

Marina Advisory Board Meeting Beach Marina Presentation

March 13, 2023



Project Goals

- Replace aging docks
- Replace / modernize marina utilities
- Optimize marina slip mix & layout
- Maximize city-owned submerged lands, but maintain existing slip count and balance
- Provide upland storage and ticket sales opportunities
- Reduce congestion along Coronado Drive
- Activate “Marina Walk”
- Maintain commercial operations during construction
- Provide 2 boat slips for water taxi
- **Replace/raise bulkhead**



CLEARWATER
BRIGHT AND BEAUTIFUL - BAY TO BEACH



moffatt & nichol

Project Progress

➤ NTP Oct 2021

1. Master Plan

- Market Study
- Commercial Tenant Outreach

2. 30% Submittal

3. 60% Submittal

4. Permitting

- Federal channel deauthorized Jan 2023
- FDEP ERP permit authorized June 2023
- FDEP stormwater exemption authorized Sept 2023
- Flex development app approved by CDB Oct 2023
- Army Corps (on going)
- Pinellas County PCWNCA (on going)

5. Grants

- Sportfish Restoration (on going)
- Tourism Development Council (on going)

What's Next?

- CMAR Bid: Bid Opening 03/05/24
- Building Permit Application 03/24
- Construction Summer 2024

Project Risks

- Parking Reduction
- Dredge Disposal
- Inflation & Supply chain issues
- Tropical Storms

	Name	Planned Duration	Start	Finish	2022	2023	2024	2025	2026	2027	2028		
1	Clearwater Beach Marina Replacement	609d	17-Jul-23 A	05-Mar-26	Clearwater Beach Marina Replacement								
2	USACE Permit	140d	17-Jul-23 A	05-Jul-24	USACE Permit								
3	Pinellas County Dock/Fill Permit	145d	29-Sep-23 A	17-May-24	Pinellas County Dock/Fill Permit								
4	Subcontractor Bid Period	28d	10-Jan-24 A	05-Mar-24	Subcontractor Bid Period								
5	A/E Finalizes Permit Documents for Building Permit Submission	10d	12-Feb-24 A	06-Mar-24	A/E Finalizes Permit Documents for Building Permit Submission								
6	Submit Permit Documents for Building Permitting	60d	26-Feb-24 C	17-May-24	Submit Permit Documents for Building Permitting								
7	CM Generate GMP	20d	06-Mar-24 C	05-Apr-24	CM Generate GMP								
8	CM Submit GMP	1d	03-Apr-24	04-Apr-24	CM Submit GMP								
9	Owner Review and Approval of GMP	40d	04-Apr-24	31-May-24	Owner Review and Approval of GMP								
10	Owner Executes CM Construction Contract/Administrative NTP	5d	31-May-24	07-Jun-24	Owner Executes CM Construction Contract/Administrative NTP								
11	CM Performs Project Buyout	15d	07-Jun-24	28-Jun-24	CM Performs Project Buyout								
12	Submit Pinellas County Demolition Notice	10d	28-Jun-24	15-Jul-24	Submit Pinellas County Demolition Notice								
13	Submit Steel Piling Submittals	5d	28-Jun-24	08-Jul-24	Submit Steel Piling Submittals								
14	Submit Fuel Equipment Submittals	5d	28-Jun-24	08-Jul-24	Submit Fuel Equipment Submittals								
15	Submit Timber Pile Submittals	5d	28-Jun-24	08-Jul-24	Submit Timber Pile Submittals								
16	Submit Floating Dock Systems Submittal	20d	28-Jun-24	29-Jul-24	Submit Floating Dock Systems Submittal								
17	Submit Electrical Equipment Submittals	10d	28-Jun-24	15-Jul-24	Submit Electrical Equipment Submittals								
18	Submit Seawall Material Submittals	5d	28-Jun-24	08-Jul-24	Submit Seawall Material Submittals								
19	Review and Approve Seawall Material Submittals	10d	08-Jul-24	22-Jul-24	Review and Approve Seawall Material Submittals								

Project Area

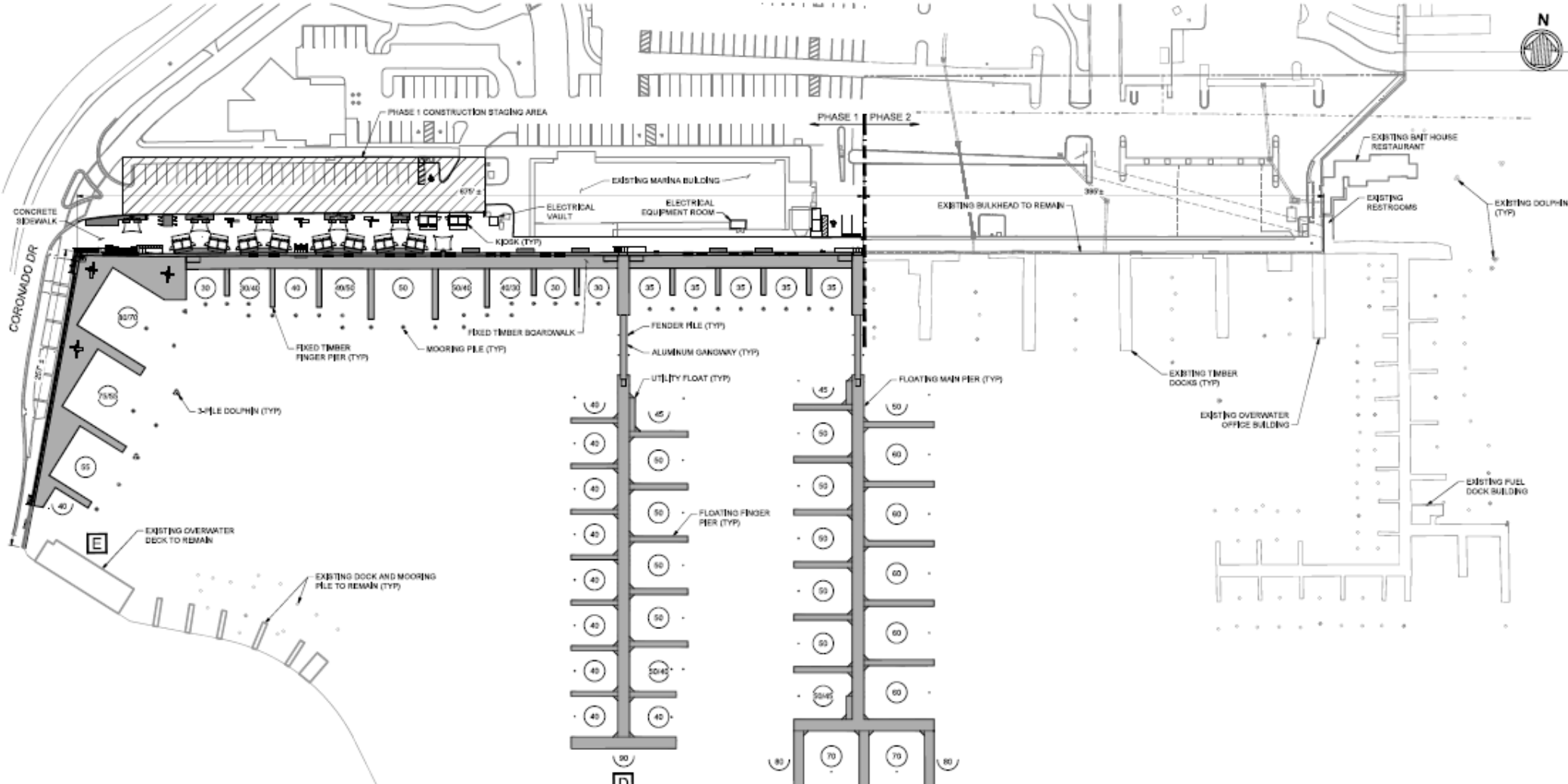


PROJECT AREA

-  Upland
-  Marina

Slip Size	EXISTING SLIP MIX					
	COMMERCIAL*		RECREATIONAL		TOTAL	
	(#)	(%)	(#)	(%)	(#)	(%)
<40	21	35.6%	29	27.4%	50	30.3%
40	9	15.3%	0	0.0%	9	5.5%
50	10	16.9%	58	54.7%	68	41.2%
60	8	13.6%	7	6.6%	15	9.1%
70+	11	18.6%	12	11.3%	23	13.9%
Total	59	100.0%	106	100.0%	165	100%

*Commercial count includes 6 fuel slips and 1 ferry slip



- LEGEND**
- PHASE 1
 - EXISTING
 - PHASE 1 STAGING AREA
 - DOCK DESIGNATOR
 - DOUBLE SLIP
 - SINGLE SLIP

SLIP MIX		
SLIP DES. NO.	PHASE 1	
	QUANTITY	%
30	6	8%
35	10	11%
40	25	27%
45	3	3%
50	25	27%
55	3	3%
60	10	11%
70	5	5%
75	1	1%
80	3	3%
85	1	1%
TOTAL	84	100%

NOTES:

1. EXISTING DOCKS AND PARKING AREA WITHIN PHASE 2 LIMITS TO REMAIN OPERATIONAL DURING PHASE 1 CONSTRUCTION.



BID SUBMITTAL
 ISSUED: 2023-12-01
 NOT TO BE USED FOR CONSTRUCTION



501 E. KENNEDY BLVD, STE 1910
 TAMPA, FL 33602
 PHONE: (813) 258-8818

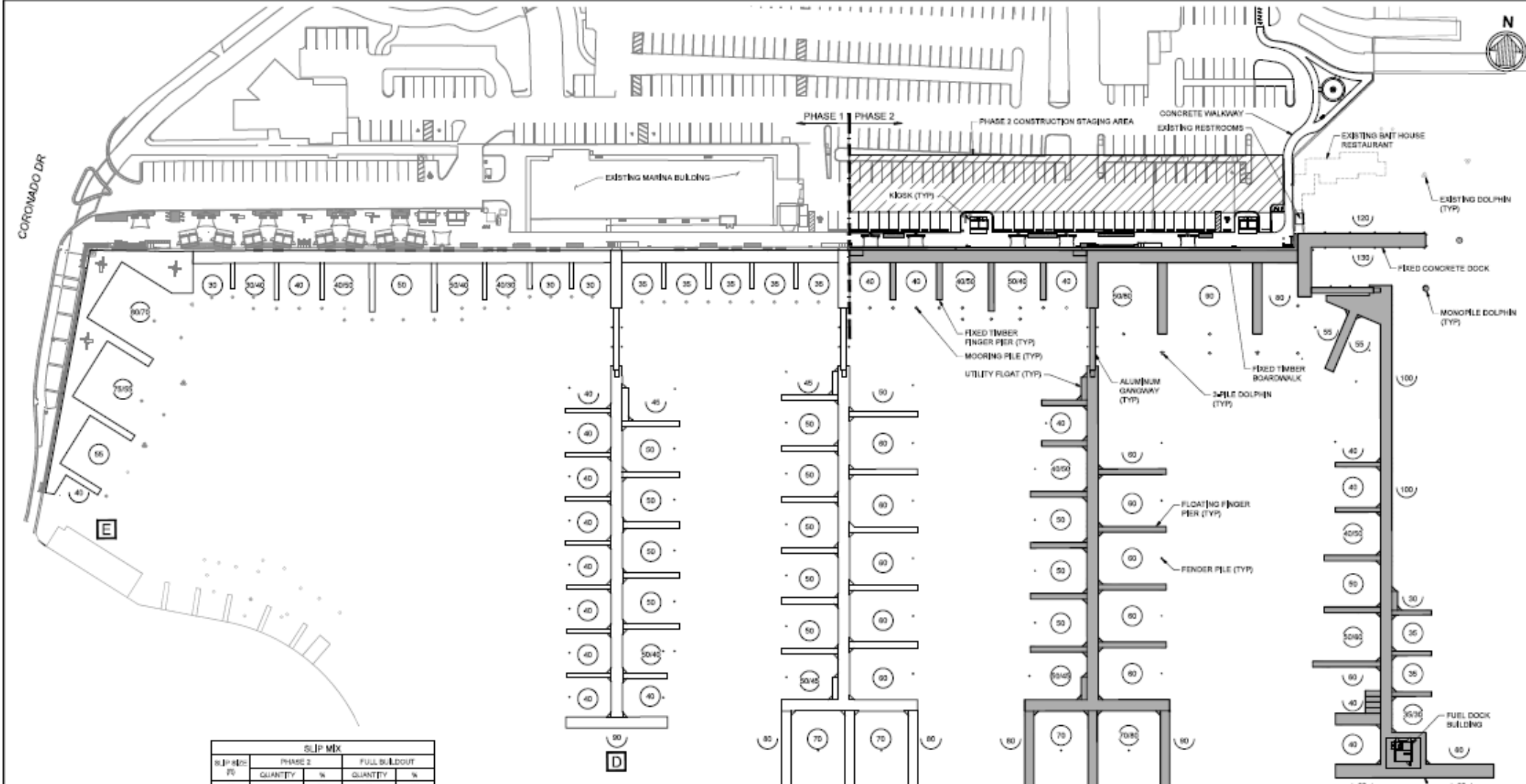
CITY OF CLEARWATER, FLORIDA
 ENGINEERING DEPARTMENT
 100 S. MYRTLE AVE.
 CLEARWATER, FL 33755

CLEARWATER BEACH MARINA REPLACEMENT
PHASING PLAN - PHASE 1

PROJECT NO.	21-2305-MA	DESIGNED BY	JPM	DATE	
ISSUED FOR	2023-01-15	CHECKED BY	GNL		
REVISED FOR	211225	CONTRACT NO.	N80		
DATE	2023-11-17	DESIGNED BY	KT		
SCALE	AS SHOWN PER				

G-101

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SLIP #/PI	PHASE 2		FULL BUILDOUT	
	QUANTITY	%	QUANTITY	%
30	2	2%	17	8%
35	5	7%	15	9%
40	18	25%	43	20%
45	1	1%	4	2%
50	15	21%	40	24%
55	3	3%	5	3%
60	14	20%	24	11%
70	3	4%	9	5%
80	4	6%	7	4%
90	3	4%	4	2%
100	4	6%	4	2%
TOTAL	71	100%	164	100%

- LEGEND**
- PHASE 2
 - EXISTING (PHASE 1)
 - PHASE 2 STAGING AREA
 - DOCK DESIGNATOR
 - DOUBLE SLIP
 - SINGLE SLIP

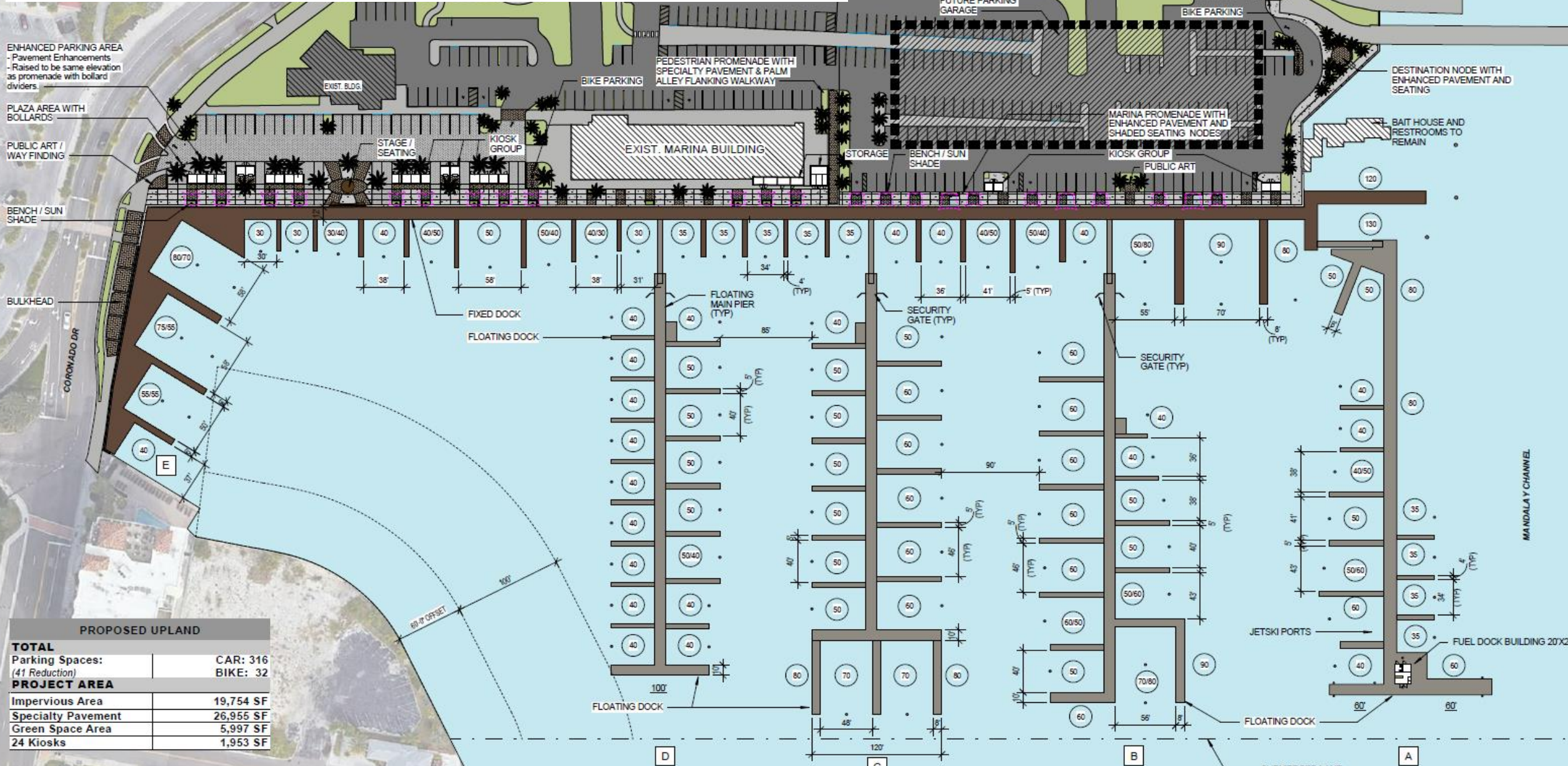
NOTES:

- MARINA TENANTS MUST BE RELOCATED TO PHASE 1 AREA FROM EXISTING DOCKS PRIOR TO COMMENCING WITH PHASE 2 CONSTRUCTION, PHASE 1 WILL REMAIN OPERATIONAL DURING PHASE 2 CONSTRUCTION.



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 ISSUED: 2023-1-24-01
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Master Plan - Hybrid Alternative

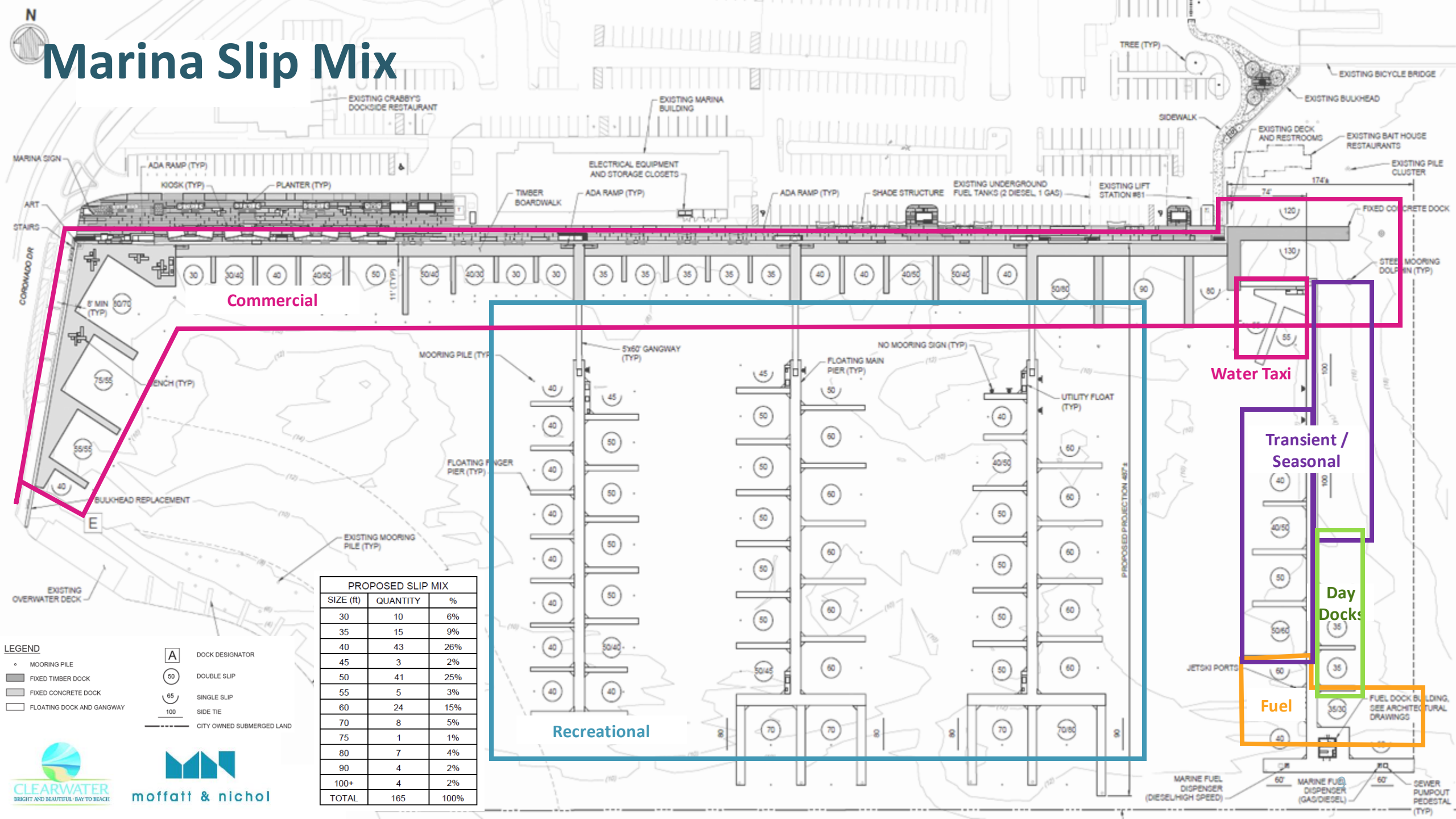


- ENHANCED PARKING AREA
- Pavement Enhancements
- Raised to be same elevation as promenade with bollard dividers
- PLAZA AREA WITH BOLLARDS
- PUBLIC ART / WAY FINDING
- BENCH / SUN SHADE
- BULKHEAD

PROPOSED UPLAND	
TOTAL	
Parking Spaces: (41 Reduction)	CAR: 316 BIKE: 32
PROJECT AREA	
Impervious Area	19,754 SF
Specialty Pavement	26,956 SF
Green Space Area	5,997 SF
24 Kiosks	1,953 SF

SUBMERGED LAND LEASE BOUNDARY

Marina Slip Mix



Commercial

Water Taxi

Transient / Seasonal

Day Docks

Fuel

Recreational

PROPOSED SLIP MIX		
SIZE (ft)	QUANTITY	%
30	10	6%
35	15	9%
40	43	26%
45	3	2%
50	41	25%
55	5	3%
60	24	15%
70	8	5%
75	1	1%
80	7	4%
90	4	2%
100+	4	2%
TOTAL	165	100%

- LEGEND**
- MOORING PILE
 - FIXED TIMBER DOCK
 - FIXED CONCRETE DOCK
 - FLOATING DOCK AND GANGWAY
 - Ⓐ DOCK DESIGNATOR
 - 50 DOUBLE SLIP
 - 65 SINGLE SLIP
 - 100 SIDE TIE
 - CITY OWNED SUBMERGED LAND

Marina Walk West Plaza



Final Design Summary

- Marina maintains same slip count and balanced slip mix
- Commercial boats slips remain docked along perimeter of marina with fixed docks
- Resilient floating docks provided for non-commercial end users
- Fixed docks and gangway access platforms raised 15" to 24" to accommodate rising water levels
- Bulkhead replacement raises cap by 15" to 18" to meet minimum cap height
- "Marina Walk" extends Beach Walk with shade, and seating
- Kiosks located upland near primary dock entrances
- ADA compliant facility
- EV charging stations and electric boat charging added

