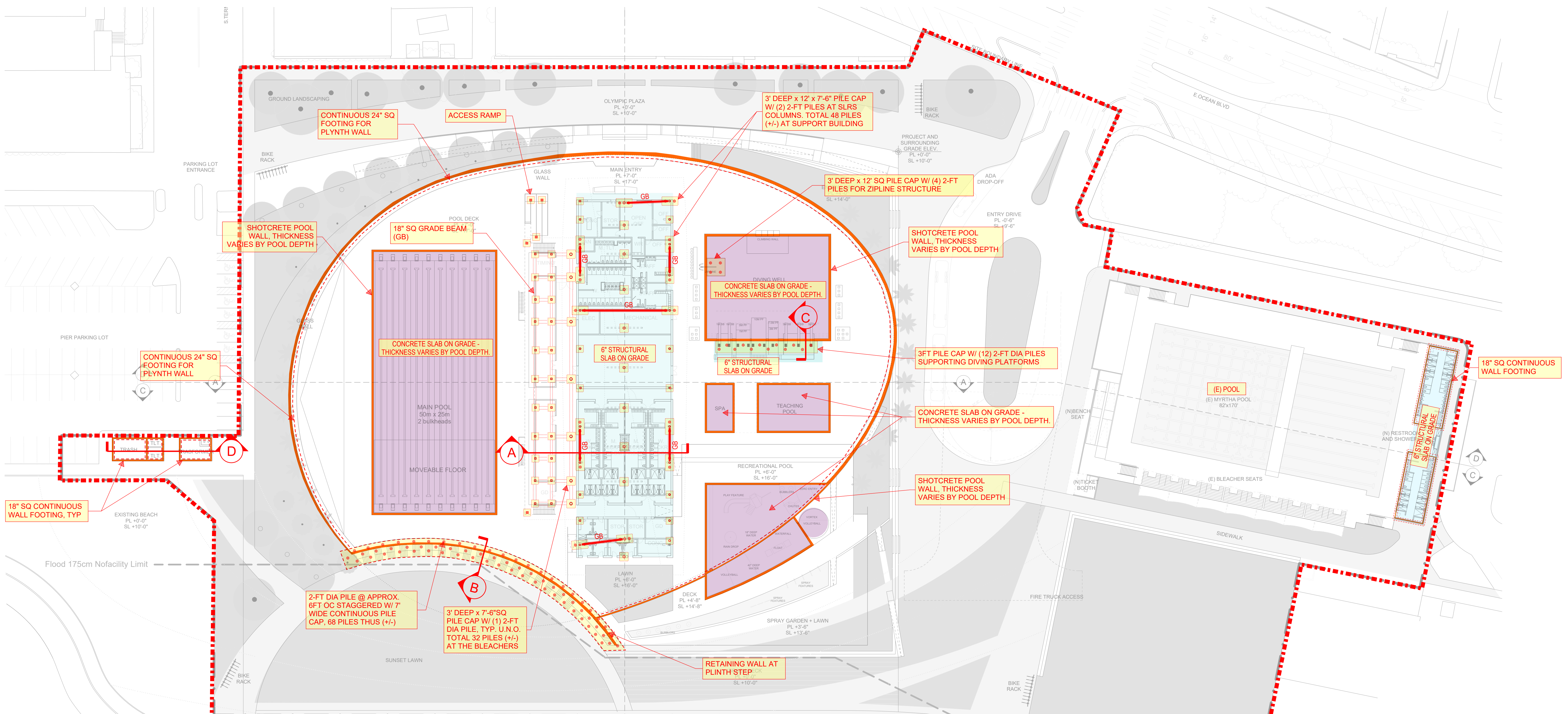
SURVEY INFORMATION PROVIDED BY GUIDA
SURVEY DATED APRIL 15, 2014

BENCHMARK:

VERTICAL DATUM NGVD29

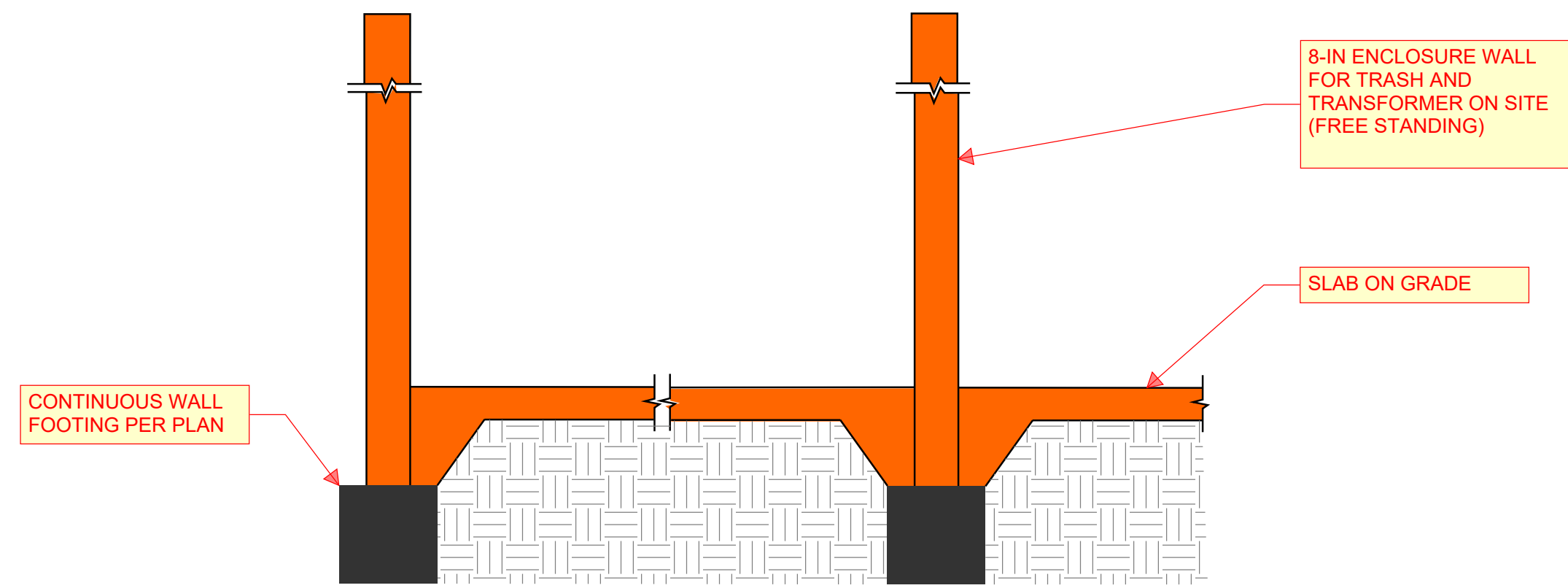
CITY OF LONG BEACH BM 1710,
BRASS DISC FLUSH WITH PAVEMENT
STAMPED "CLB BM 1710, 1998"
16.0'W/CURB1.1'N/CURB

1985 ELEV = 23.858 FEET NGVD29.



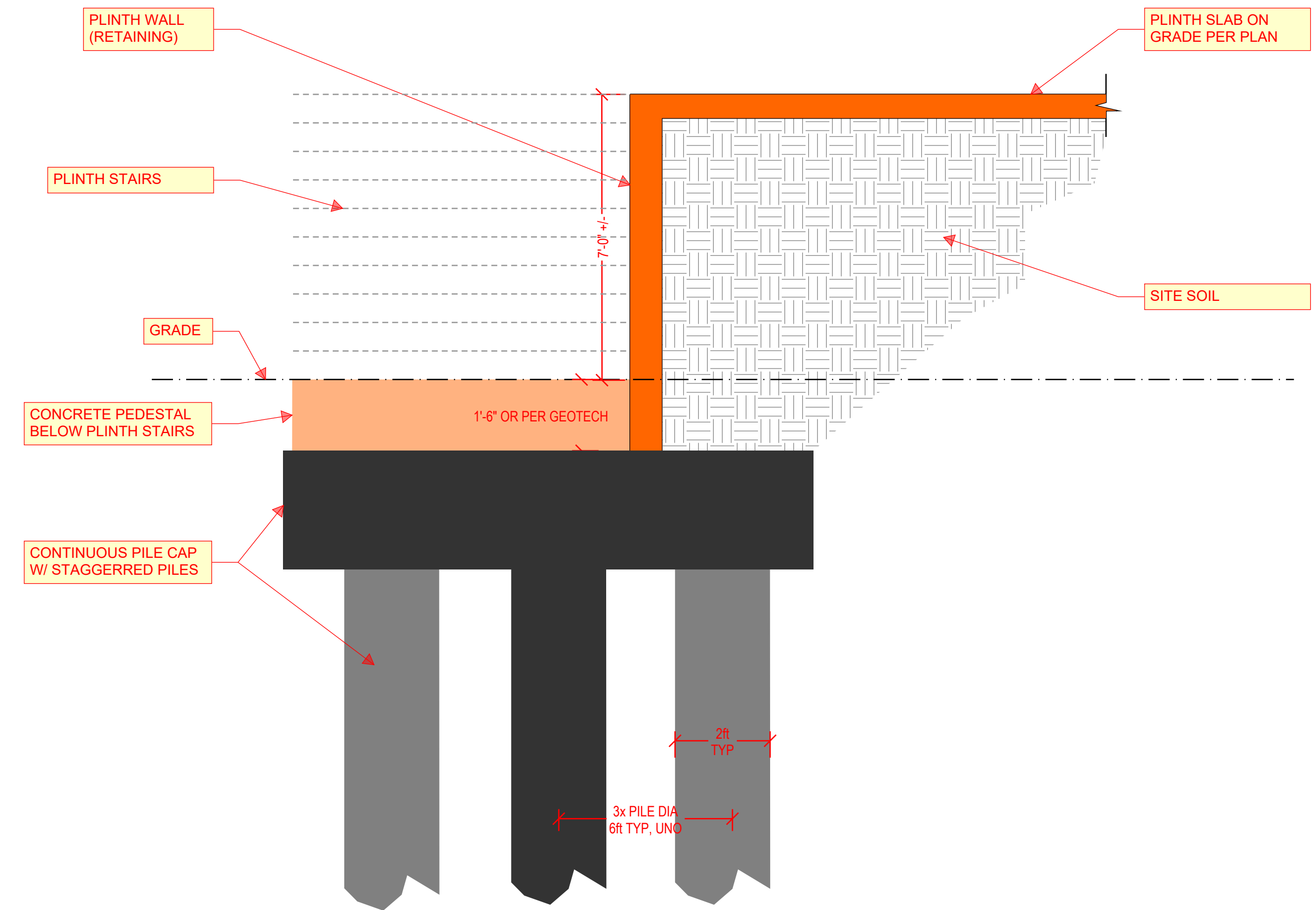
FOUNDATION NOTES

1. The foundation layout indicated on this plan is based on the "PRELIMINARY GEOTECHNICAL REPORT" prepared by AESCO, dated Apr. 24th, 2014.
2. The project site has a high potential for liquefaction. The drilled cast-in-place concrete piers recommended by the geotechnical engineer is a valid option to prevent both the lateral earthquake loads and the potential liquefaction main aquatics center, the diving platforms, and the retaining wall at plinth step. Contractors shall follow the geotechnical engineer's recommendations for the excavation, drilling and casting process of the piers. The piers are to extend maximum 80-ft below ground surface.
3. Lightly loaded structures on the project site such as the trash enclosure and the public restrooms can be supported on reinforced concrete footings. The future footing area should be over-excavated to 5-ft below ground or 4-ft below bottom of footing, whichever greater. The bottom 3 feet of the excavation should be backfilled with geotechnical engineer-recommended material to mitigate potential settlement and liquefaction.
4. The future slab-on-grade shall extend minimum 5 inches above the final adjacent grade with 18-in thickened edge on non-bearing walls. Portions of structure below grade should be designed for buoyant conditions below an elevation of +5' (AMSL).
5. The average ground water level is at 6 to 9 feet below grade.



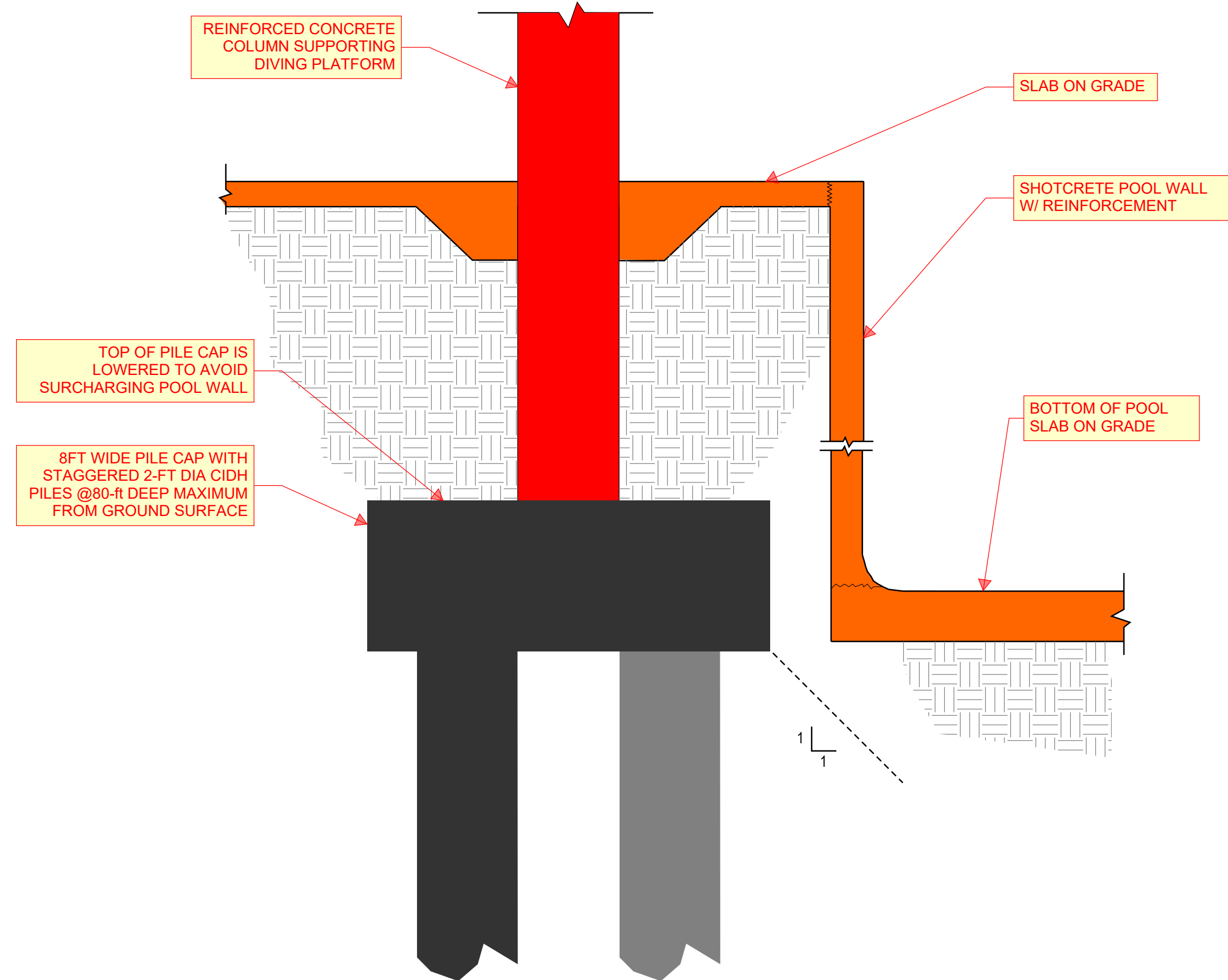
SCALE: 1/2" = 1'-0"

D



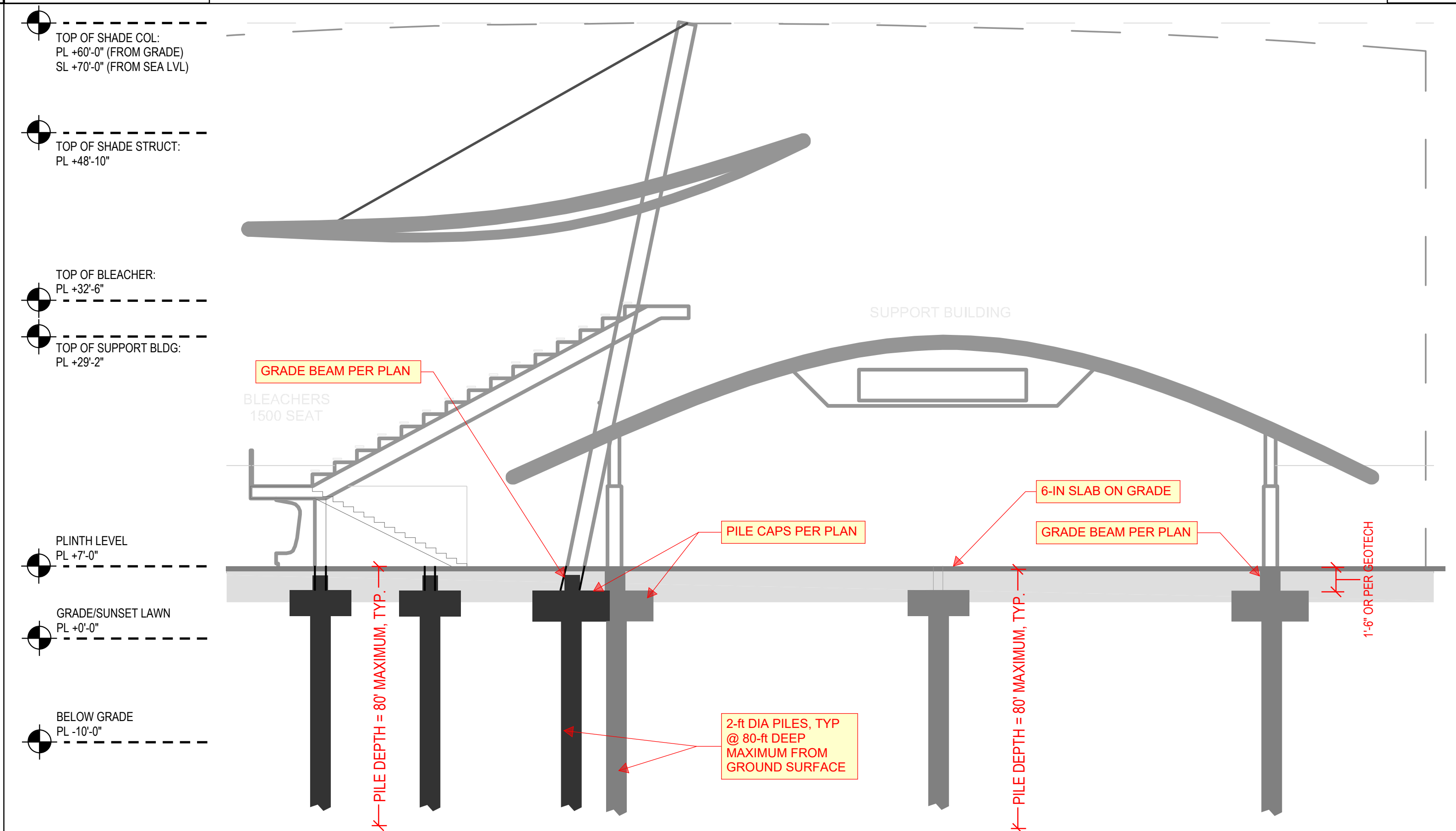
SCALE: 1/2" = 1'-0"

B



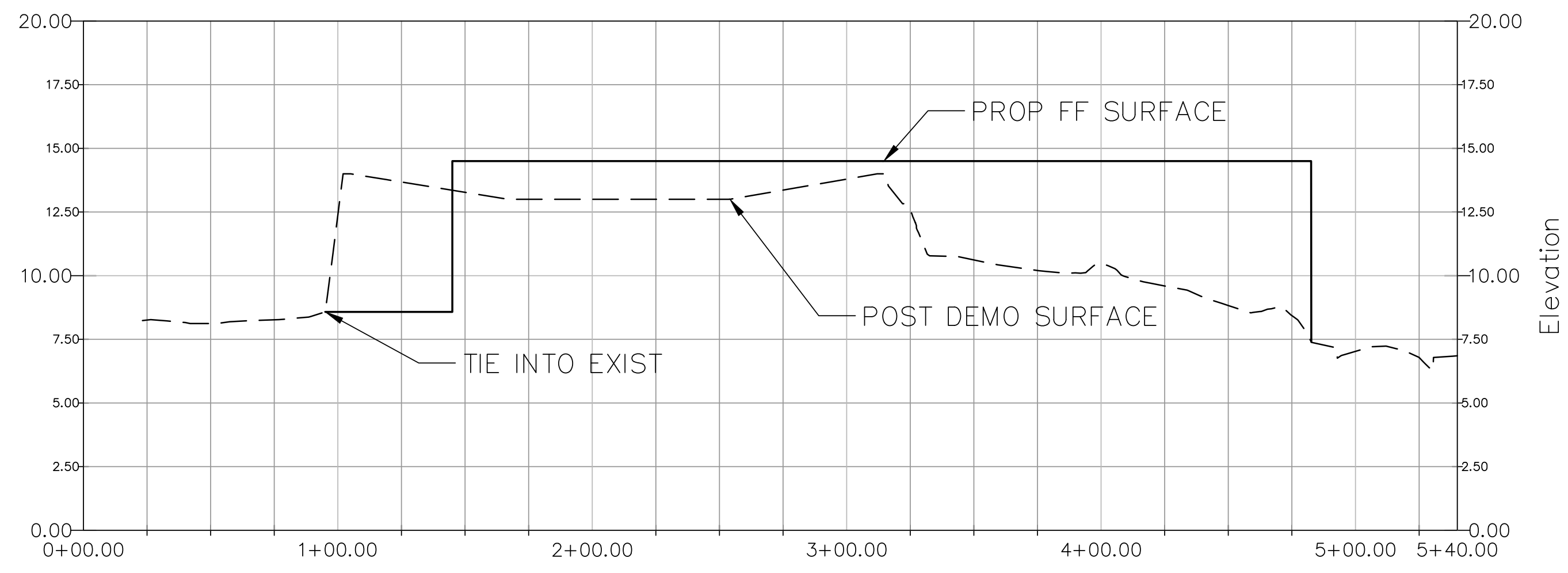
SCALE: 1/2" = 1'-0"

C

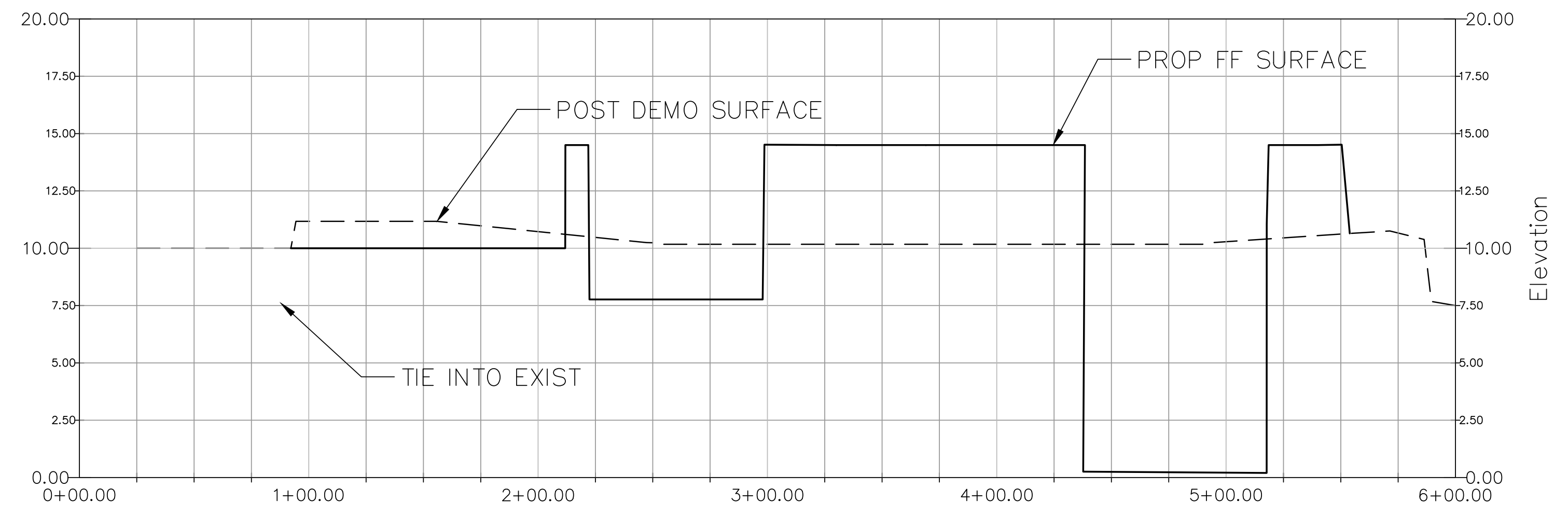


SCALE: 1/8" = 1'-0"

A



B SECTION
C-1.03 SCALE: 1"=40' H 1"=4' V

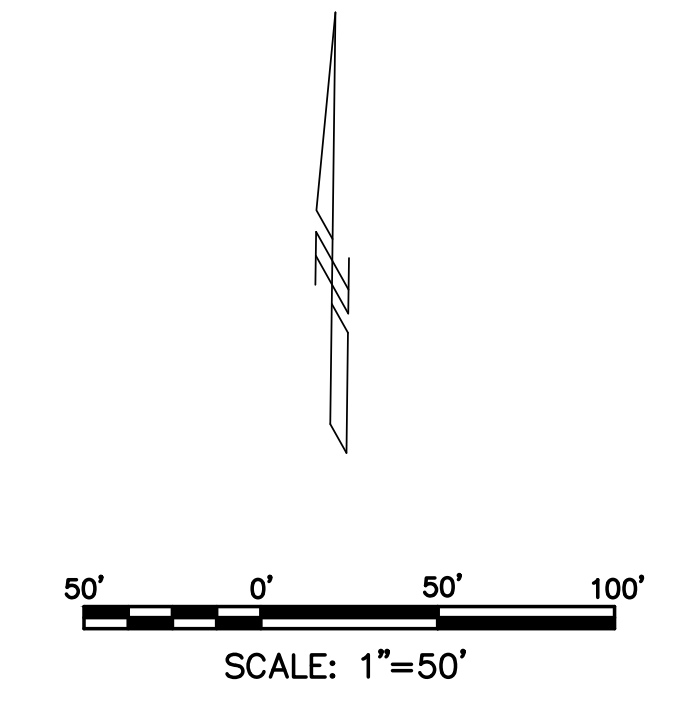


A SECTION
C-1.03 SCALE: 1"=40' H 1"=4' V



CUT = 17,500 CY
 FILL = 9,000 CY
 EXPORT=8,500 CY

MAX CUT = 10 FT (@DIVING POOL)
 MAX FILL = 7 FT (@ POOL DECK)



FN: XXXXX
 DATE: 07/30/15



SURVEY INFORMATION PROVIDED BY GUIDA
 SURVEY DATED APRIL 15, 2014
 BENCHMARK:
 VERTICAL DATUM NGVD29
 CITY OF LONG BEACH BM 1710,
 BRASS DISC FLUSH WITH PAVEMENT
 STAMPED "CLB BM 1710, 1998"
 16.0'W/CURB1.1'N/CURB
 1985 ELEV = 23.858 FEET NGVD29.

40' 0' 40' 80'
 SCALE: 1"=40'

FN: XXXXXX
 DATE: 01/20/19



BELMONT BEACH AND AQUATICS CENTER

HORIZONTAL CONTROL PLAN

December 20 2019
 P-27





SURVEY INFORMATION PROVIDED BY GUIDA
 SURVEY DATED APRIL 15, 2014
 BENCHMARK:
 VERTICAL DATUM NGVD29
 CITY OF LONG BEACH BM 1710,
 BRASS DISC FLUSH WITH PAVEMENT
 STAMPED "CLB BM 1710, 1998"
 16.0'W/CURB1.1'N/CURB
 1985 ELEV = 23.858 FEET NGVD29.

40' 0' 40' 80'
 SCALE: 1"=40'

FN: XXXXXX
 DATE: 01/30/15

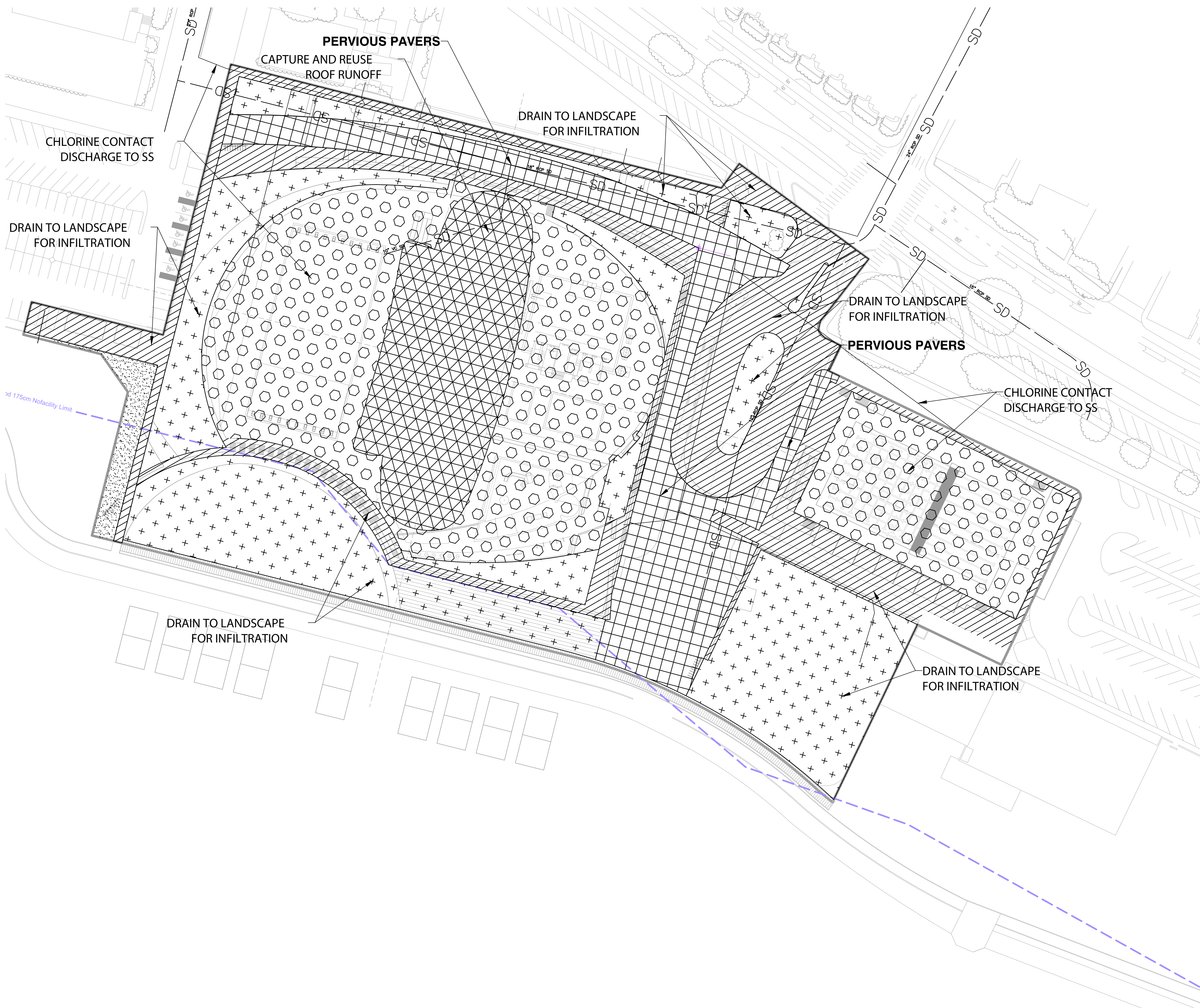


BELMONT BEACH AND AQUATICS CENTER

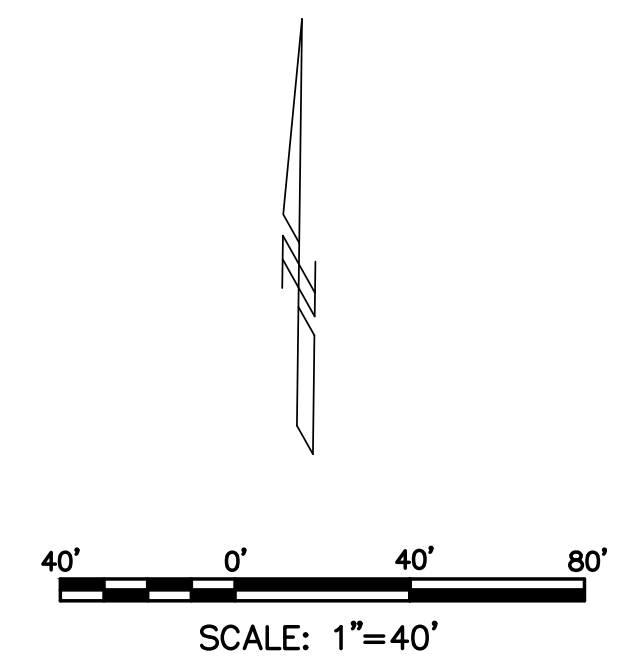
SITE TRAFFIC / DEWATERING PLAN

December 20 2019
 P-28



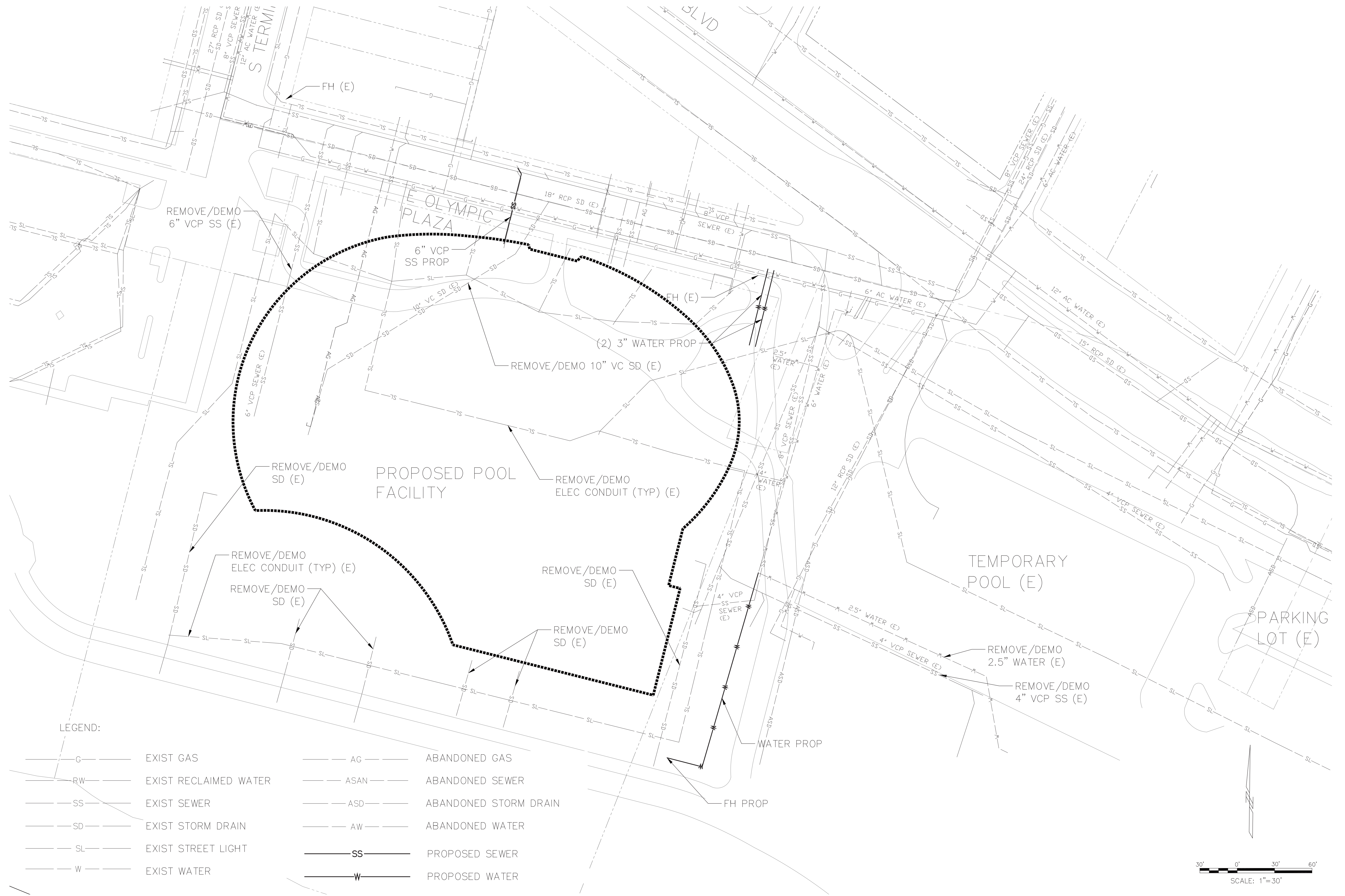


LID STRATEGY			
	PERVIOUS LANDSCAPE	1.91 AC	INFILTRATE RUNOFF TO MEET LID
	PERVIOUS DG/SAND	0.09 AC	INFILTRATE RUNOFF TO MEET LID
	PERVIOUS PAVEMENT	0.88AC	PAVERS INFILTRATE RUNOFF TO MEET LID
	IMPERVIOUS ROOF	0.70 AC	COLLECT AND REUSE TO MEET LID
	IMPERVIOUS PAVEMENT	1.48 AC	DRAIN TO LANDSCAPE FOR INFILTRATION
	INPERVIOUS CHLORINE CONTACT	2.31 AC	COLLECT AND TREAT FOR REUSE OR DISCHARGE TO SANITARY SEWER



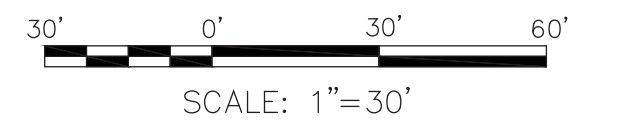
DATE: 01/20/15

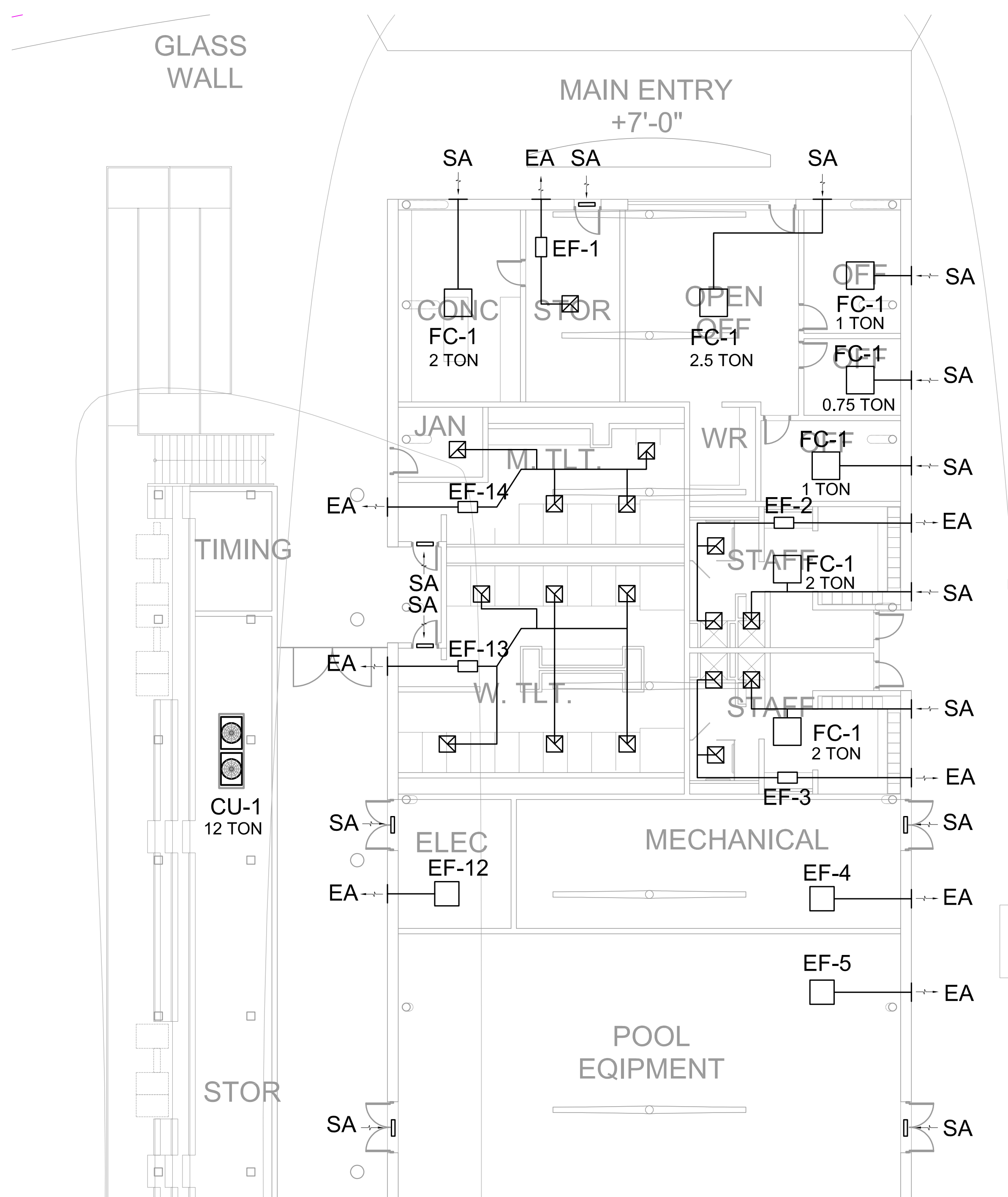
LAST SAVED BY: marigo
 PLOT DATE: Jan. 2, 20
 SAVED PATH: C:\LIB\8454_belmont_pool\10_CADD\Active_sheets



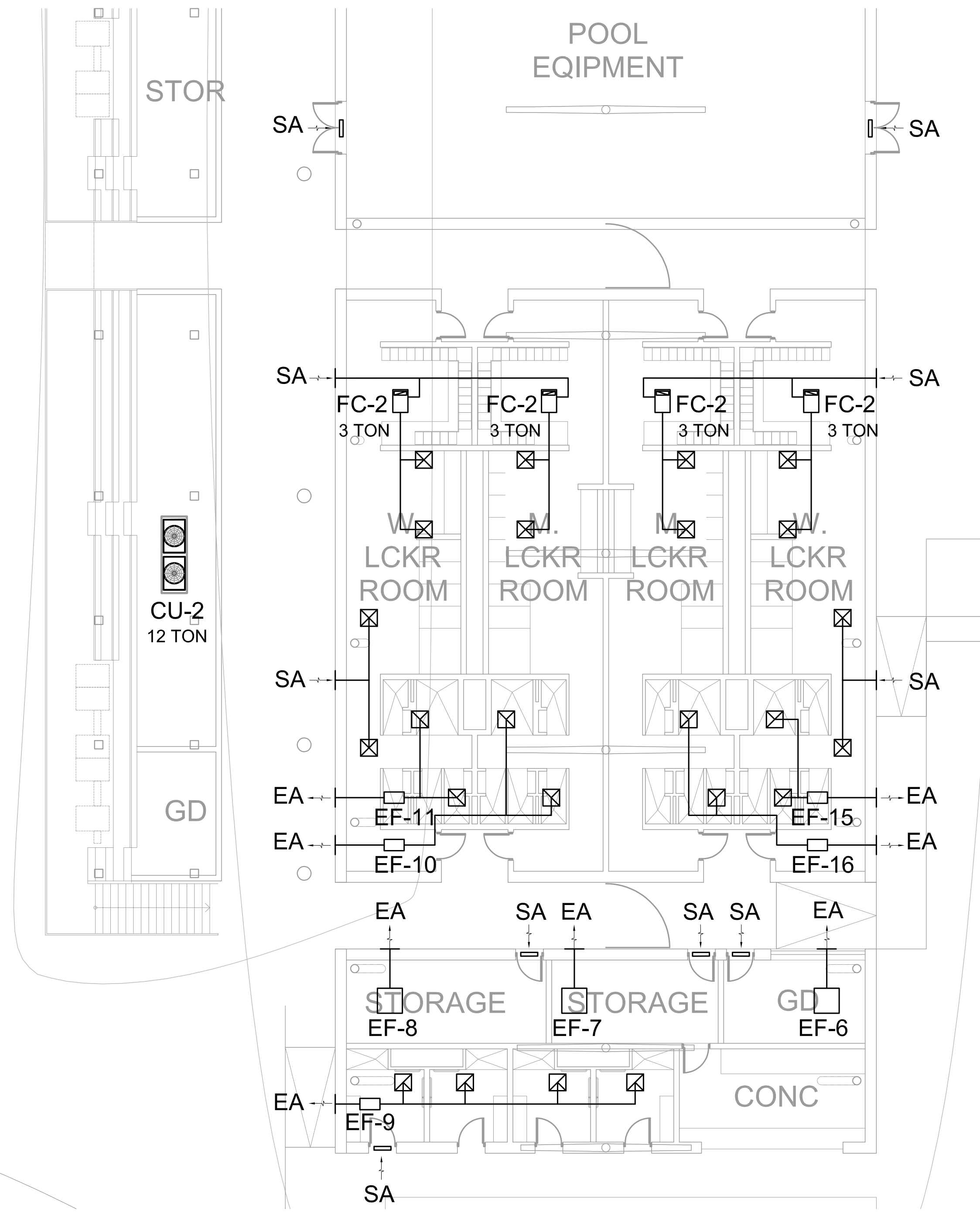
LEGEND:

— G —	EXIST GAS	— AG —	ABANDONED GAS
— RW —	EXIST RECLAIMED WATER	— ASAN —	ABANDONED SEWER
— SS —	EXIST SEWER	— ASD —	ABANDONED STORM DRAIN
— SD —	EXIST STORM DRAIN	— AW —	ABANDONED WATER
— SL —	EXIST STREET LIGHT	— SS —	PROPOSED SEWER
— W —	EXIST WATER	— W —	PROPOSED WATER





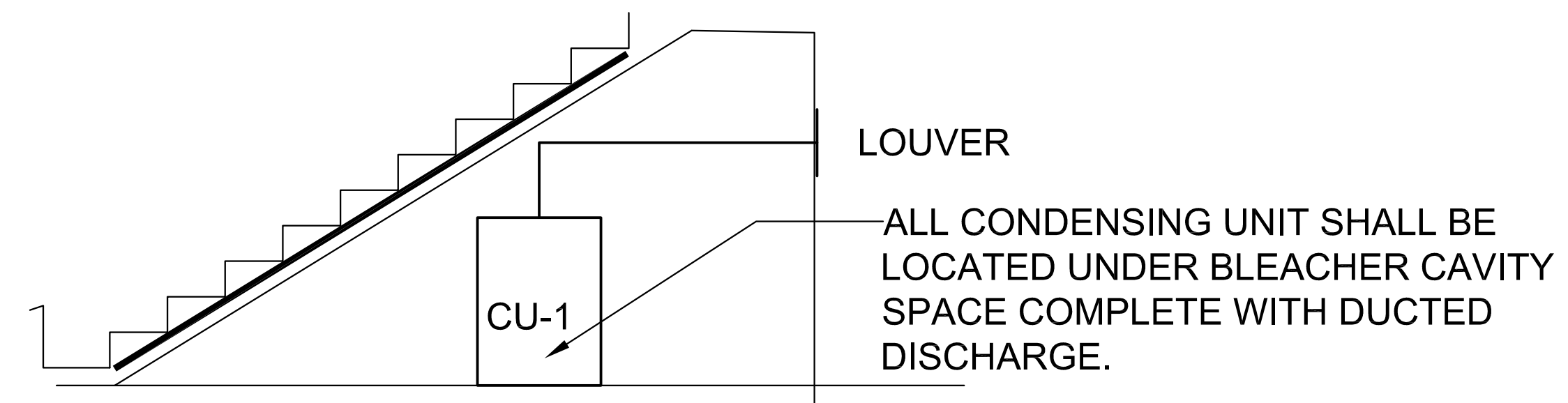
1 ENLARGED MECHANICAL PLAN - UPPER SECTION
1/8" = 1'-0"



2 ENLARGED MECHANICAL PLAN - LOWER SECTION
1/8" = 1'-0"

LEGEND & ABBREVIATION

	DOOR GRILLE
	INTAKE SUPPLY AIR LOUVER
	EXHAUST AIR LOUVER
	AIR FLOW DIRECTION
FC-1	CASSETTE TYPE FAN COIL UNIT
FC-2	CEILING MOUNTED DUCTED FAN COIL UNIT
EF	EXHAUST FAN
CU	CONDENSING UNIT



3 CONDENSING UNIT SECTION VIEW
NTS

Belmont Plaza Pool
Long Beach, CA

EQUIPMENT LAYOUT

INCLUDES:
 · Diving Well
 · Main Pool
 · Training Pool

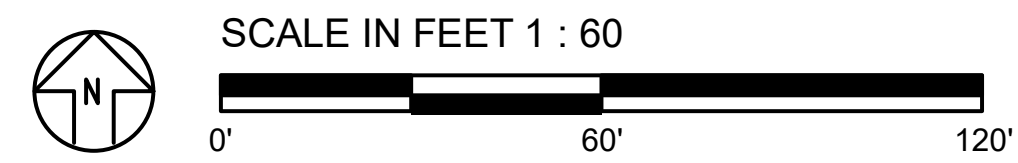
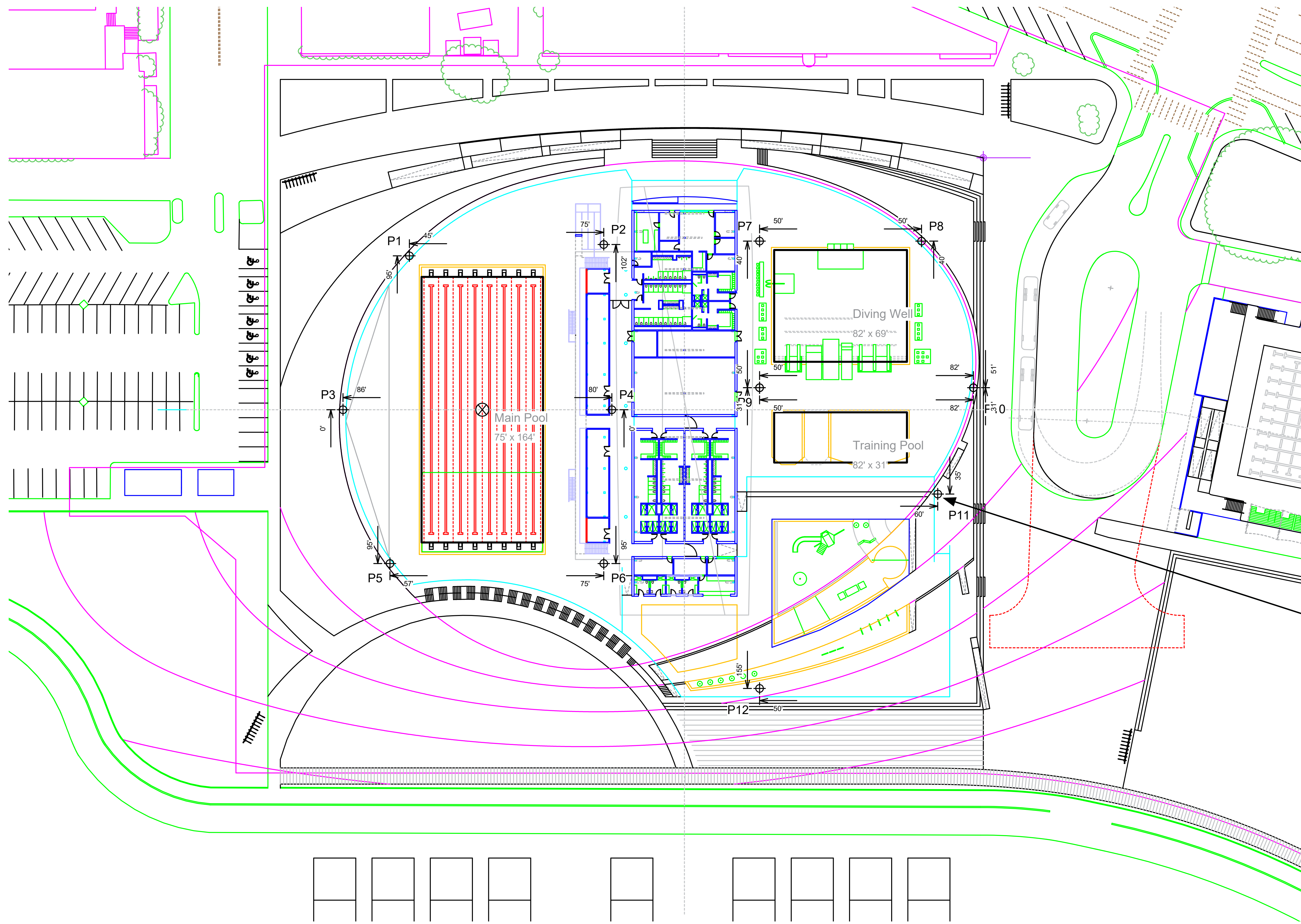
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1500	8.5	8.1	7.4	6.4	5.1	4.7	3.7

Poles P1 - P6 @ 53'
 Poles P7 - P12 @ 53'
 Main Pool 100FC
 Diving Well 100FC
 Training Pool 50FC



ENGINEERED DESIGN By: Vashon Alexander • File #202144A • 17-Oct-19

Pole location(s) + dimensions are relative to 0,0 reference point(s) ⊗



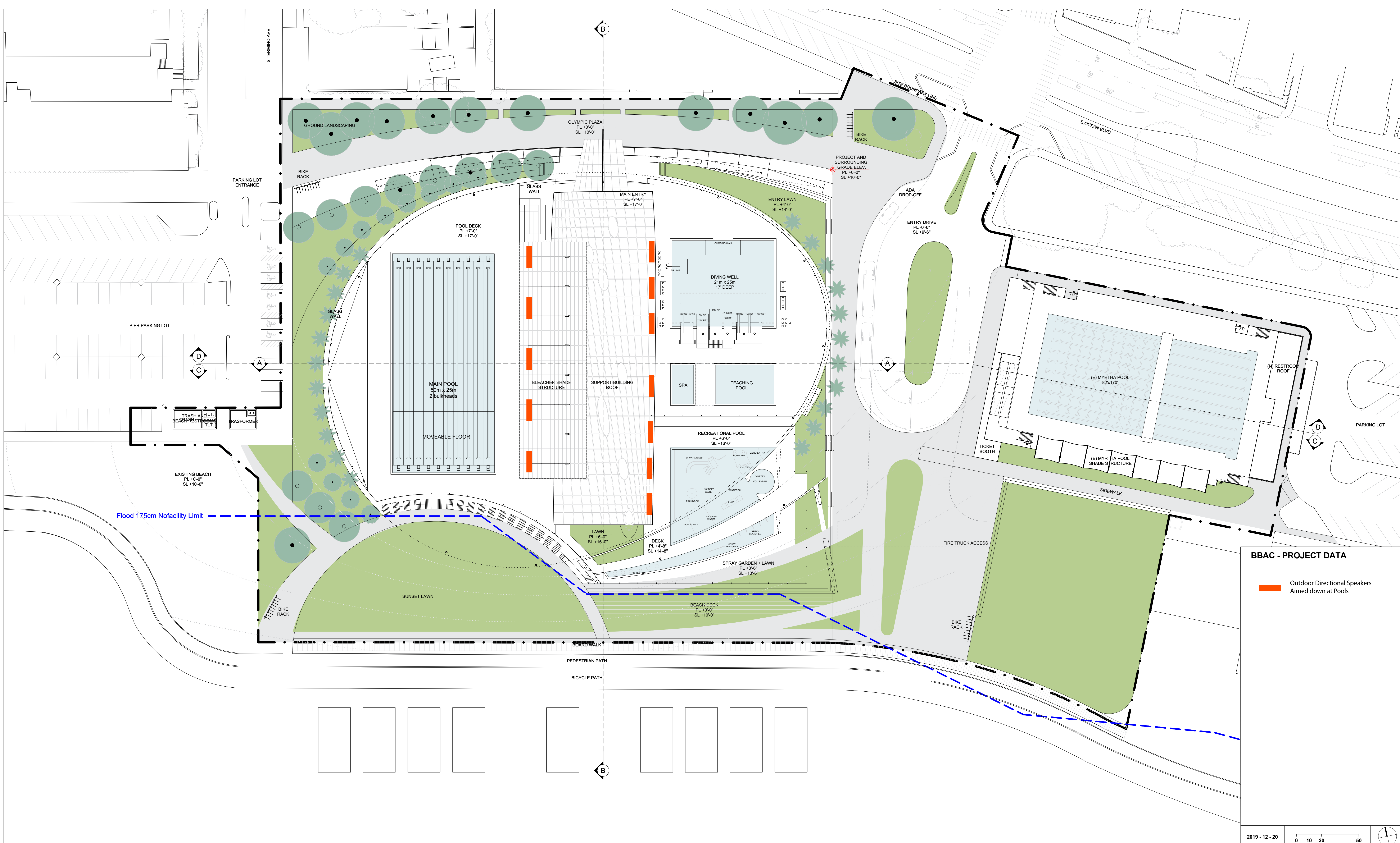
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2019 Musco Sports Lighting, LLC.



BELMONT BEACH AND AQUATICS CENTER

LIGHTING PLAN
 December 20 2019
 P-32





BBAC - PROJECT DATA

█ Outdoor Directional Speakers Aimed down at Pools

2019 - 12 - 20

0 10 20 50