



AGENDA
Regular City Council Meeting
Monday, May 2, 2022, 6:00 PM
Council Chambers, 116 First Street, Neptune Beach, Florida

1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE
2. AWARDS / PRESENTATIONS / RECOGNITION OF GUESTS
 - A. North Florida Transportation Planning Organization (TPO) - Clark Letter
3. APPROVAL OF MINUTES
 - A. **March 29, 2022, Special Roundtable City Council Meeting**
April 4, 2022, Regular City Council Meeting
April 18, 2022, Workshop City Council Meeting
4. COMMENTS FROM THE PUBLIC
5. COMMUNICATION / CORRESPONDENCE / REPORTS

• Mayor • City Council • City Manager	• City Attorney • City Clerk • Departmental Reports
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6. CONSENT AGENDA / NONE
7. VARIANCES / SPECIAL EXCEPTIONS / DEVELOPMENT ORDERS
 - A. SE22-01 Special Exception Application -Juanita Stephens, 120 Lemon Street. The request is to allow a part-time massage therapy suite to operate during daylight hours only.
8. ORDINANCES / NONE
9. OLD BUSINESS
 - A. Resolution No. 2022-05, A Resolution of the City of Neptune Beach, Florida, Modifying Parking Rates and Availability to Neptune Beach Residents
 - B. Consideration of Approval of Dancin' in the Street Event - May 21, 2022
 - C. Consideration of Approval of Neptune Beach Senior Activity Center RFP
10. NEW BUSINESS
 - A. Consideration of Approval for Server Upgrade
 - B. Consideration of Approval of Phase II of the Resiliency Lab StormSensor Project

11. COUNCIL COMMENTS

12. ADJOURN



March 14, 2022

Agenda Item #2A

TIP Presentation

The Honorable Elaine Brown, Mayor
City of Neptune Beach
116 First Street
Neptune Beach, FL 32266

Dear Mayor Brown,

The North Florida TPO is developing the ***Transportation Improvement Program (TIP) for Fiscal Years 2022/2023 through 2026/2027***. The TIP identifies all publicly funded highway, transit and aviation projects within the North Florida TPO area which includes Clay, Duval, Nassau and St. Johns Counties.

To increase public involvement in developing the TIP and to inform the City of Neptune Beach City Council as to the projects planned and programmed for the area, Clark Letter would like to make a brief presentation at your **Monday, May 2** meeting. The presentation should be no more than 10 minutes and Clark will gladly answer any questions.

I look forward to hearing from you soon regarding this request.

Sincerely,

A handwritten signature in blue ink that reads "E. De Jesus". The signature is written in a cursive, flowing style.

Elizabeth De Jesus
Transportation Programs Manager

NORTH FLORIDA TPO

**Transportation Improvement Program
FY 2022/23 - 2026/27**

Beaches TIP Supplement

Draft April 2022



Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
ATLANTIC BLVD (SR10) FROM KERNAN OVERPASS TO MAYPORT ROAD - 4454301						*Non-SIS*	
RESURFACING						Length: 4.013	
Responsible Agency: FDOT							
CST	LF	0	158,459	0	0	0	158,459
CST	DS	0	2,606,649	0	0	0	2,606,649
CST	DIH	0	45,298	0	0	0	45,298
CST	SA	0	556,123	0	0	0	556,123
CST	DDR	0	391,707	0	0	0	391,707
CST	ACNR	0	8,877,254	0	0	0	8,877,254
Total		0	12,635,490	0	0	0	12,635,490
Prior Cost < 2022/23		1,297,119	Future Cost > 2026/27		0	Total Project Cost	13,932,609
BEACH BLVD (SR 212) FROM BEACH PLAZA TO 3RD ST (SR A1A) - 4473591						*Non-SIS*	
INTERSECTION (MODIFY)						Length: 0.611	
Responsible Agency: FDOT							
CST	ACSS	0	779,177	0	0	0	779,177
Total		0	779,177	0	0	0	779,177
Prior Cost < 2022/23		39,615	Future Cost > 2026/27		0	Total Project Cost	818,792
BEACH BLVD (US 90 / SR 212) FROM CEDAR SWAMP CREEK TO BROUGHAM AVE - 4328491						*Non-SIS*	
DRAINAGE/RETENTION						Length: 1.400 MI	
Responsible Agency: FDOT							
DSB	DIH	57,141	0	0	0	0	57,141
DSB	DDR	2,165,754	0	0	0	0	2,165,754
DSB	ARPA	3,668,434	0	0	0	0	3,668,434
Total		5,891,329	0	0	0	0	5,891,329
Prior Cost < 2022/23		1,164,176	Future Cost > 2026/27		0	Total Project Cost	7,055,505

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
BEACH BLVD (US 90 / SR 212) FROM LINDEN AVE TO MARION RD - 4324031						*Non-SIS*	
TRAFFIC SIGNAL UPDATE						Length: 2.685 MI	
Responsible Agency: FDOT							
RRU	LF	0	0	0	55,112	0	55,112
CST	DS	0	0	0	3,237,589	0	3,237,589
CST	DIH	0	0	0	80,940	0	80,940
CST	SA	0	0	0	880,220	0	880,220
CST	DDR	0	0	0	566,578	0	566,578
Total		0	0	0	4,820,439	0	4,820,439
Prior Cost < 2022/23		1,032,288	Future Cost > 2026/27		0	Total Project Cost	5,852,727
BEACH BLVD (US 90 / SR 212) FROM 12TH STREET TO SRA1A - 4454201						*Non-SIS*	
RESURFACING						Length: 0.621	
Responsible Agency: FDOT							
CST	DIH	0	7,655	0	0	0	7,655
CST	SA	0	145,817	0	0	0	145,817
CST	DDR	0	798,923	0	0	0	798,923
CST	ACNR	0	1,258,470	0	0	0	1,258,470
Total		0	2,210,865	0	0	0	2,210,865
Prior Cost < 2022/23		559,984	Future Cost > 2026/27		0	Total Project Cost	2,770,849

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
BEACH BLVD (US 90 / SR 212) FROM ST JOHNS BLUFF TO GERONA DRIVE - 2097243						*Non-SIS*	
RESURFACING						Length: 3.769	
Responsible Agency: Managed by FDOT							
PE	DDR	400,000	0	0	0	0	400,000
PE	SA	179,737	0	0	0	0	179,737
PE	DS	472,367	0	0	0	0	472,367
CST	DS	0	0	15,633,296	0	0	15,633,296
CST	DIH	0	0	56,999	0	0	56,999
CST	SA	0	0	308,303	0	0	308,303
Total		1,052,104	0	15,998,598	0	0	17,050,702
Prior Cost < 2022/23		298,237	Future Cost > 2026/27		0	Total Project Cost	17,348,939
BEACH BLVD (US 90 / SR212) AT HODGES BLVD - 4319552						*Non-SIS*	
INTERSECTION (MODIFY)						Length: 0.062	
Responsible Agency: Managed by FDOT							
CST	ARPA	928,651	0	0	0	0	928,651
CST	DS	36,163	0	0	0	0	36,163
CST	DIH	14,465	0	0	0	0	14,465
CST	DDR	10,849	0	0	0	0	10,849
Total		990,128	0	0	0	0	990,128
Prior Cost < 2022/23		8,500	Future Cost > 2026/27		0	Total Project Cost	998,628

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
J TURNER BUTLER (SR 202) / INTERCOASTAL WATERWAY BRIDGE NUMBERS 720442 & 720509 - 4427801						*Non-SIS*	
BRIDGE-REPAIR/REHABILITATION						Length: .871	
Responsible Agency: FDOT							
CST	DIH	73,439	0	0	0	0	73,439
CST	BRRP	3,075,768	0	0	0	0	3,075,768
Total		3,149,207	0	0	0	0	3,149,207
Prior Cost < 2022/23		280,248	Future Cost > 2026/27		0	Total Project Cost	3,429,455
J TURNER BUTLER (SR202) FROM INTERCOASTAL WATERWAY BRIDGE TO SRA1A - 4471281						*Non-SIS*	
RESURFACING						Length: 1.794	
Responsible Agency: FDOT							
CST	DS	0	316,632	0	0	0	316,632
CST	DIH	0	43,250	0	0	0	43,250
CST	SA	0	670,615	0	0	0	670,615
CST	DDR	0	2,272,270	0	0	0	2,272,270
CST	ACNR	0	4,117,800	0	0	0	4,117,800
Total		0	7,420,567	0	0	0	7,420,567
Prior Cost < 2022/23		179,418	Future Cost > 2026/27		0	Total Project Cost	7,599,985

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
SR 101 FROM ATLANTIC BLVD TO 7TH STREET - 4454281						*Non-SIS*	
RESURFACING						Length: 0.383	
Responsible Agency: Managed by FDOT							
PE	DDR	830,386	0	0	0	0	830,386
PE	SA	71,542	0	0	0	0	71,542
CST	DIH	0	0	4,898	0	0	4,898
CST	SA	0	0	220,385	0	0	220,385
CST	DDR	0	0	295,072	0	0	295,072
CST	ACNR	0	0	979,494	0	0	979,494
Total		901,928	0	1,499,849	0	0	2,401,777
Prior Cost < 2022/23		44,382	Future Cost > 2026/27		0	Total Project Cost	2,446,159

SR A1A (US 105) FROM SHAD CREEK TO LITTLE TALBOT ISLAND - 2094414						*Non-SIS*	
RESURFACING						Length: 2.67	
Responsible Agency: Managed by FDOT							
PE	DDR	64,638	0	0	0	0	64,638
PE	SA	368,000	0	0	0	0	368,000
PE	DS	132,037	0	0	0	0	132,037
CST	DS	0	0	4,510,705	0	0	4,510,705
CST	DIH	0	0	15,933	0	0	15,933
CST	SA	0	0	223,237	0	0	223,237
Total		564,675	0	4,749,875	0	0	5,314,550
Prior Cost < 2022/23		112,916	Future Cost > 2026/27		0	Total Project Cost	5,427,466

Phase	Fund Source	2022/23	2023/24	2024/25	2025/26	2026/27	Total
SR A1A/HECKSCHER DR FROM HUGUENOT PARK TO GEORGE RIVER BRIDGE - 4331641						*Non-SIS*	
BIKE PATH/TRAIL						Length: .573	
Responsible Agency: Managed by FDOT							
CST	DIH	0	0	0	88,104	0	88,104
CST	TLWR	0	0	0	5,121,088	0	5,121,088
Total		0	0	0	5,209,192	0	5,209,192
<i>Prior Cost < 2022/23</i>		<i>1,542,872</i>	<i>Future Cost > 2026/27</i>		<i>0</i>	<i>Total Project Cost</i>	<i>6,752,064</i>

APPENDIX I

Abbreviations & Acronyms

ABBREVIATIONS AND FUNDING SOURCES

AGENCIES

FAA	Federal Aviation Administration
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
JAA	Jacksonville Aviation Authority
JTA	Jacksonville Transportation Authority
SA/STJAA	St. Augustine/St. Johns County Airport Authority

PROJECT PHASES

ADM	Administration
CAP	Capital
CST	Construction
DSB	Design Build
ENV	Environmental
INC	Contract Incentives
LAR	Local Advance Reimbursement

MNT	Bridge/Roadway/Contract Maintenance
MSC	Miscellaneous
OPS	Operations
PDE	Project, Development & Environment Study
PE	Preliminary Engineering
PLN	Planning
ROW	Right-of-Way Acquisition
RPY	Repayments
RRU	Railroad/Utilities

FUNDING SOURCES

ACBR	Advance Construction (BRT) – Federal Bridge Replacement
ACBZ	Advance Construction (BRTZ)
ACER	Advance Construction (ER)
ACCM	Advance Construction (CM)
ACEN	Advance Construction Equity Bonus National Highway
ACF0	Advance Construction for High Priority
ACFP	Advance Construction Freight Program (NFP)
ACIM	Advanced Construction Interstate

ACNP	Advance Construction (NHPP)
ACSA	Advanced Construction Transportation Management Areas
ACSB	Advance Construction for SABR STP Bridges
ACSE	Advanced Construction Enhancement
ACSH	Advanced Construction Hazard Elimination
ACSL	Advance Construction (SL)
ACSS	Advanced Construction Safety
ACSU	Advance Construction (SU)
BNBR	State Bonds (Statewide Bridges)
BNDS	Bond funding State
BNIR	Interstate R/W and Bridge Bonds
BRAC	Bridge Replacement
BRP	State Bridge Replacement
BRRP	State Bridge Repair and Rehabilitation
BRTZ	Federal Bridge Replacement - Off System
CIGP	County Incentive Grant Program
CM	Congestion Mitigation
CMAQ	Congestion Mitigation Air Quality

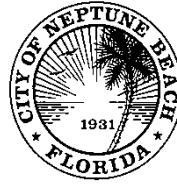
D	Unrestricted State Primary
DDR	District Dedicated Revenue (Gas Tax effective January 1, 1991)
DEM	Environmental Mitigation
DDRF	District Dedicated Matching Revenue Funds
DI	Statewide Inter/Intrastate Highways
DIH	State In-House Product Support
DIS	Strategic Intermodal System
DITS	District Intelligent Transportation Systems
DPTO	District Public Transportation Office
DRA	Rest Areas - State 100%
DS	State Primary Highways and PTO
DSBJ	I-295 Express Lanes – Capital
DU	State Primary/Federal Reimb
DWS	Weight Stations – State 100%
EB	Equity Bonus
EBNH	Equity Bonus - National Highway
EM19	GAA Earmarks FY 2019
FAA	Federal Aviation Administration
FTA	Federal Transit Administration

FTAT	FHWA Transfer to FTA (NON-BUD)
GFSU	General Fund
GMR	General Revenue for Strategic Intermodal System
GRSC	Growth Management of SCOP
HPP	High Priority Projects
HRRR	High Risk Rural Road
HSID	Intersection Crashes
HSLD	Lane Departure Crashes
HSP	Highway Safety Program
IMAC	Interstate Maintenance
IMD	Interstate Maintenance Discrete
JAA	Jacksonville Airport Authority
LF	Local Funds
LFB	Local Funds Budget
LFP	Local Funds for Participating
LFR	Local Funds/Reimbursable
LFRF	Local Funds/Reimbursable - Future
LOGT	Local Option Gas Tax

MG	Minimum Guarantee
NFPD	National Freight PGM-Discretionary
NHAC	National Highway System
NHBR	National Highway Bridges
NHPP	IM, Bridge Repl, Natnl Hwy-MAP 21
NHRE	Nat. Hwy. Perform – Resurfacing
NSTP	New Starts Transit Program
PKBD	Turnpike Master Bond Fund
PKYI	Turnpike Improvement
PKLF	Local Support for Turnpike
PLH	Public Lands Highway
PLHD	Public Lands Highway Discretionary
PORT	Seaports
REPE	Repurposed Federal Earmarks
RHH	Rail Highway Crossings - Hazard
RHP	Rail-Highway Safety Crossings – Prot. Dev.
SA	Transportation Management Areas
SCED	2012 SB1998-Small County Outreach
SCOP	Small County Outreach Program

SCRA	Small County Resurfacing
SIWR	2015 SB2514A-Strategic INT SYS
SE	Transportation Enhancement Activities related to any Surface Transportation Program
SH	Hazard Elimination
SIBG	SIB funds – Growth Management
SIB1	State Infrastructure Bank
SL	STP Areas <=200K
SN	STP, Mandatory Non-Urban <=5K
SR	Surface Transportation Program (STP) Railroad Hazard Elimination
SR2T	Safe Routes - Transfer
SS	Any safety improvement eligible under the Section 130 Railway-Highway Crossings Program and the Section 152 Hazard Elimination Program (allocated by statutory formula)
STED	2012 SB1998-Strategic Econ Cor
STP	Surface Transportation Program
SU, XU	Surface Transportation Program (STP) in urban areas with a population of over 200,000
TALT	Transportation Alts – Any Area
TALU	Transportation Alts - >200K
TDTF	Transportation Disadvantaged Trust Fund (80% Federal/20% State)
TGR	Tiger Grant through FHWA

TLWR	Suntrail
TMBJ	I-95 Express Lanes – Maintenance
TOBJ	I-95 Expressway Lanes - Operating
TMA	Transportation Management Areas - Areas with a population of over 200,000
TRIP	Transportation Regional Incentive Program
TRWR	TRIP Wheels on Road
XA	Surface Transportation Program (STP) in any urban areas.
XU, SU	Surface Transportation Program (STP) in urban areas > 200k



MINUTES
ROUNDTABLE CITY COUNCIL MEETING
TUESDAY, MARCH 29, 2022, 6:00 P.M.
NEPTUNE BEACH CITY HALL
116 FIRST STREET
NEPTUNE BEACH, FLORIDA 32266

Pursuant to proper notice, a Roundtable City Council Meeting of the City Council of the City of Neptune Beach was held on Tuesday, March 29, 2022, at 6:00 p.m., at Neptune Beach City Hall, 116 First Street, Neptune Beach, Florida 32266.

Attendance:

IN ATTENDANCE:

Mayor Elaine Brown
 Vice Mayor Kerry Chin
 Councilor Lauren Key (*absent*)
 Councilor Nia Livingston
 Councilor Josh Messinger

STAFF:

City Manager Stefen Wynn
 City Attorney Zachary Roth
 Community Development Director Samantha Brisolara
 Code Compliance Supervisor Piper Turner
 City Clerk Catherine Ponson

Community Development Board Members:

Rene Atayan, Bob Frosio, Charles Moore, William Randolph, Greg Schwarzenberger, Anthony Mazzola, Jonathan Raiti

Call to Order/Roll Call/Pledge

Mayor Brown called the Roundtable Meeting to order at 6:00 p.m. and led the Pledge of Allegiance.

City Manager Stefen Wynn explained where the City is in the process of the Land Development Code (LDC) revision. The City is in Phase 3 of the Vision Plan, which is the LDC rewrite. The LDC rewrite is 80% completed. He stated there would be 12 opportunities for public comment. If someone wants to speak they can fill out one form and list the topics they want to address. There are some topics that the City wants further clarification on, so we can write a Code that is tailored to our residents.

The decisions that are made at this meeting are not the final draft. This is giving staff direction in the way that residents and Council approve. The Community Development Board (CDB) will have a chance to review at their meeting on the second Wednesday in May. There would be opportunity for public comment again. The first read of the LDC draft in its entirety will be the first Council meeting of the month on June 6. This will be another opportunity for public comment. There will be a Council workshop on June 20 and then the final read on July 5.

1. Section 27-239, Table 27-239: Side Setbacks in the RC Overlay

Presentation of Item

Community Development Director Samantha Brisolara explained the proposed side setback in the RC (Residential Conservation) Overlay is five feet. It is measured from the side of the structure to the property line. The optional language would be to have seven-foot setbacks. The current Code requires seven feet.

Council Comments Councilor Livingston asked how the RC Overlay is defined

Ms. Brisolara remarked that the RC Overlay is specific to east of Third Street. It has specific architectural elements that are required for that area. The idea for the setback is to allow a garage to the side with a 40 or 50-foot lot.

Councilor Livingston commented that she thinks the side setback should be kept at seven feet. The RC Overlay areas is already fighting for space. We need to keep whatever distance between homes that we can for privacy.

Councilor Messinger stated that, as he stated in the last meeting, he believes the setback should stay at seven. It differentiates us from our neighbors to the south. It leaves more space for greenery. We have looked at our tree language and we are protecting trees and encouraging more trees on the property. For this item, it should remain at seven.

Vice Mayor Chin agrees to keep side setback at seven feet. This is something that has already existed. If it is reduced, you start introducing issues that we already face with homes that don't have a seven-foot setback, such as storing garbage cans in front. The law states it should be on the side of your house, but if you don't have any room to do that, then it starts to contribute to a look of blight. It is also good for safety reasons if emergency personnel services need to get to the backside of the house, they won't be able to if we start encroaching on the side yard setbacks. In that case, he would agree with his fellow Councilors.

Mayor Brown remarked that she agrees with staff and Council to leave the setback at seven feet.

Public Comment Sharon Jachim, 1716 Strand Street, Neptune Beach, stated the overlays are extraneous to our communities and reduces the electric charm. She does not know why this is being discussed. She is opposed to any overlay, not only the RC but also the NC Overlay.

David Blais, 800 1st Street, Neptune Beach, agreed with Ms. Jachim. He is not sure where the changes came from and it seems like we shouldn't be up here. He agrees the setbacks should be kept at seven feet. We love the way that things are now and anything that is going to allow rampant development and larger houses is not going to make the neighborhood better.

Nicole De Venoge, 617 Oak Street, Neptune Beach, spoke regarding flood control. She added that when greenspace is reduced, we are directly impacting our flood mitigation and resiliency.

Staff Clarification Ms. Brisolara summarized that seven-foot side setbacks are beneficial for fire safety, enhanced privacy, larger side yards, and reduction of structure size.

The consensus is to keep side setbacks in the RC Overlay at seven feet

2.Section 27-239(c)(1): Upper Point of Reference for Building Height

Presentation of Item Ms. Brisolara stated that the proposed Code language is The upper point of reference for determining the height of a structure shall be the average of the highest and lowest point on the roof, not including any of the exceptions in subsection (b). Subsection (b) lists church steeples, chimneys, flag poles, water towers, heating and air conditioning units, solar collectors, and similar fixtures (with additional restrictions).

The optional language is the upper point of reference for determining the height of a building or structure shall be the ridge, or highest point of the roof structure excluding all exceptions in subsection (b).

Council Comment Councilor Messinger likes the proposed staff recommendation, but his concern is he does not want to encourage all flat roofs. He is okay with not getting into a formula. He asked if there was a mechanism that can allow a little bit more of a point or shape on the roof architecturally speaking. He would also like to see if there is a way to keep building height down and not go outside of the 28 feet, but still allow for character

One of his biggest concerns is seeing a lot of spec homes come in that are just trying to put as much as they can and not being respectful of the community or character of the community.

Ms. Brisolara advised that we can always add a requirement for a sloped roof. The Code currently is 5:12.

Councilor Messinger stated he does not want to prevent someone from being able to build a modern house. There have been beautiful modern houses built in Neptune Beach and they add to our eclectic character. He does not want a Code that forces people more into the modern approach just because that allows them to get their ceiling height when doing calculations. He does not want anything that would compromise the 28-foot building height.

Vice Mayor Chin supports the proposed language from staff which is to simplify where you determine the upper point. He does not want people to be able to try figure out a way to game the system and get as high as they can by using the average calculation language and working around it. In terms of whether or not there is an issue with a flat roof, that may be something that can be controlled by making requirements or through the much demonized form-based code, which is what actually determines what people can build in terms of form and shape. He is fine with staff language as it is. He added that intentions of Councils in the past, especially with the height limit, were to keep as much as possible residential homes, east of Third, at two stories. He can't totally speak for those past Councils, but he thinks that was their intention.

Councilor Livingston stated that this seems to be wrapping up a little bit tighter rather than the general description that we currently have. With the proposed language, we now have a lower point of reference and an upper point of reference. Since we are going through the entire process of rewriting the Code, this is the time to make it tighter.

Ms. Brisolara clarified that currently there wasn't an actual upper point of reference for staff to measure building height. The City was using the ridge because it was the highest point to go to.

Mayor Brown stated that she supports staff recommendation and consistency is what we need.

Public Comment Mary Frosio, 1830 Nightfall Drive, Neptune Beach, spoke regarding building height measurement. She stated that we want to be sure our Code prohibits the use of weighted average height calculation. She stated in San Marco, a developer was able to build a 49.5-foot apartment building in a 35-foot maximum height area using weighted average height calculation. She explained with weighted averages, you take the average of several heights. They used some existing buildings that were very, very short.

Jonathan Raiti, CDB member, asked for consideration on how the ground level is being raised.

David Blais, 800 1st Street, Neptune Beach, agreed with Council that it is appropriate to leave the height at 28 feet, especially with what is being built now.

Nicole De Venoge, 617 Oak Street, Neptune Beach, stated that a lot of cities are putting in flat roofs to offset the heat island effect. A lot of things should be considered when saying no and look at what's happening around us.

Sharon Jachim, 1716 Strand Street, Neptune Beach, stated the proposals we are looking at don't include the current language. She requested to keep things simple and not require interpretation.

Staff Clarification Ms. Brisolara clarified that to enforce the height limitation, it is more efficient to measure the height to the ridgeline of the structure or highest point of the structure. This ensures consistent measurement throughout the City and there are no loopholes in measurement standard.

3.Section 27-236(e)(2)-(labeled (c)(2) on p. 38 of draft): Use of Arcades in the CBD (Central Business District)

Presentation of Item Ms. Brisolara explained that arcades are an architectural option for redevelopment in the Central Business District. The proposed language includes arcades in the CBD. Arcades are a series of arches supported by columns or piers. This provides a sheltered walkway for pedestrians.

Council Comment Vice Mayor Chin stated he already commented to staff he is opposed to having arcades in the CBD. It calls into questions a lot of issues with no insurance and indemnification. There are a lot of risks when there is a private use overhanging the right-of-way. Plus, the way our agreements work is that there are businesses that are leasing the use of the City right-of-way. If we let them overhang a section of building over it and the City takes that back, how would we reclaim that. He thinks we should remove the proposal of arcades.

Councilor Livingston concurred with Vice Mayor Chin.

Councilor Messinger commented as he expressed at the last meeting, it's a hazard. The slippery slope of allowing not just a temporary structure or outdoor seating, but a physical structure that can be multiple stories high to be over the right-of-way, not only just from a utility standpoint, is not a path we want to go down. He is in concurrence with the staff recommendation of removing arcades.

Mayor Brown concurs with her colleagues and staff.

Public Comment None

Staff Clarification Ms. Brisolara provided that arcades structurally hold a second level of building area and it can be very difficult to reclaim something that has a structural building over the top of it, especially in the City's right-of-way. It is difficult to service underground utilities and shallow right-of-way creates more conflict points for malfunction.

4.Section 27-235(a)(5): Encroachment of Porches and Stoops into Setbacks

Presentation of Item Ms. Brisolara explained that in the proposed language, porches and stoops are permitted to encroach 10 feet into the front and side setbacks. Optional code language is porches and stoops are permitted to encroach the front setback by five feet. Encroachment on the side setback shall only be 3 feet.

Council Comment Councilor Livingston stated she agrees with the proposed optional language. She commented that if we are talking about encroaching up to ten feet, even though it is a porch or a stoop, the purpose and goal of our quaint community is not taking a lot and covering it with concrete and porch. It is nice to have a yard and greenspace. We need to have as much space between our neighbors as we can.

Councilor Messinger supports the optional language as well. He added that the CDB has approved variances for small porches on the front because they add to the character of the Community and support the neighborly culture.

Vice Mayor Chin stated in the Code it states a porch and stoops could never be enclosed. His concern is someone will build a porch into the setback, and later on have it enclosed, and now they have an interior space violating the setback requirement. He asked if we could say that you cannot ask for a variance for that purpose.

Ms. Brisolara answered that as part of the permitting process, the City can make it a condition of the permit.

Vice Mayor Chin responded he is okay with the language if a condition is applied. He is not so sure that he agrees with the side setback of three feet.

Mayor Brown stated she agrees with what we need the encroachments and setbacks to be for privacy and to protect the neighborhood. She agrees with staff recommendation.

Ms. Brisolara explained that the most someone could go into a setback is three feet.

Vice Mayor Chin expressed that he is not sure he agrees on allowing a side encroachment for a side porch. People have mentioned there are concerns about privacy and noise from neighbors on the side. This would encourage generating noise from the side and he is weary of encouraging something on the side.

Public Comment Jonathan Raiti, CDB Member, 224 Bowles Street, Neptune Beach, agrees with Councilor Messinger regarding front porches in fostering a neighborly community. He agrees with Vice Mayor Chin on the side setbacks.

David Blais, 800 1st Street, Neptune Beach, echoed Vice Mayor Chin's comments that the side would encroach too much and not be fair to neighbors.

Ms. Brisolara asked for a consensus on the side setback.

Vice Mayor Chin proposed striking the encroachment on the side setback.

Councilor Livingston stated that she sees Vice Mayor Chin's point and we should be consistent.

Councilor Messinger he is okay with the language that allows the three feet for functional purposes but it can't be a ground floor structure. He would agree with eliminating the encroachment for a ground structure and things of that nature, but we allow the encroachment for an awning or that type of structure to keep someone out of the rain.

Staff Clarification Ms. Brisolara explained that encroachment of the entire front setback is not beneficial to property owners or the city, future sidewalk placement could be compromised, visibility issues when pulling into traffic, and allowing for a smaller encroachment provides a buffer to mitigate the issues listed.

5. Section 27-235(a)(8): Encroachment of Uncovered/Unenclosed Outdoor Structures into Setbacks

Presentation of Item Ms. Brisolara explained that she had spoken with Councilor Messinger and since this is for the entire City, the proposed language should stay, which is "uncovered or unenclosed outdoor structures may encroach a maximum of 15 feet into the required rear yard setback but shall be no closer than five feet from any rear property line."

Council Comment Councilor Messinger stated that the proposed language is perfect for the character of the City. The optional language would have created a huge problem in some of the other sections of the City with massive structures being able to spring up.

Vice Mayor Chin concurs and has nothing to add.

Councilor Livingston commented that with some of these sections, we are trying to make it a little too convoluted and that is where the CDB is going to have problems. If we can keep it tight, that is the way to go.

Mayor Brown concurs with her colleagues.

Public Comment None

Staff Clarification Ms. Brisolara summarized that this language refers to outdoor structures for the entire city and mitigates placement of very large structures close to property lines on larger lots west of 3rd Street.

6. Section 27-239, Table 27-239: Lot sizes in R-4 and RC Overlay

Presentation of Item Ms. Brisolara explained that lot sizes in R-4 and the RC Overlay are proposed as 40-foot lots. She stated the optional code language would be 50-foot lots with a superscript stating that lots 49 feet or less platted prior to November 1, 2021, shall be considered conforming lots. That was the date of the established moratorium.

Staff recommends requiring 50-foot lots but allowing 49-foot and smaller lots be deemed conforming as of the date of the moratorium. The larger lot sizes help to accommodate architectural standards required, provide additional space for off-street parking, and aid in the future reduction in density for the area.

City Attorney Zachary Roth stated that before the moratorium in place, people were subdividing 80-foot lots into two 40-foot lots or 120-foot lots into three 40-foot lots and did so legally under our Code. They had certain investment-backed expectations. Once we put them on notice that we put the moratorium in place and intended to change the lot sizes.

Council Comment Councilor Messinger stated that what Mr. Roth stated is one of the reasons he implemented the lot split moratorium. With what we are addressing with these Codes, we will be able to save a lot of our community character. He is in support of the staff recommendation.

Vice Mayor Chin supports the staff recommendation. He gave a history of the lot size. He reported that many years ago, the City had a minimum lot width of 50 feet in R-4. There were a small number of lots that were smaller at 40 feet. If they wanted to do something on their property, within the zoning requirements, they still had to request a variance because their lot was nonconforming. The Community Development Director back then stated if the lot width was changed to 40 feet, those lots would become compliant. The City did not contemplate people would buy up multiple lots and divide them into many 40 - foot lots.

Councilor Livingston stated she agrees with what has been said. There was a lot of lot splitting before the moratorium but we had to go by the way the Code was written.

Mayor Brown stated she concurs with her colleagues.

Public Comment Mary Frosio, 1830 Nightfall Drive, Neptune Beach, stated she is in total agreement and thanked Councilor Messinger for putting the moratorium on lot splitting in place. No one wants to have a house on a 40-foot lot next to them.

Staff Clarification Ms. Brisolara remarked that the standard platted lot size in the RC Overlay is 50 feet. Smaller lots are able to continue to exist as conforming lots with the suggested caveat. It helps reduce the density of the area and allows for additional green space.

Section 27-239, Table 27-239: Lot Coverage in the RC Overlay

Presentation of Item Ms. Brisolara reported that the proposed lot coverage in the RC Overlay is 60%. Currently, the lot coverage is 50%. Staff is recommending keeping the lot coverage at 50%.

Council Comment Vice Mayor Chin commented he agrees with the staff. We are dealing with more frequent heavy storm events and resiliency issues. The green space helps to mitigate ambient heat. More green takes away from the heat island effect we would have if we were all starting to concrete up. He reiterated he fully supports staff recommendation.

Councilor Livingston stated it has been at 50% and should stay at 50%. She does not see a reason to change it.

Councilor Messinger remarked that he fully agrees and it should stay at 50%. Not only are we having more frequent, but also heavier storm events which affect our infrastructure. Additionally, when we look at bringing in more trees, this continues to build on that trend by not reducing our coverages. He is in full support of the recommended language.

Mayor Brown is in support of the recommended language.

Public Comment Jonathan Raiti, CDB Member, 224 Bowles Street, questioned earlier drafts and it was going off of gross site area. He asked if that includes that section of the right-of-way.

Ms. Brisolara stated that needs further tightening up. The right-of-way that is included is for new development.

Mr. Raiti likes the idea of 50% just with the caveat to not include that section of right-of-way.

Scott Wiley, 723 Davis Road, Neptune Beach, stated that he agrees with Mr. Raiti and the lot coverage should be your lot and not the right-of-way.

David Blais, 800 1st Street, Neptune Beach, agrees with Mr. Raiti and Mr. Wiley.

Staff Clarification Ms. Brisolara reported that RC Overlay is prone to stormwater flooding. The reduction of lot coverage aims to mitigate stormwater on site through pervious surfaces and allows for reduction of building and accessory structure size.

8. Section 27-239, Table 27-239: Minimum Lot Sizes for Duplexes

Presentation of Item Ms. Brisolara stated that she had communicated with Councilor Key regarding this. The proposed language is minimum lot size for duplexes shall be 5,000 square feet or 2,500 square feet if fee simple. They may additionally have a lot width of 20' for two fee simple lots.

Optional code language would be minimum lot size for duplexes shall be 8,000 square feet. For fee simple lots, the minimum lot size shall be 5,000 square feet. The minimum lot width for a duplex is 80 feet. Fee simple duplex lots shall have a minimum lot width of 50 feet. All densities for residential uses shall be rounded to the nearest whole number

Ms. Brisolara added that Councilor Key thought that 8,000 square feet was a bit too big and that 6,000 square feet would be okay.

Staff recommends allowing duplexes with larger lot sizes and providing caveats to meet density calculations. Further language may be added in the land use section or non-conforming section (yet to come) to allow for retrofitting of existing duplexes to reducing any created non-conformities due to lot size restraints.

Council Comment Councilor Livingston commented that she supports the optional language is more consistent with what we have already been doing.

Councilor Messinger stated there are elements of the optional language he supports and then there are elements of the staff recommendation that he supports. He is for 8,000 square feet to allow two units to be placed, fee simple or otherwise, based on not wanting to increase density. He likes the language where staff says we further language can be added for nonconforming sections. We have a great community that is very eclectic and he does not want to get rid of all of our multi-family structures. He wants people to be able to improve those structures.

Vice Mayor Chin requested Ms. Brisolara to explain what is meant by fee simple.

Ms. Brisolara explained that fee simple means if you have a duplex and one side is owned by one owner and the other side is owned by another person.

Vice Mayor Chin stated we should stay with the 8,000 square feet all the way.

Councilor Messinger suggested we should write the Code so structures can't go fee simple but can make improvements and not be stuck in limbo.

Ms. Brisolara advised the language could be 8,000 square feet minimum lot size with a caveat for 40-foot lot for fee simple for duplexes only.

Public Comment Scott Wiley, 723 Davis Street, Neptune Beach, stated that density is a problem and agrees that 8,000 square feet is appropriate.

Staff Clarification Ms. Brisolara stated that to promote a reduction in density, duplexes will need to be on larger lots. Current duplexes on smaller lots will be considered conforming based on the lot size caveat of November 1, 2021. Major redevelopment (50% or more of the structure) outside of a natural disaster, would not allow for redevelopment of a duplex on a smaller lot.

9. Section 27-243(b)(2)e., i., ii: (is labeled 27-243(b)(2)f.,i.,ii. on p. 54 of draft) Garage Setbacks in the RC Overlay

Presentation of Item Ms. Brisolara reported that the proposed language is garages are required to be setback a minimum of 10 feet behind the primary building façade facing the street and sidewalk in the RC Overlay. The optional language is to remove the setback language.

Council Comment Councilor Messinger stated he hoped for more options. His concern is we would be losing our character if a home is mostly driveway or garage. He would like some kind of language to address this so First Street does not become a parking lot. He agrees the setback should be changed but this needs to come back to Council with more options so we don't lose our community character.

Vice Mayor Chin commented that he is okay with staff recommendation right now because looking at that section of the proposed language, it is a much more complicated issue than be simply solved in the immediate time. He is not opposed to seeing more options.

Councilor Livingston agrees with the staff recommendation. She is concerned that if we were to put something in there, from here on out, we will see the same thing. She is willing to see other options.

Mayor Brown stated she believes in allowing people to design their own home. There is a lot to do to make it conform and fit to the neighborhood. She supports the staff recommendation.

Public Comment

Jonathan Raiti, CDB Member, 224 Bowles Street, Neptune Beach, stated that sensitivity to the facts of the marketplace right now. The more options we have, the better.

Chris Goodin, former chair of the CDB, 220 Hopkins Street, Neptune Beach, stated the main thing is character. He added that if we leave everything as it is, our character will change and will not be the eclectic character that we have today.

Staff Clarification

Ms. Brisolara summarized that the requirement of garage setback encourages “cookie cutter” housing. Removing the garage setback encourages a variety in architectural choice. If a 7-foot setback is applied, having a garage on the side of a home would be difficult without side yard encroachment and too much encroachment violates Florida Fire Codes.

10. Section 27-243(b)(2)e.,vi. (is labeled 27-243(b)(2)f.,vi. on p. 55 of draft): Garage Doors Visible from Street

Presentation of Item

Ms. Brisolara explained that the proposed language is no more than two garage doors shall be visible from the street, and they shall not exceed a maximum width of 9’ each, though exceptions for garages meant to accommodate RVs and boat trailers may be allowed a width of 12 feet.

Optional Code language is to remove limitation on number and width of garage doors.

Staff recommends removing the limitations on garage doors, sizes, and types to promote off-street parking and encourage parking residents to park on their property and out of the right-of-way.

Council Comment

Vice Mayor Chin agrees with the staff recommendation although he is not opposed to looking at additional ideas. He wants to let people build as they need to build depending on their specific context.

Councilor Livingston is open to looking at other language but she thinks it should be left up to what you want. Putting too much restriction removes some of the creativity.

Councilor Messinger stated we do need to protect the City from the cookie cutter spec nature but we need to have more options to look at how we can address some of the concerns addressed. If we don’t have something in place, we would fundamentally lose our character.

Mayor Brown supports staff recommendation. She likes seeing the kind of diversity by leaving it up to the owner.

Public Comment

Mary Frosio, 1830 Nightfall Drive, Neptune Beach, stated it is a balancing act. You are not going to make everyone happy. She thanked Council for all they do.

Mark Waddell, 617 Oak Street, Neptune Beach, agrees with the philosophy of not having cookie cutter houses. His concern is if you remove limitations, you could end up with an enormous garage doors. He doesn’t understand how you can not have some sort of limitations.

Staff Clarification

Ms. Brisolara stated that removal of the language allows for variety and choice. The size and number of garages also leads to housing looking the same (“cookie cutter”). You are unlikely to fit two-car garages on smaller lots and there are existing three car garages in the RC Overlay.

11.Section 27-226(h): Proposed Addition of Uses to C-1**Presentation of Item**

Ms. Brisolara presented the proposed language as follows: C-1 Proposes to add the following uses: Bed and breakfast; Interior Service Restaurant, Carry-out, and Delivery Restaurants with outdoor seating on private property; Personal Service Establishments; Dance, Art, Dramatic, Gymnastics, Music Studio; Social, Fraternal Club, Lodge, and Union Hall.

Optional language is to remove bed and breakfast; Remove Outdoor Dining on Private and Public Property. Special Exception (means additional conditions): Interior Service, Carry-out, and Delivery Restaurants; Dance, Art, Dramatic, Gymnastics, and Music Studio; Social, Fraternal Club, Lodge, and Union Hall

Staff recommends reducing the intensity of the uses in the C-1 area and only allowing more intense uses by special exception. This will allow staff, the CDB, and City Council to thoroughly vet and review the potential impacts of the use to surrounding areas.

Council Comment

Councilor Livingston stated that she thinks that if there is going to be something as a special exception then it needs to be defined. I think that you look at what is appropriate for the location. She doesn't want to see anything that is increasing the C-1 area to a high intensity area . There are things you can do to safeguard that in the special exception. She likes that the outdoor seating was removed. She agrees with the staff recommendation but we need to add more restrictions and have it be clear.

Councilor Messinger agrees with Councilor Livingston. He stated that as it is written is too vague. He wants to encourage positive use while at the same time not allowing late night operations. He requested to come back with the best recommendation that is clear and not ambiguous. We want to make it appropriate for our community. This should be flushed out and come back in a very specific manner versus the vague manner it is currently written in.

Ms. Brisolara pointed out that bars and taverns had been removed previously.

Vice Mayor Chin reiterated he is wary of anything that increases the intensity of the usage, especially in that corridor. It could bring issues with traffic. He is initially opposed to the interior service restaurants. He is interested in Councilor Messinger's request to beef up the language. He would like to see if preconditions so that if you want to apply for a special exception interior service restaurant, you could be forewarned of the restrictions such as business hours, etc.

Mr. Roth confirmed Councilor Messinger's inquiry that if we put those requirements in the Code, this would remove any ambiguity and remove any ability future body to interpret it.

Mayor Brown remarked to leave C-1 alone. She would have to look at the language to see any of the changes.

Public Comment

The following speakers addressed Council regarding Item #11, Proposed Additions of Uses to C-1:

Mark Waddell, 617 Oak Street
 Nicole De Venoge, 617 Oak Street
 Darnelle Townsend, 1327 Trailwood Drive
 Joseph King, 517 McCollum Circle
 Steve Hould, 111 Walnut Street
 Bob Harding, 839 4th Street
 Monica Marrera, 415 McCollum Circle
 Brett Goddard, 541 Oleander Street
 Shellie Thole, 124 Margaret Street
 Scott Wiley, 723 Davis Street

Jonathan Raiti, 224 Bowles Street
 David Blais, 800 1st Street
 Matt Wilson, 218 First Street, President, BTC Merchants Association

Staff Clarification Ms. Brisolara stated from a planning perspective increase of telework (post COVID) reduces investor drive to fund office spaces diversifying the uses in C-1 promotes city viability; restaurants aid in job creation and community atmosphere. Due to required side setbacks in C-1, no strip malls would be permitted. Special exception allows for additional conditions such as required closing times, enhanced buffering, and other requirements to reduce conflict with neighboring residential uses. The removal of outdoor seating aids in noise abatement.

12. Sections 27-226 and 27-245: PUDs in C-1, C-2, C-3, and CBD

Presentation of Item Ms. Brisolara stated that the proposed Land Development Code allows PUDs in C-1, C-2, C-3, and the CBD

Optional code language is to remove the PUD language is its entirety.

Staff recommendation is PUD's can enhance public benefits and allow for unique urban design if utilized and worded properly. Staff recommends removing the PUD language from this iteration of the Land Development Code and preparing a stringent and enforceable PUD section for future addition to the code.

Council Comment Councilor Messinger stated that one of the biggest concerns with the PUD was the residential component and how poorly written it was in the past and conflicted with our Comprehensive Plan. We introduced the moratorium as it was causing problems. They allow greater restrictions and creativity. He is in favor of the staff recommendation by keeping the PUD because of how it is written now.

Vice Mayor Chin commented that he was under the impression that there are places that would be considered PUDs and if we remove the PUD language, we would lose control of those properties. Ms. Brisolara stated there were no PUDs.

Vice Mayor Chin stated he is fine with the staff recommendation. We should take the time to get something that is super tight and add more to the public benefit.

Councilor Livingston stated she agrees with staff recommendation and tighten up the public benefit section.

Mayor Brown supports staff recommendation. She is against the PUD language as it has been. She would like to see the language that is coming forward.

Public Comment Nicole De Venoge, 617 Oak Street, Neptune Beach, stated that in terms of the PUD we are opening ourselves up to a lot of issues. The community would like more clarification.

Brett Goddard, 541 Oleander Street, Neptune Beach, stated that a PUD can be a useful tool and can also be a problem when a Council or staff does not pay attention. It should not be encouraged in this rewrite.

Scott Wiley, 723 Davis Street, Neptune Beach, stated we need to remove the PUD and he agrees with staff to look at it and bring it back later.

Mary Frosio, 1839 Nightfall Drive, Neptune Beach, stated the reason for the lawsuit with 500 Atlantic, was it was poorly written. She spoke regarding having a PUD without residential. She said she is satisfied as there will not be residential in the PUD.

Staff Clarification Ms. Brisolara stated that regarding the PUD, no residential components shall be allowed in Neptune Beach. Public benefit equals valuation of variance. Public benefits can be sidewalk installation, upgraded stormwater mitigation, and additional shade trees, benches, bicycle racks throughout the city.

Removal of the language in its entirety can be done and revisited in the future, but it is recommended that the PUD language be allowed for a public benefit option that is not as easily achieved through special exception

Final City Council Mayor Brown thanked everyone that came forward and showed their concern for Neptune Comments Beach and the quality of life.

City Manager City Manager Stefen Wynn reminded everyone of the Stormwater Study Open House with consultant Jones Edmunds scheduled for Wednesday, March 30, 5:00 p.m., in Council Chambers.

Adjournment There being no further business, the Special Meeting adjourned at 9:01 p.m.

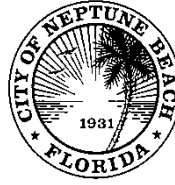
Elaine Brown, Mayor

ATTEST:

Catherine Ponson, CMC
City Clerk

Approved: _____

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MINUTES
REGULAR CITY COUNCIL MEETING
MONDAY, APRIL 4, 2022, 6:00 P.M.
NEPTUNE BEACH CITY HALL
116 FIRST STREET
NEPTUNE BEACH, FLORIDA 32266

Pursuant to proper notice, a Regular City Council Meeting of the City Council of the City of Neptune Beach was held on Monday, April 4, 2022, at 6:00 p.m., at Neptune Beach City Hall, 116 First Street, Neptune Beach, Florida 32266.

Attendance:**IN ATTENDANCE:**

Mayor Elaine Brown
 Vice Mayor Kerry Chin
 Councilor Lauren Key (*absent*)
 Councilor Nia Livingston
 Councilor Josh Messinger

STAFF:

City Manager Stefen Wynn
 City Attorney Zachary Roth
 Police Chief Richard Pike
 Commander Michael Key
 Commander Gary Snyder
 Chief Financial Officer Danielle Dyer-Tyler
 Public Works Director Jim French
 Community Development Director Samantha Brisolara
 City Clerk Catherine Ponson

Call to Order/Roll Call/Pledge

Mayor Brown called the meeting to order at 6:00 p.m. and Vice Mayor Chin led the Pledge of Allegiance.

Mayor Brown announced Councilor Key's excused absence as she has recently had a baby boy.

Mayor Brown welcomed new CFO Danielle Dyer-Tyler on her first day with the City.

AWARDS / PRESENTATIONS/ RECOGNITION OF GUESTS

**Recognition of
 Former Vice
 Mayor Jones**

Recognition of former Vice Mayor Fred Jones. Mayor Brown presented former Vice Mayor Fred Jones with a plaque recognizing his service to the City as Councilor and Vice Mayor from May 2017 to December 2021.

**Water Conservation
 Month**

Water Conservation Month Proclamation-April 2022. Mayor Brown read and presented St. Johns River Water Management District representative Ryan Spohn with a proclamation designating April as Water Conservation Month in Neptune Beach.

Officer of the Year

2021 Neptune Beach Police Department Employee of the Year - Officer Joseph Dzamko. Police Chief Richard Pike and Commanders Michael Key and Gary Snyder presented Officer Joseph Dzamko with the 2021 Officer of the Year award.

APPROVAL OF MINUTES

Minutes

Made by Messinger, seconded by Chin.

MOTION: TO APPROVE THE FOLLOWING, AS AMENDED:
March 7, 2022, Regular City Council Meeting
March 21, 2022, Special City Council Meeting
March 21, 2022, Workshop City Council Meeting

Roll Call Vote:

Ayes: 4-Livingston, Messinger, Chin, and Brown

Noes: 0

MOTION CARRIED**PUBLIC COMMENTS**

Public Comments

Sharon Jachim, 1716 Strand, Neptune Beach, spoke regarding the budget and the Code rewrite.

COMMUNICATIONS / CORRESPONDENCE / REPORTSCity Manager
Report

City Manager Stefen Wynn reported that the sidewalk in Jarboe Park should be completed to 5th Street. He reviewed the Jarboe Park expenses. He also presented the February tracking amounts for the Public Works Department. He advised that the Florida Boulevard culvert project is still on schedule for May 1 substantial completion and June 1 final completion. The LDC is moving along and many items were addressed at the March 29 Roundtable meeting.

Councilor Messinger stated that a lot of the projects discussed are also being partly paid for with grants, state revenues and other revenue streams. He is aware that things fluctuate. He requested that we see these reports so we understand where some of those streams are coming from and highlighting that information.

All monthly City Manager reports can be found, in their entirety, at:

<https://www.ci.neptune-beach.fl.us/city-manager/pages/city-manager-reports>.Police Chief
Report

Police Chief Richard Pike reported that the Cookies with a Cop on April 2 was a success and he also presented the March monthly report.

VARIANCES / SPECIAL EXCEPTIONS / DEVELOPMENT ORDERS / NONE**ORDINANCES / NONE****OLD BUSINESS / NONE****NEW BUSINESS / NONE****PUBLIC COMMENT / NONE****COUNCIL COMMENTS**

Councilor Chin commented that he had noticed at night that some of stop signs on First Street were not reflective to headlights and appeared to have been blackened.

Councilor Messinger advised that when the signs have had graffitied, the cleaner that is used takes everything off, and the reflective effect is less and less.

Councilor Chin suggested driving down and take a survey of which ones were in the worst condition.

Adjournment

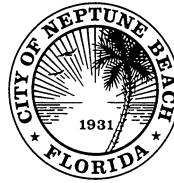
There being no further business, the meeting adjourned at 6:31 p.m.

Elaine Brown, Mayor

ATTEST:

Catherine Ponson, CMC
City Clerk

Approved: _____



MINUTES
WORKSHOP CITY COUNCIL MEETING
IMMEDIATELY FOLLOWING SPECIAL MEETING
MONDAY, APRIL 18, 2022, 6:00 P.M.
NEPTUNE BEACH CITY HALL
116 FIRST STREET
NEPTUNE BEACH, FLORIDA 32266

Pursuant to proper notice, a Workshop City Council Meeting of the City Council of the City of Neptune Beach was held on Monday, April 18, 2022, at 6:00 p.m., in Council Chambers, City Hall, 116 First Street, Neptune Beach, Florida, 32266

Attendance**IN ATTENDANCE:**

Mayor Elaine Brown
 Vice Mayor Kerry Chin
 Councilor Lauren Key (*absent*)
 Councilor Nia Livingston
 Councilor Josh Messinger

STAFF:

City Manager Stefen Wynn
 City Attorney Zachary Roth
 Police Chief Richard Pike
 Public Works Director Jim French
 Community Development Director Samantha Brisolara
 Senior Center Director Leslie Lyne
 Grant and Resiliency Coordinator Colin Moore
 Mobility Management Director Megan Steward
 City Clerk Catherine Ponson

**Call to
Order/Roll Call**

Mayor Brown called the workshop meeting to order at 6:00 p.m. and led the Pledge of Allegiance

AWARDS / PRESENTATIONS / GUESTS / NONE

DEPARTMENTAL SCORE CARD

**Dept. Score
Card**

City Manager Stefen Wynn presented the Departmental Score Card. He reported that the Lance McCauslin Memorial Bikeway had signs installed on First Street. The pickleball group raised over \$5,000 for windscreens. He reviewed the monthly building, code enforcement and fire marshal reports.

The Departmental Score Cards and reports are posted on the City website at: <https://www.ci.neptune-beach.fl.us/city-manager/pages/city-manager-reportsdepartmental-score-cards>

**Florida Blvd.
Project**

Artie Allen, A.W.A. Contracting Co. Inc., gave an update on the Florida Boulevard project. He reported he sends a new schedule to our Public Works Department every week. He would like to be done by the end of May. The next big event would be the force main transfer.

COMMITTEE REPORTS

- Charter Review Vice Mayor Kerry Chin reported he would be scheduling a meeting in the next two to three weeks.
- Land Use and Parks Councilor Messinger reported the Land Use and Parks Committee has a meeting tentatively scheduled for Tuesday, May 10.

PUBLIC COMMENTS

- Public Comment Sharon Jachim, 1716 Strand Street, Neptune Beach, spoke regarding the Code changes, including PUDs and increased density.
- Scott Gann, 1961 Mipaula Court, Atlantic Beach, stated he has a degree in Civil Engineering with a focus on Urban Planning. He presented suggestions for improvement of portions of State Road A1A through the City.
- George Schoonover, 214 Oceanfront, Neptune Beach, spoke regarding the increased traffic. He also commented that the beach looked immaculate on a Monday morning.
- Penny Kennedy, 2010 Acacia Road, Neptune Beach, spoke regarding the cost of the Dover, Kohl plan and the overspending of elected officials.

PROPOSED ORDINANCES / NONE**CONTRACTS / AGREEMENTS / NONE****ISSUE DEVELOPMENT**

- Traffic Calming Application for Traffic Calming – McCollum Circle(Cedar Street to Valley Forge Rd E.)
Mr. Wynn explained a Traffic Calming process was put into place in 2019. There is a checklist of requirements, which include a petition with enough signatures of the affected area to submit the application, a traffic study performed by the Police Department, and consideration by the Public Works Department. Historically, the City has put speed humps in which create a dam that stormwater cannot get through.
- The average speed was 21.3 mph based on the traffic study that was done on McCollum Circle. Chief Pike advised that if it is not posted, the speed limit is 25 mph per statute.
- Public Works Director Jim French pointed out this is in a Homeowners Association and it would need their approval. He recommended this get looked at holistically from an engineering standpoint for true traffic calming and better alternatives.
- Discussion included traffic increasing due to the Florida Boulevard detour, making sure this does not get lost while focusing on bigger projects, and measuring the traffic speeds for a longer period of time.
- Mayor Brown summarized that staff would need to contact the HOA to get their feedback and bring back to Council.
- Senior Center Renderings Neptune Beach Senior Activity Center Final Rendering Discussion. Mr. Wynn explained the design engineer, Marquis Latimer + Halback, (MLH) for the exterior of the Senior Center building took resident feedback and created renderings. We want to move forward with an RFP for the May 2 Council agenda. We have a donation of \$100,000 from the Eckstein Foundation.

The renderings show an overview of some additional parking, landscaping, and elevation.

Councilor Messinger stated he wants to make sure we are not removing greenery to add parking spaces. He also mentioned that it is important to use the right materials, such as posts. He also requested something be added, such as faux shutters, where there are blank walls on the outside to improve the aesthetics of the building.

Vice Mayor Chin commented that at the onsite meeting there was discussion that the stair or ramp on the east side would have some kind of roof detail that would demarcate where that happens. He didn't see it on the renderings. He added that it helps break up the unrelieved surface and marks an entry.

Mr. Wynn stated that we can do alternate bids to see pricing on adding shutters or a roof detail. The pricing we have received is substantial because they are using quality materials.

Councilor Livingston commented that due to the price of construction materials some of the extra items could be added later. She stated that the flowers should be low maintenance.

Councilor Messinger pointed out that building materials are going in the right direction and he does not want to shortchange the aesthetics of all the homes around it.

Mayor Brown stated she liked everything about it but she has concerns about the parking and people parking on the grass.

Mr. Wynn stated he would bring the RFP to Council on May 2 that shows estimated cost as it is now and with the items discussed at this meeting.

Res. No. 2022-05, Parking Rates

Resolution No. 2022-05, A Resolution of the City of Neptune Beach, Florida, Modifying Parking Rates and Availability to Neptune Beach Residents.

Councilor Messinger explained that he noticed the parking spaces set aside for residents are not being utilized. This presents a plan to provide three free hours to Neptune Beach residents at no cost, effective July 1, 2022. It would benefit our residents and would not affect our coastal renourishment requirement.

Mobility Management Director Megan Steward reported that the process of registering would be exactly like we have now. We are asking residents to check in which would help data analytics for tracking how many cars and empty spaces. She added there are 1,270 registered now.

Vice Mayor Chin asked if a resident did not use a kiosk or app to initiate parking. Ms. Steward informed him that it would show up as citable.

The City will take all of the necessary steps to educate and inform every one of the new parking information.

Councilor Livingston asked if someone stays over the three hours, do you have to go back into the app or is it automatically start charging.

Ms. Steward stated it does not automatically start charging but you can set up reminders.

Mayor Brown stated that the resolution would be moved forward to the May 2 agenda.

Dancin' in the Street

Dancin' in the Street Event – May 21, 2022. Mr. Wynn stated that the City had received a letter asking for the City to share in the cost for the Dancin' in the Street event scheduled for May 21, 2022.

Council agreed they are glad the event is back on schedule and this will be forwarded to the May 2, 2022, agenda.

LDC Discussion

Council Discussion and Review of Draft Land Development Code Changes. Mr. Wynn stated that the CDB had reviewed these sections and staff also had recommendations.

Chapter 8, Article VII, Coastal Construction Code

Chapter 8, Building and Building Regulations, Article VII Coastal Construction Code.

Mr. Wynn advised that staff added the beachfront lighting must be wildlife lighting certified by the Florida Fish and Wildlife Conservation or approved by FDEP.

Article V - Accessory Structure and Uses

Article V - Accessory Structure and Uses.

Mr. Wynn advised that staff recommendation was to remove any accessory dwelling unit for consideration in this version of the LDC. The CDB voted 5-1 to remove this.

Councilor Livingston questioned the CDB approving the proposed fences in Section 27-330(1) City Attorney Zachary Roth advised the word "and" should be "or" so if a proposed fence is over six feet, it would then go to the CDB.

Vice Mayor Chin suggested in Section 27-330 (4) a. the visibility triangle language should be generalized. Mr. Roth suggested this could be taken care of in definitions.

Councilor Messenger stated that vacation rentals are a huge detriment to our community. He just does not want to completely wipe the slate clean without looking at it further. Ultimately, if it is uncontrollable, he is okay with it.

Article VI - Concurrency

Article VI – Concurrency

Vice Mayor Chin questioned the level of service numbers in Section 27-351. He also questioned the compliance in number of courts based on populations.

Article VII- Protection of Potable Water Wellfields

Article VII - Protection of Potable Water Wellfields

No comments were made.

Article XIII - Parking and Loading

Article XIII - Parking and Loading

Councilor Messenger requested items come to Council and the CDB for approval. He suggested that even if there is a historic structure, they should still pay into the parking fund. He also regarding the credit for on-street parking, if the spaces need to be improved, that cost goes to the developer.

Code Compliance Supervisor Piper Turner stated that staff is recommending having that section removed.

Vice Mayor Chin suggested if the joint use parking agreement ends, the original required parking goes back into effect.

Mr. Roth confirmed Councilor Messinger's inquiry that the joint parking agreement could not be used as a mechanism to circumnavigate around the financial obligations.

Vice Mayor Chin questioned the bicycle parking requirements listed in the zoning districts. He asked what the intent was in not listing all of the zoning districts.

Vice Mayor Chin also questioned the conflicting language in Section 27-248(7)b i. regarding the mobility device parking. This would need further clarification.

Vice Mayor Chin pointed out the parking locations in Section 27-548(11) regarding the location of parking areas. Mr. Roth stated that is the intent to move parking locations to the side and rear of the property

Article XV -
Advertising

Article XV - Advertising

Mr. Wynn stated that language for proposed art projects was added. The CDB would like a process for public art projects. Mr. Roth advised that we need to be very careful when we start getting into regulating speech.

Article XVIII -
Nonconforming
Lots, Structures,
Uses, and Signs

Article XVIII - Nonconforming Lots, Structures, Uses, and Signs

Ms. Turner stated that the CDB discussed creating retrofits for some of the older structures. How far do you let someone go on a nonconforming structure.

Mr. Roth explained that the added language expressly states you can't increase the nonconformity.

PUBLIC COMMENTS

Public Comment

Tony Cinotti, 714 McCollum Circle, Neptune Beach, stated the traffic speed study should be done for longer period of time. He suggested maybe putting stop signs in the area to help.

Adjournment

There being no further business, the Workshop meeting adjourned at 8:06 p.m.

Elaine Brown, Mayor

ATTEST:

Catherine Ponson, CMC
City Clerk

Approved: _____

CITY OF NEPTUNE BEACH – COMMUNITY DEVELOPMENT DEPARTMENT



STAFF REPORT

MEETING DATE: May 2, 2022
BOARD/COMMITTEE: City Council
APPLICATION NUMBER: SE22-01

TO: Community Development Board

FROM: Sam Brisolaro, Community Development Director

DATE: April 27, 2022

SUBJECT: Special Exception Request_Smart Balance Massage_120 Lemon St, Neptune Beach, FL

- I. **BACKGROUND:** An application for a special exception was submitted on March 16, 2022, to operate a Massage Therapy business at 120 Lemon St., Neptune Beach, FL 32266

The applicant was operating out of 120 Lemon St, without obtaining a business tax receipt or special exception. She was unaware of the requirements and had been told by her landlord that the building had a blanket business tax receipt and that she would not need one.

Code Enforcement only became aware of the massage therapy business when Ms. Stephens placed a sign advertising her business. Once Officer Dehm made contact with Ms. Stephens, she was more than willing to comply and has provided staff with all documentation pertaining to her business operations.

Ms. Stephens went before the Community Development Board on April 13, 2022 and was granted approval from the board unanimously.

- II. **DISCUSSION:** The applicant is requesting a special exception, as listed in Section 27-226 of the Land Development Code, to operate a Day Spa in the Central Business District (CBD) Zoning District:

- **Sec. 27-226(k)(3) d.**

- Uses by special exception: “Day spa;”

III. FINDINGS:

1. The proposed use is consistent with the comprehensive plan.

- a. **Applicant Response:** “The business is located with two other businesses in one building creating a mix of uses.”
- b. **Staff Response:** Staff finds that the business is consistent with comprehensive plan policy A.1.4.2 (C) (5), Town Center which states that the area shall contain a mix of commercial uses and compatible residential uses that encourage an urban-intensive, pedestrian oriented neighborhood ambiance.

2. The proposed use would be compatible with the general character of the area, considering the population density; the design; density; scale; location, and orientation of existing and permissible structures in the area; property values; and the location of existing similar uses.

- a. **Applicant Response:** “The special exception would be compatible with the lower intensity businesses in the same office complex. The operating hours will be during daylight hours and part-time.
- b. **Staff Response:** The Central Business District is the most intense zoning district in our city (meaning allows the most uses). The use, if approved, would be operating part-time and before dusk, which is outside of the busiest time in the CBD (typically after dusk). The nature of the business is low impact which is compatible with the office uses in which it shares a building.

While the use is low impact, there are no similar uses in the area.

3. The proposed use would not have an environmental impact inconsistent with the health, safety, and welfare of the community.

- a. **Applicant Response:** “Due to the low impact nature of the business, there will be no environmental impacts.”
- b. **Staff Response:** Staff finds there are no substantial environmental impacts beyond typical solid waste generated by the building. There are no hazardous materials used for this type of use.

4. The proposed use would not generate or otherwise cause conditions that would have a detrimental effect on vehicular traffic, pedestrian movement, or parking inconsistent with the health, safety and welfare of the community.

- a. **Applicant Response:** “I will only have one client at a time and all clients must have an appointment. No walk-ins will be allowed as to be courteous to other businesses in the same space.”
 - b. **Staff Response:** The use as proposed is on an appointment basis only. As such, the typical turn around time for a massage is a 1-hour time slot. This type of slow turn around does not adversely impact traffic, pedestrians, or parking.
- 5. **The proposed use would not have a detrimental effect on the future development of the area as allowed in the comprehensive plan.**
 - a. **Applicant Response:** “The proposed use is not detrimental to future development as it is for a personal service that is low impact.”
 - b. **Staff Response:** The proposed use is consistent with other uses in the Central Business District. Due to the low impact of the business, any future development of the area, would not create any non-conformities or nuisances.
- 6. **The proposed use would not result in the creation of objectionable or excessive noise, light, vibration, fumes, odors, dust or physical activities inconsistent with existing or permissible uses in the area.**
 - a. **Applicant Response:**
 - b. **Staff Response:** Staff finds that this question was not on the Special Exception Application and the applicant was not afforded the opportunity to provide a response. However, due to the interior and low impact nature of the business, there would be no inconsistencies with existing or permissible uses in the area and the business would not create any nuisances as proposed.
- 7. **The proposed use would not overburden existing public services and facilities.**
 - a. **Applicant Response:** “No overuse of public services or facilities is required to operate. A small amount of water is used to operate the towel and rock steamer.”
 - b. **Staff Response:** Staff finds that the proposed use would not require a high level of service for the water and sewer facilities and the solid waste created by this use would be minimal as the towels and rocks are taken with the business owner for proper sanitizing.
- 8. **The proposed use meets all other requirements as provided for elsewhere in this Code.**
 - a. **Applicant Response:** “Parking only requires one space which is available by pay to park in front of the building. I have a designated parking spot for my own vehicle. I also have applied for the business tax receipt and am awaiting approval for it to be processed.”

- b. **Staff Response:** Staff finds that the use requires only one parking space per LDC, Table 27-540-1, which requires one (1) space per 300 square feet of gross floor area. In the CBD, parking requirements are further reduced by 50% (Sec. 27-540 (b)). Due to the low turnover, and the applicant having a designated parking space, the parking requirement would be met for the use.

Additionally, the two office uses also require only one (1) space per 400 square feet of gross floor area. The structure at 120 Lemon Street has a gross floor area of 1,668 square feet. If this is divided equally between the three businesses, each business is required to provide two (2) spaces. However, since they are in the CBD and are allotted a 50% reduction, each business is only required to supply once (1) parking space. There are four (4) pay to park spaces available for use in front of the building.

All other provisions of this code are met by the proposed use provided by the applicant.

- IV. **CONCLUSION:** The Community Development Board supports approval of the Special Exception based on its low impact and compatibility with the surrounding uses. Further, the use is consistent with the Town Center designation in the Comprehensive Plan.

V. **RECOMMENDED MOTION:**

- a. I move to approve /approve with conditions Special Exception SE22-01.

OR

- b. I move to deny Special Exception SE22-01 based on lack of similar uses in the area as stated by Finding #2.

APPLICATION FOR SPECIAL EXCEPTION

CITY OF NEPTUNE BEACH COMMUNITY DEVELOPMENT DEPARTMENT
116 FIRST STREET
NEPTUNE BEACH, FLORIDA 32266-6140
PH: 270-2400 Ext 34 or CDD@NBFL.US



Application Fee: \$300 Residential / \$500 Commercial

Date Filed:

Name & Address of Property Owner:	Telephone: (904) 479-8292
P. Kries LLC	E-Mail: smartbalance massage@gmail.com
	Real Estate #:
Property Address (if different from mailing):	Lot Block:
	Subdivision:
	Zoning District:

Name and Address of Agent:	Telephone:
	E-Mail:
Describe Special Exception Request:	

The Unified Land Development Code (ULDC) requires that the Community Development Board may not recommend for approval unless it makes a positive finding, based on substantial competent evidence, outlined in Section 27160

1. Based on the required findings needed to issue a special exception in Section 27-160 explain the following (attach additional sheets as necessary):

A. How the proposed is consistent with the comprehensive plan:

The business is located with 2 other businesses in one building creating a mix of uses.

B. Indicate how the proposed special expectation (use) would be compatible with the general character of the area, considering the population density; the design, density, scale, location, and orientation of existing and permissible structures in the area; property values; and the location of existing similar uses.

The Special exception would be compatible with the lower intensity businesses in the same office complex. The operating hours will be during daylight hours and part-time.

C. Indicate how the proposed special exception (use) would not have an environmental impact inconsistent with the health, safety and welfare of the community.

Due to the low impact nature of the business, there will be no environmental impacts.

D. Explain how the proposed special exception (use) would not generate or otherwise cause conditions that would have a detrimental effect on vehicular traffic, pedestrian movement, or parking inconsistent with the health, safety and welfare of the community.

I will only have one client at a time and all clients must have an appt. NO walk-ins will be allowed as to be courteous to other businesses in the space.

E. Explain how the proposed use would not have a detrimental effect on the future development of the area as allowed in the comprehensive plan.

The proposed use is not detrimental to future development as it is for a personal service that is low impact.

F. Indicate how the proposed use would not overburden existing public services and facilities.

No over use of public services or facilities is required to operate. A small amount of water is used to operate the towel and rock steamer.

G. Explain how the proposed use meets all other requirements as provided for elsewhere Chapter 27.

Parking only requires 1 space which is available by pay to park in front of the building. I have a designated parking spot for my own vehicle. I also have applied for the business tax receipt.

THE APPLICANT AND SURROUNDING PROPERTIES WILL BE NOTIFIED OF THE PUBLIC HEARING BY MAIL AND POSTING OF THE PROPERTY. THE APPLICANT OR HIS/HER AUTHORIZED AGENT MUST BE PRESENT AT THE MEETINGS.

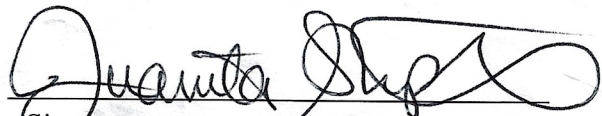
Per 27-163, If a special exception is granted the use or construction, must be commenced within twelve (12) months following the date the special exception is rendered or the special exception shall expire and be of no further force, validity, or effect.

I HEREBY CERTIFY THAT I HAVE READ AND UNDERSTAND THE INFORMATION CONTAINED IN THIS APPLICATION. THAT I AM THE PROPERTY OWNER WITH AUTHORITY TO MAKE THIS APPLICATION, AND THAT ALL THE INFORMATION CONTAINED IN THIS APPLICATION, INCLUDING ANY ATTACHMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I HEREBY APPLY FOR A SPECIAL EXCEPTION AS REQUESTED.

NAME (S) OF PROPERTY OWNER (S)


Signature

NAME OF AUTHORIZED AGENT


Signature



Powered by **coverwallet**

1100 Virginia Drive, Suite 250, Fort Washington, PA 19034

customer.service@hpsocover.com

(215) 660-0241

General Liability for Smart Balance Massage

Thanks for choosing HPSO!

Hello Juanita Stephens,

I'm happy to present to you your insurance policy. The terms and coverage details are specified in the following pages, so please review them and maintain a copy for your records. If you have any questions about the language, your coverage or anything else, please let me know.

About HPSO:

Healthcare Providers Service Organization (HPSO) and Nurses Service Organization (NSO) has over 30 years of experience providing insurance solutions to over 80 healthcare professions. HPSO and NSO, provides over 1 million healthcare providers throughout the United States with professional liability insurance and risk management information.

Type of policy	Start Date	Expiry Date	Type of Payment	Invoiced Amount
General Liability	10/27/2021	10/27/2022	Full Payment	
			Premium	\$350.00
			Taxes	\$0.00
			Purchasing Group Fee	\$0.00
			Initial Payment Processing fees	\$0.00
			Total Amount	\$350.00

customer.service@hpsocover.com | (215) 660-0241

1100 Virginia Drive, Suite 250, Fort Washington, PA 19034

Aon Affinity is the brand name for the brokerage and program administration operations of Affinity Insurance Services, Inc., a licensed producer in all states (TX 13695); (AR 100106022); in CA & MN, AIS Affinity Insurance Agency, Inc. (CA 0795465); in OK, AIS Affinity Insurance Services, Inc.; in CA, Aon Affinity Insurance Services, Inc. (CA 0694493), Aon Direct Insurance Administrators and Berkely Insurance Agency and in NY, AIS Affinity Insurance Agency.



Starr Indemnity & Liability Company

A Member of Starr Companies

Dallas, Texas
Administrative Office: 399 Park Avenue, New York, NY 10022
(866) 519-2522

Named Insured: Smart Balance Massage

Policy Number: 1000606821

Effective Date: 10-27-2021

This Policy is a legal contract between the Named Insured and Starr Indemnity & Liability Company, a Stock Company, (herein referenced as "the Company"). The Company agrees to provide insurance to the Named Insured, in exchange for the payment of the required premium. Coverage is subject to the terms and conditions described in this Policy.

This Policy and the coverage provided by it become effective at 12:01 A.M. at the address of the Named Insured on the Policy Effective Date shown above. It continues in effect in accordance with the provisions set forth in this Policy.

This Policy is governed by the laws of the state where it was delivered.

In witness whereof, we, as officers of the stock Company designated on the Declarations Page, have caused this Policy to be executed and attested. If required by state law, this policy shall not be valid unless countersigned by our authorized representative.

Signed for STARR INDEMNITY & LIABILITY COMPANY:

Steve Blakey
President and Chief Executive Officer

Nehemiah E. Ginsburg
General Counsel and Secretary



Starr Indemnity & Liability Company

**INTERLINE
SIIL DS 01 FL (0118)**

STARR COMMON POLICY DECLARATIONS

Dallas, TX

Administrative Office: 399 Park Avenue, New York, NY 10022

Policy Number: 1000606821	Producer Name: Affinity Insurance Service, Inc.
Named Insured: Smart Balance Massage	
Mailing Address: 120 Lemon Street Neptune Beach, FL 32266	
Policy Period: FROM 10-27-2021 TO 10-27-2022 At 12:01 AM Standard Time at your mailing address shown above.	

**IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL THE TERMS OF THIS POLICY,
WE AGREE WITH YOU TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.**

Description Of Business
Form Of Business:
☒ Individual ☐ Partnership ☐ Joint Venture ☐ Limited Liability Company
☐ Organization, including a corporation (but not including a partnership, joint venture or limited liability company)
Business Description: Spa Services

Coverage Parts	
This policy consists of the following coverage part(s) for which a premium is indicated. This premium may be subject to adjustment.	
<u>Coverage Part(s)</u>	<u>Premium</u>
Commercial General Liability	\$ 350

Premium
Subject to any applicable premium audit, the Total Policy Premium for all coverage parts included in this policy is: \$ 350

Countersigned: 10-26-2021
(Date)

By: 
(Authorized Representative)



Starr Indemnity & Liability Company

COMMERCIAL GENERAL LIABILITY
SICG DS 01 (0117)

STARR COMMERCIAL GENERAL LIABILITY DECLARATIONS

Policy Number: 1000606821		Effective Date: 10-27-2021				
Named Insured: Smart Balance Massage						
Coverage		Limit Of Insurance				
Each Occurrence Limit		\$ 1,000,000				
Medical Expense Limit		\$ 5,000	Any One Person			
Damage To Premises Rented To You Limit		\$ 100,000	Any One Premises			
Personal And Advertising Injury Limit		\$ 1,000,000	Any One Person or Organization			
General Aggregate Limit		\$ 2,000,000				
Products-Completed Operations Aggregate Limit		\$ 2,000,000				
All Premises You Own, Rent or Occupy						
<u>Location #</u>		<u>Address</u>				
1		120 Lemon Street Neptune Beach, FL 32266				
Classification and Premium						
Classification	Class Code	Premium Base	Rate		Advance Premium	
			Prem/ Ops	Prod/ Comp Ops	Prem/ Ops	Prod/ Comp Ops
Spas or Personal Enhancement Facilities	18200	Gross Sales	4.2120	0	\$199	Incl
Forms and Endorsements Applicable To Commercial General Liability						
Refer to SIL DS 02 Schedule of Forms and Endorsements						
Premium						
Total Commercial General Liability Coverage Part Premium: \$ 350 (a policywriting minimum premium of \$ 350. applies)						

Includes copyrighted material of Insurance Services Office, Inc., with its permission.



Policy Number: 1000606821

SCHEDULE OF FORMS AND ENDORSEMENTS

Form Number And Edition Date	Form Title
SILC IL 0001 (0118)	Starr Indemnity & Liability Company Cover Page
SIIL DS 01 FL (0118)	Starr Common Policy Declarations
SICG DS 01 (0117)	Starr Commercial General Liability Declarations
SIIL DS 02 (0117)	Schedule Of Forms And Endorsements
SICG-TC-1(0413)	Table Of Contents
CG 00 01 04 13	Commercial General Liability Coverage Form
CG 02 20 03 12	Florida Changes - Cancellation And Nonrenewal
CG 20 01 12 19	Primary And Noncontributory - Other Insurance Condition
CG 21 06 05 14	Exclusion - Access Or Disclosure Of Confidential Or Personal Information And Data-Related Liability - With Limited Bodily Injury Exception
CG 21 32 05 09	Communicable Disease Exclusion
CG 21 46 07 98	Abuse Or Molestation Exclusion
CG 21 47 12 07	Employment-Related Practices Exclusion
CG 21 49 09 99	Total Pollution Exclusion Endorsement
CG 21 67 12 04	Fungi Or Bacteria Exclusion
CG 21 71 01 15	Exclusion Of Other Acts Of Terrorism Committed Outside The United States; Cap On Losses From Certified Acts Of Terrorism
CG 21 96 03 05	Silica Or Silica-Related Dust Exclusion
CG 22 90 04 13	Professional Liability Exclusion - Spas Or Personal Enhancement Facilities
CG 24 26 04 13	Amendment Of Insured Contract Definition
CG 40 14 12 19	Cannabis Exclusion
IL 00 17 11 98	Common Policy Conditions
IL 00 21 09 08	Nuclear Energy Liability Exclusion Endorsement (Broad Form)
IL 09 85 (0115)	Disclosure Pursuant To Terrorism Risk Insurance Act
SICG-0001 (0517)	Absolute Asbestos Liability Exclusionary Endorsement
SICG-0002 (0419)	Absolute Lead Liability Exclusionary Endorsement
SICG-0092 (0419)	Additional Insured - Automatic Status
SICG-0096 (0419)	Professional Services Exclusionary Endorsement
SICG-0097 (0419)	Waiver Of Subrogation Amendatory Endorsement



AMTA Member ID#: 1778650
Juanita Stephens

AMTA Member Classification: PROF

Enrolled Member Effective Date:

8/1/2021 to 7/31/2022

Coverage for enrolled member's business is limited to claims arising from enrolled member's professional services.

Business Name: Smart Balance Massage

Administered By:

Healthcare Providers Service Organization
Affinity Insurance Services, Inc.
1100 Virginia Drive, Suite 250
Fort Washington, PA 19034

Insurance Company:

Columbia Casualty Company
A CNA Company

TYPE OF INSURANCE	MASTER POLICY NUMBER	LIMITS (per enrolled member)
Professional Liability Occurrence Coverage	0289955556	\$2,000,000 each claim/\$6,000,000 aggregate Subject to the Master Policy Aggregate

Coverage is afforded to AMTA Members for a period of 12 months concurrent with the Enrolled Member Effective Date or until membership is terminated or expires. Student Enrolled membership expires on the last day of the month in which the Student Enrolled Member graduates. No coverage is afforded to Student Enrolled Members for providing massage therapy services outside of school sanctioned and directed activities. If the AMTA Master Policy is non-renewed or cancelled, the AMTA Member's coverage under this policy will terminate upon the expiration of the Enrolled Member Effective Date and will not be renewed. The Master Policy Aggregate may be reduced by claims paid on behalf of other insureds.

ADDITIONAL COVERAGES (included in Professional Liability Limits specified above)

- | | |
|---|---|
| <ul style="list-style-type: none"> • General Liability • Products Liability • Host Liquor Liability • Personal Injury Liability | <ul style="list-style-type: none"> • Good Samaritan Liability • Malplacement Liability • Fire & Water Legal Liability (subject to \$100,000 sub limit) |
|---|---|

COVERAGE EXTENSIONS	COVERAGE EXTENSION LIMITS
• License Protection • Defense Expense Benefit • Deposition Representation • Assault (excluding Texas) • Medical Payments • First Aid • Information Privacy Coverage (HIPAA)	\$10,000 per proceeding / \$25,000 aggregate \$10,000 aggregate \$2,500 per deposition / \$5,000 aggregate \$10,000 per incident / \$25,000 aggregate \$2,000 per person / \$100,000 aggregate \$2,500 aggregate \$25,000 aggregate

This material is intended to provide a general overview of the products and services offered. Coverage for enrolled member's business is limited to claims arising from enrolled member's professional services. Only the policy can provide the actual terms, coverage amounts, conditions and exclusions. Please contact HPSO at 1-888-253-1474 directly for a free copy of the complete policy.

Samatha Brisolará

From: Juanita Stephens <smartbalancemassage@gmail.com>
Sent: Monday, March 21, 2022 8:24 AM
To: Samatha Brisolará
Subject: Re: Special Exception
Attachments: 20220317_115522_HDR.jpg; 20220317_115539_HDR.jpg; 20220317_115511_HDR.jpg; 20220317_115531_HDR.jpg

There are two other businesses in the office I share. The signs are above the door.

On Mon, Mar 21, 2022, 8:21 AM Juanita Stephens <smartbalancemassage@gmail.com> wrote:

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Kelly Dyer

120 Lemon Street
Neptune Beach FL 32266

31st March 2022

RE: Juanita Stephens

Smart Balance Massage

To whom it may concern:

This letter is on behalf of Juanita Stephens related to her business, Smart Balance Massage. As the founder of Lemon Street Social, my goal has been to support local entrepreneurs and help them build new businesses and realize their goals to be independent.

Juanita is a professional and driven entrepreneur, who diligently worked to become a licensed masseuse with dreams of starting her own business. When she opened up Smart Balance Massage and chose our location for her office, she brought an immediate energy and improvement to the space that was felt by everyone.

She is an asset to the location and I look forward to seeing her thrive and grow as an entrepreneur.

Sincerely,



Samatha Brisolará

From: Juanita Stephens <smartbalancemassage@gmail.com>
Sent: Monday, March 21, 2022 8:25 AM
To: Samatha Brisolará
Subject: Fwd: Recommendation for Juanita Stephens
Attachments: Outlook-0w1t2pum.png

----- Forwarded message -----

From: Michelle Tipton <michelle@themorgancompany.com>
Date: Thu, Mar 17, 2022, 1:44 PM
Subject: Recommendation for Juanita Stephens
To: smartbalancemassage@gmail.com <smartbalancemassage@gmail.com>, John Tipton <johntipton5@gmail.com>

Neptune Beach Committee Board,

We would like to give the highest of recommendation for Juanita Stephens as a business owner in the City of Neptune Beach. We have known Juanita for numerous years in a professional and personal capacity. She is an incredibly hard worker and very conscientious of those around her. We have used her as a massage therapist extensively. She does excellent work and runs a professional office. Her location is always very clean and well organized. We recommend her to many friends and family. Juanita is extremely determined in achieving her goals professionally. On a personal level, she is a very kind and thoughtful person. Juanita values interpersonal relationships. We strongly support her running her business here at the beach. She will provide top quality services to residents. Please let me know if you would like to speak directly (904)294-2435.

Thank you,
Michelle & John Tipton
Beaches Residences for 47 years

Michelle Tipton
The Morgan Company
Promotional Advertising
13500 Sutton Park Drive S, Suite 204
Jacksonville, 32224

904.294.2435 (cell)
904.242.0472 (office)



Samatha Brisolara

From: Juanita Stephens <smartbalancemassage@gmail.com>
Sent: Monday, March 21, 2022 8:26 AM
To: Samatha Brisolara
Subject: Fwd: Smart Balance
Attachments: logo-small-linear.png

----- Forwarded message -----

From: Nicole Brose <nicole@nonprofix.com>
Date: Thu, Mar 17, 2022, 1:36 PM
Subject: Smart Balance
To: Juanita Stephens <SmartBalanceMassage@gmail.com>

Dear Juanita of Smart Balance,

I am writing this note as a letter of recommendation. I have been getting massage therapy work for nearly 30 years and I must say your services are not only some of the best I've had, the location is convenient and relaxing. From the music played, to the quaint cottage you're located in. You are also very sweet and professional.

I also can have lunch or dinner close by, or even shop at some of the locally owned business once finished (extra bonus).

I've been getting a massage once a week since you've opened and will continue to do so! Thank you again for being you...and for being one of the best therapist I've ever had!

Sincerely,
Nicole

Nicole Brose
Creator Of Opportunities
904.234.3223
www.nonprofix.com
1015 Atlantic Blvd. #511
Atlantic Beach, FL, 32233



CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Special Exception

My name is Juanita Stephens. I'm a licensed Massage Therapist and owner of Smart Balance Massage. I'm renting a small room at 120 Lemon Street, Neptune Beach, Florida 32266. I share that building with a marketing/finance company. I am the only Massage Therapist in my office and plan on being the only one their.

I work part time due to another business I run in the Beaches area. I'm only at the office when an appointment is booked only. The max a week are up to 12 clients, 3 days out the week. They're spaced 30min-1hr between the next client. My on-call hours are from 8:30am-6pm on the 3 days I'm available. This will allow that the next client doesn't have to wait as the previous client session is over.

This is a nice fit to Neptune Beach with all of the health fit lifestyle, from the food,

yoga and other activities. I deal with a lot of athletes or people who just want to relax that are residents of the area. As a child I've always wanted to be a massage therapist because I wanted to heal. Now that I am, I have purpose. I do not wish to change Neptune Beach but add to its uniqueness.

Smart Balance Massage
Juanita Stephens
904-479-8292





Follow

YOUR

Dreams











Kelly Dyer

120 Lemon Street
Neptune Beach FL 32266

31st March 2022

RE: Juanita Stephens

Smart Balance Massage

To whom it may concern:

This letter is on behalf of Juanita Stephens related to her business, Smart Balance Massage. As the founder of Lemon Street Social, my goal has been to support local entrepreneurs and help them build new businesses and realize their goals to be independent.

Juanita is a professional and driven entrepreneur, who diligently worked to become a licensed masseuse with dreams of starting her own business. When she opened up Smart Balance Massage and chose our location for her office, she brought an immediate energy and improvement to the space that was felt by everyone.

She is an asset to the location and I look forward to seeing her thrive and grow as an entrepreneur.

Sincerely,



Samatha Brisolara

From: Juanita Stephens <smartbalancemassage@gmail.com>
Sent: Monday, March 21, 2022 8:25 AM
To: Samatha Brisolara
Subject: Fwd: Recommendation for Juanita Stephens
Attachments: Outlook-0w1t2pum.png

----- Forwarded message -----

From: Michelle Tipton <michelle@themorgancompany.com>
Date: Thu, Mar 17, 2022, 1:44 PM
Subject: Recommendation for Juanita Stephens
To: smartbalancemassage@gmail.com <smartbalancemassage@gmail.com>, John Tipton <johntipton5@gmail.com>

Neptune Beach Committee Board,

We would like to give the highest of recommendation for Juanita Stephens as a business owner in the City of Neptune Beach. We have known Juanita for numerous years in a professional and personal capacity. She is an incredibly hard worker and very conscientious of those around her. We have used her as a massage therapist extensively. She does excellent work and runs a professional office. Her location is always very clean and well organized. We recommend her to many friends and family. Juanita is extremely determined in achieving her goals professionally. On a personal level, she is a very kind and thoughtful person. Juanita values interpersonal relationships. We strongly support her running her business here at the beach. She will provide top quality services to residents. Please let me know if you would like to speak directly (904)294-2435.

Thank you,
Michelle & John Tipton
Beaches Residences for 47 years

Michelle Tipton
The Morgan Company
Promotional Advertising
13500 Sutton Park Drive S, Suite 204
Jacksonville, 32224

904.294.2435 (cell)
904.242.0472 (office)



Samatha Brisolara

From: Juanita Stephens <smartbalancemassage@gmail.com>
Sent: Monday, March 21, 2022 8:26 AM
To: Samatha Brisolara
Subject: Fwd: Smart Balance
Attachments: logo-small-linear.png

----- Forwarded message -----

From: Nicole Brose <nicole@nonprofix.com>
Date: Thu, Mar 17, 2022, 1:36 PM
Subject: Smart Balance
To: Juanita Stephens <SmartBalanceMassage@gmail.com>

Dear Juanita of Smart Balance,

I am writing this note as a letter of recommendation. I have been getting massage therapy work for nearly 30 years and I must say your services are not only some of the best I've had, the location is convenient and relaxing. From the music played, to the quaint cottage you're located in. You are also very sweet and professional.

I also can have lunch or dinner close by, or even shop at some of the locally owned business once finished (extra bonus).

I've been getting a massage once a week since you've opened and will continue to do so! Thank you again for being you...and for being one of the best therapist I've ever had!

Sincerely,
Nicole

Nicole Brose
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Atlantic Beach, FL, 32233



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MINUTES
COMMUNITY DEVELOPMENT BOARD
April 13, 2022, AT 6:00 P.M.
COUNCIL CHAMBERS
116 FIRST STREET
NEPTUNE BEACH, FLORIDA 32266

Pursuant to proper notice a public hearing of the Community Development Board for the City of Neptune Beach was held both in person April 13, 2022, at 6:07 p.m. in the Council Chambers.

Attendance

Board members were in attendance:

Bob Frosio, Chair
Greg Schwatzenberger, Vice-Chair
Jonathan Raitti, Member
Rene Atayan, Member
William Hilton, Member
Charley Miller, Member

The following staff members were present:

Samantha Brisolara, Community Development Director
Zachary Roth, City Attorney
Piper Turner, Code Compliance Supervisor

Pledge

Pledge of Allegiance.

**Call to Order/Roll
Call**

Chair Frosio called the meeting to order at 6:00 p.m.

Minutes

Made by Hilton, seconded by Schwartzenger.

**MOTION: TO APPROVE FEBRUARY 9, 2002 MINUTES AS
AMENDED AND MARCH 9, 2022, MINUTES AS
SUMMITTED.**

Roll Call Vote:

Ayes: 7-Hilton, Raitti, Randolph, Atayan, Miller, Schwartzenger,
Forsio
Noes: 0

MOTION CARRIED

Swearing in Mr. Roth, City Attorney, asked anyone appearing before the board tonight to raise their right hand to be sworn in.

Variance application Michelle Lynn Larson Et Al & Anthony Rummel R/S 1515 Kings Road

V22-04 Application for variance as outlined in Chapter 27 Article III Division 8 of the Unified Land Development Code of Neptune Beach for Michelle Lynn Larson Et Al and Anthony Jay Rummel R/S for the property known as 1515 Kings Road (RE# 178620-0000). The request is to vary Sections 27-328(a)(2) location of an accessory structure. The request for variance is for an after the fact detached accessory structure for the storage of a boat.

Samantha Brisolara, Community Development Director presented the staff report.

I. **BACKGROUND:** An application for a variance was submitted on March 14, 2022, for a detached garage (boat shed). The applicant submitted for a variance on the March 9, 2022, Community Development Board meeting. The application was denied due to the lack of findings for approval. The applicant is resubmitting for a variance of only one provision of the code as he has worked to come into compliance for his previous variance requests.

II. **DISCUSSION:** The applicant is requesting a relief from the following Land Development Code provision:

• Sec. 27-328 (a)(2) a. "On multiple frontage lots, through lots and corner lots, accessory structures may only be located in any required interior side yard and/or required rear yard but not less than three (3) feet from any of those lot lines."

III. **FINDINGS:**

1. The property has unique and peculiar circumstances, which create an exceptional and unique hardship. For the purpose of this determination, the unique hardship shall be unique to the parcel and not shared by other property owners in the same zoning district.
 - a. Applicant Response: "The carport is positioned to be used on the property while keeping the large oak tree in the front yard without having to take down the tree."
 - b. Staff Response: Staff finds that a tree in the front yard hinders the ability to maneuver the boat safely and successfully to the side and back yard. Additionally, the tree is a heritage tree and should be protected at all costs.
2. The proposed variance is the minimum necessary to allow the reasonable use of the parcel of land.
 - a. Applicant Response: "The carport was shifted slightly on the side yard so that access was obtainable to use structure as intended. Front post[s] of structure are less than 2' & 4' from the front of the residence."
 - b. Staff Response: Staff finds that the variance is the minimum necessary to allow the reasonable use of the land for a boat carport without further harming the natural state of the land.
3. The proposed variance would not adversely affect adjacent and nearby properties or the public in general.

- a. Applicant Response: "The proposed structure does not encroach on the side or front setbacks."
- b. Staff Response: Staff finds that the setbacks of the structure comply with the regulations of the R-1 zoning district.
- 4. The proposed variance will not substantially diminish property values in, nor alter the essential character of, the area surrounding the site.
- a. Applicant Response: "The structure is a nice wood post & beam and architecturally sound with the community. I believe it raises the value of the property and neighborhood."
- b. Staff Response: The location of the boat carport extends only 2 feet beyond the front facade of the house and does not diminish property values or alter the character of the area surrounding the site. The minor extension beyond the front of the house is not recognizable to the naked eye.
- 5. The effect of the proposed variance is in harmony with the general intent of the ULDC and the specific intent of the relevant subject area(s) of the ULDC.
- a. Applicant Response: "With the reduction in overall height and the addition of the pervious driveway I believe this structure is in harmony with the U.L.D.C for the intended purpose of the structure given the current tree location."
- b. Staff Response: Staff finds that the proposed use of the structure is subordinate to the principal use of the single-family home and is therefore in harmony with the general intent of the Accessory Structures section of the Land Development Code.
- 6. The need for the variance has not been created by the actions of the property owner or developer nor is the result of mere disregard for the provisions from which relief is sought.
- a. Applicant Response: "The structure is shifted to accept the tree location in the front yard directly next to the driveway."
- b. Staff Response: Staff finds that the location of the heritage tree impacts the ability of the property owner to successfully place the boat carport in a location that is behind the front façade of the house. The protection of the city's tree canopy is priority in relation to the location of the structure pursuant to the city's comprehensive plan policy A.1.6.12 "Protect the City's existing tree canopy..."
- 7. Granting the variance will not confer upon the applicant any special privilege that is denied by the ULDC to other lands, buildings, or structures in the same zoning district.
- a. Applicant Response: "The variance for location of carport has a direct relation with the tree location of this property alone." b. Staff Response: Staff finds that granting the variance will not confer the applicant any special privilege that would be denied to other lands buildings or structures in the same zoning district.

IV. CONCLUSION: Staff supports approval of the variance based on the findings stated above. The applicant may move forward with permitting but must comply with all other provisions in Article V, Accessory Structures and Uses as stated in the Land Development Code.

V. RECOMMENDED MOTION: a. I move to approve OR (approve with conditions) Variance Application V22-04

Mr. Anthony Rummell, 1515 Kings Road, applicant and property owner, addressed the Board. Stated he had made some changes to the original plan. The roof will be lowered to 13 feet 6 inches and will meet the code and a driveway will be added on the Kings Road side of the property. The position of the structure was placed where it is because of a large tree that would have had to be removed in order to comply with the setbacks.

The floor was opened for public comments. There being no comments, the public hearing was closed.

Board Discussion:

Mrs. Atayan: Has worked with the city to make a great compromise.

Mr. Hilton: Be careful of compromising. Has to meet the test of the finding of fact by saving the trees.

Mr. Miller: Ok with approving with conditions.

Mr. Ratti: The tree canopy should be protected. Two-sided lots limit the options.

Made by Miller, seconded by Hilton.

MOTION: MOVE TO APPROVED VARIANCE APPLICATION V22-04.

Roll Call Vote:

Ayes: 7 -Hilton, Miller, Raitti, Randolph, Atayan, Schwartzberger, Forsio

Noes: 0

MOTION CARRIED

Special Exception
SE22-01 Juanita
Stephens 120
Lemon St Smart
Balance Massage

An application for a special exception was submitted by Juanita Stephens on March 16, 2022, to operate a Massage Therapy business at 120 Lemon St., Neptune Beach, FL 32266. The property is in the Central Business District.

Samantha Brisolara, Community Development Director presented the staff report.

I. BACKGROUND: An application for a special exception was submitted on March 16, 2022, to operate a Massage Therapy business at 120 Lemon St., Neptune Beach, FL 32266

The applicant was operating out of 120 Lemon St, without obtaining a business tax receipt or special exception. She was unaware of the requirements and had been told by her landlord that the building had a blanket business tax receipt and that she would not need one.

Code Enforcement only became aware of the massage therapy business when Ms. Stephens placed a sign advertising her business. Once Officer Dehm made contact with Ms. Stephens, she was more than willing to comply and has provided staff with all documentation pertaining to her business operations.

II. DISCUSSION: The applicant is requesting a special exception, as listed in Section 27-226 of the Land Development Code, to operate a Day Spa in the Central Business District (CBD) Zoning District:

- Sec. 27-226(k)(3) d. Uses by special exception: "Day spa;"

III. FINDINGS:

1. The proposed use is consistent with the comprehensive plan.
 - a. Applicant Response: "The business is located with two other businesses in one building creating a mix of uses."
 - b. Staff Response: Staff finds that the business is consistent with comprehensive plan policy A.1.4.2 (C) (5), Town Center which states that the area shall contain a mix of commercial uses and compatible residential uses that encourage an urban-intensive, pedestrian oriented neighborhood ambiance.
2. The proposed use would be compatible with the general character of the area, considering the population density; the design; density; scale; location, and orientation of existing and permissible structures in the area; property values; and the location of existing similar uses.
 - a. Applicant Response: "The special exception would be compatible with the lower intensity businesses in the same office complex. The operating hours will be during daylight hours and part-time."
 - b. Staff Response: The Central Business District is the most intense zoning district in our city (meaning allows the most uses). The use, if approved, would be operating part-time and before dusk, which is outside of the busiest time in the CBD (typically, after dusk). The nature of the business is low impact which is compatible with the office uses in which it shares a building.

While the use is low impact, there are no similar uses in the area.
3. The proposed use would not have an environmental impact inconsistent with the health, safety, and welfare of the community.
 - a. Applicant Response: "Due to the low impact nature of the business, there will be no environmental impacts."
 - b. Staff Response: Staff finds there are no substantial environmental impacts beyond typical solid waste generated by the building. There are no hazardous materials used for this type of use.
4. The proposed use would not generate or otherwise cause conditions that would have a detrimental effect on vehicular traffic, pedestrian movement, or parking inconsistent with the health, safety and welfare of the community.
 - a. Applicant Response: "I will only have one client at a time and all clients must have an appointment. No walk-ins will be allowed as to be courteous to other businesses in the same space."
 - b. Staff Response: The use as proposed is on an appointment basis only. As such, the typical turnaround time for a massage is a 1-hour time slot. This type of slow turn around does not adversely impact traffic, pedestrians, or parking.
5. The proposed use would not have a detrimental effect on the future development of the area as allowed in the comprehensive plan.
 - a. Applicant Response: "The proposed use is not detrimental to future development as it is for a personal service that is low impact."
 - b. Staff Response: The proposed use is consistent with other uses in the Central Business District. Due to the low impact of the business, any future development of the area, would not create any non-conformities or nuisances.

6. The proposed use would not result in the creation of objectionable or excessive noise, light, vibration, fumes, odors, dust or physical activities inconsistent with existing or permissible uses in the area.
 - a. Applicant Response: n/a
 - b. Staff Response: Staff finds that this question was not on the Special Exception Application and the applicant was not afforded the opportunity to provide a response. However, due to the interior and low impact nature of the business, there would be no inconsistencies with existing or permissible uses in the area and the business would not create any nuisances as proposed.
7. The proposed use would not overburden existing public services and facilities.
 - a. Applicant Response: "No overuse of public services or facilities is required to operate. A small amount of water is used to operate the towel and rock steamer."
 - b. Staff Response: Staff finds that the proposed use would not require a high level of service for the water and sewer facilities and the solid waste created by this use would be minimal as the towels and rocks are taken with the business owner for proper sanitizing.
8. The proposed use meets all other requirements as provided for elsewhere in this Code.
 - a. Applicant Response: "Parking only requires one space which is available by pay to park in front of the building. I have a designated parking spot for my own vehicle. I also have applied for the business tax receipt and am awaiting approval for it to be processed."
 - b. Staff Response: Staff finds that the use requires only one parking space per LDC, Table 27-540-1, which requires one (1) space per 300 square feet of gross floor area. In the CBD, parking requirements are further reduced by 50% (Sec. 27-540 (b)). Due to the low turnover, and the applicant having a designated parking space, the parking requirement would be met for the use.

Additionally, the two office uses also require only one (1) space per 400 square feet of gross floor area. The structure at 120 Lemon Street has a gross floor area of 1,668 square feet. If this is divided equally between the three businesses, each business is required to provide two (2) spaces. However, since they are in the CBD and are allotted a 50% reduction, each business is only required to supply once (1) parking space. There are four (4) pay to park spaces available for use in front of the building.

All other provisions of this code are met by the proposed use provided by the applicant.

IV. CONCLUSION: Staff supports approval of the Special Exception based on its low impact and compatibility with the surrounding uses. Further, the use is consistent with the Town Center designation in the Comprehensive Plan.

V. RECOMMENDED MOTION:

- a. I move to approve /approve with conditions Special Exception SE22-01.
- b. OR
- c. I move to deny Special Exception SE22-01 based on lack of similar uses in the area as stated by Finding #2

Ms. Stephens, applicant, addressed the Board. Stated she stated that she was given the opportunity to rent space to operate a massage therapy business in the location. Her business is conducted in daylight hours only between 8:30 am and 6:00 pm by appointment only. She has another business location at the Beach so the impact will be low. Can only work on 4 to 5 clients a day. There is a parking space available in front of the building for clients to use.

The floor was opened for public comments.

Mary Phillips, Atlantic Beach, supports the applicant.

Michelle Tipton works with applicant and supports and asked the board to approve the applicant.

Lori Canderi, friend, stated that the applicant cares about her clients and the community will be well served by her.

John Tipton, supports the approval.

There being no comments, the public hearing was closed

Board Discussion:

Mr. Miller: Meets the proposed code as well as the current one.

Mr. Ratti: Would any future business owner need their own special exception? Yes, that is correct.

Made by Hilton, seconded by Miller.

MOTION: **MOVE TO RECOMMEND APPROVAL OF SPECIAL EXCEPTION APPLICATION SE22-01.**

Roll Call Vote:

Ayes: 7 -Hilton, Miller, Raitti, Randolph, Atayan, Schwarzenberger, Forsio

Notes: 0

MOTION CARRIED

Application was informed that City Council makes the final decision, and that this application would be forwarded to the May 2nd meeting, and they need to attend.

ULDC
revisions
discussion

Board discussion and review of Article V Accessory Structures and Use; Article VI Concurrency; Article VII Protection of Potable Water Wellsfields; Article XIII Parking & Loading; Chapter 8 Buildings and Building Regulations; Article VII Coastal Construction Code; Article XV Advertising; Article XVIII Nonconforming Lots, Uses and Signs

Vice-Chair Schwarzenberger read a statement as he would not be able to attend next month's meeting. A proposed map was shared with the board and members of the audience.

"Over the past several months through participation in CDB meetings, observation in city council meetings, my own research, and consistent resident feedback, I have come to the conclusion that there are a couple of main areas of the proposed code that are driving a wedge between the residents and their own city government. To me these are the R4 Overlay guidelines and the proposed changes in C1 zoning.

It was thru re-reading the following section of our code that I was inspired and then had an idea I wanted to share.

Article IV / Land Use

Sec. 27-215. - Purpose and intent.

(a) The City of Neptune Beach, Florida is a residential community. The primary goals of the city, upon which the comprehensive plan was developed, are to preserve the natural beauty, pleasant environment and unique character of the city; to retain the quality of our existing residential neighborhoods by encouraging the residents to maintain and improve their property and protect these areas from the encroachment of detrimental and noncompatible land uses; and to insure that future residential areas are well planned and provided with full and adequate urban services.

// This language Runs contradictory to the proposed zoning use changes in C1. but also provides excellent guidance on how to move forward.

I want to pass you each a zoning map with a slight change that will be good reference for the rest of my short statement.

Take a look at C1 both east and west of third St. There is a clear visual distinction, and it only makes sense to have a zoning distinction between C1 west of third and the smaller C1 area east of third. With BOA certain to redevelop in the future, have we considered a flex zoning zone? A mix of residential and commercial? The BOA redevelopment will be critical to the future of NB.

PUD's have also been a point of contention, with some residents asking for them to be removed completely. Residents are also wary of a PUD becoming a workaround for certain types of special exceptions that are explicitly excluded.

I propose keeping C1 west of third zoning as is, with the same special exceptions in place now... other than one change : an additional special exception allowing mixed use in terms of additional residential units. This idea is consistent to what was approved in our most recently passed Comprehensive Plan in Chapter 2, Page 20. (Given that much of the corridor is already residential, it is worth considering allowing mixed-use development in the C-1 zoning district that would allow for "missing middle" housing such as second-floor residential, bungalow courts, and employee housing.) In addition, and to create the zoning distinction, I propose to have a step down flex zone within the first block of the R4 overlay, with a hybrid of CBD components mixed in with Residential units as described in the R4 overlay zone.

Neptune Beach, up to this point, has done a beautiful job of mixing old with new. What I am asking you to consider is progress for the city, but within the guidelines and roots of our recently passed comprehensive plan."

Chair Forsio opened the floor for general comments from the public.

Shellie Thole, 124 Margaret St, C-1 is peaceful and quite and should remain that way. She is depending on the board to listen.

Chuck McCue, 1908 Third St, controlled growth is good. Prefers to have development of Atlantic Blvd. Worried about Coffee shops or restaurants on Third St. Would like office type uses. The C-1 would go from Atlantic Blvd to Bay Street and not extend to Seagate.

Scott Wiley, 723 Davis St, not in favor of C-1 changes. PUDs need to be removed from the Code completely.

David Bais, 800 First St, agrees with the previous speakers. Concerned with the Dover Kohl understanding of the city and what the citizens wanted. Examples: R-4 changed setbacks, Floor Area Ratio removed, impervious surfaces increased. We need more time to review before approval. The Comp Plan is a 25-year document. Needs to be taken seriously and slow.

Rob Johnson, 700 Valley Forge Rd N, the code has to be enforced. Setbacks, no one wants larger structures, slow down traffic, keep it the way it is. Don't let money rule the community.

Caitlin Baiata, 453 Bowles St, C-1 is the biggest elephant in the room. Everybody loves it. Remove all special exceptions from C-1.

Public Comments were closed, and the Board discussed the proposed changes.

Mr. Hilton reminded everyone that the Board is here to make a recommendation and the citizens should reach to City Council with their concerns.

Article V Accessory Structures and Use:

These types of structure would encourage short term rentals. Pull out section 27-328(4) completely.

Change the 5-foot setbacks from the eaves not the exterior wall.

Typos in lettering.

27-330 the wording needs to be redone.

27-331-add a 15-day extension allowable if requested in writing

27-332(a) remove last line

27-332 (e) remove word "extra"

27-340 Accessory apartments. Remove entire section.

Article VI Concurrency:

27-350(a) Change "encourage" to "shall"; add comma between designee and to
27-351-Get with Public Works concerning water and seer gallon capacity per day

Article VII Protection of Potable Water Wellsfields: No comments

Article XIII Parking & Loading:

27-532 last line "the parking space required shall be rounded up to the nearest whole number

27-536-move all definitions to section 27-15 and make sure motorized vehicle complies with new ordinances

Fix typos especially Community Design back to Community Development

27-541 Change Community Development to either "Director" or "Department" to be consistent.

In lieu fees to be assessed on full number of spaces required, not on any reduced credit such as in the CBD. Clarify in text. 27-542-bike racks should be made out of aluminum

Chapter 8 Buildings and Building Regulations: No comments

Article VII Coastal Construction Code" No comments
--

Article XV Advertising: 27-596-add a process for submitting an art project and if changes are to be made once a mural has been approved and installed.

Article XVIII Nonconforming Lots, Uses and Signs: 27-706-Create retrofits, add RC overlay retrofits. There was some discussion on how this would work and how far do you go.

Open
Discussion

Chuck McCue: 27-563 cc vs watts for electric bikes. Bank of America and Regions Banks properties could use a wall along Second Street instead of landscaping. Prefers the spiral type of bike racks.

Board comments: The courts at Jarboe Park should be used for all types of sports. How do you determine what is art? It is hard to regulate.
Fence height-should it be measured from the finish level of the house or the nature grade?

Adjournment

The next board meeting will be May 11, 2022, at 6:00 pm. There being no further business, the meeting was adjourned at 9 :27 p.m.

Robert Frosio, Chairperson

ATTEST:

Piper Turner, Board Secretary



Agenda Item #9A

Res. No. 2022-05

Parking

**CITY OF NEPTUNE BEACH
CITY COUNCIL MEETING
STAFF REPORT**

AGENDA ITEM:	Resolution No. 2022-05
SUBMITTED BY:	Megan Steward, Mobility Management Director
DATE:	April 28, 2022
BACKGROUND:	The City of Neptune Beach currently has a resident parking program with 35 designated spaces in which registered residents can park. Given the current underutilization of these spaces and the feedback we've received from our residents, this resolution creates an allowance for resident parking available throughout the main, on-street paid parking zone, given the following conditions: 1) Residents must pre-register and be approved to park; 2) Residents are limited to three free hours of parking per day; and 3) Residents must check in using the mobile app or a City kiosk. Requiring resident check-in will result in several immediate benefits: First, residents will have a clear understanding of when their parking time expires. Secondly, the parking program will be able to track resident usage of BTC parking, which will improve our data analytics and help us better understand our residents' needs.
BUDGET:	Programming changes totaling \$350 in 500-1550-541-30-31 Paid Parking -- Professional Services
RECOMMENDATION:	Staff respectfully recommends Council approval of the attached Resolution No. 2022-05. The resolution was moved forward for approval at the April 18 workshop
ATTACHMENT:	- Resolution No. 2022-05

SPONSORED BY:
COUNCILOR MESSINGER



RESOLUTION NO. 2022-05

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NEPTUNE BEACH, FLORIDA, MODIFYING PARKING RATES AND AVAILABILITY TO NEPTUNE BEACH RESIDENTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, since the inception of the paid parking program, Neptune Beach residents have had access to 35 designated spaces at Cherry, Walnut, and Second Streets, with no time limits except that overnight parking is prohibited; and

WHEREAS, many residents have expressed their desire to have access to all of the Neptune Beach paid parking spaces for a period at no charge; and

WHEREAS, the City observes that the spaces at Cherry, Walnut, and Second Streets are underutilized; and

WHEREAS, providing three (3) hours of parking per day to residents will continue to support the needs of the program to incentivize the turnover of spaces; and

WHEREAS, the City anticipates it will be several months before software programming and public education campaigns can be completed in order to permit this modification; and

WHEREAS, the City Council finds that making an adjustment to the availability of spaces is in the best interest of the City, its residents, and the paid parking program;

NOW, THEREFORE, be it resolved the City Council of the City of Neptune Beach:

SECTION 1. All Neptune Beach residents who have completed registration with the North Beaches Parking Program shall be entitled to one block of up three (3) hours per day of ~~free~~ parking at no cost in designated spaces regulated by the paid parking program. Residents who remain longer than three (3) hours per day may pay to park at the established rates. The City shall publish information on the process for registration prior to the effectiveness of this Resolution. Such resident ~~free~~ parking shall not apply to any private lots managed by the North Beaches Parking Program.

SECTION 2. To qualify for the resident ~~free~~ parking program, Neptune Beach residents must check in at a pay meter or with the mobile app.

SECTION 3. Nothing in this Resolution shall be deemed to vitiate or modify the powers of the city manager as provided in Article IV, Chapter 22 of the City's Code of Ordinances, including, in particular, those of Section 22-51.

SECTION 4. This Resolution shall take effect Friday, July 1, 2022.

PASSED AND ADOPTED by the City Council of Neptune Beach, Florida, at the Regular Council Meeting held this 2nd day of May, 2022.

Elaine Brown, Mayor

Attest:

Catherine Ponson, City Clerk

Approved as to form and correctness:

Zachary Roth, City Attorney

Agenda Item # 9B
Dancin' in the Street

March 18, 2022

Ms. Patsy Bishop
Town Center Agency, Inc.
109 First Street
Neptune Beach, FL 32266

Dear Ms. Bishop:

Thank you for your letter asking permission to conduct the annual Dancin' in the Street event on Saturday, May 21, 2022, from 11:00 am to 9:30 pm. It is my understanding that your request includes the closing of streets that perimeter Town Center on May 21st from 5:00 am to 11:00 pm. These streets include Atlantic Blvd. to Second Street and First Street from Atlantic Blvd. to Orange Street. Additionally, you are asking for the closure of the 100 block of Atlantic Blvd. from May 20th to May 22nd at Noon for stage setup and breakdown.

Lastly, your request also includes the waiver of the open container ordinance for the day to allow alcohol sales by the Town Center Agency, Inc. within the bounds of the event.

By way of this letter, the City of Neptune Beach is conditionally granting permission for this event. Conditions are as follows:

- 1) must meet and adhere to all rules established by the City Manager's Office of the City of Neptune Beach
- 2) **proof of liability for at least \$1 million naming the City of Neptune Beach as additional insured must be provided no later than 48 hours prior to the event**
- 3) a contact name and number of a person in a position of responsibility must be provided for the event (*on file*)
- 4) adherence to all laws and ordinances pertaining to the City of Neptune Beach, the State of Florida, and the Federal Government, except the open container within the festival perimeter
- 5) allowed use of the Neptune Beach City Hall Chambers on May 21st for banking purposes with the stipulation that no alcohol is permitted within the building at any time
- 6) inspection of the event by a City of Neptune Beach designated Fire Marshal to ensure the use of tents, etc., adheres to city code
- 7) noise, such as microphones, bullhorns, amplified music, etc., be kept to a minimal level and are not to be used before 9:00 am or after 9:30 pm
- 8) participants are prohibited from bringing coolers, backpacks, or alcoholic beverages into the event area
- 9) signage posted notating prohibited items that are visible prior to entry points and in the outer Town Center vicinity.
- 10) no bicycles, skateboards, and pets/animals permitted within the event perimeter
- 11) promoter must hire sixteen (16) Off-Duty Police Officers at \$55.00 per hour; pay rates for Police Officers from other jurisdictions will be paid at the rate set by that respective agency.
- 12) Town Center Staff must be actively available from the time of street closures until streets are reopened, and all personnel have been compensated as agreed. Town Center must provide a volunteer or staff at each entrance gate
- 13) Town Center Agency must hire a minimum of two (2) off-duty Florida Licensed Paramedics. In addition to standard medical equipment. Paramedics must be equipped with JFRD med coms and AED.
- 14) promoter must provide traffic control devices determined necessary to close streets and control area traffic, inclusive of the following:
 - Cones

- Road Closed Signs
 - Local Traffic Signs
 - Water Barricades
 - Bike Racks
 - Break-Away perimeter fencing
 - Parking Areas /Security Policy signage posted
- 15) must contract with a State of Florida licensed security company to provide a minimum of two (2) uniformed security officers at each entry/exit gate. In addition, a security company representative must complete the venue walk-thru with the police department one week prior to the event. Security Officer's duties shall include, but are not limited to:
- Access Control all entry gates-Bag Searches
 - Must have a "Metal Detection Wand" at each access gate for mandatory searches of all patrons entering the event
 - I.D. checks for over 21 at token/wristband locations.
 - Security Officers must be 2-way radio equipped
- 16) promoter must hire two (2) off-duty Neptune Beach Public Works employees to assist with the setup and breakdown of traffic-control devices and removal of trash from the venue at a rate of \$40.00 per hour
- 17) the Beaches Town Center Agency shall provide staff to regularly bag and remove trash and refuse during the event.
- 18) The Beaches Town Center Agency shall be required to provide trash bags and temporary trash receptacles that shall be placed throughout the venue.
- 19) Town Center vendors, volunteers, and staff working the event shall not consume alcoholic beverages.
- 20) areas used must be free of debris once the event is completed
- 21) the City assumes no liability for any accident or injury that may occur during the event, and your organization will hold the City harmless should any occur
- 22) failure to abide by any of the conditions set forth could result in the event being shut down at any time.

Should you have any questions or need further information regarding this issue, please let me know.

Sincerely,

Stefen A.B. Wynn, *MPA*
City Manager

cc: Richard Pike, Chief, NBPD
Gary Snyder, Commander, NBPD
Dustin Kamppi, Sergeant, NBPD

Dancin in the Streets 2022

Dear Mayor Brown and Council

I am writing you all today in hopes you can aid the Beaches Town Center Agency (BTCA) with our community fundraiser, Dancin' in the Street, Saturday, May 21st 2022. Due to the COVID-19 Pandemic and the restriction put in place, the BTCA has been unable to raise funds for two years through our traditional events (Dancin' in the Streets, Costal Carnival, etc.) excluding our sale of bricks. The BTCA Board has worked tirelessly to solicit funds from local businesses as well as individual sponsors but this has not been enough to keep up with rising costs of stages, fencing, supplies etc. The amount we pay for our Police Officers from Neptune and Atlantic Beach amounts to around \$10,000. This does not include the additional requested outside security contractor costs of \$5,000 for wandding, purse and bag checks, for which we have raised the funds for.

Is it possible for the City of Neptune Beach and Neptune Beach Police Department to partner with the Beaches Town Center Agency on this event and assume the costs of our NBPD Officers? If so I will reach out to Mayor Glasser, Atlantic Beach Commission and ABPD for the same consideration.

This partnership would ensure that the Beaches Town Center Agency and all its volunteers will be in a solid position to increase our budget for beautification of our Town Center as well as all of the other projects that do so much to enhance our beautiful community such as the Fall Festival, Christmas lights and events, etc. As a reminder, 100% of BTCA funds go back into enhancing our Corner with ZERO salary's taken by the board or its volunteers.

Thank you for your consideration.
Sincerely,



Elaine Ferris
Safety Chair – Dancin' in the Street
16 Year Volunteer



Agenda Item #9C
Senior Center Design

CITY OF NEPTUNE BEACH
CITY COUNCIL MEETING
STAFF REPORT

AGENDA ITEM:	Senior Center Design
SUBMITTED BY:	Marquis Latimer + Halback(MLH)
DATE:	April 28, 2022
BACKGROUND:	At the April 18, 2022 Council workshop, the Senior Center Design renderings were discussed and the architect, MLH, has submitted bid drawing sets for consideration.
BUDGET:	
RECOMMENDATION:	Consider the bid drawings from MLH for RFP for exterior of Senior Activity Center
ATTACHMENT:	Bid drawings from MLH

FW: 21.45.0 Neptune Beach Senior Center: bidding sets

Stefen Wynn <cm@nbfl.us>

Fri 4/29/2022 4:26 PM

To: Catherine Ponson <clerk@nbfl.us>

Cc: Cheryl Bäck <acm@nbfl.us>



Stefen Wynn, M.P.A.

Neptune Beach City Manager

City of Neptune Beach

116 1st St.

Neptune Beach, FL 32266

Phone: (904) 270-2400; ext.31

Email: CM@nbfl.us



From: Jeremy Marquis <jeremy@halback.com>

Sent: Wednesday, April 27, 2022 4:22 PM

To: Stefen Wynn <cm@nbfl.us>; Leslie Lyne <dsc@nbfl.us>

Cc: Samatha Brisolara <cdd@nbfl.us>; Piper Turner <piperturner@nbfl.us>; Cheryl Bäck <acm@nbfl.us>; Les Thomas <lesthomasarchitect@gmail.com>; Jeremy Calloway <jeremy@mavengineers.com>; Fremont Latimer <fremont@halback.com>; Gavin Cain <Gavin@halback.com>; Carolina Schultz <carolina@halback.com>

Subject: 21.45.0 Neptune Beach Senior Center: bidding sets

27 April 2022

Good afternoon, Stefan and Leslie,

Please see attached for the two bid drawing sets for the following:

- Architecture, including additive alternates for the eastern gable projection and the faux shutters.
- Site work, including civil and landscape.

A quick snapshot of the architectural edits:



Please review, and let us know if you have any questions or need anything further for the bid packages. Fingers crossed we get some positive pricing!

Jeremy

Jeremy Marquis, RLA, Principal

ASLA, LEED AP BD+C

Marquis Latimer + Halback, Inc.

34 Cordova Street, Suite A

St. Augustine, FL 32084

904.540.6940 (c)

From: Jeremy Marquis
Sent: Friday, April 22, 2022 11:24 AM
To: Stefen Wynn <cm@nbfl.us>; Leslie Lyne <dsc@nbfl.us>
Cc: Samatha Brisolara <cdd@nbfl.us>; Piper Turner <piperturner@nbfl.us>; Cheryl Bäck <acm@nbfl.us>; Les Thomas <lestthomasarchitect@gmail.com>; Jeremy Calloway <jeremy@mavengineers.com>; Fremont Latimer <fremont@halback.com>; Gavin Cain <Gavin@halback.com>; Carolina Schultz <carolina@halback.com>
Subject: 21.45.0 Neptune Beach Senior Center: updates on council feedback + bidding next steps + SJRWMD permitting

22 April 2022

Good morning, Stefen and Leslie,

Great to talk with you, and we're happy to hear that the Council has given good feedback. Notes are below in red.

We will be sending over 2 bid drawing packages:

- Architecture, including additive alternates for the eastern gable projection and the faux shutters.
- Site work, including civil and landscape.

We will plan to have these to you in advance of the Wednesday, 4/27 deadline. I understand our schedule will include a 5/2 Council approval and 5/4 ITB advertisement (with our recommendation that it be a 45 day bidding period).

Thanks for the signed application for SJRWMD. Per our discussion, we will be working through this permitting in parallel with bidding.

For bidding, in addition to the list you all may have (and the public notifications), I would suggest we invite:

- Ginger Rivers, Rivers Construction ginger@riversconstructorsinc.com
- John Harward, JC Harward john@jcharward.com

Thanks so much,

Jeremy

Jeremy Marquis, RLA, Principal

ASLA, LEED AP BD+C

Marquis Latimer + Halback, Inc.

34 Cordova Street, Suite A

St. Augustine, FL 32084

904.540.6940 (c)

904.825.6747 (o)

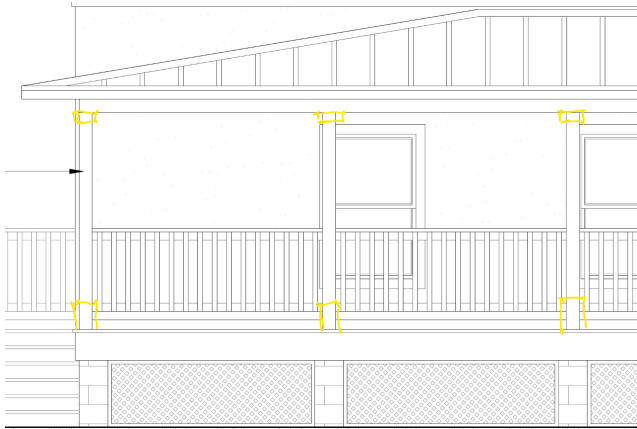
From: Stefen Wynn <cm@nbfl.us>
Sent: Monday, April 18, 2022 7:06 PM
To: Leslie Lyne <dsc@nbfl.us>; Jeremy Marquis <jeremy@halback.com>
Cc: Samatha Brisolara <cdd@nbfl.us>; Piper Turner <piperturner@nbfl.us>; Cheryl Bäck <acm@nbfl.us>
Subject: Council Comments on Renderings

Hi Jeremy & Leslie,

We have some feedback from Council that I'd like to discuss with you in greater detail. Please see the bullets below for your consideration.

- Scaling of materials – nice clad posts.

As discussed, these are 6x6 posts. Additionally, we will add some trim as discussed. See sketch below.

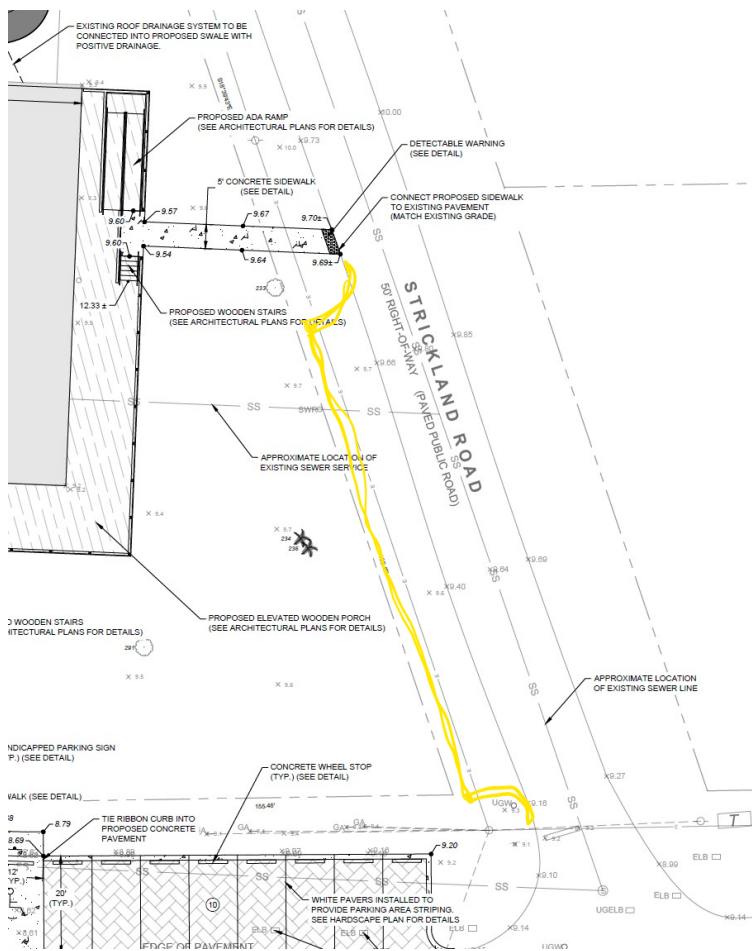


- Front of building and dead space to the right of the window – can we put a dedication plaque?
Per our discussion, I understand that Leslie is working on this item. I'd suggest a 2x3 or 3x4 dimensions.
- East side of building alternate bids for faux shutters and cupola at sidewalk entrance to building.

Les is adding these to the plans. We think that more traditional faux shutters (versus Bahamian) will help to resolve the issue of them sticking out, so I asked Les to add this in. See sketch below.



- Alternate bid for parallel parking along Strickland.
Per our discussion, let's keep this as bahia grass flex space (to be used for parking or other uses). Our sketch for paved parallel (which could be added in the future) is below.



In Public Service,



Stefen Wynn, M.P.A.

Neptune Beach City Manager

City of Neptune Beach

116 1st St.

Neptune Beach, FL 32266

Phone: (904) 270-2400; ext.31

Email: CM@nbfl.us



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Samantha Brisolara, MURP, GIS
Community Development Director

MEMORANDUM

Date: April 29, 2022

To: Stefen Wynn, City Manager
Leslie Lyne, Senior Center Director

From: Sam Brisolara, Community Development Director

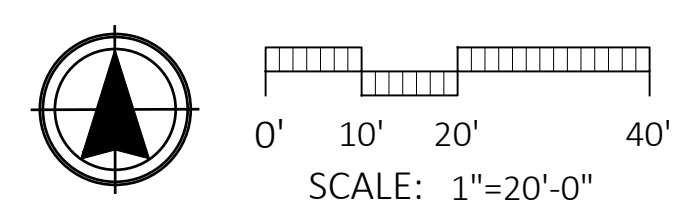
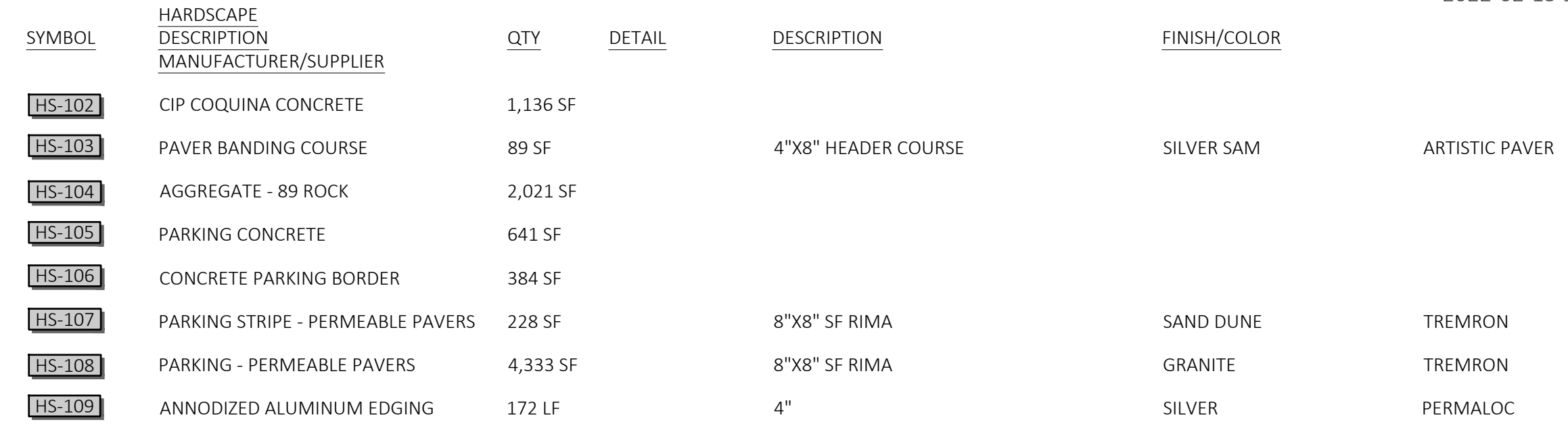
Subject: Senior Center Porch Plans Review

During initial review of the permit review plans submitted for the Neptune Beach Senior Center staff would like to provide the following comments for consideration prior to official permitting beginning with the provided architectural plans from Les Thomas, Architect.

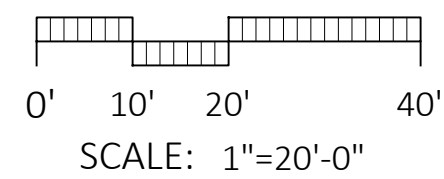
- Sheet A3 displays the elevations. However, no height measurement was provided. Height should be measured to the ridgeline of the structure or the structure's highest point. Additionally, the "Right Elevation" does not include the ADA ramp placement. This elevation should be revised to display the proposed ramp.

The comments below pertain to the Permit and Bid Set prepared by Marquis Latimer & Hallback, Inc.

- Sheet L-3.1 proposes mulch in some landscaping areas. Staff suggests extending the curb to the stop bar to contain any mulched areas from discharging into the storm drains.



	PERMIT+BID SET	02/17/20
	30% DD REVIEW	12/23/20
SYM	DESCRIPTION	DATE
SIZE: ANSI		
PRIME PROJECT #:		
ML+H PROJECT #: 21.45%		
DRAWING NO.:		
L-2.1		



1. CONTRACTOR SHALL PROVIDE LANDSCAPE BED PREPARATION, INCLUDING REMOVAL AND DISPOSAL OF EXISTING LANDSCAPE AND TREES (TREES TO REMAIN ARE NOTED ON PLAN). CONTRACTOR SHALL PULL ANY APPLICABLE PERMITS, SUCH AS TREE REMOVAL PERMIT.
2. SPRAY DOWN BASE OF BUILDING TO REMOVE SOIL FROM CONSTRUCTION ACTIVITIES.
3. PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR GRADE #1 OR BETTER AS GIVEN IN THE LATEST "GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II," FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES . PLANT SIZE IS TO TAKE PRECEDENCE OVER CONTAINER SIZE.
4. ALL TREES AND SHRUBS ARE TO BE POSITIONED VERTICALLY REGARDLESS OF THE SLOPE OF THE GROUND IN WHICH THEY ARE PLANTED. BERMS ARE TO BE CONSTRUCTED AT RIGHT ANGLES TO THE TREE OR SHRUB OR IN A MANNER IN WHICH THEY WILL MOST EFFECTIVELY SERVE THE PURPOSE OF RETAINING WATER AT THE BASE OF THE PLANT.
5. WEEDS ARE TO BE ADEQUATELY AND PROPERLY TREATED AND REMOVED PRIOR TO LANDSCAPE INSTALLATION. ALL SOIL AMENDMENTS SHOULD BE CERTIFIED AS WEED-FREE FROM THE SUPPLIER.
6. LANDSCAPE MATERIAL IS TO BE MAINTAINED BY THE LANDSCAPE CONTRACTOR (INCLUDING MOWING, PRUNING, AND WEEDING) UNTIL PLANTING IS APPROVED BY THE LANDSCAPE ARCHITECT. THE LANDSCAPE CONTRACTOR MUST PROVIDE: (A.) A WARRANTY ON ALL TREES AND PALMS FOR A PERIOD OF (12) TWELVE MONTHS. (B.) A WARRANTY ON ALL SHRUBS AND GROUNDCOVERS FOR A PERIOD OF (12) TWELVE MONTHS. (C.) GUIDELINES FOR PROPER MAINTENANCE.
7. TREES SHALL NOT BE PLANTED CLOSER THAN 7.5' FROM THE CENTERLINE OF UNDERGROUND UTILITIES; ADJUST IN THE FIELD IF NEEDED.
8. BALLED AND BURLAPPED STRAPPING WIRE, AND ANY SYNTHETIC MATERIAL, SHALL BE REMOVED PRIOR TO FINAL INSPECTION. WIRE BASKETS SHOULD BE PULLED AWAY FROM THE TRUNK.
9. CONTRACTOR SHALL SCARIFY SOIL TO A DEPTH OF 12" IN AREAS WITH COMPACTED SOIL. CONTRACTOR SHALL EXCAVATE AND DISPOSE OF ALL STONE, DEBRIS AND BASE MATERIAL FROM PREVIOUS PARKING AREAS. BACK FILL WITH TOP SOIL WITH HIGH ORGANIC CONTENT AND CERTIFIED WEED FREE.

1. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER WORK THAT MAY IMPACT THE COMPLETION OF THE WORK.
2. PRIOR TO THE START OF WORK, PREPARE A DETAILED SCHEDULE OF THE WORK FOR COORDINATION WITH OTHER TRADES.
3. COORDINATE THE RELOCATION OF ANY IRRIGATION LINES, HEADS OR THE CONDUITS OF OTHER UTILITY LINES THAT ARE IN CONFLICT WITH TREE LOCATIONS. ROOT BALLS SHALL NOT BE ALTERED TO FIT AROUND LINES. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS ENCOUNTERED.

1. RELATIVE POSITIONS OF ALL PLANTS AND TREES ARE SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT.
2. NOTIFY THE LANDSCAPE ARCHITECT, ONE (1) WEEK PRIOR TO LAYOUT. LAYOUT ALL INDIVIDUAL TREE AND SHRUB LOCATIONS. PLACE PLANTS ABOVE SURFACE AT PLANTING LOCATION OR PLACE A LABELED STAKE AT PLANTING LOCATION. LAYOUT BED LINES WITH PAINT FOR THE LANDSCAPE ARCHITECT'S APPROVAL. SECURE THE LANDSCAPE ARCHITECT'S ACCEPTANCE BEFORE DIGGING AND START OF PLANTING WORK.

1. ASSURE THAT SOIL MOISTURE IS WITHIN THE REQUIRED LEVELS PRIOR TO PLANTING. IRRIGATION, IF REQUIRED, SHALL NOT BE APPLIED LESS THAN 12 HOURS PRIOR TO PLANTING TO AVOID PLANTING IN MUDDY SOILS.
2. ASSURE THAT SOIL GRADES IN THE BEDS ARE SMOOTH AND AS SHOWN ON THE PLANS.
3. PLANTS SHALL BE PLANTED IN EVEN, TRIANGULARLY SPACED ROWS, AT THE INTERVALS CALLED OUT FOR ON THE DRAWINGS, UNLESS OTHERWISE NOTED.
4. DIG PLANTING HOLES TWO TIMES (2x) THE WIDTH OF THE ROOT BALL AND BACK FILL WITH PLANTING MIX. SEE "SOIL MIX" GUIDELINES.
5. PRESS SOIL TO BRING THE ROOT SYSTEM IN CONTACT WITH THE SOIL.
6. SPREAD ANY EXCESS SOIL AROUND IN THE SPACES BETWEEN PLANTS.
7. APPLY MULCH TO THE BED BEING SURE NOT TO COVER THE TOPS OF THE PLANTS WITH OR THE TOPS OF THE ROOT BALL WITH MULCH.
8. WATER EACH PLANTING AREA AS SOON AS THE PLANTING IS COMPLETED. APPLY ADDITIONAL WATER TO KEEP THE SOIL MOISTURE AT THE REQUIRED LEVELS. DO NOT OVER WATER.

1. PALM TREES SHALL BE PLACED AT GRADE MAKING SURE NOT TO PLANT THE TREE ANY DEEPER IN THE GROUND THAN THE PALM TREES ORIGINALLY STOOD.
2. THE TREES SHALL BE PLACED WITH THEIR VERTICAL AXIS IN A PLUMB POSITION.
3. ALL BACKFILL SHALL BE NATIVE SOIL EXCEPT IN CASES WHERE PLANTING IN ROCK. WATER-SETTLE THE BACK FILL.
4. DO NOT COVER ROOT BALL WITH MULCH OR TOPSOIL.
5. PROVIDE A WATERING BERM AT EACH PALM. BERMS SHALL EXTEND A MINIMUM OF 18 INCHES OUT FROM THE TRUNK ALL AROUND AND SHALL BE A MINIMUM OF (6) INCHES HIGH.
6. REMOVE TWINE WHICH TIES FRONDS TOGETHER AFTER PLACING PALM IN PLANTING HOLE AND SECURING IT IN THE UPRIGHT POSITION.

1. IF PRUNING OF EXISTING TREES OR PLANT MATERIAL IS REQUIRED THE CONTRACTOR SHALL ADHERE TO ANSI Z133.1 STANDARDS FOR TREE CARE AND INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) BEST MANAGEMENT PRACTICES.

1. SCHEDULE THE PLANTING TO OCCUR PRIOR TO APPLICATION OF THE MULCH. IF THE BED IS ALREADY MULCHED, PULL THE MULCH FROM AROUND THE HOLE AND PLANT INTO THE SOIL. DO NOT PLANT THE ROOT SYSTEM IN THE MULCH. PULL MULCH BACK SO IT IS NOT ON THE ROOT BALL SURFACE.
2. APPLY A MINIMUM OF 2-3 INCHES DEPTH OF PINE STRAW MULCH BEFORE SETTLEMENT, COVERING THE ENTIRE PLANTING BED AREA. INSTALL NO MORE THAN 1 INCH OF MULCH OVER THE TOP OF THE ROOT BALLS OF ALL PLANTS. TAPER TO 2 INCHES WHEN ABUTTING PAVEMENT.
3. FOR TREES PLANTED IN LAWN AREAS THE MULCH SHALL EXTEND TO A 5 FOOT RADIUS AROUND THE TREE OR TO THE EXTENT INDICATED ON THE PLANS AND SPACED AT LEAST SIX INCHES AWAY FROM THE TREE TRUNK. MULCH TREES IN TURF AREAS PRIOR TO HYDROSEEDING.
4. LIFT ALL LEAVES, LOW HANGING STEMS AND OTHER GREEN PORTIONS OF SMALL PLANTS OUT OF THE MULCH IF COVERED.

CONTRACTOR SHALL OBTAIN SOIL TESTING FOR THE PROJECT AREA TO DETERMINE AGRONOMIC SUITABILITY. RESULTS SHALL BE REVIEWED WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO PLANTING. AT A MINIMUM, SOIL TESTS SHOULD CONSIDER THE FOLLOWING

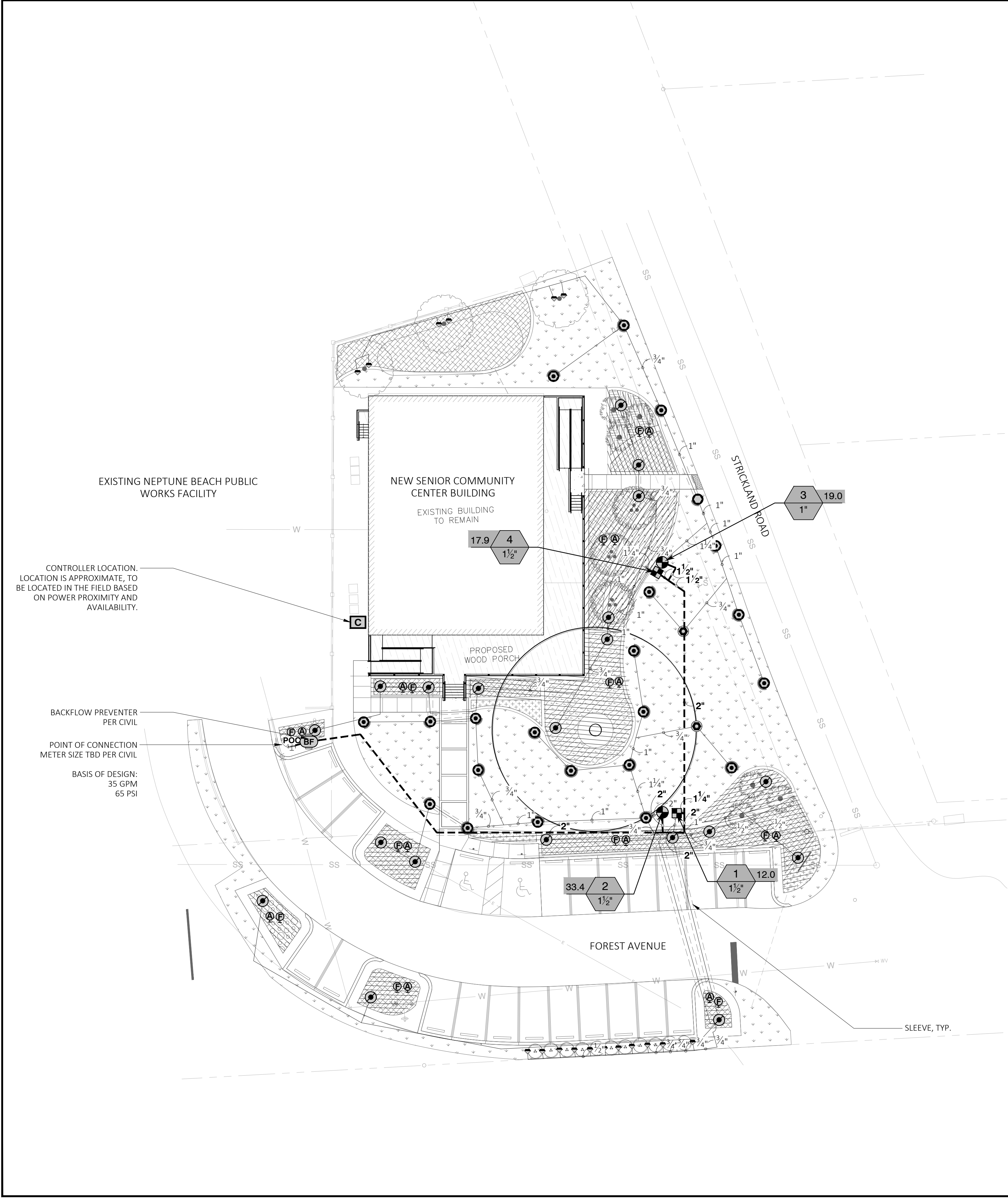
- PH / BUFFER PH
- SALINITY
- ORGANIC CONTENT / SAND CONTENT / SILT AND CLAY CONTENT (PERCENTAGE)
- PHOSPHOROUS / POTASSIUM / CALCIUM / MAGNESIUM
- AASHTO CLASSIFICATION
- PERCOLATION RATE

CONTRACTOR IS TO PROPOSE A SOIL MIX DESIGN BASED UPON RESULTS OF TESTING. THESE RECOMMENDATIONS SHOULD ALSO TAKE INTO ACCOUNT THE TEST RESULTS FROM SAMPLES AND TESTING DATA SHALL BE SUBMITTED AT THE SAME TIME. PROVIDE A SUBMITTAL OF A TWO GALLON SAMPLE WITH TESTING DATA THAT INCLUDES RECOMMENDATIONS FOR CHEMICAL ADDITIVES FOR THE TYPES OF PLANTS TO BE GROWN. . CONTRACTOR SHALL INCLUDE THE COST OF SOIL TESTING IN THE BASE BID AS WELL AS A APPLICATION OF SLOW RELEASE BALANCED FERTILIZER. CONTRACTOR WILL PROVIDE A PROPOSAL FOR ANY ADDITIONAL AMENDMENTS..

AT THE TIME OF FINAL GRADING, ADD FERTILIZER OR ACIDIFIER IF REQUIRED TO THE PLANTING SOIL AT RATES RECOMMENDED BY THE TESTING RESULTS FOR THE PLANTS TO BE GROWN.

[illegible]



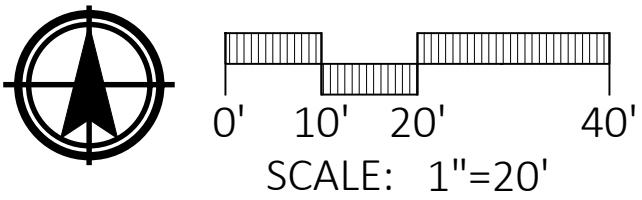


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	RAIN BIRD R-VAN18 1804-SAM-P45 TURF ROTARY, 13'-18' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45
	RAIN BIRD R-VAN24 1804-SAM-P45 TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	23	45
	RAIN BIRD 1804-1400 FLOOD 1401 FLOOD BUBBLER 4.0" POPUP	18	40
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	RAIN BIRD XCZ-150-LCS HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PEB GLOBE VALVE WITH SINGLE 1-1/2" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. FLOW RANGE: 15-62 GPM.	2	
	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.	20	
	RAIN BIRD MDCFCAP DRIPLINE FLUSH VALVE CAP IN COMPRESSION FITTING COUPLER.	11	
	RAIN BIRD ARV050 1/2" AIR RELIEF VALVE, MADE OF QUALITY RUST-PROOF MATERIALS, WITH A 6" DRIP VALVE BOX (SEB 7XB EMITTER BOX). USE WITH INSTALLATION BELOW SOIL. THE VALVE WILL ALLOW AIR TO ESCAPE THE PIPELINE, THUS PREVENTING WATER HAMMER OR BLOCKAGE.	11	
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-06-18 XFD ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.6 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV RESISTANT. SPECIFY XF INSERT FITTINGS.	4,742 L.F.	40
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	RAIN BIRD PEB 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	2	
	ZURN 375 1-1/2" REDUCED PRESSURE PRINCIPLE ASSEMBLY. SIZES 1/2", 3/4", 1", 1-1/4", 1-1/2", 2".	1	
	RAIN BIRD ESP4ME3 WITH (1) ESP-SM3 7 STATION, HYBRID MODULAR OUTDOOR CONTROLLER. FOR RESIDENTIAL OR LIGHT COMMERCIAL USE. LNK WIFI MODULE AND FLOW SENSOR READY.	1	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	1,498 L.F.	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	265.0 L.F.	
	PIPE SLEEVE: PVC CLASS 200 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.	188.9 L.F.	
	Valve Callout Valve Number Valve Flow Valve Size		

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	PIPE	WIRE	DESIGN PSI	PSI	PSI @ POC	PRECIP
1	RAIN BIRD XCZ-150-LCS	1-1/2"	AREA FOR DRIPLINE	14.41	1,802 L.F.	381.1	202.9	40	45.78	59.45	0.61 in/h
2	RAIN BIRD PEB	1-1/2"	TURF ROTARY	33.44	279.7 L.F.	507.8	193.1	40	46.23	59.78	0.58 in/h
3	RAIN BIRD PEB	1"	TURF ROTARY	19.04	15	361.9	293.0	45	50.38	64.98	0.36 in/h
4	RAIN BIRD XCZ-150-LCS Common Wire	1-1/2"	AREA FOR DRIPLINE	17.91	2,687 L.F.	247.3	287.6	40	43.71	58.25	0.53 in/h



Marquis Latimer + Halback, Inc.
34 Cordova Street, Suite A
St. Augustine, FL 32084

Ph 904.825.6747 www.halback.com
LA6667110 Qualifier

JEREMY MARQUIS
LIC. # LA6667110 SEAL
DRAWN BY: CS/GC

NEPTUNE BEACH COMMUNITY CENTER

NEPTUNE BEACH, FLORIDA

IRRIGATION PLAN AND SCHEDULE

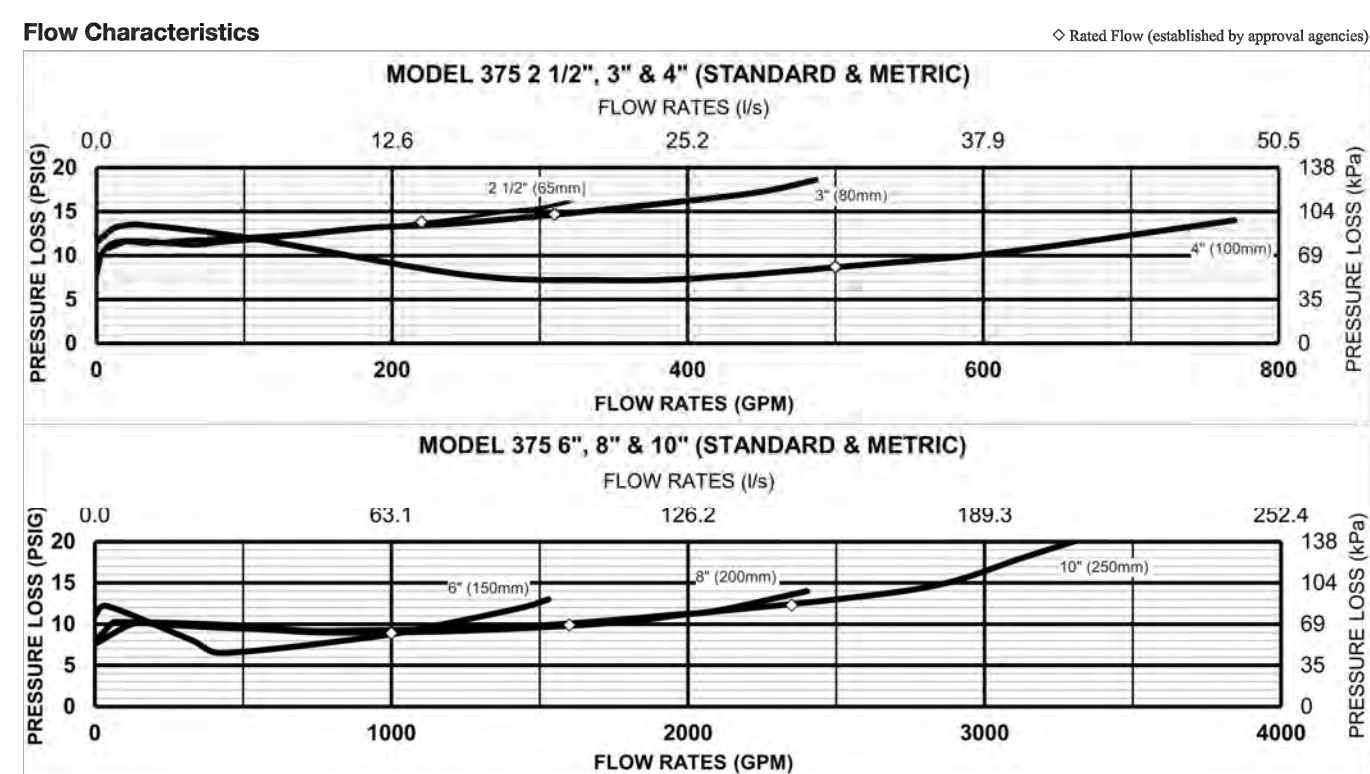
	PERMIT+BID SET	02/17/22
	30% DD REVIEW	12/23/21
YM	DESCRIPTION	DATE

SIZE: ANSI D
PRIME PROJECT #:
ML+H PROJECT #: 21.45.0

DRAWING NO.:
L-4.1

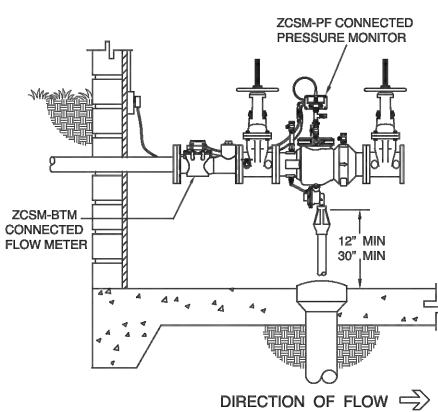
02 ZURN 375 BACKFLOW SPEC SHEET

Page 1 of 2

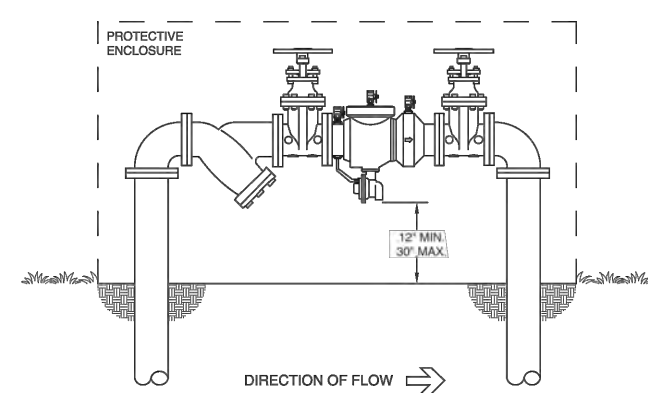


Typical Installation
Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.

Capacity thru Schedule 40 Pipe (GPM)				
Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
2 1/2"	75	112	149	224
3"	115	173	230	346
4"	198	298	397	595
6"	450	675	900	1351
8"	790	1169	1559	2339
10"	1229	1843	2458	3687
12"	1763	2644	3525	5288



INDOOR INSTALLATION
(3750SY with ZCSM-PF Connected Pressure Monitor and
ZCSM-BTM Connected Flow Meter accessories)

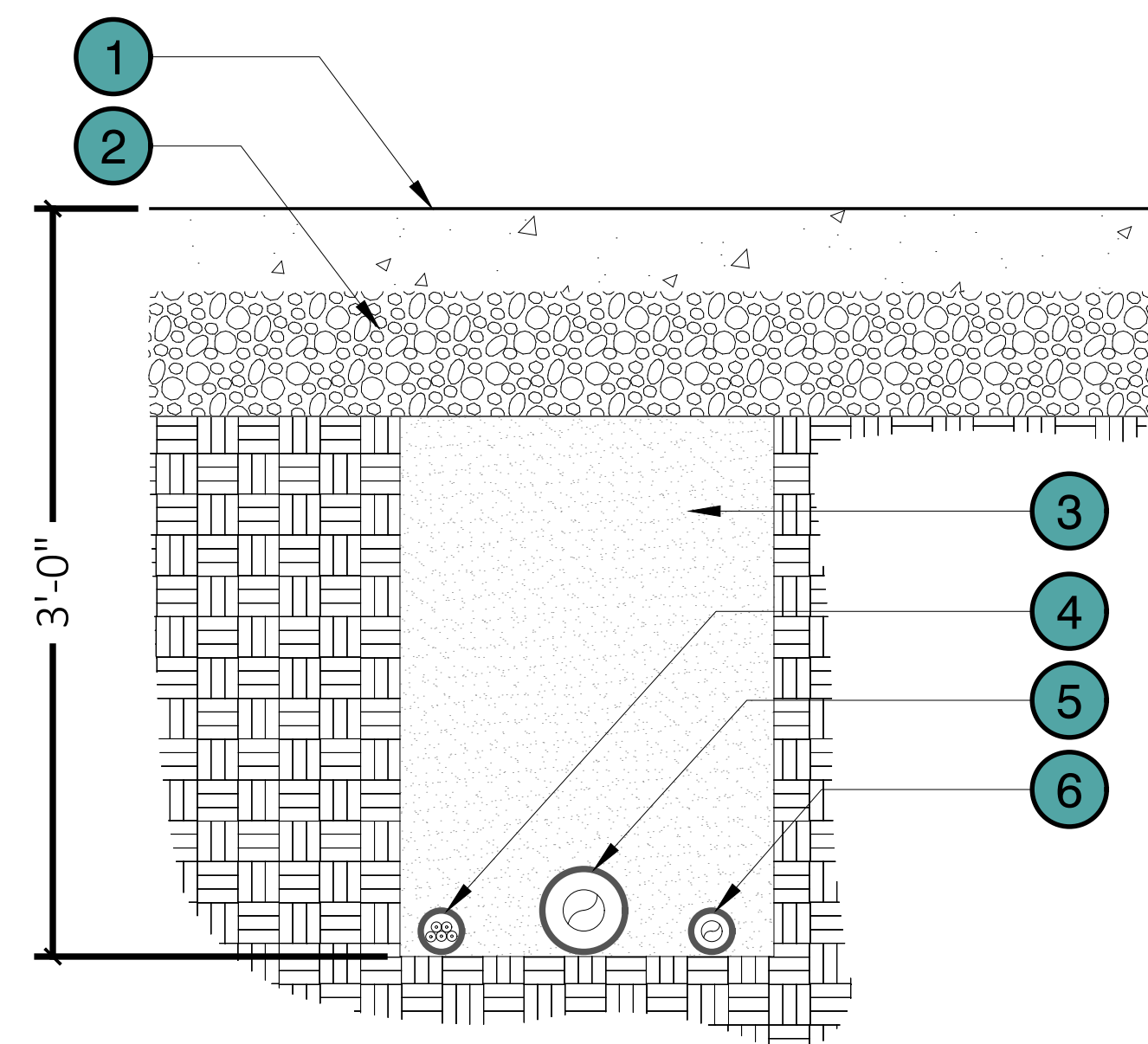


OUTDOOR INSTALLATION

Specifications
The Reduced Pressure Principle Backflow Prevention Assembly shall be certified to NSF/ANSI/CAN 61, ASSE® Listed 1013, and supplied with full port gate valves. The main body and access cover shall be epoxy coated ductile iron (ASTM A 536), the seat ring and check valve shall be NORYL™, the stem shall be stainless steel (ASTM A 276) and the seat disc elastomers shall be EPDM. The checks and the relief valve shall be accessible for maintenance without removing the device from the line. The Reduced Pressure Principle Backflow Prevention Assembly shall be a ZURN WILKINS Model 375.

Zurn Industries, LLC | Wilkins
1747 Commerce Way, Paso Robles, CA U.S.A. 93446 Ph. 855-663-9876, Fax 805-238-5766
In Canada | Zurn Industries Limited
7900 Goreway Drive, Unit 10, Brampton, Ontario L6T 5W6, 877-892-5216
www.zurn.com

Page 2 of 2



- 1 PAVEMENT
- 2 BASE ROCK
- 3 CLEAN BACKFILL, 95% RELATIVE COMPACTION UNDER PAVING OR PER CIVIL ENGINEER'S PLANS
- 4 CONTROL WIRES, SLEEVE UNDER PAVING.
INSTALL ADJACENT TO PRESSURIZED MAINLINE.
BUNDLE SHALL BE NO MORE THAN 50% OF PIPE DIAMETER
- 5 MAINLINE, SLEEVE UNDER PAVING TO BE TWO TIMES THE DIAMETER OF THE PRESSURIZED MAINLINE PIPE
- 6 NON-PRESSURIZED LINE, SLEEVE UNDER PAVING TO BE TWO TIMES THE DIAMETER OF THE LATERAL LINE

NOTES:

1. SEE IRRIGATION LEGEND FOR MAINLINE SIZE AND TYPE.
2. ALL SLEEVES SHALL BE SCH. 40 PVC PIPE.
3. ALL SLEEVES SHALL EXTEND 12" BEYOND THE EDGE OF PAVEMENT.
4. END OF SLEEVES SHALL BE LOCATED WITH A WOODEN STAKE OR PVC PIPE LOCATORS SHALL RUN CONTINUOUSLY FROM THE END OF THE SLEEVE TO FINISHED GRADE.

1 PIPE BENEATH PAVEMENT

$$1'' = 1' - 0'$$

FX-IR-FX-AUXFO-05

JEREMY MARQUIS
LIC. # LA6667110 SEAL
DRAWN BY: CS/GC

NEPTUNE BEACH COMMUNITY CENTER

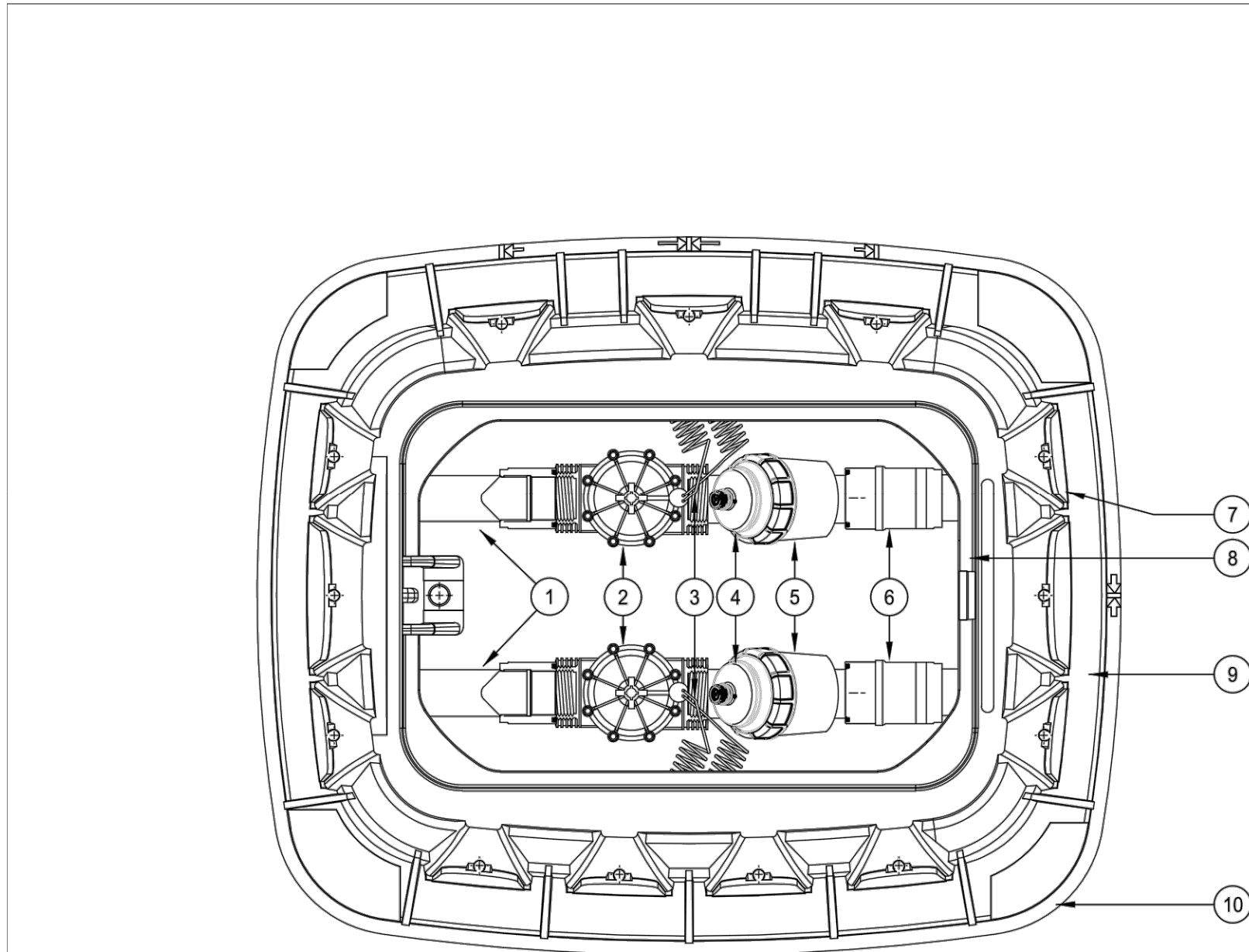
NEPTUNE BEACH, FLORIDA

IRRIGATION DETAILS

[illegible]

SIZE:	ANSI D
PRIME PROJECT #:	
ML+H PROJECT #:	21.45.0
DRAWING NO.:	

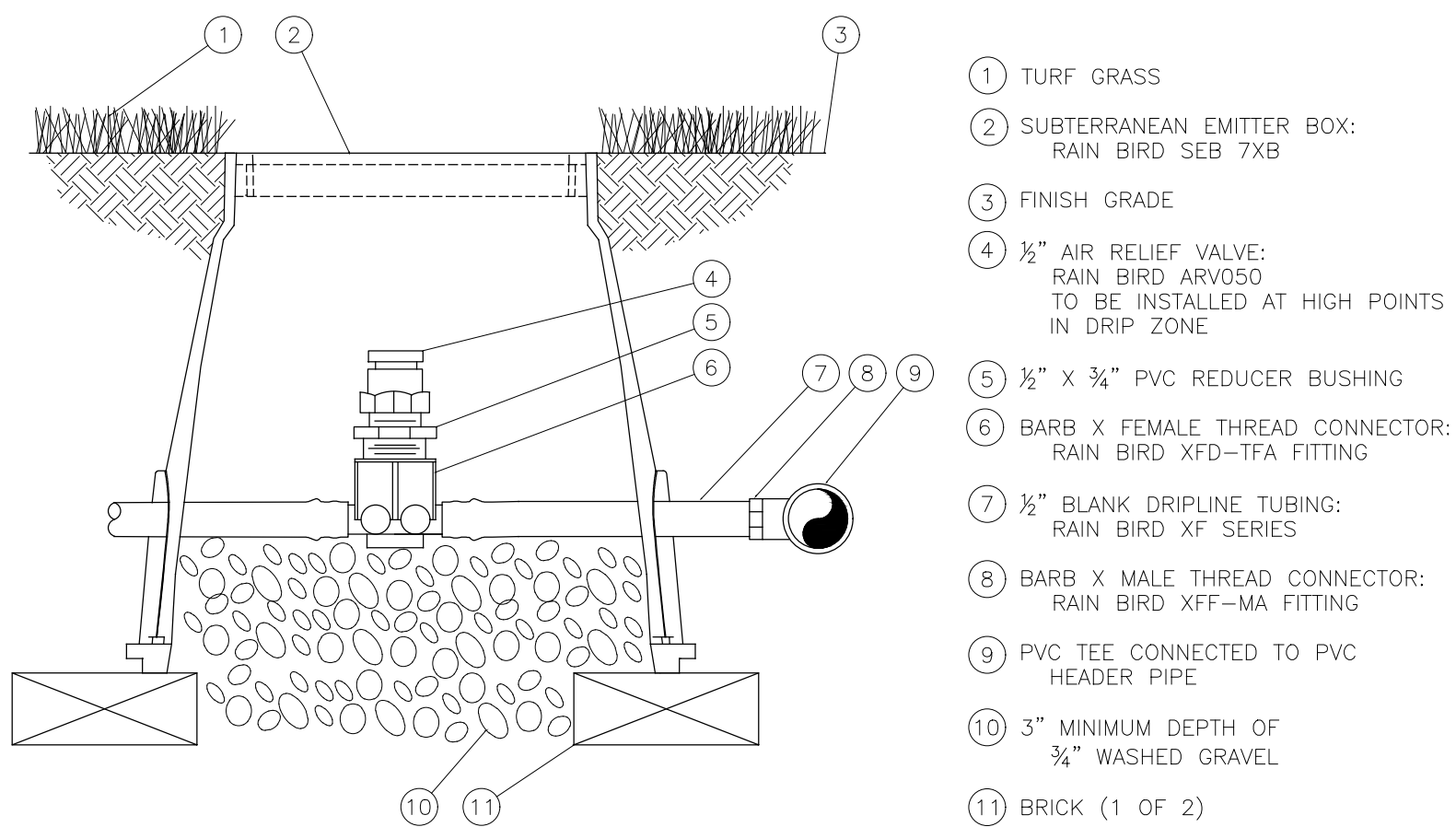
L-4.2



- 1 CONNECTION TO MAINLINE
- 2 1 1/2" PESB-R VALVE (INCLUDED IN XCZ-150-LCDR KIT)
- 3 30-INCH LINEAR LENGTH OF WIRE, COILED
- 4 1 1/2" SCH 40 ADAPTER (INCLUDED IN XCZ-150-LCDR KIT)
- 5 1 1/2" FILTER – RAIN BIRD LARGE CAPACITY DISC FILTER (INCLUDED IN XCZ-150-LCDR KIT)
- 6 1 1/2" HIGH FLOW PRESSURE REGULATOR (INCLUDED IN XCZ-150-LCDR KIT)
- 7 USE TWO(2) OF THREE(3) OPENINGS ON SHORT SIDE OF VALVE BOX FOR THE LATERAL LINES OUT OF THE BOX
- 8 TOP OF RAIN BIRD VALVE BOX
- 9 JUMBO VALVE BOX WITH PURPLE COVER: RAIN BIRD VBUMBPL
- 10 BASE OF RAIN BIRD VALVE BOX

D XCZ-150-LCDR 1.5" COMMERCIAL - TWO CONTROL ZONE KITS IN JUMBO VALVE BOX
N.T.S.

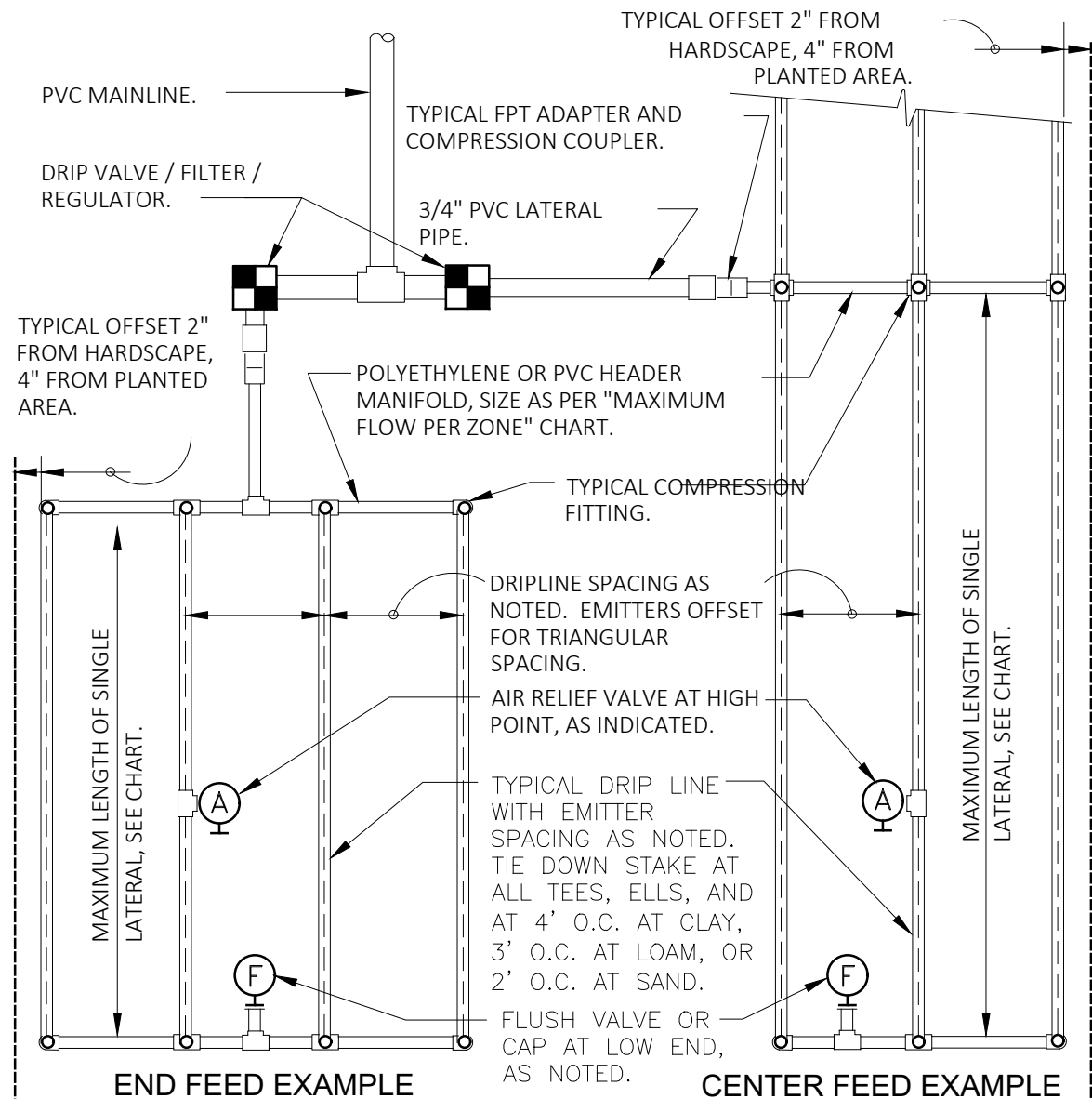
XCZ-150-LCDR 2 VALVES.dwg



- 1 TURF GRASS
- 2 SUBTERRANEAN EMITTER BOX: RAIN BIRD SEB 7XB
- 3 FINISH GRADE
- 4 1/2" AIR RELIEF VALVE: RAIN BIRD ARV050 TO BE INSTALLED AT HIGH POINTS IN DRIP ZONE
- 5 1/2" X 3/4" PVC REDUCER BUSHING
- 6 BARB X FEMALE THREAD CONNECTOR: RAIN BIRD XFD-TFA FITTING
- 7 1/2" BLANK DRIPLINE TUBING: RAIN BIRD XF SERIES
- 8 BARB X MALE THREAD CONNECTOR: RAIN BIRD XFF-MA FITTING
- 9 PVC TEE CONNECTED TO PVC HEADER PIPE
- 10 3" MINIMUM DEPTH OF 3/4" WASHED GRAVEL
- 11 BRICK (1 OF 2)

03 ZONE CONTROL SPEC SHEET DETAIL

SEE IRRIGATION SCHEDULE ON SHEET L-4.1 FOR SPECS.



1 TYPICAL RAIN BIRD DRIPLINE REQUIREMENTS
N.T.S.

MAXIMUM LATERAL LENGTH (FEET)						
PSI	EMITTER FLOW RATE GPH					
	12" SPACING 0.6	18" SPACING 0.9	18" SPACING 0.6	18" SPACING 0.9	24" SPACING 0.6	24" SPACING 0.9
10	125	96	175	135	218	171
20	249	191	350	271	442	340
30	307	236	434	333	550	422
40	350	268	495	380	627	471
50	125	96	175	135	218	171
60	125	96	175	135	218	171

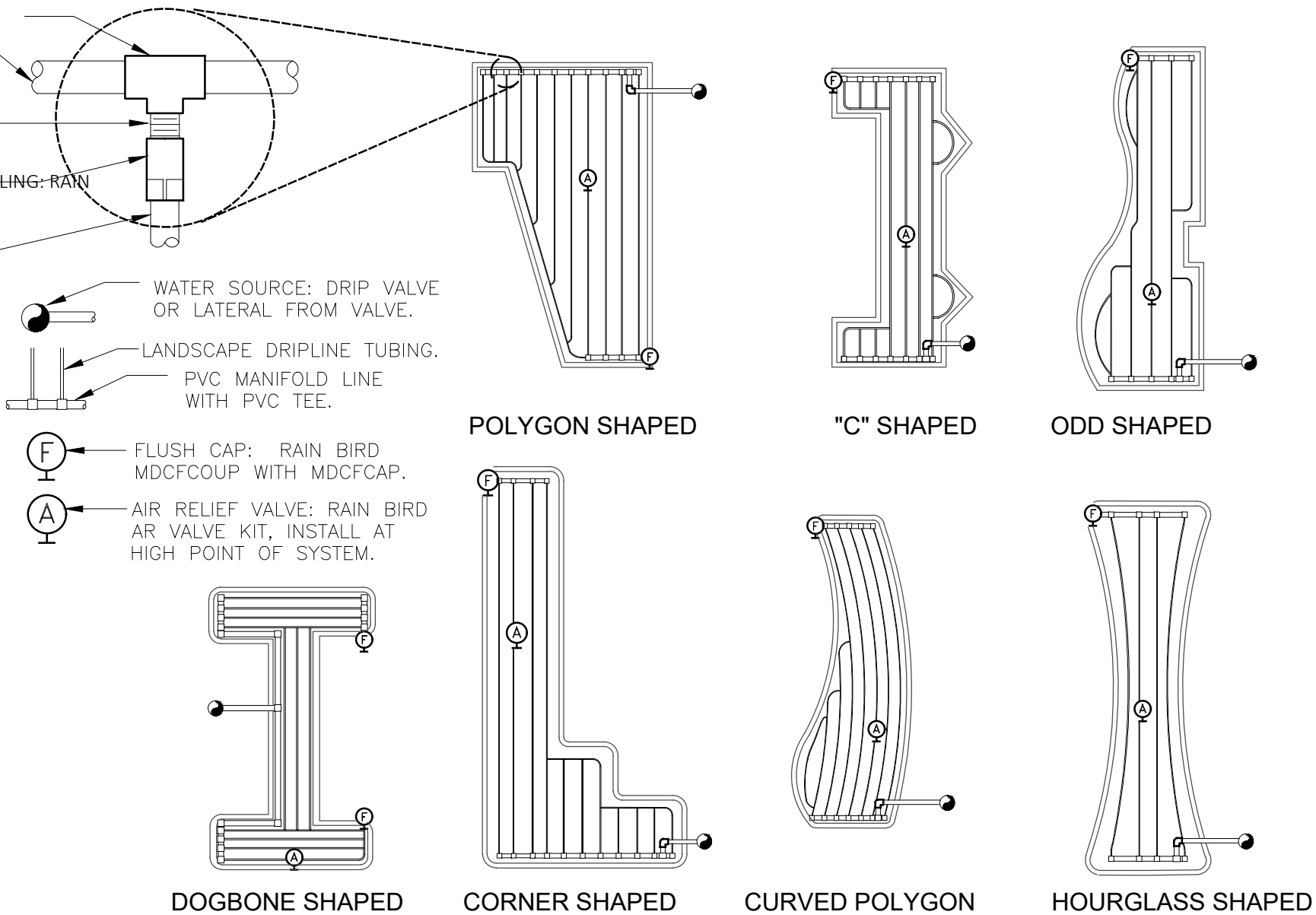
GRID PRECIPITATION RATES (IN/HR)			
EMITTER SPACING	LATERAL SPACING	EMITTER FLOW RATE	
		0.6	0.9
12	12	0.96	1.44
18	18	0.69	1.03
24	24	0.28	0.41

LATERAL FLOW PER 100 FT (GPM)			
EMITTER FLOW	12" SPACING	18" SPACING	24" SPACING
0.6 GPH	1.0 GPM	0.67 GPM	0.50 GPM
0.9 GPH	1.5 GPM	1.0 GPM	0.75 GPM

- SLOPED CONDITION NOTE:
1. DRIPLINE LATERALS SHOULD FOLLOW THE CONTOURS OF THE SLOPE WHENEVER POSSIBLE.
 2. INSTALL AIR RELIEF VALVE AT HIGHEST POINT.
 3. NORMAL SPACING WITHIN THE TOP 1/3 OF SLOPE.
 4. INSTALL DRIPLINE AT 25% GREATER SPACING AT THE BOTTOM 1/3 OF THE SLOPE.
 5. WHEN ELEVATION CHANGE IS 10 FT OR MORE, ZONE THE BOTTOM 1/3 ON A SEPARATE VALVE.

MAXIMUM FLOW PER ZONE		
	MAX GPM	PSI LOSS
SCHEDULE 40 PVC HEADER SIZE		
1/2"	4.7 GPM	7.7 PSI
3/4"	8.3 GPM	5.6 PSI
1"	13.5 GPM	4.2 PSI
1-1/2"	33.9 GPM	2.9 PSI
2"	52.4 GPM	1.9 PSI
POLY PIPE HEADER SIZE		
1/2"	4.7 GPM	8.8 PSI
3/4"	8.3 GPM	6.3 PSI
1"	13.5 GPM	4.8 PSI
1-1/2"	31.8 GPM	2.9 PSI
2"	52.4 GPM	2.2 PSI

2 RAINBIRD ARV050 1/2" AIR RELIEF VALVE WITH 6" DRIP VALVE BOX NOT TO SCALE 0000-06





Tech Spec

1800™ Series Spray Heads

Industry's Leading Spray Heads

Features

- Designed for use with all Rain Bird plastic spray head nozzles - L-Series, HE-VAN, R-VAN, MPRL, VAN, and XPCN Series.
- Precision controlled flush at pop-down cleans debris from unit, ensuring positive stem retraction in all soil types.
- Strong stainless steel spring provides reliable stem retraction.
- Ratchet mechanism on all models allows easy nozzle pattern alignment without tools.
- Pre-installed 1800 Pop-Up™ flush plug blocks debris from entering after flushing. Allows for easy nozzle installation.
- Constructed of time-proven UV-resistant plastic and corrosion resistant stainless steel parts, assuring long product life.
- All sprinkler components are removable from the top without special tools, providing for quick and easy flushing and maintenance of the sprinkler.
- Side inlets featured on 1806, 1806PRS, 1806P45, 1812, 1812PRS, and 1812P45 models only.
- Five-year trade warranty.

Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3 m)
- Pressure: 15 to 70 psi (1.0 to 4.8 bar)

Specifications

- Flow-by: 0 at 8 psi (0.6 bar) or greater; 0.1 gpm (0.02 m³/h; 0.006 l/s) otherwise

Dimensions/Models

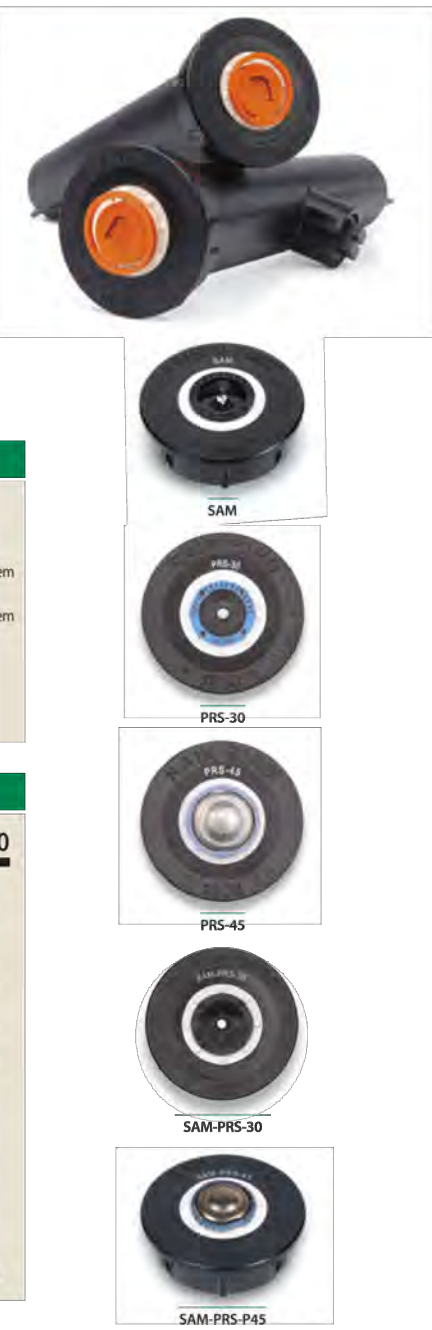
- 1/2" (15/21) NPT female threaded inlet
- Models and height:
- 1802: 4" (10 cm) body height; 2" pop-up height (5 cm)
- 1804: 6" (15 cm) body height; 4" pop-up height (10 cm)
- 1806: 9" (24 cm) body height; 6" pop-up height (15 cm)
- 1812: 16" (40 cm) body height; 12" pop-up height (30 cm)
- Exposed surface diameter: 2 1/4" (5.7 cm)

How To Specify

1804 - SAM - PRS
Optional Feature: PRS: 30psi (2.1 bar) in-stem pressure regulation
Optional Feature: SAM: Seal-A-Matic™ check valve
Model: 1804-4" (10.2 cm) pop-up height

How To Specify

1804 - SAM-P45 - R-VAN18-360
Radius Range: 6" - 24" (15.2 to 61 cm)
R-VAN18: 45° - 270°
R-VAN18-360: 360°
1 1/2" - 18" (3.8 to 45.7 cm)
R-VAN18-360: 360°
17" - 24" (42.9 to 61 cm)
R-VAN18-360: 360°
Strip Nozzles: R-VAN L.S.: 5" x 15" (12.7 x 38.1 cm)
R-VAN R.C.S.: 5" x 15" (12.7 x 38.1 cm)
R-VAN S.S.T.: 5" x 30" (12.7 x 76.2 cm)
Model: 1804-4" (10.2 cm) pop-up height
Note: Specify sprinkler bodies and nozzles separately.



1800™ Series Spray Heads

Tech Spec

1800™ SAM Series

Ideal for use in areas with changing elevation, the 1800 SAM Series offers all 1800 Series features plus:

- Built-in Seal-A-Matic™ (SAM) check valve. Eliminates the need for under-the-head check valves. No parts to be installed at the site.
- Stronger retract spring to accommodate elevation changes up to 14' (4.2 m). One of the strongest springs in the industry.
- Prevents drainage from spray heads at lower elevations. Stops water waste. Ends landscape damage due to flooding and/or erosion.
- Helps retain water in lateral pipes which reduces wear on system components by minimizing water hammer during start-up.
- Designed for use with all Rain Bird plastic spray head nozzles.
- "SAM" stamped on cap for easy identification and maintenance.
- Five-year trade warranty.

Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3 m)
- Pressure: 25 to 70 psi (1.7 to 4.8 bar)

Specifications

- SAM capability: holds up to 14 feet (4.2 m) of head; 6 psi (0.3 bar)
- Flow-by: 0 at 8 psi (0.6 bar) or greater; 0.1 gpm (0.02 m³/h; 0.006 l/s) otherwise
- Installation: bottom inlet only

Dimensions

- 1/2" (15/21) NPT female threaded inlets
- Body height: 1804 SAM: 6" (15 cm), 1806 SAM: 9" (24 cm), 1812 SAM: 16" (40 cm)
- Exposed surface diameter: 2 1/4" (5.7 cm)

Models

- 1804 SAM: 4" pop-up height (10 cm)
- 1806 SAM: 6" pop-up height (15 cm)
- 1812 SAM: 12" pop-up height (30 cm)



www.rainbird.com

Tech Spec

1800™ Series Spray Heads

1800 SAM-PRS-30 Series

Meets the needs of spray body applications using Spray Nozzles regardless of changing elevation or water pressures. Incorporates 1800 Series SAM feature and regulates operating pressure at 30 psi (2.1 bar).

Operating Range

- Spacing: 2.5 to 24 feet (0.8 to 7.3 m)
- Pressure: 25 to 70 psi (1.7 to 4.8 bar)

Specifications

- SAM capability: holds up to 14 feet (4.2 m) of head; 6 psi (0.3 bar)
- Flow-by: 0 at 8 psi (0.6 bar) or greater; 0.1 gpm (0.02 m³/h; 0.006 l/s) otherwise
- Installation: bottom inlet only
- Regulates nozzle pressure to an average 30 psi (2.1 bar) with inlet pressures of up to 70 psi (4.8 bar)

Dimensions

- 1/2" (15/21) NPT female threaded inlets
- Body height: 1804 SAM-PRS: 6" (15 cm), 1806 SAM-PRS: 9" (24 cm), 1812 SAM-PRS: 16" (40 cm)
- Exposed diameter: 2 1/4" (5.7 cm)

Models

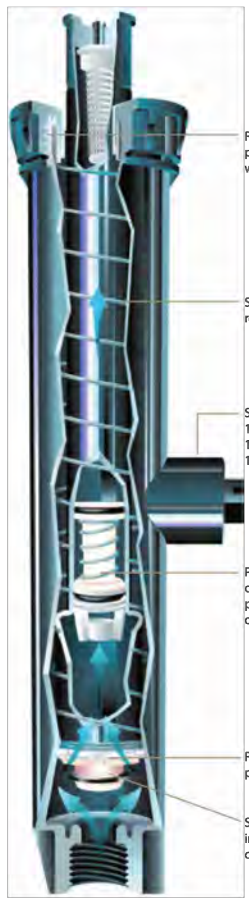
- 1804 SAM-PRS: 4" pop-up height (10 cm)
- 1806 SAM-PRS: 6" pop-up height (15 cm)
- 1812 SAM-PRS: 12" pop-up height (30 cm)

1806 with Swing Joint on Bottom Inlet

1812 with Swing Pipe on Side Inlet



All Rain Bird Spray Bodies with PRS are WaterSense certified



www.rainbird.com



Specifications

1802, 1804, 1806 and 1812 Pop-up Spray Sprinkler

The sprinkler body, stem, nozzle and screen shall be constructed of heavy-duty, ultra-violet resistant plastic. It shall have a heavy-duty stainless steel retract spring for positive pop-down and a ratcheting system for easy alignment of the pattern. The sprinkler shall have a soft elastomer pressure-actuated co-molded wiper seal for clearing debris from the pop-up stem as it retracts into the case to prevent the sprinkler from sticking up to minimize "flow-by".

The sprinkler shall have a matched precipitation rate (MPR) plastic or brass nozzle with an adjusting screw capable of regulating the radius and flow. The sprinkler shall be capable of housing protective, non-clogging filter screens or pressure compensating screens (PCS) under the nozzle. The screen shall be used in conjunction with the adjusting screw for regulating. The 6" (15 cm) and 12" (30 cm) models shall have both a side and a bottom 1/2" (15/21) (PHWT) inlet for ease of installation.

The sprinkler shall have a Pop-Up™ Flush Plug pre-installed. The plug shall prevent debris from the pop-up stem removable through the top of the sprinkler, and shall seal against the bottom case inlet. It shall create no more than 1 psi pressure drop at the maximum rated flow.

1804 SAM, 1806 SAM and 1812 SAM Circle Seal-A-Matic™ Pop-up Spray Sprinkler

Optional Feature Specifications: When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a Seal-A-Matic (SAM) check valve and a 45 psi pressure regulating (PRS) device. These units shall be identifiable from the top with "SAM-PRS-45" markings on the cap.

1804 PRS, 1806 PRS and 1812 PRS Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a pressure regulating (PRS) device to prevent high pressure fogging to the nozzle stream. This regulating device shall be an integral part of the pop-up stem, removable through the top of the case. These units shall be identifiable from the top with "PRS-30" markings on the cap.

1804 P45, 1806 P45 and 1812 P45 Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a pressure regulating (PRS) device to prevent high pressure fogging to the nozzle stream. This regulating device shall be an integral part of the pop-up stem, removable through the top of the case. These units shall be identifiable from the top with "PRS-45" markings on the cap.

1804 SAM-P45, 1806 SAM-P45, and 1812 SAM-P45 Seal-A-Matic Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a Seal-A-Matic (SAM) check valve and a 45 psi pressure regulating (PRS) device. These units shall be identifiable from the top with "SAM-PRS-45" markings on the cap.

1804 SAM-P45, 1806 SAM-P45, and 1812 SAM-P45 Seal-A-Matic Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a Seal-A-Matic (SAM) check valve and a 45 psi pressure regulating (PRS) device. These units shall be identifiable from the top with "SAM-PRS-45" markings on the cap.

1804 SAM-P45, 1806 SAM-P45, and 1812 SAM-P45 Seal-A-Matic Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a Seal-A-Matic (SAM) check valve and a 45 psi pressure regulating (PRS) device. These units shall be identifiable from the top with "SAM-PRS-45" markings on the cap.

1804 SAM-P45, 1806 SAM-P45, and 1812 SAM-P45 Seal-A-Matic Pressure Regulating Pop-up Spray Sprinkler

Optional Feature Specifications:

When so indicated on the design, the 4" 6" or 12" high pop-up spray sprinkler shall also include a Seal-A-Matic (SAM) check valve and a 45 psi pressure regulating (PRS) device. These units shall be identifiable from the top with "SAM-PRS-45" markings on the cap.

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LA6667110 Qualifier

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LIC. # LA6667110 SEAL
DRAWN BY: CS/GC

NEPTUNE BEACH COMMUNITY CENTER

NEPTUNE BEACH, FLORIDA

IRRIGATION DETAILS

03

1800 SERIES SPRAY HEAD SPEC SHEET

SEE IRRIGATION SCHEDULE ON SHEET L-4.1 FOR SPECS.

02

POP UP SPRAY HEAD SPEC SHEET



Tech Spec

Bubbler Heads

Adjustable Full-Circle Bubbler

1300A-F

Designed for tree, shrub and flower areas.

Operating Range

- Flow: 1.0 to 2.3 gpm (0.23 to 0.52 m³/h; 0.06 to 0.14 l/s)
- Spacing: 1 to 3 feet (0.3 to 0.9 m)
- Pressure: 10 to 60 psi (0.7 to 4.0 bar)

Dimensions

- 1/2 inch (15/21) female threaded inlet
- Height: 1 inch (2.5 cm)
- Top diameter: 1 inch (2.5 cm)

Pressure Compensating Full-Circle Bubblers

1400 Series

Designed for irrigating tree, shrub and flower areas where pressure compensation is required.

Operating Range

- Flow: 0.25 to 2.0 gpm (0.06 to 0.46 m³/h; 0.02 to 0.13 l/s)
- Spacing: 1 to 3 feet (0.3 to 0.9 m)
- Pressure: 20 to 90 psi (1.5 to 6.0 bar)

Dimensions

- Same as 1300A-F

Models and Specifications

- 1401: 0.25 gpm (0.06 m³/h; 0.02 l/s); full circle, trickle pattern
- 1402: 0.5 gpm (0.11 m³/h; 0.03 l/s); full circle, trickle pattern
- 1404: 1.0 gpm (0.23 m³/h; 0.06 l/s); full circle, umbrella pattern
- 1408: 2.0 gpm (0.46 m³/h; 0.12 l/s); full circle, umbrella pattern

Nozzle	Pressure psi	Flow gpm
F	10	1.0
	20	1.4
	30	1.7
	40	1.9
	50	2.1
	60	2.3

Nozzle	Pressure bar	Radius m/h	Flow l/m
F	0.7	0.23	3.6
	1.0	0.26	4.2
	1.5	0.30	4.8
	2.0	0.34	5.4
	2.5	0.39	6.0
	3.0	0.43	7.2
	3.5	0.48	7.8
	4.0	0.52	8.4
	4.1	0.53	8.4

How To Specify
1404
Model
1300A-F
1401
1402
1404
1408



Specifications

1300A-F

Adjustable Flood Bubbler

The bubbler body shall be constructed of durable UV-resistant plastic. It shall have a plastic inlet filter screen to protect the nozzle against clogging, and a stainless steel adjusting screw, capable of shutting off the bubbler and regulating the flow.

The bubbler shall have a 1/2 inch (15/21) female threaded inlet for connecting to the piping system riser.

The bubbler shall be as manufactured by Rain Bird Corporation, Glendora, California.

1401, 1402, 1404, 1408

Pressure Compensating Flood Bubbler

The bubbler shall have a "trickle" pattern (1401 & 1402 models) or an "umbrella" pattern (1404 & 1408 models) discharge.

The bubbler assembly shall have a plastic inlet filter screen to protect the nozzle against clogging.

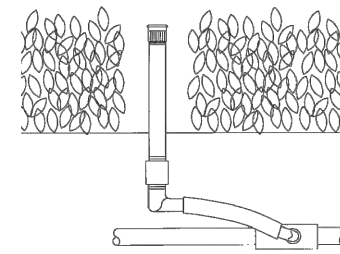
The bubbler shall have a 1/2 inch (15/21) female threaded inlet for connecting to the piping system riser.

The bubbler shall be as manufactured by Rain Bird Corporation, Glendora, California.

The pressure compensating bubbler shall be a permanently assembled design constructed of durable, UV-resistant plastic with an integral rubber flow washer for regulating the flow rate at an operating pressure range of 20 to 90 psi (1.5 to 6.0 bar).

The pressure compensating bubbler shall have a 1/2 inch (15/21) female threaded inlet for connection to the piping system riser.

The pressure compensating bubbler shall be as manufactured by Rain Bird Corporation, Glendora, California.



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SIZE: ANSI D

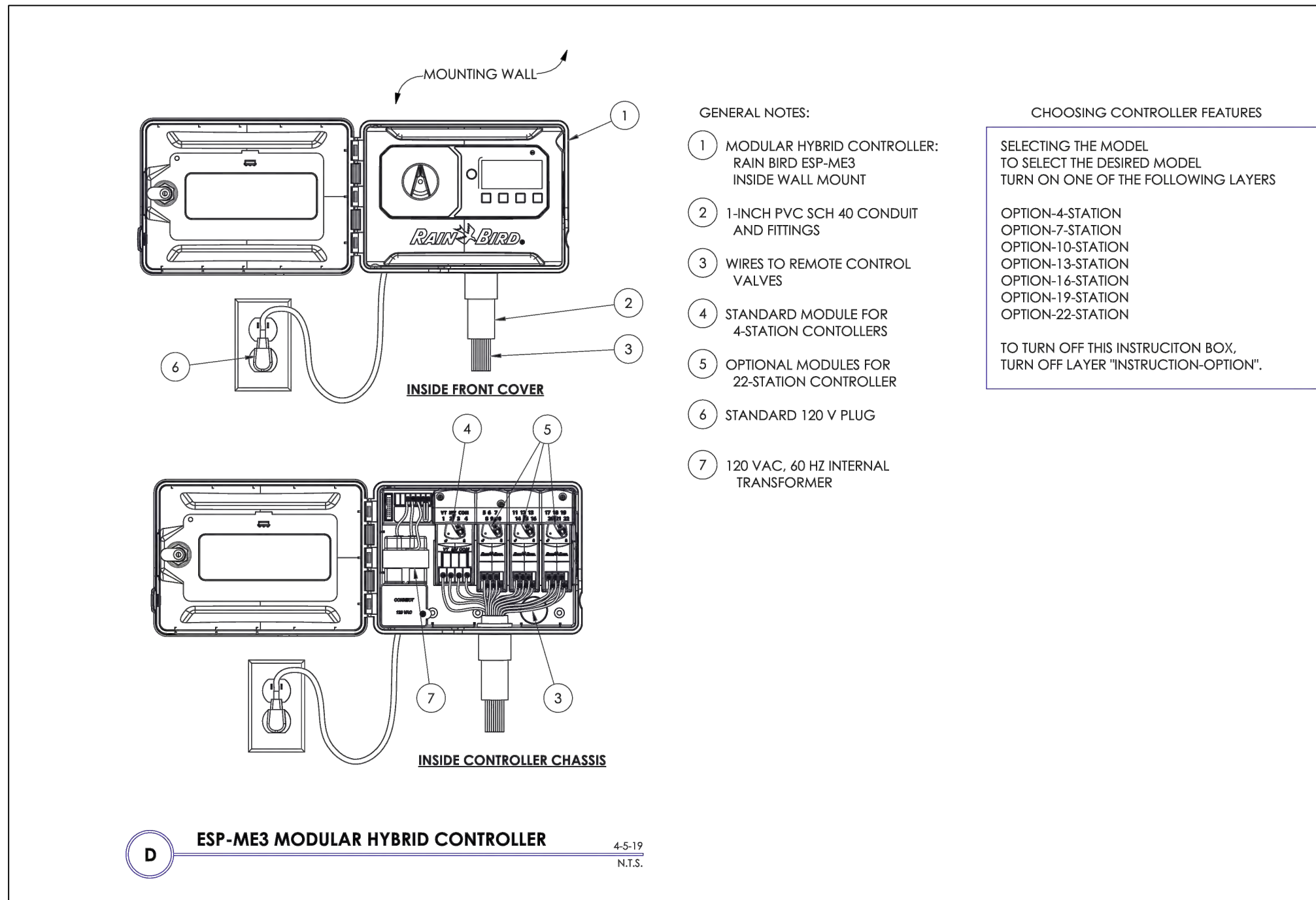
PRIME PROJECT #: 21.45.0

ML+H PROJECT #: 21.45.0

DRAWING NO.:

L-4.4

SEE IRRIGATION SCHEDULE ON SHEET L-4.1 FOR SPECS.



02 CONTROLLER SPEC SHEET

English User Guide

RSD Rain Sensor

The Rain Bird® RSD Series Rain Sensor is an easy to install, durable and visually pleasing rain sensor device suitable for 24VAC residential and commercial applications. This high quality product saves water by automatically measuring precipitation amounts and suspends irrigation cycles when watering is unnecessary.

NOTE: The RSD Rain Sensor is a low-voltage device compatible with all 24 volt alternating current (VAC) control circuits and 24 VAC pump start relay circuits. Electrical rating suitable for use with controllers that can actuate up to ten 24 VAC, 7 VA solenoid valves per station, plus one master valve. **DO NOT** use with any 110/250VAC devices or circuits, such as direct acting pump start systems or remote start valves.

Selecting a Location

Install the Rain Sensor in a location where it can collect natural precipitation without interference from man-made or natural obstructions. Place the device at a height that deters vandalism. Avoid rain sensor mounting locations such as those shown in **Figure 1**.

DO NOT install the Rain Sensor where the device's ability to collect and record natural precipitation events are affected by sprinklers, rain gutters, trees, etc. **DO NOT** install the Rain Sensor where it could accumulate debris from trees. **DO NOT** install the Rain Sensor in a location exposed to high winds.

Operation

Set Rainfall Setting

The rainfall setting on the sensor determines the amount of rainfall needed to suspend the irrigation watering cycle. You can adjust the rainfall setting from 1/8" to 3/4" (2mm to 20mm). Adjustments are made by turning the sensor dial cap clockwise or counter clockwise. To set the rainfall setting, turn the sensor dial cap until the desired rainfall setting lines up with the arrow on the sensor body (A), as shown in **Figure 2**.

The ideal rainfall setting for your location depends on soil type, wind, amount of direct sunlight the sensor receives as well as frequency and amount of rainfall. The table below gives some guidelines to help determine the appropriate rainfall setting.

Irrigation Site Conditions	Rainfall Setting
• Sensor receives long periods of direct sun	1/8" to 1/4" (2mm to 6mm)
• Clay-type soils	
• Frequent, heavy rains	1/2" to 3/4" (13mm to 20mm)
• Sensor mounted in a mostly shady area	
• Sandy soils	

Set Vent Ring

The vent ring determines "drying time" – the length of time the sensor suspends irrigation after a rainfall. For most installations set the vent ring to the fully open position. At properties where water has a tendency to pool after a rainfall, partially close the sensor's vent ring. This adjustment to the vent ring extends the period of time that the irrigation cycle is suspended, allowing the property time to drain.

To set the drying time, turn the vent ring below the sensor dial cap to the desired position, as shown in **Figure 3**.

Mounting

NOTE: Follow the installation instructions carefully and install the unit only in full compliance with the National Electrical Code (NEC) or your local electrical code.

Bracket Model

To install the RSD 88x Rain Sensor bracket model:

1. Select an appropriate mounting location within 25' (7.6m) of your controller. It is not recommended to add additional wire to the provided 25' (7.6m).
2. Drive two mounting screws through the holes (K) in the mounting bracket, as shown in **Figure 4 (C)**. Use the fasteners appropriate for the mounting surface (wood, the masonry, etc.).
3. Make sure the rain sensor dial cap is level and free from overhead obstructions.

Conduit Model

To install the RSD-Cx Rain Sensor conduit model:

1. Select an appropriate mounting location within 25' (7.6m) of your controller. It is not recommended to add additional wire to the provided 25' (7.6m).
2. Thread the Rain Sensor's lead wires through an adaptor fitting appropriate for your installation and screw the sensor into the adaptor, as shown in **Figure 5**. It is not recommended to add additional wire to the provided 25' (7.6m).
3. Make sure the rain sensor dial cap is level and free from overhead obstructions.
4. Secure the adaptor fitting to the conduit, and then connect the Rain Sensor to the controller using the appropriate procedure as described in the "Rain Sensor Wiring" section.

Rain Sensor Wiring

Controllers With Rain Sensor Terminals
Many modern controllers (such as those from Rain Bird) include built-in terminals for rain sensor lead wires. Dedicated rain sensor terminals are usually labeled "sensor", "SENS", "S" or "SN" on the controller's terminal strip.

1. To connect the rain sensor, remove the jumper wire (if present) from the controller's rain sensor terminals.
2. Connect the red and black lead wires from the rain sensor to the controller's sensor terminals, as shown in **Figure 7**. It does not matter which wire goes to each terminal.

Controllers Without Rain Sensor Terminals
Use the procedure below if your controller does NOT have dedicated rain sensor terminals.

1. Disconnect the wire from the common terminal ("C" or "COM") on the controller's terminal strip. Then connect this wire to the red Rain Sensor lead wire.
2. Connect the black Rain Sensor lead wire to the common terminal ("C" or "COM") on the controller's terminal strip, as shown in **Figure 8**.

Testing the System

After installation, test the sensor to ensure it is working correctly. Turn the controller on to initiate irrigation. Hold down the plunger located on top of the rain sensor as shown in **Figure 4 (B)**. The zone should turn off after a few seconds. If it does not turn off, check your rain sensor wire connections.

Maintenance

The RSD Rain Sensor operates automatically and requires no scheduled maintenance. However, the disks inside the sensor dial cap sometimes become contaminated with debris or insects. If this happens, use the following procedure to clean the Rain Sensor.

1. Turn the dial cap to the 3/4" rainfall setting, as shown in **Figure 2**.
2. Press the tab labeled "Press" on the side of the sensor body, as shown in **Figure 6 (B)**. Then turn the dial cap about 1/4 turn further to remove the cap from the sensor body.
3. Remove the plunger and disks from the sensor body and wash them in clean water.
4. Reinstall the plunger and disks. Then reset the rainfall setting to the desired position, as shown in **Figure 2**.

NOTE: If you wash the disks, give them at least 24 hours to dry before reinstalling them. If not, irrigation could be prohibited until they are completely dry.



Tech Spec

ESP-ME3 Modular Controller

ESP-ME3 Series Controllers

America's favorite modular controller, the ESP-ME3 is now WiFi and flow sensor compatible with new design and an enhanced feature set to provide contractors with the industry's most flexible irrigation controller solution. The ESP-ME3 Controller supports up to 22 stations, 4 programs and 6 start times.

Applications

The ESP-ME3 WiFi Compatible Controller provides flexible scheduling features that make the controller ideal for all your irrigation controller needs.

Easy to Use

The ESP-ME3 WiFi Compatible Controller was designed with ease of use in mind. The controller boasts the industry's largest back-lit LCD screen for its class and also incorporates universal icons on both the controller overlay and the LCD.

Easy to Install

The ESP-ME3 WiFi Compatible Controller mounts with as few as two mounting screws. A guide for 1/2" or 3/4" conduit fittings allows for professional installation of field wires into the cabinet. For larger field wire needs, remove the knockout for a 1" diameter opening.

Controller Hardware

- Plastic wall-mount case with door
- 4 station base module
- Mounting Screws
- Wire nuts for outdoor models

Controller Features

- Large LCD display with easy to navigate user interface
- Rain Sensor input with override capability
- Master valve/pump start circuit
- Non-Volatile (100 year) storage memory
- Remotely Programmable under 9V battery power (not included)

Scheduling Features

- Program based scheduling allows 4 individual programs with 6 independent start times per program for 24 total start times
- Watering schedule options: By days of week, ODD calendar days, EVEN calendar days, or Cyclic (every 1 – 30 days)

Advanced Features

- Advanced diagnostics and short detection with LED alert
- Contractor Default™ Program Save/Restore saved program(s)
- Rain Sensor bypass by Station
- One Touch manual watering
- Delay Watering up to 14 days (applies only to stations not set to ignore Rain Sensor)
- Manual Watering option by program or station
- Seasonal Adjust applied to all programs or individual program
- Adjustable delay between valves (default set to 0)
- Master Valve on/off by station

Operating Specifications

- Station timing: 1 minute to 6 hours
- Seasonal Adjust: 5% to 200%
- Max operating temperature: 149°F (65°C)
- Output: 25.5VAC 1A
- Master Valve/Pump Start Relay Operating Voltage: 24VAC 50/60Hz Max Coil Inrush: 11VA Max Coil Holding: 5VA
- Idle/Off power draw 0.06 amps at 120VAC
- Power back-up not required. Nonvolatile memory permanently saves the current programming and a 10-year life lithium battery maintains the controllers time and date during power outages.



Certifications

- cULus (US and Canada), FCC Part 15b (US), CAN ICES-3(B)/NMB-3(B) (Canada), NOM (Mexico), CE (European Union), IRAM (Argentina), INMETRO (Brazil), IPXA, RCM (Australia and New Zealand), IP24.



Dimensions

- Width: 10.7 in. (27.2 cm)
- Max operating temperature: 149°F (65°C)
- Height: 7.7 in. (19.5 cm)
- Depth: 4.4 in. (11.2 cm)

How to specify your model:

ESP-ME3 WiFi Compatible Controller

120V 4 station base controller

Indoor/Outdoor ESP-ME3

230V (available in outdoor models only)

ESP-ME3EUR 230V markets except Australia

ESP-ME3AUS 230V Australia

Expansion Modules for all models

ESP5M1 3 station expansion module

ESP5M6 6 station expansion module



Tech Spec

PEB and PESB Series Valves

Designed to Outperform. Engineered to Outlast.

Pressure surges? Efficient water? Clogging debris? No problem. PEB and PESB Series valves offer long life and efficient, trouble-free performance – even under harsh conditions. Constructed of heavy-duty glass-filled nylon, these valves resist clogging. And the PESB model features a patented scrubber to actively fight dirt, debris and particles.

Features

- Body constructed of durable glass-filled nylon for long life and heavy-duty performance at 200 psi (13.80 bar) pressure
- Stainless steel studs molded into the body
- Bonnet can be attached and removed more easily without damaging threads
- One-piece solenoid design with captured plunger and spring for easy servicing. Prevents loss of parts during field service
- External bleed protects the solenoid ports from debris when system is flushed
- Internal bleed operates the valve without allowing water into the valve box, allows pressure regulator to be adjusted without turning on the valve at the controller first
- Low flow operating capability (0.25 gpm; 0.06 m³/h; 1.2 lpm) for a wide range of applications. For flows below 5 gpm (1.14 m³/h; 19.2 lpm) or any Xerigation® application, install Rain Bird filter upstream
- Slow closing to prevent water hammer and subsequent system damage
- PESB only: Scrubbers sweep its stainless steel screen clean to break down grit and plant material. Prevents debris build-up and clogging

Options (order separately)

- Accommodates optional, field installed PRS-D pressure regulating module to ensure optimum sprinkler performance
- Optional purple flow control handles for non-potable water applications
 - PEB-NP-HAN1 (1")
 - PEB-NP-HAN2 (1 1/2" and 2")
- Accepts latching solenoid for use with Rain Bird battery-operated controllers up to 150 psi (10.35 bar)

Operating Range

- Pressure: 20 to 200 psi (1.38 to 13.80 bar)
- Flow: 0.25 to 200 gpm (0.06 to 45.40 m³/h; 1.2 to 757 lpm)

- Flow with PRS-D: 5 to 200 gpm (1.14 to 45.40 m³/h; 19.2 to 757 lpm)
- Temperature: up to 160°F (56°C)

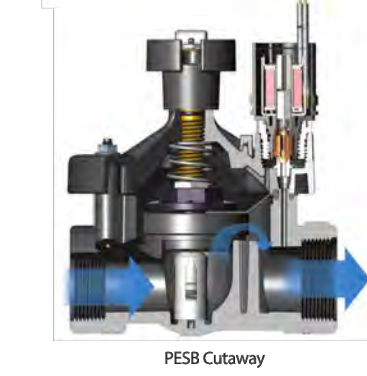
Electrical Specifications

- Power: 24 VAC 50/60 Hz (cycles/sec) solenoid
- Inrush current: 0.41 A (9.9W VA) at 50 Hz
- Holding current: 0.14A (3.43W VA) at 60Hz
- Coil resistance: 30-39 Ohms
- Compatible with ESP-LXD decoders

PEB and PESB Series Valve Pressure Loss (psi)	Flow GPM	1" 100-PEB	1 1/2" 150-PEB	2" 200-PEB
10	0.8	-	-	-
0.5	1.0	-	-	-
1	1.2	-	-	-
5	1.2	-	-	-
10	1.2	-	-	-
20	2.9	3.9	-	-
30	5.6	3.9	-	-
40	10.0	3.5	-	-
50	15.6	2.6	4.5	-
60	17.5	2.4	4.1	-
100	-	9.6	5.2	-
125	-	14.6	8.2	-
150	-	21.2	11.8	-
175	-	26.7	15.5	-
200	-	-	19.5	-

PEB and PESB Series Valve Pressure Loss (bar)	Flow m³/h	2.5 cm 100-PEB	3.8 cm 150-PEB	5.1 cm 200-PEB
0.06	0.09	-	-	-
0.3	0.09	-	-	-
1	0.12	-	-	-
1.2	0.12	-	-	-
5	1.0	0.32	0.26	-
6	1.00	0.68	0.24	-
10	2.00	0.24	0.36	0.33
15	3.50	-	0.33	0.32
18	3.60	-	0.42	0.32
21	3.50	-	0.57	0.34
24	4.00	-	0.74	0.41
27	4.50	-	0.92	0.51
30	5.00	-	1.14	0.64
33	5.50	-	1.38	0.77
36	6.00	-	1.64	0.90
39	6.50	-	1.94	-
42	7.00	-	2.24	-
45	7.50	-	2.54	-

Notes:
1. Latch valves open with flow control fully open.
2. PRS-D module recommended for all flow ranges.
3. For flows below 5 gpm (1.14 m³/h; 19.2 lpm), Rain Bird recommends use of waterless bleeders to prevent debris from backing up before the plunger.
4. For flows below 10 gpm (2.27 m³/h; 37.8 lpm), Rain Bird recommends the flow control handle be latched down back full from the fully open position.



Dimensions

Size	Height	Length	Width
100	6" (15.5 cm)	4" (10.2 cm)	4" (10.2 cm)
150	8" (20.3 cm)	6" (15.2 cm)	6" (15.2 cm)
200	8" (20.3 cm)	6" (15.2 cm)	6" (15.2 cm)

Note: The PRS-D option adds 2" (5.1 cm) to valve height.

Models

- 100PEB and 100PESB 1"
- 150PEB and 150PESB 1 1/2"
- 200PEB and 200PESB 2"

DRS should be available, specify when ordering.

How To Specify

100 - PEB - PRS-D

Size	Model	Optional Feature
100-1"	PEB	PRS-D pressure regulating module
150-1 1/2"	PESB-scrubber	regulating module (must be ordered separately)
200-2"	PEB	regulating module

Notes: Valve and PRS-Dist module must be ordered separately. For detailed specifications, it is necessary to specify NPT or BSP thread type.

Specifications

The ESP-ME3 Controller shall be capable of fully automatic or manual operation. The controller shall be housed in a wall-mountable, weather-resistant plastic cabinet with a key-locking cabinet door suitable for either outdoor or indoor installation.

The controller shall include a base unit module with 4 stations as well as three expansion slots capable of receiving expansion station modules of either three or six stations to achieve total station capacity of up to 22 stations. The controller shall accept the modules in any configuration and shall not require the installation of a three station module in order to install a 6 station module.

Station run times shall range from 1 minute to 6 hours. The controller shall be set with a factory default start time of 8 AM and default run time of 10 minutes for the first 4 stations for Program A only.

The controller shall have a Seasonal Adjust feature to adjust the run time for all stations from 5% to +200% in 5% increments. Seasonal Adjust can be applied to all programs simultaneously or individually.

The controller shall have 4 independent programs that can have 6 different start times. The controller shall stack multiple start times in sequence to prevent hydraulic overload. All programs run consecutively.

The controller shall be capable of operating two 24VAC solenoid valves per station plus a master valve or remote pump start relay. The controller shall operate on 120VAC, 10% at 60Hz, 230VAC ± 10% at 50Hz for international models. A master valve or pump start relay shall operate on 24VAC at 50/60Hz, Max Coil Inrush of 11VA and Max Coil Holding of 5VA.

Watering day cycles shall be by Day of the week, Odd, Even and Cyclic (Every 8 days). Odd, Even and Cyclic shall support permanent days off. A day set to "Permanent Off" overrides the normal repeating schedule.

The controller shall be equipped with a variety of Special Features (SF) that can be accessed by turning to the appropriate dial position and pressing and holding the two arrow keys simultaneously for 3 seconds.

Special Features Include:

- Rain Sensor Bypass by Station
- Flow Sensor Bypass by Station
- Permanent Days Off (Odd, Even, Cyclic only)
- Store/Restore Saved Programs
- Reset to Factory Defaults
- Set Inter-station Delay timing
- Set Master Valve operation by Station

The features above will be included on a Special Features Card included with every controller. The controller shall offer manual watering of ALL stations or ONE station at a time. When manual watering is triggered, the unit shall ignore the status of the weather sensor (if connected) and re-enable the sensor when manual watering is completed.

The controller shall have an electronic diagnostic circuit breaker that shall sense a station with an electrical overload or short circuit and shall bypass that station and continue to operate all other stations. When an electrical condition exists that is preventing normal operation the red LED shall illuminate continuously and scroll a message across the LCD as to what the problem is. When an alert condition is present that is related to programming errors or flow detection, the red LED shall continuously blink and scroll a message.

The controller shall be compatible with Rain Bird's LNK WiFi Module, allowing wireless connectivity to the controller.

The controller shall be compatible with Flow Sensors, allowing for flow monitoring which can give alerts and skip automatically scheduled irrigation for problem stations.

The controller shall provide a method for the installer to save the irrigation schedule into non-volatile memory for easy recall later if unwanted schedule changes are made.

The controller shall provide a method for the installer to restore the schedule to the factory fresh condition in order to start programming from a "blank" state.

The controller shall provide a method to wire the controller through a 1/2", 3/4" and 1" wire conduit fitting to allow for a more professional installation.

The controller shall provide a reset button to reset the controller in the case of micro-controller "lock-up" due to power surges or frequent interruption of power to the power supply.

The controller shall be upgradable to an EPA WaterSense approved smart controller without having to replace the cabinet, nor disconnect station modules.

Suggested accessories for use with this controller:

- LNK WiFi Module (wireless connectivity)
- RSD Series Wired Rain Sensors
- WR2 Series Wireless Rain Sensors
- All Rain Bird rotors, valves, nozzles, sprays and drip products.

The controller shall be manufactured by Rain Bird Corporation in a US/Canada member country.

The controller shall be manufactured by Rain Bird Corporation in a US/Canada member country.

Specification Hotline

1-800-458-3005 (U.S. and Canada)

Rain Bird Corporation
970 West Sierra Madre Avenue
Azusa, CA 91702
Phone: (626) 812-3400
Fax: (626) 812-3411

Rain Bird Technical Services
(800) RAINBIRD (1-800-724-6247)
(U.S. and Canada)

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The controller shall display on the LCD the message NO AC to indicate to the user when AC power is not present (only if 9 volt battery is present).

The controller shall be compatible with Rain Bird's LNK WiFi Module, allowing wireless connectivity to the controller.

The controller shall be compatible with Flow Sensors, allowing for flow monitoring which can give alerts and skip automatically scheduled irrigation for problem stations.

The controller shall provide a method for the installer to save the irrigation schedule into non-volatile memory for easy recall later if unwanted schedule changes are made.

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Specification Hotline

1-800-458-3005 (U.S. and Canada)

Rain Bird Corporation
970 West Sierra Madre Avenue
Azusa, CA 91702
Phone: (626) 81

NEPTUNE BEACH SENIOR COMMUNITY CENTER

2010 FOREST AVENUE
NEPTUNE BEACH, FLORIDA

PREPARED FOR:

CITY OF NEPTUNE BEACH

PROJECT TEAM:

DEVELOPER:
CITY OF NEPTUNE BEACH, FL
2010 FOREST AVENUE
NEPTUNE BEACH, FL 32266
(904) 270-2423

CIVIL ENGINEER:
MAVERICK ENGINEERING
10 WILLOW WINDS PARKWAY
ST. JOHNS, FL 32259
(904) 655-6687
ATTN: JEREMY W. CALLOWAY, PE

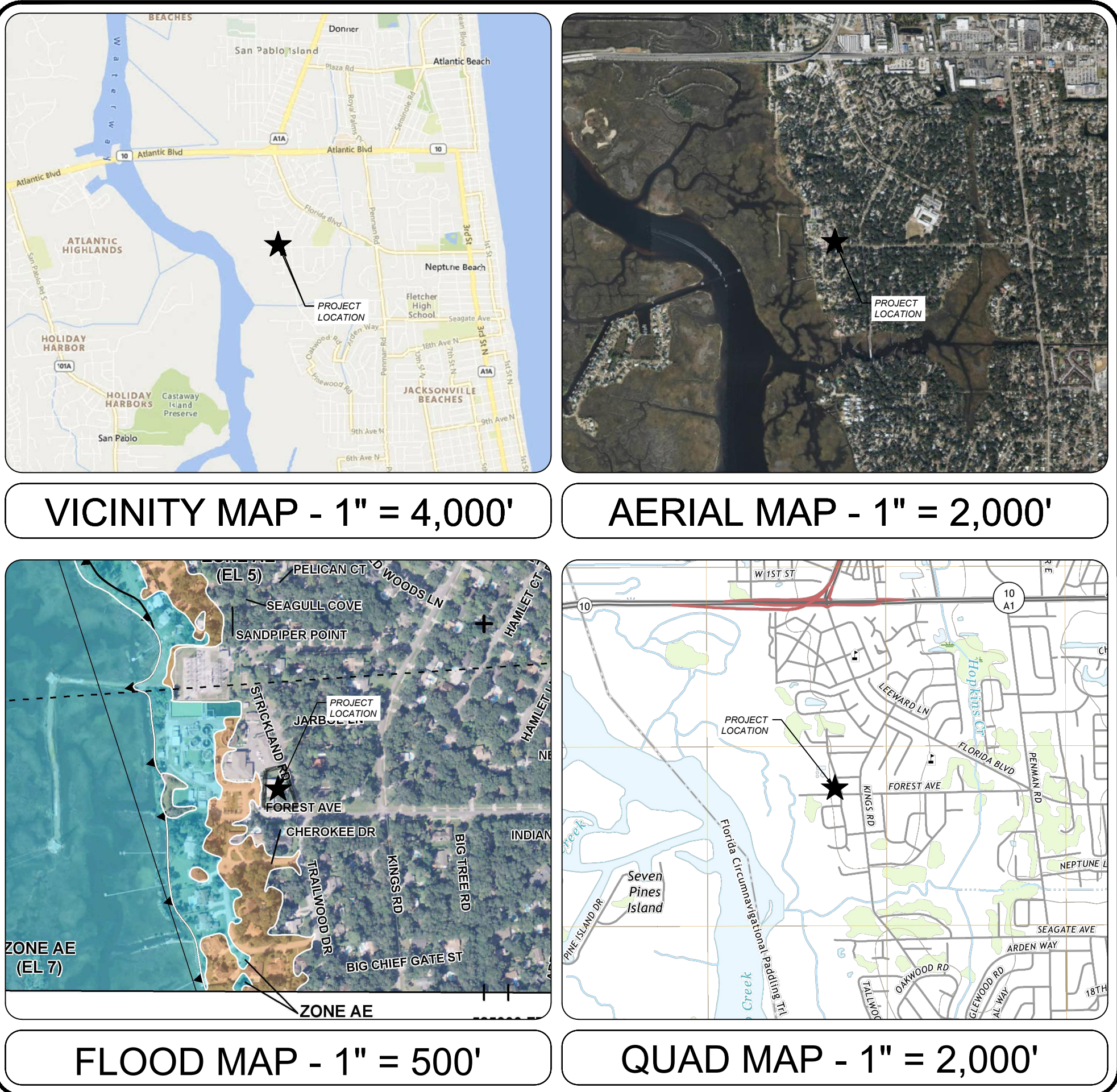
LANDSCAPE ARCHITECT:
MARQUIS LATIMER + HALBACK, INC.
34 CORDOVA STREET, SUITE A
ST. AUGUSTINE, FL 32084
(904) 825-6747
ATTN: JEREMY MARQUIS, RLA

ARCHITECT:
LES THOMAS ARCHITECT
32 CORDOVA STREET
ST. AUGUSTINE, FL 32084
(904) 824-9508
ATTN: LES THOMAS, AIA

SURVEYOR:
BOATWRIGHT LAND SURVEYORS, INC.
1500 ROBERTS DRIVE
JACKSONVILLE BEACH, FL 32250
(904) 241-8550
ATTN: JASON D. BOATWRIGHT, PSM

GENERAL NOTES:

- (1) SEE SURVEY FOR LEGAL DESCRIPTION
- (2) ALL ELEVATIONS SHOWN HEREIN ARE REFERENCED TO THE NORTH AMERICAN GEODETIC VERTICAL DATUM 1988 (NAVD88)
- (3) ANY AND ALL WORK PERFORMED IN CITY OF NEPTUNE BEACH RIGHT-OF-WAYS SHALL BE IN ACCORDANCE WITH APPLICABLE CITY STANDARDS.
- (4) IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT PRIOR TO CONSTRUCTION COMMENCEMENT. IF A DISCREPANCY IS DISCOVERED BETWEEN THE SURVEY, ABOVE AND BELOW GROUND FIELD VERIFICATION, AND/OR APPLICABLE CODES, THE ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING PRIOR TO THE INITIATION OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD SHALL CONSTITUTE FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DETAILED BY THE DRAWINGS AND SPECIFICATIONS AND IN FULL CONFORMANCE WITH APPLICABLE REGULATIONS AND CODES.
- (5) THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO ADJACENT PROPERTY AND EXISTING SITE FEATURES TO REMAIN AND WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGE.
- (6) IT IS THE APPLICANT'S RESPONSIBILITY TO SCHEDULE A PRE-CONSTRUCTION/ PRE-PERMIT MEETING WITH CITY OF NEPTUNE BEACH AFTER PLANS ARE RELEASED FOR CONSTRUCTION AND BEFORE STARTING ANY SITE CONSTRUCTION ACTIVITIES.



PREPARED BY:



MAVERICK
ENGINEERING



Know what's below.
Call before you dig.



DRAWING INDEX

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	SURVEY
5	DEMOLITION & EROSION CONTROL PLAN
6	SITE IMPROVEMENTS PLAN
7	CONSTRUCTION DETAILS
8	SWPPP DETAILS
9	CONTRACTOR CERTIFICATION
L-2.1	HARDSCAPE PLAN
L-2.2	HARDSCAPE DETAILS AND NOTES
L-3.1	LANDSCAPE PLAN AND SCHEDULE
L-3.2	LANDSCAPE NOTES
L-3.3 - L-4.1	LANDSCAPE DETAILS
L-4.1	IRRIGATION PLAN AND SCHEDULE
L-4.2	IRRIGATION DETAILS
L-5.1	IRRIGATION DETAILS
L-5.2	IRRIGATION DETAILS

REGULATORY AGENCIES:

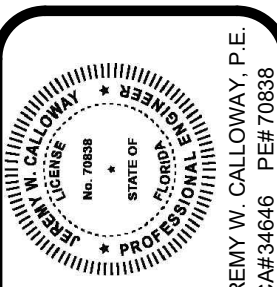
CITY OF NEPTUNE BEACH PUBLIC WORKS DEPARTMENT:
2010 FOREST AVENUE
NEPTUNE BEACH, FL 32266
(904) 270-2423

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT:
7775 BAYMEADOWS WAY, SUITE 102
JACKSONVILLE, FL 32256
(904) 424-3410

FLOOD ZONE:

THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "X" PER
FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER
12031C0408J, DATED NOVEMBER 2, 2018

PROJECT DATUM: NAVD '88



MAVERICK ENGINEERING
10 WILLOW WINDS PARKWAY
ST. JOHNS, FLORIDA 32259
(904) 655-6687



REVISIONS	DATE	DESCRIPTION
1	1/28/2022	REVISED PER CLIENT COMMENTS
2	4/18/2022	REVISED PER SURVIVOR COMMENTS

COVER SHEET
NEPTUNE BEACH SENIOR COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA
PREPARED FOR:
CITY OF NEPTUNE BEACH

1

OF 9

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JEREMY W. CALLOWAY, P.E. ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ELECTRONIC COPIES.

THE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SIGNATURE SHEET
3	GENERAL NOTES
4	SURVEY
5	DEMOLITION & EROSION CONTROL PLAN
6	SITE IMPROVEMENTS PLAN
7	CONSTRUCTION DETAILS
8	SWPPP DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JEREMY MARQUIS, RLA ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ELECTRONIC COPIES.

THE NAMED PROFESSIONAL LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G1-16.005, F.A.C.

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
L-2.1	HARDSCAPE PLAN
L-2.2	HARDSCAPE DETAILS AND NOTES
L-3.1	LANDSCAPE PLAN AND SCHEDULE
L-3.2	LANDSCAPE NOTES
L-3.3 - L-4.1	LANDSCAPE DETAILS
L-4.1	IRRIGATION PLAN AND SCHEDULE
L-4.2	IRRIGATION DETAILS
L-5.1	IRRIGATION DETAILS
L-5.2	IRRIGATION DETAILS

2

OF 9

SIGNATURE SHEET

NEPTUNE BEACH SENIOR COMMUNITY CENTER

PREPARED FOR:
NEPTUNE BEACH, FLORIDA
CITY OF NEPTUNE BEACH

DRAWING BY: PET

DESIGN BY: PET

CHECKED BY: JWC

DATE: 12/09/2021

PROJECT #: 2116

REVISIONS

#	DATE	DESCRIPTION
1	1/28/2022	REVISED PER CLIENT COMMENTS
2	4/18/2022	REVISED PER SJRWMD COMMENTS

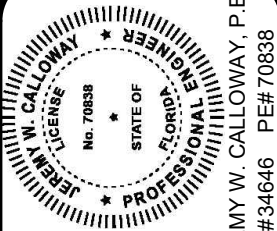
MAVERICK ENGINEERING

10 WILLOW WINDS PARKWAY

ST. JOHNS, FLORIDA 32259

(904) 655-6687





1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT THE WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE LOCAL GOVERNING BODY OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE WATER MANAGEMENT DISTRICT AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
5. THE CONTRACTOR SHALL INSTALL ALL SEDIMENT AND EROSION CONTROLS PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED. THE ENTIRE PROJECT AREA IS STABILIZED, AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.
6. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS: FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
7. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.
8. ALL UTILITY CONSTRUCTION SHALL MEET THE WATER AND WASTEWATER UTILITY STANDARDS OF THE UTILITY SERVICE PROVIDER IN THE PROJECT AREA.
9. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.
10. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL GOVERNING BODY'S LAND DEVELOPMENT REGULATIONS.
11. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES BUT IS NOT LIMITED TO MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.
12. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.
13. CONTRACTOR SHALL PROVIDE ACTUAL INVERT ELEVATIONS ON ALL DRAINAGE STRUCTURES, INCLUDING CULVERTS. PRIOR TO PLACING ANY BASE MATERIAL. DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER BEFORE CONTINUING WORK.
14. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THE F.D.O.T. DESIGN STANDARDS (CURRENT EDITION), AWWA SPECIFICATIONS, AND THE LOCAL GOVERNING BODY'S DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED.
15. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS AND REPLACE WITH CLEAN COARSE SAND HAVING NO MORE THAN 5% PASSING THE No. 200 SIEVE $K_{50} = 23.4$ FT/DAY.
16. THE CONTRACTOR SHALL NOTIFY THE LOCAL GOVERNING BODY AT LEAST 48 HOURS IN ADVANCE PRIOR TO BEGINNING OF CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION COMMENCEMENT NOTICE AND NOTIFYING THE ENGINEER OF THE CONSTRUCTION SCHEDULE.
18. THE CONTRACTOR SHALL INSTALL CONSTRUCTION FENCING AND NO TRESPASSING SIGNS FOR THE DURATION OF CONSTRUCTION.
19. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING.
20. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE ENGINEER IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE, OR OTHER UNUSUAL CONDITION.
21. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION.
22. ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
23. THE CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS AND GUARDS DURING CONSTRUCTION WORK UNTIL IT IS SAFE FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.
24. ALL DEMOLISHED ASPHALT, CONCRETE, PIPE, STRUCTURES AND OTHER DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN A LEGAL MANNER.
25. MAINTAIN 12" VERTICAL SEPARATION BETWEEN ALL POTABLE WATER MAINS AND SANITARY SEWER GRAVITY AND FORCE MAINS.
26. WHERE WATER MAINS CROSS THE SANITARY SEWER, THE SEWER MAIN SHALL BE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET BOTH SIDES OF THE WATER MAIN, UNLESS A MINIMUM OF 12" VERTICAL SEPARATION IS MAINTAINED WITH THE WATER ABOVE TO SEWER MAIN.
27. ALL NEW SEWER MAINS SHALL HAVE A MINIMUM COVER OF 36".
28. ALL EXISTING DRIVES, ROADS, CULVERTS, ETC. THAT ARE DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION.
29. ALL DISTURBED AREAS ARE TO BE CLEANED, GRADED AND ROLLED TO ORIGINAL CONTOURS, HYDROSEEDED TO DOT SPECIFICATIONS UNLESS SPECIFICALLY NOTED OTHERWISE. CONTRACTOR SHALL MAINTAIN DISTURBED AREAS UNTIL A SATISFACTORY STAND OF GRASS IS ESTABLISHED WITHOUT BARE SECTIONS OR ERODED AREAS.
30. CONTRACTOR SHALL PROVIDE SIGNED AND SEALED AS-BUILTS BY A LICENSED PLS TO THE EOR FOR REVIEW AND APPROVAL.

1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
2. THE CONTRACTOR SHALL ADHERE TO THE LOCAL GOVERNING BODY, F.D.P. AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP'S FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
3. THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPLACED AS NECESSARY.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GRASS COVER HAS BEEN ESTABLISHED.
7. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
8. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
11. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
12. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
14. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED

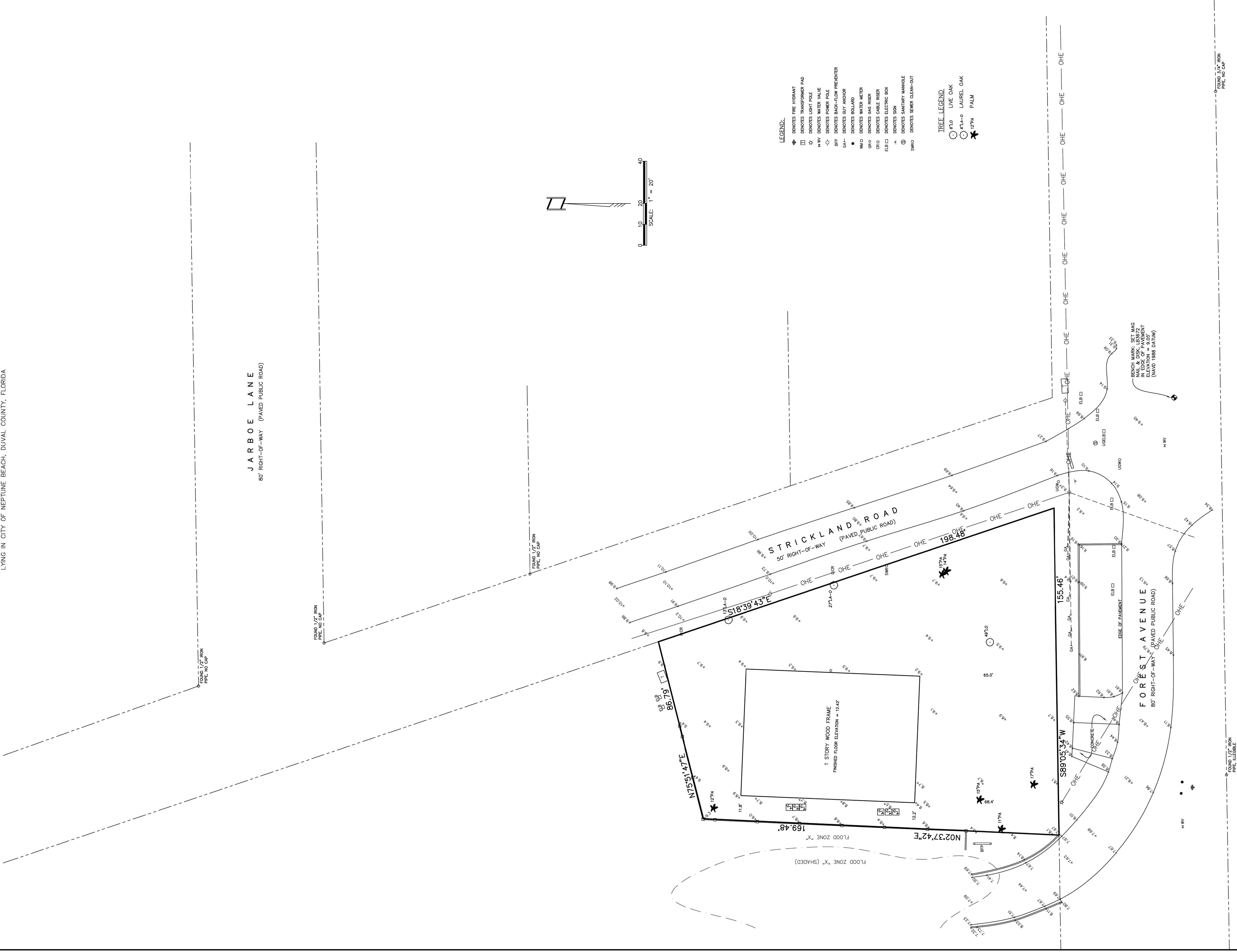
15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
16. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.
17. EXCESS DIRT SHALL BE REMOVED DAILY.
18. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS.
19. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALEBARRIERS LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.5 INCHES OR GREATER.
20. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.

1. CONTRACTOR SHALL NOTIFY THE COUNTY PUBLIC WORKS DEPT. 24 HOURS IN ADVANCE OF STARTING PROPOSED WORK.
2. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH APPLICABLE FOOT STANDARD INDEXES.
3. ALL DISTURBED AREAS IN THE COUNTY RIGHT OF WAY NOT RESTORED AS PAVEMENT SHALL BE SODDED.
4. RPM'S SHALL BE INSTALLED IN ACCORDANCE WITH FOOT STANDARD INDEX 17352.
5. ALL PERMANENT STRIPING IN COUNTY R.O.W. SHALL BE THERMOPLASTIC.

1. ALL UTILITY CONSTRUCTION SHALL MEET THE UTILITY PROVIDER AND LOCAL GOVERNING BODY'S WATER AND WASTEWATER UTILITY STANDARDS.
2. THE CONTRACTOR SHALL MAINTAIN EXISTING WATER MAINS IN SERVICE DURING CONSTRUCTION. IN THE EVENT INTERRUPTIONS TO SERVICE ARE REQUIRED DURING CONSTRUCTION, SUCH INSTANCES SHALL BE MINIMIZED.
3. ALL NEW OR RELOCATED WATER MAINS THAT SERVE FIRE HYDRANTS AND ALL FIRE HYDRANT LEADS SHALL BE NO SMALLER THAN SIX INCHES IN DIAMETER. AUXILIARY VALVES SHALL BE PROVIDED ON ALL HYDRANT LEADS.
4. SUFFICIENT VALVES SHALL BE PROVIDED IN NEW AND RELOCATED WATER MAINS SO THAT INCONVENIENCE AND SANITARY HAZARDS WILL BE MINIMIZED DURING REPAIRS. (VALVES SHALL BE PLACED IN NO MORE THAN 500-FOOT INTERVALS IN COMMERCIAL DISTRICTS AND IN AT MOST ONE-BLOCK OR 800-FOOT INTERVALS IN OTHER DISTRICTS.)
5. IF THERE ARE ANY NEW OR RELOCATED WATER MAINS THAT CROSS UNDER ANY SURFACE WATER, A MINIMUM COVER OF TWO FEET SHALL BE PROVIDED OVER THE WATER MAIN PIPE AT EACH SURFACE WATER CROSSING, AND IF THE SURFACE WATER IS GREATER THAN 15 FEET IN WIDTH, THE FOLLOWING FEATURES SHALL BE PROVIDED: (A) FLEXIBLE WATER TIGHT JOINTS AT EACH WATER MAIN CROSSING, (B) EASILY ACCESSIBLE VALVES LOCATED IN A MANHOLE, AND (C) PERMANENT TAPS ON EACH SIDE OF THE VALVE WITHIN THE MANHOLE TO ALLOW FOR SAMPLING AND INSERTION OF A SMALL METER TO DETERMINE LEAKAGE.
6. PROPER BACKFLOW PREVENTION ASSEMBLIES/DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH RULE 62-555.360, F.A.C., AND THE AWWA'S MANUAL M4, RECOMMENDED PRACTICE FOR BACKFLOW PREVENTION AND CROSS CONNECTION CONTROL.
7. THIS PROJECT SHALL NOT INCLUDE ANY INTERCONNECTION BETWEEN PREVIOUSLY SEPARATE PUBLIC WATER SYSTEMS THAT HAVE SEPARATE WATER SUPPLY SOURCES. (A SPECIFIC CONSTRUCTION PERMIT IS REQUIRED FOR SUCH AN INTERCONNECTION.)
8. ALL NEW RELOCATED WATER LATERALS THAT CROSS ANY SANITARY SEWERS, STORM SEWERS, FORCE MAINS, OR RECLAIMED WATER LINES SHALL CROSS ABOVE SUCH PIPELINES.
9. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE POTABLE WATER MAIN EXTENSION AND THE SANITARY SEWER MAIN EXTENSIONS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA, SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SURVEYOR ATTAINED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER IN DIGITAL AUTOCAD FORMAT.
10. COPPER TRACER WIRE SHALL BE PLACED ON ALL POTABLE WATER LINES AND WATER LATERALS. TRACER WIRE SHALL BE CONTINUOUS WITH NO INTERRUPTIONS.
11. LOCATOR BALLS SHALL BE PROVIDED AT END OF ALL WATER AND SANITARY SEWER LATERALS. THE LOCATOR BALLS SHALL BE SECURED TO THE LATERALS WITH A PLASTIC TIE STRAP.
12. WATER AND SANITARY SEWER LATERALS SHALL BE LEFT UNCOVERED UNTIL INSPECTED BY THE ENGINEER OR THE ENGINEER'S INSPECTOR.
13. CONTRACTOR SHALL PROVIDE TEMPORARY STAKES (2" BY 2" WOODEN STAKES) AT THE END OF EACH LATERAL. EACH STAKE SHALL INDICATE EITHER WATER OR SANITARY SEWER LATERAL. CONTRACTOR SHALL MAINTAIN THE STAKES UNTIL AN AS-BUILT SURVEY OF WATER AND SANITARY SEWER MAINS AND LATERALS ARE COMPLETE AND APPROVED BY THE ENGINEER.
14. MEGALUG MECHANICAL JOINT RESTRAINTS OR SERIES 1390 UNI-FLANGE BLOCK BUSTER RESTRAINT DEVICES SHALL BE USED WITH MANUFACTURER'S RECOMMENDATIONS. ALL RESTRAINED JOINTING MUST BE LEFT OPEN UNLESS REQUIRED BY THE CITY INSPECTOR.
15. FOR SANITARY SEWER PERFORM HYDROSTATIC TEST. ALLOWABLE LEAKAGE IS A MAXIMUM OF 50 GAL. PER INCH OF NOMINAL PIPE SIZE PER MILE OF PIPE, DURING A 24-HOUR PERIOD. OPTION: TEST DUCTILE-IRON PIPING ACCORDING TO AWWA C600, SECTION "HYDROSTATIC TESTING" - USE TEST PRESSURE OF AT LEAST 10 PSI. FOR SANITARY SEWERAGE, PERFORM AIR TEST ACCORDING TO UN1-B-6.
16. FOR SANITARY SEWERAGE ALIGNMENT: EACH SECTION OF THE COMPLETED SEWER SYSTEM SHALL BE INSPECTED FOR PROPER ALIGNMENT. INSPECTION SHALL CONSIST OF "LAMPING" FROM MANHOLE TO MANHOLE. ANY SECTION OF THE SEWER SYSTEM, WHICH DOES NOT DISPLAY TRUE, CONCENTRIC ALIGNMENT, SHALL BE INSTALLED AT NO ADDITIONAL EXPENSE TO THE OWNER.
17. CLEAN AND DISINFECT WATER DISTRIBUTION PIPING SYSTEMS AND PARTS OF EXISTING SYSTEMS THAT HAVE BEEN ALTERED, EXTENDED OR REPAIRED BEFORE USE. USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR USE PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR USE PROCEDURE DESCRIBED IN AWWA C651.
18. PVC GRADE FLOW SEWER PIPE AND FITTINGS 15 INCH AND SMALLER IN DIAMETER SHALL BE SDR35 PIPE WITH BELL AND SPIGOT GASKET JOINT THAT COMPLIES WITH THE REQUIREMENTS OF ASTM D3034.

Page 104 of 187

MAP SHOWING SURVEY OF
BEING A PORTION OF B DE CASTRO Y FERRER GRANT, SECTION 38,
TOWNSHIP 2 SOUTH, RANGE 29 EAST,
LYING IN CITY OF NEPTUNE BEACH, DUVAL COUNTY, FLORIDA



NOTES:

1. THIS IS A TOPOGRAPHIC SURVEY WITH TREE LOCATION.
2. BEARINGS BASED ON FLORIDA STATE PLANE EAST ZONE NAD 83 DATUM. ESTABLISH BY GPS.
3. BENCHMARK USED IS A SET MAG NAIL & DISK, LB 3672. ELEVATION = 9.05' (N.A.V.D. 1986). ESTABLISHED BY GPS OBSERVATIONS USING SPECTRA PRECISION SP 80.

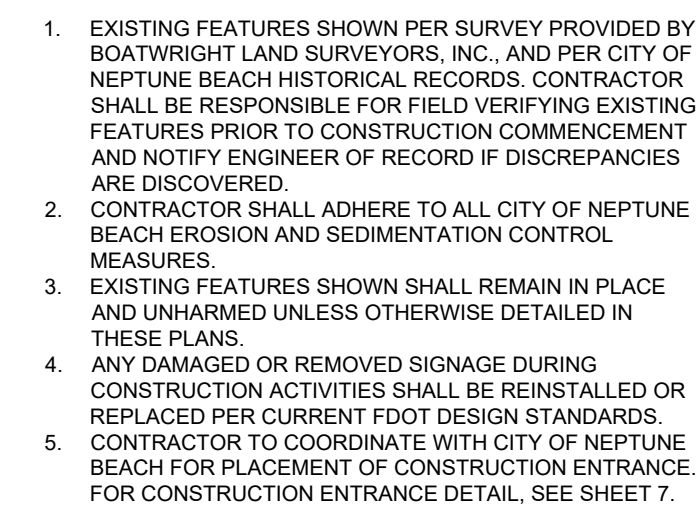
THE PROPERTY DESCRIBED HEREON LIES IN FLOOD ZONE "X" (AREA OF MINIMAL FLOOD HAZARD) AND FLOOD ZONE "X" (SHADED, AREA OF 0.2% ANNUAL CHANCE OF FLOOD HAZARD) AS DETERMINED FROM THE FLOOD INSURANCE RATE MAP No. 12031C0408J, REVISED NOVEMBER 2, 2018 FOR DUVAL COUNTY, FLORIDA.

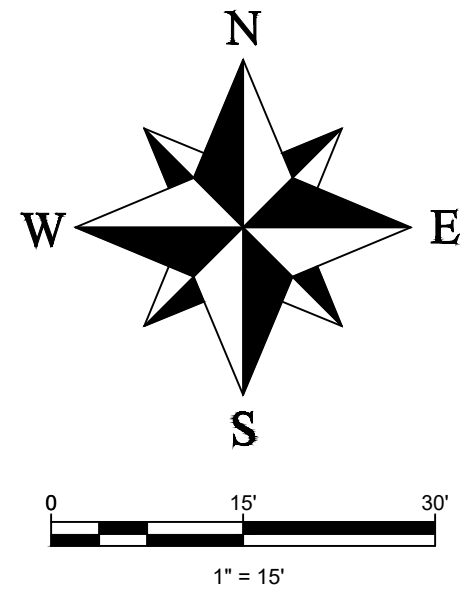
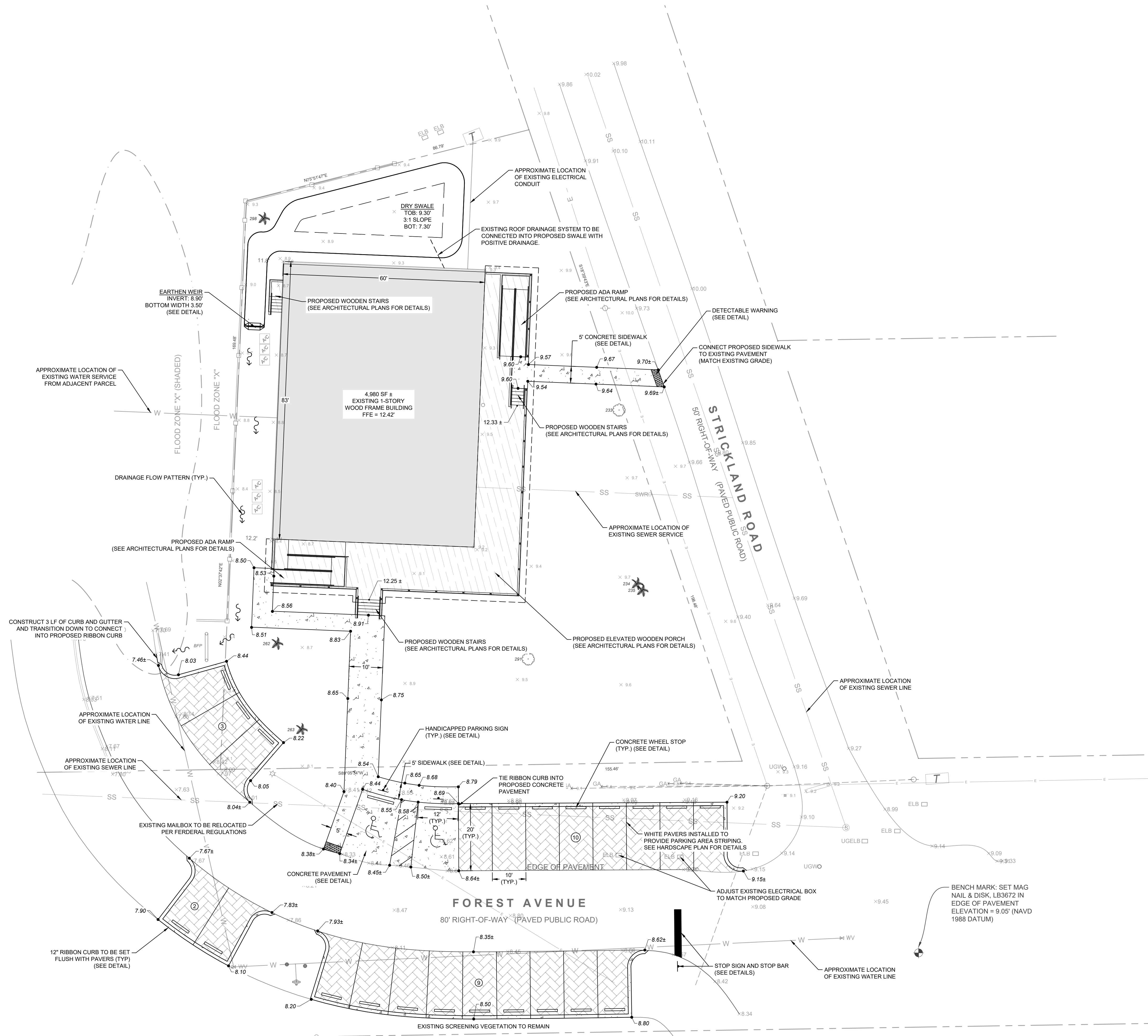
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

BOATWRIGHT LAND SURVEYORS, inc.
1500 ROBERTS DRIVE JACKSONVILLE FLORIDA (904) 241-8550

THIS SURVEY IS CERTIFIED TO:
NEPTUNE BEACH SENIOR CENTER; CITY OF NEPTUNE BEACH

JASON D. BOATWRIGHT, P.S.M.
FLORIDA LICENSED SURVEYOR and MAPPER No. LS 7292
FLORIDA LICENSED SURVEYING & MAPPING BUSINESS No. LB 3672





EXISTING LEGEND

	PROPERTY / RIGHT OF WAY
	EXISTING EDGE OF PAVEMENT
	EXISTING WALL
	EXISTING OVERHEAD ELECTRIC WIRE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING FLOOD LINE

HATCH LEGEND

	CONCRETE
	PERVIOUS PAVERS
	WOOD
	BUILDINGS
	SWALE

SITE DATA TABLE

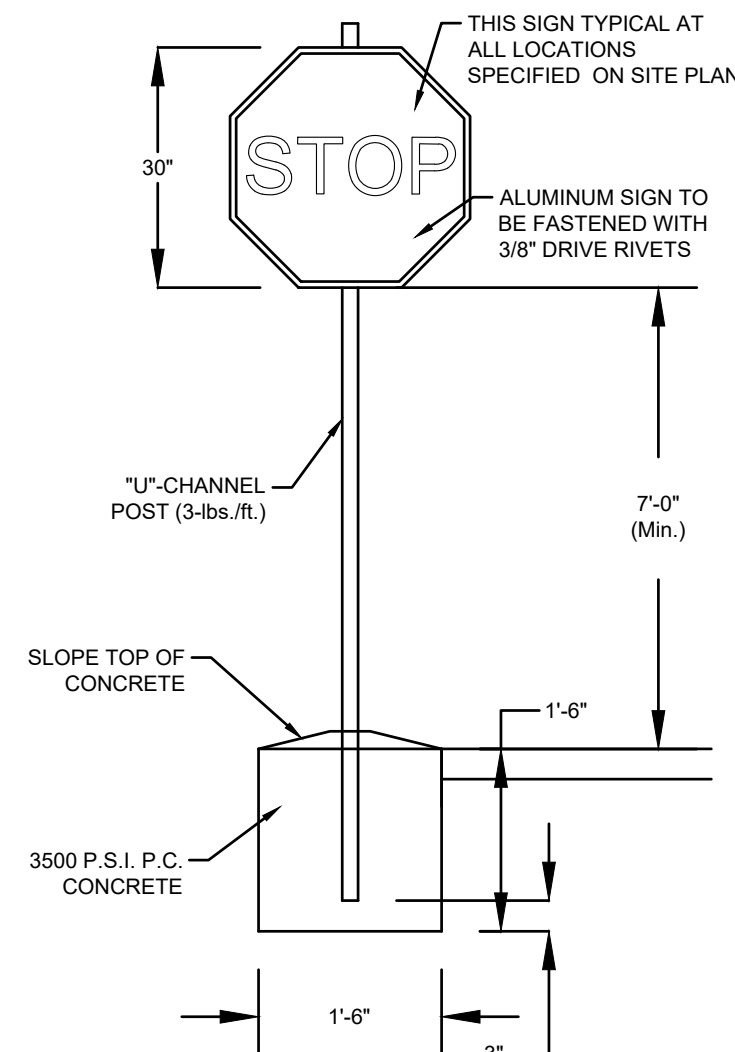
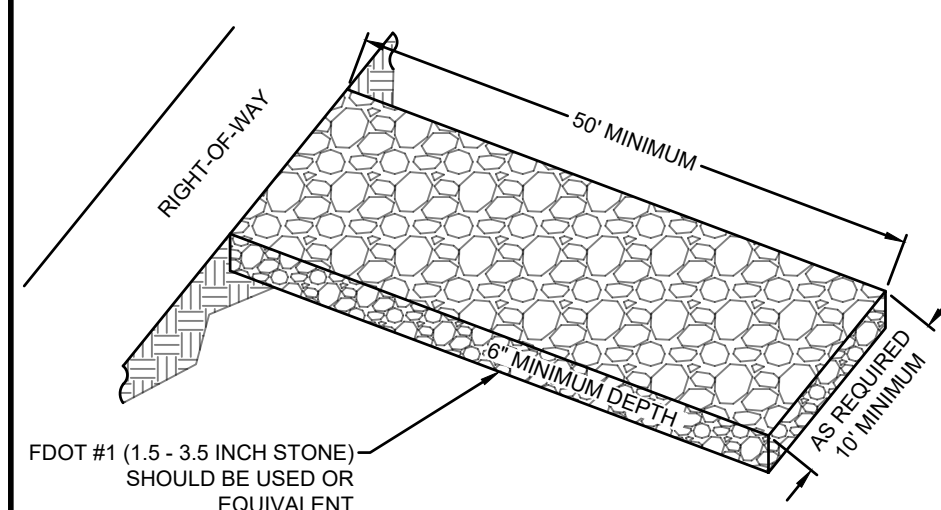
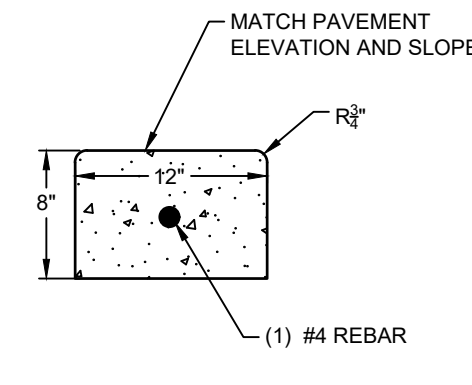
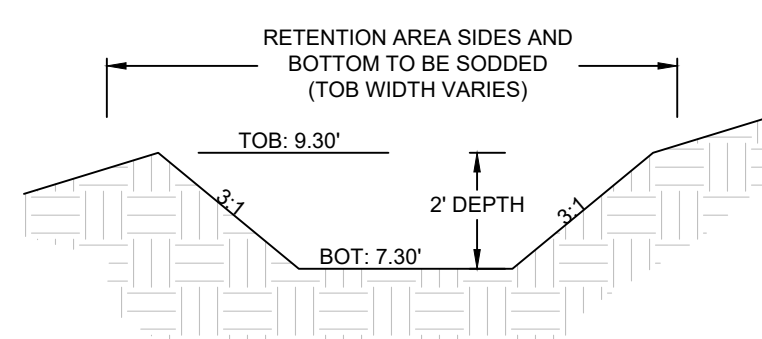
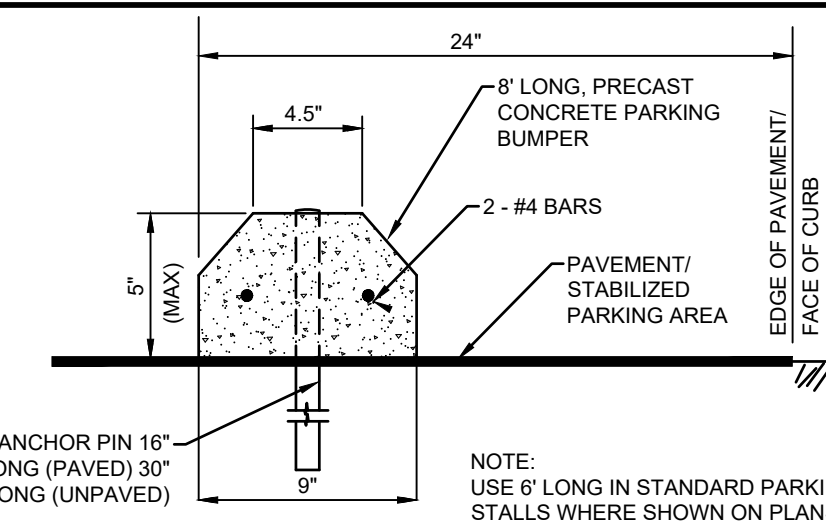
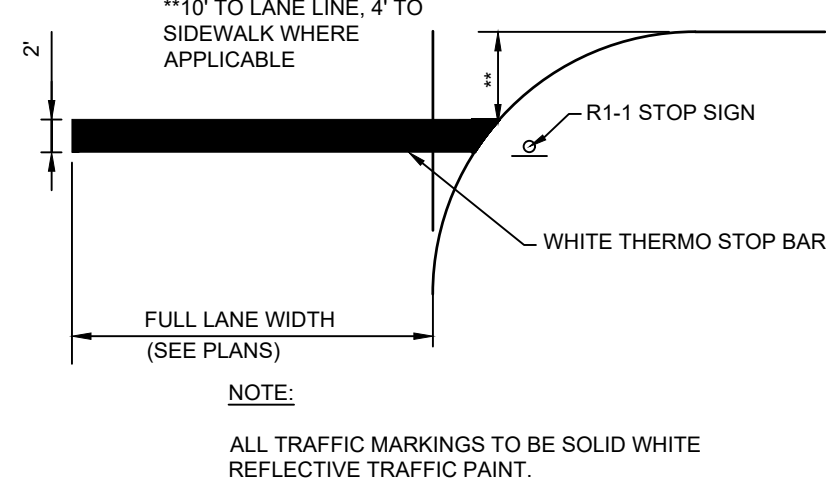
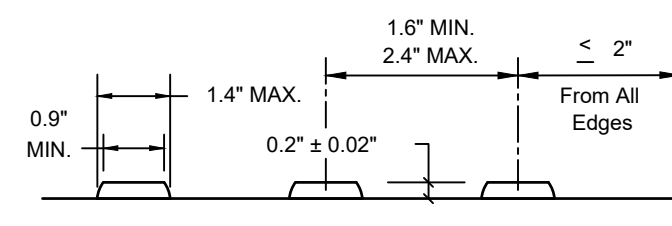
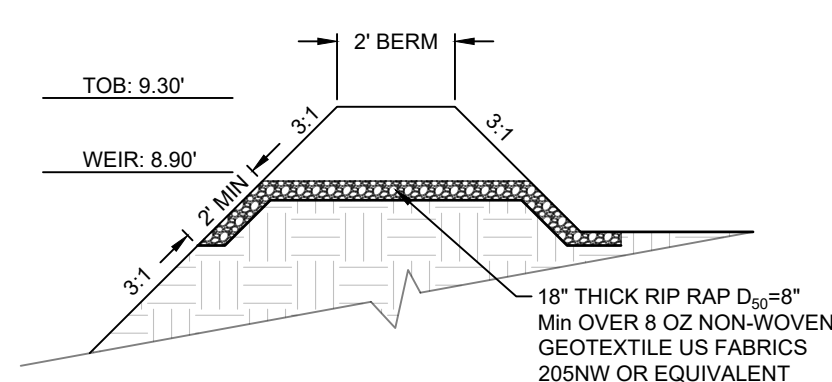
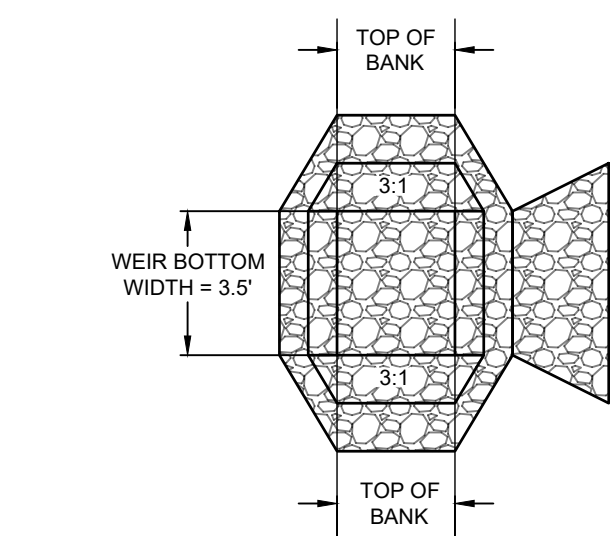
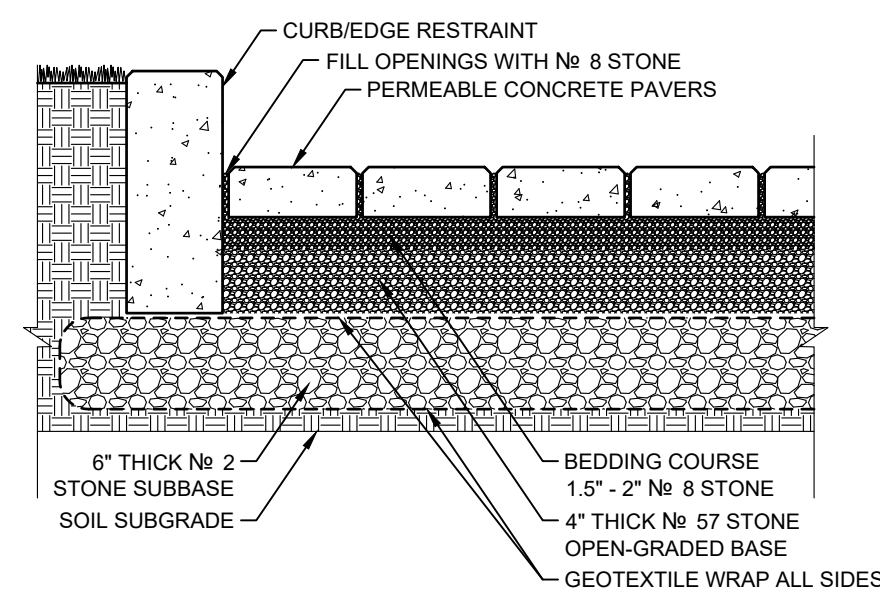
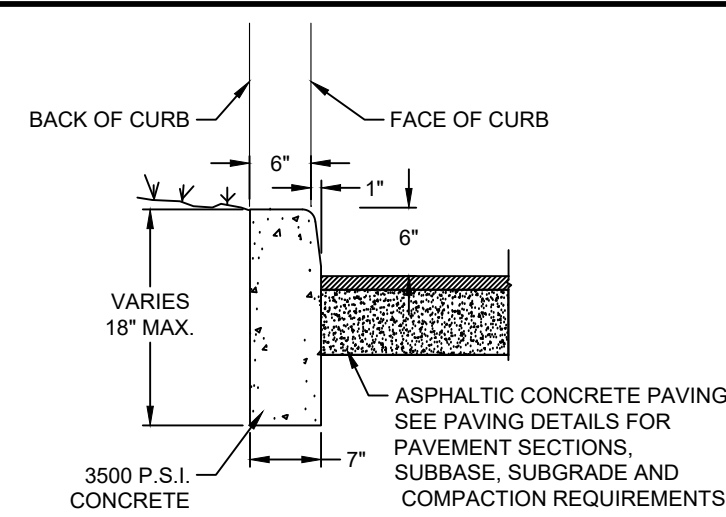
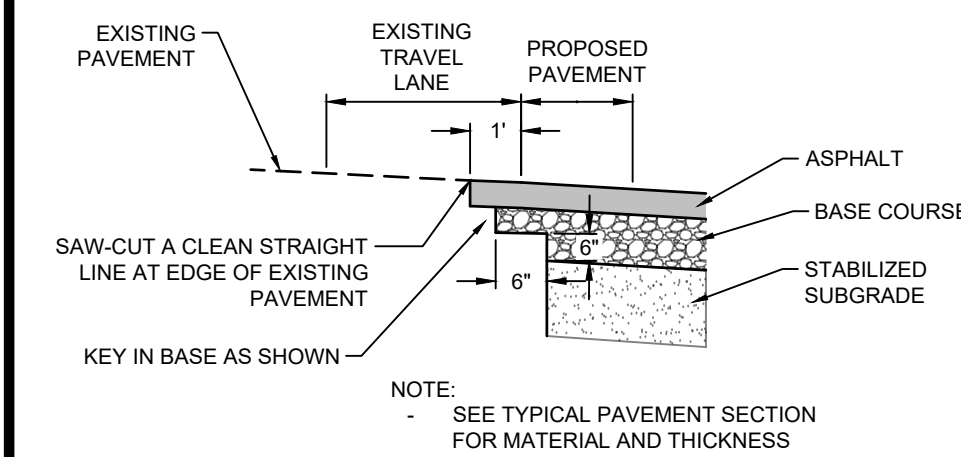
TOTAL PROJECT AREA	21,735 SF	0.50 AC
EXISTING BUILDING	4,980 SF	
PROPOSED OVERHANG	2,582 SF	
PROPOSED PAVEMENT	305 SF	
PROPOSED CONCRETE	803 SF	
TOTAL IMPERVIOUS AREA	8,670 SF	
TOTAL PERVIOUS AREA	13,065 SF	
TOTAL IMPERVIOUS %	40%	
TOTAL PERVIOUS %	60%	
OPEN SPACE	13,065 SF	
FLOOR AREA	2,582 SF	
FLOOR AREA RATIO (FAR)	12%	
ZONING	NR-1	
PARCEL NUMBER(S)	177490-0000	
FLOOD ZONE	X	

PARKING CALCULATIONS

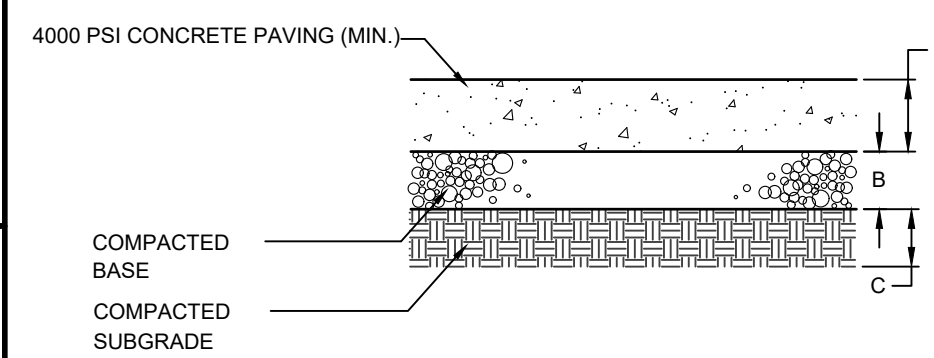
GROSS FLOOR AREA	=	1 SPACE PER	250 SF
GROSS FLOOR AREA	=	4,980 SF	20 SPACES
TOTAL REQUIRED	=	20 SPACES	
TOTAL PROVIDED	=	24 SPACES	
ADA REQUIRED	=	1 SPACES	
ADA PROVIDED	=	2 SPACES	

MAVERICK ENGINEERING
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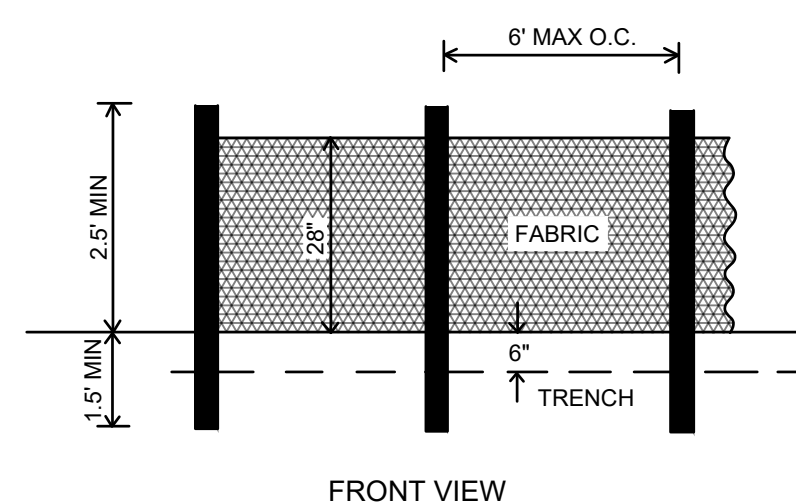
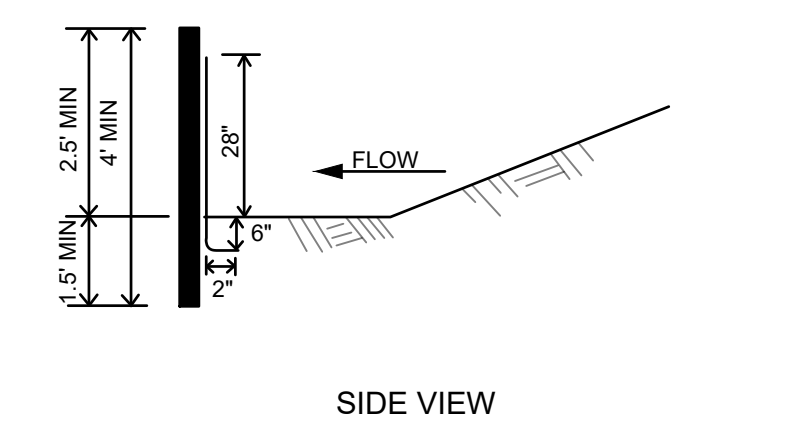
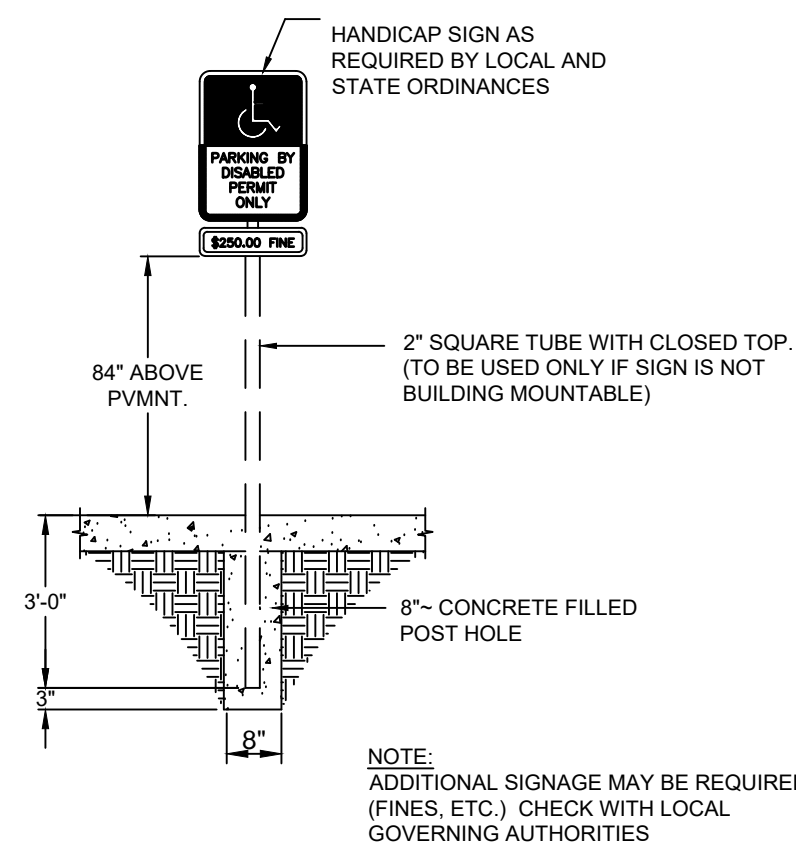
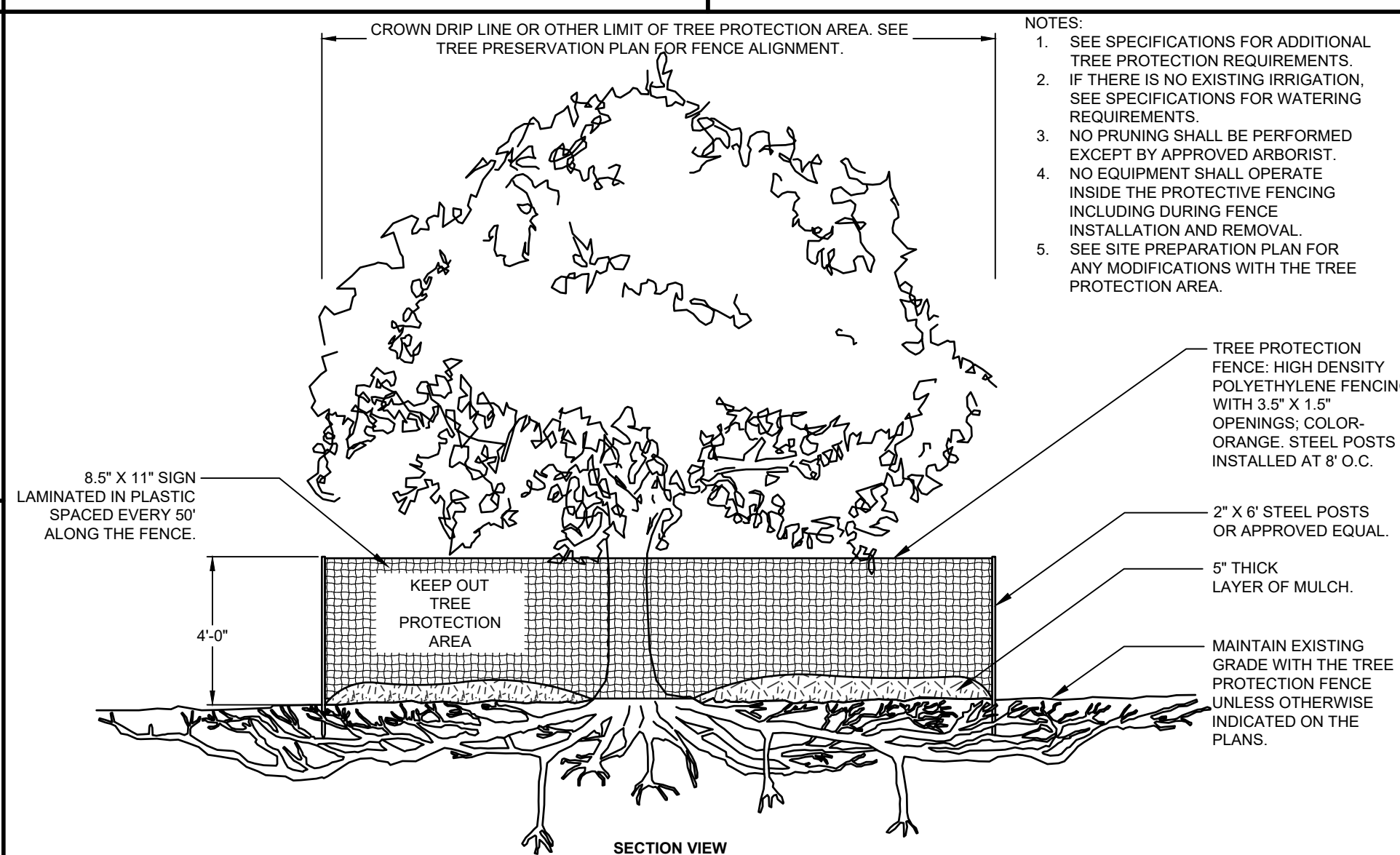
REVISIONS	
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3	12/09/2021
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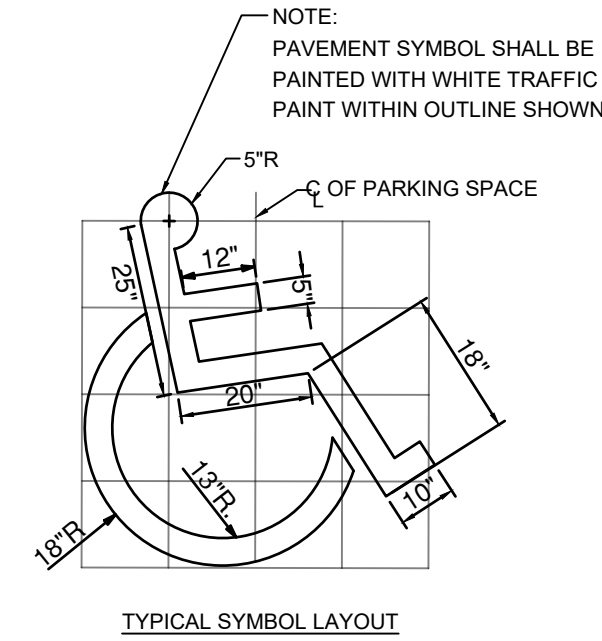
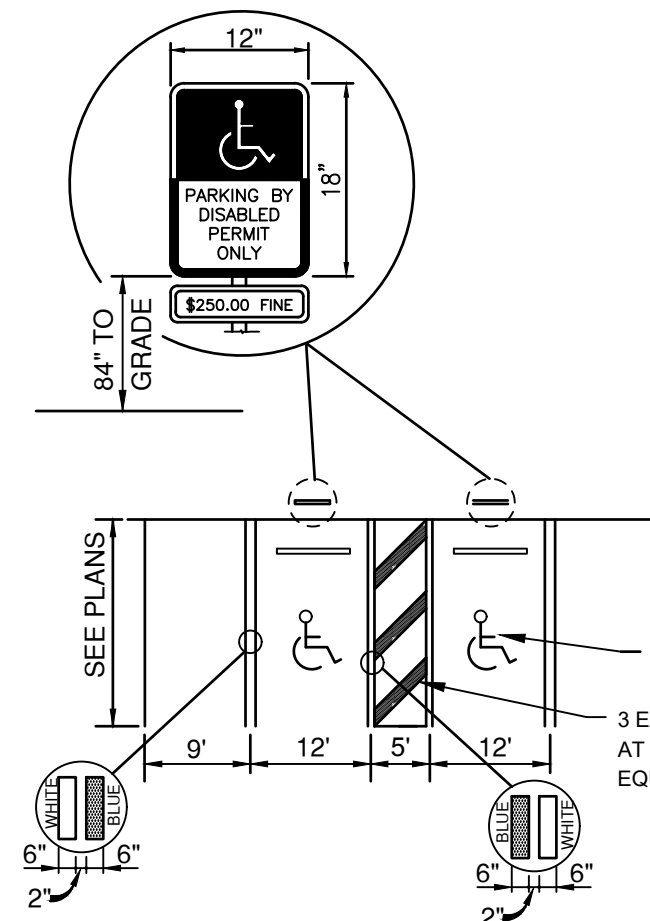
DIMENSION & TYPE			
CONCRETE SECTION	A	B	C
PARKING AREAS	5"	N/A	SEE NOTE 1
LOADING/DUMPS/TER/DRIVEWAYS	6"	N/A	SEE NOTE 1
PERVIOUS PAVEMENT	6"	N/A	SEE NOTE 2



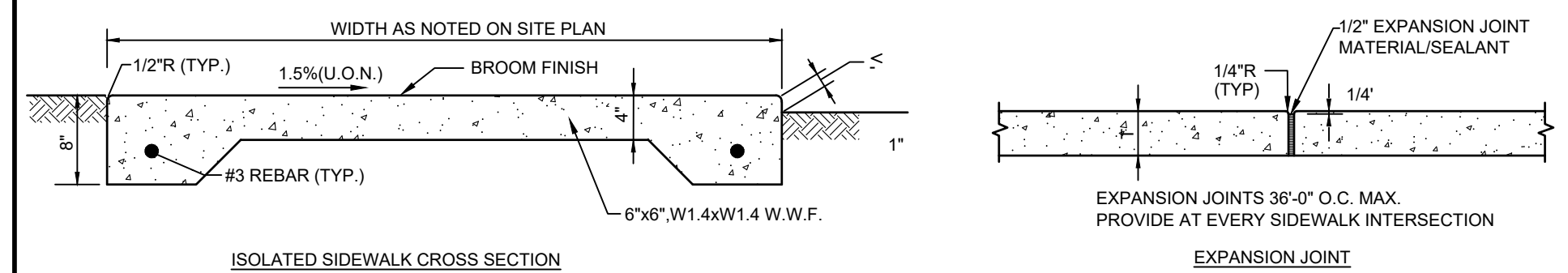
- NOTES:**
1. COMPACTED BASE/SUBGRADE SHOULD BE AS SPECIFIED IN GEOTECHNICAL REPORT.
 2. SEE PORTLAND CEMENT PERVIOUS CONCRETE SPECS BY FCP
SEE FDOT AND AMERICAN CONCRETE INSTITUTE (ACI) FOR ALL
OTHER CONCRETE REQUIREMENTS.
 3. SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.



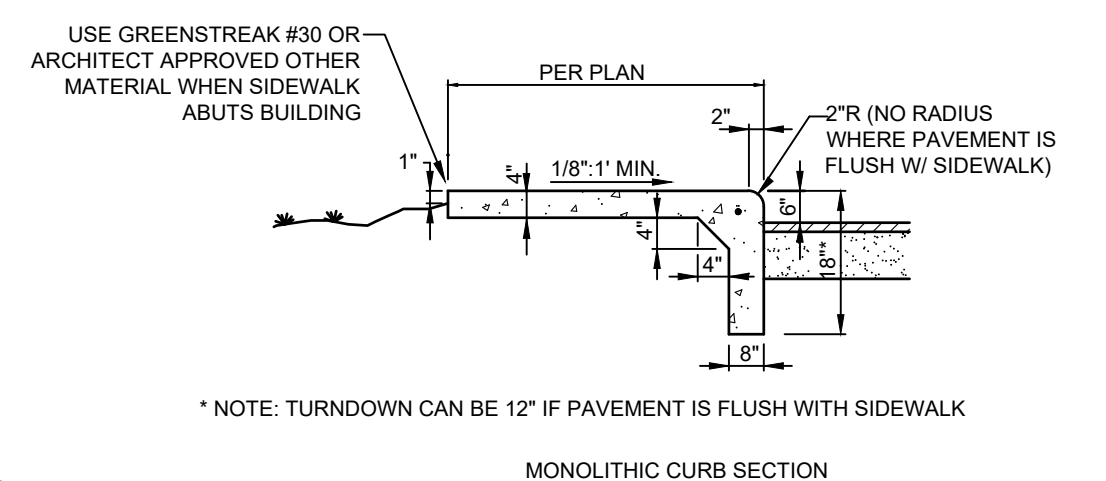
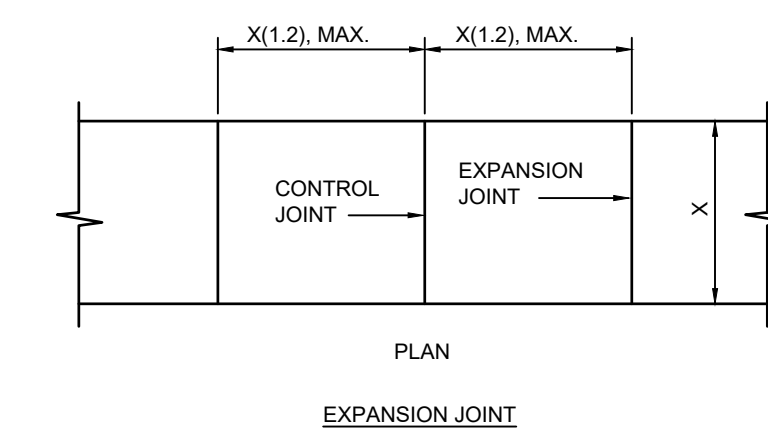
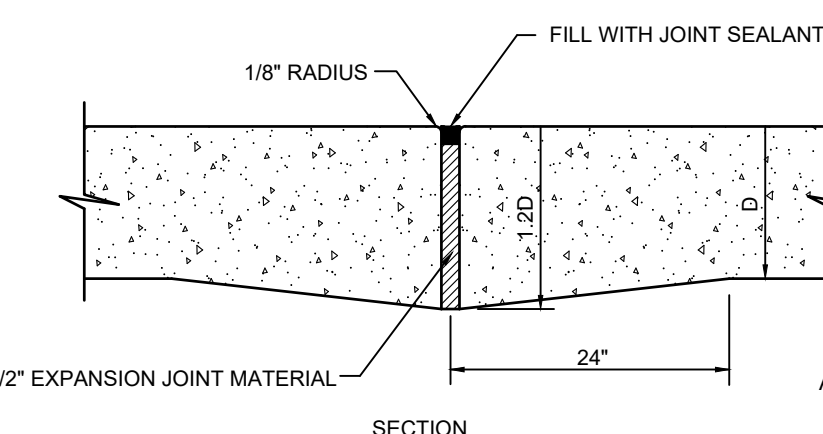
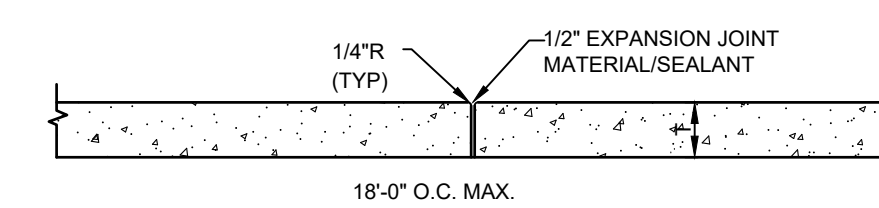
- NOTE:
USE 36" FDOT APPROVED FABRIC
USE WOOD OR STEEL POSTS



- NOTES:
1. EACH SUCH PARKING SPACE SHALL BE CONSPICUOUSLY OUTLINED IN BLUE PAINT, AND SHALL BE POSTED AND MAINTAINED WITH A PERMANENT, ABOVE-GRADE SIGN IDENTIFYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY OR THE CAPTION "PARKING BY DISABLED PERMIT ONLY," OR BEARING BOTH SUCH SYMBOL AND CAPTION. SUCH SIGNS SHALL NOT BE OBTURED BY A VEHICLE PARKED IN THE SPACE. ALL HANDICAPPED PARKING SPACES MUST BE DESIGNED AND MARKED IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE LATEST FLORIDA BUILDING CODE, SECT. 11-4.
 2. WITHIN THE HANDICAP PARKING SPACES AND ACCESS AISLE, SURFACE SLOPES SHALL NOT EXCEED 2 PERCENT IN ANY DIRECTION.



- NOTES:
1. WHERE SIDEWALK ABUTS BUILDING, SEPARATE W/ A 1/2" PREMOLDED MASTIC STRIP CONTINUOUS.
 2. LONGITUDINAL WALK SLOPE VARIES, SEE PLAN SIDEWALK IN CITY R-O. SHALL BE FIBER REINFORCED CONCRETE AS WWF IS NOT ALLOWED IN THE R-O-W.



- NOTES:**
1. SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE, CLASS NON-STRESS (NS), AND ALL METHODS OF CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDING TO THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE STANDARD SPECIFICATIONS.
 2. EXPANSION JOINTS SHALL ALSO BE APPLIED AT ALL SIDEWALK INTERSECTIONS.
 3. SEE PLANS FOR LOCATION OF DETECTABLE WARNINGS.
 4. CONCRETE FOR SIDEWALKS SHALL BE 3,000 PSI MINIMUM, 5" MAX. SLUMP.

STORM WATER POLLUTION PREVENTION PLAN

OWNER'S REQUIREMENTS

SITE DESCRIPTION

PROJECT NAME AND LOCATION:
NEPTUNE BEACH SENIOR COMMUNITY CENTER
2010 FOREST AVENUE
NEPTUNE BEACH, FL 32266
OWNER NAME AND ADDRESS:
CITY OF NEPTUNE BEACH
116 FIRST STREET
NEPTUNE BEACH, FL 32266

DESCRIPTION:

PARKING AND SIDEWALK RENOVATIONS FOR EXISTING 4980 SF± BUILDING

SOIL DISTURBING ACTIVITIES WILL INCLUDE:

TREE CLEARING; EARTHWORK, PAVEMENT AND GRADING, AND PREPARATION FOR FINAL PLANTING AND SEEDING.

RUNOFF CURVE NUMBERS:

1. PRE-CONSTRUCTION = ##
2. DURING CONSTRUCTION = ##
3. POST-CONSTRUCTION = ##

SOILS:

*SEE GEOTECHNICAL REPORT FOR SOILS DATA

SITE MAPS:

*SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.

*SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS
*SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.

SITE AREA:

1. TOTAL AREA OF SITE = 0.50 ACRE
2. TOTAL AREA TO BE DISTURBED = ###.## ACRE

NAME OF RECEIVING WATERS: ONSITE CONVEYANCE DITCH

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY (DESCRIPTION):

ON-SITE COLLECTION SYSTEM DISCHARGING TO ON-SITE CONVEYANCE SWALE.

FOR THE PROJECT, AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE. WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF ###.## ACRES WILL HAVE BEEN REGRADED. ###.## ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO AN ON-SITE CONVEYANCE DITCH. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT CONVEYANCE DITCH.

TIMING OF CONTROLS/MEASURES

REFER TO "CONTRACTOR'S REQUIREMENTS" FOR THE TIMING OF CONTROL MEASURES.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.

D.E.R. DREDGE/FILL PERMIT # _____
C.O.E. DREDGE/FILL PERMIT # _____
S.J.R.W.M.D. ENVIRONMENTAL RESOURCE PERMIT # _____

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: _____

DATED: _____

CONTRACTOR'S REQUIREMENTS

GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION, THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION, THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

SEQUENCE OF MAJOR ACTIVITIES:

THE GENERAL ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

- | | |
|--|---|
| 1. INSTALL STABILIZED CURBS & GUTTER | 9. INSTALL UTILITIES, STORM SEWER. |
| 2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED | 10. APPLY BASE TO PAVED AREAS |
| 3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN | 11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING |
| 4. CONSTRUCT SEDIMENTATION BASIN | 12. COMPLETE FINAL PAVING |
| 5. CONTINUE CLEARING AND GRUBBING | 13. REMOVE ACCUMULATED SEDIMENT FROM BASINS |
| 6. STOCK PILE TOP SOIL, IF REQUIRED | 14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED |
| 7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED | |
| 8. STABILIZE DENUEDED AREAS AND STOCKPILE AS SOON AS PRACTICABLE | |

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKES/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

CONTROLS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROL/ STABILIZATION PRACTICES

1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.
REFER TO CITY STANDARD DETAIL D-913 FOR CONSTRUCTING THE HAY BALE BARRIER. ALSO REFER TO D-901, D-911 AND D-12 FOR PROPER LOCATION, MATERIAL & USAGE.
2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
REFER TO CITY STANDARD DETAIL D-910 FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.
3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE

CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO CITY STANDARD DETAIL D-914.

5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LOADED STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
8. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.
9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.
10. TEMPORARY GRASSING: THE SEEDDED OR SEEDDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.
11. TEMPORARY REGRESSING : IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDDED AND MULCHED OR SODDED.

STRUCTURAL PRACTICES

1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY, AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D-914.
2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:
A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. REFER TO D-902 FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER, AND D-904 FOR CONSTRUCTION OF A DROP INLET SEDIMENT FILTER.
B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS. REFER TO D-903 FOR CONSTRUCTION OF CURB INLET & DROP SEDIMENT TRAP.
C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS. REFER TO D-905 FOR CONSTRUCTION OF HAY BALE & FABRIC SEDIMENT FILTER.
3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.
4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME. THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.

THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

OTHER CONTROLS

WASTE DISPOSAL

WASTE MATERIALS

ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

- | | | |
|-------------------------------------|---|--|
| ☐ Concrete | ☐ Fertilizers | ☐ Wood |
| ☐ Asphalt | ☐ Petroleum Based Products | ☐ Masonry Blocks |
| ☐ Tar | ☐ Cleaning Solvents | ☐ Roofing Materials |
| ☐ Detergents | ☐ Paints | ☐ Metal Studs |
| ☐ _____ | ☐ _____ | ☐ _____ |

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

* MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

* NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUEDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

* ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER.

* ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

* BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

* SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT. TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

* THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.

* DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.

* TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

* A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.

* THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

* PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

* WATER FROM WATER LINE FLUSHING

* PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

* UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

RESPONSIBLE FOR/DUTIES	#	DATE	DESCRIPTION
BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	1	1/28/2022	REVIEWED PER CLIENT COMMENTS
	2	4/18/2022	REVIEWED PER SJRWMD COMMENTS
	---	---	---
	---	---	---
	---	---	---
SIGNATURE	---	---	---
	---	---	---
	---	---	---
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	---	---	---

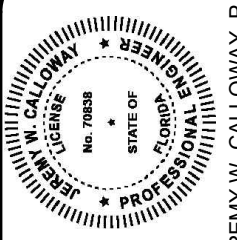
SWPPP DETAILS

NEPTUNE BEACH SENIOR COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

PREPARED FOR:
CITY OF NEPTUNE BEACH

8

OF 9



MAVERICK ENGINEERING
10 WILLOW WINDS PARKWAY
ST. JOHNS, FLORIDA 32259
(904) 655-6687



DATE	DESCRIPTION
1/28/2022	REVIEWED PER CLIENT COMMENTS
4/18/2022	REVIEWED PER SJRWMD COMMENTS
---	---
---	---
---	---

DRAWING BY: PET	#
DESIGN BY: PET	1
CHECKED BY: JWC	2
DATE: 12/09/2021	---
PROJECT #: 2116	---

PROJECT: NEPTUNE BEACH SENIOR COMMUNITY CENTER

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.25 INCHES OR MORE

INSPECTOR: _____ DATE: _____

INSPECTOR'S QUALIFICATIONS:

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL _____ INCHES

STABILIZATION MEASURES

INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED ? (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 1 OF 4

PROJECT: NEPTUNE BEACH SENIOR COMMUNITY CENTER

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
SEDIMENT BASIN

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

OTHER CONTROLS
STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 3 OF 4

PROJECT: NEPTUNE BEACH SENIOR COMMUNITY CENTER

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

STRUCTURAL CONTROLS

DATE: _____

EARTH DIKES/SWALES

DIKE OR SWALE	FROM	TO	IS DIKE/SWALE STABILIZED ?	IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING

MAINTENANCE REQUIRED FOR EARTH DIKE/SWALE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

CATCH BASIN/CURB INLET/OUTFALL TURBIDITY CONTROLS

STRUCTURE/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE	ANY EVIDENCE OF CLOGGING/WASHOUT OR BYPASSING ?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING	DOES SILT NEED TO BE REMOVED FROM AROUND CONTROL

MAINTENANCE REQUIRED FOR CATCH BASIN/CURB INLETS/OUTFALLS TURBIDITY CONTROLS:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 2 OF 4

PROJECT: NEPTUNE BEACH SENIOR COMMUNITY CENTER

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL
ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN
ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED
PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION
SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO
MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR
GATHERING THE INFORMATION, THE INFORMATION
SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE,
ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT
PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE
POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____

DATE: _____

NOTE TO CONTRACTOR:

PAGE 4 OF 4

THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES.

MAVERICK ENGINEERING
10 WILLOW WINDS PARKWAY
ST. JOHNS, FLORIDA 32259
(904) 655-6687



CONTRACTOR CERTIFICATION

NEPTUNE BEACH SENIOR COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA
PREPARED FOR:
CITY OF NEPTUNE BEACH

9
OF 9

DRAWING BY: PET
DESIGN BY: PET
CHECKED BY: JWC
DATE: 12/09/2021
PROJECT #: 2116

REVISIONS

#	DATE	DESCRIPTION
1	1/28/2022	REVISED PER CLIENT COMMENTS
2	4/18/2022	REVISED PER SJRWMD COMMENTS

JEFFREY W. CALLOWAY, P.E.
CA#454646 PEF 70938

BUILDING FOOTAGE INFORMATION

NEW DECK _____ 1,614 Sq. Ft.
NEW H.C. RAMPS _____ 414 Sq. Ft.

TYPE OF CONSTRUCTION

TYPE VB
PROJECT IS LOCATED EAST OF I-95 WIND-BORNE DEBRIS PROTECTION IS REQUIRED

WIND ZONE INFORMATION

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH, & MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 1th EDITION

1. BASIC WIND SPEED (3 SECOND GUSTS) _____ 130 M.P.H.
2. WIND IMPORTANCE FACTOR _____ 1.0
3. WIND EXPOSURE CATEGORY _____ B
4. INTERNAL PRESSURE COEFFICIENT _____ +.18 OR -.18
5. COMPONENT & CLADDING WIND LOADS _____ Lbs./Sq.Ft.

HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENTS = 1.00

EFFECTIVE WIND AREA Ft. Sq.									
		10		20		50		100	
ROOF									
1	105	-25.9	100	-25.2	100	-24.4	100	-23.1	
243	105	-43.5	100	-38.8	100	-32.7	100	-28.1	
WALL									
4	25.9	-28.1	24.7	-26.9	23.2	-25.4	22.0	-24.2	
5	25.9	-34.7	24.7	-32.4	23.2	-29.3	22.0	-26.9	
ROOF OVERHANG		10		20		50		100	



Date:	4.27.22
Scale:	AS NOTED
Drawn:	MURPHY
File:	NEPTUNE

SHEET

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

LES THOMAS
A R C H I T E C T
32 CORDOVA ST., ST. AUGUSTINE, FLORIDA 324-9508



Front Elevation
1/4" = 1'-0" North



Right Elevation
1/4" = 1'-0" East

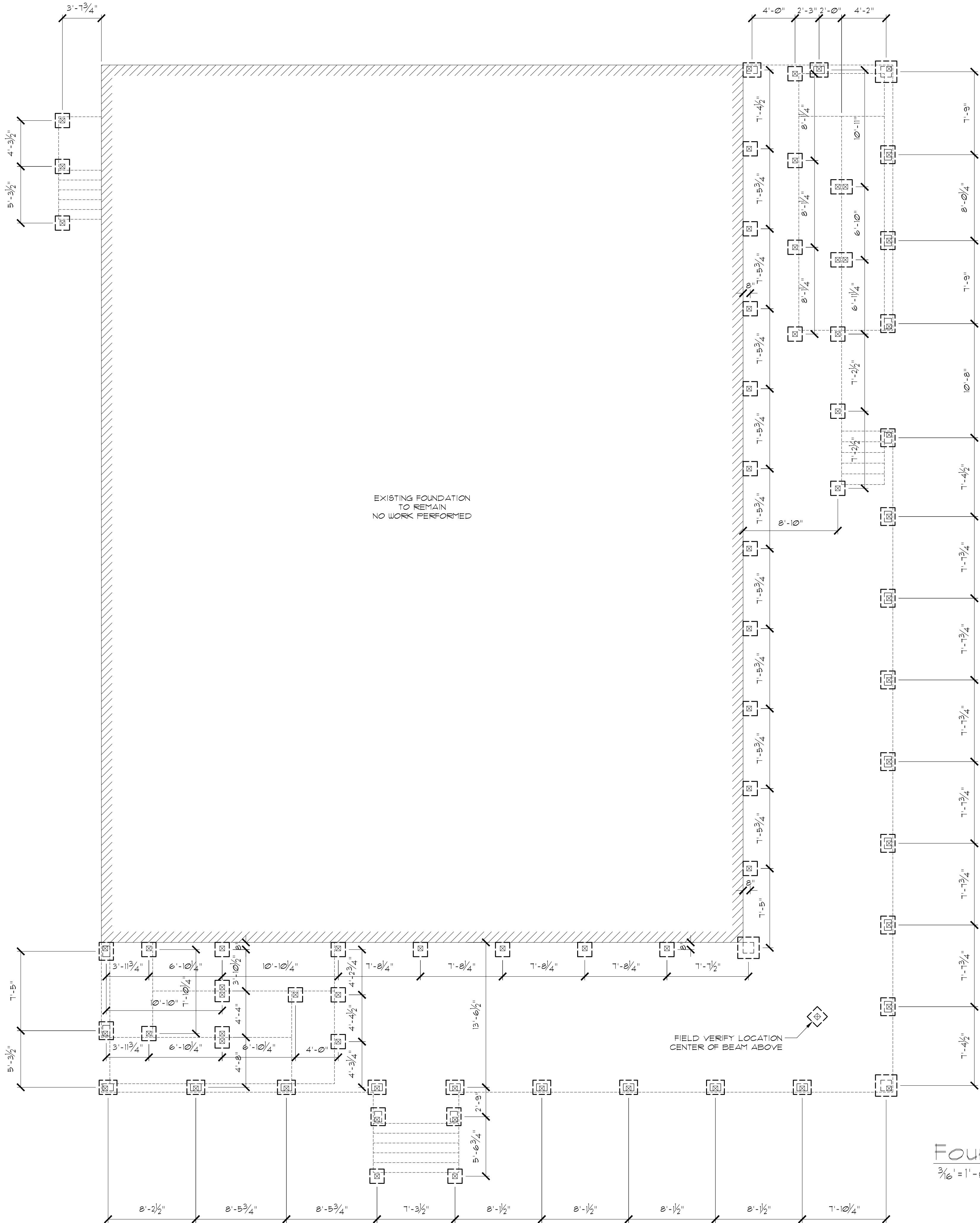
NOTE:
ELEVATION DRAWINGS ARE INTENDED
FOR DESIGN PURPOSES ONLY.
CONTRACTOR/BUILDER
SHALL FIELD VERIFY
ALL DIMENSIONS AND CONDITIONS
PRIOR TO CONSTRUCTION.

LES THOMAS
ARCHITECT
32 CORDOVA ST., ST. AUGUSTINE, FLORIDA 824-9508

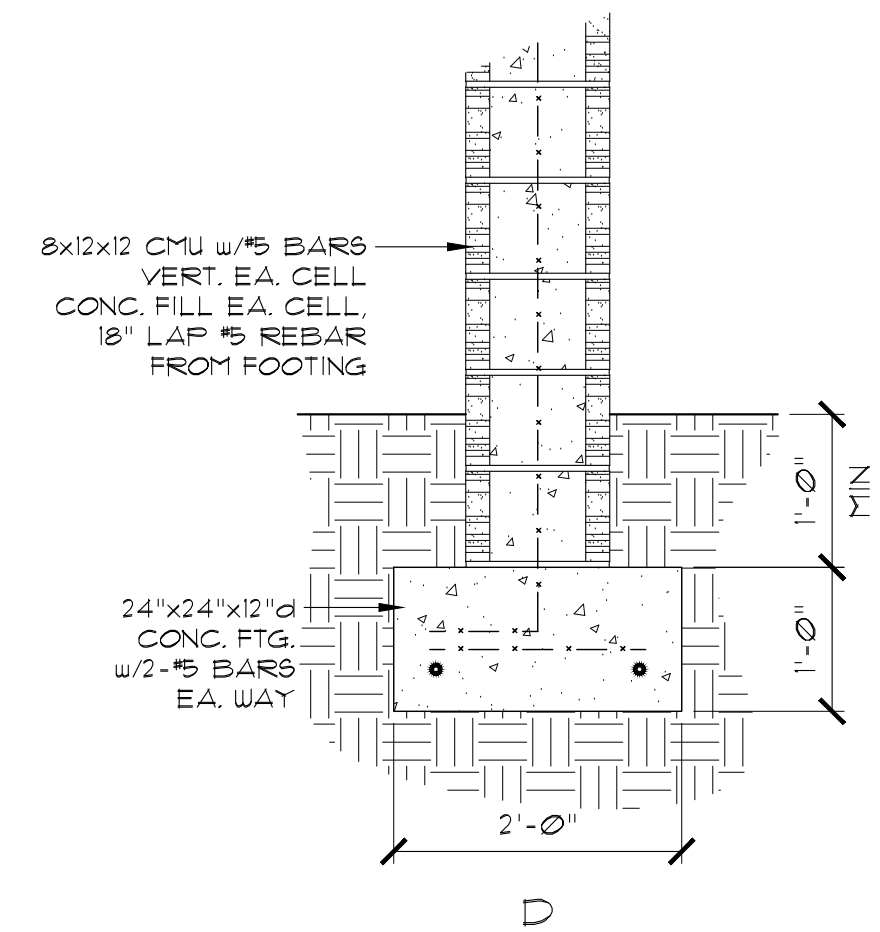
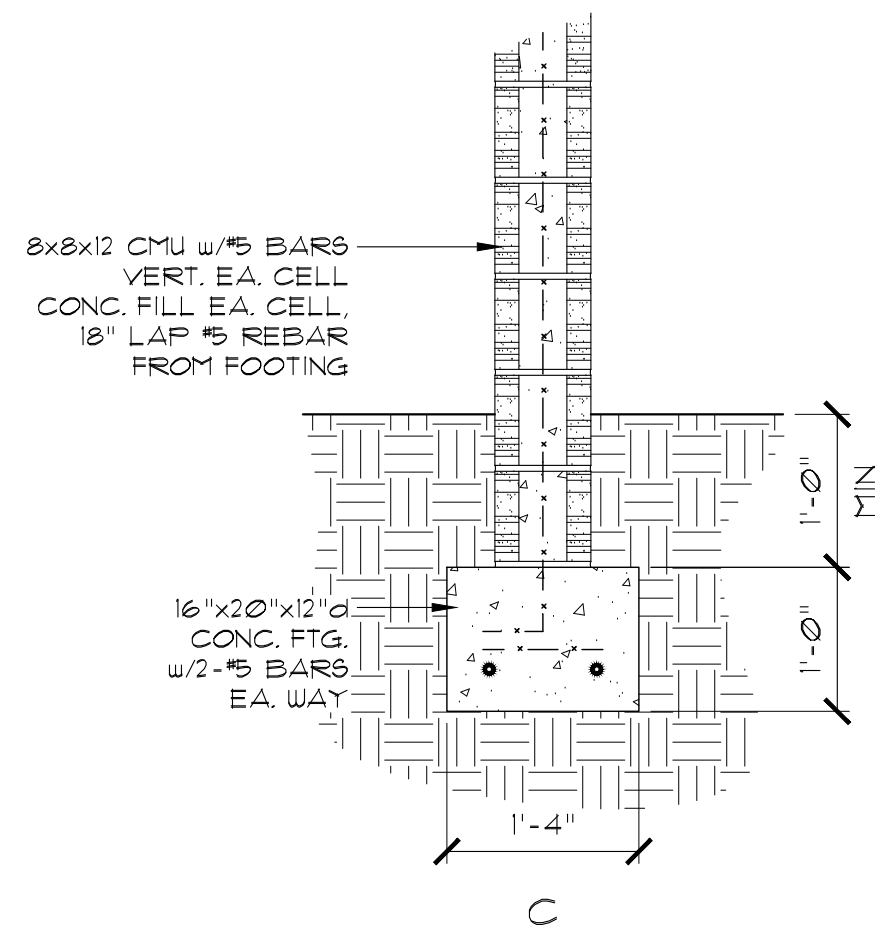
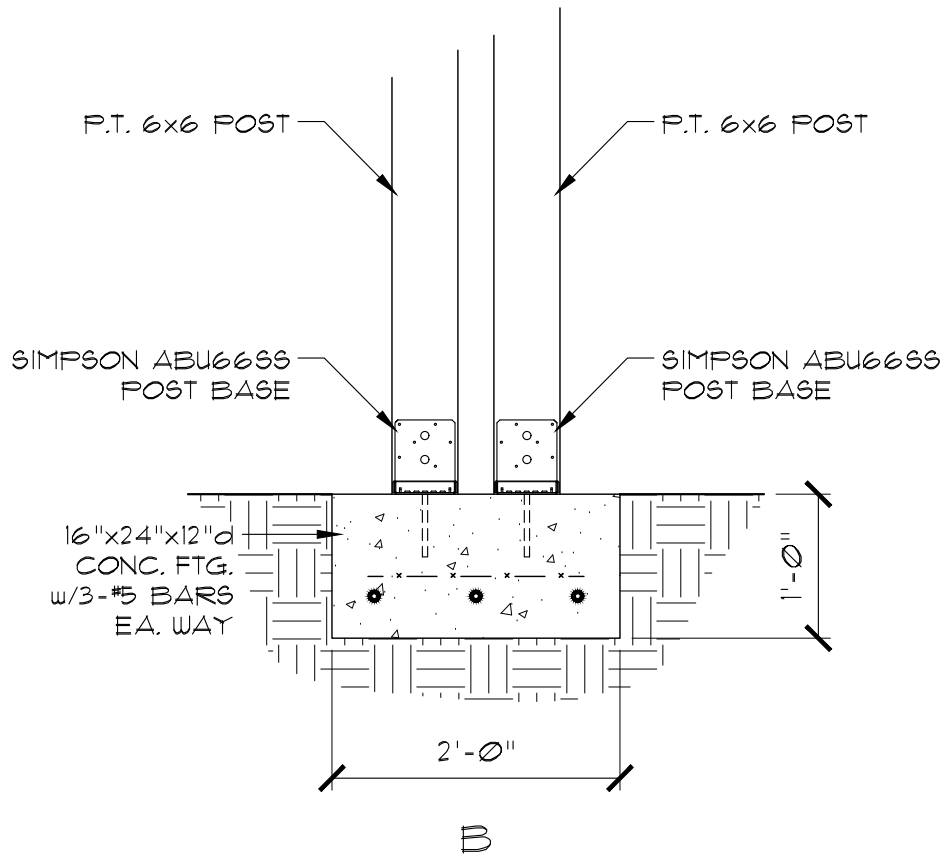
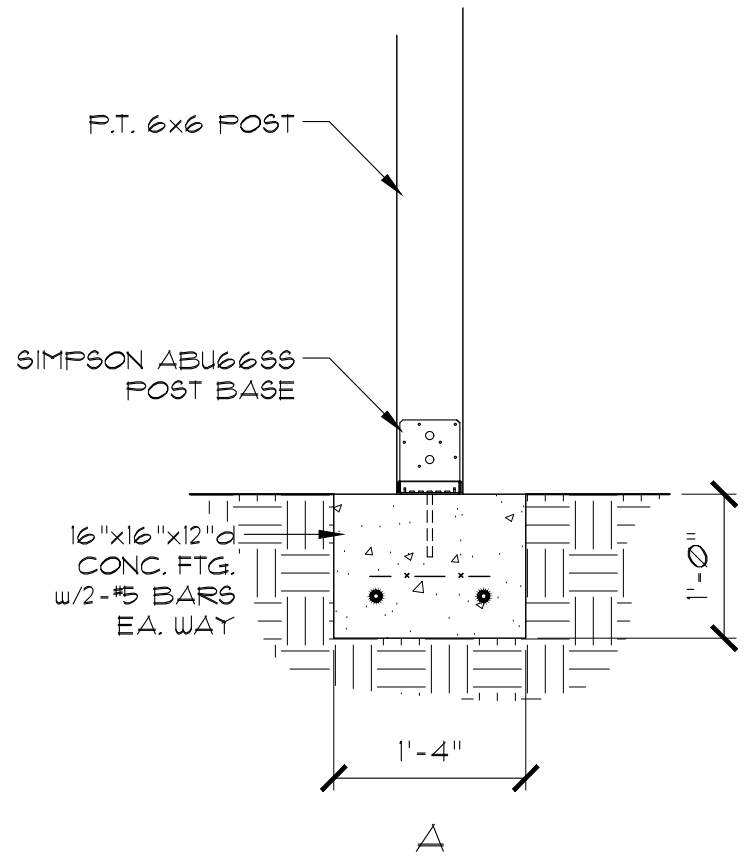
NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

Date: 4.27.22
Scale: AS NOTED
Drawn: MURPHY
File: NEPTUNE

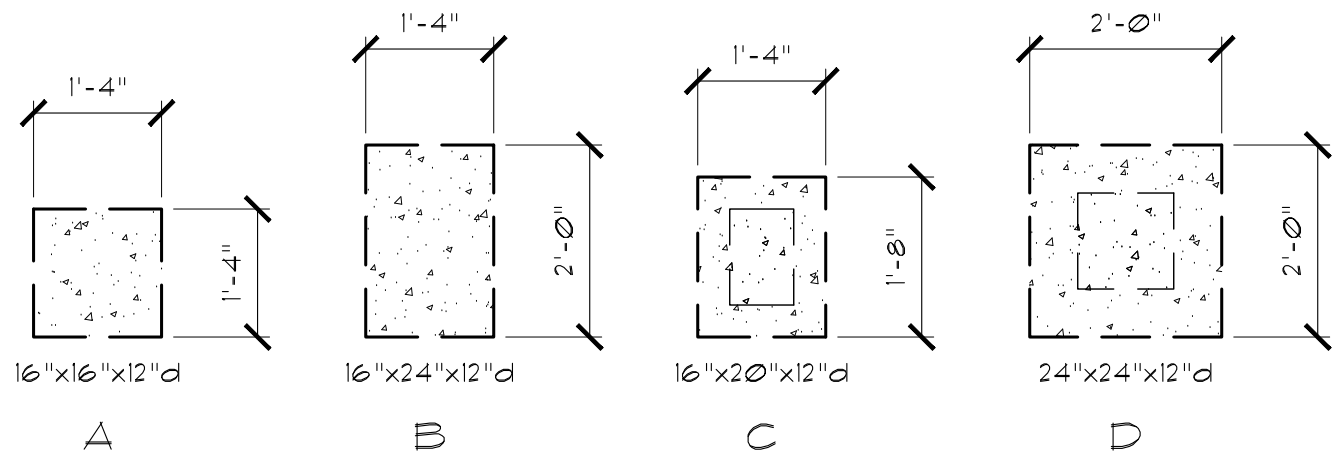
SHEET
A3



Foundation Plan
3/16" = 1'-0"



Foundation Details
1/2" = 1'-0"



Footing Types
1/2" = 1'-0"

NOTE:
CONTRACTOR/BUILDER
SHALL FIELD VERIFY
ALL DIMENSIONS AND CONDITIONS
PRIOR TO CONSTRUCTION.

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NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

Date: 4.27.22
Scale: AS NOTED
Drawn: MURPHY
File: NEPTUNE

SHEET
A4

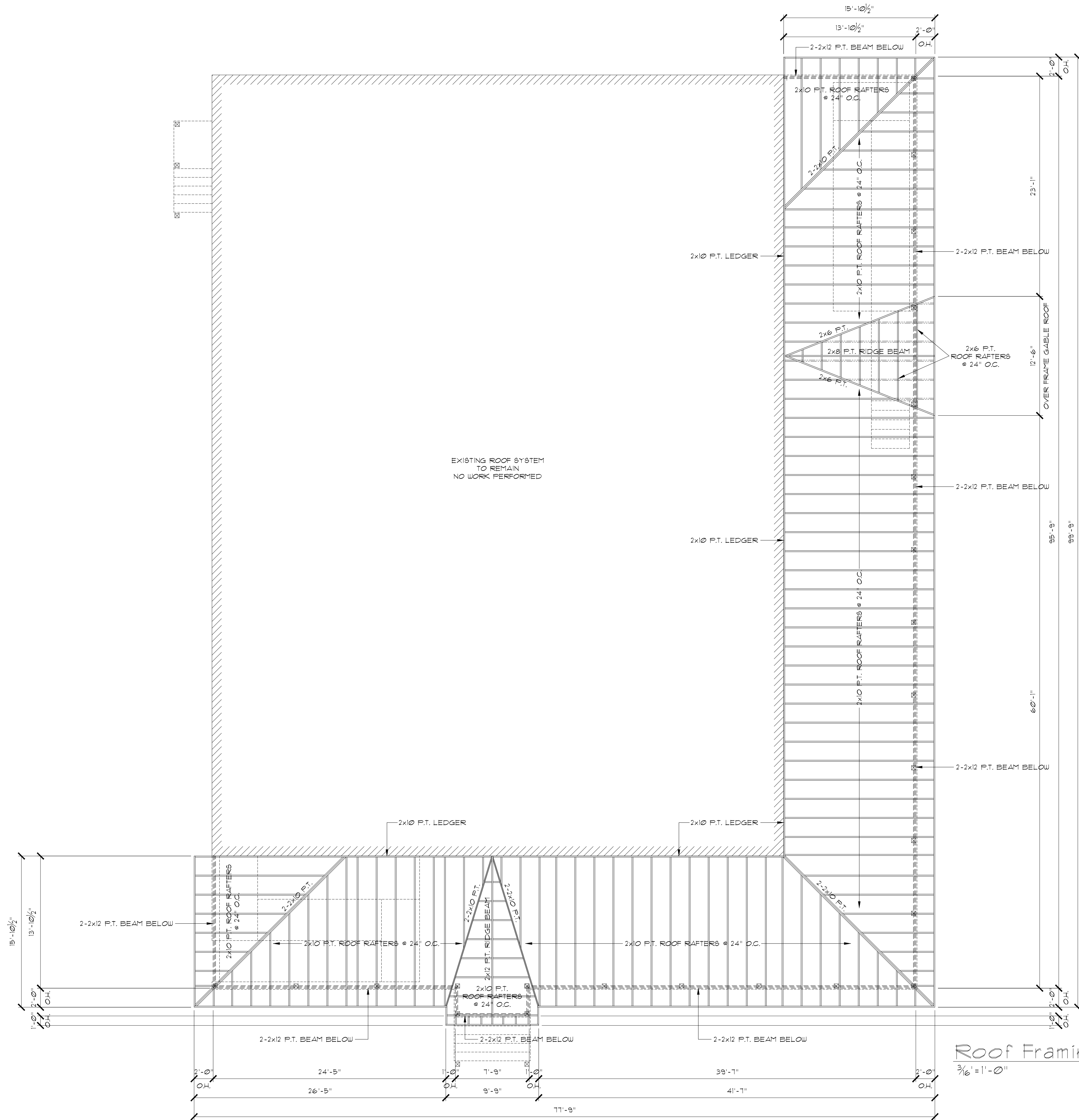


Date:	4.27.22
Scale:	AS NOTED
Drawn:	MURPHY
File:	NEPTUNE

SHEET

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

LES THOMAS
A R C H I T E C T
32 CORDOVA ST., ST. AUGUSTINE, FLORIDA 324-9508



Roof Framing Plan
3/16" = 1'-0"

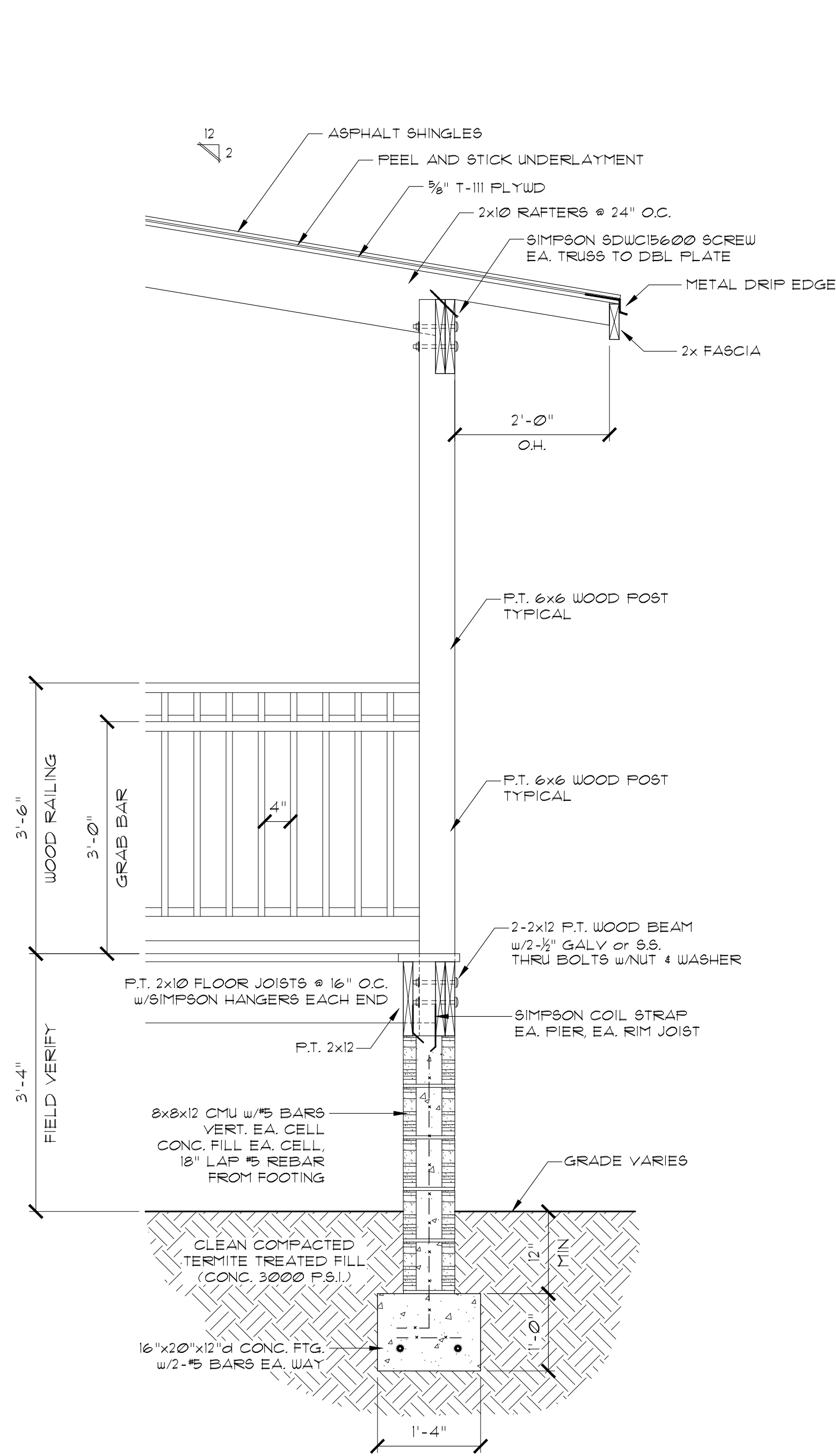
NOTE:
CONTRACTOR/BUILDER
SHALL FIELD VERIFY
ALL DIMENSIONS AND CONDITIONS
PRIOR TO CONSTRUCTION.

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

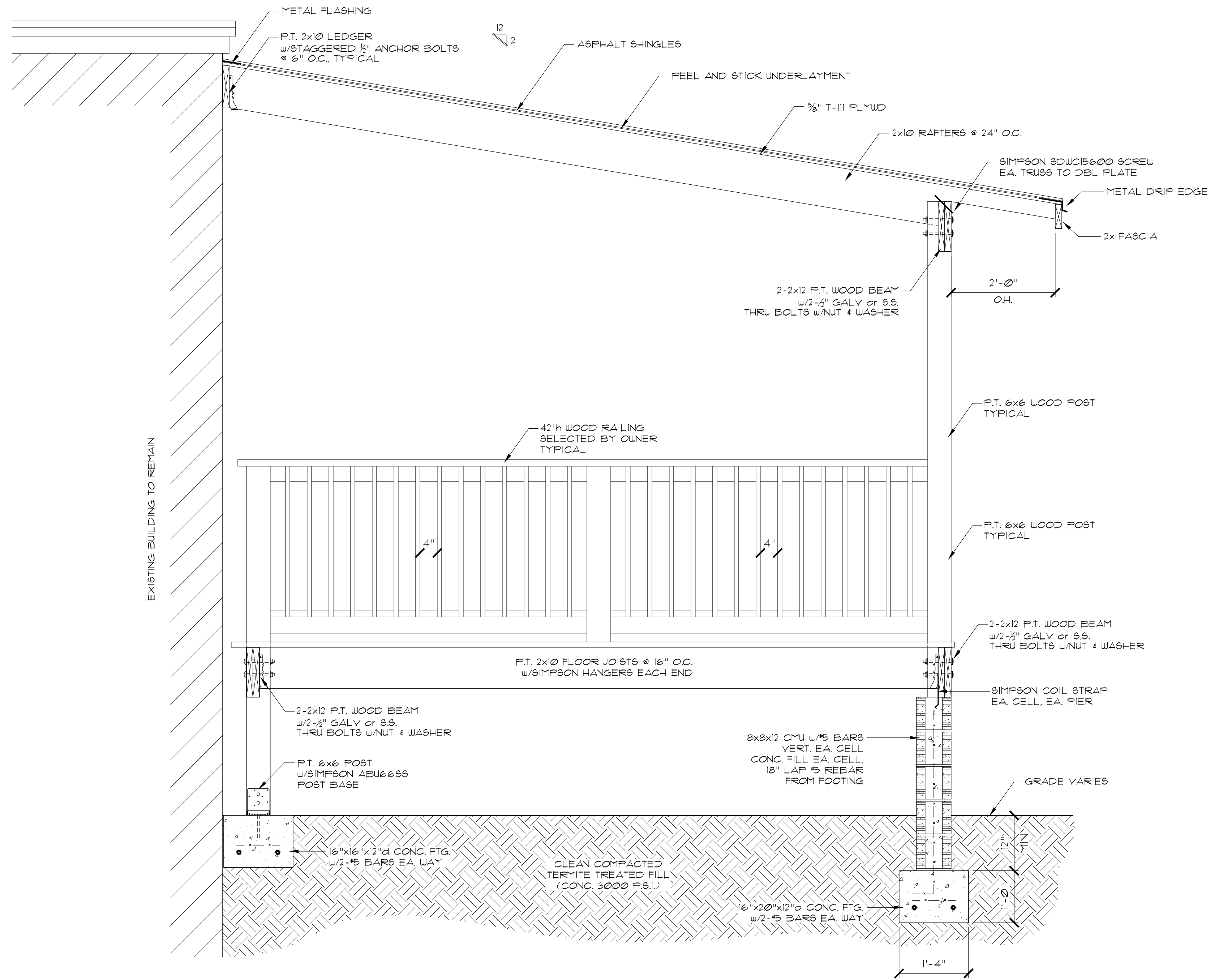
Date: 4.27.22
Scale: AS NOTED
Drawn: MURPHY
File: NEPTUNE

SHEET
A6

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Ramp Section
 $\frac{3}{4}" = 1' - 0"$



Typ Section
 $\frac{3}{4}" = 1' - 0"$

NOTE:
 CONTRACTOR/BUILDER
 SHALL FIELD VERIFY
 ALL DIMENSIONS AND CONDITIONS
 PRIOR TO CONSTRUCTION.

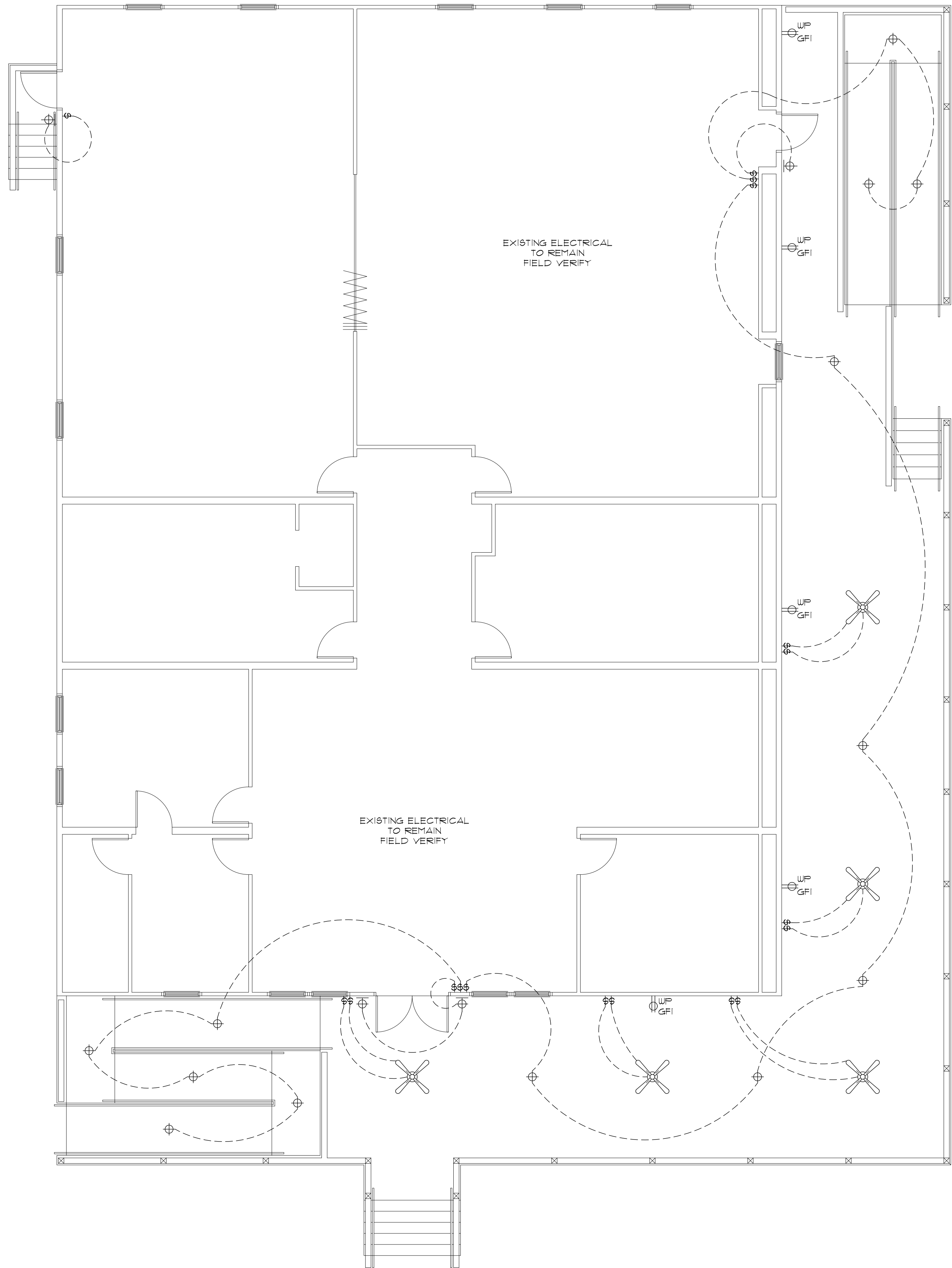
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NEW PORCH
 NEPTUNE BEACH COMMUNITY CENTER
 NEPTUNE BEACH, FLORIDA

Date: 4.27.22
 Scale: AS NOTED
 Drawn: MURPHY
 File: NEPTUNE

SHEET

A7



- Electrical Legend
- 120V WALL MOUNT DUPLEX RECEPTACLE
12" AFF. UNO.
 - WALL MTD LIGHT, SELECTED BY OWNER
 - CEILING MTD LIGHT, SELECTED BY OWNER
 - WALL MOUNTED SWITCH - 48" AFF. UNO
 - GFI w/ GROUND FAULT INTERRUPTER
 - WP WEATHER PROTECTED
 - CEILING MTD FAN WITH LIGHT, SELECTED BY OWNER

Electrical Plan
3/16" = 1'-0"

NEW PORCH
NEPTUNE BEACH COMMUNITY CENTER
NEPTUNE BEACH, FLORIDA

Date: 4.27.22
Scale: AS NOTED
Drawn: MURPHY
File: NEPTUNE

SHEET
A8

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ARCHITECT
32 CORDOVA ST., ST. AUGUSTINE, FLORIDA 824-9508



Agenda Item #9C
Senior Center

**CITY OF NEPTUNE BEACH
CITY COUNCIL MEETING
STAFF REPORT**

AGENDA ITEM:	Server replacement project								
SUBMITTED BY:	CIO Miklos Stoffel								
DATE:	April 28, 2022								
BACKGROUND:	The City of Neptune Beach has been implementing a new ERP system with Tyler technologies. The City's IT infrastructure has to be upgraded to be compatible with the new systems. The current Windows Server 2012 machines the domain controllers at the city hall, at the police station, at the public works and the SQL server at City Hall have been used since 2010 and they reached they end of life. Microsoft stops supporting them form Oct 10, 2023 which means that there won't be any security updates that would make the city's IT systems vulnerable and non compliant with the minimum security requirements. The police has to be compliant with all the federal and state requirements including CJIS (Criminal Justice Information System) and the FDLE (Florida Department of Law Enforcement). The city hall and public works has to be compliant with all the federal and local government, EPA and financial institutions requirements. To keep our city's data safe and to be compliant it is necessary to purchase four windows servers.								
BUDGET:	<table border="0"> <tr> <td>001-1112-512-60-64</td><td>\$6,000 (City Manager's Budget)</td></tr> <tr> <td>001-1112-512-60-64</td><td>\$12,200 (Police Department Budget)</td></tr> <tr> <td>001-1441-541-30-52</td><td>\$12,200 (Public Works W&S Admin. Budget)</td></tr> <tr> <td>001-1119-519-60-64</td><td>\$21,000 (Non-Departmental Budget, CM to transfer from 001-1119-519-30-46 and is ARPA eligible for Effective Service Delivery – Technology Infrastructure to improve access to and the user experience of government IT Systems)</td></tr> </table> <i>RECOMMENDATION:</i> 2nd Tranche of ARPA funding to replenish amounts used for Servers.	001-1112-512-60-64	\$6,000 (City Manager's Budget)	001-1112-512-60-64	\$12,200 (Police Department Budget)	001-1441-541-30-52	\$12,200 (Public Works W&S Admin. Budget)	001-1119-519-60-64	\$21,000 (Non-Departmental Budget, CM to transfer from 001-1119-519-30-46 and is ARPA eligible for Effective Service Delivery – Technology Infrastructure to improve access to and the user experience of government IT Systems)
001-1112-512-60-64	\$6,000 (City Manager's Budget)								
001-1112-512-60-64	\$12,200 (Police Department Budget)								
001-1441-541-30-52	\$12,200 (Public Works W&S Admin. Budget)								
001-1119-519-60-64	\$21,000 (Non-Departmental Budget, CM to transfer from 001-1119-519-30-46 and is ARPA eligible for Effective Service Delivery – Technology Infrastructure to improve access to and the user experience of government IT Systems)								
RECOMMENDATION:	Consider approval of four servers for upgrade to be compatible.								
ATTACHMENT:	Server prices and information								

3x R640 only Server \$12,064.25 = \$36,192.75
 1x R640 Server + SQL \$14,550.25 \$14,550.25

 \$ 50,743.00

Server and PC price quotes

Server Quotes							
SHI/Dell		SHI/HP		Dell		HP	
Dell PowerEdge R640	\$10,137.06	HPE ProLiant DL325	\$20,383.77	Dell PowerEdge R640	\$12,064.26	HPE ProLiant DL360	\$16,183.41
		HPE ProLiant DL360	\$13,700.29				
Server with SQL Quotes							
SHI/Dell		SHI/HP		Dell		HP	
Dell PowerEdge R640	\$12,474.40	HPE ProLiant DL360	\$14,344.82	Dell PowerEdge R640	\$14,550.25	HPE ProLiant DL360	
Dell PowerEdge R740	\$14,511.09						
PC Quotes							
SHI/Dell		SHI/HP		Dell		HP	
Dell OptiPlex 5090	\$1,004.07	HP Z2 G5 Workstation	1,128.45	OptiPlex 5090	\$1,095.49	HP Z2 G5 Workstation	\$1,132.56
		HP ProDesk 405 G6 AMD	\$674.50				

After reviewing the quotes my recommendation would be purchasing the Dell R640 servers and the Dell OptiPlex 5090 PCs from SHI.

See price quotes attached.

Vendor list:

SHI,

290 Davidson Avenue
Somerset, NJ 08873

Alejandro (Alex) Cortes

Phone: (732) 652-0307

Email: Alejandro_Cortes@SHI.com

Dell,

Dell Technologies | Infrastructure Solutions Group

Technical Sales Representative | Public - Florida

Direct: 512-513-9605

Email: Alan_fong@Dell.com

CDWG,

Kimani Smith

Account Representative | CDW•G

625 W. Adams St. | Chicago, IL 60661

Office: 312.705.8968

Fax: 312.705.7954

Email: Kimasmi@cdwg.com

Newegg Business

Azamat. A. Shah

Phone: (626) 271-1321 Ext:27267

Email: Azamat.A.Shah@neweggbusiness.com

Hewlett Packard,

Hunter Tubbs / **Servers**

SLED Inside Account Executive – Florida

HPE SLED Inside Sales Organization

Email: hunter.tubbs@hpe.com

Phone: 469.351.6782

Crystal Franks / **PCs**

Inside Sales Representative

MRA International

Phone: (732) 222-0997 Ext. 45 | Fax: (732) 229-8897 |

Email: c.franks@mrainternational.com |

Global Computer Sales,

Kaz Alidina

Email: kazim@globalcomputersales.com

Phone: (407) 634-4788

Server and PC replacement project for the City of Neptune Beach.

According to the government requirements to getting three price quotes with the same specifications I've requested proposals from the following companies:

SHI, Dell, HPe, HPi/MRA, CDWG, Newegg Business and CGS.

The exact list of the vendors and contacts is attached.

The proposals were requested with the below listed requirements:

Server specifications:

Intel chip

16 cores

16 GB RAM

2 TB hard drive

RAID 5

Windows server 2022 Standard 16 core license

Microsoft SQL Server 2019 16 core license

Installation / configuration service

Extended service agreement

PC specifications:

Windows 11 pro

6 core Intel processor

12 GB RAM

512 GB SSD drive

Dual monitor capable

Wi-Fi



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000107440722.3	Sales Rep	Alan Fong
Total	\$12,064.26	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Jan. 18, 2022	Billing To	ACCOUNTS PAYABLE
Expires by	Feb. 17, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		DETECTIVE ADAM MILITELLO
Contract Code	Equipment PA - State of FL		200 LEMON ST
Customer Agreement #	C000000010853		NEPTUNE BEACH, FL 32266-5117
Solution ID	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY	Standard Delivery
CITY OF NEPTUNE BEACH	
200 LEMON ST	
NEPTUNE BEACH, FL 32266-5117	
(904) 242-3435	

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 City Hall 1	\$12,064.26	1	\$12,064.26

Subtotal:	\$12,064.26
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$12,064.26
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
Total:	\$12,064.26

Shipping Group Details

Shipping To

MICHAEL KEY
CITY OF NEPTUNE BEACH
200 LEMON ST
NEPTUNE BEACH, FL 32266-5117
(904) 242-3435

Shipping Method

Standard Delivery

		Quantity	Subtotal
PowerEdge R640 City Hall 1	\$12,064.26	1	\$12,064.26

Estimated delivery if purchased today:

Feb. 07, 2022

Contract # C000000010853

Customer Agreement # MNWNC-108 / 43211500-WSCA-15-ACS

Description	SKU	Unit Price	Quantity	Subtotal
PowerEdge R640 Server	210-AKWU	-	1	-
PowerEdge R640 MLK Motherboard	329-BEIJ	-	1	-
Trusted Platform Module 2.0 V3	461-AAIM	-	1	-
2.5 Chassis with up to 8 Hard Drives and 3PCIe slots PERC/HBA11	321-BHBQ	-	1	-
PowerEdge R640 Shipping	340-BKNE	-	1	-
PowerEdge R640 x8 Drive Shipping Material	340-COPS	-	1	-
PowerEdge R640 CCC and BIS Marking, No CE Marking	389-DSVJ	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Additional Processor Selected	379-BDCO	-	1	-
DIMM Blanks for System with 2 Processors	370-ABWE	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
3200MT/s RDIMMs	370-AEVR	-	1	-
Performance Optimized	370-AAIP	-	1	-
RAID 5	780-BCDP	-	1	-
PERC H750 Adapter, Low Profile	405-ABCC	-	1	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	403-BCHI	-	1	-
Windows Server 2022 Standard,16CORE,FI,No Med,No CAL, Multi Language	634-BYJY	-	1	-
Windows Server 2022 Standard,16CORE,Digitally Fulfilled Recovery Image, Multi Language	528-CSCP	-	1	-
Windows Server 2022 Standard,No Media,WS2019 Std Downgrade DF Media, Multi Language	528-CSCQ	-	1	-
Windows Server 2022 Standard,No Media, WS2019 Std Downgrade w/DVD Media,Multi Lang	634-BYLQ	-	1	-
OpenManage Enterprise Advanced	528-BIYY	-	1	-
iDRAC9 Datacenter 14G	528-CIBI	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
iDRAC,Factory Generated Password	379-BCSF	-	1	-

iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit, Poweredge R640	631-ABKN	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$12,064.26
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$12,064.26

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringsspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

^Dell Business Credit (DBC):

OFFER VARIES BY CREDITWORTHINESS AS DETERMINED BY LENDER. Offered by WebBank to Small and Medium Business customers with approved credit. Taxes, shipping and other charges are extra and vary. Minimum monthly payments are the greater of \$15 or 3% of account balance. Dell Business Credit is not offered to government or public entities, or business entities located and organized outside of the United States.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000107440723.3	Sales Rep	Alan Fong
Total	\$14,550.25	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Jan. 18, 2022	Billing To	ACCOUNTS PAYABLE
Expires by	Feb. 17, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		DETECTIVE ADAM MILITELLO
Contract Code	Equipment PA - State of FL		200 LEMON ST
Customer Agreement #	C000000010853		NEPTUNE BEACH, FL 32266-5117
Solution ID	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY	Standard Delivery
CITY OF NEPTUNE BEACH	
200 LEMON ST	
NEPTUNE BEACH, FL 32266-5117	
(904) 242-3435	

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 City Hall 2 with 10 SQL CALs	\$14,550.25	1	\$14,550.25

Subtotal:	\$14,550.25
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$14,550.25
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00

Total:	\$14,550.25
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Shipping Group Details

Shipping To

MICHAEL KEY
CITY OF NEPTUNE BEACH
200 LEMON ST
NEPTUNE BEACH, FL 32266-5117
(904) 242-3435

Shipping Method

Standard Delivery

		Quantity	Subtotal
PowerEdge R640 City Hall 2 with 10 SQL CALs	\$14,550.25	1	\$14,550.25

Estimated delivery if purchased today:

Feb. 07, 2022

Contract # C000000010853

Customer Agreement # MNWNC-108 / 43211500-WSCA-15-ACS

Description	SKU	Unit Price	Quantity	Subtotal
PowerEdge R640 Server	210-AKWU	-	1	-
PowerEdge R640 MLK Motherboard	329-BEIJ	-	1	-
Trusted Platform Module 2.0 V3	461-AAIM	-	1	-
2.5 Chassis with up to 8 Hard Drives and 3PCIe slots PERC/HBA11	321-BHBQ	-	1	-
PowerEdge R640 Shipping	340-BKNE	-	1	-
PowerEdge R640 x8 Drive Shipping Material	340-COPS	-	1	-
PowerEdge R640 CCC and BIS Marking, No CE Marking	389-DSVJ	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Additional Processor Selected	379-BDCO	-	1	-
DIMM Blanks for System with 2 Processors	370-ABWE	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
3200MT/s RDIMMs	370-AEVR	-	1	-
Performance Optimized	370-AAIP	-	1	-
RAID 5	780-BCDP	-	1	-
PERC H750 Adapter, Low Profile	405-ABCC	-	1	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	403-BCHI	-	1	-
Windows Server 2022 Standard,16CORE,FI,No Med,No CAL, Multi Language	634-BYJY	-	1	-
Windows Server 2022 Standard,16CORE,Digitally Fulfilled Recovery Image, Multi Language	528-CSCP	-	1	-
Windows Server 2022 Standard,No Media,WS2019 Std Downgrade DF Media, Multi Language	528-CSCQ	-	1	-
Windows Server 2022 Standard,No Media, WS2019 Std Downgrade w/DVD Media,Multi Lang	634-BYLQ	-	1	-
OpenManage Enterprise Advanced	528-BIYY	-	1	-
iDRAC9 Datacenter 14G	528-CIBI	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
iDRAC,Factory Generated Password	379-BCSF	-	1	-

iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit,Poweredge R640	631-ABKN	-	1	-
Microsoft SQL Server 2019 Standard,OEM, Incl. 5 USER CALs, NFI with SQL2017/2016 DWGD Media,ENGLISH	634-BUWT	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
Microsoft SQL Server 2019 Standard, 5 USER CALs Only OEM, No Media, NFI	634-BUWW	-	1	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$14,550.25
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$14,550.25

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecifictterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

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Electronically linked terms and descriptions are available in hard copy upon request.

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OFFER VARIES BY CREDITWORTHINESS AS DETERMINED BY LENDER. Offered by WebBank to Small and Medium Business customers with approved credit. Taxes, shipping and other charges are extra and vary. Minimum monthly payments are the greater of \$15 or 3% of account balance. Dell Business Credit is not offered to government or public entities, or business entities located and organized outside of the United States.



Pricing Proposal
Quotation #: 21164368
Created On: 10/21/2021
Valid Until: 10/29/2021

CITY OF NEPTUNE BEACH

Miklos Stoffel
116 FIRST STREET
ATTN: A/P
Neptune Beach, FL 32266
United States
Phone: (904) 270-2400
Fax:
Email: cio@nbfl.us

Inside Account Executive

Alejandro Cortes
300 Davidson Avenue
Somerset, NJ 08873
Phone: 800-527-6389 EXT 652-0307
Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE ProLiant DL20 Gen10 solution - Server - rack-mountable - 1U - 1-way - 1 x Xeon E-2236 / 3.4 GHz - RAM 16 GB - SATA - hot-swap 2.5" bay(s) - no HDD - Matrox G200 - GigE - monitor: none Hewlett Packard Enterprise - Part#: P17081-B21 Note: Hardware; In Stock	3	\$1,367.01	\$4,101.03
2 HPE Standard Memory - DDR4 - module - 16 GB - DIMM 288-pin - 2666 MHz / PC4-21300 - CL19 - 1.2 V - unbuffered - ECC Hewlett Packard Enterprise - Part#: 879507-B21 Note: Hardware; In Stock	3	\$227.49	\$682.47
3 HPE Smart Array E208i-a SR Gen10 - Storage controller (RAID) with low profile heatsink - 8 Channel - SATA 6Gb/s / SAS 12Gb/s - 12 Gbit/s - RAID 0, 1, 5, 10 - PCIe 3.0 x8 - for Apollo 4200 Gen10; ProLiant DL360 Gen10 Hewlett Packard Enterprise - Part#: 869079-B21 Note: Hardware; In Stock	3	\$309.94	\$929.82
4 Microsoft Windows Server 2019 Standard Edition - License - 16 cores - OEM - ROK - DVD - BIOS-locked (Hewlett Packard Enterprise), Microsoft Certificate of Authenticity (COA) - English - Worldwide Hewlett Packard Enterprise - Part#: P11058-B21 Note: Hardware; In Stock	3	\$747.74	\$2,243.22
5 HPE Integrated Lights-Out Advanced - License + 3 Years 24x7 Support - 1 server - electronic - for ProLiant DL160 Gen10, DL180 Gen10, DL20 Gen10, XL170r Gen9, XL190r Gen9, XL2x260 Hewlett Packard Enterprise - Part#: E6U64ABE Note: Software; ESD; 3 Yr 24x7 Support	3	\$258.79	\$776.37
6 HPE - Power supply - hot-plug / redundant (plug-in module) - Flex Slot - 80 PLUS Platinum - AC 100-240 V - 500 Watt - 563 VA Hewlett Packard Enterprise - Part#: 865408-B21 Note: Hardware; In Stock	3	\$139.08	\$417.24
7 HPE M.2 SATA/LFF AROC Cable Kit - SATA cable kit - for ProLiant DL20 Gen10,	3	\$36.84	\$110.52



Pricing Proposal
Quotation #: 21178257
Created On: 10/25/2021
Valid Until: 10/29/2021

CITY OF NEPTUNE BEACH

Miklos Stoffel
116 FIRST STREET
ATTN: A/P
Neptune Beach, FL 32266
United States
Phone: (904) 270-2400
Fax:
Email: cio@nbfl.us

Inside Account Executive

Alejandro Cortes
300 Davidson Avenue
Somerset, NJ 08873
Phone: 800-527-6389 EXT 652-0307
Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 PowerEdge R740 Dell - Part#: 3000102773396.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks	3	\$14,511.09	\$43,533.27
			Total \$43,533.27

Additional Comments

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.

Back to Shop / Servers / ProLiant DL Servers / ProLiant DL20 Servers / HPE ProLiant DL20 Gen10 server

HPE ProLiant DL20 Gen10 server

SHI

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[Base Models](#)

[Features](#)

[Additional Resources](#)

[Services](#)



Pricing Proposal
Quotation #: 21280223
Created On: 11/17/2021
Valid Until: 11/30/2021

CITY OF NEPTUNE BEACH

Miklos Stoffel
116 FIRST STREET
ATTN: A/P
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Fax:
Email: cio@nbfl.us

Inside Account Executive

Alejandro Cortes
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Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 PowerEdge R640 Dell - Part#: 3000105734872.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; City Hall	1	\$10,137.06	\$10,137.06
2 PowerEdge R640 with 10 SQL CALs Dell - Part#: 3000105734873.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; City Hall	1	\$12,474.40	\$12,474.40
3 PowerEdge R640 Dell - Part#: 3000105734874.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; Public Works Pro Support NBD	1	\$10,137.06	\$10,137.06
Total			\$32,748.52

Additional Comments

SHI SPIN: #143012572
SHI-GS SPIN (For Texas customers ONLY): #143028315
For E-rate SPI orders, applicant shall be responsible for payment of any outstanding or ineligible costs if USAC rejects reimbursement claim in whole or in part.

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000107440724.1	Sales Rep	Alan Fong
Total	\$11,693.67	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Dec. 10, 2021	Billing To	ACCOUNTS PAYABLE
Expires by	Jan. 09, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		DETECTIVE ADAM MILITELLO
Contract Code	Equipment PA - State of FL		200 LEMON ST
Customer Agreement #	C000000010853		NEPTUNE BEACH, FL 32266-5117
Solution ID	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY	Standard Delivery
CITY OF NEPTUNE BEACH	
200 LEMON ST	
NEPTUNE BEACH, FL 32266-5117	
(904) 242-3435	

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 Public Works Prosupport NBD	\$11,693.67	1	\$11,693.67

Subtotal:	\$11,693.67
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$11,693.67
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
Total:	\$11,693.67

Shipping Group Details

Shipping To

MICHAEL KEY
CITY OF NEPTUNE BEACH
200 LEMON ST
NEPTUNE BEACH, FL 32266-5117
(904) 242-3435

Shipping Method

Standard Delivery

		Quantity	Subtotal
PowerEdge R640 Public Works Prosupport NBD	\$11,693.67	1	\$11,693.67

Estimated delivery if purchased today:

Jan. 11, 2022

Contract # C000000010853

Customer Agreement # MNWNC-108 / 43211500-WSCA-15-ACS

Description	SKU	Unit Price	Quantity	Subtotal
PowerEdge R640 Server	210-AKWU	-	1	-
PowerEdge R640 MLK Motherboard	329-BEIJ	-	1	-
Trusted Platform Module 2.0 V3	461-AAIM	-	1	-
2.5 Chassis with up to 8 Hard Drives and 3PCIe slots PERC/HBA11	321-BHBQ	-	1	-
PowerEdge R640 Shipping	340-BKNE	-	1	-
PowerEdge R640 x8 Drive Shipping Material	340-COPS	-	1	-
PowerEdge R640 CCC and BIS Marking, No CE Marking	389-DSVJ	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Additional Processor Selected	379-BDCO	-	1	-
DIMM Blanks for System with 2 Processors	370-ABWE	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
3200MT/s RDIMMs	370-AEVR	-	1	-
Performance Optimized	370-AAIP	-	1	-
RAID 5	780-BCDP	-	1	-
PERC H750 Adapter, Low Profile	405-ABCC	-	1	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	403-BCHI	-	1	-
Windows Server 2022 Standard,16CORE,FI,No Med,No CAL, Multi Language	634-BYJY	-	1	-
Windows Server 2022 Standard,16CORE,Digitally Fulfilled Recovery Image, Multi Language	528-CSCP	-	1	-
Windows Server 2022 Standard,No Media,WS2019 Std Downgrade DF Media, Multi Language	528-CSCQ	-	1	-
Windows Server 2022 Standard,No Media, WS2019 Std Downgrade w/DVD Media,Multi Lang	634-BYLQ	-	1	-
OpenManage Enterprise Advanced	528-BIYY	-	1	-
iDRAC9 Datacenter 14G	528-CIBI	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
iDRAC,Factory Generated Password	379-BCSF	-	1	-

iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit, Poweredge R640	631-ABKN	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$11,693.67
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$11,693.67



Pricing Proposal
Quotation #: 21548370
Created On: 2/1/2022
Valid Until: 2/28/2022

CITY OF NEPTUNE BEACH

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Phone: 800-527-6389 EXT 652-0307
Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE ProLiant DL360 Gen10 - Server - rack-mountable - 1U - 2-way - no CPU - RAM 0 GB - SATA - hot-swap 2.5" bay(s) - no HDD - GigE - no OS - monitor: none - CTO Hewlett Packard Enterprise - Part#: P19766-B21 Note: Hardware; ETA 13 weeks	3	\$1,288.94	\$3,866.82
2 HPE DL360 GEN10 8SFF MODX CTO Hewlett Packard Enterprise - Part#: P19766-B21#ABA Note: Hardware; In Stock	3	\$0.00	\$0.00
3 Intel Xeon Gold 5218 - 2.3 GHz - 16-core - 32 threads - 22 MB cache - LGA3647 Socket - factory integrated Hewlett Packard Enterprise - Part#: P02592-L21 Note: Hardware; In Stock	3	\$1,568.87	\$4,706.61
4 HPE SmartMemory - DDR4 - module - 16 GB - DIMM 288-pin - 2933 MHz / PC4-23400 - CL21 - 1.2 V - registered - ECC Hewlett Packard Enterprise - Part#: P00922-B21 Note: Hardware; In Stock	3	\$582.08	\$1,746.24
5 FACTORY INTEGRATED Hewlett Packard Enterprise - Part#: P00922-B21#0D1 Note: Hardware; In Stock	3	\$0.00	\$0.00
6 HPE - Hard drive - 2 TB - hot-swap - 2.5" SFF - SAS 12Gb/s - 7200 rpm - with HP SmartDrive carrier Hewlett Packard Enterprise - Part#: 765466-B21 Note: Hardware; ETA 9 weeks	12	\$803.00	\$9,636.00
7 Factory Integrated Hewlett Packard Enterprise - Part#: 765466-B21#0D1 Note: Hardware; ETA 9 Weeks	12	\$0.00	\$0.00
8 HPE 96W Smart Storage - Storage device battery - lithium ion - for Apollo 4200 Gen10; ProLiant DL360 Gen10, DL365 Gen10, DL380 Gen10	3	\$119.15	\$357.45

9	Factory Integrated Hewlett Packard Enterprise - Part#: P01366-B21#0D1 Note: Hardware; In Stock	3	\$0.00	\$0.00
10	HPE Smart Array P408i-A SR Gen10 - Storage controller (RAID) - 8 Channel - SATA 6Gb/s / SAS 12Gb/s - RAID 0, 1, 5, 6, 10, 50, 60, 1 ADM, 10 ADM - PCIe 3.0 x8 - for ProLiant DL345 Gen10, DL360 Gen10, DL380 Gen10 Hewlett Packard Enterprise - Part#: 804331-B21 Note: Hardware; ETA 13 weeks	3	\$587.71	\$1,763.13
11	Factory Integrated Hewlett Packard Enterprise - Part#: 804331-B21#0D1 Note: Hardware; ETA 13 Weeks	3	\$0.00	\$0.00
12	HPE 366FLR - Network adapter - PCIe 2.1 x4 - Gigabit Ethernet x 4 - for Nimble Storage dHCI Small Solution with HPE ProLiant DL360 Gen10; ProLiant DL360 Gen10 Hewlett Packard Enterprise - Part#: 665240-B21 Note: Hardware; ETA 9 Weeks	3	\$302.79	\$908.37
13	Factory Integrated Hewlett Packard Enterprise - Part#: 665240-B21#0D1 Note: Hardware; ETA 9 Weeks	3	\$0.00	\$0.00
14	HPE - Power supply - hot-plug / redundant (plug-in module) - Flex Slot - 80 PLUS Platinum - AC 100-240 V - 500 Watt - 563 VA Hewlett Packard Enterprise - Part#: 865408-B21 Note: Hardware; ETA 13 Weeks	6	\$233.89	\$1,403.34
15	Factory Integrated Hewlett Packard Enterprise - Part#: 865408-B21#0D1 Note: Hardware; ETA 13 Weeks	6	\$0.00	\$0.00
16	HPE Small Form Factor Easy Install Rail Kit - Rack rail kit - 1U - for Nimble Storage dHCI Small Solution with HPE ProLiant DL360 Gen10; ProLiant DL360 Gen10 Hewlett Packard Enterprise - Part#: 874543-B21 Note: Hardware; ETA 11 Weeks	3	\$86.69	\$260.07
17	Factory Integrated Hewlett Packard Enterprise - Part#: 874543-B21#0D1 Note: Hardware; ETA 11 Weeks	3	\$0.00	\$0.00
18	HPE Integrated Lights-Out Advanced - License + 3 Years 24x7 Support - 1 server - electronic - for ProLiant DL160 Gen10, DL180 Gen10, DL20 Gen10, XL170r Gen9, XL190r Gen9, XL2x260 Hewlett Packard Enterprise - Part#: E6U64ABE Note: Software; In Stock	3	\$299.61	\$898.83
19	Microsoft Windows Server 2022 Standard Edition - License - 16 cores - OEM - ROK - Multilingual - Americas Hewlett Packard Enterprise - Part#: P46171-DN1 Note: Software; In Stock	3	\$876.98	\$2,630.94
20	Microsoft SQL Server 2019 Standard - License - volume - Linux, Win - Single Language Microsoft - Part#: 228-11492 Note: Software; In Stock	3	\$644.53	\$1,933.59

21	HPE Installation and Startup Service Hewlett Packard Enterprise - Part#: HA114A1 Note: Services	1	\$0.00	\$0.00
22	HPE Installation & Startup Service - Installation - on-site - for P/N: 579239R-AA1, 579240R-AA1, 579243R-AA1, 593499R-AA1, 633776R-AA1, 638180R-AA1 Hewlett Packard Enterprise - Part#: HA114A1#5A0 Note: Install Services	3	\$910.15	\$2,730.45
23	HPE 3Y Tech Care Essential Service HPE - Part#: HU4A6A3 Note: Support Services	1	\$0.00	\$0.00
24	FIO DL360 GEN10 SUP Hewlett Packard Enterprise - Part#: HU4A6A3#WAG Note: Support Services	3	\$2,351.87	\$7,055.61
25	HPE STD-16C ROK/FIO Support HPE - Part#: HU4A6A3#ZT0 Note: Support Services	3	\$1,045.67	\$3,137.01
			Total	\$43,034.46

Additional Comments

Please Note: Hewlett Packard Enterprise has a zero returns policy on custom build machines.

SHI SPIN: #143012572

SHI-GS SPIN (For Texas customers ONLY): #143028315

For E-rate SPI orders, applicant shall be responsible for payment of any outstanding or ineligible costs if USAC rejects reimbursement claim in whole or in part.

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.

TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The Products offered under this proposal are resold in accordance with the [SHI Online Customer Resale Terms and Conditions](#), unless a separate resale agreement exists between SHI and the Customer.

Quote summary

Quote ID: NQ03771926-01

In reply to your request:

Date: February 7, 2022
Terms: NT45 AFTER INVOICE DATE
Quote Segment:
Contract ID: 43211500-WSCA-15-ACS-E
Estimated Delivery Time: 92 - 115 Business Days

Expires On: May 8, 2022
RFQ #:
HPE Sales Contact: Hunter Tubbs
Phone:
Fax:
Email: hunter.tubbs@hpe.com

Customer details

Sold To Address: City of Neptune Beach
116 1ST St
NEPTUNE BEACH, Florida, 32266-6140
US

Ship To Address: City of Neptune Beach
116 1ST St
NEPTUNE BEACH, Florida, 32266-6140
US

Solution Overview

Solution	Net Price
Sub-total	USD 16,183.41
Shipping and Handling Estimated	USD 0.00
Total weight	21.892 Kg
Grand Total:	USD 16,183.41

FINANCING :

As low as USD 446.38 per Month for 36 months Fair Market Value¹
Please Contact your local HPE or HPE FS rep for more information

Submit Purchase Order To:

Email PO to: US-SLED-ORDERS@hpe.com

HPE Contact

Phone:
Fax Number:
Email:
Address:

Following are required with PO submissions to HPE:

- Hewlett Packard Enterprise listed as the Vendor
- Bill-to & ship-to addresses, End User name and address
- PO # with valid HPE quote # (incl. Contract ID where applicable)
- HPE Purchase Agreement # (if applicable)
- Contact name, phone # and email address
- Requested Delivery Date
- Tax Status (tax exemption requires a valid certificate)
- This quote contains electronic software and/or proactive support.
This requires system manager name, email and phone

Quote details

The following structured solution is offered for sale with a defined configuration menu and solution adjustment. Changing the configuration may affect the offer.

Description	No.	Product	Qty	Unit List Price	Extended List price
Neptune_Tubbs_DL360	CNFG	5126700243-01	1	21,163.00	21,163.00
HPE DL360 Gen10 8SFF CTO Server	0100	867959-B21	1	2,490.00	2,490.00
HPE DL360 Gen10 8SFF CTO Server		867959-B21#ABA	1	0.00	0.00
Intel Xeon-G 5218 FIO Kit for DL360 G10	0101	P02592-L21	1	2,427.00	2,427.00
HPE 16GB 2Rx8 PC4-2933Y-R Smart Kit	0102	P00922-B21	1	938.00	938.00
HPE 2TB SAS 7.2K SFF SC 512e HDD	0103	765466-B21	4	1,257.00	5,028.00
HPE Smart Hybrid Capacitor w/ 145mm Cbl	0104	P02377-B21	1	260.00	260.00
HPE Smart Array P408i-a SR Gen10 Ctrlr	0105	804331-B21	1	920.00	920.00
HPE 1GbE 4p FLR-T I350 Adptr	0106	665240-B21	1	474.00	474.00
HPE 500W FS Plat Ht Plg LH Pwr Sply Kit	0107	865408-B21	2	364.00	728.00
HPE iLO Adv 1-svr Lic 3yr Support	0108	BD505A	1	469.00	469.00
HPE OV w/o iLO 3yr 24x7 FIO Phys 1 LTU	0109	P8B31A	1	480.00	480.00
HPE 1U Gen10 SFF Easy Install Rail Kit	0110	874543-B21	1	134.00	134.00
HPE iLO Adv Elec Lic 3yr Support	0200	E6U64ABE	1	469.00	469.00
MS WS22 16C Std ROK AMS SW	0300	P46171-DN1	1	898.00	898.00
HPE Installation and Startup Service	0400	HA114A1	1	0.00	0.00
HPE Startup Entry 300 Series OS SVC		HA114A1#5A0	1	1,150.00	1,150.00
HPE 3Y Tech Care Essential SVC	0500	HU4A6A3	1	0.00	0.00

Description	No.	Product	Qty	Unit List Price	Extended List price
HPE DL360 Gen10 Support		HU4A6A3#WAG	1	3,006.00	3,006.00
HPE Std-16C ROK/FIO Support		HU4A6A3#ZT0	1	1,292.00	1,292.00
Sub-Total:				USD 16,183.41	
Shipping and Handling	Estimated	Total weight		21.892 Kg	USD 0.00
Grand Total:				USD 16,183.41	

Terms & Conditions

¹ TERMS AND CONDITIONS: Financing and service offerings available through Hewlett-Packard Financial Services Company and its subsidiaries and affiliates (collectively, "HPFSC") in certain countries and is subject to credit approval of customer and execution of standard HPFSC documentation. Quotations are indicative, for discussion purposes only and based on certain assumptions, including a 36-month lease with a fair market value purchase option at the end of the term. Final pricing will be determined by HPFSC based on customer's credit rating, offering terms, transaction size, and/or equipment type and options. Not all customers may qualify. Not available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without notice.

For inquiries regarding this quote please contact your HPE sales rep

*If quoted herein, Remarketed Products are fully remanufactured and carry new product warranty. Purchase is subject to inventory availability at receipt of order. Inventory may not be reserved. Hewlett Packard Enterprise reserves the right to substitute new components if appropriate, or to cancel orders by notifying the customer if necessary components are unavailable.

*If quoted herein, Hewlett Packard Enterprise Promotions must be ordered as quoted, no substitutions will be allowed. POs must be received on or prior to the expiration date of the quote or special promotion whichever comes first.

*If quoted herein, Hewlett Packard Enterprise Consignment/Demo equipment is currently at the location listed on this quote. Issuing a PO against this formal quotation will imply acceptance and delivery of the Consignment/Demo inventory. The standard warranty applicable to new equipment will apply. Some demo equipment may contain products that are remanufactured to be functionally equivalent to new. If this quote contains Non-HPE branded products, Non-HPE branded products receive warranty coverage as provided by the relevant third party supplier.

The terms and conditions of the NASPO ValuePoint Agreement as set forth in your Contract ID as referenced in your quote from HPE applies to any order placed as a result of this inquiry. No other terms and conditions shall apply. Please reference this contract when placing an order.



Quote summary

Quote ID: NQ03463244-01

In reply to your request:

Date: November 15, 2021
Terms: NT45 AFTER INVOICE DATE
Quote Segment:
Contract ID: 43211500-WSCA-15-ACS-E
Estimated Delivery Time: 63 - 79 Business Days

Expires On: February 13, 2022
RFQ #:
HPE Sales Contact: Hunter Tubbs
Phone:
Fax:
Email: hunter.tubbs@hpe.com

Customer details

Sold To Address: City of Neptune Beach
116 1ST St
NEPTUNE BEACH, Florida, 32266-6140
US

Ship To Address: City of Neptune Beach
116 1ST St
NEPTUNE BEACH, Florida, 32266-6140
US

Solution Overview

Solution	Net Price
Hardware	16,016.28
Software	2,694.00
Support	7,059.78
Installation	540.00
Services, Training, & Other	0.00
Sub-total	USD 26,310.06
Shipping and Handling Estimated	USD 0.00
Total weight	123.261 Kg
Grand Total:	USD 26,310.06

FINANCING :

As low as USD 716.04 per Month for 36 months Fair Market Value¹
Please Contact your local HPE or HPE FS rep for more information

Submit Purchase Order To:

Email PO to: US-SLED-ORDERS@hpe.com

HPE Contact

Phone:
Fax Number:
Email:
Address:

Following are required with PO submissions to HPE:

- Hewlett Packard Enterprise listed as the Vendor
- Bill-to & ship-to addresses, End User name and address
- PO # with valid HPE quote # (incl. Contract ID where applicable)
- HPE Purchase Agreement # (if applicable)
- Contact name, phone # and email address
- Requested Delivery Date
- Tax Status (tax exemption requires a valid certificate)
- This quote contains electronic software and/or proactive support.
This requires system manager name, email and phone

Quote details

The following structured solution is offered for sale with a defined configuration menu and solution adjustment. Changing the configuration may affect the offer.

No.	Qty	Product	Description	Estimated Delivery Time
CNFG	1	5125555820-01	City-of-Neptune-Beach_Tubbs_DL325	63 days
0100	3	P18603-B21	HPE DL325 Gen10+ 7262 1P 16G 4LFF Svr	13 days
0200	12	833926-B21	HPE 2TB SAS 7.2K LFF LP HDD	63 days
0300	3	P15911-B21	HPE DL325 G10+ LFF ODD SATA/M.2 Cbl Kit	17 days
0400	3	P46171-DN1	MS WS22 16C Std ROK AMS SW	17 days
0500	1	HA113A1	HPE Installation SVC	Support product
	3	HA113A1#5A0	HPE Entry 300 Series Install Service	Support product
0600	1	HU4A6A3	HPE 3Y Tech Care Essential SVC	Support product
	3	HU4A6A3#YL0	HPE DL325 GEN10 PLUS Supp	Support product
	3	HU4A6A3#ZT0	HPE Std-16C ROK/FIO Support	Support product
Sub-Total:				USD 26,310.06
Shipping and Handling Estimated				Total weight 123.261 Kg USD 0.00
Grand Total:				USD 26,310.06

Terms & Conditions

¹ TERMS AND CONDITIONS: Financing and service offerings available through Hewlett-Packard Financial Services Company and its subsidiaries and affiliates (collectively, "HPFSC") in certain countries and is subject to credit approval of customer and execution of standard HPFSC documentation. Quotations are indicative, for discussion purposes only and based on certain assumptions, including a 36-month lease with a fair market value purchase option at the end of the term. Final pricing will be determined by HPFSC based on customer's credit rating, offering terms, transaction size, and/or equipment type and options. Not all customers may qualify. Not available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without notice.

For inquiries regarding this quote please contact your HPE sales rep

*If quoted herein, Remarketed Products are fully remanufactured and carry new product warranty. Purchase is subject to inventory availability at receipt of order. Inventory may not be reserved. Hewlett Packard Enterprise reserves the right to substitute new components if appropriate, or to cancel orders by notifying the customer if necessary components are unavailable.

*If quoted herein, Hewlett Packard Enterprise Promotions must be ordered as quoted, no substitutions will be allowed. POs must be received on or prior to the expiration date of the quote or special promotion whichever comes first.

*If quoted herein, Hewlett Packard Enterprise Consignment/Demo equipment is currently at the location listed on this quote. Issuing a PO against this formal quotation will imply acceptance and delivery of the Consignment/Demo inventory. The standard warranty applicable to new equipment will apply. Some demo equipment may contain products that are remanufactured to be functionally equivalent to new. If this quote contains Non-HPE branded products, Non-HPE branded products receive warranty coverage as provided by the relevant third party supplier.

The terms and conditions of the NASPO ValuePoint Agreement as set forth in your Contract ID as referenced in your quote from HPE applies to any order placed as a result of this inquiry. No other terms and conditions shall apply. Please reference this contract when placing an order.



**Hewlett Packard
Enterprise**

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Pricing Proposal
Quotation #: 21275432
Created On: 11/16/2021
Valid Until: 11/30/2021

CITY OF NEPTUNE BEACH

Miklos Stoffel
116 FIRST STREET
ATTN: A/P
Neptune Beach, FL 32266
United States
Phone: (904) 270-2400
Fax:
Email: cio@nbfl.us

Inside Account Executive

Alejandro Cortes
300 Davidson Avenue
Somerset, NJ 08873
Phone: 800-527-6389 EXT 652-0307
Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE ProLiant DL325 Gen10 Plus - Server - rack-mountable - 1U - 1-way - 1 x EPYC 7262 / 3.2 GHz - RAM 16 GB - SAS - hot-swap 3.5" bay(s) - no HDD - GigE - monitor: none Hewlett Packard Enterprise - Part#: P18603-B21 Note: Hardware; ETA 12 Weeks	3	\$2,710.02	\$8,130.06
2 HPE Midline - Hard drive - 2 TB - 3.5" LFF Low Profile - SAS 12Gb/s - 7200 rpm Hewlett Packard Enterprise - Part#: 833926-B21 Note: Hardware; ETA In Stock	12	\$411.10	\$4,933.20
3 HPE M.2 SATA/LFF ODD Cable Kit - SATA cable kit - for Nimble Storage dHCI Medium Solution with HPE ProLiant DL325 Gen10; ProLiant DL325 Gen10 Hewlett Packard Enterprise - Part#: P15911-B21 Note: Hardware; ETA 12 Weeks	3	\$57.15	\$171.45
4 Microsoft Windows Server 2022 Standard Edition - License - 16 cores - OEM - ROK - Multilingual - Americas Hewlett Packard Enterprise - Part#: P46171-DN1 Note: Hardware; In Stock	3	\$863.96	\$2,591.88
5 HPE Installation Service - Installation / configuration - for ProLiant DL325 Gen10, DL360 Gen10 Hewlett Packard Enterprise - Part#: U4506E Note: Services; Install	3	\$203.57	\$610.71
6 HPE Pointnext Tech Care Essential Service - Extended service agreement - parts and labor - 3 years - on-site - 24x7 - response time: 4 h - for P/N: P18603R-B21, P18604R-B21, P18605R-B21, P18606R-B21, R4K99A, R4L00A, R4L01A, R7E82A Hewlett Packard Enterprise - Part#: HV6M0E Note: Services; 3 Years 24x7	3	\$1,315.49	\$3,946.47
Total			\$20,383.77

Additional Comments

Please Note: Hewlett Packard Enterprise has a zero returns policy on custom build machines.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

SHI SPIN: #143012572

SHI-GS SPIN (For Texas customers ONLY): #143028315

For E-rate SPI orders, applicant shall be responsible for payment of any outstanding or ineligible costs if USAC rejects reimbursement claim in whole or in part.

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.

TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The Products offered under this proposal are resold in accordance with the [SHI Online Customer Resale Terms and Conditions](#), unless a separate resale agreement exists between SHI and the Customer.



Pricing Proposal
Quotation #: 21280223
Created On: 11/17/2021
Valid Until: 11/30/2021

CITY OF NEPTUNE BEACH

Miklos Stoffel

116 FIRST STREET
ATTN: A/P
Neptune Beach, FL 32266
United States
Phone: (904) 270-2400
Fax:
Email: cio@nbfl.us

Inside Account Executive

Alejandro Cortes

300 Davidson Avenue
Somerset, NJ 08873
Phone: 800-527-6389 EXT 652-0307
Fax:
Email: alejandro_cortes@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 PowerEdge R640 Dell - Part#: 3000105734872.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; City Hall	1	\$10,137.06	\$10,137.06
2 PowerEdge R640 with 10 SQL CALs Dell - Part#: 3000105734873.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; City Hall	1	\$12,474.40	\$12,474.40
3 PowerEdge R640 Dell - Part#: 3000105734874.1 Contract Name: NASPO Computer Equipment Contract #: MNWNC-108 Subcontract #: 80AHD Note: Hardware; ETA 4 Weeks; Public Works Pro Support NBD	1	\$10,137.06	\$10,137.06
Total			\$32,748.52

Additional Comments

SHI SPIN: #143012572

SHI-GS SPIN (For Texas customers ONLY): #143028315

For E-rate SPI orders, applicant shall be responsible for payment of any outstanding or ineligible costs if USAC rejects reimbursement claim in whole or in part.

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date set above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.
TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000107440722.1	Sales Rep	Alan Fong
Total	\$11,693.67	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Dec. 10, 2021	Billing To	ACCOUNTS PAYABLE
Expires by	Jan. 09, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		DETECTIVE ADAM MILITELLO
Contract Code	Equipment PA - State of FL		200 LEMON ST
Customer Agreement #	C000000010853		NEPTUNE BEACH, FL 32266-5117
Solution ID	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY CITY OF NEPTUNE BEACH 200 LEMON ST NEPTUNE BEACH, FL 32266-5117 (904) 242-3435	Standard Delivery

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 City Hall 1	\$11,693.67	1	\$11,693.67

Subtotal:	\$11,693.67
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$11,693.67
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00

Total:	\$11,693.67
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iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit, Powerededge R640	631-ABKN	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$11,693.67
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$11,693.67

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dellmc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringsspecifictterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

^Dell Business Credit (DBC):

OFFER VARIES BY CREDITWORTHINESS AS DETERMINED BY LENDER. Offered by WebBank to Small and Medium Business customers with approved credit. Taxes, shipping and other charges are extra and vary. Minimum monthly payments are the greater of \$15 or 3% of account balance. Dell Business Credit is not offered to government or public entities, or business entities located and organized outside of the United States.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000107440723.1	Sales Rep	Alan Fong
Total	\$14,728.17	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Dec. 10, 2021	Billing To	ACCOUNTS PAYABLE
Expires by	Jan. 09, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		DETECTIVE ADAM MILITELLO
	Equipment PA - State of FL		200 LEMON ST
Contract Code	C000000010853		NEPTUNE BEACH, FL 32266-5117
Customer Agreement #	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
Solution ID	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY	Standard Delivery
CITY OF NEPTUNE BEACH	
200 LEMON ST	
NEPTUNE BEACH, FL 32266-5117	
(904) 242-3435	

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 City Hall 2 with 10 SQL CALs	\$14,728.17	1	\$14,728.17

Subtotal:	\$14,728.17
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$14,728.17
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00

Total:	\$14,728.17
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Shipping Group Details

Shipping To

MICHAEL KEY
CITY OF NEPTUNE BEACH
200 LEMON ST
NEPTUNE BEACH, FL 32266-5117
(904) 242-3435

Shipping Method

Standard Delivery

		Quantity	Subtotal
PowerEdge R640 City Hall 2 with 10 SQL CALs	\$14,728.17	1	\$14,728.17

Estimated delivery if purchased today:

Jan. 11, 2022

Contract # C000000010853

Customer Agreement # MNWNC-108 / 43211500-WSCA-15-ACS

Description	SKU	Unit Price	Quantity	Subtotal
PowerEdge R640 Server	210-AKWU	-	1	-
PowerEdge R640 MLK Motherboard	329-BEIJ	-	1	-
Trusted Platform Module 2.0 V3	461-AAIM	-	1	-
2.5 Chassis with up to 8 Hard Drives and 3PCIe slots PERC/HBA11	321-BHBQ	-	1	-
PowerEdge R640 Shipping	340-BKNE	-	1	-
PowerEdge R640 x8 Drive Shipping Material	340-COPS	-	1	-
PowerEdge R640 CCC and BIS Marking, No CE Marking	389-DSVJ	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Additional Processor Selected	379-BDCO	-	1	-
DIMM Blanks for System with 2 Processors	370-ABWE	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
3200MT/s RDIMMs	370-AEVR	-	1	-
Performance Optimized	370-AAIP	-	1	-
RAID 5	780-BCDP	-	1	-
PERC H750 Adapter, Low Profile	405-ABCC	-	1	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	403-BCHI	-	1	-
Windows Server 2022 Standard,16CORE,FI,No Med,No CAL, Multi Language	634-BYJY	-	1	-
Windows Server 2022 Standard,16CORE,Digitally Fulfilled Recovery Image, Multi Language	528-CSCP	-	1	-
Windows Server 2022 Standard,No Media,WS2019 Std Downgrade DF Media, Multi Language	528-CSCQ	-	1	-
Windows Server 2022 Standard,No Media, WS2019 Std Downgrade w/DVD Media,Multi Lang	634-BYLQ	-	1	-
OpenManage Enterprise Advanced	528-BIYY	-	1	-
iDRAC9 Datacenter 14G	528-CIBI	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
iDRAC,Factory Generated Password	379-BCSF	-	1	-

iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit, Powerededge R640	631-ABKN	-	1	-
Microsoft SQL Server 2019 Standard, OEM, Incl. 5 USER CALs, NFI with SQL2017/2016 DWGD Media, ENGLISH	634-BUWT	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
Microsoft SQL Server 2019 Standard, 5 USER CALs Only OEM, No Media, NFI	634-BUWW	-	1	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$14,728.17
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$14,728.17

Important Notes

Terms of Sale

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A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000109907876.1	Sales Rep	Alan Fong
Total	\$41,114.48	Phone	(800) 456-3355, 6179675
Customer #	121207849	Email	Alan_Fong@Dell.com
Quoted On	Jan. 19, 2022	Billing To	MICHAEL KEY
Expires by	Feb. 18, 2022		CITY OF NEPTUNE BEACH
Contract Name	Dell NASPO Computer		200 LEMON ST
Contract Code	Equipment PA - State of FL		NEPTUNE BEACH, FL 32266-5117
Customer Agreement #	C000000010853		
Solution ID	MNWNC-108 / 43211500-		
	WSCA-15-ACS		
	15353756		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Alan Fong

Shipping Group

Shipping To	Shipping Method
MICHAEL KEY	Standard Delivery
CITY OF NEPTUNE BEACH	
200 LEMON ST	
NEPTUNE BEACH, FL 32266-5117	
(904) 242-3435	

Product	Unit Price	Quantity	Subtotal
PowerEdge R640 City Hall 2 wit SQL 16 cores	\$41,114.48	1	\$41,114.48

Subtotal:	\$41,114.48
Shipping:	\$0.00
Environmental Fee:	\$0.00
Non-Taxable Amount:	\$41,114.48
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
Total:	\$41,114.48

Shipping Group Details

Shipping To

MICHAEL KEY
CITY OF NEPTUNE BEACH
200 LEMON ST
NEPTUNE BEACH, FL 32266-5117
(904) 242-3435

Shipping Method

Standard Delivery

		Quantity	Subtotal
PowerEdge R640 City Hall 2 wit SQL 16 cores	\$41,114.48	1	\$41,114.48

Estimated delivery if purchased today:

Feb. 07, 2022

Contract # C000000010853

Customer Agreement # MNWNC-108 / 43211500-WSCA-15-ACS

Description	SKU	Unit Price	Quantity	Subtotal
PowerEdge R640 Server	210-AKWU	-	1	-
PowerEdge R640 MLK Motherboard	329-BEIJ	-	1	-
Trusted Platform Module 2.0 V3	461-AAIM	-	1	-
2.5 Chassis with up to 8 Hard Drives and 3PCIe slots PERC/HBA11	321-BHBQ	-	1	-
PowerEdge R640 Shipping	340-BKNE	-	1	-
PowerEdge R640 x8 Drive Shipping Material	340-COPS	-	1	-
PowerEdge R640 CCC and BIS Marking, No CE Marking	389-DSVJ	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	338-BSWX	-	1	-
Additional Processor Selected	379-BDCO	-	1	-
DIMM Blanks for System with 2 Processors	370-ABWE	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
Standard 1U Heatsink	412-AAIQ	-	1	-
3200MT/s RDIMMs	370-AEVR	-	1	-
Performance Optimized	370-AAIP	-	1	-
RAID 5	780-BCDP	-	1	-
PERC H750 Adapter, Low Profile	405-ABCC	-	1	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),LP	403-BCHI	-	1	-
Windows Server 2022 Standard,16CORE,FI,No Med,No CAL, Multi Language	634-BYJY	-	1	-
Windows Server 2022 Standard,16CORE,Digitally Fulfilled Recovery Image, Multi Language	528-CSCP	-	1	-
Windows Server 2022 Standard,No Media,WS2019 Std Downgrade DF Media, Multi Language	528-CSCQ	-	1	-
Windows Server 2022 Standard,No Media, WS2019 Std Downgrade w/DVD Media,Multi Lang	634-BYLQ	-	1	-
OpenManage Enterprise Advanced	528-BIYY	-	1	-
iDRAC9 Datacenter 14G	528-CIBI	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
iDRAC,Factory Generated Password	379-BCSF	-	1	-

iDRAC Service Module (ISM), Pre-Installed in OS	379-BCQW	-	1	-
Riser Config 2, 3x16 LP	330-BBGN	-	1	-
Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC	540-BBUK	-	1	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	1	-
8 Standard Fans for R640	384-BBQJ	-	1	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-AJSC	-	1	-
LCD Bezel	325-BCHG	-	1	-
Dell EMC Luggage Tag	350-BBJS	-	1	-
Quick Sync 2 (At-the-box mgmt)	350-BBKC	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBL	-	1	-
OpenManage DVD Kit, Poweredge R640	631-ABKN	-	1	-
Microsoft SQL Server 2019 Standard, 4 CORE, OEM, NFI, ENGLISH	634-BUWX	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9255	-	1	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis, 3 Years	813-9295	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance, 3 Years	813-9296	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	1	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	1	-
ProDeploy Plus Training 300	812-4005	-	1	-
16GB RDIMM, 3200MT/s, Dual Rank	370-AEVQ	-	2	-
1.92TB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD,	345-BCSW	-	4	-
Microsoft SQL Server 2019 Standard, Additional 2 CORE, No MEDIA	634-BUWZ	-	6	-
10-pack of Windows Server 2022/2019 User CALs (Standard or Datacenter)	634-BYKG	-	2	-
Power Cord - C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	2	-

Subtotal:	\$41,114.48
Shipping:	\$0.00
Environmental Fee:	\$0.00
Estimated Tax:	\$0.00
Total:	\$41,114.48

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Agenda Item #10B
Resiliency Lab

**CITY OF NEPTUNE BEACH
CITY COUNCIL MEETING
STAFF REPORT**

AGENDA ITEM:	Resiliency Lab - StormSensor Expansion
SUBMITTED BY:	Colin Moore, Grant and Resiliency Coordinator
DATE:	4/27/2022
BACKGROUND:	In the summer of 2021, the City began working with Smart North Florida on developing a Resiliency Lab at Jarboe Park. The goal of this lab is to pilot innovative technologies that can assist the City in prioritizing critical infrastructure improvements. The first project was the March deployment of a sensor at the outfall of the City's stormwater system and a weather station at Jarboe Park as a means of collecting real time data for monitoring stormwater system performance. This data will ultimately feed into a public-facing dashboard to allow citizens to better understand the City's resiliency planning efforts. Phase II includes 20 additional sensors for monitoring the capacity of the storm sewer system east of Third Street, five culverts that have been identified as bottlenecks and the three points where stormwater enters the Hopkins Creek system from Atlantic Beach and Jacksonville Beach. Because of the significant amount of funding needed for the complete overhaul of this system, the data from these sensors will help the City prioritize the most critically needed capital improvements as well as provide the cost/benefit justifications necessary for State and Federal grants.
BUDGET:	\$91,300.00
RECOMMENDATION:	Approve Phase II of the Resiliency Lab StormSensor Project
ATTACHMENT:	StormSensor Expansion Proposal



PROGRAM OVERVIEW

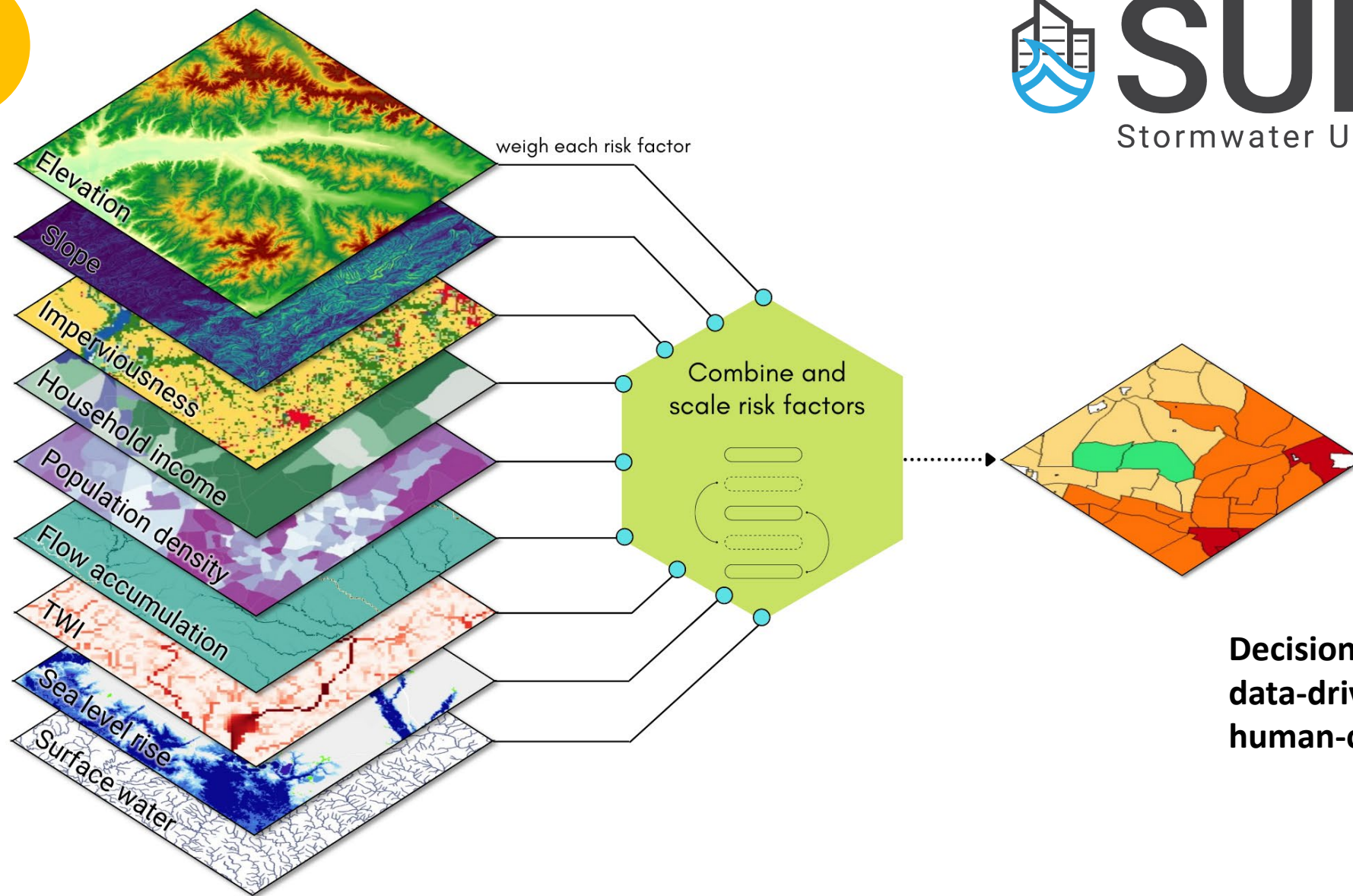
Erin K Rothman, MSc
erin@stormsensor.io



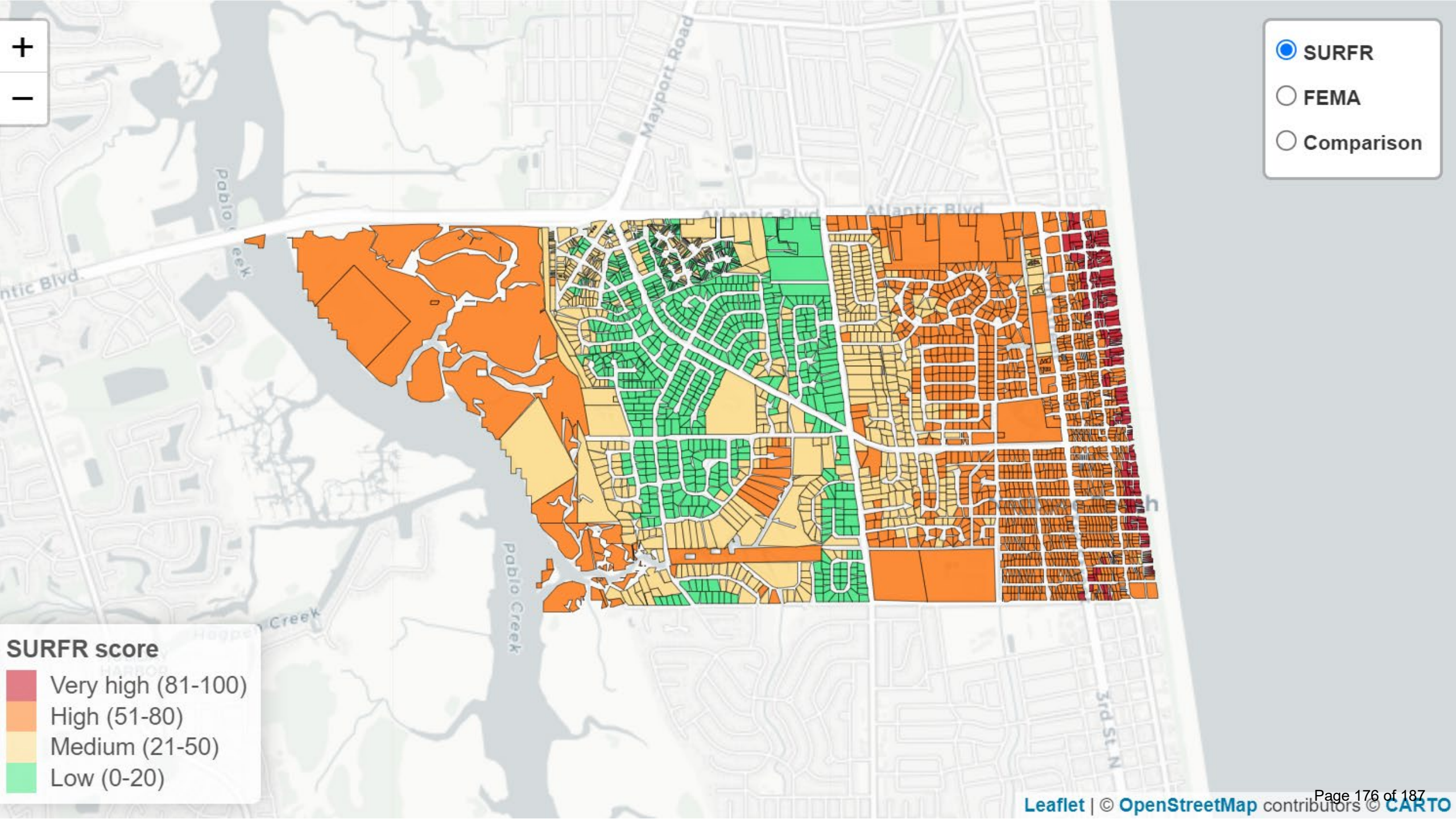


StormSensor empowers leaders to create **communities that thrive** by providing **actionable insights** linking critical infrastructure and climate intelligence data

STORMSENSOR APPROACH—1



**Decisions need to be
data-driven and
human-centered.**





WHY DFCR: Digitalization of critical infrastructure provides the city with high-resolution insights that enable cities to (1) **understand** issues impacting their infrastructure, (2) **respond** better during (and prior to) storms, and (3) **design** capital-intensive infrastructure projects and efficiently *as we adapt to climate change*.

- **Short-term applications:** ongoing maintenance, storm prep, and emergency response.
- **Mid-term applications:** site, deploy, and manage controls at key junctures.
- **Long-term applications:** effective capital improvements for climate resilience.

The following slides show how the data are analyzed across a similar system with tailwater impacts. Note that the storms included are not statistically significant, yet they still have a considerable impact on the stormwater system.

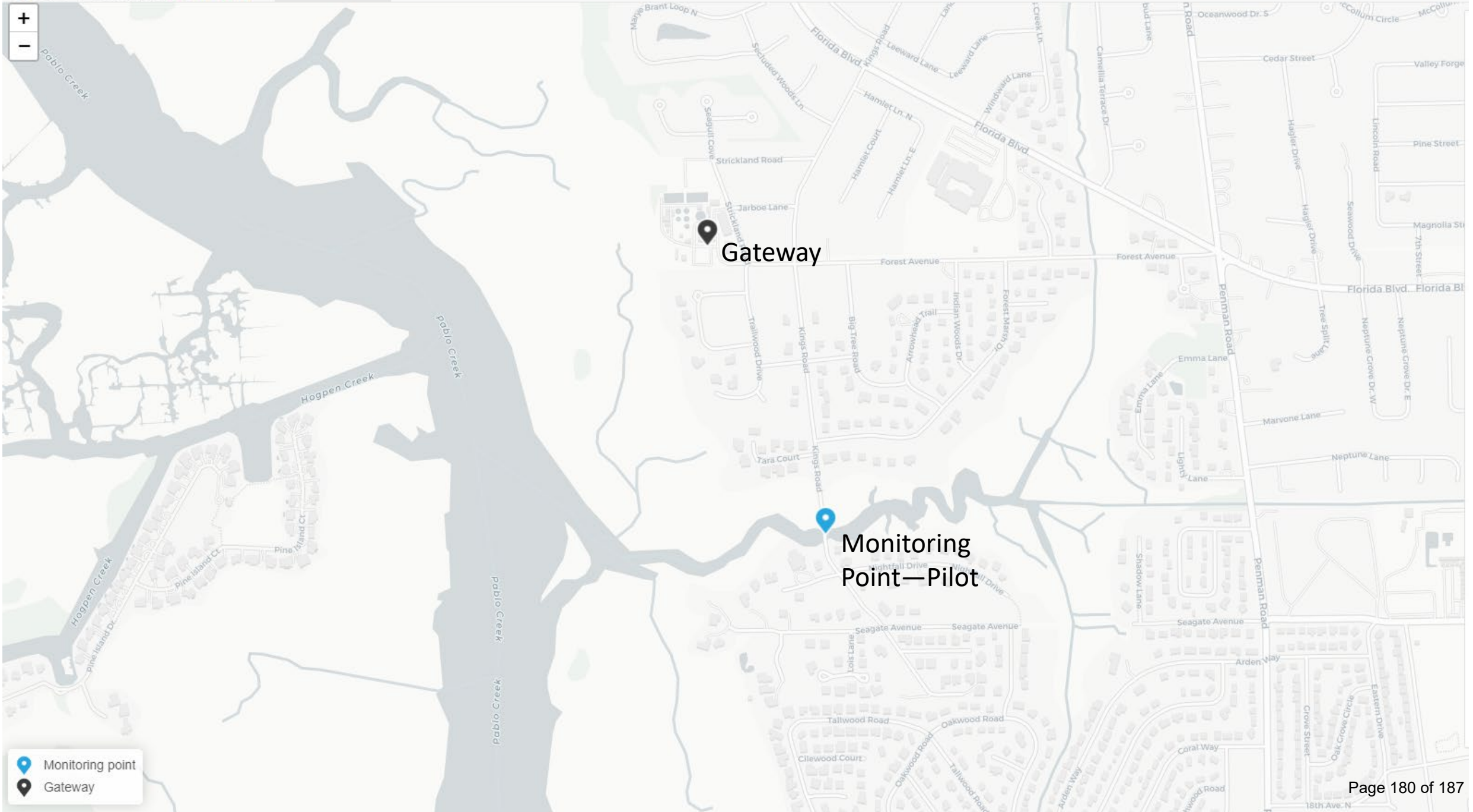


StormSensor empowers leaders to create communities that thrive by providing actionable insights linking critical infrastructure and climate intelligence data.

We do this by digitalizing critical infrastructure for climate resilience:

- DFCR -





 Monitoring point

 Gateway

Monitoring Point	Active Alerts	Battery	Connection	Weather	Precipitation	Total Flow	Available Capacity	Baseline Depth	Water Temp
Kings Road Bridge	0	12.62v			2.34 in	0 gallons	57.37%	4.97"	NO DATA

- CHARTS AND WEATHER
- 0 ALERTS
- BASIC INFO
- LOCATION DETAILS
- PIPE DETAILS
- INSTALLATION DETAILS
- NOTIFICATIONS

Today
72°
0.00 in.

SW 8 mph

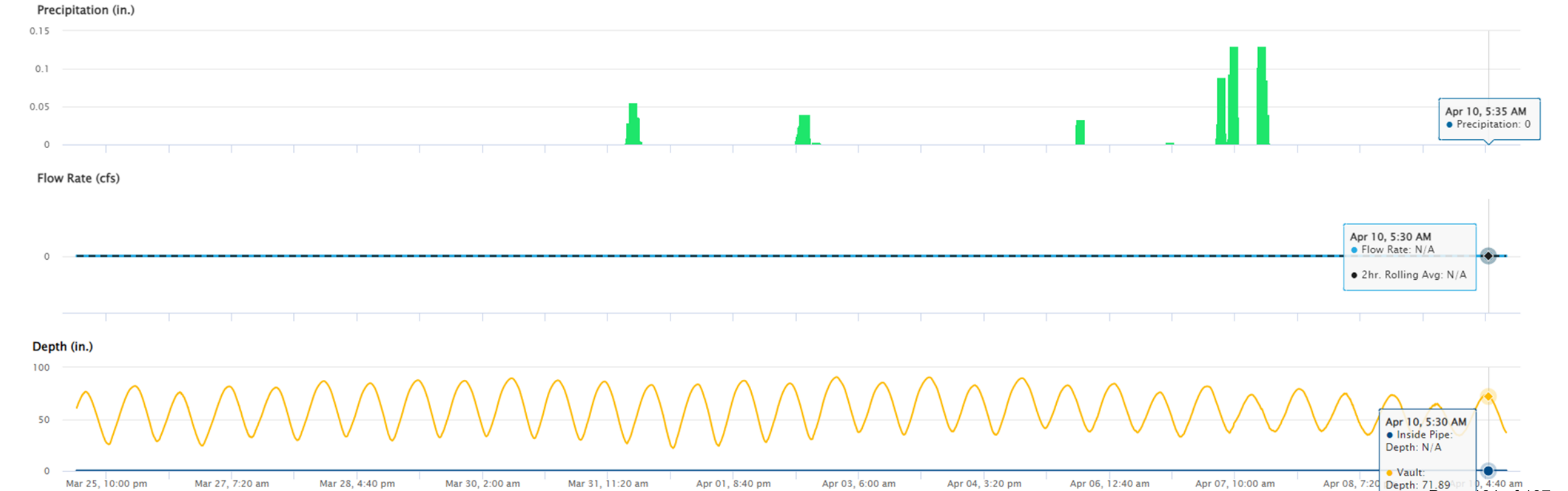
Mon
71°
0.00 in.

Tues
74°
0.00 in.

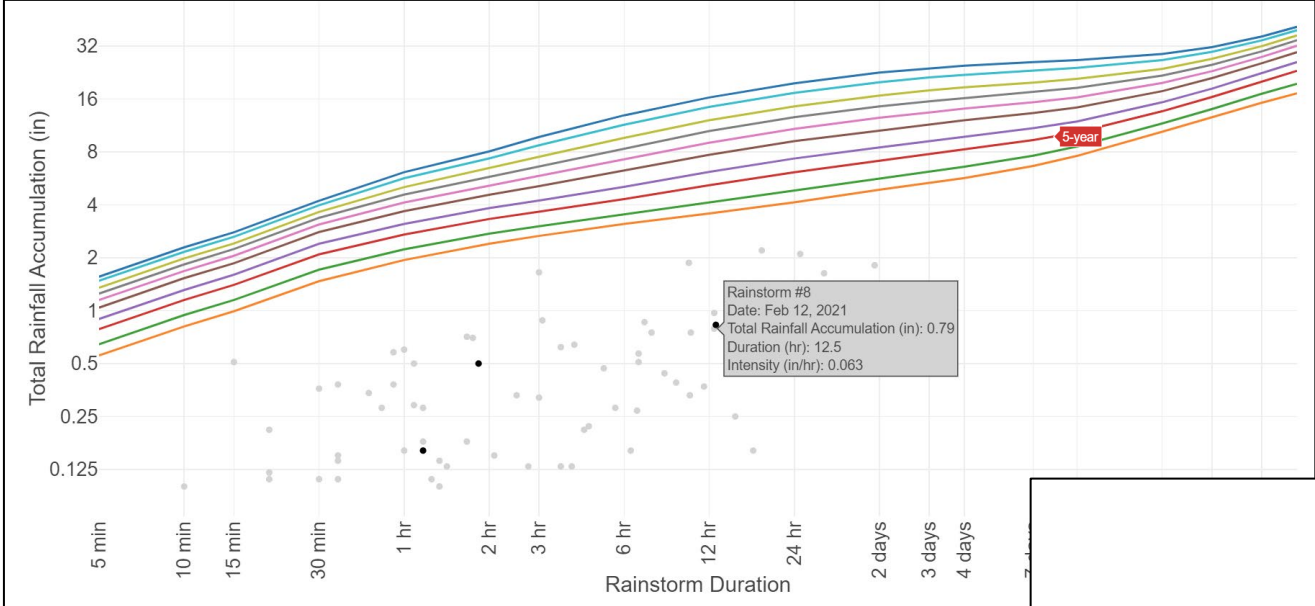
Wed
76°
0.00 in.

Thurs
81°
0.01 in.

Enter date range for metrics:
03/11/2022 – 04/11/2022

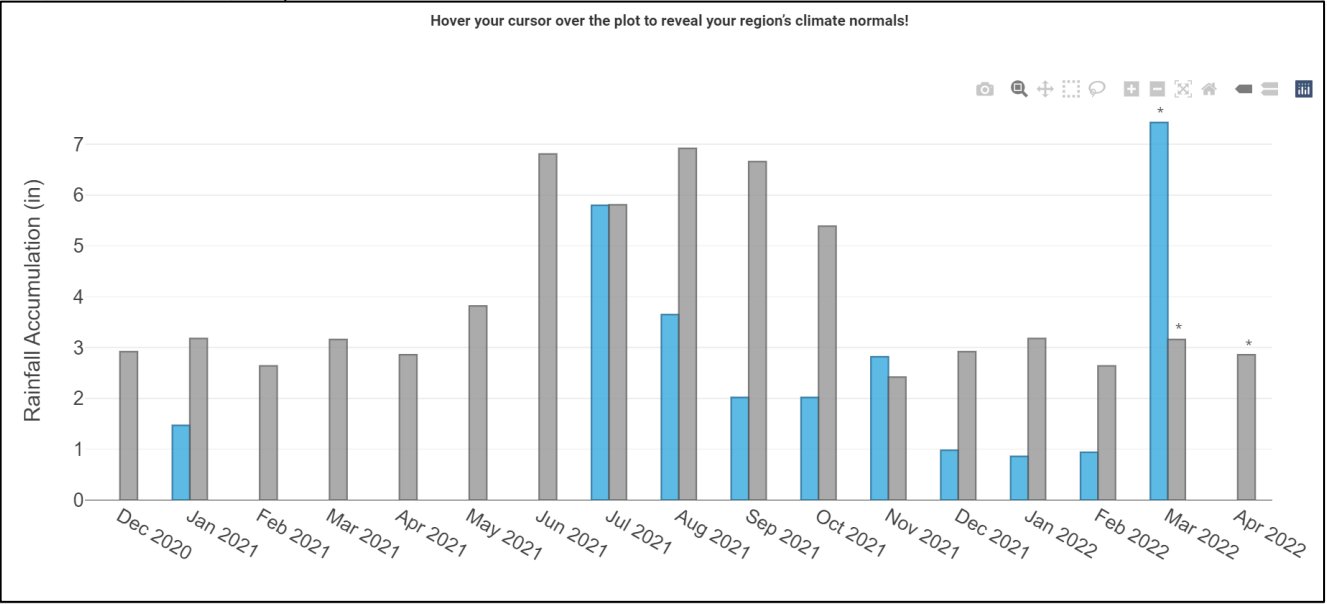


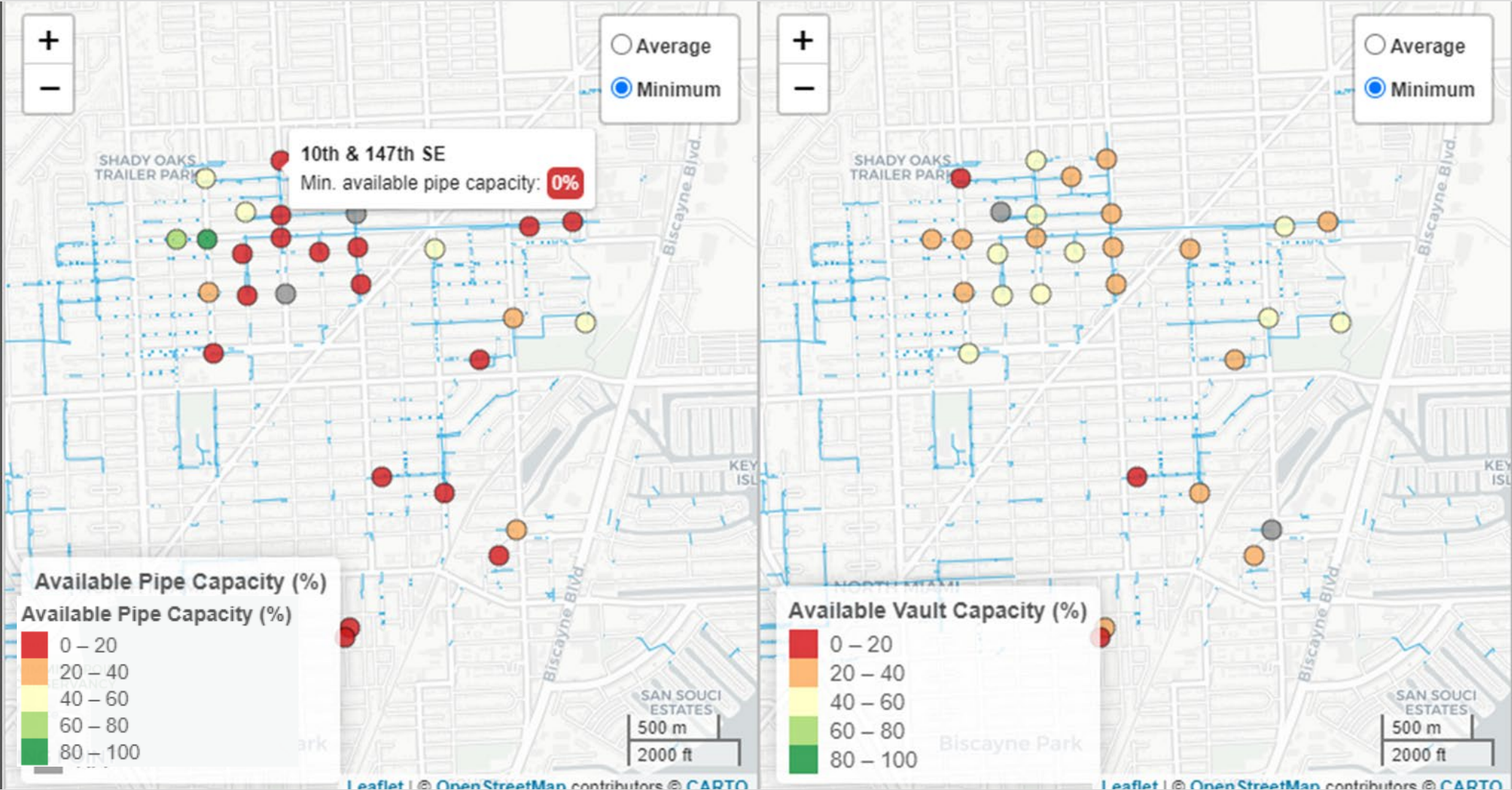
INITIAL RESULTS

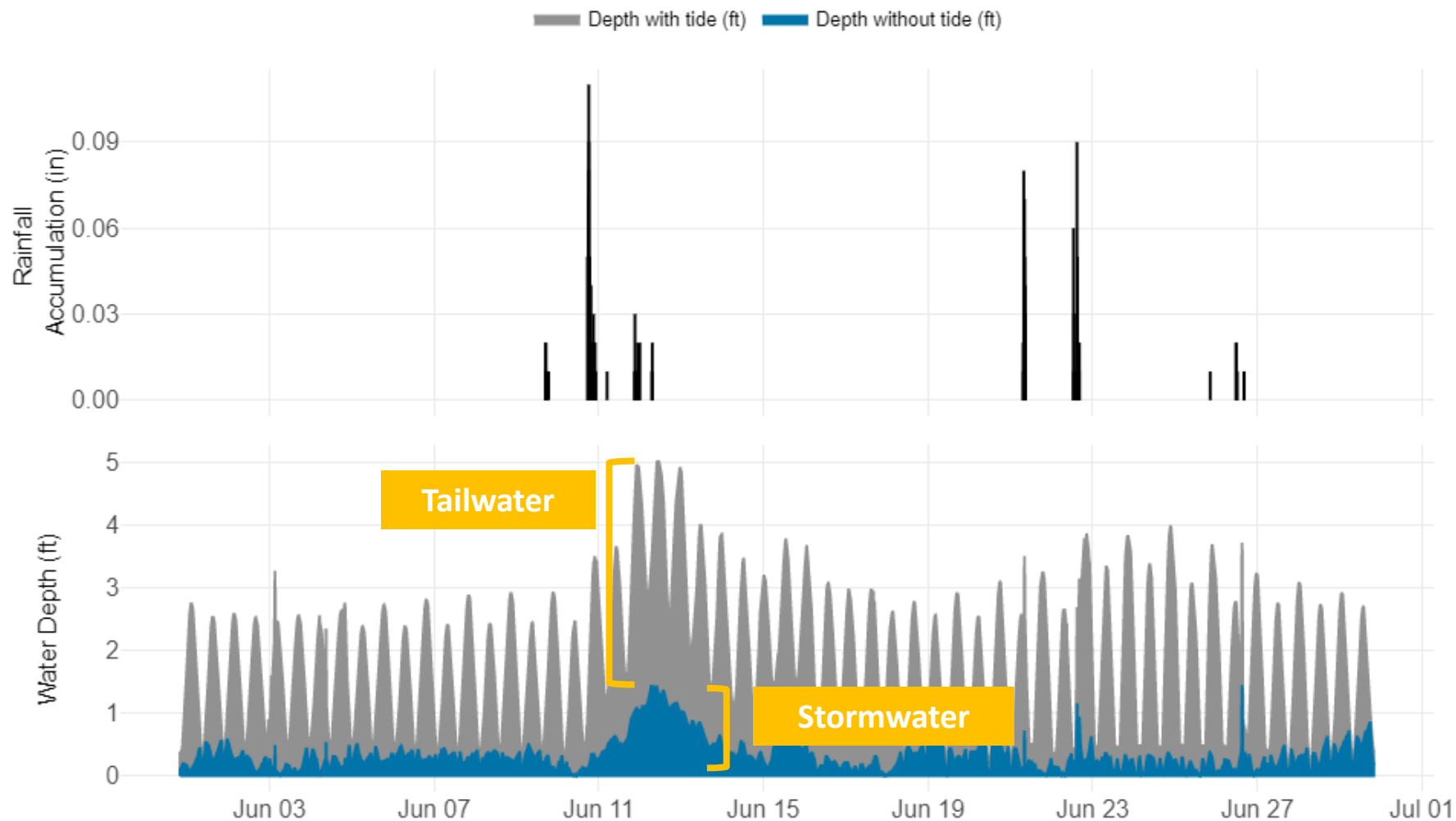


No statistically significant storm events over past 13 months

Drought conditions



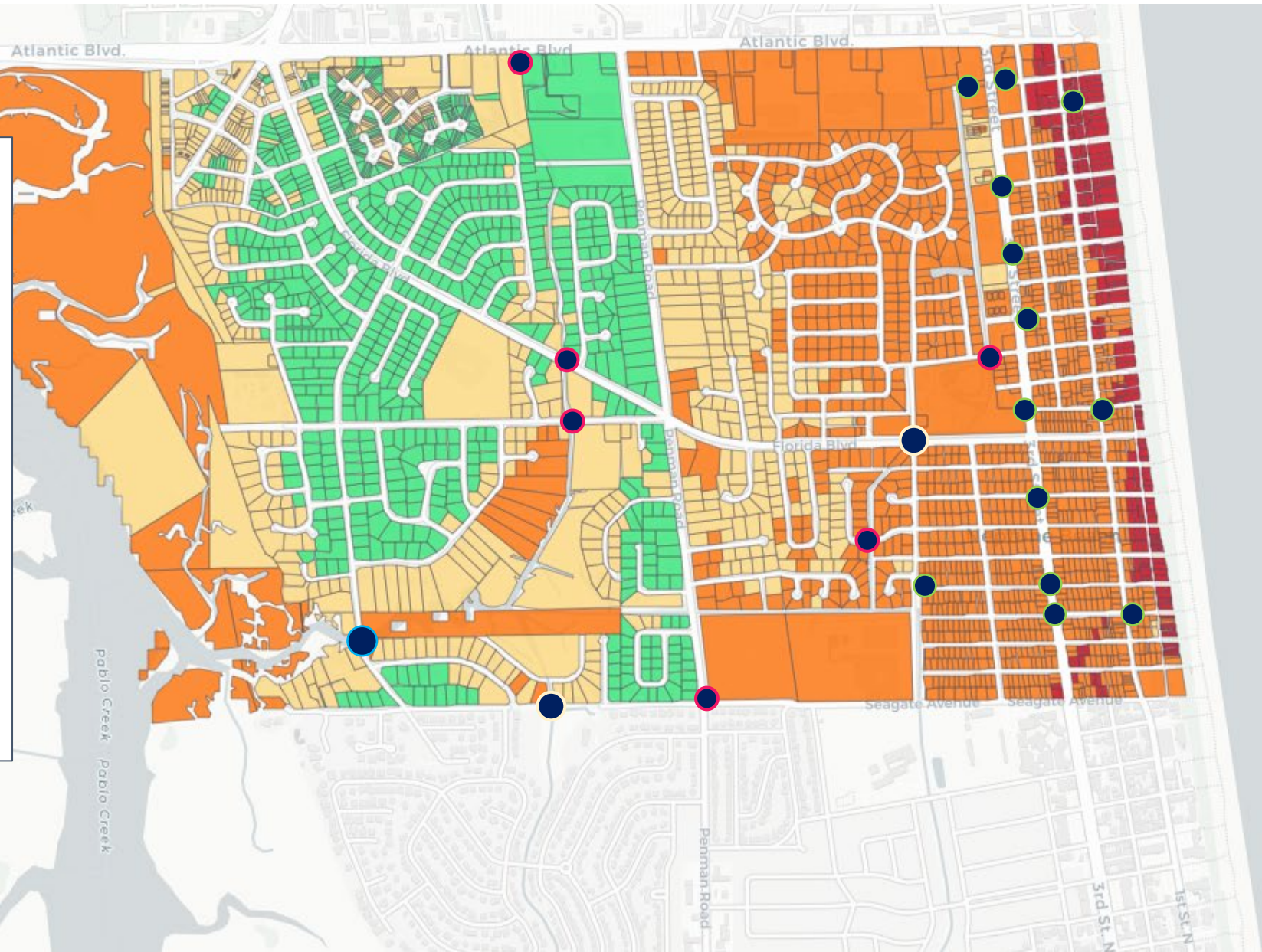




PROPOSED EXPANSION

Suggested installation locations for monitoring points:

- Along 3rd Street/A1A for retrofit sizing/confirmation. *Actual locations may vary due to field conditions.*
- At four culverts that have been identified as bottlenecks (Florida Blvd, Forest Ave, Davis St, and Bay St)
- At the two culverts (Atlantic Blvd and Seagate Ave) where stormwater enters the Hopkins Creek system from Atlantic Beach and Jacksonville Beach
- Two additional culverts (Jim) ●



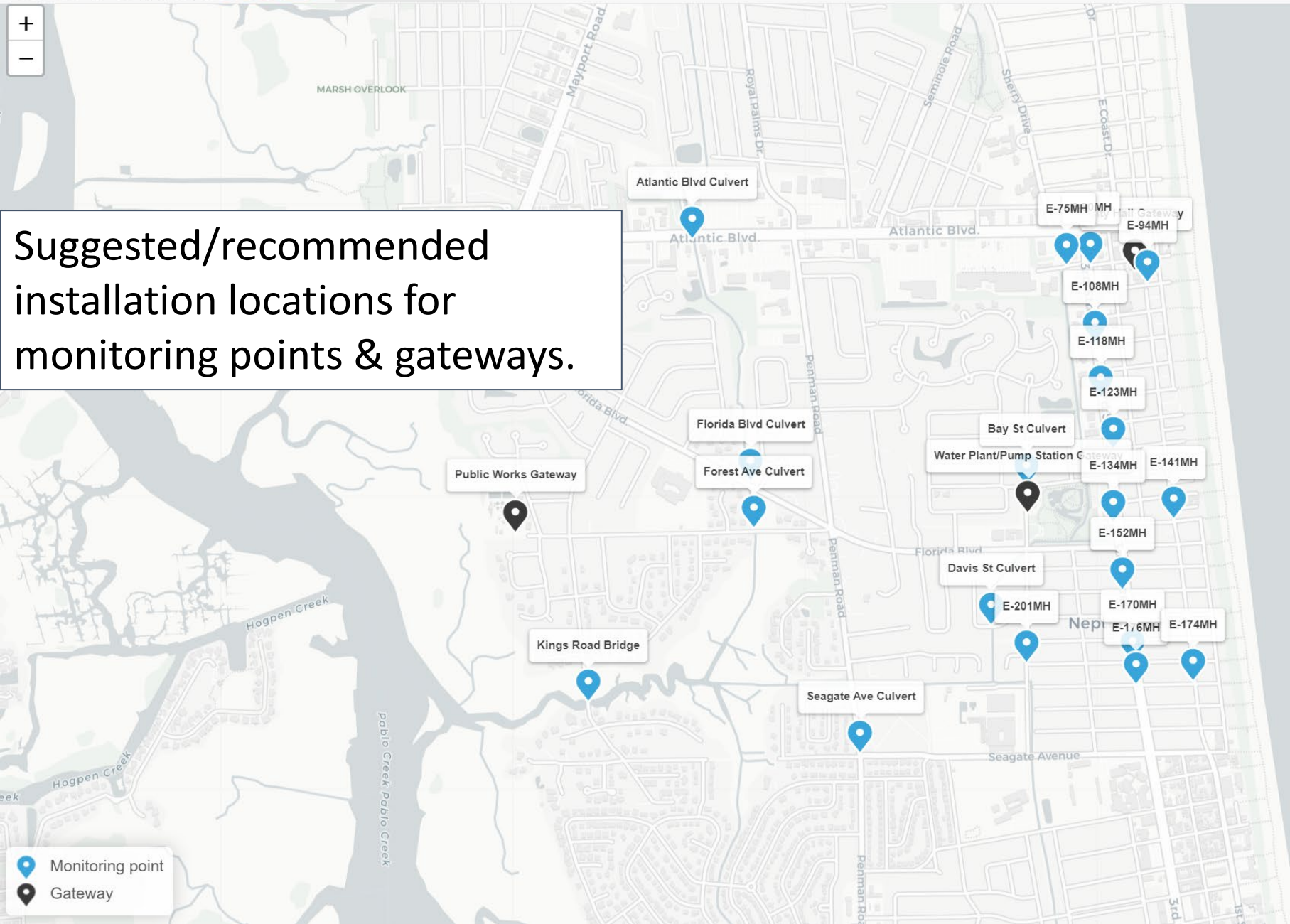
Terrapin™ Software and Sensor Network: 20 Scutes (Depth Only) and Associated Analyses

Item #	Service/Product	Description	Frequency	Unit	# Units	Pricing per Unit		Price Extension
YEAR 1								
#1	Network Design & Scouting (services)	Network design	One-time	Service	1.0		\$ 3,000	\$ 3,000
#2	Installation of Scutes and Gateway (services)	Field installation of all hardware	One-time	Crew Days	4.5		\$ 4,500	\$ 20,250
#3	Gateway-Hardware (purchase)	LoRa network hardware & installation	One-time	Gateway	3.0		\$ 4,200	\$ 12,600
#4	Gateway-Software (license)	LoRa network communication services	Annual Cost	License	3.0		\$ 1,650	\$ 4,950
#5	Monitoring Points (lease)	Scute™ sensors & Terrapin™ Software	Annual Cost	Monitoring Points	20.0		\$ 1,200	\$ 24,000
#6	Annual Maintenance (services)	Full turn-key service, including parts & labor	Annual Cost	Monitoring Points	20.0		\$ 800	\$ 16,000
#7	Terrapin (software setup; services)	System setup	One-time	Service	1.0		\$ 500	\$ 500
#8	Terrapin+ (software license)	Custom weather + real-time alerts & notifications	Annual Cost	License	1.0		\$ 2,500	\$ 2,500
#9	Terrapin+ (software license) extra seats over 20	Additional Terrapin+ licenses (if any)	Annual Cost	License	0.0		\$ 100	\$ -
#10	SURFR Analysis	Custom urban flood risk analysis	Annual Cost	License	0.0		\$ 4,950	\$ -
#11	CloudBurst Analysis	Storm/sewer system performance analyses	Monthly	Reports	12.0		\$ 625.00	\$ 7,500

Total Year 1

\$ 91,300

Total Year 2Page 186 of 187
\$ 54,950


[Save StormSite Project](#)

Data layers

None

Road map

Satellite map

☐ City boundary

Layer opacity

70 %

City infrastructure

☐ Pipes

Color by

☐ Structures

Color by

StormSensor network

Monitoring points: 20

Gateways: 3

☒ Monitoring points

☒ Marker labels

☒ Gateways

0 mi

Click map to add points

OFF

Tools

Measure distance

☒ Compare elevation

Clear

Additional height (m)