

GUARANTEED MAXIMUM PRICE AMENDMENT

EXHIBIT "R" TO CONSTRUCTION MANAGEMENT AGREEMENT DATED APRIL 7, 2025 BETWEEN VILLAGE OF WELLINGTON AND **BURKHARDT CONSTRUCTION, INC.** ("CONSTRUCTION MANAGER") FOR THE WELLINGTON TENNIS CENTER EXPANSION ("PROJECT") MADE THIS _____ DAY OF _____ 2025.

ARTICLE 1 - GUARANTEED MAXIMUM PRICE

1.1 Guaranteed Maximum Price ("GMP")

Pursuant to Section 3.2 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Cost of the Work, as that term is defined in Article 8 of this Agreement, and the Owner's Contingency. There shall be no Fee on Owner's Contingency unless and until such time as use of the Owner's Contingency is authorized by Owner. Notwithstanding, Manager's insurance and bond costs shall not be subject to Construction Manager's Fee.

1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed Two Million Fifty Thousand Dollars (\$2,050,00.00) subject to additions and deductions by Change Order as provided in the Contract Documents. The GMP is subject to Construction Manager's Assumptions and Clarifications to the GMP attached as **Exhibit "R5"**.

1.1.2 Allowances included in the Guaranteed Maximum Price are attached as **Exhibit "R4"**.

1.1.3 The Guaranteed Maximum Price includes a fixed amount for General Conditions and General Requirements of Three Hundred Four Thousand Two Hundred Eighty-Five Dollars (\$304,285) as detailed in **Exhibit "R7"**. Construction Manager's General Conditions and General Requirements are fixed and shall not be subject to increase or decrease unless authorized by written Change Order as set forth in the Agreement.

1.1.4 The GMP includes an Owner's Contingency in the amount of One Hundred Thirty-Four Thousand One Hundred Sixteen Dollars and Thirty Cents (\$134,116.30) to be utilized as set forth in 7.2.3 of the Agreement.

1.1.5 It is the intent and understanding of Construction Manager in providing a GMP for this Work, that the Drawings, Plans and Specifications listed in the attached **Exhibit "R1"** provide for the construction of completed Work by the Construction Manager, including all devices, fasteners, materials or other work not shown in the Drawings and Specifications but which are reasonably inferable therefrom and any and all incidental accessories necessary to make the Work complete and operable in all respects (even if not specified in the description of the Work, but necessary for proper installation and operation of the Work under the Drawings and Specifications), all of which shall be included as part of the Cost of the Work. The expression "reasonably inferable" and similar terms in the Contract Documents shall be interpreted to mean reasonably inferable by a construction manager and general contractor familiar with the Project, having performed extensive Preconstruction Services, and exercising the care, skill and diligence of the Construction Manager by the Contract Documents. Notwithstanding, the foregoing shall not be construed to impose any design responsibility or liability on Construction Manager except where such design responsibility is an existing requirement of Florida law or the Contract Documents.

1.2 Schedule of Values. The Schedule of Values allocating the Contract Sum to the various portions of the Work is attached as **Exhibit "R2"**. The Construction Manager shall not imbalance its Schedule of Values nor artificially inflate any element thereof. Any violation of this provision by the Construction Manager shall constitute a material breach of this Construction Management Agreement. The Schedule of Values shall allocate the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Manager's Fee shall be shown as a single separate item.

ARTICLE 2 – CONTRACT TIME

2.1 Date of Commencement. The Work to be performed under this Construction Management Agreement shall be commenced upon the issuance of a Notice to Proceed from Owner (“Date of Commencement”).

2.2 Contract Time. Construction Manager shall meet all Milestones outlined in **Exhibit “R3”** and the entire Project shall reach Substantial Completion no later than **199** calendar days from the Date of Commencement. Construction Manager shall reach Final Completion no later than **30** days from the delivery of the Punch List as outlined in Paragraph 14.04(G) of the General Conditions, subject to any authorized extensions of time as set forth in the Contract Documents. All Work shall be performed in an expeditious manner.

2.2.1 Liquidated Damages. The parties to this Agreement agree that time is of the essence in the performance of this Agreement. Substantial Completion of the Work under this Agreement, as defined in Article 1 of the General Conditions shall be no later than the Substantial Completion date set forth in Section 2.2 of this GMP Amendment, subject to authorized extensions of time as set forth in the Article 12 of the General Conditions. In the event the Work is not substantially completed by the completion date stated above, and has not been extended by Change Order, the Owner shall be entitled to collect liquidated damages. Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of Two Hundred Fifty Dollars **(\$250.00)** for each calendar day of unexcused delay for failure to achieve Substantial Completion of the Work. Further, Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of Two Hundred Fifty Dollars (\$250.00) as liquidated damages for each and every calendar day of unexcused delay for failure to achieve Final Completion. It is hereby agreed that the amount of the per diem assessment for liquidated damages for the Construction Manager’s failure to achieve Substantial Completion of the Work or Final Completion of the Work within the time specified in this Agreement is not a penalty and not excessive in light of the circumstances known to the parties at the time this Agreement is executed. The Owner’s exercise of its right to terminate this Agreement shall not release the Construction Manager from its obligation to pay liquidated damages in the amount set forth herein. Such assessments shall be immediately due and payable to the Owner or, at the Owner’s option, may be deducted from future payments that may be due and owing to Construction Manager. Any sums due and payable hereunder by the Construction Manager shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing this Agreement. Construction Manager’s liability for liquidated damages shall survive completion and termination of the Agreement and are in addition to Owner’s other remedies available under the Contract Documents and by law.

ARTICLE 3 - MISCELLANEOUS

3.1 In addition to Construction Manager’s and Subcontractor’s warranty set forth in 6.19 of the General Conditions, Construction Manager shall be responsible for providing the Extended Warranties as set forth in **Exhibit “R6”**.

3.2 The GMP Amendment incorporates the following exhibits:

- 1.** Drawings, plans and specifications listed in the attached List of Drawings attached hereto as **Exhibit “R1”**;
- 2.** Construction Manager’s Schedule of Values to be attached as **Exhibit “R2”**;
- 3.** Construction Schedule to be attached as **Exhibit “R3”**;
- 4.** Construction Manager’s Allowances to be attached as **Exhibit “R4”**;
- 5.** Construction Manager’s Assumptions and Clarifications to the GMP, if any, to be attached as **Exhibit “R5”**;
- 6.** List of extended warranties to be attached as **Exhibit “R6”**;

7. Construction Manager's Stipulated General Conditions and General Requirements to be attached as **Exhibit "R7"**.
8. Submittal Schedule to be attached as **Exhibit "R8"**.

This GMP Amendment and all Exhibits are hereby incorporated as part of the Contract Documents as defined in the Agreement.

3.3 Construction Manager shall deliver Public Construction Bond in accordance with Fla. Stat. §255.05 and the forms set forth as **Exhibit "E"** from a surety registered in Florida and acceptable to Owner for the full value of the Guaranteed Maximum Price, plus all change orders.

3.4 Other than as modified herein, the terms and conditions set forth in the Agreement, General Conditions and other Contract Documents remain in full force and effect.

IN WITNESS WHEREOF, Owner and Construction Manager have signed this GMP Amendment. One counterpart each has been delivered to Owner, Construction Manager, and the Engineer. All portions of the Contract Documents have been signed or identified by Owner and Construction Manager or by the Engineer on their behalf.

[SIGNATURES ON FOLLOWING PAGE]

OWNER:

VILLAGE OF WELLINGTON

By _____

Michael Napoleone, Mayor

Attest: _____

Chevelle Hall, Wellington's Clerk

(SEAL)

Address for giving notices

12300 Forest Hill Boulevard

Wellington, Florida 33414

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

Laurie Cohen, Attorney for Wellington

CONSTRUCTION MANAGER:

BURKHARDT CONSTRUCTION, INC.

By _____

Printed Name/Title _____

Attest: _____

Printed Name

(CORPORATE SEAL)

Address for giving notices

1400 Alabama Avenue #20

West Palm Beach, FL 33401

License No. CGC03711

Agent for service of process:

(If Construction Manager is a corporation, attach evidence
of authority to sign.)

**EXHIBIT R1
DRAWINGS, PLANS AND
SPECIFICATIONS**



Burkhardt Construction, Inc.

Printed on Fri May 30, 2025 at 01:16 pm EDT

Job #: 2503 PRECON - WELLINGTON TENNIS CENTER EXPANSION
3100 LYONS RD
WELLINGTON, Florida 33414
5617914000

Area 02 - Current Drawings

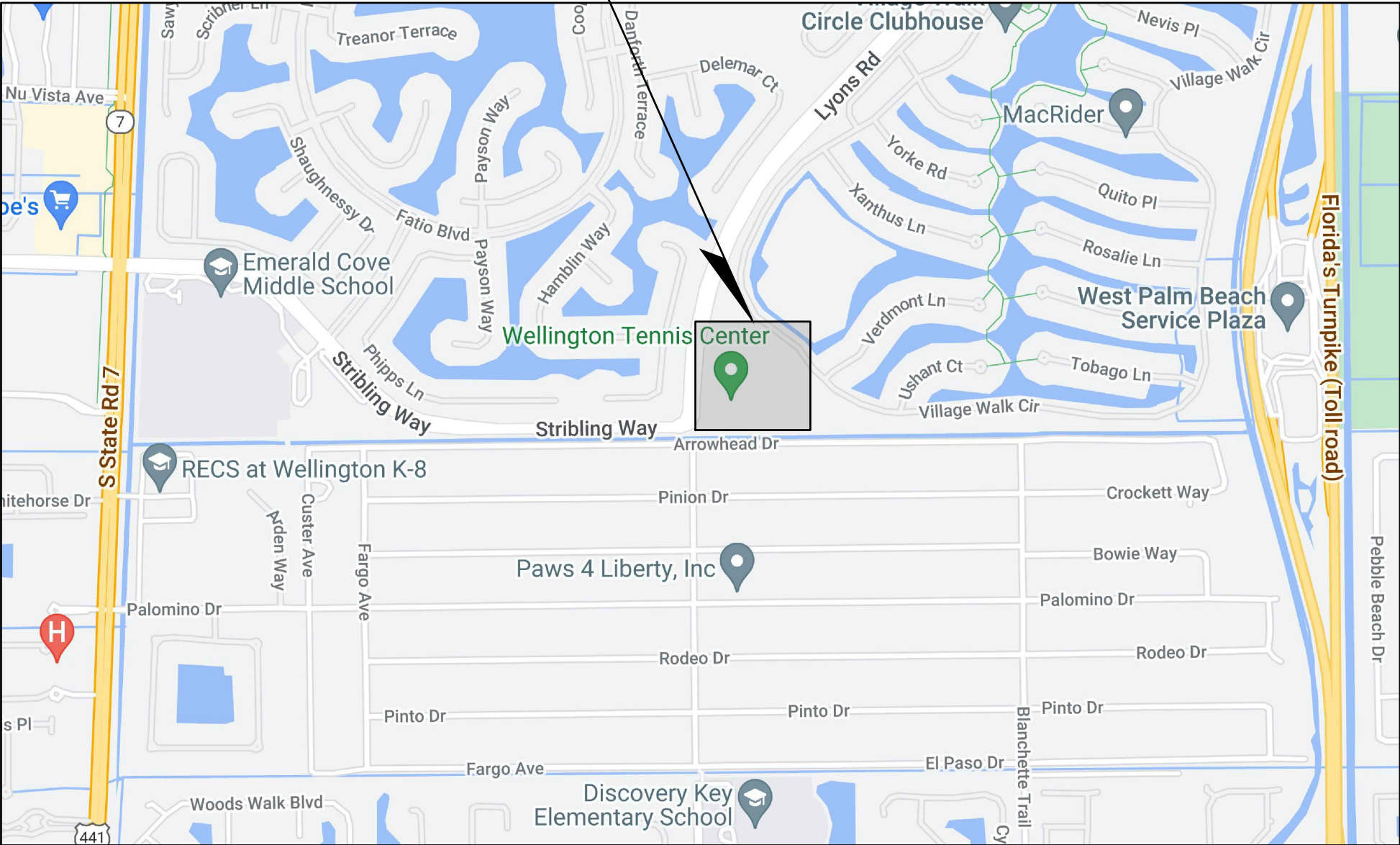
Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
Civil					
C0-1	COVER	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C0-2	NOTES	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C0-3	EXISTING SITE PLAN OVERALL VIEW	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C0-4	PROPOSED SITE PLAN OVERALL VIEW	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C0-5	SWPPP	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-1	EXISTING SITE AND DEMOLITION PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-2	PROPOSED SITE PLAN EXPANDED VIEW	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-3	PROPOSED COURT EXPANSION PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-4	WATER PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-5	DRAINAGE PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-6	COURT IRRIGATION PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-7	LANDSCAPE IRRIGATION MODIFICATIONS	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C1-8	GRADING POINTS TABLE AND TENNIS COURT NOTES	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C5-1	DETAILS	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C5-2	DETAILS	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
C5-3	DETAILS	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
Electrical					
E-1	ELECTRICAL SITE AND GENERAL NOTES	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
E-2	TENNIS COURTS ELECTRICAL PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
E-3	ELECTRICAL EQUIPMENT ENLARGE PLAN	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
E-4	SINGLE LINE DIAGRAM	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
E-5	ELECTRICAL DETAILS	0	02/28/2025	03/17/2025	CONFORMED SET (03/17/25)
E-6	TENNIS COURT LIGHT FIXTURE CUT SHEET	0	11/29/2024	03/17/2025	CONFORMED SET (03/17/25)

VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION
PREPARED FOR



PALM BEACH COUNTY, FL
FEBRUARY 2025

PROJECT LIMITS



LOCATION MAP
N.T.S.

VILLAGE COUNCIL
MICHAEL J. NAPOLEONE, MAYOR
JOHN T. MCGOVERN, VICE MAYOR
MARIA S. ANTUNA, COUNCILWOMAN
AMANDA SILVESTRI, COUNCILWOMAN
TANYA SISKIND, COUNCILWOMAN

VILLAGE MANAGER
JIM BARNES

VILLAGE ENGINEER & PROJECT MANAGER
JONATHAN REINSVOLD, PE

INDEX OF SHEETS	
SHEET NO.	SHEET DESCRIPTION
C0-1	COVER
C0-2	NOTES
C0-3	EXISTING SITE PLAN OVERALL VIEW
C0-4	PROPOSED SITE PLAN OVERALL VIEW
C0-5	SWPPP
C1-1	EXISTING SITE AND DEMOLITION PLAN
C1-2	PROPOSED SITE PLAN EXPANDED VIEW
C1-3	PROPOSED COURT EXPANSION PLAN
C1-4	WATER PLAN
C1-5	DRAINAGE PLAN
C1-6	COURT IRRIGATION PLAN
C1-7	LANDSCAPE IRRIGATION MODIFICATIONS
C1-8	GRADING POINTS TABLE AND TENNIS COURT NOTES
C5-1	DETAILS
C5-2	DETAILS
C5-3	DETAILS
E-1	ELECTRICAL SITE AND GENERAL NOTES
E-2	TENNIS COURTS ELECTRICAL PLAN
E-3	ELECTRICAL EQUIPMENT ENLARGE PLAN
E-4	SINGLE LINE DIAGRAM
E-5	ELECTRICAL DETAILS
E-6	TENNIS COURT LIGHT FIXTURE CUT SHEET
TOTAL NO. OF SHEETS: 22	

RECEIVED

BURKHARDT
CONSTRUCTION, INC.

By tony at 3:49:40 PM, 3/17/2025

CONFORMED SET
FEBRUARY 2025

CADD File: F:\well\wllm\CADD\DWG\TENNCS01_CO-1 COVER.dwg
PLOT DATE: Mar 17, 2025 - 11:08am

<div>Vertical Datum: NGVD29 P.A. No. WE009.00 Dwg. No. 44-42-19-05 Location: PALM BEACH COUNTY, FL</div> <div>Bar is equal to one inch on original drawing</div>				SEAL GARRY G. GRUBER Florida P.E. No. 60721 Date	MOCK•ROOS CONSULTING ENGINEERS 5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com Florida Reg. No. 48	Florida L.B. No. 48	VILLAGE OF WELLINGTON TENNIS CENTER EXPANSION VILLAGE OF WELLINGTON	COVER	C0-1					
	REVISIONS PER ADDENDUM 1													
	No.	Date	By	Revision										
	1/22/25		ZMS											

Exhibit R1 Drawings, Plans and Specifications

GENERAL NOTES:

1.

ALL ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
2.

TO CONVERT FORM NGVD 29 TO NAVD 88 DATUM SUBTRACT 1.56 FEET FROM THE NGVD 29 ELEVATION.
3.

ALL COORDINATES ARE NORTH AMERICAN DATUM OF 83/90.
4.

ALL LOCATIONS AND ELEVATIONS SHOWN FOR EXISTING GRADES FOR SURFACE AND SUBSURFACE STRUCTURES, PIPING, ETC. ARE BASED ON THE BEST AVAILABLE INFORMATION. WHILE EVERY ATTEMPT HAS BEEN MADE TO PROVIDE ACCURATE DATA, THE CONTRACTOR SHALL CONSIDER ALL LOCATIONS AND ELEVATIONS APPROXIMATE IN NATURE. PRIOR TO THE START OF CONSTRUCTION AND/OR ORDERING OF ANY MATERIALS OR FABRICATED ITEMS, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATIONS AND ELEVATIONS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" STRUCTURES, UTILITIES, ETC. NOT SHOWN ON THE DRAWINGS EXIST WITHIN THE AREA OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AS-BUILT INFORMATION AND WRITTEN NOTIFICATION OF ALL CONFLICTS WITH THE PROPOSED CONSTRUCTION TO THE ENGINEER. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK UNTIL ALL CONFLICTS HAVE BEEN RESOLVED.
5.

THE MAXIMUM ALLOWABLE LONGITUDINAL SLOPE OF THE SIDEWALK TRANSITIONS AND RAMPS SHALL BE 1 FOOT VERTICAL TO 12 FEET HORIZONTAL. THE MAXIMUM CROSS SLOPE OF THE SIDEWALK, TRANSITIONS AND RAMPS SHALL NOT EXCEED 2%.
6.

CONTRACTOR SHALL RESTORE IN KIND ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION DISTURBED BY THE CONTRACTOR'S ACTIVITIES INVOLVING CONSTRUCTION, STAGING AREAS, AND ACCESS ROADS. ALL DISTURBED NON-PAVED AREAS SHALL BE SODDED WITH BAHIA.
7.

CONTRACTOR SHALL COORDINATE WITH THE NECESSARY UTILITY COMPANIES AND SUNSHINE 811 (800-432-4770 OR 811) FOR ALL UTILITY LOCATES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
8.

THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES DUE TO CONSTRUCTION.
9.

ALL UTILITIES SHALL BE ADJUSTED TO NEW FINISH GRADES AND PROPERLY SET TO PAVEMENT CROSS SLOPE AS REQUIRED.
10.

MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH FDOT 102 SERIES STANDARD PLANS, FY 2023-2024 EDITION DESIGN STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. CONTRACTOR IS TO PROVIDE A MAINTENANCE OF TRAFFIC PLAN TO THE VILLAGE AND ALL APPLICABLE AGENCIES FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
11.

PALM BEACH COUNTY ROADWAYS OR SHOULDERS ENCRoACHED UPON OR DAMAGED DURING CONSTRUCTION SHALL INCLUDE RESTORATION OF THE FULL SHOULDER WIDTH AND/OR FULL TRAVEL LANE WIDTH TO THE NEXT LANE LINE AND A MINIMUM OF 50 FEET IN EITHER DIRECTION IN ACCORDANCE WITH PALM BEACH COUNTY/FDOT STANDARDS.
12.

ANY PAVEMENT MARKINGS DAMAGED BY CONSTRUCTION SHALL BE REPLACED AS PER PALM BEACH COUNTY TYPICAL T.P-13.
13.

PALM BEACH COUNTY SIDEWALKS, PATHWAYS, CURB AND GUTTER, AND/OR ADA FACILITIES AFFECTED BY CONSTRUCTION WILL REQUIRE RESTORATION OF ONE ADDITIONAL FLAG IN EITHER DIRECTION FROM THE POINT OF CONSTRUCTION TO PRE-CONSTRUCTION CONDITIONS OR BETTER IN ACCORDANCE WITH PALM BEACH COUNTY/FDOT STANDARDS.
14.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FY 2023-2024 EDITION, WITH THE EXCEPTION OF THE TYPE S ASPHALTIC CONCRETE WHICH SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2000 STANDARD SPECIFICATIONS, AND FDOT STANDARD PLANS, FY 2023-2024 EDITION. ALL FDOT INDEXES ARE INCORPORATED AS PLAN REFERENCES HEREIN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF THE LATEST EDITION OF FDOT INDEXES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY. AT A MINIMUM, THE CONTRACTOR SHALL COMPLY WITH ALL OSHA, STATE AND COUNTY SAFETY AND OCCUPATIONAL HEALTH STANDARDS, APPLICABLE ENVIRONMENTAL LAWS AND ANY OTHER APPLICABLE RULES, REGULATIONS AND PERMITS. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR TRAINING, SAFETY AND PROVIDING NECESSARY EQUIPMENT THROUGH THE TERM OF THE CONTRACT.
15.

THE CONTRACTOR SHALL COMPLY WITH THE VILLAGE OF WELLINGTON CODE OF ORDINANCES AND SHALL LIMIT THE HOURS OF CONSTRUCTION BETWEEN THE HOURS OF 7:00 A.M. AND 6:00 P.M. ON WEEKDAYS, AND BETWEEN 8:00 A.M. AND 4:00 P.M. ON SATURDAYS.
16.

IN THE CASE OF AN INCONSISTENCY BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT NOT CLARIFIED BY ADDENDUM, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL CONTROL.
17.

SOURCE AND DATE OF AERIAL PHOTOGRAPHY: PBC GIS DATED 2023
18.

WRITTEN DIMENSIONS HAVE PREFERENCE OVER SCALED DIMENSIONS.
19.

DEMOLITION SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL LAWS, RULES, AND ORDINANCES PERTAINING TO DEMOLITION OF MATERIALS.
20.

THE CONTRACTOR IS HEREBY DIRECTED TO THE PROJECT SPECIFICATIONS WHICH SUPPLEMENT THESE CONSTRUCTION DRAWINGS AND FURTHER PROVIDE DETAIL OF THE WORK AND WORKMANSHIP REQUIREMENTS FOR THE PROJECT. THE PROJECT SPECIFICATIONS FURTHER DESCRIBE THE SCOPE OF WORK, MATERIALS THAT ARE USED, INSTALLATION REQUIREMENTS AND QUALITY OF WORKMANSHIP. IT SHOULD BE NOTED THAT THE MAJORITY OF THE ELECTRICAL RELATED SPECIFICATIONS ARE CONTAINED WITHIN THESE CONSTRUCTION DRAWINGS. ALL WORK TO BE IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS.
21.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ESTIMATING PROPERLY THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK. PRIOR TO BIDDING THE PROJECT, AS WELL AS AGAIN PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING STEPS REASONABLY NECESSARY TO ASCERTAIN THE NATURE AND LOCATION OF THE WORK, AND INVESTIGATE AND SATISFY ONESELF AS TO THE GENERAL AND LOCAL CONDITIONS WHICH MAY AFFECT ITS COST, PROGRESS, PERFORMANCE OR SUCCESSFUL FURNISHING OF THE WORK. FURTHER, THE CONTRACTOR IS SOLELY RESPONSIBLE TO MAKE OR OBTAIN SUCH PROJECT SPECIFIC EXAMINATIONS, INVESTIGATIONS, EXPLORATIONS, TESTS AND STUDIES AND OBTAIN ANY ADDITIONAL INFORMATION AND DATA WHICH PERTAIN TO THE PHYSICAL CONDITIONS (SURFACE, SUBSURFACE AND UNDERGROUND FACILITIES) AT OR CONTIGUOUS TO THE PROJECT SITE OR OTHERWISE DETERMINED BY THE CONTRACTOR WHICH MAY AFFECT ITS COST, PROGRESS, PERFORMANCE OR SUCCESSFUL FURNISHING OF THE WORK. OWNER SHALL NOT BE RESPONSIBLE FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE CONTRACTOR BASED ON THE INFORMATION MADE AVAILABLE BY THE OWNER.
22.

CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE, IN CONFORMANCE WITH THESE SPECIFICATIONS, AND A PROJECT PHASING AND TEMPORARY FACILITIES PLAN TO THE ENGINEER AND OWNER FOR REVIEW. THE PLAN SHALL DEPICT EACH PHASE OF THE WORK AND INCLUDE COORDINATION WITH THE OPERATION OF THE OWNER'S FACILITIES AND THE COORDINATION OF THE VARIOUS ELEMENTS OF THE WORK. THE CONTRACTOR SHALL PROVIDE AN UPDATED PROGRESS CONSTRUCTION SCHEDULE WITH EACH APPLICATION FOR PAYMENT.
23.

ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF THE VILLAGE OF WELLINGTON, ALL INVOLVED UTILITY COMPANIES, THE PROJECT ENGINEER AND ALL REGULATORY AGENCIES. THE CONTRACTOR SHALL PROVIDE NOTIFICATION, 48 HOURS (MIN.), PRIOR TO ANY REQUIRED FIELD REVIEWS OR INSPECTIONS AND SHALL SUPPLY ALL NECESSARY EQUIPMENT, LABOR, AND MATERIALS FOR INSPECTION AND/OR TESTING.
24.

CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC PLAN(S) AS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH ALL MUNICIPAL, COUNTY, STATE AND FEDERAL LAWS AND REGULATIONS, AS APPLICABLE, AND SHALL SCHEDULE THE WORK TO CAUSE MINIMUM DISTURBANCE OF NORMAL PEDESTRIAN AND VEHICULAR TRAFFIC. ACCESS TO PRIVATE PROPERTIES AND PUBLIC SIDE STREETS SHALL BE PROVIDED AT ALL TIMES. CONTRACTOR SHALL COORDINATE ALL SITE WORK FOR PEDESTRIAN AND TRAFFIC CONTROL WITH THE VILLAGE OF WELLINGTON.
25.

THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION PRIOR TO RECEIPT OF ALL APPLICABLE PERMITS AND APPROVALS INCLUDING AN APPROVED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS OF THE PERMITS AND AGENCY APPROVALS.
26.

CONTRACTOR SHALL MAINTAIN A NEAT, ORDERLY, AND SAFE SITE AT ALL TIMES.
27.

THE CONTRACTOR SHALL IMPLEMENT TEMPORARY CONTROLS AND FACILITIES FOR ALL CONSTRUCTION ACTIVITIES AND SHALL COMPLY WITH ALL PERMITTING REQUIREMENTS OF FEDERAL, STATE AND LOCAL AGENCIES.
28.

CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A SPECIFIC DEWATERING PERMIT WITH AN ENGINEERED DEWATERING SYSTEM, IF DEWATERING IS REQUIRED. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH FDOT SPECIFICATIONS SECTION 104, THE FDEP NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (IF APPLICABLE), AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES SUCH AS SILT FENCES AND INLET PROTECTION WHERE NECESSARY IN ORDER TO COMPLY WITH THE STATE AND LOCAL WATER QUALITY STANDARDS. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL CONSTRUCTED AT ALL UNSTABILIZED CONSTRUCTION ACCESS POINTS, PER FDOT DESIGN STANDARDS (FY 2020-2021).
29.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUT AND CONSTRUCTION STAKING AND ESTABLISHING ALL LINES AND GRADES TOGETHER WITH ALL REFERENCE POINTS AS REQUIRED BY THE VARIOUS TRADES. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL SLOPE FINISHED GRADES UNIFORMLY BETWEEN OTHER FINISHED AND EXISTING GRADES. ALL DISTURBED AREAS SHALL BE APPROPRIATELY RESTORED IN KIND OR SODDED. FINAL SITE GRADES SHALL BE APPROVED BY COUNTY STAFF PRIOR TO CONSTRUCTION.
30.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT, THE FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, AND ALL APPLICABLE O.S.H.A. REQUIREMENTS. AT A MINIMUM, ALL OPEN TRENCHES, HOLES, OR CONCRETE FORMS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS..
31.

ALL VERTICAL AND HORIZONTAL LOCATIONS FOR EXISTING SURFACE AND SUBSURFACE STRUCTURES, UTILITIES, ETC. HAVE BEEN SHOWN ON THE DRAWINGS ACCORDING TO THE BEST INFORMATION AVAILABLE. LIMITED SUBSURFACE EXPLORATORY INVESTIGATION OF VILLAGE OF WELLINGTON UTILITIES WERE PERFORMED. UTILITY SERVICE LOCATIONS WERE NOT FIELD VERIFIED. THE CONTRACTOR SHALL CONSIDER ALL LOCATIONS APPROXIMATE IN NATURE. CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 556 REGARDING NOTIFICATION OF UTILITY OWNERS PRIOR TO EXCAVATION AND SHALL ALSO NOTIFY 1-800-432-4770 "SUNSHINE 811" AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO EXCAVATING. EVIDENCE OF SUCH NOTICE SHALL BE FURNISHED TO THE OWNER UPON REQUEST.
32.

PRIOR TO THE START OF CONSTRUCTION, BY-PASS, AND/OR ORDERING OF ANY MATERIALS OR FABRICATED ITEMS, THE CONTRACTOR SHALL CONFIRM, AT THEIR OWN EXPENSE, ALL EXACT VERTICAL AND HORIZONTAL LOCATIONS, AND SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" STRUCTURES, UTILITIES, ETC. NOT SHOWN ON THE DRAWINGS, EXIST WITHIN THE AREA OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ENGINEER WITH "AS-BUILT" INFORMATION AND WRITTEN NOTIFICATION OF ALL CONFLICTS WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK OR ORDERING OF ANY MATERIALS UNTIL ALL CONFLICTS HAVE BEEN RESOLVED.
33.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL, DISPOSAL, ABANDONMENT, AND RELOCATIONS NECESSARY TO COMPLETE THE WORK WHETHER SHOWN ON THE DRAWINGS OR NOT. CONTRACTOR SHALL COORDINATE RELOCATIONS WITH THE NECESSARY UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION AND RESETTLING UTILITIES TO NEW GRADE AND SLOPE WITHIN THE LIMITS OF CONSTRUCTION.
34.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT THE FINISHED WORK COMPLIES ACCURATELY WITH THE SPECIFICATIONS AND DRAWINGS.
35.

THE CONTRACTOR SHALL CAREFULLY REVIEW ALL SUBMITTALS PRIOR TO SUBMISSION TO THE ENGINEER. THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL FIELD MEASUREMENTS. REVIEW BY THE ENGINEER WILL BE ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND FOR COMPLIANCE WITH THE INFORMATION GIVEN IN THE SPECIFICATIONS AND DRAWINGS. ENGINEER'S REVIEW WILL NOT EXTEND TO MEANS, METHODS, SEQUENCES, TECHNIQUES OR PROCEDURES OF CONSTRUCTION, OR TO SAFETY PRECAUTIONS OR PROGRAMS INCIDENT THERETO.
36.

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK COMPETENTLY AND EFFICIENTLY, DEVOTING SUCH ATTENTION THERETO AND APPLYING SUCH SKILLS AND EXPERTISE AS MAY BE NECESSARY TO PERFORM THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS. ENGINEER'S REPRESENTATIVE MAY PERIODICALLY OBSERVE THE PROGRESS AND THE QUALITY OF THE EXECUTED WORK, HOWEVER, THESE OBSERVATIONS ARE FOR THE SOLE BENEFIT OF THE OWNER AND DO NOT RELIEVE THE CONTRACTOR OF ITS RESPONSIBILITIES.
37.

CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY. AT A MINIMUM, CONTRACTOR SHALL COMPLY WITH ALL OSHA, STATE AND COUNTY SAFETY AND OCCUPATIONAL HEALTH STANDARDS, APPLICABLE ENVIRONMENTAL LAWS AND ANY OTHER APPLICABLE RULES, REGULATIONS AND PERMITS. CONTRACTOR BEARS FULL RESPONSIBLE FOR TRAINING, SAFETY AND PROVIDING NECESSARY EQUIPMENT THROUGHOUT THE TERM OF THE CONTRACT.
38.

ALL REFERENCES REGARDING DESIGN CRITERIA BY OUTSIDE SOURCES OR AGENCIES SHALL BE PER LATEST PRINTED / POSTED EDITION AT THE TIME OF BIDDING, UNLESS OTHERWISE NOTED.

39.

CONTRACTOR SHALL USE CAUTION AND TAKE THE NECESSARY SAFETY PRECAUTIONS WHILE WORKING ADJACENT TO OVERHEAD POWER AND GROUND ELECTRIC.
40.

CONTRACTOR SHALL LIMIT ACCESS AND CONSTRUCTION OPERATIONS TO WITHIN PROJECT LIMITS. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE, ALL PROPERTY WITHIN OR IN PROXIMITY TO THE CONSTRUCTION SITE. IF ANY SUCH PROPERTY IS DAMAGED DUE TO ANY ACTIVITIES OF THE CONTRACTOR, OR SUBCONTRACTORS, SUPPLIERS, ETC., THE CONTRACTOR SHALL IMMEDIATELY RESTORE THE DAMAGED PROPERTY TO ITS ORIGINAL CONDITION, OR BETTER, AT THE SOLE EXPENSE OF THE CONTRACTOR.
41.

ALL SURVEY MONUMENTS WITHIN LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF IN DANGER OF DAMAGE THE CONTRACTOR SHALL NOTIFY: NATIONAL GEODETIC INFORMATION SERVICES CENTER NOAA NATIONAL GEODETIC SURVEY, NCG 17 SSMC 3, STATION 09202 SILVER SPRING, MARYLAND 20910-3282 TELEPHONE NO. (301) 713-3242.
42.

ALL TESTS, ANALYSES AND INSPECTIONS ARE TO BE PERFORMED BY A QUALIFIED INDEPENDENT TESTING LABORATORY AND SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE INDEPENDENT TESTING LABORATORY'S VISITS AND FOR THE COORDINATION OF THE TESTING WITH THE INDEPENDENT TESTING LABORATORY AND ENGINEER. ALL TEST RESULTS SHALL BE SIGNED & SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER AND COPIES SHALL BE PROVIDED TO THE ENGINEER OF RECORD AND THE VILLAGE OF WELLINGTON. TESTING LABORATORY SHALL BE ACCEPTED BY OWNER PRIOR TO CONTRACTOR'S USE.
43.

AREAS FOR THE STORAGE OF EXCAVATED MATERIAL ARE LIMITED. SUITABLE MATERIAL MAY BE REMOVED AND STORED OFFSITE AND RETURNED FOR BACKFILLING. ALL EXCESS FILL FROM THE SITE SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
44.

ALL SIDEWALKS SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF FDOT DESIGN STANDARDS, THE FLORIDA BUILDING CODE, CHAPTER 11 - FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT DESIGN STANDARDS AND THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. ALL SIDEWALKS SHALL BE MINIMUM OF 6' THICK. ALL WALKWAYS CROSSING VEHICULAR AREAS SHALL HAVE A PREFORMED DETECTABLE WARNING SURFACE (TRUNCATED DOMES) IN ACCORDANCE WITH FDOT DESIGN STANDARDS. ALL SIDEWALKS SHALL BE BROOM FINISHED WITH AN EVEN, DUSTLESS SURFACE AND SHALL BE FREE OF CRACKS AT TIME OF FINAL ACCEPTANCE BY THE VILLAGE OF WELLINGTON. CONTRACTOR TO PROVIDE MINIMUM 1/2" EXPANSION JOINTS AROUND ALL POLE BASES IN NEW CONCRETE SIDEWALK.

GENERAL SITE NOTES:

1.

THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL CODES, CITY CODES AND ALL COUNTY CODES AND THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS AND SHALL COORDINATE HIS WORK WITH THE ENGINEER AND OWNER.
2.

WATER ELEVATIONS SHOWN ON THE DRAWINGS ARE FROM THE DATE OF FIELD VISIT. WATER ELEVATIONS FLUCTUATE SEASONALLY. NO CONTRACT ADJUSTMENT SHALL BE MADE IF WATER ELEVATIONS DO NOT MATCH THE ELEVATIONS SHOWN ON THE DRAWINGS.
3.

ALL ORGANIC AND OTHER UNSUITABLE MATERIAL IN AREAS TO BE FILLED SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL IN ACCORDANCE WITH SOUND CONSTRUCTION PRACTICES.
4.

CONTRACTOR MUST TAKE REASONABLE PRECAUTIONS TO CONTROL DUST AT ALL TIMES, WHETHER OR NOT THE SITE IS ACTIVE, AT NIGHT TIME, ON WEEKENDS, OR ON HOLIDAYS. CONTRACTOR MUST ALSO NOT LET AIRBORNE DUST CROSS PROPERTY BOUNDARIES. CONTRACTOR SHALL WATER IF DIRECTED BY THE OWNER AND/OR AT SUFFICIENT FREQUENCY, QUANTITY, AND DEPTH, INCLUDING PRE-SOAKING TO CONTROL DUST AND PREVENT OBJECTIONABLE BLOWING OR DRIFTING OF DUST, SAND, AND OTHER DEBRIS.
5.

MATERIALS SHALL BE SELECTED FROM THE VILLAGE OF WELLINGTON APPROVED PRODUCTS LIST. CONTRACTOR IS TO REVIEW AND ONLY USE PRODUCTS THAT ARE LISTED WITHIN THE VILLAGE OF WELLINGTON'S APPROVED PRODUCT LIST (APL), UNLESS THEY HAVE EXPLICIT WRITTEN APPROVAL BY THE VILLAGE AND ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CURRENT COPY OF THE APPROVED PRODUCTS LIST AND IN THE CASE OF AN INCONSISTENCY BETWEEN APPROVED PRODUCTS LIST AND THE DRAWINGS, SPECIFICATIONS OR WITHIN EITHER DOCUMENT NOT CLARIFIED BY ADDENDUM, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL CONTROL. NOTE THE VILLAGE'S APL REQUIRED THAT ALL PRODUCTS BE DOMESTIC AND LEAD FREE BRASS.
6.

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (N.P.D.E.S.) DEVICES SHOWN ON THE DRAWING ARE THE MINIMUM REQUIRED DEVICES THAT ARE TO BE INSTALLED. CONTRACTOR SHALL UTILIZE ADDITIONAL CONSTRUCTION METHODS AND DEVICES SUCH AS TURBIDITY CURTAINS, SILT FENCES, AND FLOATING SILT BARRIERS WHERE NECESSARY IN ORDER TO COMPLY WITH THE STATE AND LOCAL WATER QUALITY STANDARDS AND NPDES REQUIREMENTS.
7.

CONTRACTOR SHALL PROVIDE A TEMPORARY 6' CHAINLINK FENCE DURING CONSTRUCTION TO RESTRICT PEDESTRIAN ACCESS AROUND THE WORK SITE(S). TEMPORARY FENCE MAY NOT SHOW ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY, PEDESTRIAN MOT, ACCESS RESTRICTION TO WORK/STORAGE AREAS, ETC.
8.

CONTRACTOR IS RESPONSIBLE TO TEST ALL SYSTEMS AND REPAIR OR REPLACE ALL DEFECTIVE WORK OR MATERIALS TO THE SATISFACTION OF THE OWNER AND ENGINEER.
9.

CONSTRUCTION NOISE RELATED TO THE CONTINUOUS OPERATION OF EQUIPMENT FROM 8PM TO 7AM SHALL BE LIMITED PER CODE OF ORDINANCES VILLAGE OF WELLINGTON, ARTICLE II. - NOISE STANDARDS, SEC. 13-8. - GENERAL PROHIBITIONS TO 50 dBA AT THE RECEIVING LAND.
10.

CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH LOCAL ORDINANCES INCLUDING WORK HOURS DURING THE DAY AND NIGHT. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE WATER UTILITY DEPARTMENT FOR ANY PLANNED WORK THAT CONFLICTS WITH LOCAL ORDINANCES.
11.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS, FOR STATIONS REQUIRING R.O.W. AND DRIVEWAY CONNECTION PERMITS FROM THE VILLAGE, COUNTY, OR DOT.
12.

IN LOCATIONS DIRECTLY ADJACENT TO PROPERTY OWNER THE CONTRACTOR TO COORDINATE CLOSELY WITH THESE PROPERTY OWNERS, PROVIDE CONSTRUCTION SCREENING, AND CONTRACTOR CANNOT STAGE WITHIN THE RESIDENT YARDS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS.
13.

CONTRACTOR SHALL PROVIDE A LIST OF EMPLOYEES AND SUBCONTRACTORS THAT WILL BE ACCESSING THE SITE. THIS LIST WILL BE PROVIDED TO THE VILLAGE OF WELLINGTON FOR CONTRACTORS ACCESS TO THE TENNIS CENTER. CONTRACTORS EMPLOYEES AND SUBCONTRACTORS VISITING THE SITE SHALL PROVIDE PROOF OF IDENTIFICATION FOR ACCESS TO TENNIS CENTER.
14.

CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS ON THE DRAWINGS PRIOR TO CONSTRUCTION AND EXPOSE BURIED LINES TO CONFIRM TIE IN LOCATION, PIPE DIAMETER, END CONNECTION AND MATERIAL PRIOR TO ORDERING MATERIALS FOR CONSTRUCTION.
15.

CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE OF THE IMMEDIATE WORK AREA. IF WORK IS REQUIRED BEYOND THE WORK AREA, THE CONTRACTOR SHALL OBTAIN AN APPROVAL LETTER FROM THE VILLAGE STAFF IN WRITING BEFORE PROCEEDING WITH WORK.
16.

CONTRACTOR SHALL BE RESPONSIBLE FOR SET-UP OF STAGING AREA(S). COORDINATE LOCATION OF STAGING AREA SET-UP WITH VILLAGE STAFF.
17.

NO TRENCHES OR HOLES NEAR WALKWAY, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN WHILE THE CONTRACTOR IS NOT ONSITE. STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT. CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY.
18.

ALL EXISTING NYLOPLAST STRUCTURES, INLINE DRAINS, CATCH BASINS AND MANHOLES IMPACTED BY CONSTRUCTION SHALL BE ADJUSTED TO MATCH FINAL GRADES.
19.

ALL VALVES INSTALLED OUTSIDE OF CONCRETE OR ASPHALT SHALL HAVE A CONCRETE COLLAR CAST AROUND THE VALVE BOX.
20.

CONTRACTOR SHALL REPAIR EXISTING IRRIGATION DAMAGED DURING CONSTRUCTION WITHIN 48 HOURS.
21.

CONTRACTOR SHALL CONSTRUCT HARD TENNIS COURTS (3) IN ACCORDANCE WITH FAST-DRY COURTS (FDC) HARD ASPHALT COURT STANDARDS. CONTRACTOR SHALL CONSTRUCT CLAY TENNIS COURTS (3) IN ACCORDANCE WITH FAST-DRY COURTS (FDC) HYDROCOURT STANDARDS. CONTRACTOR SHALL SUBMIT WRITTEN VERIFICATION PROVIDED BY FAST-DRY COURTS, INC. THAT THE TENNIS COURT CONTRACTOR IS AN AUTHORIZED FDC CONTRACTOR. ALL MATERIALS AND EQUIPMENT UTILIZED IN THE CONSTRUCTION OF THE TENNIS COURT SYSTEMS SHALL BE MANUFACTURED BY AN AUTHORIZED MANUFACTURER OF FDC.

LOCATION OF UTILITIES:

1.

UNDERGROUND UTILITIES SHOWN IN THESE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. CONTRACTOR SHALL CONTACT SUNSHINE 811 AND NOTIFY THE VILLAGE OF WELLINGTON TWO BUSINESS DAYS BEFORE DIGGING OR TRENCHING OPERATIONS BEGIN.
2.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AN EXCAVATION PERMIT FROM THE AUTHORITY OF JURISDICTIONS PRIOR TO ANY EXCAVATION OR DEMOLITION WORK, AS REQUIRED BY LOCAL LAWS.
3.

IT MAY BE NECESSARY FOR CONTRACTOR TO CONDUCT SOFT/HARD DIGS TO CONFIRM LOCATION OF UTILITIES, COST TO CONDUCT SOFT/HARD DIGS SHALL BE CONSIDERED INCIDENTAL.
4.

ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.
5.

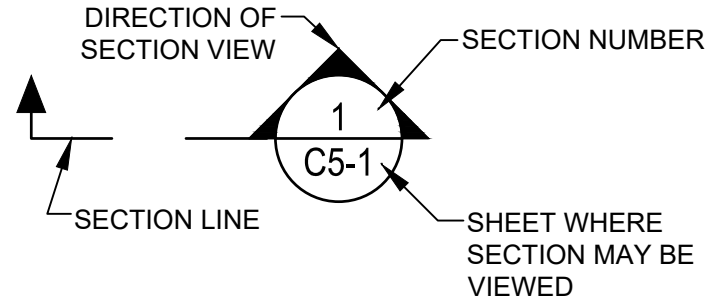
SHOULD CONFLICTS ARISE BETWEEN THE PROPOSED IMPROVEMENTS SHOWN AND THE LOCATION OF EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR RESOLUTION PRIOR TO ORDERING MATERIALS. STARTING BY-PASS OPERATIONS, AND/OR INSTALLATION.
6.

THERE MAY BE OTHER UNDERGROUND UTILITIES THAT EXIST THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY WHETHER OR NOT ANY OTHER UTILITIES EXIST PRIOR TO CONSTRUCTION OR ORDERING MATERIALS THAT WOULD INTERFERE WITH THE PROPOSED IMPROVEMENTS AND NOTIFY OWNER AND ENGINEER IMMEDIATELY.

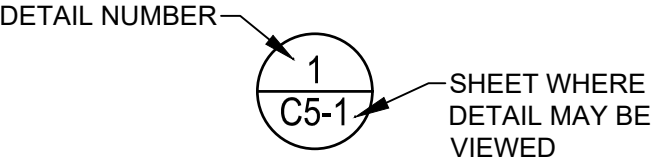
LEGEND

	ASPHALT
BTM	BOTTOM
	CENTER LINE
CLF	CHAINLINK FENCE
	CHAINLINK FENCE
	CONCRETE
CO	CLEAN OUT
CE	CONTROL ELEVATION
	DETECTABLE WARNING SURFACE
DIP	DUCTILE IRON PIPE
E	EAST
EOW	EDGE OF WATER
EXIST	EXISTING
	FDOT CURB RAMP TYPE
FO	FIBER OPTIC CABLE
	FIRE HYDRANT
FH	FIRE HYDRANT
	FLOW DIRECTION
HPPP	HIGH-PERFORMANCE POLYPROPYLENE PIPE
	INLET
INV	INVERT
	MANHOLE SANITARY
	MANHOLE STORM
N	NORTH
NO.	NUMBER
NTS	NOT TO SCALE
NYLO	NYLOPLAST
	OVERHEAD WIRE
PROP	PROPOSED
16.50	PROPOSED ELEVATION
	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
	RECLAIMED WATER MAIN
RPZD	REDUCED PRESSURE ZONE DEVICE
RED	REDUCER
	SAMPLE POINT
	SILT FENCE
	SLOPE
S	SOUTH
SSWR	SANITARY SEWER
STR	STRUCTURE
SUA	SEACOAST UTILITY AUTHORITY
TOB	TOP OF BANK
	UTILITY CONFLICT
UE	UTILITY EASEMENT
UG	UNDERGROUND ELECTRIC
	VALVE
	WATER MAIN
W	WEST

CIVIL SECTION VIEW, CALL OUT SYMBOL



CIVIL DETAIL, CALL OUT SYMBOL



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As per all scaled dimensions accordingly

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P.A. No.
WE009.00
Dwg. No.
44-42-19-05
Location:
PALM BEACH COUNTY, FL

	1/22/25	ZMS	REVISIONS PER ADDENDUM 1
No.	Date	By	Revision



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GARRY G. GRUBER
Florida P.E. No. 60721

Date

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CONSULTING ENGINEERS

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(561) 683-3113, www.MockRoos.com

Florida Reg. No. 48

Florida L.B. No. 48

VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

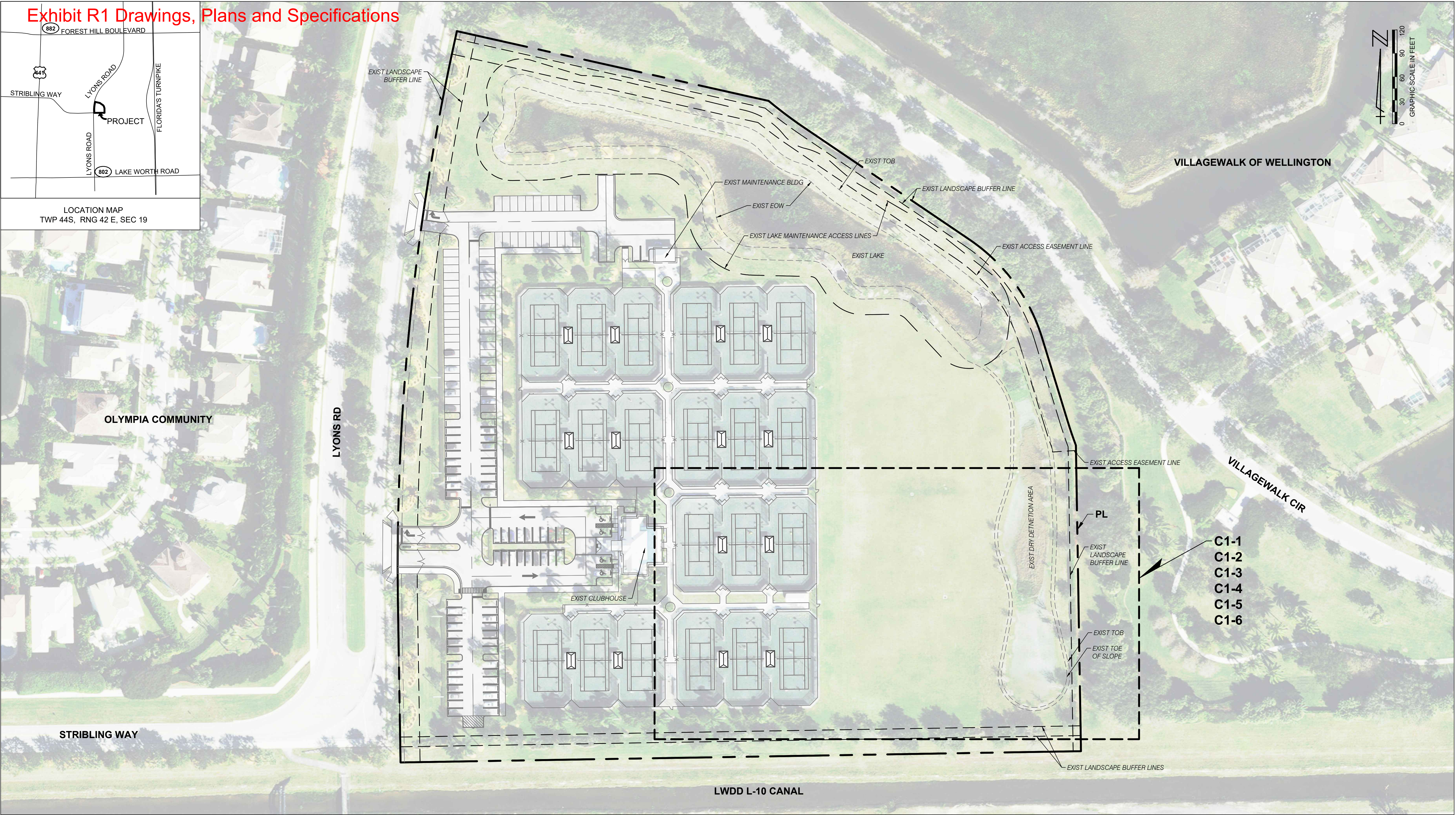
VILLAGE OF WELLINGTON

NOTES

C0-2

FEBRUARY 2025

Exhibit R1 Drawings, Plans and Specifications



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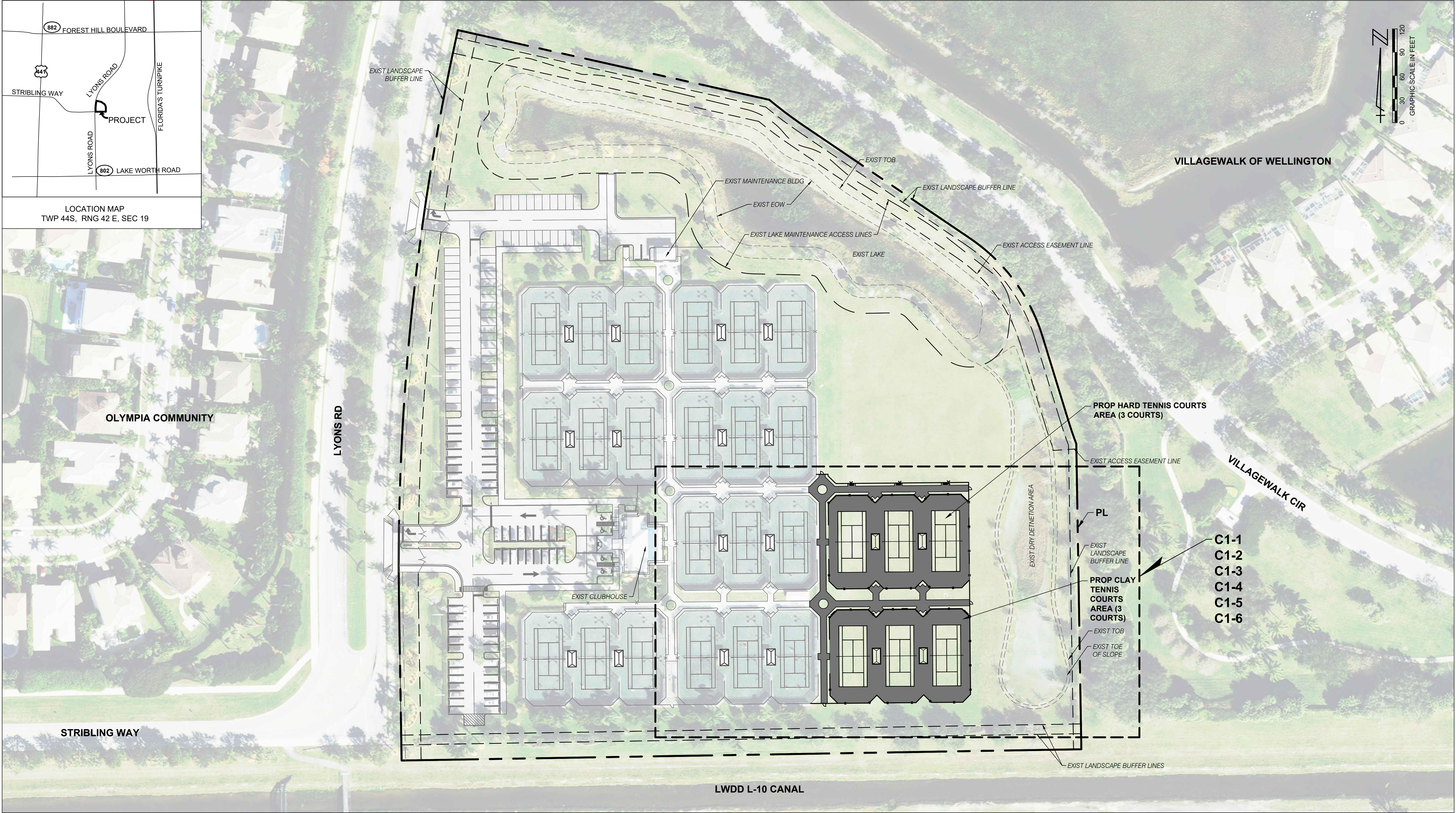
VILLAGE OF WELLINGTON

EXISTING SITE PLAN
OVERALL VIEW

FEBRUARY 2025

C0-3

Exhibit R1 Drawings, Plans and Specifications



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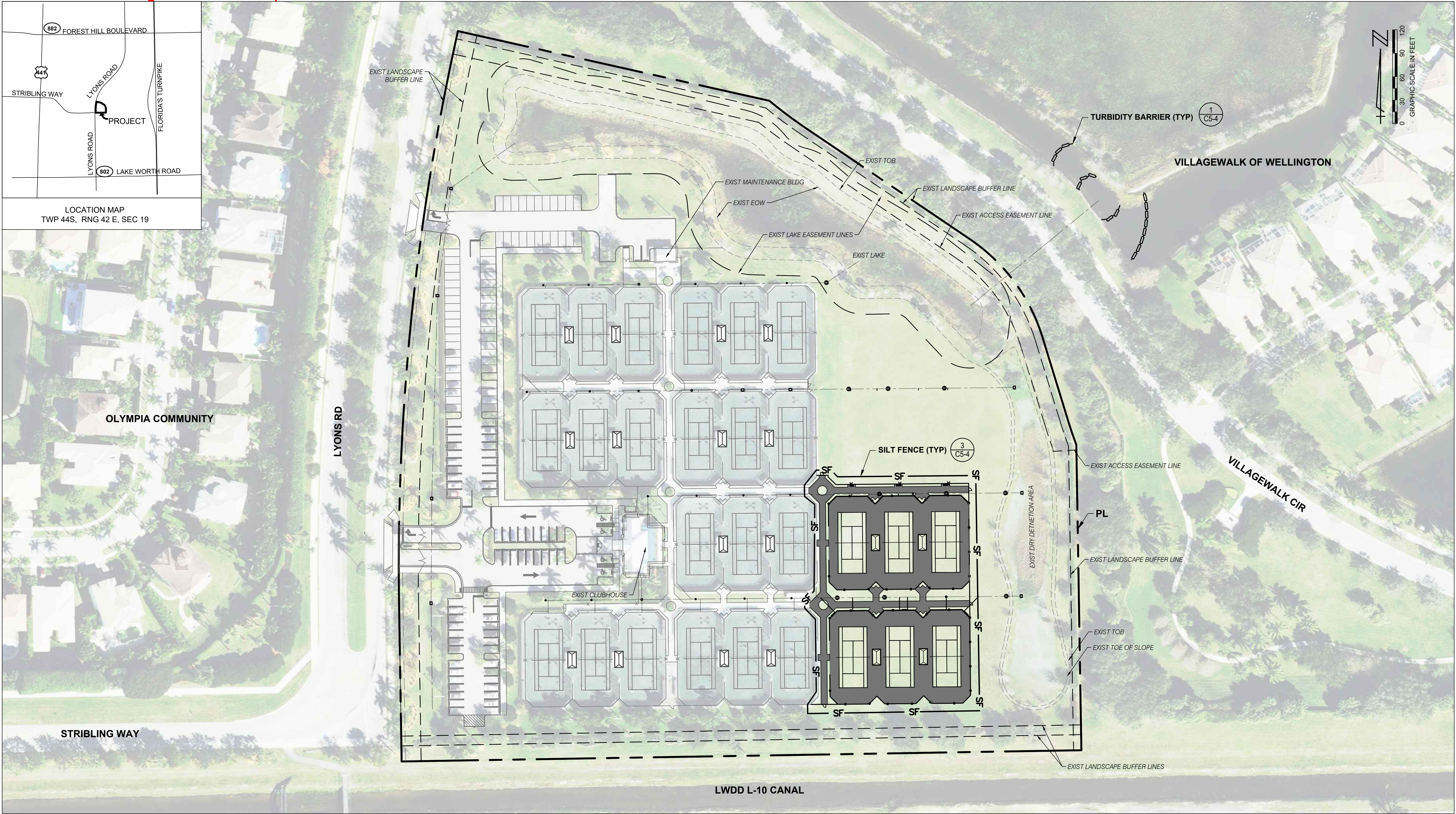
VILLAGE OF WELLINGTON

PROPOSED SITE
PLAN OVERALL VIEW

FEBRUARY 2025

C0-4

Exhibit R1 Drawings, Plans and Specifications



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TENNIS CENTER
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VILLAGE OF WELLINGTON

SWPPP

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C0-5

Exhibit R1 Drawings, Plans and Specifications



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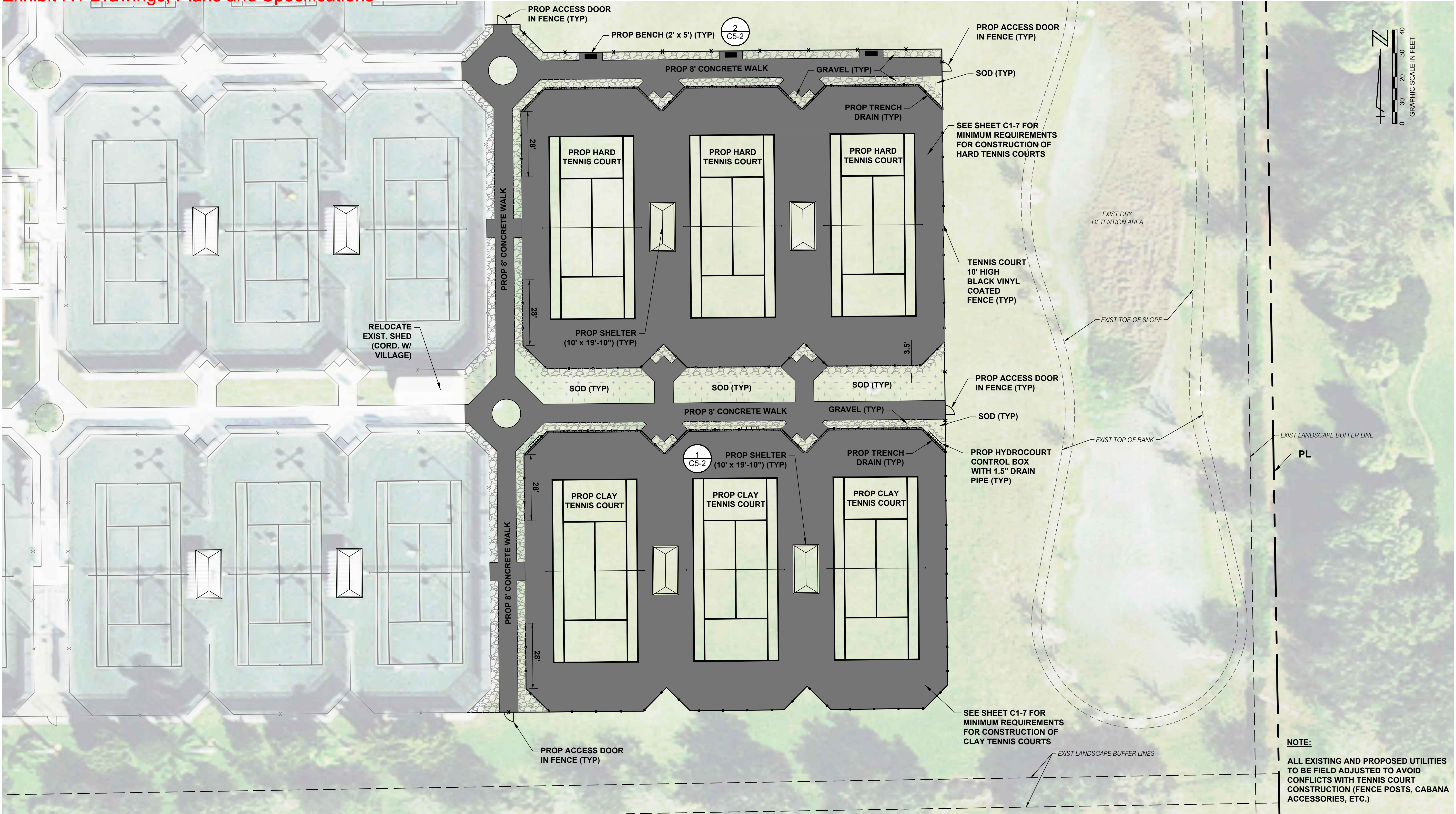
VILLAGE OF WELLINGTON

EXISTING SITE AND
DEMOLITION PLAN

FEBRUARY 2025

C1-1

Exhibit R1 Drawings, Plans and Specifications



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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

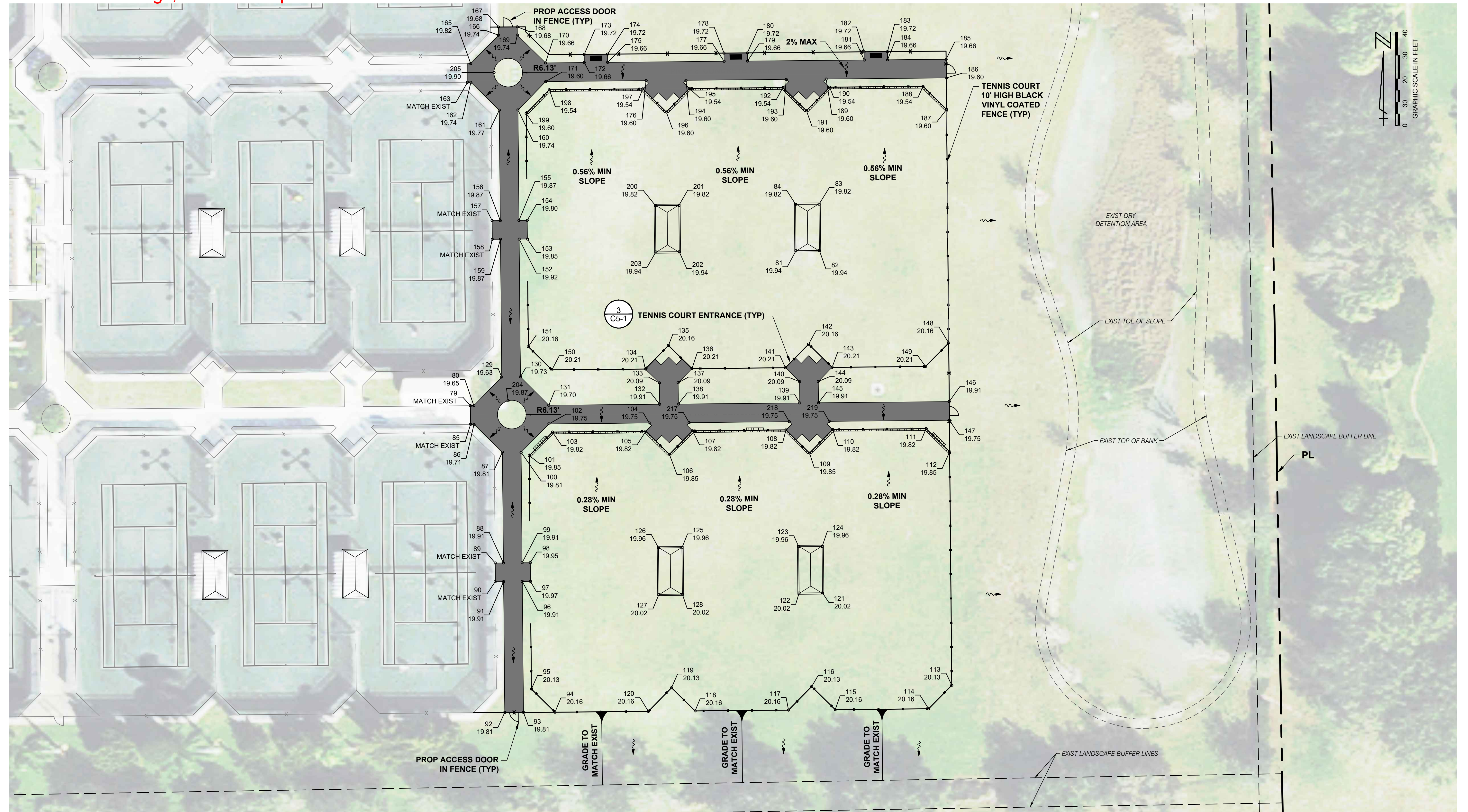
VILLAGE OF WELLINGTON

PROPOSED SITE
PLAN EXPANDED
VIEW

FEBRUARY 2025

C1-2

Exhibit R1 Drawings, Plans and Specifications



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Vertical Datum:
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WE009.00

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VILLAGE OF WELLINGTON TENNIS CENTER EXPANSION

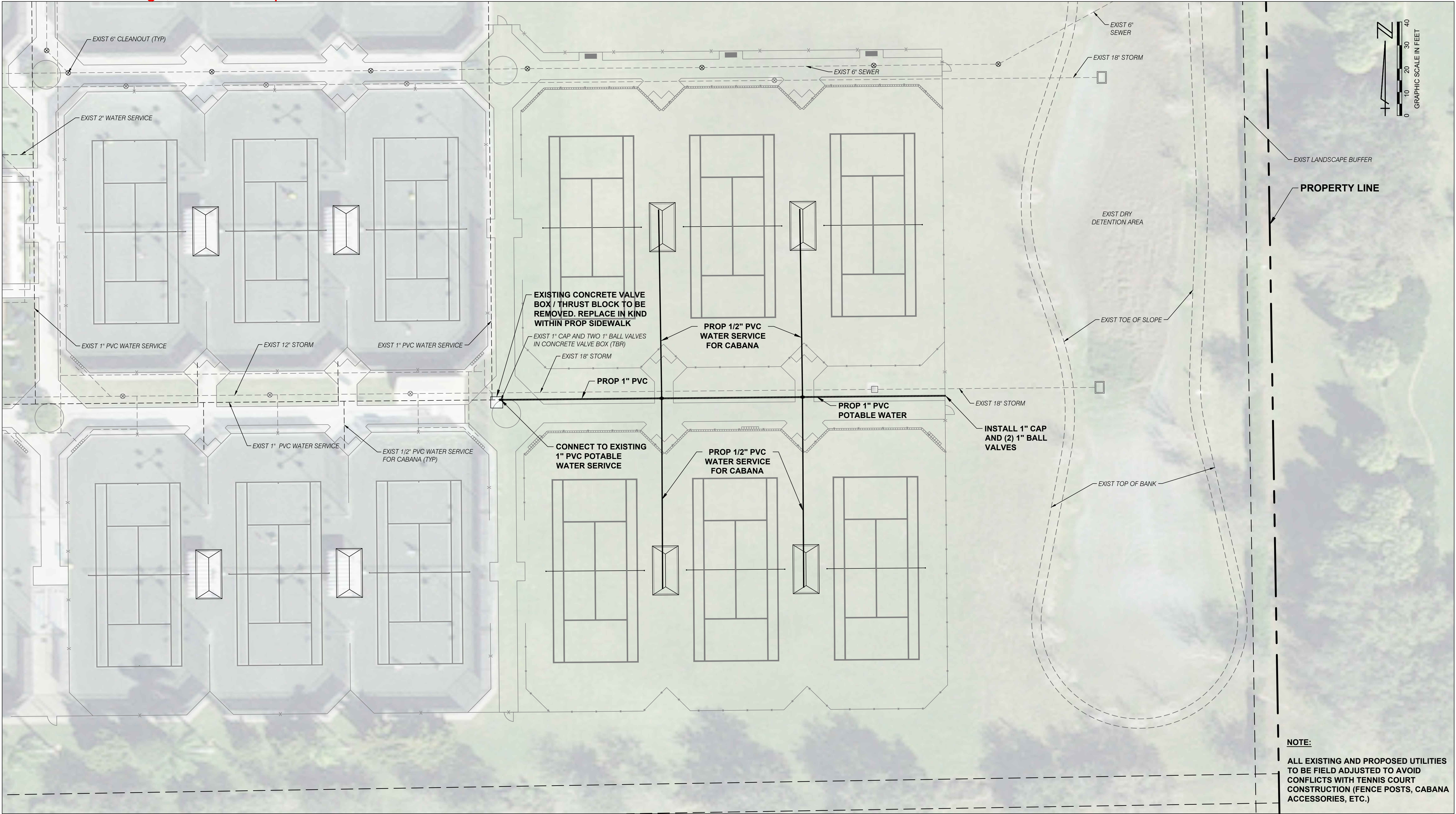
VILLAGE OF WELLINGTON

PROPOSED COURT EXPANSION PLAN

FEBRUARY 2025

C1-3

Exhibit R1 Drawings, Plans and Specifications



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Agree all scaled dimensions accordingly

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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

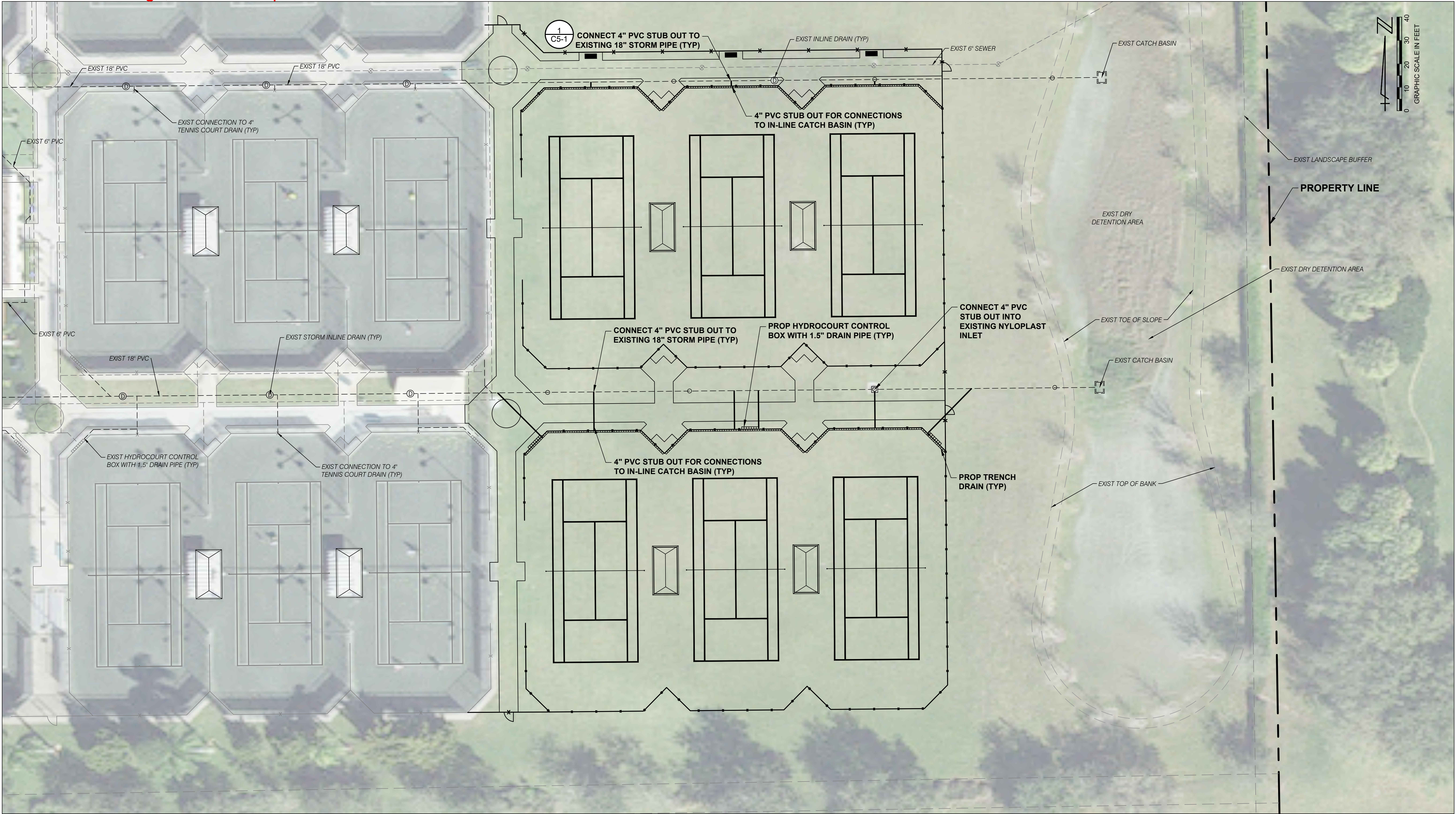
VILLAGE OF WELLINGTON

WATER PLAN

FEBRUARY 2025

C1-4

Exhibit R1 Drawings, Plans and Specifications



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(561) 683-3113, www.MockRoos.com

Florida Reg. No. 48

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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

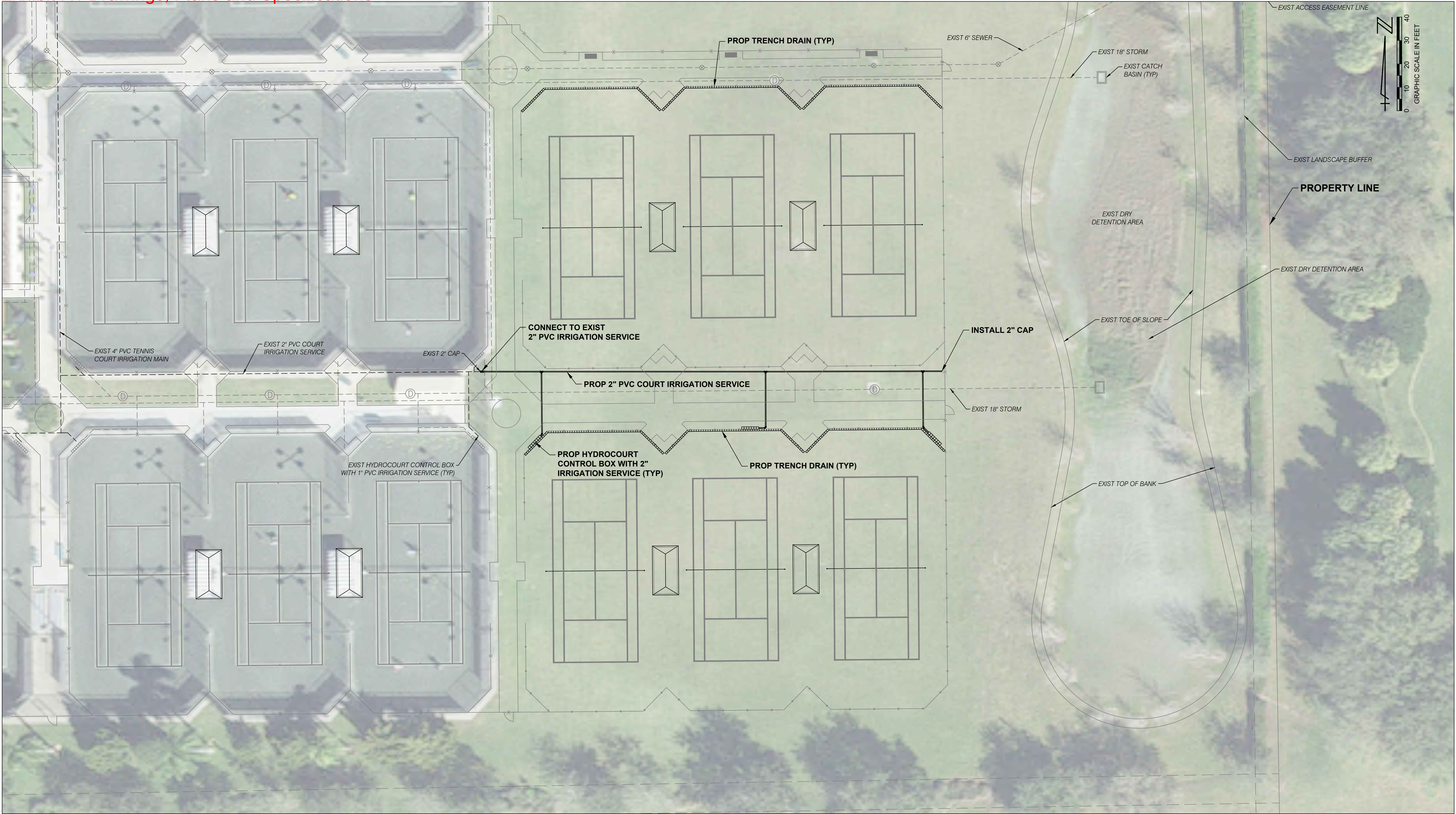
VILLAGE OF WELLINGTON

DRAINAGE PLAN

FEBRUARY 2025

C1-5

Exhibit R1 Drawings, Plans and Specifications



CADD File: F:\well\wlm\CADD\DWG\TENNCNS01_C1-5 EXISTING IRRIGATION.dwg
PLOT DATE: Mar 17, 2025 - 11:08am

Bar is equal to one inch on original drawing
As per all scaled dimensions accordingly

Vertical Datum:
NGVD29
P.A. No.
WE009.00
Dwg. No.
44-42-19-05
Location:
PALM BEACH COUNTY, FL

No.	Date	By	Revisions
1	1/22/25	ZMS	REVISIONS PER ADDENDUM 1

RECEIVED

BURKHARDT
CONSTRUCTION, INC.

By tony at 3:49:40 PM, 3/17/2025

SEAL

GARRY G. GRUBER
Florida P.E. No. 60721

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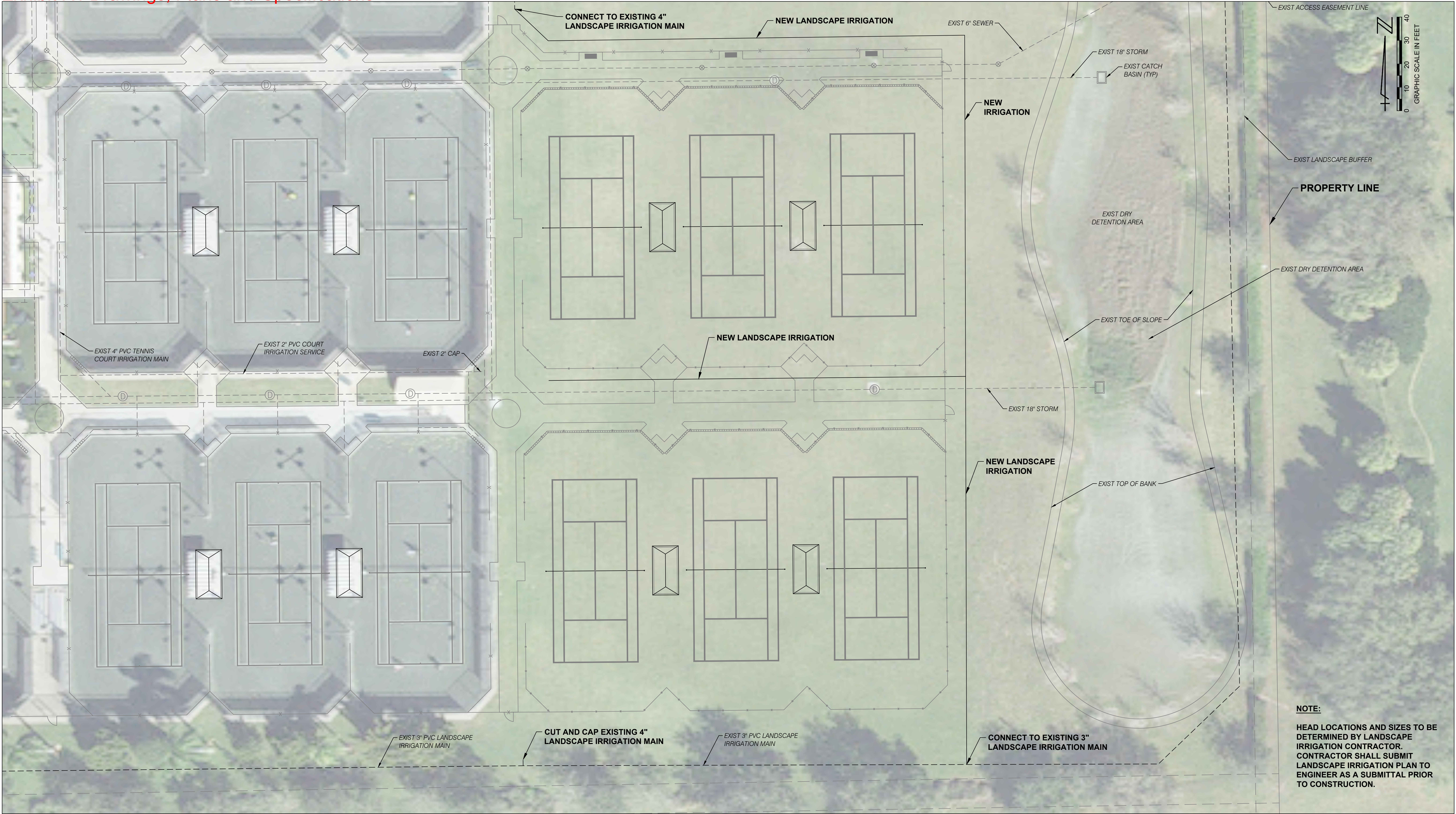
VILLAGE OF WELLINGTON

COURT IRRIGATION
PLAN

FEBRUARY 2025

C1-6

Exhibit R1 Drawings, Plans and Specifications



CADD File: F:\well\cadd\dwg\tenn\csg01_C1-6 EXISTING LANDSCAPE IRRIGATION.dwg
PLOT DATE: Mar 17, 2025 - 11:08am

Bar is equal to one inch on original drawing

Agree all scaled dimensions accordingly

Vertical Datum: NGVD29				
P.A. No. WE009.00				
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VILLAGE OF WELLINGTON

LANDSCAPE
IRRIGATION
MODIFICATIONS

FEBRUARY 2025

C1-7

Exhibit R1 Drawings, Plans and Specifications

Point Table			
Point #	Elevation	Northing	Easting
79	19.65	836523.05	921414.63
80	19.65	836523.06	921416.10
81	19.94	836589.42	921554.05
82	19.94	836589.50	921564.05
83	19.82	836609.33	921563.89
84	19.82	836609.25	921553.89
85	19.71	836515.05	921414.71
86	19.71	836515.06	921416.17
87	19.81	836503.12	921428.33
88	19.91	836455.68	921428.76
89	19.92	836455.64	921425.26
90	19.92	836447.64	921425.26
91	19.91	836447.68	921428.84
92	19.81	836391.63	921429.35
93	19.81	836391.67	921437.35
94	20.16	836391.74	921450.86
95	20.13	836401.66	921440.75
96	19.91	836447.75	921436.84
97	19.97	836447.78	921440.34
98	19.95	836455.78	921440.27
99	19.91	836455.75	921436.77
100	19.81	836503.06	921436.34
101	19.85	836501.63	921439.84
102	19.75	836515.22	921448.28
103	19.82	836511.73	921449.77
104	19.75	836515.61	921491.17
105	19.82	836512.10	921489.75
106	19.85	836502.19	921499.84
107	19.82	836512.27	921509.76
108	19.82	836512.64	921549.74
109	19.85	836502.74	921559.83
110	19.82	836512.81	921569.76
111	19.82	836513.19	921609.74
112	19.85	836503.28	921619.83
113	20.13	836403.29	921620.74
114	20.16	836393.19	921610.83
115	20.16	836392.83	921570.84
116	20.13	836402.74	921560.75
117	20.16	836392.65	921550.84
118	20.16	836392.28	921510.84
119	20.13	836402.19	921500.75
120	20.16	836392.10	921490.84
121	20.02	836442.87	921565.37
122	20.02	836442.79	921555.37
123	19.96	836462.62	921555.21

Point Table			
Point #	Elevation	Northing	Easting
124	19.96	836462.70	921565.21
125	19.96	836462.16	921505.21
126	19.96	836462.08	921495.21
127	20.02	836442.25	921495.37
128	20.02	836442.32	921505.37
129	19.63	836535.30	921428.04
130	19.73	836535.37	921436.05
131	19.70	836523.22	921448.21
132	19.91	836523.65	921495.66
133	20.09	836532.79	921495.57
134	20.21	836538.73	921489.52
135	20.16	836548.82	921499.43
136	20.21	836538.91	921509.52
137	20.09	836532.86	921503.57
138	19.91	836523.72	921503.66
139	19.91	836524.20	921555.65
140	20.09	836533.34	921555.57
141	20.21	836539.27	921549.52
142	20.16	836549.37	921559.43
143	20.21	836539.47	921569.52
144	20.09	836533.42	921563.57
145	19.91	836524.27	921563.65
146	19.91	836524.79	921619.65
147	19.75	836516.78	921619.72
148	20.16	836549.91	921619.42
149	20.21	836539.82	921609.52
150	20.21	836538.36	921449.54
151	20.16	836548.29	921439.43
152	19.92	836594.37	921435.51
153	19.85	836594.41	921439.02
154	19.80	836602.41	921438.95
155	19.87	836602.37	921435.44
156	19.87	836602.30	921427.44
157	19.85	836602.27	921423.94
158	19.85	836594.27	921424.02
159	19.87	836594.30	921427.50
160	19.74	836649.68	921435.01
161	19.77	836649.62	921427.00
162	19.74	836661.56	921414.82
163	19.74	836661.54	921413.37
165	19.82	836669.56	921414.77
166	19.74	836681.72	921426.71
167	19.68	836685.22	921426.67
168	19.68	836685.29	921434.69
169	19.74	836681.79	921434.71

Point Table			
Point #	Elevation	Northing	Easting
170	19.66	836669.85	921446.80
171	19.60	836661.86	921446.87
172	19.66	836670.00	921463.40
173	19.72	836673.50	921463.36
174	19.72	836673.58	921473.36
175	19.66	836670.09	921473.40
176	19.60	836662.24	921489.84
177	19.66	836670.54	921523.24
178	19.72	836674.04	921523.21
179	19.66	836670.64	921533.24
180	19.72	836674.13	921533.21
181	19.66	836671.09	921583.25
182	19.72	836674.58	921583.22
183	19.72	836674.67	921593.22
184	19.66	836671.18	921593.25
185	19.66	836671.41	921618.31
186	19.60	836663.41	921618.39
187	19.60	836649.91	921618.51
188	19.54	836659.81	921608.42
189	19.60	836662.94	921566.94
190	19.54	836659.45	921568.42
191	19.60	836649.36	921558.51
192	19.54	836659.27	921548.42
193	19.60	836662.79	921549.84
194	19.60	836662.40	921506.94
195	19.54	836658.91	921508.43
196	19.60	836648.81	921498.52
197	19.54	836658.72	921488.43
198	19.54	836658.36	921448.45
199	19.60	836648.25	921438.52
200	19.82	836608.70	921493.89
201	19.82	836608.78	921503.89
202	19.94	836588.95	921504.05
203	19.94	836588.87	921494.05
204	19.87	836525.13	921430.76
205	19.90	836665.71	921424.71
217	19.75	836515.77	921508.29
218	19.75	836516.16	921551.17
219	19.75	836516.31	921568.29

HARD TENNIS COURT CONSTRUCTION - MINIMUM REQUIREMENTS:

1. (3) ASPHALT TENNIS COURTS, IN ONE BATTERY, MEASURING 180' x 120' - CONFIGURED AS SHOWN ON SITE PLAN WITH CALIFORNIA CORNERS
2. SURFACE TO BE PROPERLY SLOPED 1" IN 10' AND SUB BASE ± 7-1/2” BELOW FINISH GRADE
3. INSTALL BESSER BLOCK PERIMETER CURB
4. PROVIDE 6” ROCK BASE LASER GRADED, COMPACTED TO 98% DENSITY AND PRIMED AND PAVE WITH 1-1/2” VIRGIN TYPE S-III HOT MIX ASPHALT
5. INSTALL THREE (3) PAIR OF NET POST FOOTERS WITH PVC SLEEVES AND CENTER ANCHORS
6. PRESSURE CLEAN AND FINE PATCH SURFACE AFTER UP TO 45-DAY CURE TIME AND APPLY 1 COAT OF LAYKOLD ACRYLIC RESURFACER USED FOR SMOOTHING ROUGH, NEW PAVEMENTS AND FILLING VOIDS; APPLY A FIBERGLASS MEMBRANE OVER THE ENTIRE SURFACE TO ACT AS A RETARDANT FOR FUTURE CRACKING
7. APPLY 4 COAT ACRYLIC COLOR SYSTEM, INCLUDING 2 COATS OF LAYKOLD ACRYLIC RESURFACER, 2 COATS OF TROPICOAT® ACRYLIC COURT PAINT AND PLAYING LINES TO USTA SPECIFICATIONS
8. FURNISH AND INSTALL THREE (3) PAIR OF NEVERRUST ALL-ALUMINUM EXTERNAL WIND NET POSTS, AND SIX STAR II NETS WITH CENTER STRAPS, AND ANCHOR MATES WITH LOCKING BANDS
9. CONTRACTOR SHALL FURNISH AND INSTALL ACO SPORT SYSTEM 4000 TRENCH DRAIN (OR APPROVED EQUAL) WITH H.P.P. GRATES
10. CONTRACTOR SHALL SUBMIT SHOP / INSTALLATION DRAWINGS PRIOR TO CONSTRUCTION OF COURTS.

CLAY TENNIS COURT CONSTRUCTION - MINIMUM REQUIREMENTS:

1. (3) HYDROCOURT TENNIS COURTS, IN ONE BATTERY, MEASURING 180' X 120' - CONFIGURED AS SHOWN ON SITE PLAN WITH CALIFORNIA CORNERS
2. SURFACE TO BE PROPERLY SLOPED 1" IN 30' AND SUB BASE ± 4-1/2” BELOW FINISH GRADE
3. INSTALL BESSER BLOCK PERIMETER CURB
4. PROVIDE AND PLACE ± 3-1/2” SCREENING SAND BASE, PATENTED HYDROCOURT IRRIGATION SYSTEM WITH DUAL LINERS; 1” GREEN ROCK HYDROBLEND SURFACE AND HERRINGBONE STYLE LINE TAPES TO USTA SPECIFICATIONS SECURED WITH 3” ALUMINUM NAILS
5. INSTALL THREE (3) PAIR OF NET POST FOOTERS WITH PVC SLEEVES AND CENTER ANCHORS. FURNISH AND INSTALL THREE (3) PAIR OF NEVERRUST ALL-ALUMINUM EXTERNAL WIND NET POSTS, AND STREAMLINER NETS WITH CENTER STRAPS, AND ANCHOR MATES WITH LOCKING BANDS
6. FURNISH AND INSTALL THREE (3) PAIR OF NEVERRUST ALL-ALUMINUM EXTERNAL WIND NET POSTS, AND STREAMLINER NETS WITH CENTER STRAPS, AND ANCHOR MATES WITH LOCKING BANDS
7. CONTRACTOR SHALL FURNISH AND INSTALL ACO SPORT SYSTEM 4000 TRENCH DRAIN (OR APPROVED EQUAL) WITH H.P.P. GRATES
8. CONTRACTOR SHALL SUBMIT SHOP / INSTALLATION DRAWINGS PRIOR TO CONSTRUCTION OF COURTS.

CADD File: F:\well\welltem\CADD\DWG\TENNCS01_site plan 3.dwg
PLOT DATE: Mar 17, 2025 - 11:09am

Bar is equal to one inch on original drawing

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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

VILLAGE OF WELLINGTON

GRADING POINTS
TABLE AND TENNIS
COURT NOTES

FEBRUARY 2025

C1-8

Exhibit R1 Drawings, Plans and Specifications

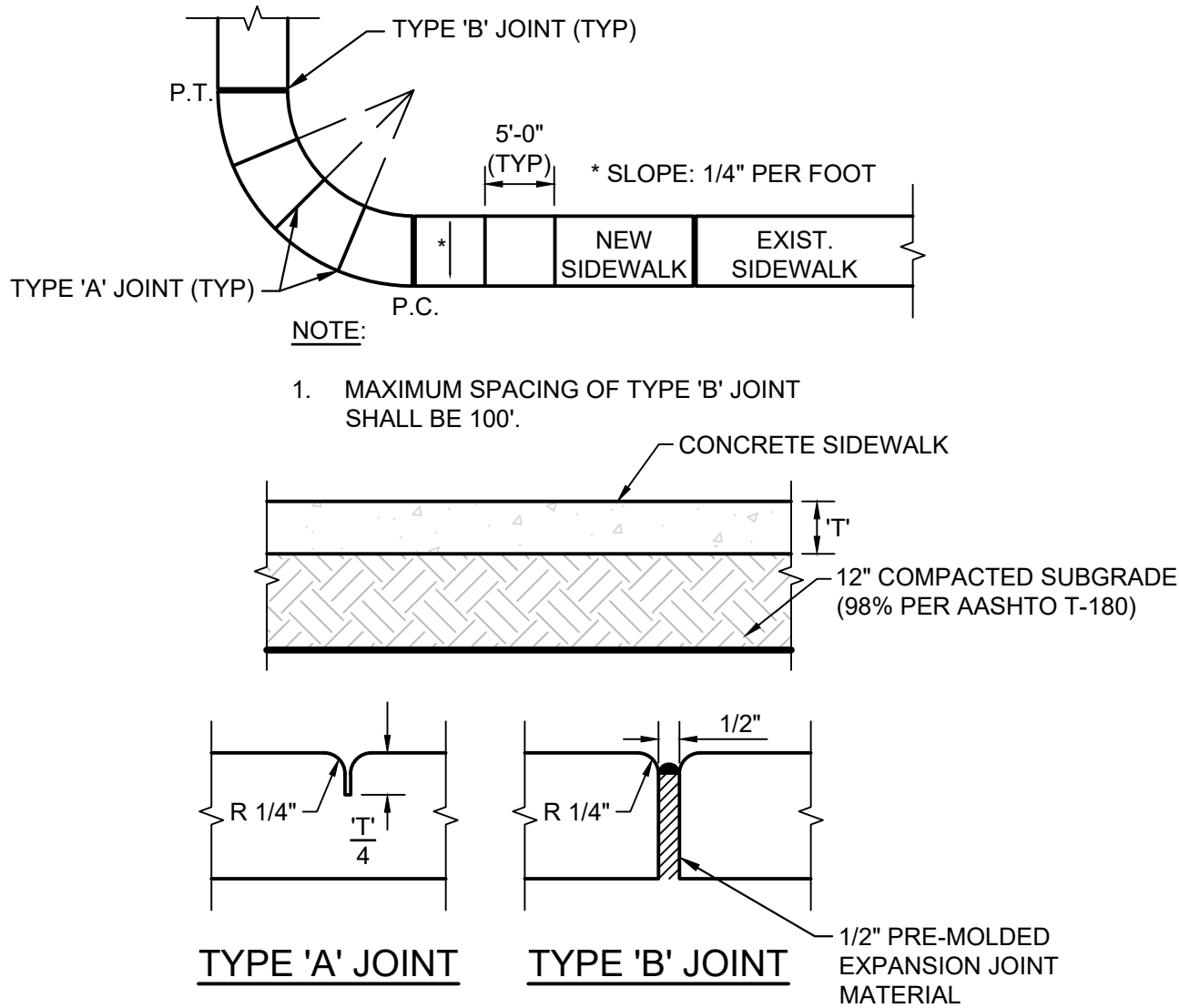
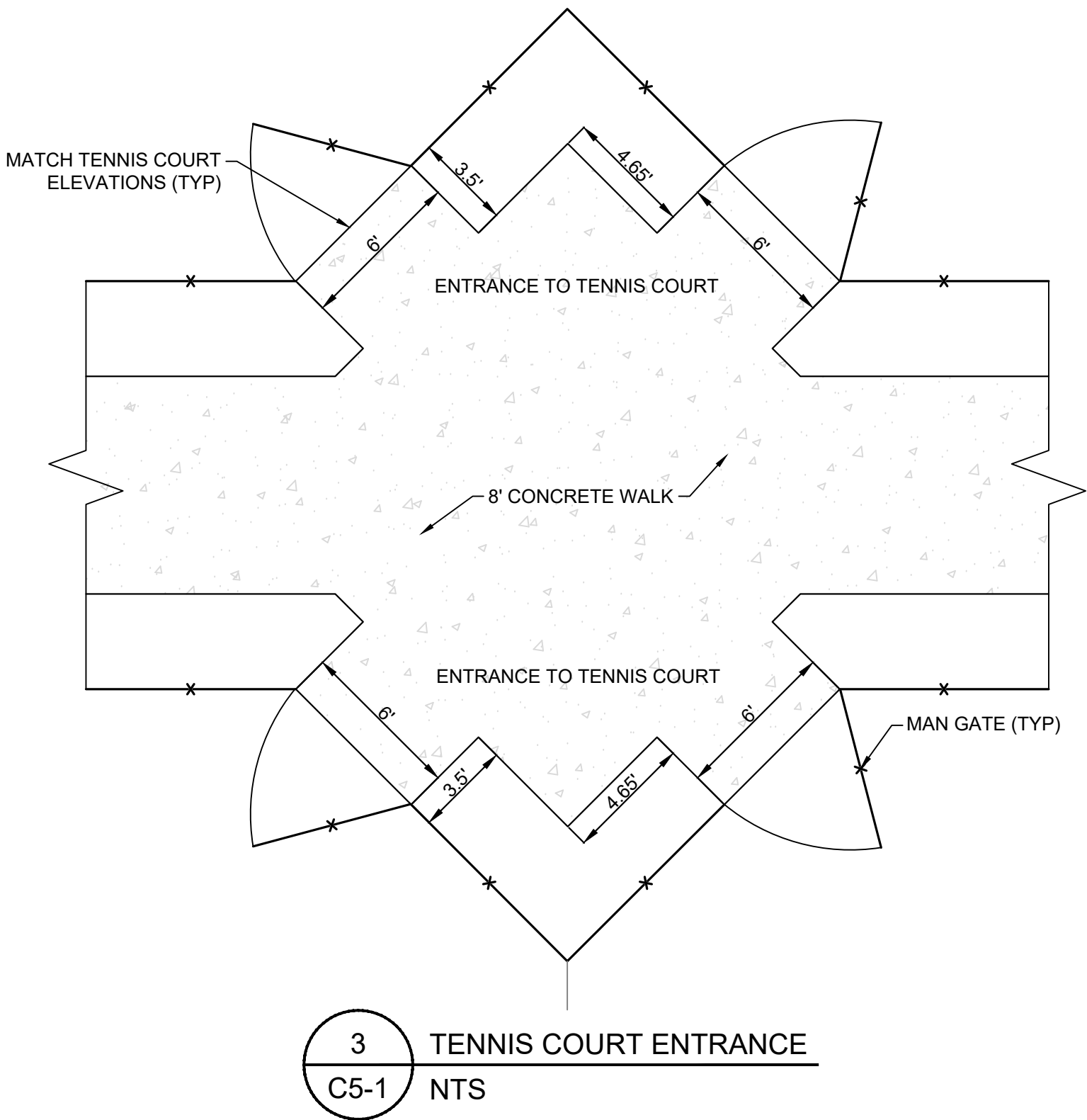
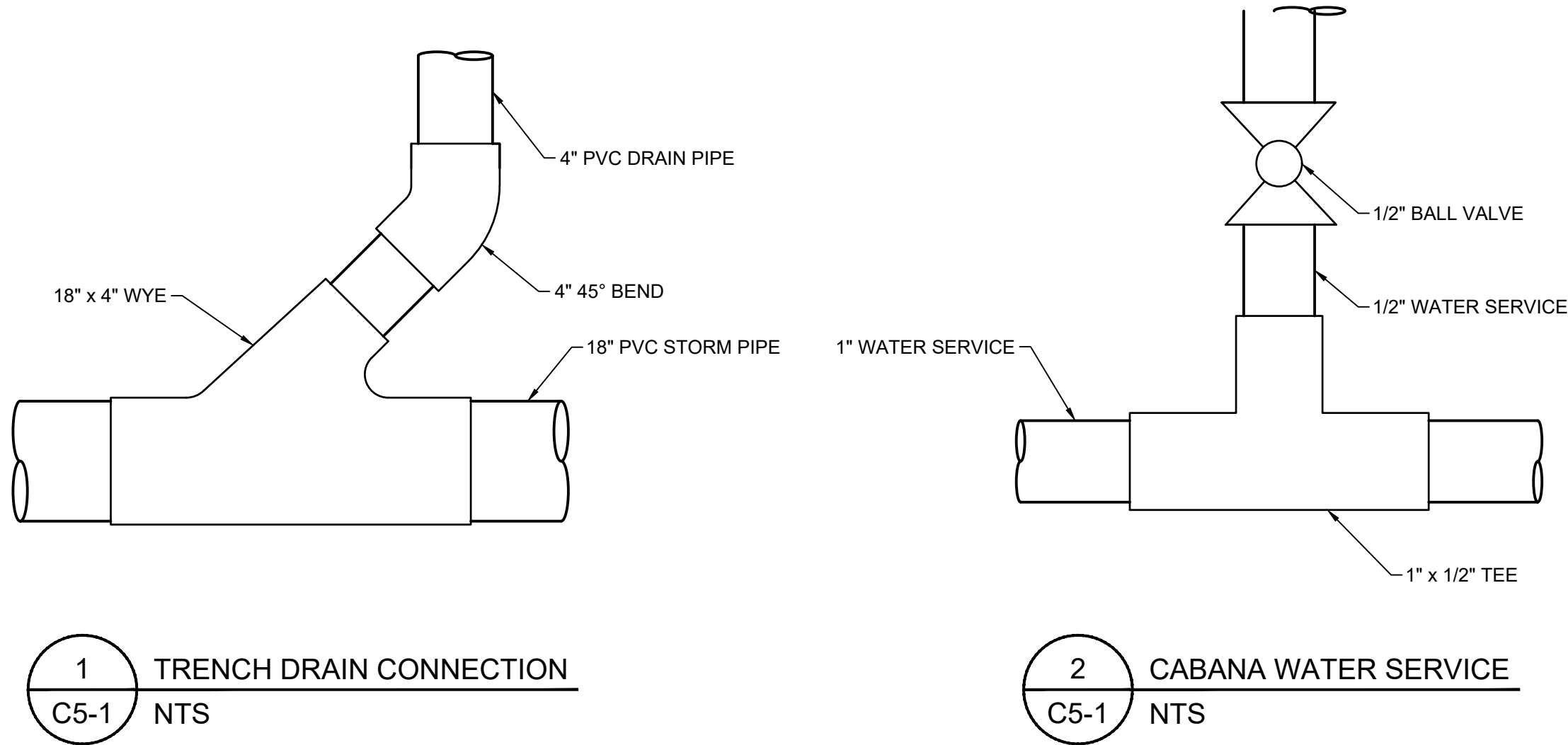
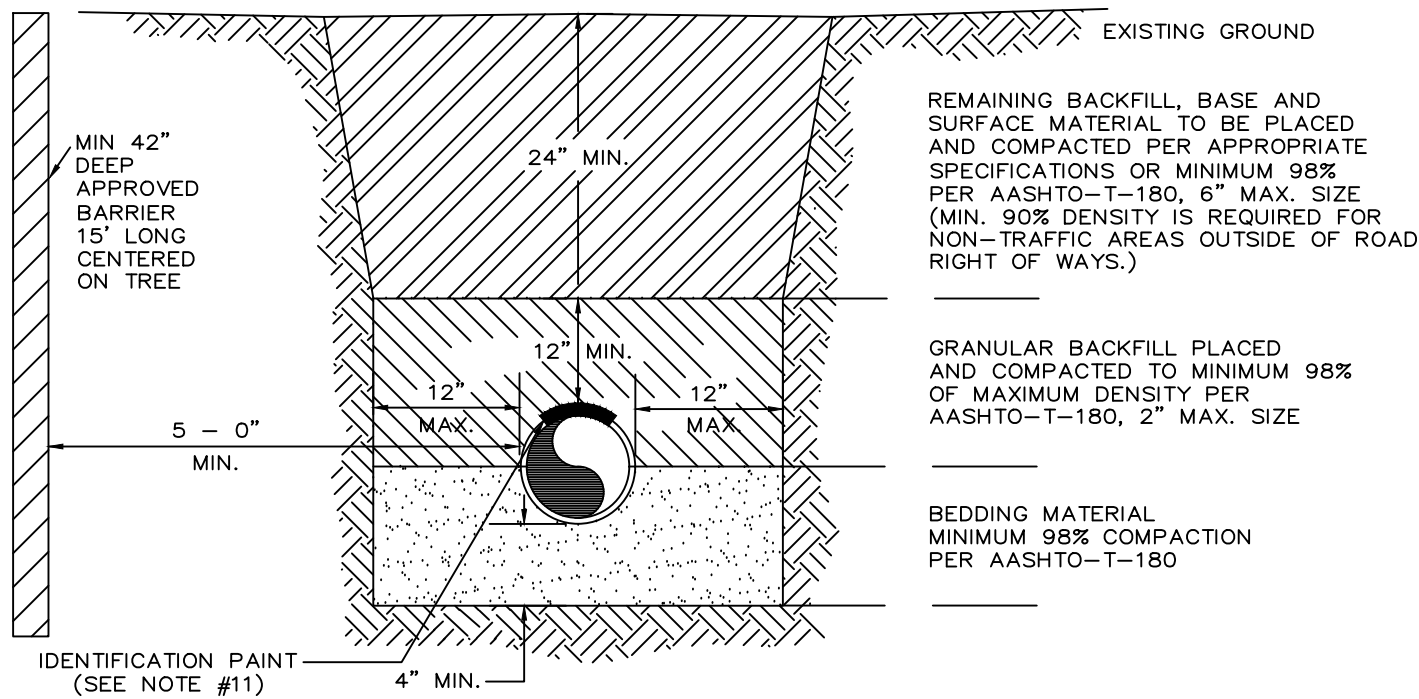


TABLE OF SIDEWALK THICKNESS - 'T'	
LOCATION	'T'
RESIDENTIAL AREAS	4"
AT DRIVEWAYS AND OTHER AREAS	6"



- NOTES:
- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMESTONE 8" TO 8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
 - THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
 - THE PIPE SHALL BE PLACED IN A DRY TRENCH.
 - BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, ROOTS AND DEBRIS.
 - DENSITY TESTS ARE REQUIRED IN 2 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM. MINIMUM 1 SET SET OF TESTS FOR EACH WASTELAND GRAVITY MAIN RUN, OR AS DIRECTED BY THE INSPECTOR.
 - THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
 - SEE SEPERATE DETAIL FOR "PIPE INSTALLATION UNDER EXISTING PAVEMENT – OPEN CUT."
 - THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
 - APPROVED MAGNETIC TAPE IS REQUIRED FOR: ALL PVC MAINS. THE TAPE SHALL BE INSTALLED 12" ABOVE PIPE.
 - ROOT BARRIER IS REQUIRED FOR APPROVED TREE INSTALLATION CLOSER THAN 10 FEET FROM UTILITY FACILITIES.
 - CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE) AND DIP RECLAIMED WATER MAINS (PURPLE).

V.O.W. CONSTRUCTION STANDARDS & DETAILS

REVISION		PAGE No.
JUN. 2005	TYPICAL TRENCH DETAIL	D1
DEC. 2002		
FEB. 2000		
NOV. 1999		

CADD File: F:\well\tem\CAD\DWG\TENNCS01_C5-1.dwg
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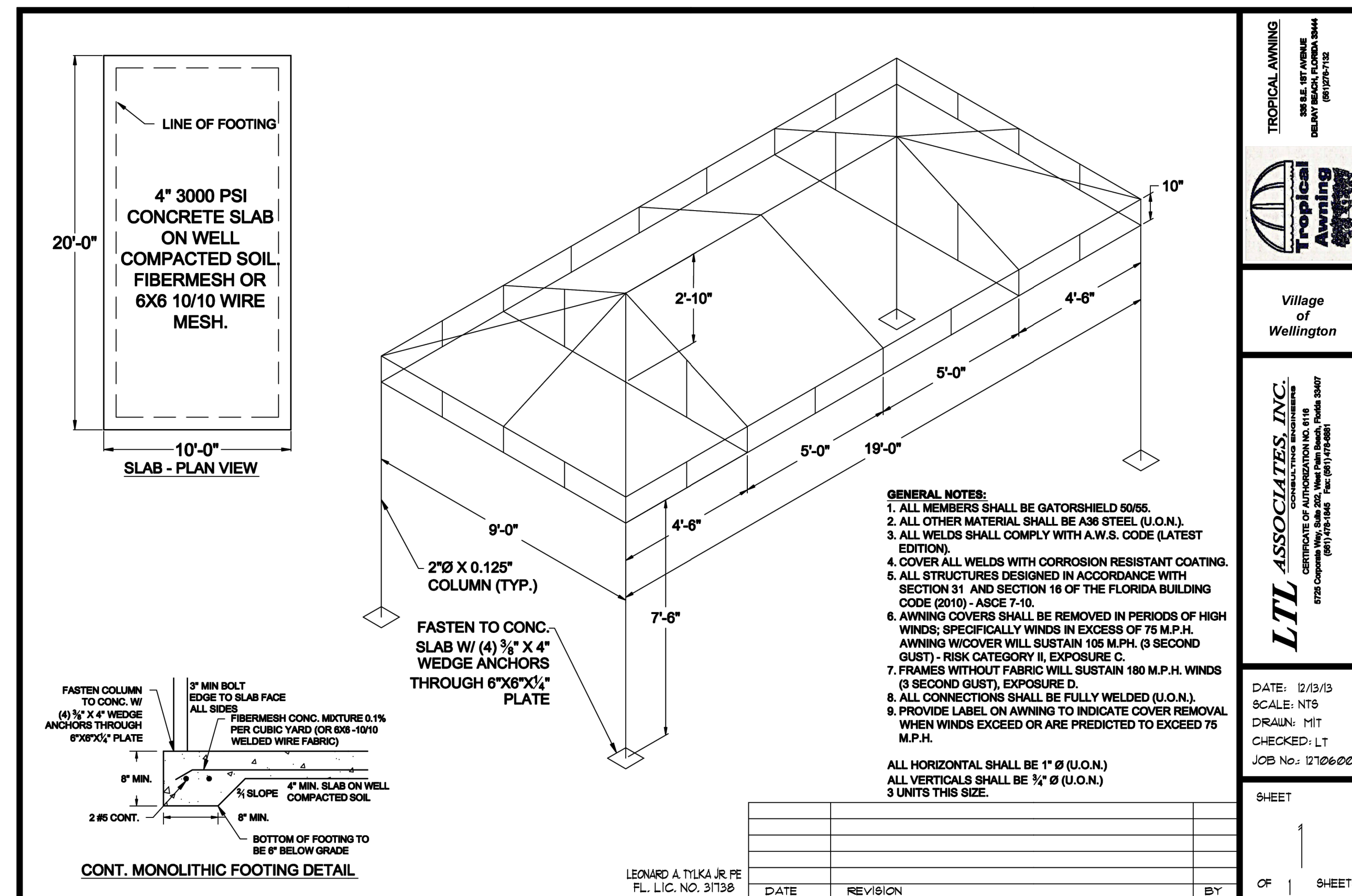
VILLAGE OF WELLINGTON

DETAILS

FEBRUARY 2025

C5-1

Exhibit R1 Drawings, Plans and Specifications



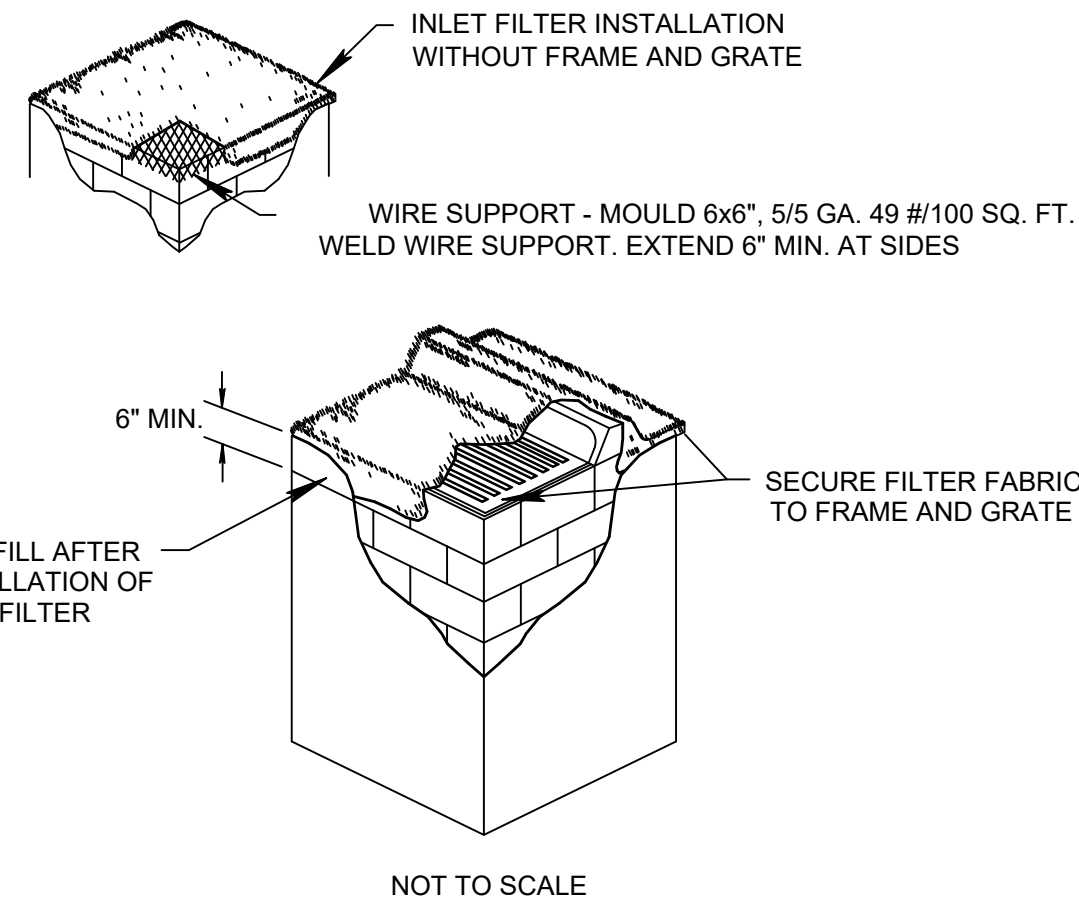
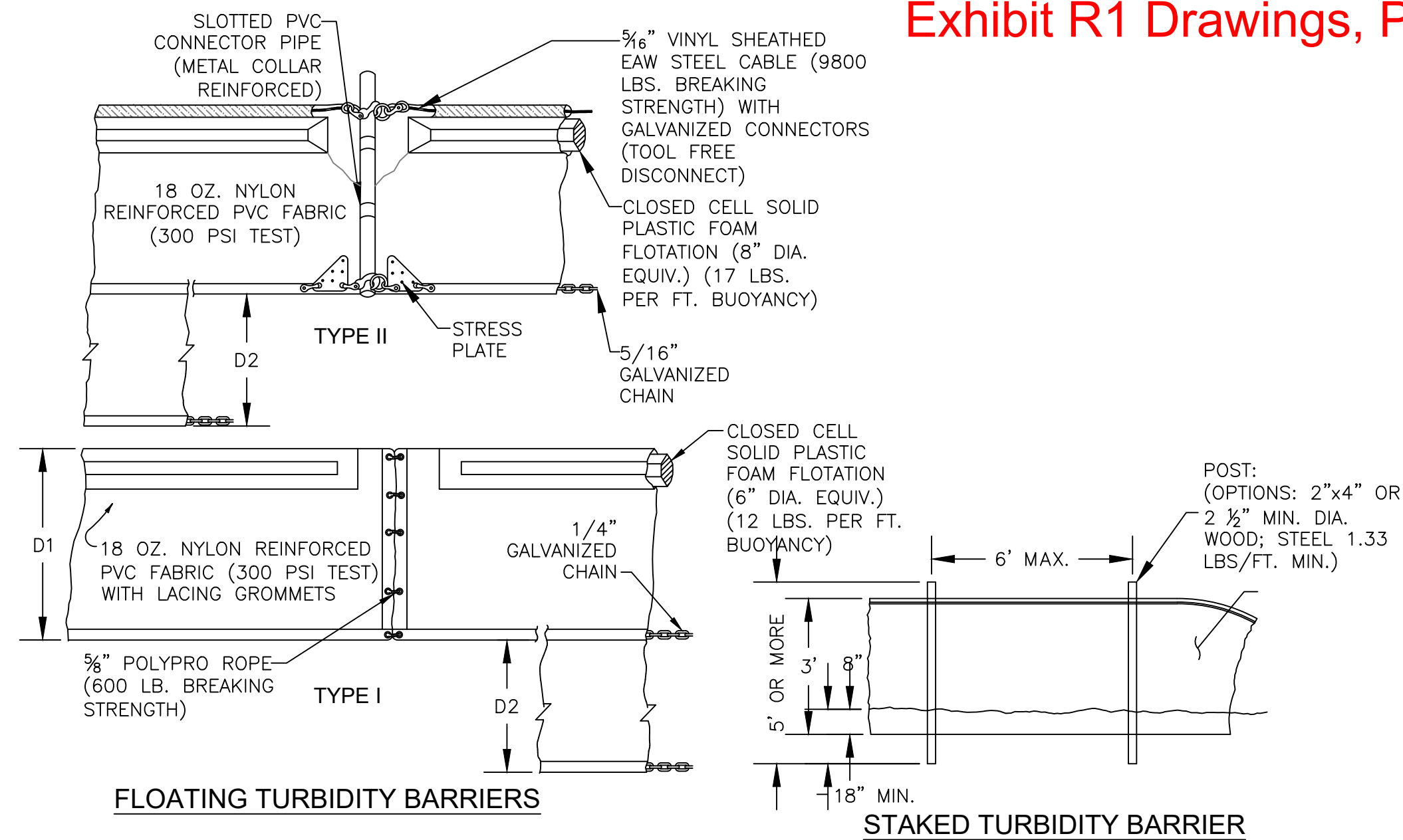
NOTE:

1. BENCH SHALL BE 10-S TENNIS SUPPLY (PRODUCT CODE: MB1013 - GREEN) OR APPROVED EQUAL.
2. CONTRACTOR SHALL COORDINATE WITH 10-S TENNIS SUPPLY AND OWNER TO MATCH EXISTING BENCHES AT FACILITY.

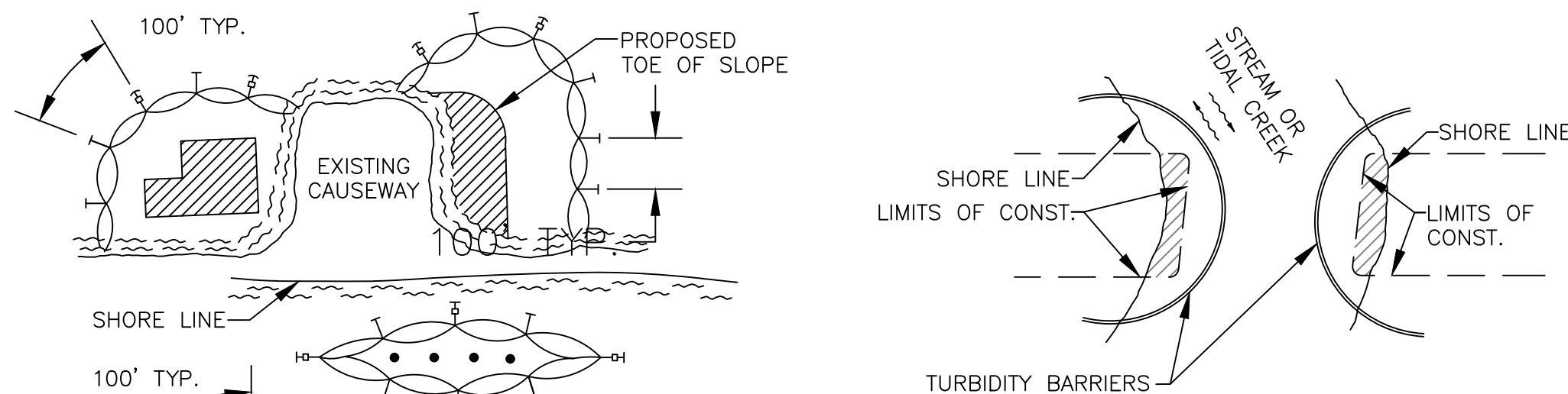
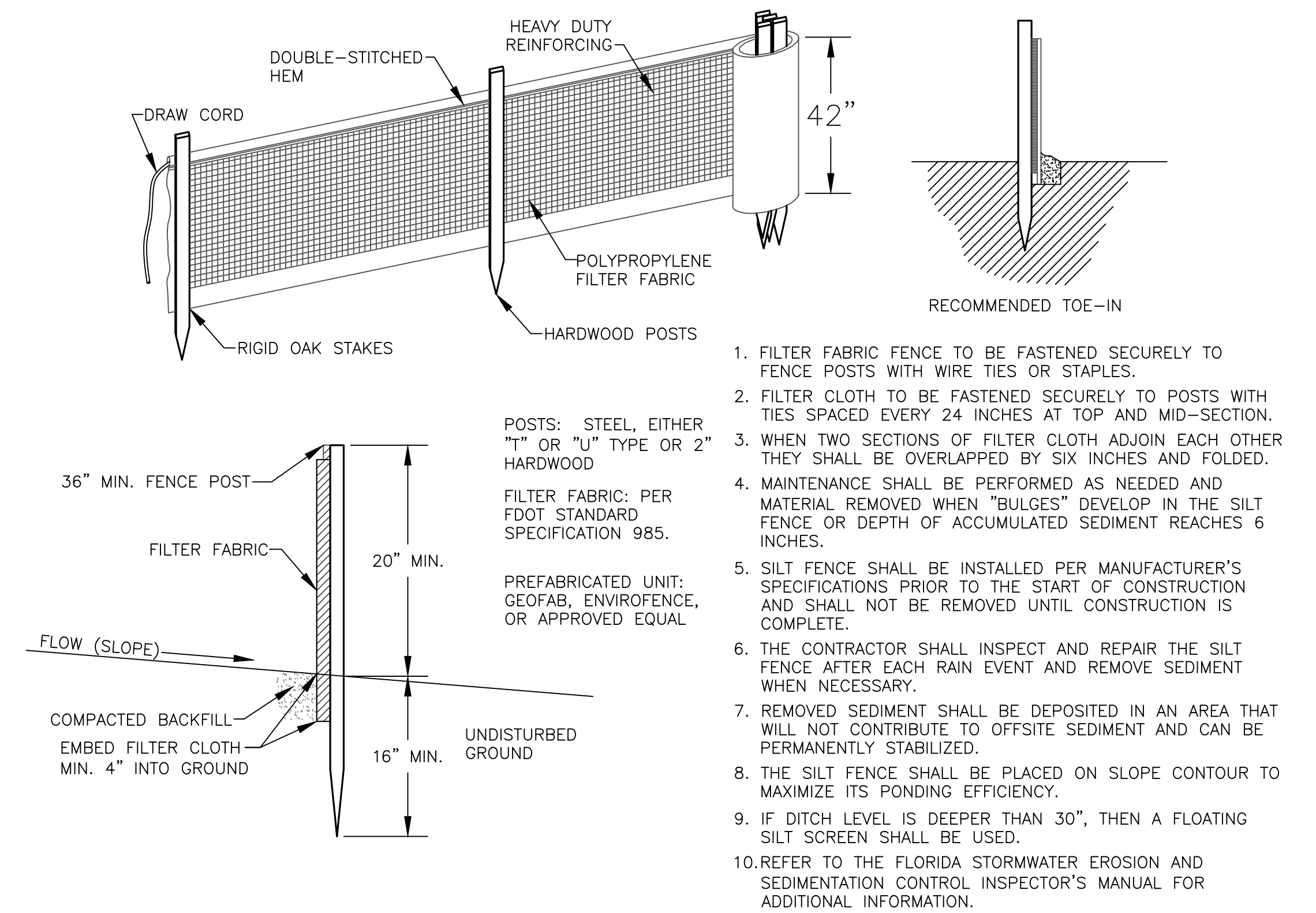
1	SHADE CANOPY
C5-2	NTS

2 BENCH
C5-2 NTS

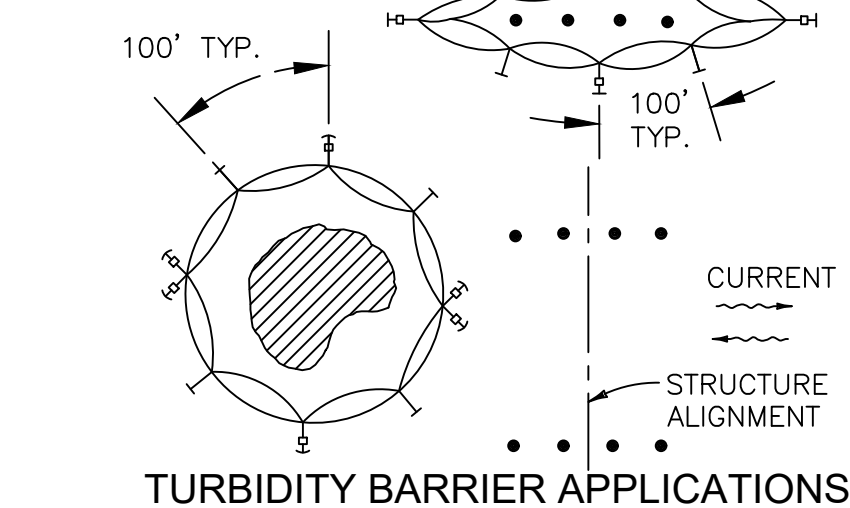
Exhibit R1 Drawings, Plans and Specifications







- NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
 2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING
 3. A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. BASIN THE SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.
 4. STORM WATER WILL REACH THE SEDIMENT TRAP VIA CURB CUTS ADJACENT TO SIDE OF THE INLET STRUCTURE. THESE OPENINGS SHALL BE AT LEAST 12 INCHES IN LENGTH. STORM WATER MAY ALSO REACH THE BASIN VIA OVERLAND FLOW LAND AREA BEHIND THE CURB. THE CURB CUTS SHALL BE REPAIRED WHEN THE SEDIMENT TRAP IS REMOVED.



- NOTES:**
- BARRIER BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATION OF TYPES. THE CONTRACTOR WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND SEDIMENTATION QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTOR'S OPTION UNLESS OTHERWISE SPECIFIED IN THE PLANS FOR THE PROJECT. THE BARRIER TYPE(S) MAY BE EITHER STAKED OR FLOATING. THE CONTRACTOR SHALL PROVIDE TURBIDITY BARRIER AND/OR STAKED TURBIDITY BARRIER. THE BARRIER TYPE(S) SHALL BE STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL OR HORIZONTAL ORIENTATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- BARRIER BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
- THE SPACING AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
- THE SPACING OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
- THE CONTRACTOR MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.
- FOR ADDITIONAL INFORMATION REFER TO THE FLORIDA STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL.



TURBIDITY BARRIER APPLICATIONS

- LEGEND**
- PILE LOCATIONS
 -  DREDGE OR FILL AREA
 -  MOORING BUOY W/ANCHOR
 -  ANCHOR
 -  BARRIER MOVEMENT DUE TO CURRENT ACTION

1	FLOATING TURBIDITY BARRIER
C5-2	NTS

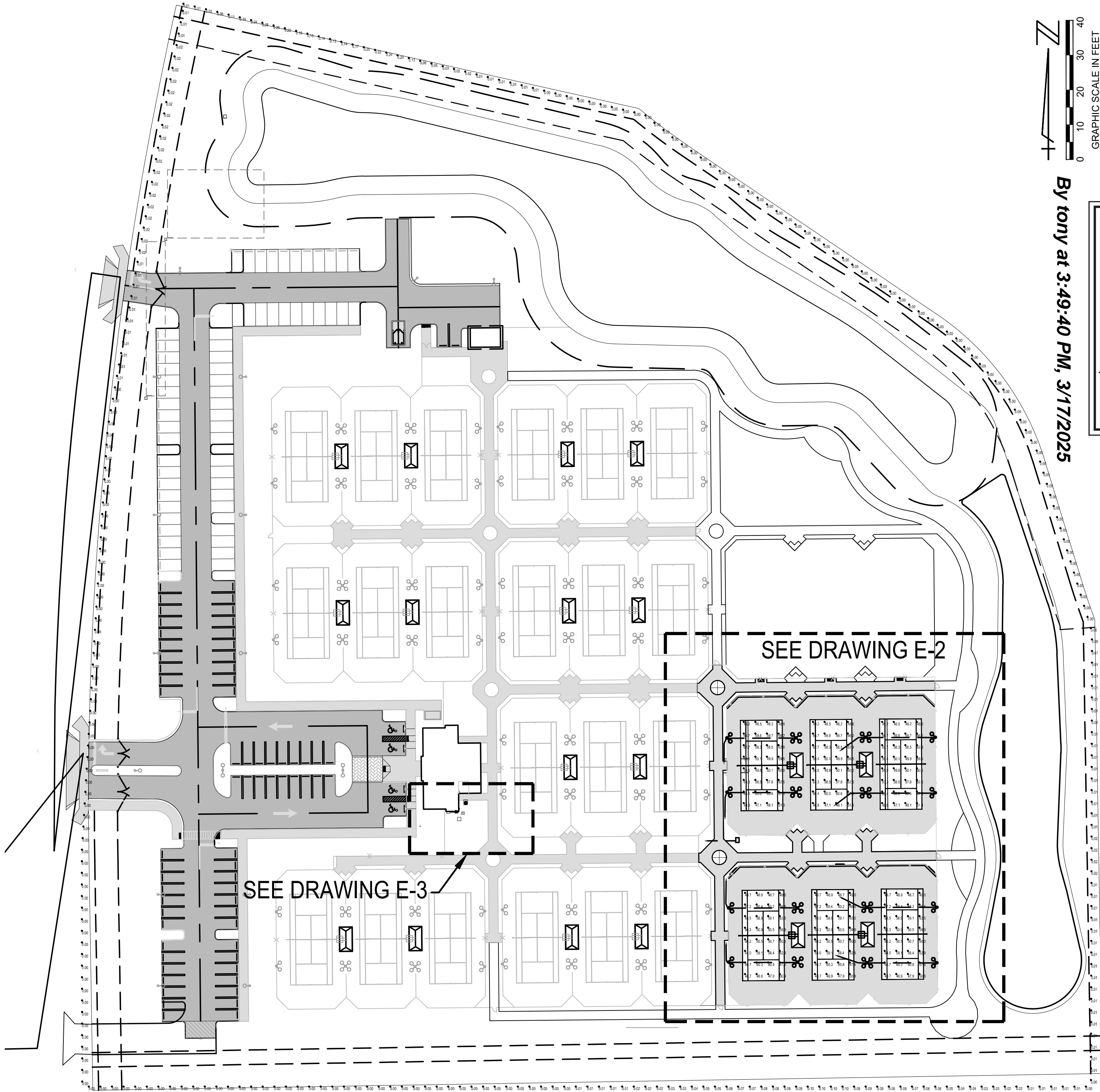
INLET FILTER DETAIL	
2	INLET PROTECTION INSTALLATION
C5-2	NTS

3	TURBIDITY BARRIER SILT FENCE
C5-2	NTS

GENERAL ELECTRICAL NOTES AND SPECIFICATIONS:

1. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR TO INSTALL THE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS. ITEMS NOT SHOWN BUT OBVIOUSLY NECESSARY FOR COMPLETION OF THE WORK AND A FULLY FUNCTIONAL SYSTEM SHALL BE INCLUDED.
2. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2020 NATIONAL ELECTRICAL CODE, LATEST ADOPTED NATIONAL ELECTRICAL SAFETY CODE, LOCAL CODES, CITY CODES AND THE 2023 FLORIDA BUILDING CODE (8TH EDITION).
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS AND SHALL INCLUDE ALL FEES AS PART OF HIS BID IF NOT OTHERWISE NOTED.
4. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER & ENGINEER.
5. THE CONTRACTOR SHALL, BEFORE SUBMITTING HIS BID, VISIT THE SITE OF THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS. NO ALLOWANCE WILL BE MADE FOR EXISTING CONDITIONS OR FAILURE OF THE CONTRACTOR TO OBSERVE THEM.
6. ALL EQUIPMENT AND MATERIAL SHALL BE UNUSED AND U.L. LISTED. ALL REFERENCES TO A PARTICULAR MANUFACTURER ARE GIVEN ON AN "APPROVED EQUAL" BASIS UNLESS OTHERWISE NOTED.
7. THE CONTRACTOR IS RESPONSIBLE TO TEST ALL SYSTEMS INSTALLED OR MODIFIED UNDER THIS PROJECT AND REPAIR OR REPLACE ALL DEFECTIVE WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER.
8. ALL EQUIPMENT FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE.
9. ALL CONDUCTORS SHALL BE 600V THWN, COPPER. NO ALUMINUM ALLOWED UNLESS SPECIFICALLY INDICATED ON DRAWINGS.
10. THE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT RUNS. THESE ARE TO BE COORDINATED/CONFIRMED WITH THE OTHER TRADES AND MANUFACTURES SO THAT CONFLICTS ARE AVOIDED PRIOR TO INSTALLATIONS. CONDUITS ARE TO BE PROVIDED FOR FUTURE FACILITIES WHERE INDICATED.
11. ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL. PROVIDE ANTI-GELLING AGENT ON BOLTS AND NUTS.
12. GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH NEC, ARTICLE 250. THE GROUNDING SYSTEM TEST SHALL NOT EXCEED A 48 HOUR SPAN DRY RESISTANCE OF 5 OHMS. ADDITIONAL GROUNDING TO MEET THIS REQUIREMENT SHALL BE INSTALLED AT NO EXTRA COST. GROUNDING AND BONDING CONNECTIONS SHALL NOT BE PAINTED. ALL GROUNDING CONNECTIONS SHALL BE EXOTHERMIC UNLESS SPECIFICALLY INDICATED OTHERWISE.
13. AN EQUIPMENT GROUND WIRE SIZED PER NEC SHALL BE PULLED IN ALL ELECTRICAL CONDUITS, POWER AND CONTROL, WHETHER OR NOT INDICATED ON THE PLANS.
14. PROVIDE CONDUIT DUCT SEAL AT ALL CONDUIT ENDS.
15. CONTRACTOR SHALL, WITHIN 30 DAYS AFTER THE DATE OF THE SYSTEM ACCEPTANCE, PROVIDE TO THE OWNER RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING A SINGLE LINE DIAGRAM OF THE ELECTRICAL DISTRIBUTION SYSTEM AND RELATED FLOOR PLANS INDICATING THE LOCATION AND AREA SERVED FOR THE DISTRIBUTION.
16. CONTRACTOR SHALL PROVIDE TO THE OWNER THE OPERATING AND MAINTENANCE MANUAL IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION C405.5.4.2 OF THE 2023 FLORIDA BUILDING CODE - ENERGY CONSERVATION, INCLUDING ANY AMENDMENTS THERETO
17. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 80 PVC CONDUIT. EXPOSED CONDUIT AND ABOVE GROUND SHALL BE RIGID ALUMINUM. PVC 80 CONDUIT SHALL TRANSITION FROM PVC TO RIGID ALUMINUM CONDUIT MIN. 12" BELOW GRADE PRIOR TO BECOMING EXPOSED.
18. SCOPE OF ELECTRICAL WORK:
 - A. PROVIDE AND INSTALL NEW CONDUIT AND WIRE AS PER PLANS COMPLETE.
 - B. PROVIDE AND INSTALL NEW TENNIS COURT LIGHTING COMPLETE IN PLACE.
 - C. MODIFY EXISTING MUSCO CONTROL PANEL AS NECESSARY.
19. ALL CONDUIT PENETRATIONS INTO EQUIPMENT SHALL BE FROM THE BOTTOM WHERE POSSIBLE.
20. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL JUNCTION BOXES, CONDUIT, DISCONNECT SWITCHES, WIRE, MOUNTING HARDWARE, WINDLOAD CALCULATIONS, CONCRETE POLES, EQUIPMENT, LIGHT FIXTURES, ETC. PRIOR TO PROCUREMENT.
21. UNDERGROUND CONDUIT SHALL BE BURIED MINIMUM 24" BELOW GRADE.

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
NEW COURT 3' AFG	Illuminance	Fc	56.74	67.6	46.2	1.23	1.46
NEW COURT SURFACE_Planar	Illuminance	Fc	57.16	67.6	46.7	1.22	1.45
PROPERTY LINE 6' AFG	Illuminance	Fc	0.02	0.28	0.00	N.A.	N.A.



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E-1

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EXPANSION

VILLAGE OF WELLINGTON

ELECTRICAL SITE
AND GENERAL
NOTES

SEAL

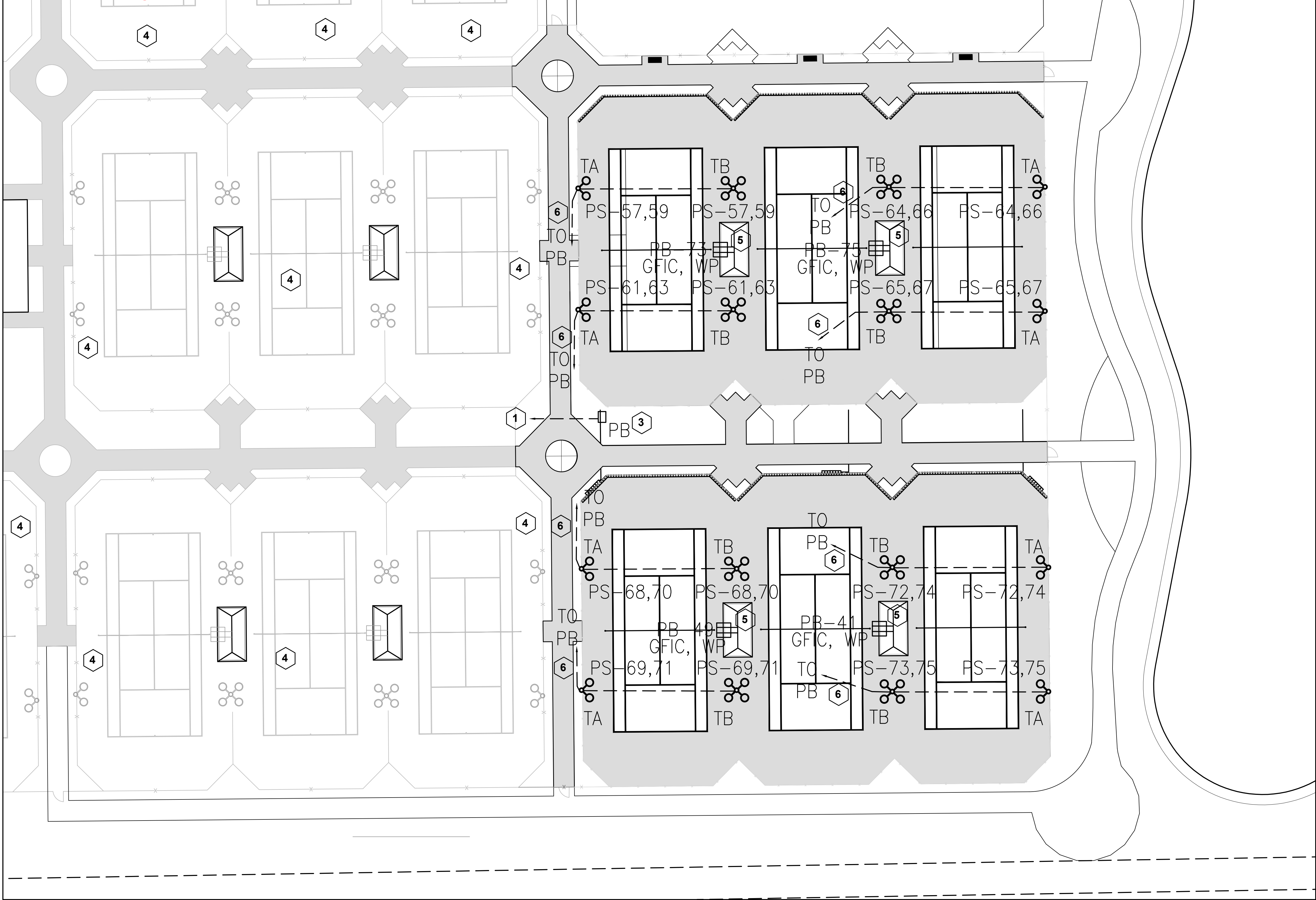
LARRY M. SMITH
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Date

Vertical Datum:
NGVD29
P.A. No.
VE009.00
Dwg. No.
44-42-19-05
Location:
PALM BEACH COUNTY, FL

No.	Date	By	Revision
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Exhibit R1 Drawings, Plans and Specifications



- ELECTRICAL KEY NOTES:**
- 1 PROVIDE AND INSTALL 2-2"C-8#8, 1#8EG and 1"C-4#10, 1#10EG. CONTRACTOR SHALL DIRECTIONAL BORE CONDUITS BACK TO EXISTING PANEL LOCATION. VERIFY ROUTING AS NECESSARY. SEE PANEL LOCATION ON SHEET E-3.
 - 2 CONTRACTOR SHALL PROVIDE AND INSTALL NEW TENNIS COURT LIGHTING AS SHOWN. SEE POLE DETAIL ON SHEET E-5.
 - 3 CONTRACTOR SHALL PROVIDE AND INSTALL PULL BOX COMPLETE. ALL CONDUITS FROM NEW TENNIS COURT LIGHTING, WATER FOUNTAINS, AND RECEPTACLES SHALL BE RAN FROM EQUIPMENT VIA PULL BOX BACK TO PANEL FOR A COMPLETE WORKING SYSTEM IN PLACE.
 - 4 EXISTING TENNIS COURT LIGHTING SHALL REMAIN.
 - 5 CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLE POST AS PER DETAIL ON SHEET E-5. VERIFY EXACT LOCATION PRIOR TO INSTALLATION. MAKE ALL CONNECTIONS NECESSARY FOR A COMPLETE WORKING SYSTEM IN PLACE.
 - 6 PROVIDE AND INSTALL 1"C-2#8, 1#8EG FROM LIGHTS TO PANEL VIA PULL BOX

By Tony at 3:49:40 PM, 3/17/2025

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PLOT DATE: Nov 13, 2024 - 3:10pm
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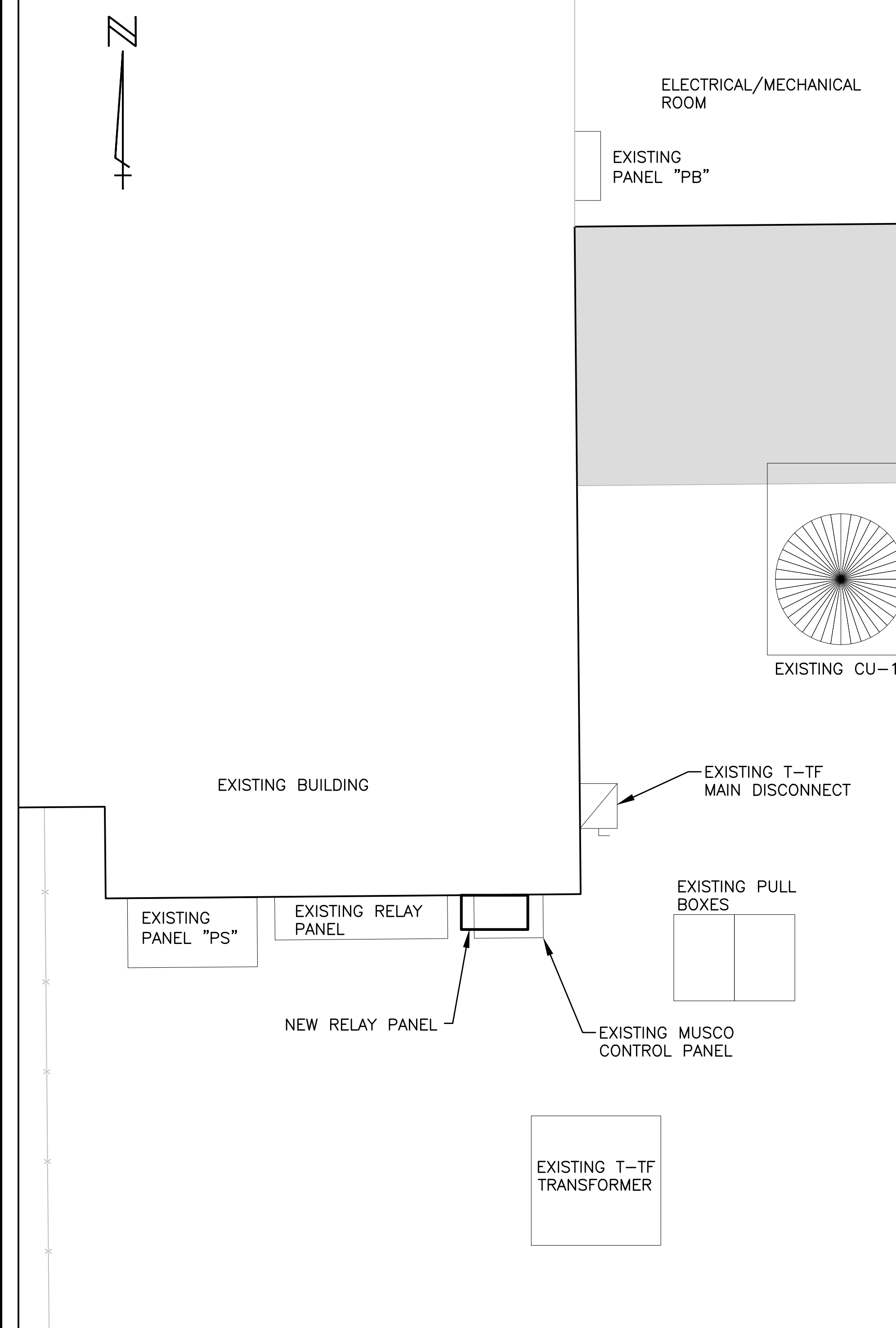
VILLAGE OF WELLINGTON

TENNIS COURTS
ELECTRICAL PLAN

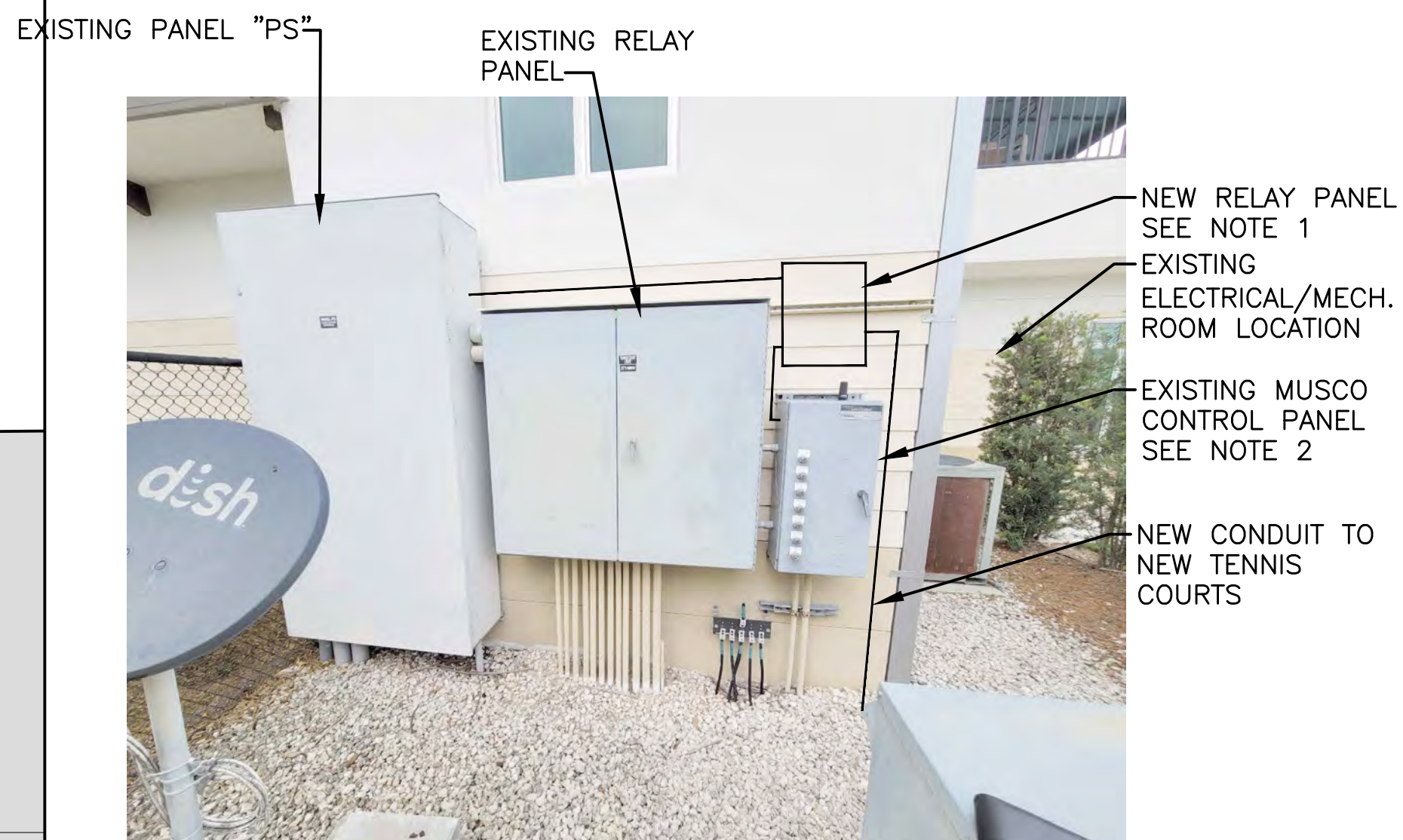
FEBRUARY 2025

E-2

Exhibit R1 Drawings, Plans and Specifications



ELECTRICAL PANEL EQUIPMENT LOCATION
NOT TO SCALE



ELECTRICAL PANEL EQUIPMENT ELEVATION

NOTES:

1. THE CONTRACTOR SHALL PROVIDE NEW RELAY PANEL WITH 16-2P-30A-480V CONTACTORS FOR EACH TENNIS COURT LIGHTING CIRCUIT. CABINET SHALL BE NEMA 4X, 316 STAINLESS STEEL POWDER COATED GRAY TO MATCH EXISTING. SIZE CABINET PER NEC. COIL FOR CONTACTORS SHALL BE 120 VOLT AND CONNECTED TO THE EXISTING 120 VOLT COIL CIRCUIT IN EXISTING RELAY PANEL. COORDINATE WITH MUSCO FOR REQUIRED CONTROL CIRCUITS.
2. CONTRACTOR SHALL COORDINATE WITH MUSCO FOR THE MODIFICATION OF MUSCO'S EXISTING CONTROL CABINET AS NECESSARY FOR THE ADDITIONAL TWO TENNIS COURT LIGHTING CIRCUITS. PROVIDE ADDITIONAL TWO H-O-A KEY SWITCHES TO MATCH EXISTING. THE NEW SWITCHES SHALL MATCH EXISTING KEY.

EXISTING PANEL PS

(1)(2)

MOUNTING: SURFACE
SHORT CIRCUIT RATING: 42K AIC
POLES: 84
FED FROM PANEL: UTILITY XFMR 480V

VOLT: 480/277V, 3Ø, 4W
MAIN BUS AMPS: 400 A
MAIN BREAKER AMPS: 400
MANUFACTURER/TYPE: SQUARE D

CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	A	kVA	B	kVA	C	kVA	A	kVA	B	kVA	C	kVA	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT	
1	LTG - TENNIS	2	20				3.2					3.2								20	2	LTG - TENNIS	2	
3													3.2										4	
5	LTG - TENNIS	2	20											3.2						20	2	LTG - TENNIS	6	
7							3.2					3.2											8	
9	LTG - TENNIS	2	20										3.2							20	2	LTG - TENNIS	10	
11														3.2									12	
13	LTG - TENNIS	2	20				3.2					3.2								20	2	LTG - TENNIS	14	
15													3.2										16	
17	LTG - TENNIS	2	20											3.2						20	2	LTG - TENNIS	18	
19							3.2					3.2											20	
21	LTG - TENNIS	2	20										3.2							20	2	LTG - TENNIS	22	
23														3.2									24	
25	LTG - TENNIS	2	20				3.2					3.2								20	2	LTG - TENNIS	26	
27													3.2										28	
29	LTG - TENNIS	2	20											3.2						20	2	LTG - TENNIS	30	
31							3.2					3.2											32	
33	LTG - TENNIS	2	20										3.2							20	2	LTG - TENNIS	34	
35														3.2									36	
37	LTG - TENNIS	2	20				3.2					3.2								20	2	LTG - TENNIS	38	
39													3.2										40	
41	LTG - TENNIS	2	20											3.2						20	2	LTG - TENNIS	42	
43							3.2					3.2											44	
45	LTG - TENNIS	2	20										3.2							20	2	LTG - TENNIS	46	
47														3.2									48	
49	LTG - TENNIS	2	20				3.2					3.2								20	2	LTG - TENNIS	50	
51													3.2										52	
53	LTG - TENNIS	2	20											3.2						20	1	LTG - PARKING	54	
55							3.2					3.2								20	1	LTG - PARKING	56	
57	LTG - TENNIS	2	20	8	2"				3.2					3.2						20	1	LTG - FLAG POLE	58	
59															3.2					20	2	LTG - TENNIS	60	
61	LTG - TENNIS	2	20	8	2"	3.2						3.2											62	
63													3.2										64	
65	LTG - TENNIS	2	20	8	2"				3.2					3.2						20	2	LTG - TENNIS	66	
67							3.2					3.2								20	2	LTG - TENNIS	68	
69	LTG - TENNIS	2	20	8	2"				3.2				3.2										70	
71														3.2						20	2	LTG - TENNIS	72	
73	LTG - TENNIS	2	20	8	2"	3.2						3.2											74	
75													3.2							20	2	SPARE	76	
77	SPARE	1	20																				78	
79	ELEVATOR	3	90				13.8													30	3	TVS/SPD	80	
81									13.8														82	
83										13.8													84	
CONNECTED AMPS =						55.4	55.4	52.2	38.4						38.4	37.6								
TOTAL CONNECTED AMPS =						93.8	93.0	52.2	40.44															

(1) MAX 3% VD ON BRANCH CIRCUITS AS PER FBC

(2) NEMA 3R ENCLOSURE

By tony at 3:49:40 PM, 3/17/2025

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III-3

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PLOT DATE: Nov 11, 2024 - 4:30pm)

Vertical Datum:
NGVD29

P.A. No.
VE009.00

Dwg. No.
44-42-19-05

Location:
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No.	Date	By	Revision
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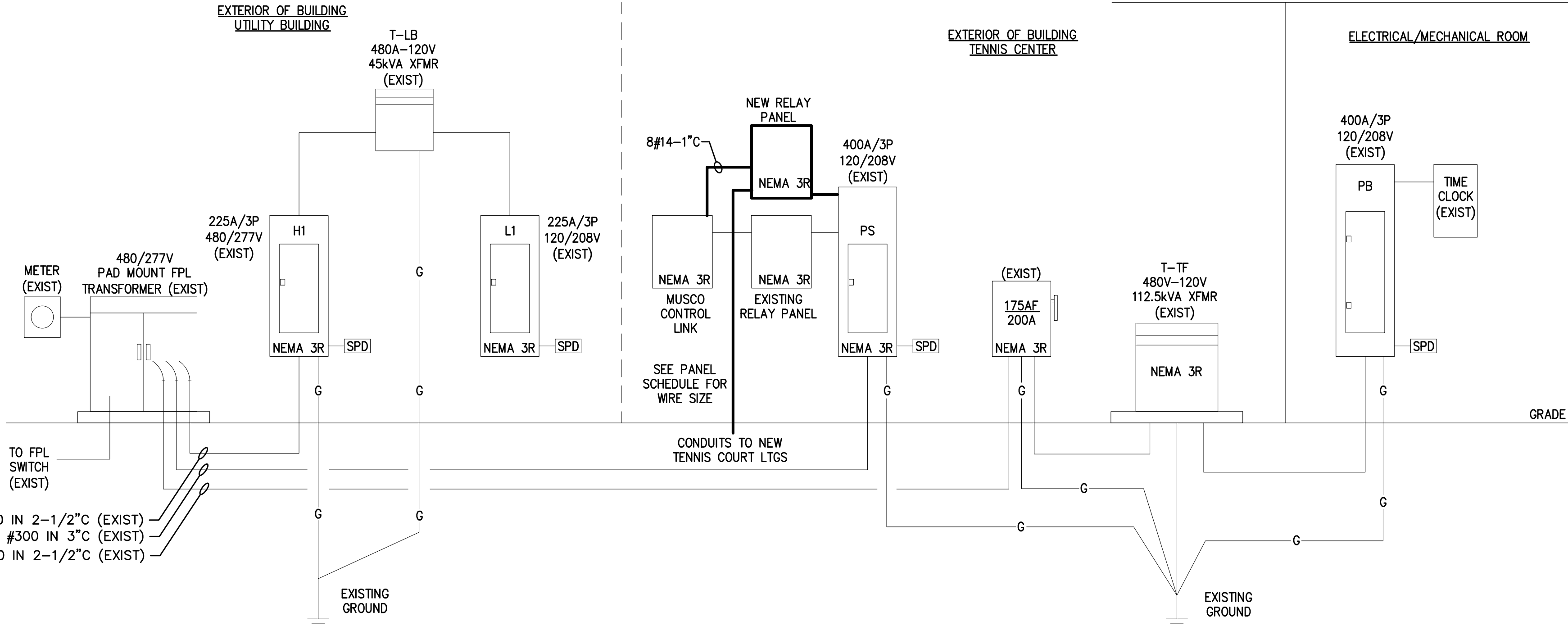
VILLAGE OF WELLINGTON TENNIS CENTER EXPANSION

VILLAGE OF WELLINGTON

ELECTRICAL EQUIPMENT ENLARGE PLAN

Exhibit R1 Drawings, Plans and Specifications

EXISTING PANEL PB										(1)(2)													
MOUNTING: SURFACE SHORT CIRCUIT RATING: 22K AIC POLES: 84 FED FROM PANEL: T-TF										VOLT: 240/120V,1Ø,3W MAIN BUS AMPS: 400 A MAIN BREAKER AMPS: 400 MANUFACTURER/TYPE: SQUARE D													
CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	A	kVA	B	kVA	C	kVA	A	kVA	B	kVA	C	kVA	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	FACP	1	20			0.1						1.0		0.8						20	1	RECPT.-RM.110	2
3	RECPT.-RM.101B	1	20					0.4												20	1	RECPT.-RM.101A&101B	4
5	RECPT.-RM.101A & 101B	1	20							0.8					0.4					20	1	RECPT.-RM.101A&101B	6
7	VENDING MACHINE	1	20			1.0						0.2								20	1	DRINKING FOUNTAIN	8
9	ICE MAKER	1	20					1.0						0.6						20	1	RECPT.-RM.102,108	10
11	RECPT.-RM.103,106,109	1	20							0.8					1.0					20	1	RECPT.-RM.107	12
13	RECPT.-EXTERIOR	1	20			0.8						0.4								20	1	RECPT.-RM.109	14
15	RECPT.-RM.109	1	20					0.4						2.9						30	1	RECPT.-IT	16
17	RECPT.-IT	1	30							2.9						2.9				30	1	RECPT.-PA	18
19	RECPT.-ELEV.PIT	1	20			0.2						1.2								20	1	SUMP PUMP (SP-1)	20
21	WATER HEATER (EWH-1)	3	40					3.3						0.5						20	1	EF-1, IF-1	22
23										3.3						0.5				20	1	EF-2, EF-3 & IF-2	24
25						3.3						4.5								50	3	AHU-1	26
27	CU-1 (3)	3	20											4.5									28
29																4.5							30
31												0.2								20	1	RECPT.-BALCONY	32
33	RECPT.-BALCONY	1	20					0.2						1.0						20	1	RECPT.-RM.201	34
35	RECPT.-RM.201	1	20							0.6					0.6					20	1	RECPT.-BALCONY	36
37	RECPT.-RM.201	1	20			0.4						1.0								20	1	REFRIGIRATOR	38
39	MICROWAVE	1	20					1.0						1.0						20	1	VENDING MACHINE	40
41	RECPT.-TENNIS AREA WATER	1	20	10	1"					0.2						0.2				20	1	RECPT.-TENNIS AREA WATER COOLERS	42
43	RECPT.-TENNIS AREA WATER COOLERS	1	20			0.2						0.2								20	1	RECPT.-TENNIS AREA WATER COOLERS	44
45	RECPT.-TENNIS AREA WATER COOLERS	1	20					0.2						0.2						20	1	RECPT.-TENNIS AREA WATER COOLERS	46
47	RECPT.-TENNIS AREA WATER COOLERS	1	20							0.2					0.3					20	1	LTG-STAIR 104	48
49	RECPT.-TENNIS AREA WATER	1	20	10	1"	0.2						1.1								20	1	LTG-RM.201	50
51	LTG.-RM.101A	1	20					0.5						0.2						20	1	LTG-EXTER. BLDG MOUNT 1ST FL	52
53	LTG.-STAIR 105	1	20							0.3						0.5				20	1	LTG-RM.102	54
55	LTG.-RM.108,110,111	1	20			0.3						1.0								20	1	LTG-RM.101B	56
57	LTG.-RM.106,107,109	1	20					0.3						0.5						20	1	LTG-RM.103	58
59	RTU-1	2	45							7.7										20	1	SPARE	60
61						7.7														20	1	SPARE	62
63	RECPT.-TVs (RM.201)	1	20					0.4						0.4						20	1	RECPT.-TV (RM.201)	64
65	SPARE	1	20																	20	1	SPARE	66
67	ELV.-LTG	1	20			1.0														20	1	SPARE	68
69	SPARE	1	20																	20	1	SPARE	70
71	RECPT.-RM.101B	1	20							0.4						0.4				20	1	CARD READER-DOOR	72
73	RECPT.-TENNIS AREA WATER	1	20	10	1"	0.2														20	1	RECPT.-RM.101B	74
75	RECPT.-TENNIS AREA WATER	1	20	10	1"			0.2												20	1	SPARE	76
77	SPARE	1	20																	20	1	SPARE	78
79	TVSS/SPD	3	30																	20	1	SPARE	80
81																				20	1	SPARE	82
83																				20	1	SPARE	84
CONNECTED AMPS =						15.4	7.9	17.2	10.8	12.6	11.3												
TOTAL CONNECTED AMPS =						28.0	19.2	17.2	5.42														
(1) MAX 3% VD ON BRANCH CIRCUITS AS PER FBC (2) NEMA 1 ENCLOSURE (3) NON COINCIDENTAL LOADS																							



SINGLE LINE DIAGRAM (EXISTING)

LOAD CALCULATIONS

(PER NEC 220.87)
PER FLORIDA POWER AND LIGHT SERVICE, 12 MONTH MAXIMUM DEMAND IS 190 KW
190 KW x 1.25 = 237.5 KW

NEW LIGHTING LOAD OF 22.5KW x 1.25 = 28.1KW

THEREFORE THE TOTAL OF 25.6KW IS 320.0 AMPS

THE EXISTING 400 AMP SERVICE IS ADEQUATE.

Luminaire Schedule

Label	[MANUFAC]	Description	Arr. Lum. Lumens	LLF	Lum. Watts	Total Watts
TA	Visionaire Lighting LLC	BLX-II_4_T4T_128LC_10_4K POLE MOUNT 24' AFG ON 3; ARM	106472	0.900	434	6944
TB	Visionaire Lighting LLC	BLX-II_4_T4T_128LC_10_4K POLE MOUNT 24' AFG ON 3' ARM	212944	0.900	434	13888

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PLOT DATE: Feb 06, 2025 - 1:41pm
Bar is equal to one inch on original drawing

Vertical Datum:
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P.A. No.
VE009.00
Dwg. No.
44-42-19-05
Location:
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1	1/22/25	ZMS	REVISIONS PER ADDENDUM 1
No.	Date	By	Revision

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Florida P.E. No. 45997

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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

VILLAGE OF WELLINGTON

SINGLE LINE
DIAGRAM

FEBRUARY 2025

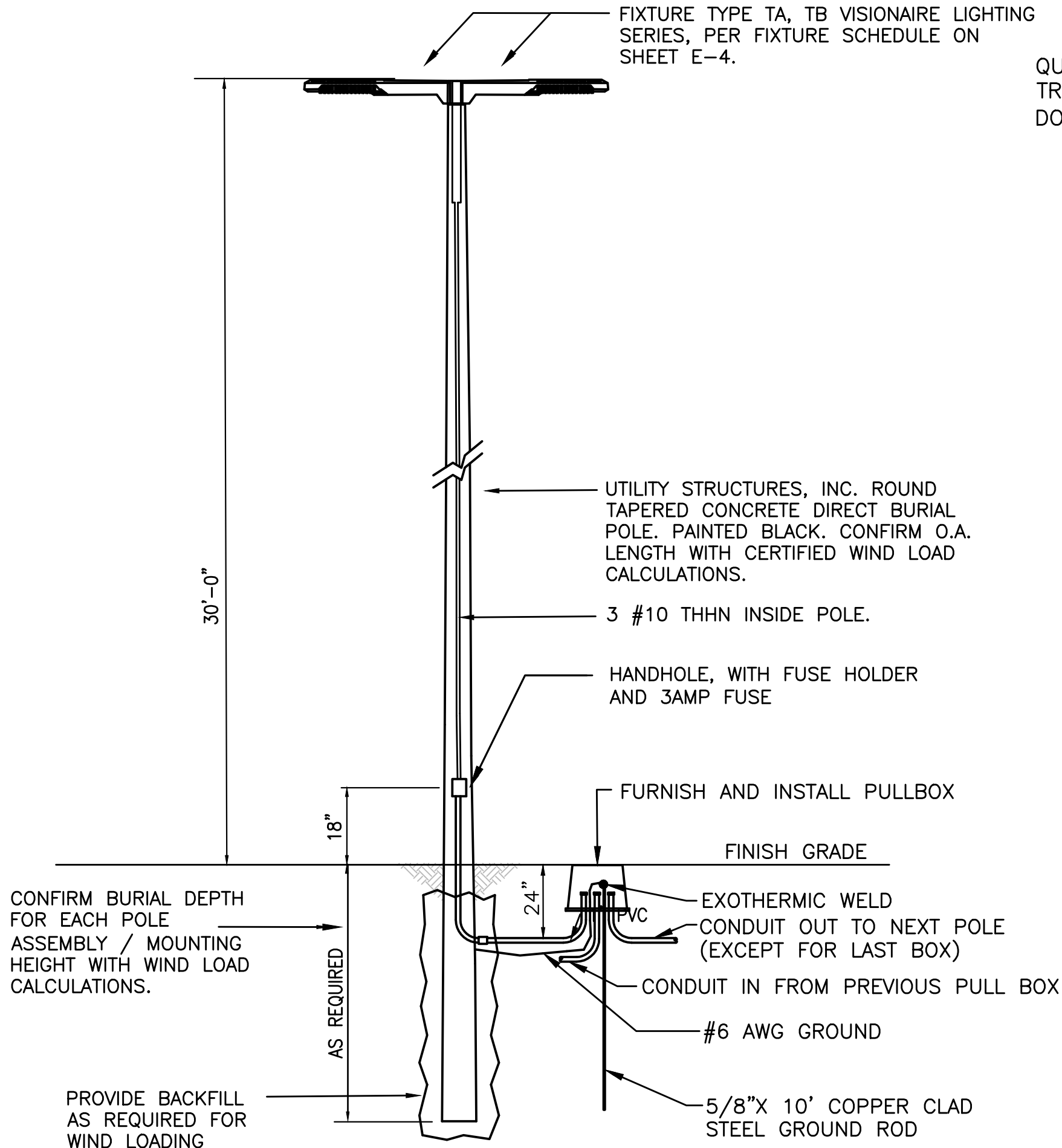
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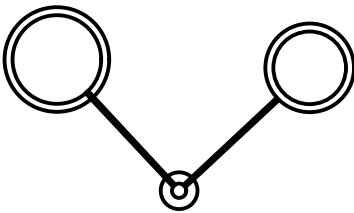
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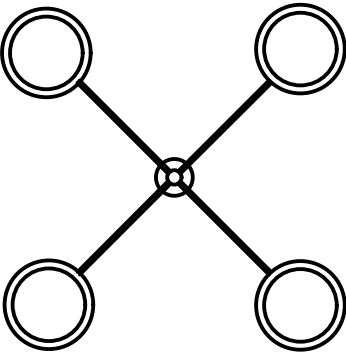
Exhibit R1 Drawings, Plans and Specifications



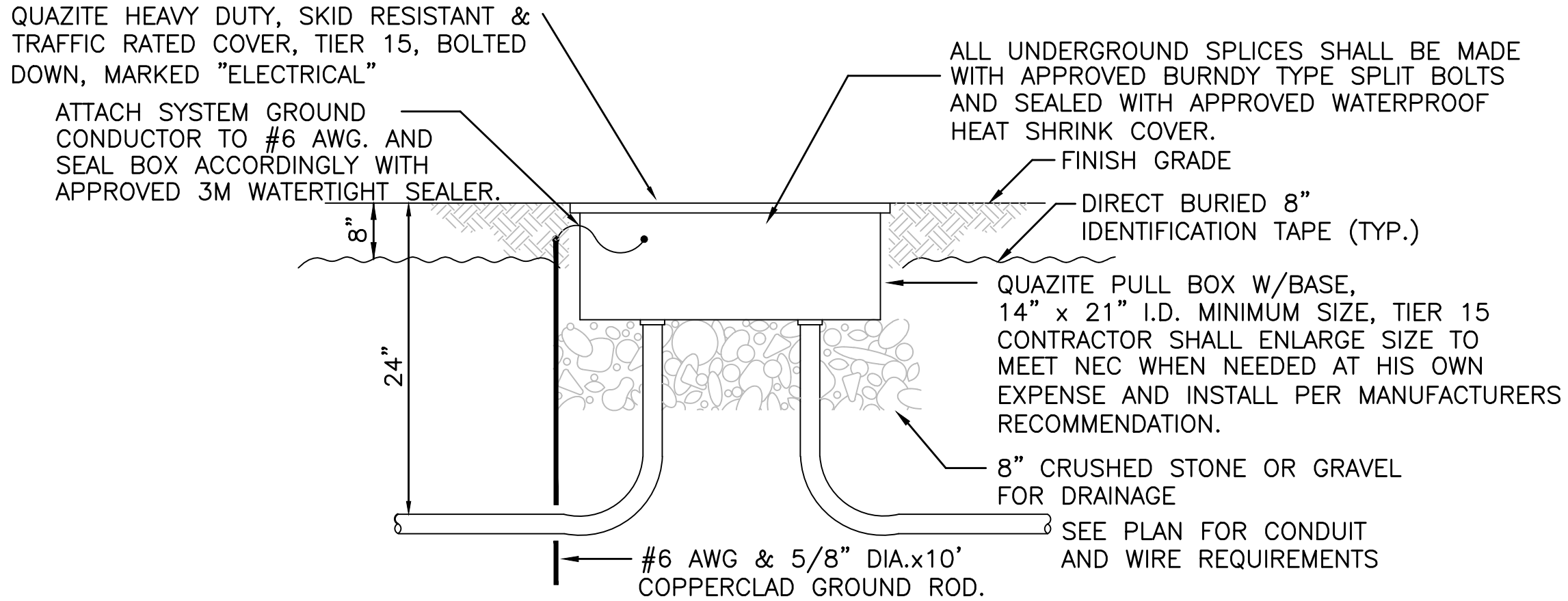
TENNIS COURT LIGHT POLE DETAIL TYPE TA AND TB
N.T.S.



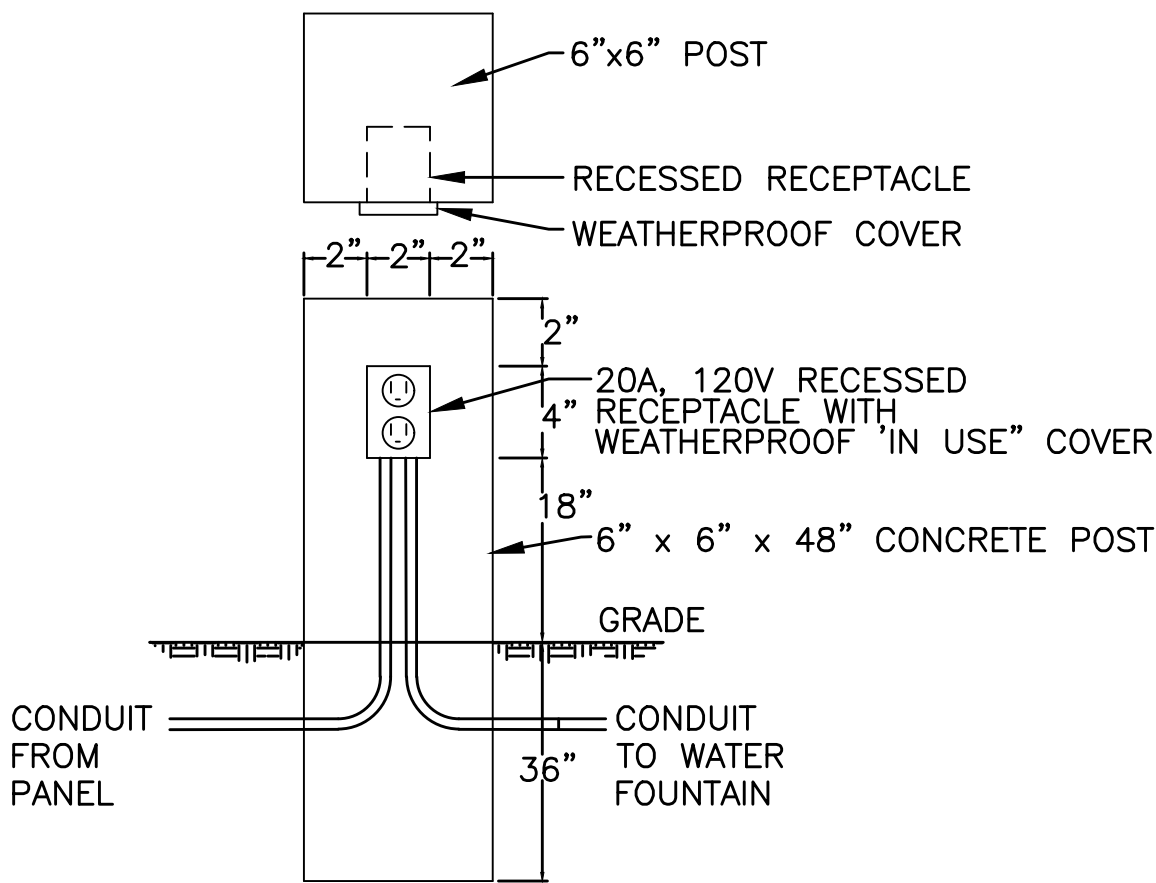
TYPE TA
N.T.S.



TYPE TB
N.T.S.



PULL BOX DETAIL
NOT TO SCALE



RECEPTACLE POST DETAIL
NOT TO SCALE

NOTE: RECEPTACLE CIRCUIT BREAKER SHALL BE GFI TYPE.

By tony at 3:49:40 PM, 3/17/2025

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PLOT DATE: Nov 13, 2024 - 3:11pm

Bar is equal to one inch on original drawing
Adjust all scaled dimensions accordingly.

Vertical Datum:
NGVD29
P.A. No.
VE009.00
Dwg. No.
44-42-19-05
Location:
PALM BEACH COUNTY, FL

No.	Date	By	Revision
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Florida P.E. No. 45997

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VILLAGE OF WELLINGTON
TENNIS CENTER
EXPANSION

VILLAGE OF WELLINGTON

ELECTRICAL DETAILS

FEBRUARY 2025

E-5

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

Ordering Information

MODEL	OPTICS	LEDS	CURRENT	KELVIN	VOLTAGE	MOUNTING	MOUNTING	FINISH	OPTIONS	OPTIONS
BLX-II-3	T1 Type 1	96LC	3 330mA	3K 3000K	UNV 120/277V	PT Post Top	WM Wall Mount	GY Grey	PCR-120 PCR-240	VWC Vibration Control
BLX-II-4	T2 Type 2	128LC	5 500mA	4K 4000K	8 347V	MA Mast Arm	WM Wall Mount	SL Silver	PCR-240 PCR-277	VWC Vibration Control
BLX-II-6	T3 Type 3	192LC	7 700mA	5K 5000K	5 480V	BOA Boat On Arm	WM Wall Mount	SL Silver	PCR-240 PCR-277	VWC Vibration Control
BLX-II-8	T4 Type 4	256LC	10 1000mA	5K 5000K	5 480V	BOA Boat On Arm	WM Wall Mount	SL Silver	PCR-240 PCR-277	VWC Vibration Control

Features & Specifications

BLX-II

BLX-II LED Specifications

BLX-II LED Specifications

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	148	154	158	162	166	170	174	178	182
128	500	136	142	146	150	154	158	162	166	170
192	700	131	137	141	145	149	153	157	161	165
256	1000	126	132	136	140	144	148	152	156	160

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	150	156	160	164	168	172	176	180	184
128	500	144	150	154	158	162	166	170	174	178
192	700	139	145	149	153	157	161	165	169	173
256	1000	134	140	144	148	152	156	160	164	168

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	152	158	162	166	170	174	178	182	186
128	500	146	152	156	160	164	168	172	176	180
192	700	141	147	151	155	159	163	167	171	175
256	1000	136	142	146	150	154	158	162	166	170

BLX-II LED Specifications

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	148	154	158	162	166	170	174	178	182
128	500	136	142	146	150	154	158	162	166	170
192	700	131	137	141	145	149	153	157	161	165
256	1000	126	132	136	140	144	148	152	156	160

LED Specifications BLX-II

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	148	154	158	162	166	170	174	178	182
128	500	136	142	146	150	154	158	162	166	170
192	700	131	137	141	145	149	153	157	161	165
256	1000	126	132	136	140	144	148	152	156	160

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

BLX-II LED Specifications

LED Specifications BLX-II

LED Specifications BLX-II

LED's	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Type 5WR	Type FN	Type FM
96	330	150	156	160	164	168	172	176	180	184
128	500	144	150	154	158	162	166	170	174	178
192	700	139	145	149	153	157	161	165	169	173
256	1000	134	140	144	148	152	156	160	164	168

CADD File: T:\SEC 2022\202106 MRA - Village of Wellington Tennis Center Expansion\Electrical Drawings\TENNCS01_E-1 ELECTRICAL SITE PLAN.dwg
PLOT DATE: Nov 11, 2024 - 4:31pm
Bar is equal to one inch on original drawing.

Vertical Datum: NGVD29
P.A. No. WE009.00
Dwg. No. 44-42-19-05
Location: PALM BEACH COUNTY, FL

MOCK•ROOS CONSULTING ENGINEERS

5720 Corporate Way, West Palm Beach, Florida 33407
(561) 683-3113, www.MockRoos.com

VILLAGE OF WELLINGTON TENNIS CENTER EXPANSION

TENNIS COURT LIGHT FIXTURE CUT SHEET

NOVEMBER 2024

E-6

EXHIBIT R2
SCHEDULE OF VALUES

EXHIBIT R2 SCHEDULE OF VALUES

Village of Wellington Wellington Tennis Center Expansion

Guaranteed Maximum Price

From: **Burkhardt Construction, Inc.**
Attn: Marc R. Kleisley
515 Palm Street
West Palm Beach, FL 33401
Tel: (561) 659-1400
Fax: (561) 659-1402

Owner: **Village of Wellington Engineering Department**
Attn: Mr. Jonathan Reinsvold, PE
12300 Forest Hill Blvd.
Wellington, FL 33414
Tel: (561) 791-4052

Designer: **Mock Roos Consulting Engineers**
5720 Corporate Way
West Palm Beach, FL 33407

Plans: Wellington Tennis Center Plan Set Dated 02/28/2025
Conformed Set
BCI Stamped Received 03/17/2025

Location: Wellington Tennis Center
3100 Lyons Road
Wellington, FL. 33414

Proposal
Date: 5/23/2025; Rev. 6/3/2025; Rev. 6/4/2025; Rev. 6/5/25

Direct Construction Costs	\$	1,293,280.55
Construction Manager Allowances	\$	180,164.50
General Conditions	\$	174,450.00
General Requirements	\$	67,310.00
Bonds	\$	23,575.00
Insurance	\$	38,950.00
Construction Manager Fee	\$	138,153.65
Owner Contingency (Owner Controlled)	\$	134,116.30
Assumptions & Clarifications		
Plan Log / Proposed Schedule		

TOTAL GUARANTEED MAXIMUM PRICE **\$ 2,050,000.00**



EXHIBIT R2 SCHEDULE OF VALUES

Wellington Tennis Center Expansion

Guaranteed Maximum Price

Direct Construction Costs

5/23/2025; Rev. 6/3/2025; Rev. 6/4/2025; Rev. 6/5/25

Prepared by Burkhardt Construction, Inc.

LEGEND FOR ABBREVIATIONS

EA - Each
E/D - Each Day
DAY - Daily
LS - Lump Sum
ROL - Rolls
LF - Lineal Foot
SF - Square Foot
SY - Square Yard
TCY - Truck Cubic Yard
ALL - Allowance

Item Description	Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
MAINTENANCE OF TRAFFIC										
				\$0.00						
MOT To Include But Not Limited to MOT Plan / Work Zone Signs / Temporary Barricades - Type I, Type II, Temp Construction Fence, Pedestrian, & Barrier wall / Danger Ribbon	1	ALL	\$10,500.00				BCI / ALLOWANCE			0.00
GENERAL REQUIREMENTS				\$48,730.00						
NPDES Filing & Reporting	1	LS	\$12,000.00	\$12,000.00			BIG D PAVING	12000.00		12000.00
Furnish And Install Silt Fence	2,109	LF	\$5.00	\$10,545.00			BIG D PAVING	10545.00		10545.00
Maintain Silt Fence	1	LS	\$10,545.00	\$10,545.00			BIG D PAVING	10545.00		10545.00
Furnish And Install Turbidity Barriers	238	LF	\$30.00	\$7,140.00			BIG D PAVING	7140.00		7140.00
Gravel Tracking Pad At Construction Entrance	1	EA	\$8,500.00	\$8,500.00			BIG D PAVING	8500.00		8500.00
Surveying & As-Built Record Drawings	1	LS	BY OTHERS					0.00		0.00
DEMOLITION				\$2,175.00						
Coordinate With Village To Relocate Existing Shed Having 378 SF Floor Area	1	EA	\$1,500.00	\$1,500.00			BCI	1500.00		1500.00
Remove Existing Concrete Valve Box / Thrust Block And Replace in Kind Within Proposed Sidewalk	1	EA	\$550.00	\$550.00			BCI	550.00		550.00
Remove Existing 1" Cap And Two 1" Ball Valves	1	EA	\$125.00	\$125.00			BCI	125.00		125.00
DRAINAGE				\$6,590.00						
Trench Drain, ACO Sport System 4000 With H.P.P. Grates	448	LF	INCL. IN COURTS	INCL. IN COURTS			FDC INCL. IN COURTS			0.00
4" PVC Stub Outs	152	LF	\$20.00	\$3,040.00			FDC	3040.00		3040.00
4" Stub Out Connections To In-line Catch Basin	9	EA	\$150.00	\$1,350.00			FDC	1350.00		1350.00
4" Stub Out Connections To Existing 18" Storm Pipe Per Detail 1/C5-1	8	EA	\$250.00	\$2,000.00			FDC	2000.00		2000.00
Connect 4" PVC Stub Out Into Existing Nyloplast Inlet	1	EA	\$200.00	\$200.00			FDC	200.00		200.00
WATER				\$8,770.00						
Furnish & Install 1/2" PVC Potable Water Pipe	358	LF	\$15.00	\$5,370.00			BCI	5370.00		5370.00
Furnish & Install 1" PVC Potable Water Pipe	210	LF	\$15.00	\$3,150.00			BCI	3150.00		3150.00
Connect Proposed 1" PVC Pipe To Existing 1" PVC Pipe	1	EA	\$125.00	\$125.00			BCI	125.00		125.00
Furnish & Install 1" Cap And Two 1" Ball Valves	1	EA	\$125.00	\$125.00			BCI	125.00		125.00
IRRIGATION				\$0.00						
Coordinate With Village To Relocate Existing 6 EA Landscape Irrigation Control Boxes And/Or Modify Existing Landscape Irrigation As Necessary To Construct New Tennis Courts	1	LS	\$2,000.00				ALLOWANCE			0.00
Furnish & Install 2" Schd 40 PVC Court Irrigation Service	310	LF	\$20.00				ALLOWANCE			0.00
Remove Existing 2" Cap and Connect Proposed 2" PVC Service To Existing Service	1	EA	\$125.00				ALLOWANCE			0.00
Furnish & Install 2" Cap To Proposed 2" PVC Irrigation Service	2	EA	\$125.00				ALLOWANCE			0.00
Furnish & Install 4" Schd 40 PVC Landscape Irrigation Main	758	LF	\$34.00				ALLOWANCE			0.00
Connect Proposed 4" PVC Landscape Irrigation Main To Existing 3" Main	1	EA	\$125.00				ALLOWANCE			0.00
Connect Proposed 4" PVC Landscape Irrigation Main To Existing 4" Main	1	EA	\$125.00				ALLOWANCE			0.00
Cut And Cap Existing 4" Landscape Irrigation Main	1	EA	\$125.00				ALLOWANCE			0.00

EXHIBIT R2 SCHEDULE OF VALUES

Item Description	Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
SITEWORK / EARTHWORK										
				\$60,312.00						
	Strip Grass / Remove and Dispose Existing Topsoil	6934 SY	\$5.00	\$ 34,670.00			BIG D PAVING	34670.00		34670.00
	Excavate 6" Deep / Grade / Compact for Concrete Sidewalk	872 SY	\$9.00	\$ 7,848.00			BIG D PAVING	7848.00		7848.00
	Regrade Disturbed Areas for Sod	8,897 SY	\$2.00	\$ 17,794.00			BIG D PAVING	17794.00		17794.00
CONCRETE				\$0.00						
	Furnish & Install 6" Concrete Sidewalk	7,846 SF	\$8.75				ALLOWANCE			0.00
				\$264,740.40						
180' x 120' BATTERY OF 3 EA HARD TENNIS COURTS PER DETAILS ON PLAN SHEET C1-8	Excavate Tennis Court 7-1/2" Deep	2,516 SY	\$7.50	\$ 18,870.00			BIG D PAVING	18870.00		18870.00
	Furnish & Install 6" Rock Base, Laser Graded And Compacted	22,640 SF	\$3.00	\$ 67,920.00			BIG D PAVING	67920.00		67920.00
	Prime Rock Base And Pave With 1-1/2" Virgin Type S-III Hot Mix Asphalt	22,640 SF	\$2.50	\$ 56,600.00			BIG D PAVING	56600.00		56600.00
	Furnish & Install Fiberglass Membrane Over Entire Surface	22,640 SF	\$5.36	\$ 121,350.40			FDC	121350.40		121350.40
	Pressure Clean Asphalt Surface And Apply 1 Coat of Laykold Acrylic Resurfacer	22,640 SF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install 4 Coat Acrylic Color System, Including 2 Coats of Laykold Acrylic Resurfacer, 2 Coats of Tropiccoat Acrylic Court Paint And Playing Lines to USTA Specifications	22,640 SF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Install Set of 2 EA Tennis Net Post Footers With PVC Sleeves And Center Anchors	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install Set of 2 EA, 10-S Tennis Supply Neverrust All-Aluminum External Wind Net Posts	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install 10-S Tennis Supply Six Star II Nets With Center Straps, And Anchor Mates With Locking Bands	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
				\$273,286.50						
	Excavate Tennis Court 4-1/2" Deep	2,517 SY	\$5.00	\$ 12,585.00			BIG D PAVING	12585.00		12585.00
	Furnish & Install 3-1/2" Screening Sand Base	22,650 SF	\$11.51	\$ 260,701.50			FDC	260701.50		260701.50
180' x 120' BATTERY OF 3 EA CLAY TENNIS COURTS PER DETAILS ON PLAN SHEET C1-8	Furnish & Install 1" Green Rock Hydroblend Surface Herringbone Style Line Tapes To USTA Specifications Secured With 3" Aluminum Nails	22,650 SF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install Besser Block Perimeter Curb	1,394 LF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Install Set of 2 EA Tennis Net Post Footers With PVC Sleeves And Center Anchors	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install Hydrocourt Irrigation Systems For A Battery of 3 EA Clay Tennis Courts, Complete With Dual Liners, Control Boxes, 2" Irrigation Service and 1.5" Drain Pipes To Provide A Complete Working System	1 LS	INCL. IN COURTS	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install Set of 2 EA, 10-S Tennis Supply Neverrust All-Aluminum External Wind Net Posts	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install 10-S Tennis Supply Streamliner Nets With Center Straps, And Anchor Mates With Locking Bands	3 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
				\$139,530.15						
	Remove & Dispose of Existing Fence and Gates	311 LF	\$448.65	\$ 139,530.15			FDC	139530.15		139530.15
	Replace Existing Fence Including Posts, Rails, Hardware etc. To Match Existing	123 LF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install 10' Height Chain Link Fence - Black Vinyl (Includes Length of Gates) & Windscreen (6' High)	1,842 LF	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
	Furnish & Install Chain Link Fence Gates - Black Vinyl	16 EA	INCL ABOVE	INCL ABOVE			FDC	INCL ABOVE		0.00
ELECTRICAL				\$333,243.50						
	Furnish & Install Tennis Court Light Pole Type TA Including Pull Box Complete With Ground Wire And Rod Per Detail On Plan Sheet E-5. Lighting To Be VISIONAIRE LIGHTING LLC BLX-II_4_T4T_128LC_10_4K POLE MOUNT 24' AFG ON 3' ARM, 6944 TOTAL WATTS Per Luminaire Schedule On Plan Sheet E-4	8 EA	\$8,530.00	\$ 68,240.00			C.R. DUNN	68240.00		68240.00
	Furnish & Install Tennis Court Light Pole Type TB Including Pull Box Complete With Ground Wire And Rod Per Detail On Plan Sheet E-5. Lighting To Be VISIONAIRE LIGHTING LLC BLX-II_4_T4T_128LC_10_4K POLE MOUNT 24' AFG ON 3' ARM, 13888 TOTAL WATTS Per Luminaire Schedule On Plan Sheet E-4	8 EA	\$13,710.00	\$ 109,680.00			C.R. DUNN	109680.00		109680.00
	Furnish & Install PB Pull Box per Detail on Drawing E-5	1 EA	\$2,500.00	\$ 2,500.00			C.R. DUNN	2500.00		2500.00
	Furnish & Install Receptacle Post per Detail on Drawing E-5	4 EA	\$2,700.00	\$ 10,800.00			C.R. DUNN	10800.00		10800.00
	Furnish & Install 2-2" PVC Schd 80 Conduits With 8#8, 1#8EG And 1" PVC Schd 80 Conduit With 4#10 From Pull Box To Existing Panel PS	382 LF	\$77.05	\$ 29,433.10			C.R. DUNN	29433.10		29433.10



EXHIBIT R2 SCHEDULE OF VALUES

Item Description		Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
Furnish & Install 1" PVC Schd 80 Conduit With 2#8, 1#8EG From Court Lights To Pull Box Furnish & Install 1" PVC Schd 80 Conduit With 1#8, 1#8EG From Receptacle To Pull Box Furnish & Install New Relay Panel Per Note #1 on Plan Sheet E-3, With 16-2P-30A-480V Contactors For Each Tennis Court Lighting Circuit. Cabinet Shall Be NEMA 4X, 316 Stainless Steel Powder Coated Gray To Match Existing. Size Cabinet Per NEC. Coil For Contactors Shall Be 120 Volt And Connected To Existing120 Volt Coil Circuit In Existing Relay Panel. Coordinate With MUSCO For Required Control Circuits Modify MUSCO's Existing Control Cabinet Per Note #2 On Plan Sheet E-3. Coordinate With Musco For Modification Of MUSCO's Existing Control Cabinet As Necessary For The Additional Two Tennis Court Lighting Circuits. Provide additional Two H-O-A Key Switches To Match Existing Key LANDSCAPING Furnish & Install Gravel And Filter Cloth Furnish & Install Steel Edging Furnish & Install Sod Furnish / Install Sod (Bahia Sod) for Swale and Disturbed Areas Temp Watering As Necessary For Establishment Period FURNISHINGS Furnish & Install MB1013 - Green or Approved Equal Benches From 10-S Drinking Fountains (Match Existing) (4 Each) STRUCTURES Furnish & Install Cabana/Shelter Per Detail 1/C5-2. Each Cabana/Shelter Floor Area is 200 SF	1,487	LF	\$17.30	\$	25,725.10			C.R. DUNN	25725.10		25725.10
	761	LF	\$17.30	\$	13,165.30			C.R. DUNN	13165.30		13165.30
	1	EA	\$37,700.00	\$	37,700.00			C.R. DUNN	37700.00		37700.00
	1	EA	\$36,000.00	\$	36,000.00			C.R. DUNN	36000.00		36000.00
					\$58,403.00						
	4,750	SF	\$3.50					ALLOWANCE			0.00
	211	LF	\$15.00					ALLOWANCE			0.00
	2,354	SF	\$1.00	\$	2,354.00			JW TURF	2354.00		2354.00
	80,070	SF	\$0.70	\$	56,049.00			JW TURF	56049.00		56049.00
	1	ALL	\$6,500.00					ALLOWANCE			0.00
					\$5,500.00						
	11	EA	\$500.00	\$	5,500.00			FDC	5500.00		5500.00
	1	ALL	\$40,000.00					ALLOWANCE			0.00
					\$92,000.00						
	4	EA	\$23,000.00	\$	92,000.00			FDC	92000.00		92000.00
Wellington Tennis Center Expansion Total Direct Costs						\$1,293,280.55					
						0.00	0.00	0.00	1293280.55	0.00	1293280.55

*SUBCONTRACTORS:
SITEWORK / TENNIS COURT PREP - BIG D PAVING
TENNIS COURT CONSTRUCTION - Fast Dry Courts, Inc.
ELECTRICAL - CR DUNN, INC.
SOD - JW TURF

*THE LIST OF SUBCONTRACTORS CAN ALSO BE FOUND ON THE DIRECT CONSTRUCTION COST SHEETS IN THE SUBCONTRACTOR COLUMN



EXHIBIT R2

List of Proposed Subcontractors

Big D
C.R. Dunn
JW Turf
Fast Dry Courts

EXHIBIT R2 - OWNER DIRECT PURCHASE

THERE ARE NO OWNER DIRECT PURCHASES FOR THIS PROJECT

Exhibit R3
Construction/Progress Schedule

EXHIBIT R3 CONSTRUCTION / PROGRESS SCHEDULE




















		VILLAGE OF WELLINGTON Tennis Center																																																	
D	Task Name	Duration	Start	Finish	% Complete	July 2025					August 2025					September 2025					October 2025					November 2025					December 2025					January 2026					February 2026										
						4	9	14	19	24	29	3	8	13	18	23	28	2	7	12	17	22	27	2	7	12	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26	31	5	10	15	20	25	30	4	9	14
1	CONSTRUCTION	165 days?	Mon 7/7/25	Fri 2/20/26	0%																																														
2	MOBILIZATION / SITE SET UP	5 days	Mon 7/7/25	Fri 7/11/25	0%																																														
3	SITWORK DEMOLITION	10 days	Mon 7/14/25	Fri 7/25/25	0%																																														
4	ROUGH GRADE SITE	10 days	Mon 7/28/25	Fri 8/8/25	0%																																														
5	ELECTRICAL ROUGH	15 days	Mon 8/11/25	Fri 8/29/25	0%																																														
6	PLUMBING ROUGH	15 days	Mon 8/11/25	Fri 8/29/25	0%																																														
7	DRAINAGE ROUGH	15 days	Mon 8/11/25	Fri 8/29/25	0%																																														
8	GRADE / COMPACT / TENNIS COURT PADS	9 days	Tue 9/2/25	Fri 9/12/25	0%																																														
9	ASPHALT HARD COURT PAD	3 days	Mon 9/15/25	Wed 9/17/25	20%																																														
10	CONSTRUCT CLAY COURTS	67 days	Thu 9/18/25	Fri 12/19/25	50%																																														
11	CONSTRUCT HARD COURTS	70 days	Mon 10/20/25	Fri 1/23/26	0%																																														
12	DRAINAGE TIE INS	15 days	Mon 11/17/25	Fri 12/5/25	0%																																														
13	WATER TIE INS	15 days	Mon 11/17/25	Fri 12/5/25	0%																																														
14	ELECTRICAL TIE INS	15 days	Mon 11/17/25	Fri 12/5/25	0%																																														
15	GRADE/COMPACT/POUR CONCRETE WALKS	12 days	Mon 12/8/25	Tue 12/23/25	20%																																														
16	FENCING / FURNISHINGS / SHELTERS	10 days	Mon 1/19/26	Fri 1/30/26	0%																																														
17	SITE RESTORATION	5 days	Mon 2/2/26	Fri 2/6/26	0%																																														
18	FINAL CONSTRUCTION CLEAN	10 days	Mon 2/9/26	Fri 2/20/26	0%																																														
19	**THIS IS ONLY A PRELIMINARY TIMELINE CONSTRUCTION SCHEDULE. THE ACTUAL CONSTRUCTION SCHEDULE WILL BE ESTABLISHED PRIOR TO START OF CONSTRUCTION AND INPUT FROM SUBCONTRACTORS IS RECEIVED. **																																																		

EXHIBIT R4
CONSTRUCTION MANAGER'S ALLOWANCES

EXHIBIT R4 ALLOWANCES

Wellington Tennis Center Expansion

Guaranteed Maximum Price

Construction Manager Allowances

Rev. 6/5/25

Prepared by Burkhardt Construction, Inc.

LEGEND FOR ABBREVIATIONS

EA - Each
E/D - Each Day
DAY - Daily
LS - Lump Sum
ROL - Rolls
LF - Lineal Foot

SF - Square Foot
SY - Square Yard
TCY - Truck Cubic Yard
ALL - Allowance

Item Description	Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
MAINTENANCE OF TRAFFIC										
				\$10,500.00						
			\$10,500.00	\$10,500.00						
MOT To Include But Not Limited to MOT Plan / Work Zone Signs / Temporary Barricades - Type I, Type II, Temp Construction Fence, Pedestrian, & Barrier wall / Danger Ribbon	1	ALL					BCI / ALLOWANCE	10500.00		10500.00
IRRIGATION				\$34,722.00						
	1	LS	\$2,000.00	\$2,000.00			ALLOWANCE	2000.00		2000.00
	310	LF	\$20.00	\$6,200.00			ALLOWANCE	6200.00		6200.00
	1	EA	\$125.00	\$125.00			ALLOWANCE	125.00		125.00
	2	EA	\$125.00	\$250.00			ALLOWANCE	250.00		250.00
	758	LF	\$34.00	\$25,772.00			ALLOWANCE	25772.00		25772.00
	1	EA	\$125.00	\$125.00			ALLOWANCE	125.00		125.00
	1	EA	\$125.00	\$125.00			ALLOWANCE	125.00		125.00
	1	EA	\$125.00	\$125.00			ALLOWANCE	125.00		125.00
	1	EA	\$125.00	\$125.00			ALLOWANCE	125.00		125.00

EXHIBIT R4 ALLOWANCES

Item Description	Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
CONCRETE Furnish & Install 6" Concrete Sidewalk	7,846	SF								
				\$68,652.50						
			\$8.75	\$ 68,652.50	ALLOWANCE	68652.50		68652.50		
LANDSCAPING Furnish & Install Gravel And Filter Cloth Furnish & Install Steel Edging Temp Watering As Necessary For Establishment Period	4,750	SF								
				\$26,290.00						
	\$3.50	\$ 16,625.00	ALLOWANCE	16625.00		16625.00				
	211	LF	\$15.00	\$ 3,165.00	ALLOWANCE	3165.00		3165.00		
	1	ALL	\$6,500.00	\$ 6,500.00	ALLOWANCE	6500.00		6500.00		
FURNISHINGS Drinking Fountains (Match Existing) (4 Each)	1	ALL								
				\$40,000.00						
			\$40,000.00	\$ 40,000.00	ALLOWANCE	40000.00		40000.00		
Wellington Tennis Center Expansion Allowances					\$180,164.50					
					Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal
					0.00	0.00	0.00	180164.50	0.00	180164.50

EXHIBIT R5
ASSUMPTIONS AND CLARIFICATIONS

EXHIBIT R5 ASSUMPTIONS AND CLARIFICATIONS

Village of Wellington Wellington Tennis Center Expansion Guaranteed Maximum Price

Assumptions & Clarifications - 5/23/2025; REV. 6/3/2025; REV. 6/4/2025; REV. 6/5/2025

GENERAL

- 1 Scope of work and quantities are based on Public Works Storage Facility Plans from Village of Wellington (Sitework) and Walker Design & Construction (PEM Building).
- 2 Guaranteed Maximum Price (G.M.P.) was compiled using competitive bids received from pre-approved subcontractors and vendors.
- 3 G.M.P. includes a 12.1% contingency. This contingency is controlled by the Village of Wellington.
- 4 G.M.P. does not include a cost for a master permit fee, sub-permit fees, capital improvement fees, or connection fees.
- 5 It is understood that the Direct Construction Cost (Exhibit "A") is unit prices for the work shown in the plans and as modified by these exceptions and clarifications.
- 6 Project master schedule and schedule updates shall be a bar chart schedule acceptable to the Owner prepared by CMAR in house personnel.
- 7 Project Manual as described in the contract shall mean the closeout project manual which shall be updated periodically and presented to the Owner upon completion of the project. The information contained in this manual shall be as requested by the Owner.
- 8 G.M.P. cost estimate does not include premium time/overtime work hours.
- 9 G.M.P. cost estimate does not include additional insurance premiums for naming individual property owners as additional insureds. Village of Wellington shall be named additionally insured.
- 10 G.M.P. cost estimate does not include a project specific policy with a 5 year tail after final payment.
- 11 All Construction easements shall be executed and recorded and all permits shall be issued prior to notice to proceed.
- 12 Direct Construction costs are based on a project start date of July 2025. Labor and equipment prices are firm for all work completed through February 2026. After February 2026 material price increases will be considered by the Owner. If approved, material price increases shall be passed through with proper documentation, and paid for with contingency.
- 13 Village of Wellington Building Permits; All permits shall be obtained prior to start of construction and receipt of notice to proceed. Plans have not yet been through permitting and GMP does not reflect any special permitting requirements. Costs for any special permitting requirements shall be taken from the contingency with proper documentation. A Special Inspector is specifically excluded.
- 14 The project will require free and unlimited jobsite access for workmen and deliveries during all authorized work hours. Access along the South property line/L-10 canal (horse trail) will be closed during construction.



EXHIBIT R5 ASSUMPTIONS AND CLARIFICATIONS

- 15 Burkhardt Construction, Inc. (BCI) is not liable for failure to perform such work or any damages that occur if such failure is as a result of Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster). If BCI asserts Force Majeure as the reason for failure to perform such work or such damages occur as a result of any Act of God, then BCI must prove that they took reasonable steps to minimize delay or damages caused by unforeseeable events, that BCI substantially fulfilled all obligations, and that the owner was timely notified of the likelihood or actual occurrence of the event described as an Act of God (Force Majeure). Any construction related damages that took place as a result, shall be repaired or removed and replaced at the same contract unit prices and shall be paid out of the contingency.
- 16 In the event that the terms and provisions of this G.M.P. conflict with the terms and provisions of the Contract, the terms and provisions of the attached G.M.P. shall govern with respect to the performance of the work.
- 17 G.M.P. does not include any vibration monitoring or a pre/post construction survey by a geotechnical engineer on the existing buildings or structures in the project area. Should either of those tasks be required, the value will be taken from contingency.
- 18 Due to the present volatile nature of the construction market, construction material costs could change substantially prior to construction. Due to the recent tariffs and the potential for future tariffs, material prices are increasing anywhere from 5% to 15% per month. The G.M.P. does not include any assumed material price increases. Material price increases may be passed through to the Owner with proper documentation, and paid for with buyout contingency.
- 19 The GMP is based on current market pricing. If a commitment from the Village to move forward with the project is not approved by July 15, 2025, pricing could be subject to change. Prices cannot be held for an extended period of time without commitments to vendors and subcontractors. Any material price increases shall be passed through to the Owner with proper documentation, and paid for with owners contingency.

DEMOLITION / CLEARING & GRUBBING

- 1 G.M.P. does not include costs for removal / remediation of asbestos cement pipe or any other hazardous materials.

EARTHWORK / GRADING / FIELD CONSTRUCTION

- 1 G.M.P. does not include removal or replacement of any unsuitable subsoils. Demucking is specifically excluded. Rock excavation is specifically excluded.
- 2 Prices are based on re-using excavated material. No unsuitable subsoil excavation, removal, replacement or stabilization is included. Unsuitable soil, if encountered shall be removed, disposed of, replaced as directed by the Owner and billed to the Owner at the actual direct cost.
- 3 Geotech bore reports were provided by the Village of Wellington. No subsurface soil investigations were performed by the CMAR during pre-construction services.
- 4 G.M.P. is based on the assumption that the entire site will be closed during construction.



EXHIBIT R5 ASSUMPTIONS AND CLARIFICATIONS

WATER / SEWER / STORM DRAINAGE

- 1 G.M.P. cost estimate assumes existing water valves can be shut off to perform required offset work. If the line cannot be shut down, line stops will be required and the costs associated shall be paid from contingency.
- 2 G.M.P. cost estimate does not include any Village of Wellington meter installation and hook-up fees.
- 3 Cleaning of existing storm drainage lines is not included in the GMP.
- 4 G.M.P. does not include any cost for disposal/treatment of contaminated ground water if dewatering operations take place. It is assumed that clean groundwater generated by dewatering operations will be discharged into the existing storm drainage system.

FRANCHISE UTILITIES / ELECTRICAL

- 1 G.M.P. cost estimate does not include any design, engineering or installation fees which may be charged to the Owner by franchise utility companies. (electric, telephone, cable tv, gas). G.M.P. does not include the undergrounding of franchise utilities or any costs associated with modifying existing franchise utilities.
- 2 The Construction Manager at Risk shall not assume liability or warranty any work performed by FPL, COMCAST, ATT, Florida Public Utilities and/or their subcontractors.
- 3 G.M.P. cost estimate does not include furnishing or installation of cameras, camera equipment, Wi-Fi, Wi-Fi equipment, audio equipment or wiring for these items.

LANDSCAPE / IRRIGATION

- 1 G.M.P. cost estimate does not include an annual landscape maintenance agreement.
- 2 G.M.P. includes minor modifications to the existing irrigation system.



Exhibit R6
List of Extended Warranties

THERE ARE NO EXTENDED WARRANTIES FOR THIS PROJECT

EXHIBIT R7
STIPULATED GENERAL CONDITIONS
AND
GENERAL REQUIREMENTS

EXHIBIT R7 STIPULATED GENERAL CONDITIONS AND GENERAL REQUIREMENTS

Village of Wellington

Wellington Tennis Center Expansion

Guaranteed Maximum Price

GENERAL CONDITIONS / GENERAL REQUIREMENTS

From: Burkhardt Construction, Inc.
Attn: Marc R. Kleisley
515 Palm Street
West Palm Beach, FL 33401
Tel: (561) 659-1400
Fax: (561) 659-1402

Owner: Village of Wellington Engineering Department
Attn: Mr. Jonathan Reinsvold, PE
12300 Forest Hill Blvd.
Wellington, FL 33414
Tel: (561) 791-4052

Designer: Mock Roos Consulting Engineers
5720 Corporate Way
West Palm Beach, FL 33407

Plans: Wellington Tennis Center Plan Set Dated 02/28/2025
Conformed Set

Location: Wellington Tennis Center
3100 Lyons Road
Wellington, FL. 33414

Proposal
Due Date: 5/23/2025; Rev. 6/3/2025; Rev. 6/4/2025; Rev. 6/5/25

Item Description						Amount
MOBILIZATION (move-in, move-out)						\$0.00
TRANSPORT	\$65.00 /	Hr	x	0		\$0.00
EQUIPMENT	\$35.00 /	Hr.	x	0		\$0.00
PROJECT FIELD OFFICE						\$22,145.00
OFFICE &/or CONSTRUCTION TRAILER	FURNISHED BY OWNER					
YARD	FURNISHED BY OWNER					
EMPLOYEE PARKING FEES	\$0.00 /	mo.	x	0		\$0.00
WORK PLATFORM FOR YARD	\$500.00 /	mo.	x	0		\$0.00
TEMPORARY FENCING FOR YARD	SEE DIRECT COSTS					
CONSTRUCTION YARD LIGHTING	\$0.00 /	mo.	x	0		\$0.00
OFFICE FURNISHINGS	\$500.00 /	mo.	x	0		\$0.00
COMPUTERS	\$300.00 /	mo.	x	7		\$2,100.00
SCHEDULING SOFTWARE	\$100.00 /	mo.	x	7		\$700.00
PROCORE MANAGEMENT SOFTWARE	\$4,500.00 /	ls	x	1		\$4,500.00



EXHIBIT R7 STIPULATED GENERAL CONDITIONS AND GENERAL REQUIREMENTS

COPY MACHINE	\$200.00 /	mo.	x	7	\$1,400.00
FAX MACHINE	NOT REQUIRED	/	mo.	x	
INTERNET SERVICE	\$150.00 /	mo.	x	7	\$1,050.00
CELLULAR TELEPHONE	\$150.00 /	mo.	x	7	\$1,050.00
TELEPHONE	\$150.00 /	mo.	x	0	\$0.00
FEDERAL EXPRESS MAILINGS	\$100.00 /	mo.	x	0	\$0.00
POSTAGE	\$50.00 /	mo.	x	0	\$0.00
PHOTOGRAPHS					
AERIAL PHOTOS	\$110.00 /	mo.	x	7	\$770.00
JOB PHOTOS	\$100.00 /	mo.	x	7	\$700.00
PRE-CONSTRUCTION VIDEO	\$3,000.00 /	ls	x	1	\$3,000.00
PRINTING COSTS	\$750.00 /	ls	x	1	\$750.00
OFFICE SUPPLIES	\$100.00 /	mo.	x	7	\$700.00
FIRST AID SUPPLIES	\$50.00 /	mo.	x	7	\$350.00
WATER SERVICE	FURNISHED BY OWNER				
SANITARY SERVICE	FURNISHED BY OWNER				
ELECTRIC SERVICE	FURNISHED BY OWNER				
GARBAGE SERVICE	FURNISHED BY OWNER				
CONSTRUCTION WATER	\$500.00 /	mo.	x	7	\$3,500.00
JOHN DEERE GATOR	\$500.00 /	mo.	x	0	\$0.00
ICE	\$225.00 /	mo.	x	7	\$1,575.00

BONDS

GENERAL BOND	\$2,050,000.00	x	1.15%	\$23,575.00
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PARTNERING INITIATIVES

NOTICES, LETTERS, INFORMATION MEETINGS	\$0.00
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INSURANCE

GENERAL INSURANCE	\$2,050,000.00	x	1.90%	\$38,950.00
Commercial General Liability				
Comprehensive Automobile Liability				
Owner Indemnification				
Professional (Errors/Omissions) Liability				
Excess/Umbrella Liability				
ADD'L INSURED	\$0.00 / ea.	x	0	\$0.00
ADDED INSURANCES REQUIRED	\$0.00	x	0	\$0.00
Project Specific policy	Not Included			
Builders Risk Insurance	By Owner			
Installation Floater	Not Included			
Flood Insurance	Not Required			
SUBCONTRACTORS' INSURANCE	Included in their direct costs			

SANITARY SERVICES

JOB TOILET (1ea.)/PROJECT	\$475.00 /	mo.	x	7	\$3,325.00
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TESTING COSTS

DENSITIES	\$25.00 /	TEST	x	50	\$1,250.00
PROCTORS	\$125.00 /	TEST		2	\$250.00
LIMEROCK BEARING RATIO	\$295.00 /	TEST		2	\$590.00
SIEVE ANALYSIS	\$50.00 /	TEST		0	\$0.00
ORGANIC CONTENT	\$48.00 /	TEST		0	\$0.00
CONCRETE CYLINDERS	\$25.00 /	CYL.		50	\$1,250.00
PARTICLE SHAPE TEST (ASTM S 2488)	\$125.00 /	TEST		0	\$0.00
ENGINEERING & REPORTING	\$2,500.00 /	LS		6	\$15,000.00
PRE/POST CONST. SURVEY/VIBRATION MONITORING					EXCLUDED

EXHIBIT R7 STIPULATED GENERAL CONDITIONS AND GENERAL REQUIREMENTS

FEES						None Anticipated
PERMIT FEES						EXCLUDED
SFWMD DEWATERING PERMIT						EXCLUDED
PALM BEACH COUNTY HEALTH DEPARTMENT						EXCLUDED
SURVEYING						\$23,000.00
LAYOUT & ASBUILTS						\$18,000.00
ALLOWANCE FOR RESTAKING & DRAFTING						\$5,000.00
SMALL HAND TOOLS/EQUIPMENT RENTAL						\$500.00
GENERAL CONDITIONS/GENERAL REQUIREMENTS TOTAL						\$129,835.00



EXHIBIT R7 STIPULATED GENERAL CONDITIONS AND GENERAL REQUIREMENTS

Village of Wellington Wellington Tennis Center Expansion

Guaranteed Maximum Price General Conditions

From: Burkhardt Construction, Inc.
Attn: Marc R. Kleisley
515 Palm Street
West Palm Beach, FL 33401
Tel: (561) 659-1400
Fax: (561) 659-1402

Owner: Village of Wellington Engineering Department
Attn: Mr. Jonathan Reinsvold, PE
12300 Forest Hill Blvd.
Wellington, FL 33414
Tel: (561) 791-4052

Designer: Mock Roos Consulting Engineers
5720 Corporate Way
West Palm Beach, FL 33407

Plans: Wellington Tennis Center Plan Set Dated 02/28/2025
Conformed Set
BCI Stamped Received 03/17/2025

Location: Wellington Tennis Center
3100 Lyons Road
Wellington, FL. 33414

**Proposal
Due Date:** 5/23/2025; Rev. 6/3/2025; Rev. 6/4/2025; Rev. 6/5/25

MANAGEMENT TEAM					
Item Description	Quantity	(Hrs./Week)	Wks.	Rate/Hr.	Amount
Total project management duration is based on 7 mos.					
Project Principal	5	Hrs./Wk.	30	\$ 175.00	\$ 26,250.00
Senior Project Manager	16	Hrs./Wk.	30	\$ 150.00	\$ 72,000.00
Vertical Project Manager	0	Hrs./Wk.	30	\$ 120.00	\$ -
Project Manager	0	Hrs./Wk.	30	\$ 120.00	\$ -
Assistant Project Manager	16	Hrs./Wk.	30	\$ 75.00	\$ 36,000.00
Hardscape Construction Field Manager	0	Hrs./Wk.	0	\$ 100.00	\$ -
Assistant Construction Field Manager	12	Hrs./Wk.	30	\$ 65.00	\$ 23,400.00
Project Accountant	4	Hrs./Wk.	30	\$ 90.00	\$ 10,800.00
Administrative Assistant	4	Hrs./Wk.	30	\$ 50.00	\$ 6,000.00
Field Office Clerk	0	Hrs./Wk.	0	\$ 30.00	\$ -
General Conditions Total					<u><u>\$ 174,450.00</u></u>



Exhibit R8
Submittal Schedule

EXHIBIT R8 SUBMITTAL SCHEDULE



Burkhardt Construction, Inc.

Printed on Fri Jun 6, 2025 at 02:57 pm EDT

Job #: 2503 PRECON - WELLINGTON TENNIS CENTER EXPANSION

3100 LYONS RD

WELLINGTON, Florida 33414

5617914000

All Submittals

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
	23	0	DRINKING FOUNTAINS CABANA SHELTERS		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	22	0	BENCHES		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	21	0	SOD		Open	JW Turf Farms						Marc Kleisley (Burkhardt Construction, Inc.)						
	20	0	ELECTRICAL CONDUITS / EQUIPMENT / LIGHT POLES & FITTINGS, JUNCTION BOXES		Open	C.R. Dunn, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	19	0	WINDSCREEN		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	18	0	FENCE POSTS / CHAINLINK FENCE / FENCE GATES & IRONMONGERY		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	17	0	BESSER BLOCKS		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	16	0	HYDROBLEND SURFACE LINE TAPES / ALUMINUM NAILS		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	15	0	NEST POST FOOTER		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	14	0	TENNIS EQUIPMENT		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	13	0	LAYKOLD ACRYLIC RESURFACER / COLOR SYSTEM / COURT PAINT		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	12	0	FIBERGLASS MEMBRANE		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	11	0	ASPHALT		Open	Big D Paving						Marc Kleisley (Burkhardt Construction, Inc.)						
	10	0	STEEL EDGING		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	9	0	FILTER CLOTH		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	8	0	GRAVEL		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	7	0	SCREENING SAND BASE		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						

EXHIBIT R8 SUBMITTAL SCHEDULE



Burkhardt Construction, Inc.

Printed on Fri Jun 6, 2025 at 02:57 pm EDT

Job #: 2503 PRECON - WELLINGTON TENNIS CENTER EXPANSION

3100 LYONS RD
WELLINGTON, Florida 33414
5617914000

Spec Section	#	Rev.	Title	Type	Status	Responsible Contractor	Final Due Date	Submit By	Location	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Due Date	Distributed Date
	6	0	ROCK BASE		Open	Big D Paving						Marc Kleisley (Burkhardt Construction, Inc.)						
	5	0	CONCRETE		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	4	0	HYDROCOURT IRRIGATION SYSTEM		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						
	3	0	LANDSCAPE IRRIGATION		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	2	0	WATER		Open	Burkhardt Construction, Inc.						Marc Kleisley (Burkhardt Construction, Inc.)						
	1	0	DRAINAGE		Open	Fast-Dry Courts						Marc Kleisley (Burkhardt Construction, Inc.)						