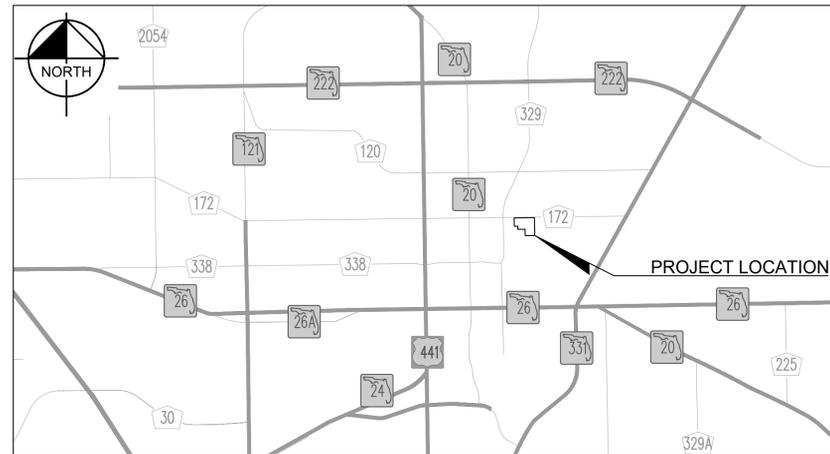


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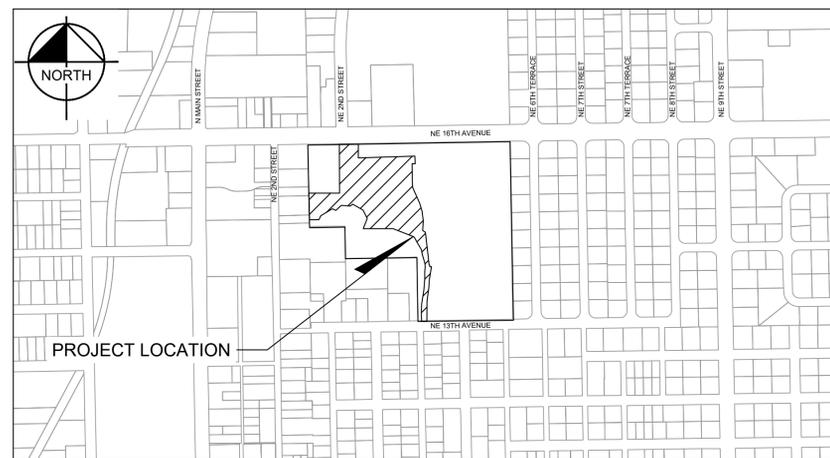
PROJECT NAME TOM PETTY PARK PICKLEBALL IMPROVEMENTS
PROJECT LOCATION 501 NE 16TH AVENUE
GAINESVILLE, FL 32601
OWNER CITY OF GAINESVILLE
ZONING PUBLIC SERVICES AND OPERATIONS (PS)
FUTURE LAND USE RECREATION
PARCEL ACCT. NO. 10256-000-000
PROJECT AREA 226,240 S.F. (5.1938 AC.)
FLOOD ZONE X
TRANSPORTATION MOBILITY PROGRAM AREA (TMPA) ZONE A
VEHICLE TRIP GENERATION
TOTAL PEAK HOUR A.M. XX
TOTAL PEAK HOUR P.M. XX
PARKING CALCULATIONS
PARKING REQUIRED XX
PARKING PROVIDED 86 SPACES (INCLUDES 6 ADA COMPLIANT SPACES)

TOM PETTY PARK
PICKLEBALL IMPROVEMENTS
SITE DEVELOPMENT PLANS
FOR
CITY OF GAINESVILLE
SECTION 33, TOWNSHIP 09 SOUTH, RANGE 20 EAST

JULY 2024
VICINITY MAP



LOCATION MAP



SURVEY:

CONTACT: 3002 SURVEYING, INC.
1330 NW 6TH STREET, SUITE C
GAINESVILLE, FL 32601
PHONE: (352) 538-1320

NOTE: SEE TOPOGRAPHIC SURVEY BY 3002 SURVEYING, INC. FOR BEARINGS
& DISTANCES, MONUMENTATION, SECTION DATA, DATUM, FENCES,
NOTES, AND SURVEYOR'S CERTIFICATION.

AGENCY PERMITS:

SURVMD ONGOING
CITY OF GAINESVILLE ONGOING
GRU ONGOING

PROJECT:

PROJECT CONSISTS OF REMOVING THE EXISTING RACQUETBALL COURTS,
ADJACENT CONCRETE, ADJACENT MAINTENANCE STRUCTURE, AND ADJACENT
ASPHALT TRAIL, SEAL AND RESTRIPE EXISTING PARKING LOT, CONSTRUCT
PICKLEBALL COURTS AND ASSOCIATED AMENITIES, RESURFACE EXISTING
ASPHALT TRAIL.

ENGINEER'S CERTIFICATION:

I HEREBY CERTIFY THAT THESE PLANS AND CALCULATIONS WERE COMPLETED IN
ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE CITY OF GAINESVILLE 'LAND
DEVELOPMENT CODE' EXCEPT AS WAIVED, THAT THE ADJACENT PROPERTIES WILL BE
PROTECTED FROM STORMWATER DAMAGE AS A RESULT OF THIS PROPOSED
DEVELOPMENT, THAT THE DRAINAGE FACILITIES INCORPORATED HEREON ARE SUFFICIENT
IN SIZE, AND THAT SIGHT DISTANCE AT DRIVEWAYS COMPLY WITH A.A.S.H.T.O. AND THE
F.D.O.T. SITE IMPACT HANDBOOK. I FURTHER CERTIFY THAT THIS PLAN MEETS ALL
REQUIREMENTS OF THE F.D.E.P. AND S.J.R.W.M.D.



WILD SPACES & PUBLIC PLACES
306 NE 6TH AVENUE
GAINESVILLE, FL 32609
BETSY WAITE, PE - DIRECTOR
PH: 352-393-8187
EMAIL: WAITEED@CITYOFGAINESVILLE.ORG

OF KIMLEY-HORN AND ASSOCIATES, INC. DATE:

STATEMENT OF OWNERSHIP
& CERTIFICATION

THIS IS TO HEREBY CERTIFY THAT WE, OUR SUCCESSORS AND ASSIGNS, SHALL
PERPETUALLY MAINTAIN THE IMPROVEMENTS AS DESCRIBED IN THE OPERATION AND
MAINTENANCE INSTRUCTIONS, AND AS SHOWN ON THESE PLANS.

CITY OF GAINESVILLE

AGENCY CONTACT LISTING

GAINESVILLE REGIONAL UTIL.
ANDREW ROBERTS
(352) 393-1639

GOVERNING STANDARDS AND SPECIFICATIONS

- THE CITY OF GAINESVILLE LAND DEVELOPMENT CODE
FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE
CONSTRUCTION DATED FY 2024-2025
AND FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION DATED JULY 2024-2025, AS AMENDED BY CONTRACT
DOCUMENTS.

PROJECT OWNER AND CONSULTANTS

OWNER:
CITY OF GAINESVILLE
306 NE 6TH AVENUE, BUILDING B
GAINESVILLE, FL 32601
(352) 334-5067

SURVEYOR:
3002 SURVEYING, LLC
BRIAN E. MURPHY, P.S.M.
1330 NW 6TH STREET, SUITE C
GAINESVILLE, FL 32601
(352) 528-1320

CIVIL ENGINEERING, LANDSCAPE ARCHITECTURE
AND ENVIRONMENTAL CONSULTANT:
KIMLEY-HORN AND ASSOCIATES, INC.
800 SW 2ND AVENUE, SUITE 100
GAINESVILLE, FLORIDA 32601
(352) 374-3274

GEOTECHNICAL:
GSE ENGINEERING AND CONSULTING, INC.
5590 SW 84TH STREET, SUITE B
GAINESVILLE, FL 32608
(352) 377-3233

INDEX OF SHEETS

Table with 2 columns: NUMBER, TITLE. Lists sheet numbers (C0.0 to E201) and their corresponding titles.

STORMWATER MANAGEMENT UTILITY DATA:

TOTAL ONSITE IMPERVIOUS AREA 68,389 SF
TOTAL OFFSITE IMPERVIOUS AREA 0 SF
TOTAL IMPERVIOUS AREA 68,389 SF

Table with 4 columns: BASIN ID, LOWEST DISCHARGE EL. (FT), VOL. BELOW DISCHARGE EL. (CF), AREA AT LOWEST DISCHARGE EL. (AC). Row 1: DRA-1 (WET DETENTION), 179.00, 17,324, 0.1523.

FOR REVIEW ONLY
GRU CERTIFICATION
DATE: _____

- GRU NOTIFICATIONS
1. NOTIFY GRU WASTEWATER ENGINEERING 48 HOURS PRIOR TO CONSTRUCTION AT 352-393-1633; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO STOP WORK ORDER.
2. NOTIFY GRU ELECTRIC INSPECTIONS 48 HOURS PRIOR TO CONSTRUCTION AT 352-339-0430; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO BE SHUT DOWN.

CALL 2 BUSINESS DAYS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Table with 4 columns: DESIGN DEVELOPMENT SUBMITTAL, 90% CONSTRUCTION DOCUMENTS, NOT FOR CONSTRUCTION, REVISIONS. Rows for 05-21-24 and 07-02-24.



LICENSED PROFESSIONAL
DAVID C. SOWELL
FLORIDA LICENSE NUMBER 68551

COVER SHEET

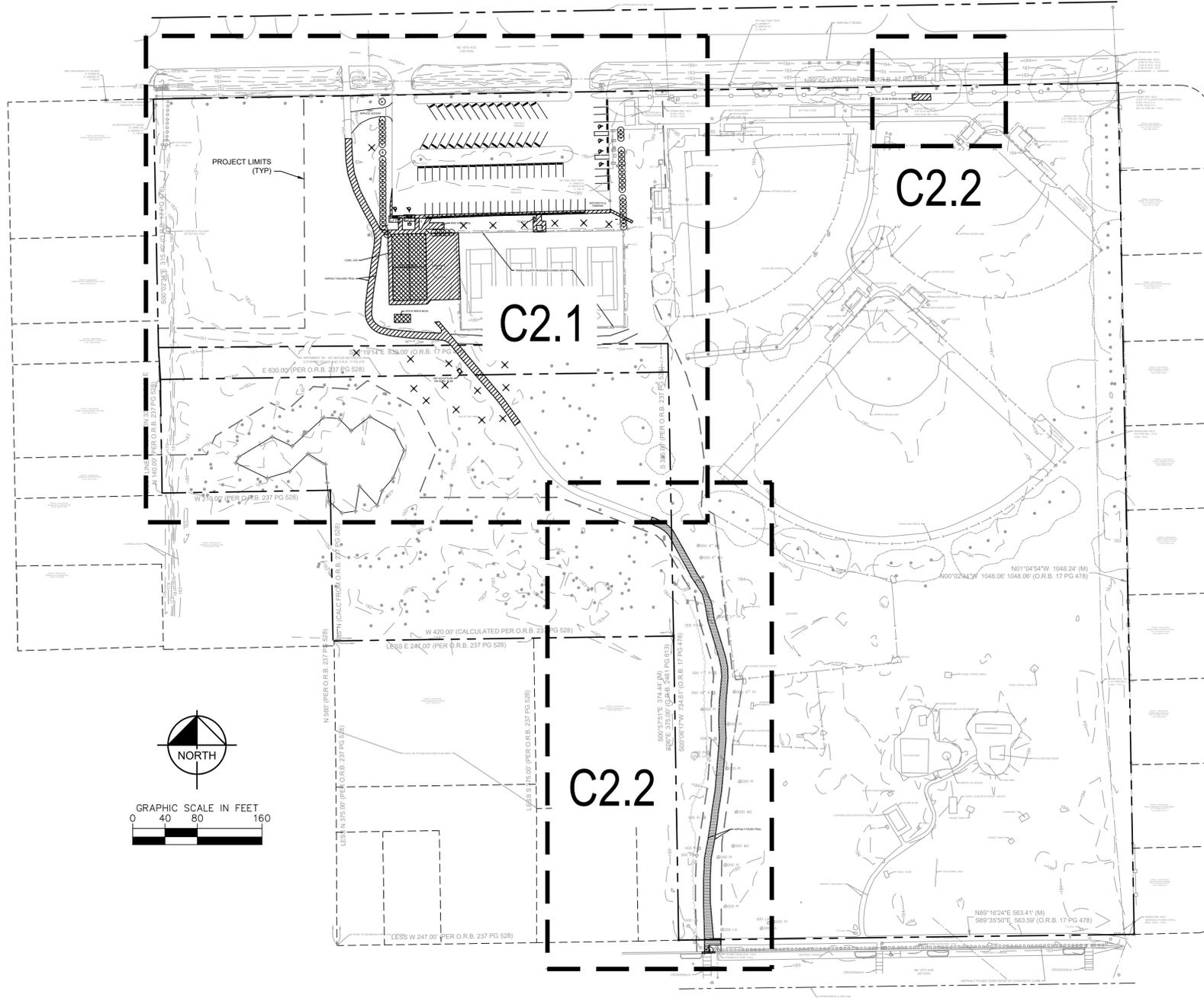
TOM PETTY PARK
PICKLEBALL IMPROVEMENTS
PREPARED FOR
CITY OF GAINESVILLE
WILD SPACES & PUBLIC PLACES

SHEET NUMBER
C0.0

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K:\2024\142107025 - Tom Petty Construction, Docs\A\A-Working Files\A\A-Working Files\C2.0 EXISTING CONDITIONS AND DEMOLITION PLAN.dwg, Layout: C2.0 OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN, Jul 02, 2024, dcs\mymahon

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**TOM PETTY PARK
PICKLEBALL IMPROVEMENTS
PREPARED FOR
CITY OF GAINESVILLE
WILD SPACES & PUBLIC PLACES**

**OVERALL EXISTING
CONDITIONS AND
DEMOLITION PLAN**

KHA PROJECT
142107025
DATE
JULY 2024
SCALE AS SHOWN
DRAWN BY WDM
CHECKED BY DCS

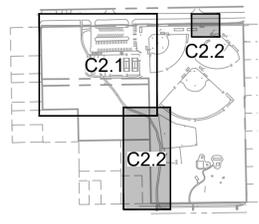
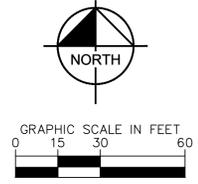
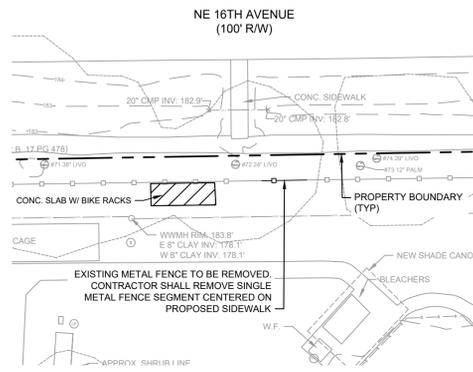
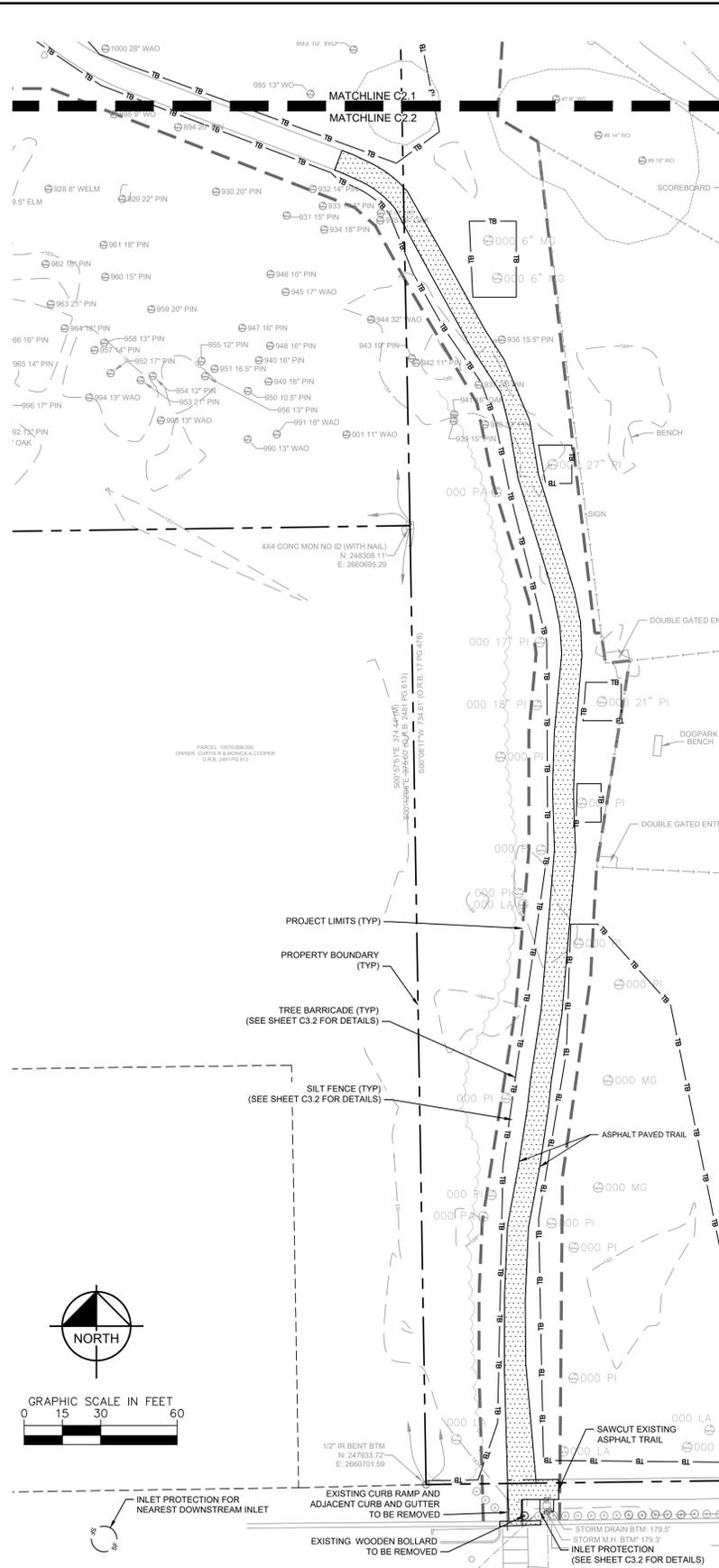
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800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

DESIGN DEVELOPMENT SUBMITTAL	05-21-24	-
90% CONSTRUCTION DOCUMENTS	07-02-24	-
NOT FOR CONSTRUCTION REVISIONS	-	-
No.	DATE	BY

SHEET NUMBER
C2.0

GAINESVILLE FLORIDA

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DEMOLITION LEGEND

	ASPHALT/CONCRETE TO BE REMOVED
	ASPHALT TO BE RESURFACED
	BUILDING/STRUCTURE TO BE REMOVED
	TREE TO BE REMOVED

- DEMOLITION NOTES**
- ALL DEMOLITION MATERIALS ARE TO BE REMOVED FROM SITE AND PROPERLY DISPOSED OF IN A LEGAL MANNER. AFTER DEMOLITION IS COMPLETE THE SITE SHALL BE DELIVERED IN A CONDITION SUITABLE FOR DEVELOPMENT.
 - THIS DEMOLITION PLAN IS BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER, ARCHITECT, AND ENGINEER.
 - VARIATIONS TO CONDITIONS OR DISCREPANCIES IN ACTUAL FIELD CONDITIONS AS THEY APPLY TO THE DEMOLITION OR SITE DEVELOPMENT WORK MUST BE BROUGHT TO THE OWNER'S REPRESENTATIVE AND ENGINEER'S ATTENTION PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION.
 - CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING WATER SPRINKLING OR OTHER SUITABLE MEANS OF CONTROL.
 - DEWATERING SHOULD BE ANTICIPATED AND ALL COSTS, PERMITS, AND EQUIPMENT FOR DEWATERING SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
 - DEMOLITION CONTRACTOR SHALL CONSTRUCT EROSION CONTROL MEASURES AS SHOWN ON THESE PLANS AS NECESSARY DURING DEMOLITION OPERATIONS OR AS DIRECTED BY THE ENGINEER, CITY, OR COUNTY INSPECTOR TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SOIL EROSION AND SEDIMENTATION.
 - CONTRACTOR TO USE CARE IN HANDLING DEBRIS FROM SITE TO ENSURE THE SAFETY OF THE PUBLIC. HAUL ROUTE IS TO BE CLOSELY MONITORED FOR DEBRIS OR MATERIALS TRACKED ONTO ADJOINING ROADWAYS, SIDEWALKS, ETC. ALL ROADWAYS AND WALKWAYS ARE TO BE CLEARED DAILY OR AS NECESSARY TO MAINTAIN PUBLIC SAFETY.
 - THE DEMOLITION CONTRACTOR MUST NOTIFY ALL UTILITY COMPANIES, FIRE MARSHAL, AND OWNER'S REPRESENTATIVE PRIOR TO INTERRUPTION OF ANY UTILITY SERVICE. THE DEMOLITION CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH AND ADHERENCE TO THE REGULATIONS REGARDING SERVICE INTERRUPTION OF EACH UTILITY COMPANY AND FIRE MARSHAL.
 - THE DEMOLITION CONTRACTOR MUST PROTECT ALL LANDSCAPING AND OTHER FEATURES DESIGNATED TO REMAIN, AND REPLACE SUCH ITEMS WITHOUT ADDITIONAL PAYMENT IF DISTURBED DURING DEMOLITION.
 - ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
 - THE DEMOLITION CONTRACTOR MUST PROTECT BENCH MARKS PROPERTY CORNERS, AND ALL OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF A MARKER MUST BE REMOVED, IT SHALL BE REPLACED BY A LICENSED LAND SURVEYOR AND REPLACED.
 - THE DEMOLITION CONTRACTOR SHALL ACQUIRE ALL PERMITS AND PAY ALL ASSOCIATED FEES PERTAINING TO THE DEMOLITION AND DISPOSAL REQUIREMENTS. THE DEMOLITION CONTRACTOR IS RESPONSIBLE FOR ADHERENCE TO ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING THIS WORK. IF THERE ARE NO LOCAL, STATE, OR FEDERAL REQUIREMENTS THE DEMOLITION CONTRACTOR SHALL ACQUIRE AN ENGINEER'S CERTIFICATION THAT THE WORK HAS BEEN DONE IN ACCORDANCE WITH THE PLANS.
 - CONTRACTOR TO SCHEDULE A PRE-DEMOLITION INSPECTION WITH PUBLIC WORKS PRIOR TO ANY CONSTRUCTION BEGINNING. THIS MEETING WILL COVER THE LIMITS OF THE SILT FENCE AND DISCUSS THE R.O.W. OBSTRUCTION PERMIT NEEDED PRIOR TO ANY WORK BEING PERFORMED WITHIN THE CITY R.O.W. EMAIL: DO.PW.PERMITS@CITYOFGAINESVILLE.COM FOR A R.O.W. OBSTRUCTION PERMIT APPLICATION.
 - CONTRACTOR SHALL CONTACT GRU TO INSPECT THE SANITARY SEWER LATERAL ONCE CUT AND CAPPED.

DESIGN DEVELOPMENT SUBMITTAL	05-21-24
90% CONSTRUCTION DOCUMENTS	07-02-24
NOT FOR CONSTRUCTION	
REVISIONS	DATE BY
No.	

Kimley-Horn
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 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

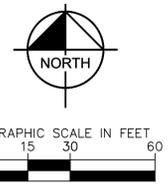
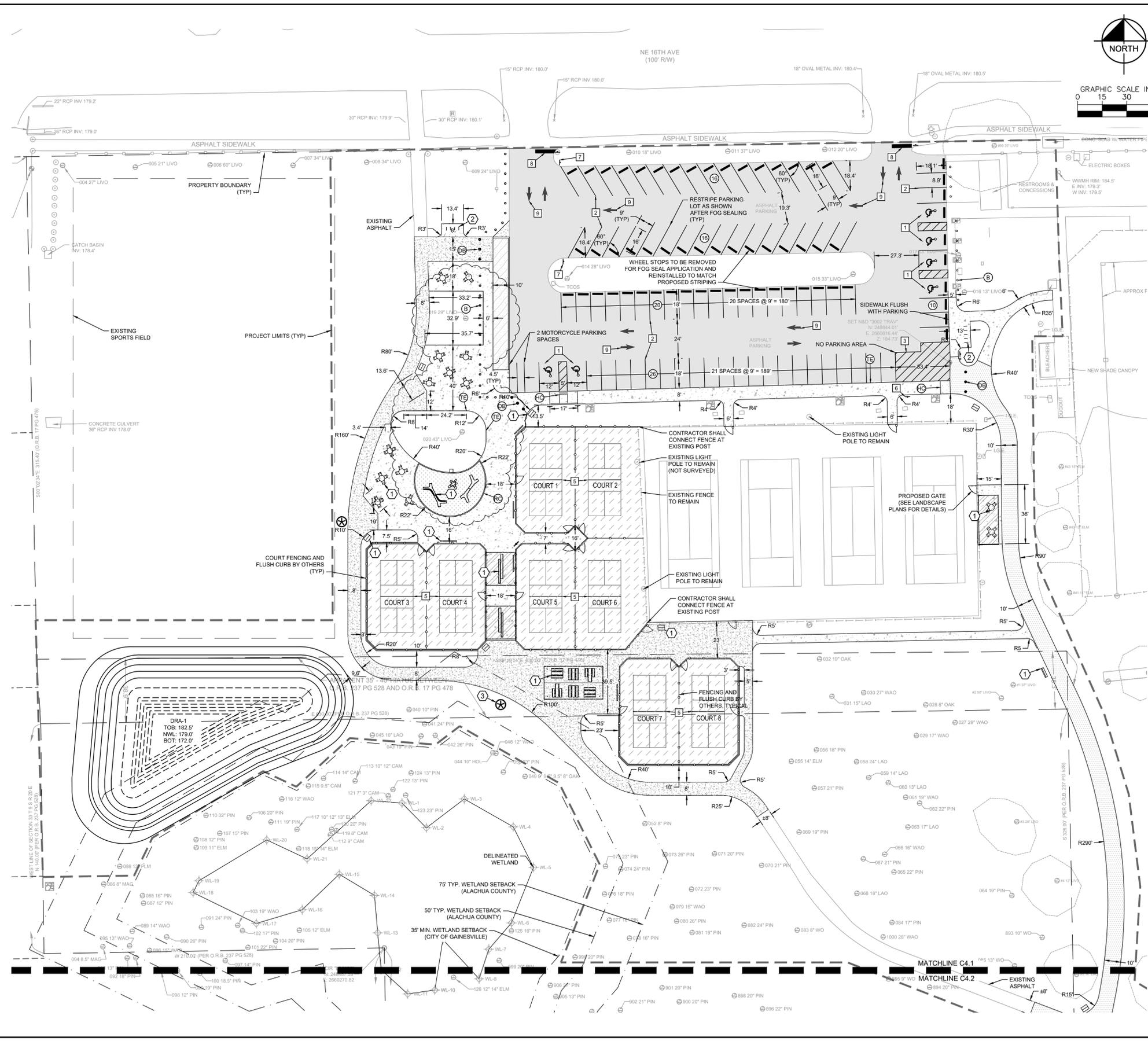
LICENSED PROFESSIONAL
 DAVID C. SOWELL
 FLORIDA LICENSE NUMBER 66551
 WDM
 CHECKED BY: DCS DATE:

EXISTING CONDITIONS AND DEMOLITION PLAN

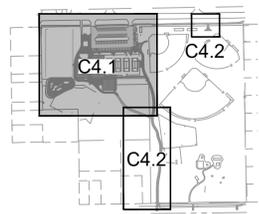
TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES
 FLORIDA

SHEET NUMBER
C2.2

K:\01_14\2107025 - Tom Petty Park Pickleball Improvements\Drawings\Site Geometry and Marking\Layout\CA1_Site Geometry and Marking Plan - Jul 02, 2024.dwg
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DESIGN DEVELOPMENT SUBMITTAL	05-21-24	BY
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No.		



PAVEMENT LEGEND

- ① - 6" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
- ② - 4" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
- ③ - #57 GRAVEL (SEE DETAIL SHEET C7.0)
- ④ - SYNTHETIC TURF (SEE DETAIL SHEET C7.0)
- ⑤ - ASPHALT PAVEMENT (SEE DETAIL SHEET C7.0)
- ⑥ - FOG SEALED ASPHALT PAVEMENT
- ⑦ - SHADE STRUCTURE (SEE LANDSCAPE PLANS FOR DETAILS)
- ⑧ - PICKLEBALL COURT (SEE LANDSCAPE PLANS FOR DETAILS)

CURB LEGEND

- SEE SHEET C7.0 FOR DETAILS
- ① - PARKING STALLS
 - ② - 6" RIBBON CURB (TYP)
 - ③ - THICKENED EDGE SIDEWALK (TYP)
 - ④ - ACCESSIBLE CURB RAMP (PER FDOT INDEX NO. 522-002)
 - ⑤ - 3" CURB TRANSITION (TYP)
 - ⑥ - BOLLARD (TYP) (SEE HARDSCAPE PLANS FOR DETAILS)
 - ⑦ - DROP DOWN BOLLARD (TYP) (SEE HARDSCAPE PLANS FOR DETAILS)

SIGN AND PAVEMENT MARKING LEGEND

- ① - HANDICAP SPACES PER FLORIDA'S ACCESSIBILITY CODE WITH SIGNS (SEE SHEET C7.0 FOR DETAILS)
- ② - 4" WHITE STRIPE (TYP)
- ③ - 4" YELLOW STRIPE (TYP)
- ④ - RELOCATED NO MOTOR VEHICLES/DOGS ON LEASH SIGN
- ⑤ - PICKLEBALL COURT STRIPING (SEE LANDSCAPE PLANS FOR DETAILS)
- ⑥ - NO PARKING ALLOWED SIGN
- ⑦ - DO NOT ENTER SIGN (R5-1)
- ⑧ - 36" STOP SIGN (R1-1) AND 24" WHITE STOP BAR, MIN. 4" FROM CROSSWALK
- ⑨ - WHITE DIRECTIONAL ARROW PER FDOT INDEX 711-001

KEYNOTE LEGEND

- ① - SITE FURNISHINGS (SEE HARDSCAPE PLANS FOR DETAILS)
- ② - BIKE RACK (SEE HARDSCAPE PLANS FOR DETAILS)
- ③ - SALVAGED AND RELOCATED SCULPTURE (SEE HARDSCAPE PLANS FOR DETAILS)

NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. PRIOR TO CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE AUTHORITY HAVING JURISDICTION.
3. MAXIMUM RUNNING SLOPE ON SIDEWALKS SHALL NOT EXCEED 5.00% (1:20).
4. MAXIMUM CROSS SLOPE ON SIDEWALKS SHALL NOT EXCEED 2.00% (1:50).
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING AREAS SHALL NOT EXCEED 2.00% (1:50) IN ANY DIRECTION.
6. SEE HARDSCAPE PLANS FOR SITE FURNISHING SPECIFICATIONS AND LAYOUT.

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 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601
 PHONE: 352-374-3274
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 REGISTRY NO. 35106

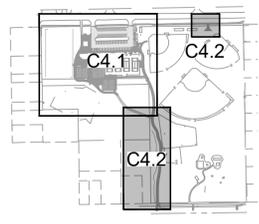
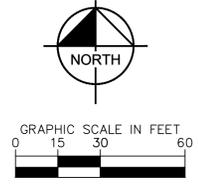
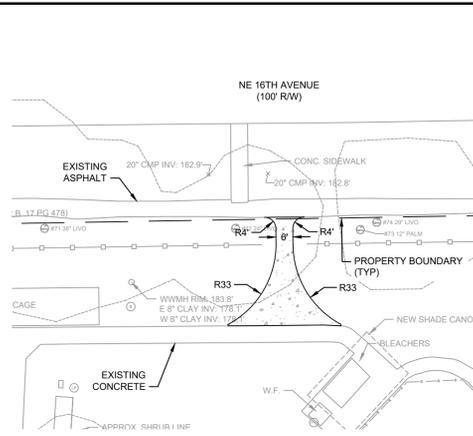
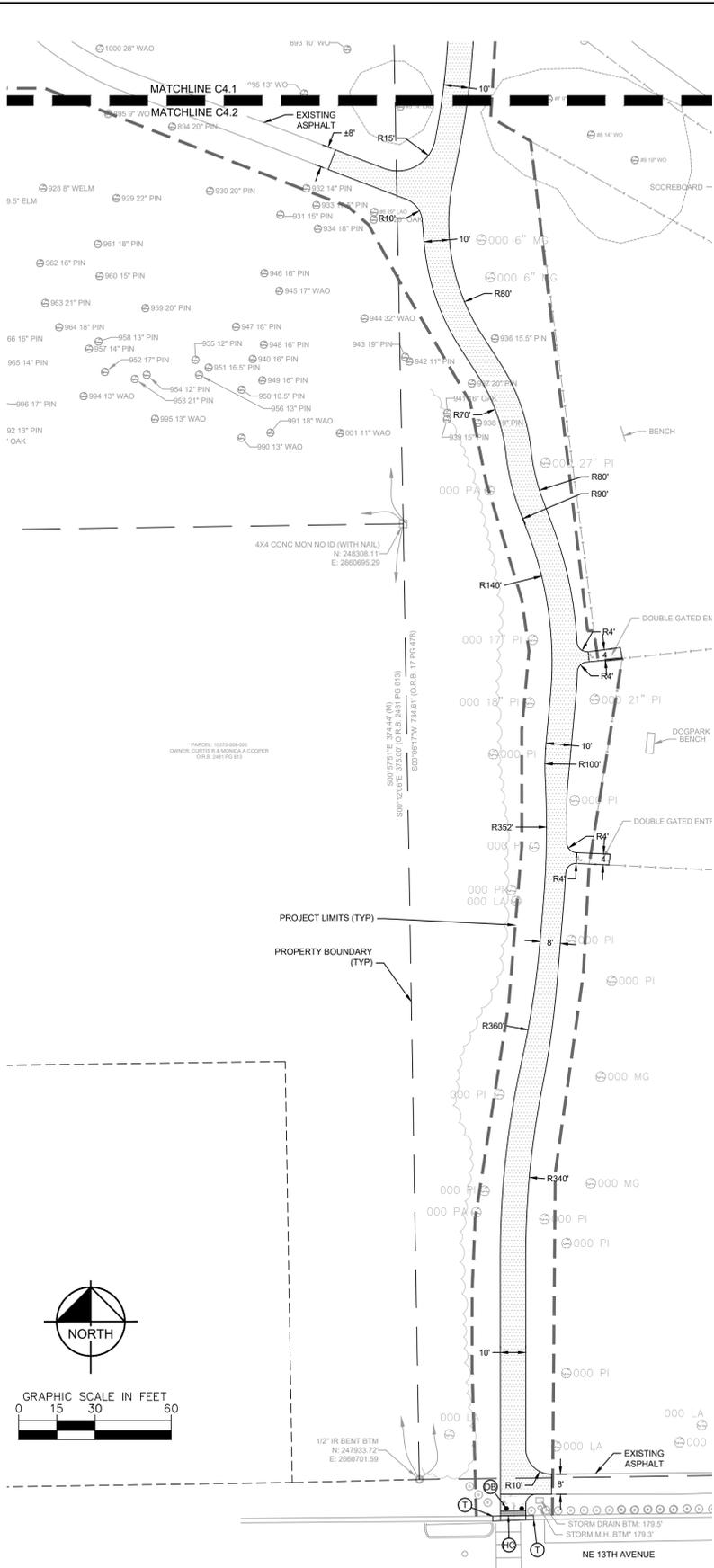
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 DAVID C. SOWELL
 FLORIDA LICENSE NUMBER 66531
 PROJECT 142107025
 DATE JULY 2024
 SCALE AS SHOWN
 DESIGNED BY WDM
 DRAWN BY WDM
 CHECKED BY DCS
 DATE

SITE GEOMETRY AND MARKING PLAN

TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES

SHEET NUMBER
C4.1

K:\01_LA\142107025 - Tom Petty Park Pickleball Improvements\Drawings\02 SITE GEOMETRY AND MARKING PLAN - July 02, 2024.dwg
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DESIGN DEVELOPMENT SUBMITTAL	05-21-24	DATE	BY
90% CONSTRUCTION DOCUMENTS	07-02-24		
NOT FOR CONSTRUCTION			
REVISIONS			

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 PHONE: 352-374-3274
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 DAVID C. SOWELL
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 WDM
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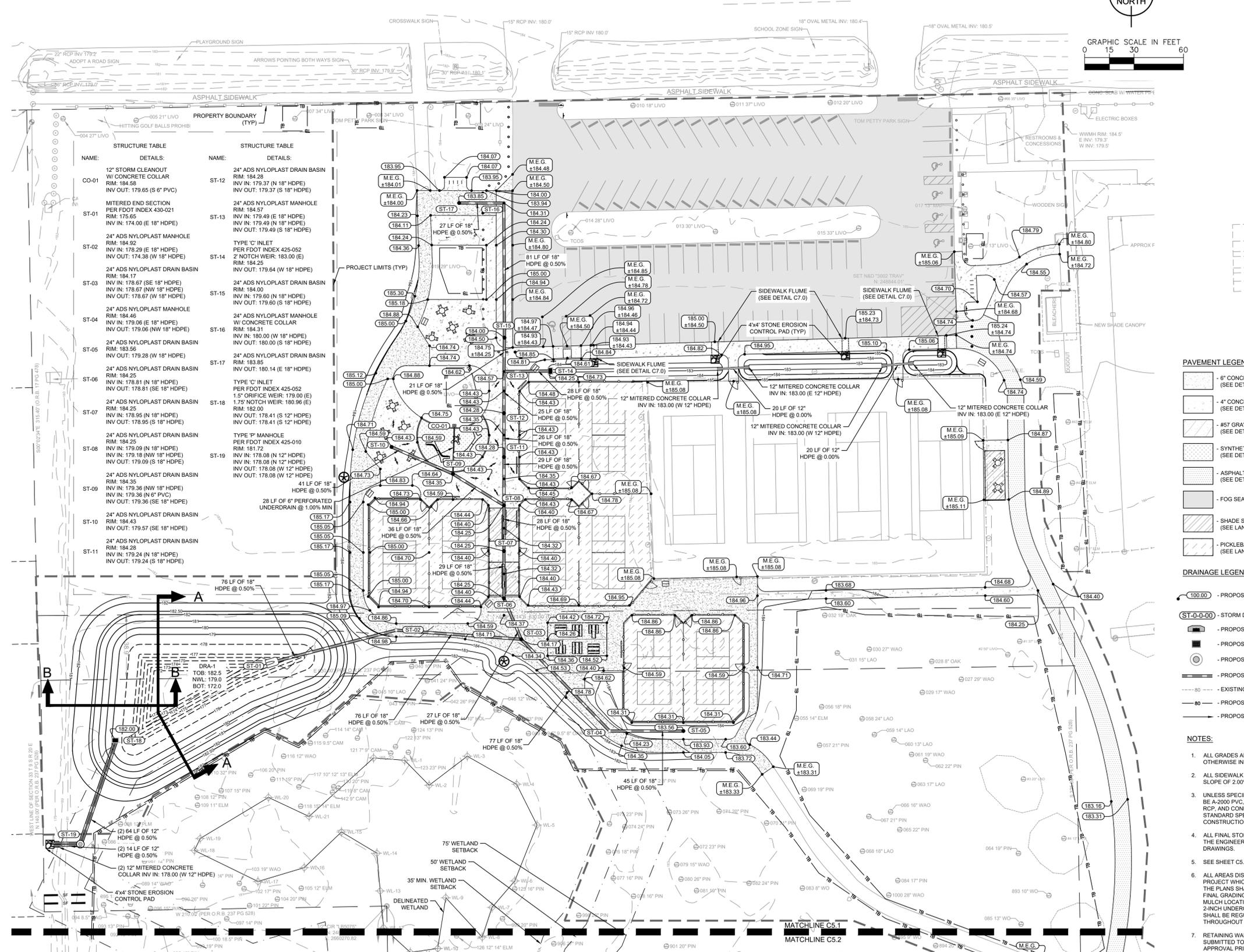
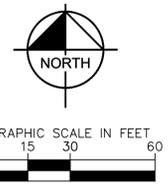
SITE GEOMETRY AND MARKING PLAN

TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES
 FLORIDA

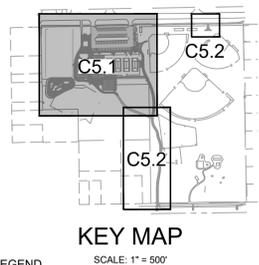
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 DATE: 07-02-24 14:21:07
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DESIGN DEVELOPMENT SUBMITTAL	05-21-24	BY	
90% CONSTRUCTION DOCUMENTS	07-02-24	DATE	
		REVISIONS	
		NOT FOR CONSTRUCTION	
No.			



NAME:	DETAILS:	NAME:	DETAILS:
CO-01	12" STORM CLEANOUT W/ CONCRETE COLLAR RIM: 184.58 INV IN: 179.65 (S 6" PVC) INV OUT: 179.65 (S 18" HDPE)	ST-12	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.28 INV IN: 179.37 (N 18" HDPE) INV OUT: 179.37 (S 18" HDPE)
ST-01	MITERED END SECTION PER FDOT INDEX 430-021 RIM: 175.65 INV IN: 174.00 (E 18" HDPE) INV OUT: 179.49 (S 18" HDPE)	ST-13	24" ADS NYLOPLAST MANHOLE RIM: 184.57 INV IN: 179.49 (E 18" HDPE) INV IN: 179.49 (N 18" HDPE) INV OUT: 179.49 (S 18" HDPE)
ST-02	24" ADS NYLOPLAST MANHOLE RIM: 184.92 INV IN: 178.29 (E 18" HDPE) INV OUT: 174.38 (W 18" HDPE)	ST-14	TYPE 'C' INLET PER FDOT INDEX 425-052 2" NOTCH WEIR: 183.00 (E) RIM: 184.23 INV OUT: 179.64 (W 18" HDPE)
ST-03	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.17 INV IN: 178.67 (SE 18" HDPE) INV IN: 178.67 (NW 18" HDPE) INV OUT: 178.67 (W 18" HDPE)	ST-15	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.00 INV IN: 179.60 (N 18" HDPE) INV IN: 179.60 (W 18" HDPE) INV OUT: 179.60 (S 18" HDPE)
ST-04	24" ADS NYLOPLAST MANHOLE RIM: 184.46 INV IN: 179.06 (E 18" HDPE) INV OUT: 179.06 (NW 18" HDPE)	ST-16	24" ADS NYLOPLAST MANHOLE W/ CONCRETE COLLAR RIM: 184.31 INV IN: 180.00 (W 18" HDPE) INV OUT: 180.00 (S 18" HDPE)
ST-05	24" ADS NYLOPLAST DRAIN BASIN RIM: 183.56 INV IN: 179.28 (W 18" HDPE) INV OUT: 179.28 (W 18" HDPE)	ST-17	24" ADS NYLOPLAST DRAIN BASIN RIM: 183.85 INV IN: 180.14 (E 18" HDPE) INV OUT: 180.14 (E 18" HDPE)
ST-06	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.25 INV IN: 178.81 (N 18" HDPE) INV OUT: 178.81 (SE 18" HDPE)	ST-18	TYPE 'C' INLET PER FDOT INDEX 425-052 1.5" ORIFICE WEIR: 179.00 (E) RIM: 182.00 INV OUT: 178.41 (S 12" HDPE) INV OUT: 178.41 (S 12" HDPE)
ST-07	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.25 INV IN: 178.95 (N 18" HDPE) INV IN: 178.95 (N 18" HDPE) INV OUT: 178.95 (S 18" HDPE)	ST-19	TYPE 'P' MANHOLE PER FDOT INDEX 425-010 RIM: 181.72 INV IN: 178.08 (N 12" HDPE) INV IN: 178.08 (N 12" HDPE) INV OUT: 178.08 (W 12" HDPE) INV OUT: 178.08 (W 12" HDPE)
ST-08	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.25 INV IN: 179.09 (N 18" HDPE) INV IN: 179.09 (N 18" HDPE) INV OUT: 179.09 (S 18" HDPE)		
ST-09	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.35 INV IN: 179.36 (NW 18" HDPE) INV IN: 179.36 (NW 18" HDPE) INV OUT: 179.36 (SE 18" HDPE)		
ST-10	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.43 INV IN: 179.57 (SE 18" HDPE) INV OUT: 179.57 (SE 18" HDPE)		
ST-11	24" ADS NYLOPLAST DRAIN BASIN RIM: 184.28 INV IN: 179.24 (N 18" HDPE) INV OUT: 179.24 (S 18" HDPE)		



- PAVEMENT LEGEND**
- 6" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
 - 4" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
 - #57 GRAVEL (SEE DETAIL SHEET C7.0)
 - SYNTHETIC TURF (SEE DETAIL SHEET C7.0)
 - ASPHALT PAVEMENT (SEE DETAIL SHEET C7.0)
 - FOG SEALED ASPHALT PAVEMENT
 - SHADE STRUCTURE (SEE LANDSCAPE PLANS FOR DETAILS)
 - PICKLEBALL COURT (SEE LANDSCAPE PLANS FOR DETAILS)
- DRAINAGE LEGEND**
- 100.00 - PROPOSED SPOT ELEVATION
 - ST-0-0-00 - STORM DRAINAGE STRUCTURE LABEL
 - PROPOSED CURB INLET
 - PROPOSED DRAINAGE INLET
 - PROPOSED STORMWATER MANHOLE
 - PROPOSED STORM PIPE
 - 80 - EXISTING CONTOURS
 - 80 - PROPOSED CONTOURS
 - PROPOSED FLOW DIRECTION ARROWS
- NOTES:**
- ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
 - ALL SIDEWALK CONSTRUCTION SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00%.
 - UNLESS SPECIFICALLY NOTED, STORM PIPE MATERIALS SHALL BE A2000 PVC, HP STORM, RIGID WALL WATER TIGHT HDPE OR RCP, AND CONFORM WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ALL FINAL STORM DRAIN MATERIALS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND NOTED ON THE RECORD DRAWINGS.
 - SEE SHEET C5.3 FOR SPECIFIC POND INFORMATION.
 - ALL AREAS DISTURBED BY THE CONSTRUCTION OF THIS PROJECT WHICH ARE NOT OTHERWISE PAVED OR NOTED ON THE PLANS SHALL BE IMMEDIATELY STABILIZED FOLLOWING FINAL GRADING. SEE PLANS FOR NOTATION OF SOD AND SEED & MULCH LOCATIONS. ALLOW FOR THICKNESS OF SOD WITH A 2-INCH UNDERCUT. SOD SHALL BE ARGENTINA BAHIA, AND SHALL BE REGULARLY WATERED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION DURATION.
 - RETAINING WALL DETAILS AND CALCULATION SHALL BE SUBMITTED TO THE CITY OF GAINESVILLE FOR SEPARATE APPROVAL PRIOR TO WALL CONSTRUCTION.
 - FENCING REQUIRED ON ALL WALLS GREATER THAN 2'-6" IN HEIGHT. CONTRACTOR TO COORDINATE WITH OWNER ON FENCING PRODUCT SELECTION.

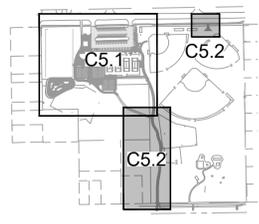
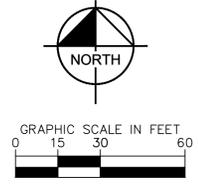
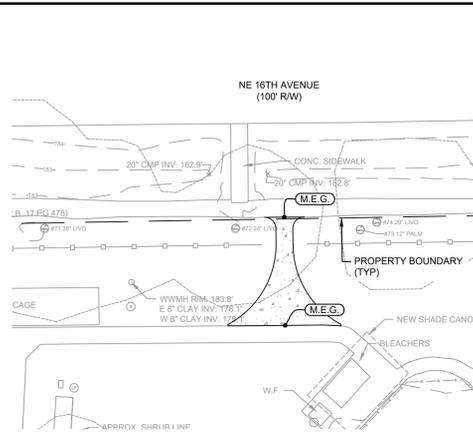
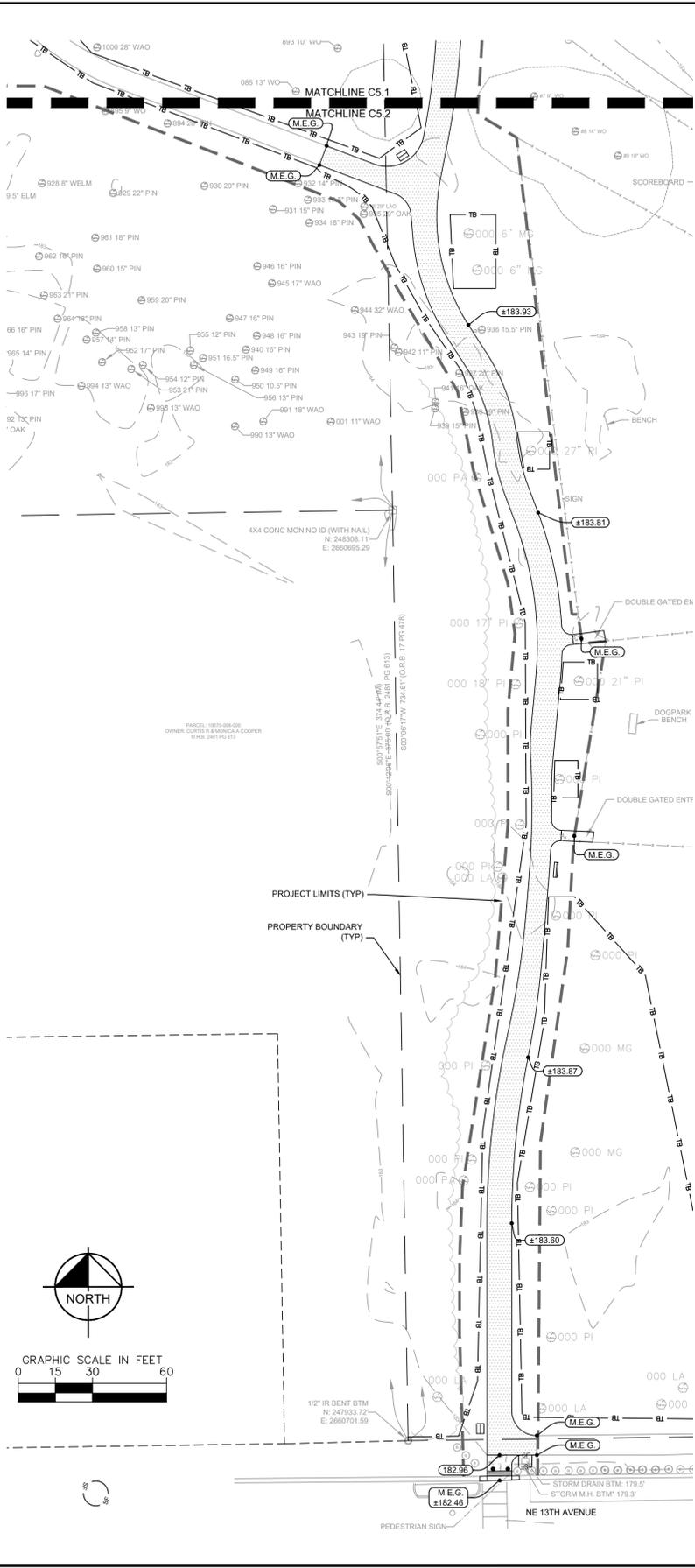
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LICENSED PROFESSIONAL
 KHA PROJECT: 142107025
 DATE: JULY 2024
 SCALE: AS SHOWN
 DESIGNED BY: WDM
 DRAWN BY: WDM
 CHECKED BY: DCS
 DAVID C. SOWELL
 FLORIDA LICENSE NUMBER: 66531

**TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES**

FLORIDA
 SHEET NUMBER
C5.1

K:\DOT_LA\142107025 - Tom Petty Construction Docs\VA-WORKING FILES\VA\142107025 PAVING, GRADING, AND DRAINAGE PLAN.dwg, Layout.C5.2 PAVING, GRADING, AND DRAINAGE PLAN Jul 02, 2024, denny.mackinnon
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PAVEMENT LEGEND

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- 4" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
- #57 GRAVEL (SEE DETAIL SHEET C7.0)
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- FOG SEALED ASPHALT PAVEMENT
- SHADE STRUCTURE (SEE LANDSCAPE PLANS FOR DETAILS)
- PICKLEBALL COURT (SEE LANDSCAPE PLANS FOR DETAILS)

DRAINAGE LEGEND

- PROPOSED SPOT ELEVATION
- STORM DRAINAGE STRUCTURE LABEL
- PROPOSED CURB INLET
- PROPOSED DRAINAGE INLET
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORM PIPE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED FLOW DIRECTION ARROWS

NOTES:

1. ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
2. ALL SIDEWALK CONSTRUCTION SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00%.
3. UNLESS SPECIFICALLY NOTED, STORM PIPE MATERIALS SHALL BE A2000 PVC, HP STORM, RIGID WALL WATER TIGHT HOPE OR RCP, AND CONFORM WITH THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. ALL FINAL STORM DRAIN MATERIALS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND NOTED ON THE RECORD DRAWINGS.
5. SEE SHEET C5.3 FOR SPECIFIC POND INFORMATION.
6. ALL AREAS DISTURBED BY THE CONSTRUCTION OF THIS PROJECT WHICH ARE NOT OTHERWISE PAVED OR NOTED ON THE PLANS SHALL BE IMMEDIATELY STABILIZED FOLLOWING FINAL GRADING. SEE PLANS FOR NOTATION OF SOD AND SEED & MULCH LOCATIONS. ALLOW FOR THICKNESS OF SOD WITH A 2-INCH UNDERCUT. SOD SHALL BE ARGENTINA BAHIA, AND SHALL BE REGULARLY WATERED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION DURATION.
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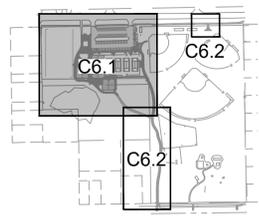
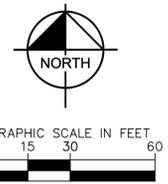
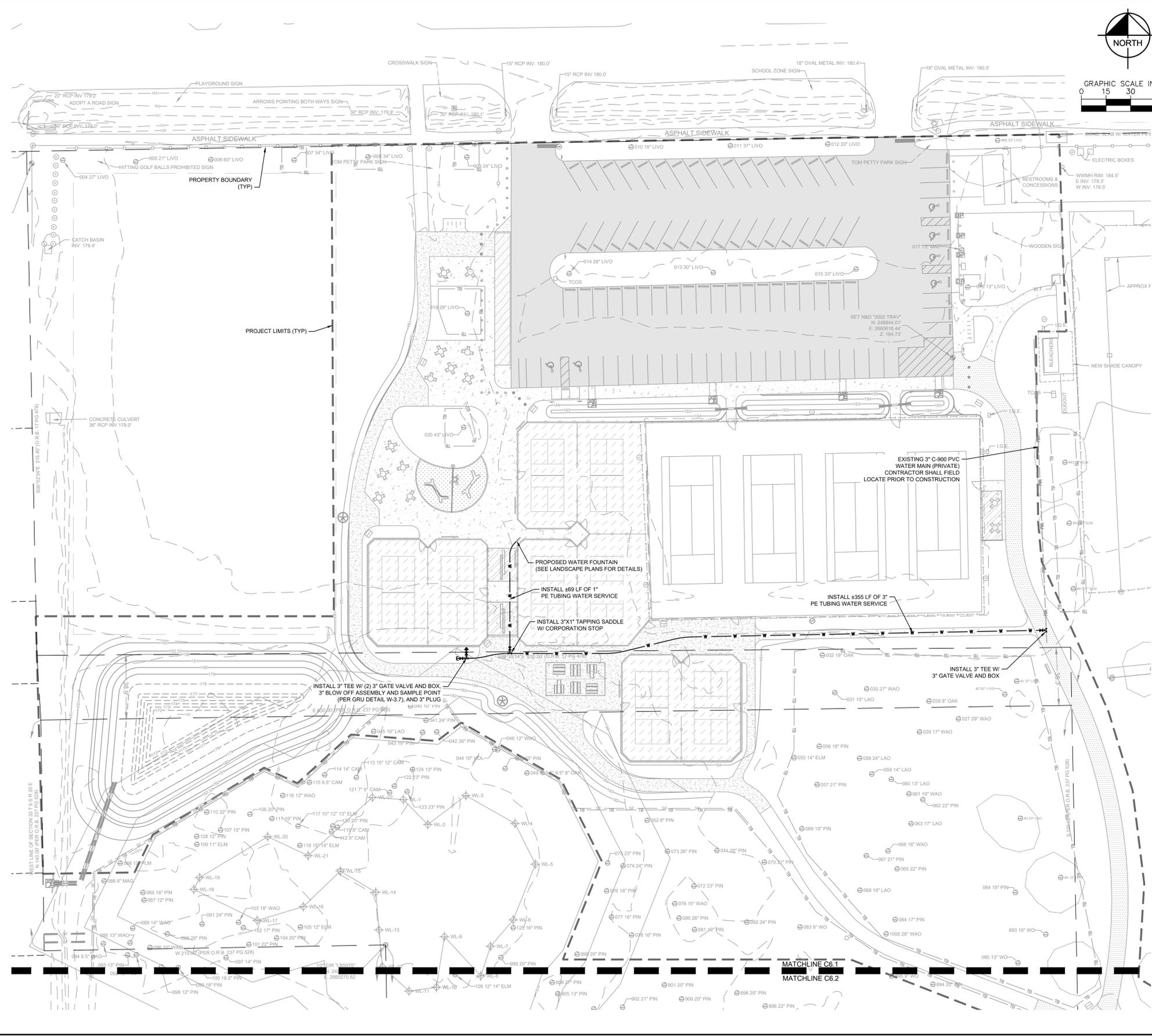
LICENSED PROFESSIONAL
 DAVID C. SOWELL
 FLORIDA LICENSE NUMBER
 66551

PAVING GRADING AND DRAINAGE PLAN

**TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES**

SHEET NUMBER
C5.2

K:\01_24\142107025 - Tom Petty Construction\Doc\VA-WORKING\RES-CAD\Plan\Sheet\CA\W-0.UTILITY.PK.dwg, Layout: 06 - UTILITY PLAN, Jul 02, 2024, dskimley@kimley-horn.com
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GRU UTILITY NOTES:

1. A UTILITY PERMIT IS REQUIRED FROM GAINESVILLE REGIONAL UTILITIES.
2. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUE'S) IN A METES AND BOUNDS FORMAT. UPON GRU'S APPROVAL OF PLANS FOR DEVELOPMENTS NOT BEING PLATTED, OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY. PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS TABLE IN APPENDIX C OF THE GRU W/W/W/R/W DESIGN STANDARDS.
3. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE WITH GRU'S MOST RECENT POTABLE WATER, WASTEWATER, & RECLAIMED WATER SYSTEM DESIGN STANDARDS, CONSTRUCTION DETAILS, CONSTRUCTION STANDARDS, AND APPROVED MATERIALS MANUAL.
4. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
5. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES. PROVIDED THAT WATER SERVICE LATERALS ARE INSTALLED INSIDE 3" SLEEVES. SEPARATION FROM TREES IS 7.5' FOR PRESSURIZED MAINS AND SERVICES (WATER, RECLAIMED, AND FORCE MAIN) AND 10' (MINIMUM) FOR GRAVITY MAINS AND SERVICES. (SEE APPENDIX C OF GRU'S DESIGN STANDARDS AND CONSTRUCTION DETAILS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER - HORIZONTAL SEPARATION DISTANCES FOR PARALLEL AND PERPENDICULAR CLEARANCE FROM OTHER OBJECTS TABLE.)
6. POTABLE WATER SERVICES SHALL BE PROVIDED TO EACH LOT, BUILDING OR PARCEL AND REQUIRES A SEPARATE WATER METER FOR EACH DWELLING UNIT. FOR COMMERCIAL, MULTIFAMILY, AND INSTITUTIONAL DEVELOPMENTS, THE DEVELOPER SHALL BE RESPONSIBLE FOR INSTALLING POTABLE WATER SERVICES AND YOKE ASSEMBLY PACKAGE UP TO AND INCLUDING THE METER YOKE, BOX (INSTALLED AT FINAL GRADE) AND ASSOCIATED APPURTENANCES, FOR METERS 1" AND SMALLER (SEE GRU W/W/W/R/W CONSTRUCTION DETAIL W- 8.0), WITH A ONE-YEAR WARRANTY.
7. 2" VALVES SHALL BE GRU APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVES AND TAPPING SADDLE OR TAPPED TEE.
8. WATER MAINS 4" IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE CEMENT UNED DUCTILE IRON PIPE (CDIP) EXTENDING 5 FEET PAST THE BACK OF CURB (3 FEET WITHIN CITY OF GAINESVILLE LIMITS). TRACER WIRE INSTALLED ON PVC WATER MAINS SHALL CONTINUE ACROSS THE CLDIP SECTIONS.
9. 1" OR 2" PE WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 3" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB (3 FEET INSIDE CITY OF GAINESVILLE LIMITS).
10. ANCHOR TEES, ANCHOR COUPLINGS (SOLID X SWIVEL), AND ANCHOR BENDS (SWIVEL X SWIVEL) SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
11. ALL ROADS WILL BE PRIVATELY OWNED AND MAINTAINED. END OF MAINTENANCE FOR GRU WATER WILL BE AT THE METER. END OF MAINTENANCE FOR GRU SEWER WILL BE AT THE PUBLIC SEWER MAIN. ALL SANITARY SEWER LATERALS WILL BE PRIVATELY OWNED AND MAINTAINED.
12. ALL PRESSURIZED MAIN FITTINGS AND VALVE SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PUSH-ON PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE REACTION AS SPECIFIED ON THE RESTRAINED JOINT STANDARD IN THE CONSTRUCTION DETAILS (W- 2.8 & 2.9, RCW- 2.8 & 2.9, AND WW- 2.4 & 2.5). CALCULATIONS FOR REQUIRED RESTRAINT LENGTH MUST BE PROVIDED IF THE SPECIFIED RESTRAINT LENGTH, DUE TO SOIL TYPE OR DEPTH OF COVER, DIFFERS FROM THOSE PROVIDED ON THESE DETAILS. RESTRAINT LENGTH MUST BE INDICATED ON THE PLANS.
13. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 26 - PIPE AND FITTINGS) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
14. WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
15. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SODDED SLOPE DOWN TO FINISHED GRADE.
16. THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE WITH SEWER RELIEF VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
17. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 10 FT. OF AN ELECTRIC TRANSFORMER, A 20' LENGTH OF CLDIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS, PIPE JOINTS, OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3" SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.

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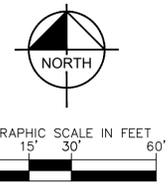
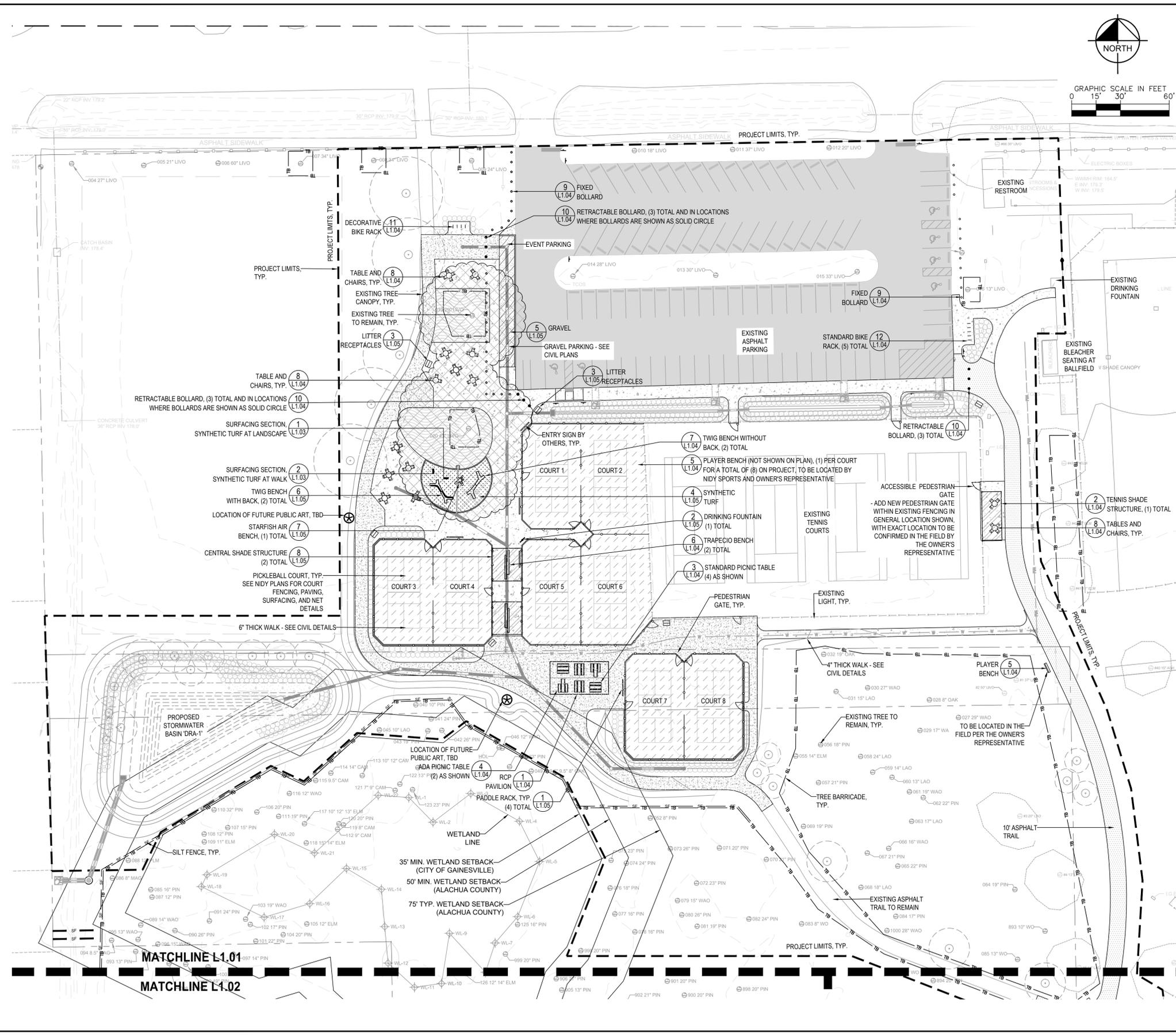
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 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

KHA PROJECT	142107025	LICENSED PROFESSIONAL	DAVID C. SOWELL
DATE	JULY 2024	FLORIDA LICENSE NUMBER	66551
SCALE	AS SHOWN	DESIGNED BY	WDM
DRAWN BY	WDM	CHECKED BY	DCS

UTILITY PLAN
 TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES
 FLORIDA

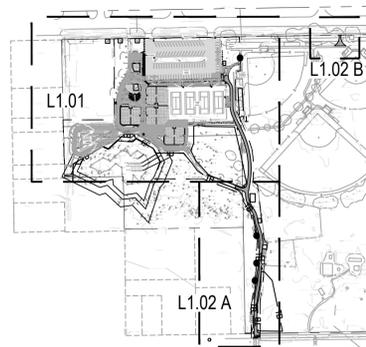
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KEY PLAN



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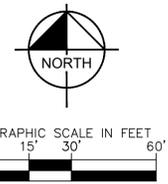
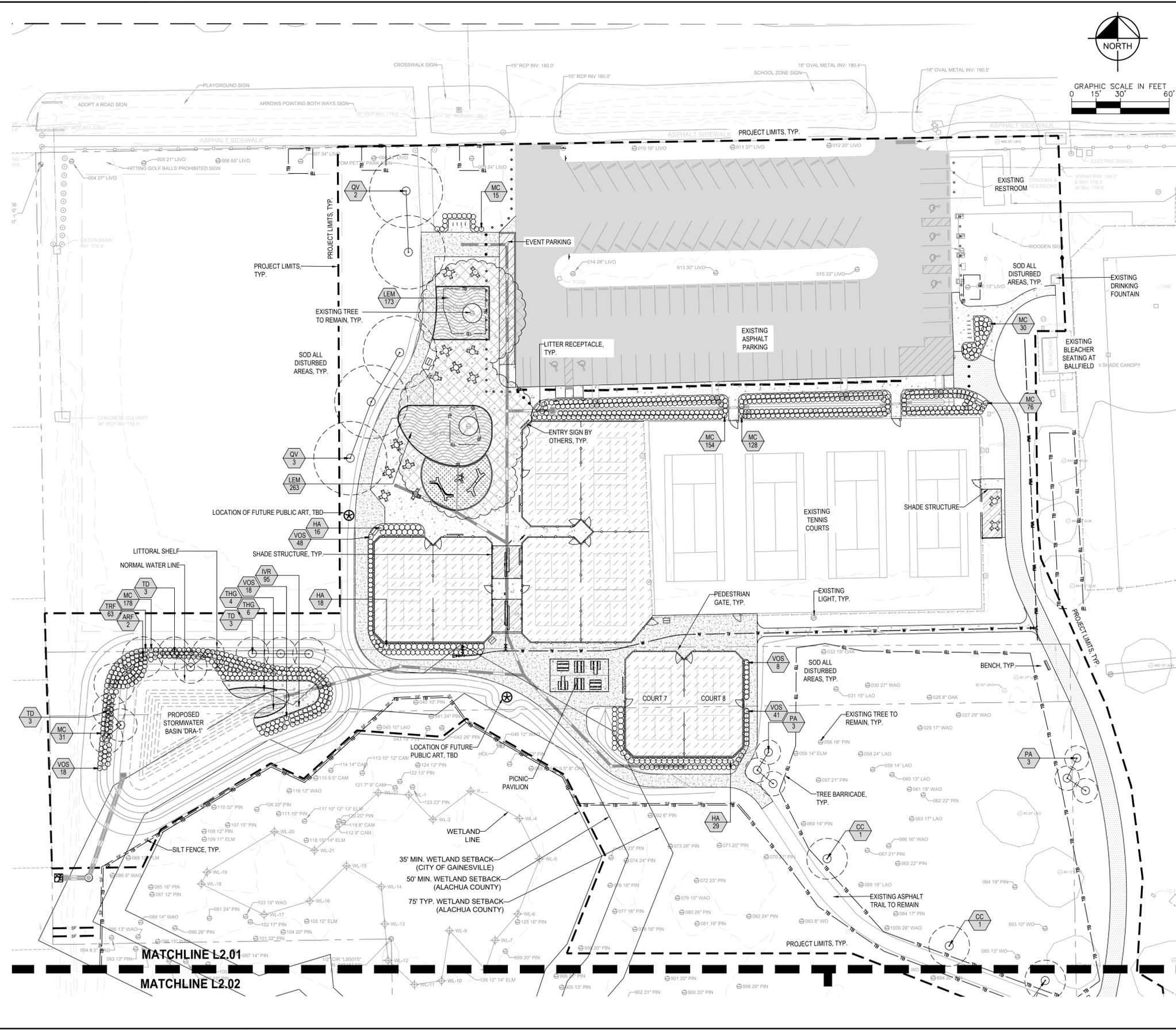
LICENSED PROFESSIONAL
 C. ELISABETH MANLEY
 FLORIDA LICENSE NUMBER
 6666722
 DRAWN BY: KHA
 CHECKED BY: EM
 DATE: JULY 2024
 SCALE: AS SHOWN

HARDSCAPE PLAN

**TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES**
 FLORIDA

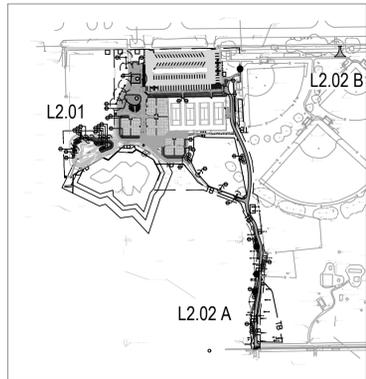
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KEY PLAN



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LICENSED PROFESSIONAL
 C. ELISABETH MANLEY
 FLORIDA LICENSE NUMBER
 6666722
 DRAWN BY: SMM/MA
 CHECKED BY: EM

LANDSCAPE PLAN

**TOM PETTY PARK
 PICKLEBALL IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 WILD SPACES & PUBLIC PLACES**

SHEET NUMBER
L2.01

TECHNICAL SPECIFICATIONS - PLANTING, SECTION 329000

PART 1 - GENERAL

1.1 SUMMARY

- A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES REQUIRED TO SUCCESSFULLY INSTALL ALL TURF AND LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS.
B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENANCE FOR PROPOSED TURF AND LANDSCAPE MATERIAL.

1.2 SUBMITTALS

- A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY PLANTING ACTIVITIES. SUBMITTALS SHALL INCLUDE:
1. A COPY OF CURRENT CERTIFICATE AS A CERTIFIED LANDSCAPE CONTRACTOR BY THE FLORIDA NURSERY, GROWERS, AND LANDSCAPE ASSOCIATION (FNGLA).
2. A COPY OF CURRENT PEST CONTROL LICENSE (ROW, ORNAMENTAL AND/OR AQUATIC, IF APPROPRIATE)
3. CERTIFICATION BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES AS A COMMERCIAL FERTILIZER APPLICATOR PER SE-14.117(18) F.A.C.
4. MANUFACTURER'S LABELS OR INFORMATION FOR ANY COMPONENTS INCORPORATED INTO THIS PROJECT, INCLUDING BUT NOT LIMITED TO FERTILIZERS, PESTICIDES, AND STAKING SYSTEMS.
5. IF IMPORTED FILL IS REQUIRED TO AUGMENT EXISTING CONDITIONS FOR PLANTING, PROVIDE IMPORTED FILL AS DESCRIBED WITHIN PRODUCTS SECTION. PROVIDE A SOIL ANALYSIS THROUGH THE UNIVERSITY OF FLORIDA EXTENSION SOIL TESTING LABORATORY FOR EACH FILL SOURCE AND INCLUDING INCLUDE A WRITTEN REPORT CONTAINING SOIL-AMENDMENT AND FERTILIZER RECOMMENDATIONS FOR EACH SOURCE.
6. SCHEDULE OF VALUES. PRIOR TO THE COMMENCEMENT OF THE WORK, SUBMIT INSTALLED UNIT PRICES FOR ALL PLANT MATERIALS (MULCH SHALL BE INCLUDED IN THE INSTALLED UNIT PRICING) AND SODDING. THE SCHEDULE OF VALUES SHOULD EQUAL THE TOTAL CONTRACT PRICE FOR LANDSCAPE INSTALLATION.
7. TYPEWRITTEN INSTRUCTIONS PROVIDING A MAINTENANCE SCHEDULE AND ALL MAINTENANCE OPERATIONS NECESSARY TO MAINTAIN THE PLANTINGS DURING AND FOLLOWING INSTALLATION, AS SPECIFIED BELOW.
8. WRITTEN WARRANTIES AS SPECIFIED BELOW.
9. RECORD DRAWINGS. FURNISH ONE SET OF RECORD DRAWINGS THAT CLEARLY SHOW ALL CHANGES MADE TO THE ORIGINAL CONTRACT DRAWINGS DURING THE COURSE OF THE WORK. DRAWINGS SHALL BE PROVIDED IN PDF FILE FORMAT AND TO BE FULLY LEGIBLE AND TO SCALE.

1.3 QUALITY CONTROL

- A. ALL WORK SHALL BE PERFORMED BY A FNGLA CERTIFIED LANDSCAPE CONTRACTOR (FCLC) WHO HAS COMPLETED LANDSCAPE WORK SIMILAR IN SCOPE, MATERIAL, DESIGN, AND EXTENT TO THAT AS INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL TREE AND SHRUB ESTABLISHMENT. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN FCLC CERTIFICATION UNDER FNGLA.
B. PRUNING AND TRIMMING, IF REQUIRED, SHALL BE PERFORMED BY A CERTIFIED ARBORIST, AS CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).
C. ALL PLANT MATERIAL TO COMPLY WITH FLORIDA #1 GRADE QUALITY STANDARD AS DEFINED AND SPECIFIED WITHIN THE LATEST EDITION OF THE FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRIES. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.
D. UNSATISFACTORY OR DEFECTIVE MATERIAL MAY BE REJECTED AT ANY TIME, AND REJECTED MATERIAL SHALL BE REMOVED IMMEDIATELY FROM THE PROJECT SITE.
E. CONTRACTOR SHALL MAINTAIN AND EXPERIENCED, FULL-TIME SUPERVISOR ON THE PROJECT SITE DURING ALL PLANTING ACTIVITIES.
F. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS PROOF OF NON-AVAILABILITY OR EVIDENCE OF 'EQUAL' STATUS IS DEMONSTRATED PRIOR TO ORDERING AND/OR INSTALLATION. CONTRACTOR TO SUBMIT A SUBSTITUTION REQUEST TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ORDERING, DELIVERY, OR INSTALLATION OF MATERIAL. THE SUBSTITUTION REQUEST SHALL IDENTIFY THE ISSUE WITH THE SPECIFIED MATERIAL AND PROPOSE ALTERNATIVE, EQUAL MATERIAL(S). INFORMATION TO BE PROVIDED REGARDING ALTERNATIVE MATERIALS SHALL INCLUDE SCIENTIFIC NAME, COMMON NAME, SIZE, AND SOURCE.
G. PACKAGE STANDARD PRODUCTS WITH MANUFACTURER'S CERTIFIED ANALYSIS OR ANALYSIS BY RECOGNIZED LABORATORY.

1.4 CONTRACTOR REQUIREMENTS

- A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR COMPLETION OF WORK AND MAINTENANCE.
B. OBTAIN ALL NECESSARY PERMITS, LICENSES, AND NOTIFICATIONS AND PAY FEES NECESSARY FOR COMPLETION OF THE WORK.
C. COMPLY WITH ALL APPLICABLE CODES.
D. COORDINATE WITH OTHER TRADES WORKING ON THE PROJECT DURING PLANTING ACTIVITIES.
E. COORDINATION SHALL OCCUR WITH OTHER CONTRACTORS OR PROJECTS OCCURRING OFF SITE IF NECESSARY.
F. IDENTIFY AND VERIFY THE LOCATION OF ALL UTILITIES WITHIN PROPOSED PLANTING AREAS. CONTRACTOR TO CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF FLORIDA STATUTES PRIOR TO ANY EXCAVATION OR PLANTING ACTIVITIES.
G. PROVIDE SAFE STORAGE FOR ALL EQUIPMENT AND MATERIALS. STORAGE OF SUCH ITEMS IS AT THE CONTRACTOR'S RISK.
H. REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE OCCURRING DUE TO CONTRACTOR NEGLIGENCE TO EXISTING UTILITIES, STRUCTURES, FURNISHINGS, HARDSCAPE, LANDSCAPE, OR OTHER ELEMENTS TO REMAIN. ANY DAMAGED WORK SHALL BE REPAIRED AS PER PLANS, OTHER SPECIFICATIONS SECTIONS, OR AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE.
I. MAINTENANCE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE.

1.5 WARRANTY

- A. EXISTING LANDSCAPE AND VEGETATION
1. ALL EXISTING LANDSCAPE AND TURF TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES.
B. NEW PLANTS
1. WARRANTY SHRUBS AND GROUNDCOVER FOR A PERIOD OF TWELVE (12) MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR THAT WHICH IS A RESULT OF NEGLIGENCE BY OWNER, ABUSE, DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.
2. REMOVE AND REPLACE ANY LANDSCAPE MATERIAL FOUND TO BE DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD.
B. NEW SOD
1. WARRANTY ALL GRASS FOR A PERIOD OF SIX (6) MONTHS AFTER SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, EXCEPT FOR DEFECTS RESULTING FROM NEGLIGENCE BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR THE UNUSUAL PHENOMENA OR INCIDENTS, WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.
2. REMOVE AND REPLACE ALL TURF FOUND TO BE DEAD OR IN AN UNHEALTHY CONDITION DURING WARRANTY PERIOD AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
C. REPAIR GRADES, LAWN AREAS, PAVING, AND ANY OTHER DAMAGE RESULTING FROM REPLACEMENT PLANTING OPERATIONS, AT NO ADDITIONAL COST TO OWNER.
D. IF ANY PLANTS ARE REPLACED DURING THE WARRANTY PERIOD, THEN THE REPLACEMENT MATERIAL SHALL ALSO BE WARRANTED FOR THE SAME PERIOD AS LISTED FOR NEW MATERIAL ABOVE. FROM THE DATE OF REPLACEMENT. ONLY ONE REPLACEMENT WILL BE REQUIRED EXCEPT FOR LOSSES OR REPLACEMENTS DUE TO FAILURE TO COMPLY WITH SPECIFIED REQUIREMENTS.
E. A FINAL INSPECTION MAY BE MADE AT THE END OF THE WARRANTY PERIOD TO DETERMINE ACCEPTANCE OR REJECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER, IN WRITING, THIRTY (30) DAYS PRIOR TO THE END OF THE WARRANTY PERIOD, AT WHICH TIME THE OWNER HAS THE OPTION TO PERFORM AN END OF WARRANTY INSPECTION. FAILURE TO NOTIFY THE OWNER OF THE END DATE OF THE WARRANTY PERIOD SHALL CAUSE THE WARRANTY PERIOD TO EXTEND UNTIL SUCH TIME AS THE CONTRACTOR GIVES THE OWNER THE REQUIRED 30 DAYS' NOTICE.
1.6 DELIVERY, STORAGE, AND HANDLING
A. PACKAGED MATERIALS: DELIVER PACKAGED MATERIALS IN CONTAINERS SHOWING WEIGHT, CERTIFIED ANALYSIS, AND NAME OF MANUFACTURER. PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY AND WHILE STORED AT SITE.
B. SOD: TIME DELIVERY SO THAT SOD WILL BE PLACED WITHIN 24 HOURS AFTER STRIPPING. PROTECT SOD AGAINST DRYING AND BREAKING OF ROLLED STRIPS.
C. PLANTS: DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. DO NOT BEND OR BIND-TIE SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK. BREAK BRANCHES, OF DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING DELIVERY. DELIVER PLANTS AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET PLANTS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE. DO NOT REMOVE CONTAINER-GROWN STOCK FROM CONTAINERS UNTIL PLANTING TIME. HANDLE PLANT MATERIALS BY ROOTBALL.

PART 1 - GENERAL, CONT

1.7 PROJECT CONDITIONS

- A. COORDINATE AND COOPERATE WITH OTHER TRADES TO ENABLE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE.
B. IF WEATHER CONDITIONS DETRIMENTAL TO PLANTING ARE ENCOUNTERED OR ANTICIPATED, NOTIFY THE OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING. PLANTING SHALL NOT OCCUR DURING PERIODS OF OR WITHIN 48 HOURS OF PREDICTED TEMPERATURES LESS THAN 32 F.
C. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED OR ANTICIPATED, INCLUDING BUT NOT LIMITED TO LIMESTONE, ROAD BASE, RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OBSTRUCTIONS, OR TOXIC MATERIALS, NOTIFY THE OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
D. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY PARTIES CONCERNED.
E. DETERMINE LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL, 811. PERFORM WORK IN A MANNER THAT AVOIDS POSSIBLE DAMAGE. HAND EXCAVATE AS REQUIRED.

PART 2 - PRODUCTS

2.1 FILL

- A. IF REQUIRED TO AUGMENT EXISTING SOILS FOR LANDSCAPE AND TURF INSTALLATION, PROVIDE NEW DEEP FILL MATERIAL AS PER USDA STANDARD TEXTURES AND THAT IS TAKEN FROM WELL-DRAINING LOCAL SOURCES WITH SIMILAR SOIL TYPES AS FOUND AT THE PROJECT SITE.
B. FILL TO BE SUITABLE FOR PLANT GROWTH, FRIABLE, AND FREE OF CLAY LUMPS, BRUSH, WEEDS, SEEDS, ROOTS, STUMPS, STONES, ORGANIC MUCK, HARD PAN CLAY LITTER AND CONSTRUCTION DEBRIS INCLUDING LIMESTONE OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH
C. FILL TO BE OF FH 5-6.5.

2.2 MULCH

- A. MULCH SHALL BE AS INDICATED IN NOTES OR THE PLANT SCHEDULE AND TO BE FREE OF BRANCHES, CONES, AND DEBRIS.

2.3 COMMERCIAL FERTILIZER

- A. FERTILIZER TYPE AND APPLICATION TIMING AND METHODS SHALL MEET ALACHUA COUNTY 'FERTILIZER STANDARDS AND MANAGEMENT PRACTICES', LDR ARTICLE IV, REQUIREMENTS. DO NOT APPLY FERTILIZER FROM JULY - FEBRUARY. APPLY FERTILIZER EITHER DURING THE PROJECTS INSTALLATION OR DURING THE ESTABLISHMENT PERIOD, DEPENDING ON WHICH IS POSSIBLE RELATIVE TO THIS TIME PERIOD. IF IT IS ANTICIPATED THAT THE PROJECT WILL BE COMPLETED OUTSIDE OF THE SPECIFIED FERTILIZING WINDOW AND THAT FERTILIZING WONT BE POSSIBLE, DISCUSS WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
B. FERTILIZERS APPLIED TO TURF AND/OR LANDSCAPE PLANTS SHALL BE FORMULATED AND APPLIED IN ACCORDANCE WITH DIRECTIONS PROVIDED BY RULE 5E-1.003, FLORIDA ADMINISTRATIVE CODE, LABELING REQUIREMENTS FOR URBAN TURF FERTILIZERS.
C.1. NITROGEN OR PHOSPHORUS FERTILIZER SHALL NOT BE APPLIED TO TURF OR LANDSCAPE PLANTS EXCEPT AS ALLOWED BY THIS RULE OR IF WITHIN UFIFAS RECOMMENDATIONS FOR LANDSCAPE PLANTS, VEGETABLE GARDENS, AND FRUIT TREES AND SHRUBS, UNLESS A SOIL OR TISSUE DEFICIENCY HAS BEEN VERIFIED BY AN APPROVED TEST.
C.2. NO FERTILIZER CONTAINING PHOSPHORUS SHALL BE APPLIED TO TURF, SOD, LAWNS, OR LANDSCAPE PLANTS UNLESS A SOIL OR PLANT TISSUE DEFICIENCY IS VERIFIED BY A TESTING METHODOLOGY APPROVED BY THE UNIVERSITY OF FLORIDA, INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES. IF A DEFICIENCY IS VERIFIED, THE APPLICATION OF FERTILIZER CONTAINING PHOSPHOROUS MUST ADHERE TO THE RATES AND DIRECTION FOR THE APPROPRIATE REGION OF FLORIDA, AS ADOPTED BY THE FLORIDA ADMINISTRATIVE CODE RULE.
C.3. FERTILIZERS CONTAINING NITROGEN APPLIED TO TURF OR LANDSCAPING PLANTS MUST CONTAIN NO LESS THAN 50 PERCENT SLOW RELEASE NITROGEN PER GUARANTEED ANALYSIS LABEL.
D. SHRUBS AND GROUNDCOVERS: IF PERMISSIBLE BY SECTION C. ABOVE, UTILIZE A ROOT STARTER OR EQUIVALENT SLOW RELEASE FERTILIZER TO ENCOURAGE ROOT GROWTH. APPLY AT MANUFACTURER'S RECOMMENDED RATE. ROOT STARTER SHALL BE A COMPLETE, SLOW RELEASE FERTILIZER WITH ORGANIC NITROGEN AND CONTAIN THE FOLLOWING PERCENTAGES OF AVAILABLE PLANT NUTRIENTS:
D.1. BETWEEN 5-6% TOTAL NITROGEN (N) CONSISTING OF 3.5-4.5% WATER INSOLUBLE/SLOW RELEASE NITROGEN AND 1.5% WATER SOLUBLE NITROGEN
D.2. BETWEEN 1-2% PHOSPHATE (P2O5)
D.3. BETWEEN 0.5-3% POTASH/POTASSIUM (K)
E. TURF: IF PERMISSIBLE BY SECTION C. ABOVE, PROVIDE FERTILIZER WITH NOT LESS THAN SIXTEEN (16) PERCENT TOTAL NITROGEN, FOUR (4) PERCENT AVAILABLE PHOSPHORIC ACID AND EIGHT (8) PERCENT SOLUBLE POTASH. APPLY AT MANUFACTURER'S RECOMMENDED RATE.

2.4 PLANT MATERIALS

- A. PROVIDE SHRUBS AND GROUNDCOVERS OF SIZE, GENUS, SPECIES, AND VARIETY AS SHOWN IN THE PLANT SCHEDULE FOR LANDSCAPE WORK THAT CONFORM TO FLORIDA NO. 1 QUALITY STANDARDS.
B. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.
C. LANDSCAPE MATERIAL SHALL BE CONTAINER GROWN MATERIAL UNLESS OTHERWISE SPECIFIED OR UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.

2.5 SOD

- A. PROVIDE SAND-GROWN ONLY, STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES, AND MACHINE CUT TO PAD THICKNESS OF 3/4 INCH (PLUS OR MINUS 1/4 INCH), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED. SOD SHALL BE VIABLE AND NOT DORMANT.
B. PROVIDE SOD OF UNIFORM PAD SIZES WITH A MAXIMUM 5% DEVIATION IN EITHER LENGTH OR WIDTH. BROKEN PADS OR PADS WITH UNEVEN ENDS WILL NOT BE ACCEPTABLE. SOD PADS INCAPABLE OF SUPPORTING THEIR OWN WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON UPPER 10 PERCENT OF PAD WILL BE REJECTED.
C. STABILIZING NETTING OR OTHER SYNTHETIC MATERIALS WITHIN SOD SHALL BE PROHIBITED.
D. SOD TO BE AS LISTED WITHIN THE PLANT SCHEDULE.
E. REFER TO CIVIL PLANS FOR SOD TYPE AND INSTALLATION METHODS WITHIN STORMWATER FACILITIES.
2.6 WEED PRE-EMERGENT HERBICIDE
A. IF APPROVED BY OWNER, APPLY 'RON STAR G' PRE-EMERGENT HERBICIDE, OR APPROVED EQUAL IN PLANTING AREAS.

PART 3 - EXECUTION

3.1 PREPARATION

- A. CONDUCT A PRE-CONSTRUCTION CONFERENCE ON SITE WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK. DISCUSS PROPOSED ACTIVITIES, REVIEW PROPOSED PLANTING AREAS, AND CONFIRM PROPOSED SCHEDULE OF WORK. PROVIDE ONE WEEK'S NOTICE OF PROPOSED CONFERENCE.
B. ENSURE ALL ASPHALT, LIMESTONE, AND OTHER CONSTRUCTION DEBRIS ARE REMOVED FROM AREAS OF PROPOSED PLANTING OR SODDING TO A MINIMUM DEPTH OF THREE FEET PRIOR TO INSTALLATION.
C. CLEAN EXISTING SOIL OF ROOTS, PLANTS, SODS, STONES, CLAY, LUMPS AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
D. PLANTING DEPTH OF SOIL SHALL BE A MINIMUM OF THREE (3) FEET. IF FILL MUST BE ADDED, IT SHALL CONFORM TO THE REQUIREMENTS LISTED ABOVE.
E. PLANTING AREAS SHALL NOT BE COMPACTED.
F. PLANTING AREAS SHALL BE WELL-DRAINING. IF SATURATED OR WET CONDITIONS EXIST IN PROPOSED PLANTING AREAS OR WITHIN PLANTING HOLES, DO NOT PLANT MATERIAL AND CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.
G. GAIN APPROVAL FROM OWNER PRIOR TO WORK FOR REMOVAL OF EXISTING GRASS, VEGETATION, AND TURF BY METHODS OTHER THAN HAND REMOVAL. IF APPROVED, SPRAY AREAS WITH 'ROUND-UP' OR OTHER APPROPRIATE HERBICIDE AND PERFORM ADDITIONAL SPRAY TREATMENTS AS NEEDED TO ENSURE A COMPLETE KILL. REMOVE AND DISPOSE OF RESULTING DEAD VEGETATION AND TURF. DO NOT TURN RESULTING DEAD VEGETATION OR TURF OVER INTO SOIL. REPEAT IF NECESSARY TO REMOVE EXISTING VEGETATION.
H. FOR TURF AREAS INDICATED FOR RENOVATION, MECHANICALLY CUT OUT AREAS OF FAILING TURF AND CREATE A CLEAN EDGE FOR NEW SOD INSTALLATION.
I. FINE GRADE PROPOSED PLANTING AND SOD AREAS TO SMOOTH, EVEN SURFACES WITH LOOSE, UNIFORMLY FINE TEXTURE AND FREE OF LUMPS, CLODS, STONES, ROOTS, AND OTHER EXTRANEOUS MATTER. ROLL, RAKE, AND DRAG AREAS, REMOVE RIDGES, AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES.
J. ALLOW FOR SOD THICKNESS IN AREAS TO BE SODDED SUCH THAT INSTALLED SOD MEETS FINISHED GRADES.

PART 3 - EXECUTION, CONT

3.2 TREE BARRIERS AND EXISTING TREE PROTECTION

- A. REFER TO NOTES ON DEMOLITION PLANS OR LANDSCAPE PLANS REGARDING TREE PROTECTION AND TREE PROTECTION BARRIERS.
B. MINIMIZE IMPACTS ON EXISTING TREE ROOTS AS MUCH AS POSSIBLE. AVOID TREE ROOT PLATE AREAS AS DEFINED BY PERMITTING AGENCIES.
C. ALL ROOTS OF TREES TO REMAIN THAT ARE IMMEDIATELY ADJACENT TO EXTENSIVE EXCAVATION AND ARE 1" DIAMETER OR OVER SHALL BE HAND CUT. EXPOSE ROOTS BY HAND DIGGING, HAND CUT OR SAW CLEANLY, AND IMMEDIATELY COVER WITH SOIL. DO NOT ALLOW CUT ROOTS TO DRY OUT.
D. SUPPLEMENTAL IRRIGATION IS REQUIRED FOR TREES THAT HAVE UNDERGONE ROOT PRUNING. PROVIDE SUPPLEMENTAL IRRIGATION IMMEDIATELY FOLLOWING PRUNING AND CONTINUE THROUGH CONSTRUCTION.

3.3 PLANTING

- A. PLANT TREES, SHRUBS, AND GROUNDCOVER AFTER FINAL GRADES ARE ESTABLISHED AND PRIOR TO PLANTING OF LAWNS UNLESS OTHERWISE AUTHORIZED BY OWNER'S REPRESENTATIVE. IF PLANTING OF TREES AND SHRUBS OCCURS AFTER INSTALLATION OF LAWNS, PROTECT LAWN AREAS AND PROMPTLY REPAIR DAMAGE CAUSED BY PLANTING INSTALLATION.
B. LAY OUT INDIVIDUAL PLANT LOCATIONS AND AREAS FOR MULTIPLE PLANTINGS. TRIANGLE SPACING SHALL BE USED FOR SHRUBS AND GROUNDCOVERS UNLESS OTHERWISE SPECIFIED IN PLANS OR BY OWNER'S REPRESENTATIVE. OUTLINE AREAS AND SECURE OWNERS REPRESENTATIVE'S OR OWNER REPRESENTATIVE'S ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE REQUIRED.
C. EXCAVATE PITS, BEDS, AND TRENCHES SUCH THAT PITS ARE AS DEEP AS THE PLANTS ROOTBALL AND 1.5 TIMES THE DIAMETER OF THE ROOTBALL. LOOSEN HARD SUBSOIL IN BOTTOM OF EXCAVATION. SCARIFY SIDES OF PIT.
D. FILL EXCAVATIONS FOR SHRUBS WITH WATER AND ALLOW WATER TO PERCOLATE OUT PRIOR TO PLANTING. NOTIFY OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING IF PITS DO NOT DRAIN PRIOR TO PLANTING.
E. REMOVE PLANT MATERIAL FROM CONTAINER. LIFT TREES AND SHRUBS BY THE ROOTBALL AND NOT BY THE TRUNK OR MAIN STEM. SET PLANT MATERIAL STOK IN CENTER OF PIT OR TRENCH WITH TOP OF BALL AT 1-2" ABOVE ADJACENT FINISH LANDSCAPE GRADES.
F. REMOVE ANY SYNTHETIC OR STRAPPING MATERIAL PRIOR TO SETTING PLANT MATERIAL INTO PLANTING PIT OR TRENCH.
G. ENSURE PLANT MATERIAL IS PLUMB.
H. PLACE BACKFILL AROUND BASE AND SIDES OF BALL AND WORK IN EACH LAYER TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR POCKETS. ENSURE ROOTBALL REMAINS 1/2" ABOVE ADJACENT FINISH GRADE. WHEN EXCAVATION IS APPROXIMATELY 2/3 FULL, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE WATER IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL.
I. DISH TOP OF BACKFILL FOR TREES AND PALMS TO ALLOW FOR MULCHING.
J. ALL PLANT MATERIAL SHALL BE FERTILIZED AT THE TIME OF PLANTING ONLY IF THAT IS WITHIN THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. MIX OR APPLY FERTILIZER ON TOP OF ROOTBALL AND NOT UNDER OR WITHIN PLANTING PITS. APPLY JUST INSIDE OF PLANT FOLIAGE DRIFTLINE AND NOT DIRECTLY ON STEMS OR EXPOSED ROOTS OF MATERIAL. MIX SPECIFIED FERTILIZERS WITH EXISTING SOIL AT RATES SPECIFIED BY THE MANUFACTURER. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN THREE (3) DAYS. DO NOT APPLY OR SPILL FERTILIZER ON IMPERVIOUS SURFACES. IMMEDIATELY CLEAN OFF AND/OR CONTAIN IF SO. DO NOT WASH, SWEEP, OR BLOW OFF EXCESS OR SPILLED FERTILIZER INTO DRAINS, STORMWATER DITCHES OR PONDS, OR OTHER WATER BODIES OR CONVEYANCE SYSTEMS.
K. APPLY PRE-EMERGENT HERBICIDE, IF APPROVED BY OWNER, AND AS PER MANUFACTURER'S SPECIFICATIONS.
L. MULCH PITS, TRENCHES, AND PLANTED AREAS. PROVIDE A THREE (3) INCH THICKNESS OF MULCH AND WORK ONTO TOP OF BACKFILL. THE FINISH LEVEL OF MULCH SHOULD MEET ADJACENT FINISH GRADES. MULCH AREAS BETWEEN GROUNDCOVER PLANTS.
M. WATER THOROUGHLY AFTER PLANTING, TAKING CARE NOT TO COVER CROWNS OF PLANTS WITH WET SOILS.
N. GUY AND STAKE TREES AND PALMS IMMEDIATELY AFTER PLANTING AS NEEDED.

3.4 SODDING NEW LAWNS

- A. ENSURE GRADE IS SMOOTH AND EVEN WITH A LOOSE, UNIFORM TEXTURE. ROLL, RAKE, AND DRAG PROPOSED LAWNS, REMOVE RIDGES, AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES AND PROVIDE AN EVEN SURFACE FOR SOD INSTALLATION.
B. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING.
C. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.
D. APPLY SPECIFIED COMMERCIAL FERTILIZER IF WITHING THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. APPLY AT RATES SPECIFIED AND THOROUGHLY MIX INTO UPPER TWO INCHES OF SOIL IN AREAS OF PROPOSED SOD. DELAY APPLICATION OF FERTILIZER IF LAWN PLANTING WILL NOT FOLLOW WITHIN A FEW DAYS. SPREADER DEFLECTOR SHIELDS ARE REQUIRED WHEN FERTILIZING VIA ROTARY/BROADCAST SPREADERS. DO NOT APPLY OR SPILL FERTILIZER ON IMPERVIOUS SURFACES. IMMEDIATELY CLEAN OFF AND/OR CONTAIN IF SO. DO NOT WASH, SWEEP, OR BLOW OFF EXCESS OR SPILLED FERTILIZER INTO DRAINS, STORMWATER DITCHES OR PONDS, OR OTHER WATER BODIES OR CONVEYANCE SYSTEMS.
E. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS. DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. TAP SOD FIRMLY IN PLACE ONCE LAID.
F. ANCHOR SOD ON SLOPES GREATER THAN 3:1 WITH WOOD PEGS TO PREVENT SLIPPAGE, IF NEEDED.
G. AVOID DAMAGE TO SUBGRADE OR SOD DUE TO INSTALLATION ACTIVITIES.
H. WATER SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

3.5 CLEANUP

- A. MAINTAIN WORK AREAS IN AN ORDERLY CONDITION. KEEP PAVEMENTS AND ADJACENT SITE AREAS CLEAN. REMOVE ALL POTS, LITTER, TOOLS, EQUIPMENT, AND EXTRANEOUS SOIL, SOD, OR MATERIALS AT THE END OF EACH WORK DAY. STORE MATERIALS AND EQUIPMENT WHERE DIRECTED. DISPOSE OF MATERIALS AS DIRECTED.

3.6 NEW PLANT PROTECTION

- A. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DURING CONSTRUCTION. MAINTAIN PROTECTION DURING INSTALLATION AND THROUGHOUT THE MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED.
B. TREES WHICH ARE TO REMAIN IN THE CONSTRUCTION AREA SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
C. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP LINE OF EXISTING OR NEWLY PLANTED TREES. REMOVE INTERFERING BRANCHES WITHOUT INJURY TO TRUNKS.

3.7 MAINTENANCE

- A. MAINTENANCE ACTIVITIES SHALL INCLUDE THE FOLLOWING ACTIVITIES DURING CONSTRUCTION AND UNTIL FINAL ACCEPTANCE:
1. WEEDING: MAINTAIN PLANTINGS AND TURF AS WEED FREE.
2. MULCHING: MAINTAIN MULCH AT TREES, PALMS, AND WITHIN PLANTING BEDS AT A 3" DEPTH.
3. PEST CONTROL: SPRAY AS REQUIRED TO KEEP PLANTINGS AND TURF FREE OF INSECTS AND DISEASE.
4. MOWING: MOW TURF AREAS AS NEEDED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
5. REPLACEMENT: REPLACE PLANTS OR SOD AREAS THAT ARE IN POOR CONDITION.
6. LITTER REMOVAL: REMOVE LITTER AND DEBRIS FROM LANDSCAPE AND TURF AREAS.
7. RESTORE PLANTING SAUCERS OF TREES AND SHRUBS.
8. TIGHTEN AND REPAIR STAKE AND GUY WIRE SUPPORTS, IF PRESENT, AND RESET TREES AND SHRUBS TO PROPER GRADES OF VERTICAL POSITION AS REQUIRED.
9. REMOVE ALL TREE STAKING, IF PRESENT, WITHIN ONE YEAR AFTER PLANTING.

3.8 REPLACEMENT OF EXISTING LANDSCAPE DAMAGED DURING PROJECT

- A. ANY EXISTING VEGETATION, INCLUDING TREES AND SHRUBS, DAMAGED OR DESTROYED SHALL BE REPLACED OR MITIGATED BY THE CONTRACTOR WITH LIKE SPECIES OR ANOTHER SPECIES APPROVED BY THE OWNER'S REPRESENTATIVE. ANY AREA OF VEGETATION THAT IS DAMAGED DURING CONSTRUCTION WILL BE RESTORED TO ITS ORIGINAL STATE WITHIN 72 HOURS OF THE COMPLETION OF THE ASSOCIATED CONSTRUCTION WORK.
B. IF REMOVAL OF AN EXISTING TREE REQUIRES MITIGATION, THE CONTRACTOR SHALL BE HELD LIABLE FOR THE COMPLETE COST, INCLUDING BUT NOT LIMITED TO TREE REPLACEMENT COSTS AND PAYMENTS REQUIRED TO PERMITTING AGENCIES.
C. TREE REPLACEMENT SPECIES AND PROCEDURES SHALL BE DISCUSSED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF ACTIVITIES.

3.9 INSPECTION AND ACCEPTANCE

- A. WHEN ALL LANDSCAPE WORK IS SUBSTANTIALLY COMPLETE, THE OWNER'S REPRESENTATIVE WILL, UPON REQUEST, MAKE A SUBSTANTIAL COMPLETION INSPECTION TO DETERMINE ACCEPTABILITY AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE OWNER'S REPRESENTATIVE WILL PRODUCE A WRITTEN PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS THAT SHALL BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
B. ONCE ITEMS OF THE PUNCH LIST ARE ADDRESSED, THE OWNER'S REPRESENTATIVE WILL CONDUCT A FINAL COMPLETION INSPECTION. IF NECESSARY, THE OWNER'S REPRESENTATIVE WILL PRODUCE A FINAL PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS TO BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
C. FINAL ACCEPTANCE WILL NOT BE ISSUED UNTIL ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER AND ALL SUBMITTALS HAVE BEEN MADE.
D. WORK MAY BE INSPECTED FOR ACCEPTANCE IN PORTIONS AS PHASES OF INSTALLATION ARE COMPLETED AND AS AGREEABLE TO THE OWNER'S REPRESENTATIVE, PROVIDED EACH PORTION OF WORK OFFERED FOR INSPECTION IS SUBSTANTIALLY COMPLETE.

END OF SECTION

Table with columns for DATE, BY, and other project details.

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LANDSCAPE TECHNICAL SPECIFICATIONS

TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES FLORIDA

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TECHNICAL SPECIFICATIONS - PLANTING, SECTION 329000

PART 1 - GENERAL

- 1.1 SUMMARY
A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES REQUIRED TO SUCCESSFULLY INSTALL ALL TURF AND LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS.
B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENANCE FOR PROPOSED TURF AND LANDSCAPE MATERIAL.
1.2 SUBMITTALS
A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY PLANTING ACTIVITIES. SUBMITTALS SHALL INCLUDE:
1. A COPY OF CURRENT CERTIFICATE AS A CERTIFIED LANDSCAPE CONTRACTOR BY THE FLORIDA NURSERY, GROWERS, AND LANDSCAPE ASSOCIATION (FNGLA).
2. A COPY OF CURRENT PEST CONTROL LICENSE (ROW, ORNAMENTAL AND/OR AQUATIC, IF APPROPRIATE)
3. CERTIFICATION BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES AS A COMMERCIAL FERTILIZER APPLICATOR PER SE-14.117(18) F.A.C.
4. MANUFACTURER'S LABELS OR INFORMATION FOR ANY COMPONENTS INCORPORATED INTO THIS PROJECT, INCLUDING BUT NOT LIMITED TO FERTILIZERS, PESTICIDES, AND STAKING SYSTEMS.
5. IF IMPORTED FILL IS REQUIRED TO AUGMENT EXISTING CONDITIONS FOR PLANTING, PROVIDE IMPORTED FILL AS DESCRIBED WITHIN PRODUCTS SECTION. PROVIDE A SOIL ANALYSIS THROUGH THE UNIVERSITY OF FLORIDA EXTENSION SOIL TESTING LABORATORY FOR EACH FILL SOURCE AND INCLUDING INCLUDE A WRITTEN REPORT CONTAINING SOIL-AMENDMENT AND FERTILIZER RECOMMENDATIONS FOR EACH SOURCE.
6. SCHEDULE OF VALUES: PRIOR TO THE COMMENCEMENT OF THE WORK, SUBMIT INSTALLED UNIT PRICES FOR ALL PLANT MATERIALS (MULCH SHALL BE INCLUDED IN THE INSTALLED UNIT PRICING) AND SODDING. THE SCHEDULE OF VALUES SHOULD EQUAL THE TOTAL CONTRACT PRICE FOR LANDSCAPE INSTALLATION.
7. TYPEWRITTEN INSTRUCTIONS PROVIDING A MAINTENANCE SCHEDULE AND ALL MAINTENANCE OPERATIONS NECESSARY TO MAINTAIN THE PLANTINGS DURING AND FOLLOWING INSTALLATION, AS SPECIFIED BELOW.
8. WRITTEN WARRANTIES AS SPECIFIED BELOW.
9. RECORD DRAWINGS: FURNISH ONE SET OF RECORD DRAWINGS THAT CLEARLY SHOW ALL CHANGES MADE TO THE ORIGINAL CONTRACT DRAWINGS DURING THE COURSE OF THE WORK. DRAWINGS SHALL BE PROVIDED IN PDF FILE FORMAT AND TO BE FULLY LEGIBLE AND TO SCALE.

1.3 QUALITY CONTROL

- A. ALL WORK SHALL BE PERFORMED BY A FNGLA CERTIFIED LANDSCAPE CONTRACTOR (FCLC) WHO HAS COMPLETED LANDSCAPE WORK SIMILAR IN SCOPE, MATERIAL, DESIGN, AND EXTENT TO THAT AS INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL TREE AND SHRUB ESTABLISHMENT. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN FCLC CERTIFICATION UNDER FNGLA.
B. PRUNING AND TRIMMING, IF REQUIRED, SHALL BE PERFORMED BY A CERTIFIED ARBORIST, AS CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).
C. ALL PLANT MATERIAL TO COMPLY WITH 'FLORIDA #1' GRADE QUALITY STANDARD AS DEFINED AND SPECIFIED WITHIN THE LATEST EDITION OF THE 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS' PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRIES. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.
D. UNSATISFACTORY OR DEFECTIVE MATERIAL MAY BE REJECTED AT ANY TIME, AND REJECTED MATERIAL SHALL BE REMOVED IMMEDIATELY FROM THE PROJECT SITE.
E. CONTRACTOR SHALL MAINTAIN AN EXPERIENCED, FULL-TIME SUPERVISOR ON THE PROJECT SITE DURING ALL PLANTING ACTIVITIES.
F. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS PROOF OF NON-AVAILABILITY OR EVIDENCE OF EQUAL STATUS IS DEMONSTRATED PRIOR TO ORDERING AND/OR INSTALLATION. CONTRACTOR TO SUBMIT A SUBSTITUTION REQUEST TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ORDERING, DELIVERY, OR INSTALLATION OF MATERIAL. THE SUBSTITUTION REQUEST SHALL IDENTIFY THE ISSUE WITH THE SPECIFIED MATERIAL AND PROPOSE ALTERNATIVE, EQUAL MATERIAL(S). INFORMATION TO BE PROVIDED REGARDING ALTERNATIVE MATERIALS SHALL INCLUDE SCIENTIFIC NAME, COMMON NAME, SIZE, AND SOURCE.
G. PACKAGE STANDARD PRODUCTS WITH MANUFACTURER'S CERTIFIED ANALYSIS OR ANALYSIS BY RECOGNIZED LABORATORY.

1.4 CONTRACTOR REQUIREMENTS

- A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR COMPLETION OF WORK AND MAINTENANCE.
B. OBTAIN ALL NECESSARY PERMITS, LICENSES, AND NOTIFICATIONS AND PAY FEES NECESSARY FOR COMPLETION OF THE WORK.
C. COMPLY WITH ALL APPLICABLE CODES.
D. COORDINATE WITH OTHER TRADES WORKING ON THE PROJECT DURING PLANTING ACTIVITIES.
E. COORDINATION SHALL OCCUR WITH OTHER CONTRACTORS OR PROJECTS OCCURRING OFF SITE IF NECESSARY.
F. IDENTIFY AND VERIFY THE LOCATION OF ALL UTILITIES WITHIN PROPOSED PLANTING AREAS. CONTRACTOR TO CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF FLORIDA STATUTES PRIOR TO ANY EXCAVATION OR PLANTING ACTIVITIES.
G. PROVIDE SAFE STORAGE FOR ALL EQUIPMENT AND MATERIALS. STORAGE OF SUCH ITEMS IS AT THE CONTRACTOR'S RISK.
H. REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE OCCURRING DUE TO CONTRACTOR NEGLIGENCE TO EXISTING UTILITIES, STRUCTURES, FURNISHINGS, HARDSCAPE, LANDSCAPE, OR OTHER ELEMENTS TO REMAIN. ANY DAMAGED WORK SHALL BE REPAIRED AS PER PLANS, OTHER SPECIFICATIONS SECTIONS, OR AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE.
I. MAINTENANCE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE.

1.5 WARRANTY

- A. EXISTING LANDSCAPE AND VEGETATION
1. ALL EXISTING LANDSCAPE AND TURF TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES.
B. NEW PLANTS
1. WARRANTY SHRUBS AND GROUND COVER FOR A PERIOD OF TWELVE (12) MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR THAT WHICH IS A RESULT OF NEGLIGENCE BY OWNER, ABUSE, DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.
2. REMOVE AND REPLACE ANY LANDSCAPE MATERIAL FOUND TO BE DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD.
B. NEW SOD
1. WARRANTY ALL GRASS FOR A PERIOD OF SIX (6) MONTHS AFTER SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, AS DETERMINED BY THE OWNER'S REPRESENTATIVE, EXCEPT FOR DEFECTS RESULTING FROM NEGLIGENCE BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR THE UNUSUAL PHENOMENA OR INCIDENTS, WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.
2. REMOVE AND REPLACE ALL TURF FOUND TO BE DEAD OR IN AN UNHEALTHY CONDITION DURING WARRANTY PERIOD AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
C. REPAIR GRADES, LAWN AREAS, PAVING, AND ANY OTHER DAMAGE RESULTING FROM REPLACEMENT PLANTING OPERATIONS, AT NO ADDITIONAL COST TO OWNER.
D. IF ANY PLANTS ARE REPLACED DURING THE WARRANTY PERIOD, THEN THE REPLACEMENT MATERIAL SHALL ALSO BE WARRANTED FOR THE SAME PERIOD AS LISTED FOR NEW MATERIAL, ABOVE, FROM THE DATE OF REPLACEMENT. ONLY ONE REPLACEMENT WILL BE REQUIRED EXCEPT FOR LOSSES OR REPLACEMENTS DUE TO FAILURE TO COMPLY WITH SPECIFIED REQUIREMENTS.
E. A FINAL INSPECTION MAY BE MADE AT THE END OF THE WARRANTY PERIOD TO DETERMINE ACCEPTANCE OR REJECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER, IN WRITING, THIRTY (30) DAYS PRIOR TO THE END OF THE WARRANTY PERIOD, AT WHICH TIME THE OWNER HAS THE OPTION TO PERFORM AN END OF WARRANTY INSPECTION. FAILURE TO NOTIFY THE OWNER OF THE END DATE OF THE WARRANTY PERIOD SHALL CAUSE THE WARRANTY PERIOD TO EXTEND UNTIL SUCH TIME AS THE CONTRACTOR GIVES THE OWNER THE REQUIRED 30 DAYS' NOTICE.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. PACKAGED MATERIALS: DELIVER PACKAGED MATERIALS IN CONTAINERS SHOWING WEIGHT, CERTIFIED ANALYSIS, AND NAME OF MANUFACTURER. PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY AND WHILE STORED AT SITE.
B. SOD: TIME DELIVERY SO THAT SOD WILL BE PLACED WITHIN 24 HOURS AFTER STRIPPING. PROTECT SOD AGAINST DRYING AND BREAKING OF ROLLED STRIPS.
C. PLANTS: DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. DO NOT BEND OR BIND-TIE SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING DELIVERY. DELIVER PLANTS AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET PLANTS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE. DO NOT REMOVE CONTAINER-GROWN STOCK FROM CONTAINERS UNTIL PLANTING TIME. HANDLE PLANT MATERIALS BY ROOTBALL.
1.7 PROJECT CONDITIONS
A. COORDINATE AND COOPERATE WITH OTHER TRADES TO ENABLE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE.
B. IF WEATHER CONDITIONS DETRIMENTAL TO PLANTING ARE ENCOUNTERED OR ANTICIPATED, NOTIFY THE OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING. PLANTING SHALL NOT OCCUR DURING PERIODS OF OR WITHIN 48 HOURS OF PREDICTED TEMPERATURES LESS THAN 32 F.
C. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED OR ANTICIPATED, INCLUDING BUT NOT LIMITED TO LIMESTONE, ROAD BASE, RUBBLE FILL, ADVERSE DRAINAGE CONDITIONS, OBSTRUCTIONS, OR TOXIC MATERIALS, NOTIFY THE OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
D. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY PARTIES CONCERNED.
E. DETERMINE LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL, 811. PERFORM WORK IN A MANNER THAT AVOIDS POSSIBLE DAMAGE. HAND EXCAVATE AS REQUIRED.

PART 2 - PRODUCTS

- 2.1 FILL
A. IF REQUIRED TO AUGMENT EXISTING SOILS FOR LANDSCAPE AND TURF INSTALLATION, PROVIDE NEW, DEEP FILL MATERIAL AS PER USDA STANDARD TEXTURES AND THAT IS TAKEN FROM WELL-DRAINING LOCAL SOURCES WITH SIMILAR SOIL TYPES AS FOUND AT THE PROJECT SITE.
B. FILL TO BE SUITABLE FOR PLANT GROWTH, FRIABLE, AND FREE OF CLAY LUMPS, BRUSH, WEEDS, SEEDS, ROOTS, STUMPS, STONES, ORGANIC MUCK, HARD PAN CLAY, LITTER AND CONSTRUCTION DEBRIS INCLUDING LIMESTONE OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
C. FILL TO BE OF PH 5-6.5.
2.2 MULCH
A. MULCH SHALL BE AS INDICATED IN NOTES OR THE PLANT SCHEDULE AND TO BE FREE OF BRANCHES, CONES, AND DEBRIS.
2.3 COMMERCIAL FERTILIZER
A. FERTILIZER TYPE AND APPLICATION TIMING AND METHODS SHALL MEET ALACHUA COUNTY FERTILIZER STANDARDS AND MANAGEMENT PRACTICES: LDR ARTICLE IV, REQUIREMENTS. DO NOT APPLY FERTILIZER FROM JULY - FEBRUARY. APPLY FERTILIZER EITHER DURING THE PROJECT'S INSTALLATION OR DURING THE ESTABLISHMENT PERIOD, DEPENDING ON WHICH IS POSSIBLE RELATIVE TO THIS TIME PERIOD. IF IT IS ANTICIPATED THAT THE PROJECT WILL BE COMPLETED OUTSIDE OF THE SPECIFIED FERTILIZING WINDOW AND THAT FERTILIZING WON'T BE POSSIBLE, DISCUSS WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
B. FERTILIZER MAY ONLY BE APPLIED WITHIN 10 FT. FROM ANY WETLAND OR BODY OF WATER FOR A PERIOD OF 90 DAYS FOLLOWING PLANTING. FOLLOWING THAT TIME PERIOD, FERTILIZING IN THIS AREA IS NOT ALLOWED.
C. FERTILIZERS APPLIED TO TURF AND/OR LANDSCAPE PLANTS SHALL BE FORMULATED AND APPLIED IN ACCORDANCE WITH DIRECTIONS PROVIDED BY RULE SE-1.003, FLORIDA ADMINISTRATIVE CODE, LABELING REQUIREMENTS FOR URBAN TURF FERTILIZERS.
C.1. NITROGEN OR PHOSPHORUS FERTILIZER SHALL NOT BE APPLIED TO TURF OR LANDSCAPE PLANTS EXCEPT AS ALLOWED BY THIS RULE OR IF WITHIN UF/IFAS RECOMMENDATIONS FOR LANDSCAPE PLANTS, VEGETABLE GARDENS, AND FRUIT TREES AND SHRUBS, UNLESS A SOIL OR TISSUE DEFICIENCY HAS BEEN VERIFIED BY AN APPROVED TEST.
C.2. NO FERTILIZER CONTAINING PHOSPHORUS SHALL BE APPLIED TO TURF, SOD, LAWNS, OR LANDSCAPE PLANTS UNLESS A SOIL OR PLANT TISSUE DEFICIENCY IS VERIFIED BY A TESTING METHODOLOGY APPROVED BY THE UNIVERSITY OF FLORIDA, INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES. IF A DEFICIENCY IS VERIFIED, THE APPLICATION OF FERTILIZER CONTAINING PHOSPHORUS MUST ADHERE TO THE RATES AND DIRECTION FOR THE APPROPRIATE REGION OF FLORIDA, AS ADOPTED BY THE FLORIDA ADMINISTRATIVE CODE RULE.
C.3. FERTILIZERS CONTAINING NITROGEN APPLIED TO TURF OR LANDSCAPING PLANTS MUST CONTAIN NO LESS THAN 50 PERCENT SLOW RELEASE NITROGEN PER GUARANTEED ANALYSIS LABEL.
D. SHRUBS AND GROUNDCOVERS: IF PERMISSIBLE BY SECTION C. ABOVE, UTILIZE A ROOT STARTER OR EQUIVALENT SLOW RELEASE FERTILIZER TO ENCOURAGE ROOT GROWTH. APPLY AT MANUFACTURER'S RECOMMENDED RATE. ROOT STARTER SHALL BE A COMPLETE, SLOW RELEASE FERTILIZER WITH ORGANIC NITROGEN AND CONTAIN THE FOLLOWING PERCENTAGES OF AVAILABLE PLANT NUTRIENTS:
D.1. BETWEEN 5-6% TOTAL NITROGEN (N) CONSISTING OF 3.5-4.5% WATER INSOLUBLE/SLOW RELEASE NITROGEN AND 1.5% WATER SOLUBLE NITROGEN
D.2. BETWEEN 1-2% PHOSPHATE (P2O5)
D.3. BETWEEN 0.5-3% POTASSIUM (K)
E. TURF: IF PERMISSIBLE BY SECTION C. ABOVE, PROVIDE FERTILIZER WITH NOT LESS THAN SIXTEEN (16) PERCENT TOTAL NITROGEN, FOUR (4) PERCENT AVAILABLE PHOSPHORIC ACID AND EIGHT (8) PERCENT SOLUBLE POTASH. APPLY AT MANUFACTURER'S RECOMMENDED RATE.
2.4 PLANT MATERIALS
A. PROVIDE SHRUBS AND GROUNDCOVERS OF SIZE, GENUS, SPECIES, AND VARIETY AS SHOWN IN THE PLANT SCHEDULE FOR LANDSCAPE WORK THAT CONFORM TO FLORIDA NO. 1 QUALITY STANDARDS.
B. PROVIDE HEALTHY, VIGOROUS STOCK GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.
C. LANDSCAPE MATERIAL SHALL BE CONTAINER GROWN MATERIAL UNLESS OTHERWISE SPECIFIED OR UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
2.5 SOD
A. PROVIDE SAND-GROWN ONLY, STRONGLY ROOTED SOD, NOT LESS THAN TWO YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES, AND MACHINE CUT TO PAD THICKNESS OF 3/4 INCH (PLUS OR MINUS 1/4 INCH), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED. SOD SHALL BE VIABLE AND NOT DORMANT.
B. PROVIDE SOD OF UNIFORM PAD SIZES WITH A MAXIMUM 5% DEVIATION IN EITHER LENGTH OR WIDTH. BROKEN PADS OR PADS WITH UNEVEN ENDS WILL NOT BE ACCEPTABLE. SOD PADS INCAPABLE OF SUPPORTING THEIR OWN WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON UPPER 10 PERCENT OF PAD WILL BE REJECTED.
C. STABILIZING NETTING OR OTHER SYNTHETIC MATERIALS WITHIN SOD SHALL BE PROHIBITED.
D. SOD TO BE AS LISTED WITHIN THE PLANT SCHEDULE.
E. REFER TO CIVIL PLANS FOR SOD TYPE AND INSTALLATION METHODS WITHIN STORMWATER FACILITIES.
2.6 WEED PRE-EMERGENT HERBICIDE
A. IF APPROVED BY OWNER, APPLY 'RON STAR G' PRE-EMERGENT HERBICIDE OR APPROVED EQUAL IN PLANTING AREAS.

PART 3 - EXECUTION

- 3.1 PREPARATION
A. CONDUCT A PRE-CONSTRUCTION CONFERENCE ON SITE WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK. DISCUSS PROPOSED ACTIVITIES, REVIEW PROPOSED PLANTING AREAS, AND CONFIRM PROPOSED SCHEDULE OF WORK. PROVIDE ONE WEEK'S NOTICE OF PROPOSED CONFERENCE.
B. ENSURE ALL ASPHALT, LIMESTONE, AND OTHER CONSTRUCTION DEBRIS ARE REMOVED FROM AREAS OF PROPOSED PLANTING OR SODDING TO A MINIMUM DEPTH OF THREE FEET PRIOR TO INSTALLATION.
C. CLEAN EXISTING SOIL OF ROOTS, PLANTS, SODS, STONES, CLAY, LUMPS AND OTHER EXTRANEIOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
D. PLANTING DEPTH OF SOIL SHALL BE A MINIMUM OF THREE (3) FEET. IF FILL MUST BE ADDED, IT SHALL CONFORM TO THE REQUIREMENTS LISTED ABOVE.
E. PLANTING AREAS SHALL NOT BE COMPACTED.
F. PLANTING AREAS SHALL BE WELL-DRAINING. IF SATURATED OR WET CONDITIONS EXIST IN PROPOSED PLANTING AREAS OR WITHIN PLANTING HOLES, DO NOT PLANT MATERIAL AND CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.
G. GAIN APPROVAL FROM OWNER PRIOR TO WORK FOR REMOVAL OF EXISTING GRASS, VEGETATION, AND TURF BY METHODS OTHER THAN HAND REMOVAL. IF APPROVED, SPRAY AREAS WITH 'ROUNDUP' OR OTHER APPROPRIATE HERBICIDE AND PERFORM ADDITIONAL SPRAY TREATMENTS AS NEEDED TO ENSURE A COMPLETE KILL. REMOVE AND DISPOSE OF RESULTING DEAD VEGETATION AND TURF. DO NOT TURN RESULTING DEAD VEGETATION OR TURF OVER INTO SOIL. REPEAT IF NECESSARY TO REMOVE EXISTING VEGETATION.
H. FOR TURF AREAS INDICATED FOR RENOVATION, MECHANICALLY CUT OUT AREAS OF FAILING TURF AND CREATE A CLEAN EDGE FOR NEW SOD INSTALLATION.
I. FINE GRADE PROPOSED PLANTING AND SOD AREAS TO SMOOTH, EVEN SURFACES WITH LOOSE, UNIFORM, FINE TEXTURE AND FREE OF LUMPS, CLODS, STONES, ROOTS, AND OTHER EXTRANEIOUS MATTER. ROLL, RAKE, AND DRAG AREAS, REMOVE RIDGES, AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES.
J. ALLOW FOR SOD THICKNESS IN AREAS TO BE SODDED SUCH THAT INSTALLED SOD MEETS FINISHED GRADES.
3.2 TREE BARRIERS AND EXISTING TREE PROTECTION
A. REFER TO NOTES ON DEMOLITION PLANS OR LANDSCAPE PLANS REGARDING TREE PROTECTION AND TREE PROTECTION BARRIERS.
B. MINIMIZE IMPACTS ON EXISTING TREE ROOTS AS MUCH AS POSSIBLE. AVOID TREE ROOT PLATE AREAS AS DEFINED BY PERMITTING AGENCIES.
C. ALL ROOTS OF TREES TO REMAIN THAT ARE IMMEDIATELY ADJACENT TO EXTENSIVE EXCAVATION AND ARE 1" DIAMETER OR OVER SHALL BE HAND CUT. EXPOSE ROOTS BY HAND DIGGING, HAND CUT OR SAW CLEANLY, AND IMMEDIATELY COVER WITH SOIL. DO NOT ALLOW CUT ROOTS TO DRY OUT.
D. SUPPLEMENTAL IRRIGATION IS REQUIRED FOR TREES THAT HAVE UNDERGONE ROOT PRUNING. PROVIDE SUPPLEMENTAL IRRIGATION IMMEDIATELY FOLLOWING PRUNING AND CONTINUE THROUGH CONSTRUCTION.
3.3 PLANTING
A. PLANT TREES, SHRUBS, AND GROUND COVER AFTER FINAL GRADES ARE ESTABLISHED AND PRIOR TO PLANTING OF LAWNS UNLESS OTHERWISE AUTHORIZED BY OWNER'S REPRESENTATIVE. IF PLANTING OF TREES AND SHRUBS OCCURS AFTER INSTALLATION OF LAWNS, PROTECT LAWN AREAS AND PROMPTLY REPAIR DAMAGE CAUSED BY LANDSCAPE INSTALLATION.
B. LAY OUT INDIVIDUAL PLANT LOCATIONS AND AREAS FOR MULTIPLE PLANTINGS. TRIANGLE SPACING SHALL BE USED FOR SHRUBS AND GROUNDCOVERS UNLESS OTHERWISE SPECIFIED IN PLANS OR BY OWNER'S REPRESENTATIVE. OUTLINE AREAS AND SECURE OWNER'S REPRESENTATIVE'S OR OWNER REPRESENTATIVE'S ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE REQUIRED.
C. EXCAVATE PITS, BEDS, AND TRENCHES SUCH THAT PITS ARE AS DEEP AS THE PLANTS' ROOTBALL AND 1.5 TIMES THE DIAMETER OF THE ROOTBALL. LOOSEN HARD SUBSOIL IN BOTTOM OF EXCAVATION. SCARIFY SIDES OF PIT.
D. FILL EXCAVATIONS FOR SHRUBS WITH WATER AND ALLOW WATER TO PERCOLATE OUT PRIOR TO PLANTING. NOTIFY OWNER'S REPRESENTATIVE OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING IF PITS DO NOT DRAIN PRIOR TO PLANTING.
E. REMOVE PLANT MATERIAL FROM CONTAINER. LIFT TREES AND SHRUBS BY THE ROOTBALL AND NOT BY THE TRUNK OR MAIN STEM. SET PLANT MATERIAL STOCK IN CENTER OF PIT OR TRENCH WITH TOP OF BALL AT 1'-2" ABOVE ADJACENT FINISH LANDSCAPE GRADES.
F. REMOVE ANY SYNTHETIC OR STRAPPING MATERIAL PRIOR TO SETTING PLANT MATERIAL INTO PLANTING PIT OR TRENCH.
G. ENSURE PLANT MATERIAL IS PLUMB.
H. PLACE BACKFILL AROUND BASE AND SIDES OF BALL AND WORK IN EACH LAYER TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR POCKETS. ENSURE ROOTBALL REMAINS 1'-2" ABOVE ADJACENT FINISH GRADE. WHEN EXCAVATION IS APPROXIMATELY 2/3 FULL, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE WATER IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL.
I. DISH TOP OF BACKFILL FOR TREES AND PALMS TO ALLOW FOR MULCHING.
J. ALL PLANT MATERIAL SHALL BE FERTILIZED AT THE TIME OF PLANTING ONLY IF THAT IS WITHIN THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. MIX OR APPLY FERTILIZER ON TOP OF ROOTBALL AND NOT UNDER OR WITHIN PLANTING PITS. APPLY JUST INSIDE OF PLANT FOLIAGE/DRIPLINE AND NOT DIRECTLY ON STEMS OR EXPOSED ROOTS OF MATERIAL. MIX SPECIFIED FERTILIZERS WITH EXISTING SOIL AT RATES SPECIFIED BY THE MANUFACTURER. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN THREE (3) DAYS. DO NOT APPLY OR SPILL FERTILIZER ON IMPERVIOUS SURFACES. IMMEDIATELY CLEAN OFF AND/OR CONTAIN IF SO. DO NOT WASH, SWEEP, OR BLOW OFF EXCESS OR SPILLED FERTILIZER INTO DRAINS, STORMWATER DITCHES OR PONDS, OR OTHER WATER BODIES OR CONVEYANCE SYSTEMS.
K. APPLY PRE-EMERGENT HERBICIDE, IF APPROVED BY OWNER, AND AS PER MANUFACTURER'S SPECIFICATIONS.
L. MULCH PITS, TRENCHES, AND PLANTED AREAS. PROVIDE A THREE (3) INCH THICKNESS OF MULCH AND WORK ONTO TOP OF BACKFILL. THE FINISH LEVEL OF MULCH SHOULD MEET ADJACENT FINISH GRADES. MULCH AREAS BETWEEN GROUND COVER PLANTS.
M. WATER THOROUGHLY AFTER PLANTING, TAKING CARE NOT TO COVER CROWNS OF PLANTS WITH WET SOILS.
N. GUY AND STAKE TREES AND PALMS IMMEDIATELY AFTER PLANTING AS NEEDED.

PART 3 - EXECUTION CONT

- 3.4 SODDING NEW LAWNS
A. ENSURE GRADE IS SMOOTH AND EVEN WITH A LOOSE, UNIFORM TEXTURE. ROLL, RAKE AND DRAG PROPOSED LAWN AREAS, REMOVE RIDGES, AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES AND PROVIDE AN EVEN SURFACE FOR SOD INSTALLATION.
B. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING.
C. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.
D. APPLY SPECIFIED COMMERCIAL FERTILIZER IF WITHIN THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. APPLY AT RATES SPECIFIED AND THOROUGHLY MIX INTO UPPER TWO INCHES OF SOIL IN AREAS OF PROPOSED SOD. DELAY APPLICATION OF FERTILIZER IF LAWN PLANTING WILL NOT FOLLOW WITHIN A FEW DAYS. SPREADER DEFLECTOR SHIELDS ARE REQUIRED WHEN FERTILIZING VIA ROTARY/BROADCAST SPREADERS. DO NOT APPLY OR SPILL FERTILIZER ON IMPERVIOUS SURFACES- IMMEDIATELY CLEAN OFF AND/OR CONTAIN IF SO. DO NOT WASH, SWEEP, OR BLOW OFF EXCESS OR SPILLED FERTILIZER INTO DRAINS, STORMWATER DITCHES OR PONDS, OR OTHER WATER BODIES OR CONVEYANCE SYSTEMS.
E. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS. DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. TAP SOD FIRMLY IN PLACE ONCE LAID.
F. ANCHOR SOD ON SLOPES GREATER THAN 3:1 WITH WOOD PEGS TO PREVENT SLIPPAGE, IF NEEDED.
G. AVOID DAMAGE TO SUBGRADE OR SOD DUE TO INSTALLATION ACTIVITIES.
H. WATER SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.
3.5 CLEANUP
A. MAINTAIN WORK AREAS IN AN ORDERLY CONDITION. KEEP PAVEMENTS AND ADJACENT SITE AREAS CLEAN. REMOVE ALL POTS, LITTER, TOOLS, EQUIPMENT, AND EXTRANEIOUS SOIL, SOD, OR MATERIALS AT THE END OF EACH WORK DAY. STORE MATERIALS AND EQUIPMENT WHERE DIRECTED. DISPOSE OF MATERIALS AS DIRECTED.
3.6 NEW PLANT PROTECTION
A. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DURING CONSTRUCTION. MAINTAIN PROTECTION DURING INSTALLATION AND THROUGHOUT THE MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED.
B. TREES WHICH ARE TO REMAIN IN THE CONSTRUCTION AREA SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
C. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP LINE OF EXISTING OR NEWLY PLANTED TREES. REMOVE INTERFERING BRANCHES WITHOUT INJURY TO TRUNKS.
3.7 MAINTENANCE
A. MAINTENANCE ACTIVITIES SHALL INCLUDE THE FOLLOWING ACTIVITIES DURING CONSTRUCTION AND UNTIL FINAL ACCEPTANCE:
1. WEEDING: MAINTAIN PLANTINGS AND TURF AS WEED FREE.
2. MULCHING: MAINTAIN MULCH AT TREES, PALMS, AND WITHIN PLANTING BEDS AT A 3" DEPTH.
3. PEST CONTROL: SPRAY AS REQUIRED TO KEEP PLANTINGS AND TURF FREE OF INSECTS AND DISEASE.
4. MOWING: MOW TURF AREAS AS NEEDED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
5. REPLACEMENT: REPLACE PLANTS OR SOD AREAS THAT ARE IN POOR CONDITION.
6. LITTER REMOVAL: REMOVE LITTER AND DEBRIS FROM LANDSCAPE AND TURF AREAS.
7. RESTORE PLANTING SAUCERS OF TREES AND SHRUBS.
8. TIGHTEN AND REPAIR STAKE AND GUY WIRE SUPPORTS, IF PRESENT, AND RESET TREES AND SHRUBS TO PROPER GRADES OF VERTICAL POSITION AS REQUIRED.
9. REMOVE ALL TREE STAKING, IF PRESENT, WITHIN ONE YEAR AFTER PLANTING.
3.8 REPLACEMENT OF EXISTING LANDSCAPE DAMAGED DURING PROJECT
A. ANY EXISTING VEGETATION, INCLUDING TREES AND SHRUBS, DAMAGED OR DESTROYED SHALL BE REPLACED OR MITIGATED BY THE CONTRACTOR WITH LIKE SPECIES OR ANOTHER SPECIES APPROVED BY THE OWNER'S REPRESENTATIVE. ANY AREA OF VEGETATION THAT IS DAMAGED DURING CONSTRUCTION WILL BE RESTORED TO ITS ORIGINAL STATE WITHIN 72 HOURS OF THE COMPLETION OF THE ASSOCIATED CONSTRUCTION WORK.
B. IF REMOVAL OF AN EXISTING TREE REQUIRES MITIGATION, THE CONTRACTOR SHALL BE HELD LIABLE FOR THE COMPLETE COST, INCLUDING BUT NOT LIMITED TO TREE REPLACEMENT COSTS AND PAYMENTS REQUIRED TO PERMITTING AGENCIES.
C. TREE REPLACEMENT SPECIES AND PROCEDURES SHALL BE DISCUSSED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF ACTIVITIES.
3.9 INSPECTION AND ACCEPTANCE
A. WHEN ALL LANDSCAPE WORK IS SUBSTANTIALLY COMPLETE, THE OWNER'S REPRESENTATIVE WILL, UPON REQUEST, MAKE A SUBSTANTIAL COMPLETION INSPECTION TO DETERMINE ACCEPTABILITY AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE OWNER'S REPRESENTATIVE WILL PRODUCE A WRITTEN PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS THAT SHALL BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
B. ONCE ITEMS OF THE PUNCH LIST ARE ADDRESSED, THE OWNER'S REPRESENTATIVE WILL CONDUCT A FINAL COMPLETION INSPECTION. IF NECESSARY, THE OWNER'S REPRESENTATIVE WILL PRODUCE A FINAL PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS TO BE ADDRESSED PRIOR TO FINAL ACCEPTANCE.
C. FINAL ACCEPTANCE WILL NOT BE ISSUED UNTIL ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ACCEPTED BY THE OWNER AND ALL SUBMITTALS HAVE BEEN MADE.
D. WORK MAY BE INSPECTED FOR ACCEPTANCE IN PORTIONS AS PHASES OF INSTALLATION ARE COMPLETED AND AS AGREEABLE TO THE OWNER'S REPRESENTATIVE, PROVIDED EACH PORTION OF WORK OFFERED FOR INSPECTION IS SUBSTANTIALLY COMPLETE.

END OF SECTION

Table with columns: DESIGN DEVELOPMENT SUBMITTAL, 90% CONSTRUCTION DOCUMENTS, NOT FOR CONSTRUCTION, REVISIONS, DATE, BY. Includes a grid for tracking document revisions.

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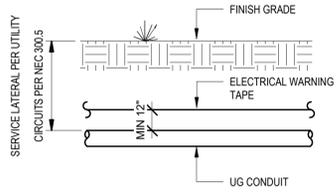
Licensed Professional information: KHA PROJECT 142107025, DATE JULY 2024, SCALE AS SHOWN, DESIGNED BY KHA, DRAWN BY SMM/WA, CHECKED BY EM/DAE. C. ELISABETH MANLEY, FLORIDA LICENSE NUMBER 6666722

IRRIGATION TECHNICAL SPECIFICATIONS

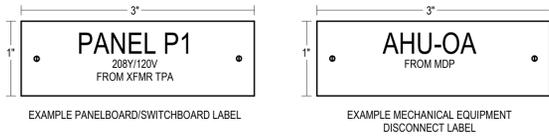
TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES FLORIDA

SHEET NUMBER L3.04

Vertical text on the left margin: K:\SOL-LA\142107025... Tom Petty Construction... This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

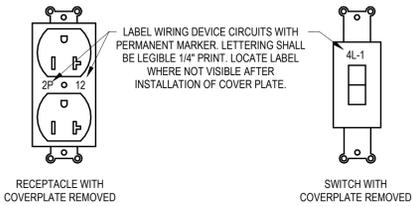


1 BURIED CONDUIT DETAIL
NOT TO SCALE



PROVIDE ENGRAVED PLASTIC TAG WITH 1/4" HIGH LETTERS. NORMAL POWER: BLACK LETTERS ON WHITE BACKGROUND. STANDBY POWER: WHITE LETTERS ON RED BACKGROUND. DIMENSIONS SHOWN ARE MINIMUM.

2 ELECTRICAL EQUIPMENT LABELING DETAIL
NOT TO SCALE



3 ELECTRICAL WIRING DEVICE LABEL DETAIL
NOT TO SCALE

LEGEND

- RECEPTACLE:**
 (D) DUPLEX RECEPTACLE. 18" AFF UNO.
 (S) SPECIAL PURPOSE RECEPTACLE. 18" AFF UNO. COORDINATE WITH EQUIPMENT.
- RECEPTACLE SUBSCRIPTS:**
 G GFCI-TYPE RECEPTACLE.
 GCB GFCI-TYPE POWER FROM BRANCH CIRCUIT BREAKER.
 WP WEATHER RESISTANT WIRING DEVICE. WP RECEPTACLES SHALL BE GFCI TYPE WITH IN-USE COVERS.
 6-30R NEMA RECEPTACLE TYPE.
- POWER EQUIPMENT AND CONNECTIONS:**
 [Symbol] DISTRIBUTION PANELBOARD.
 [Symbol] PANELBOARD.
 (E) ELECTRICAL CONNECTION TO EQUIPMENT. SEE ELECTRICAL EQUIPMENT SCHEDULE.
 (J) JUNCTION BOX.
 (P) PEDOC POWER POLE WITH TWO GFCI DUPLEX RECEPTACLES.
 [Symbol] SAFETY SWITCH. MOUNT AS INDICATED. 60" TO TOP UNO.
 [Symbol] FUSED SAFETY SWITCH. MOUNT AS INDICATED. 60" TO TOP UNO.
- LIGHT FIXTURES:**
 LIGHT FIXTURES SHALL BE AS INDICATED IN LIGHT FIXTURE SCHEDULE. SEE LIGHT FIXTURE SCHEDULE.
- LIGHT FIXTURES SUBSCRIPTS:**
 a,b LOWERCASE LETTERS INDICATE SWITCHING/DIMMING ZONES.
 DL DAYLIGHT SENSOR DIMMED.
 24/7 LIGHT NOT SWITCHED BY OCCUPANCY SENSORS OR SWITCHES.
 EM PARTIAL SHADING OR 'EM' SUBSCRIPT INDICATES EMERGENCY FIXTURE. SEE LIGHT FIXTURE SCHEDULE.
- LIGHTING CONTROLS:**
 \$ TOGGLE SWITCH. 46" AFF UNO.
 [Symbol] 120/277V 20A PHOTOCELL.
 [Symbol] 120/277V LIGHTING CONTACTOR. BOD: ENCLOSED SQUARE D CLASS 8903 WITH HOA SWITCH.
 [Symbol] 120/277V ASTRONOMICAL TIME CLOCK. BOD: PARAGON SUNTRACKER II.
- LIGHTING CONTROLS SUBSCRIPTS:**
 2 2-POLE TOGGLE SWITCH.
 3 3-WAY TOGGLE SWITCH.
 4 4-WAY TOGGLE SWITCH.
 a,b LOWERCASE LETTERS INDICATE SWITCHING/DIMMING ZONES.
- ANNOTATIONS:**
 (1) ELECTRICAL SHEET NOTE.
 (AH/111) MECHANICAL EQUIPMENT TAG.
- GENERAL SUBSCRIPTS (APPLY TO ALL CATEGORIES):**
 2P1A ELECTRICAL EQUIPMENT TAG.
 GCB FED FROM GFCI TYPE CIRCUIT BREAKER.
 72" INDICATES HEIGHT OF FIXTURE, RECEPTACLE, BOX, CABINET, ETC. HEIGHT IS TO CENTERLINE UNLESS OTHERWISE INDICATED.
 WP WEATHERPROOF INSTALLATION, WITH APPROPRIATELY LISTED OR INDICATED PRODUCTS.
 A-1 ELECTRICAL HOME RUN TO PANELBOARD. UNDERLINED LABEL INDICATES PANELBOARD NAME AND CIRCUIT NUMBER. UNLESS INDICATED OTHERWISE, DEFAULT WIRING IS #12 & #12C. PROVIDE CONDUCTORS AS NEEDED FOR INDICATED SWITCHED LEGS, ZONES, ETC. SEE ELECTRICAL EQUIPMENT SCHEDULE FOR SPECIFIC CIRCUIT SIZING.

GRU PLANNING AND INSPECTIONS

- WORK SHALL BE PLANNED WITH GRU PRIOR TO COMMENCEMENT. BEFORE BACKFILL AND CONCRETE POURING. INSTALLATION SHALL BE INSPECTED AND APPROVED BY GRU, SUCH AS DEPTH OF COVER AND LOCATION OF CONDUITS, STUBS, PULLBOX INSTALLATION, CONCRETE BASE FRAMING, ETC.

LIGHTING POLES AND CIRCUITS

- IN-GRADE ENCLOSURES AND CONDUITS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
- POLES, LIGHT FIXTURES, WIRES AND TERMINATIONS SHALL BE PROVIDED.

LOCATES AND UG WORK

- PRIOR TO ANY WORK PROVIDE LOCATES ALONG TRENCHING AND DIRECTIONAL BORING PATHS.
- PROVIDE MANUAL DIGGING WHERE MECHANICAL DIGGING POSES RISK OF DAMAGE TO EXISTING UG UTILITIES.

ABBREVIATIONS

- A AMPS
 AC ALTERNATING CURRENT
 AFCI ARC FAULT CIRCUIT INTERRUPTER
 AFF ABOVE FINISHED FLOOR
 AFG ABOVE FINISHED GRADE
 AIC AMPS INTERRUPTING CAPACITY
 Al ALUMINUM
 AWG AMERICAN WIRE GAUGE
 BJ BONDING JUMPER
 BOD BASIS OF DESIGN
 C DEGREES CELSIUS
 C CONDUIT
 CB CIRCUIT BREAKER
 CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
 CFOI CONTRACTOR FURNISHED, OWNER INSTALLED
 CKT CIRCUIT
 Cu COPPER
 CU CONDENSING UNIT
 DC DIRECT CURRENT
 DIV DIVISION
 ECB ENCLOSED CIRCUIT BREAKER
 EGC EQUIPMENT GROUNDING CONDUCTOR
 EOR ENGINEER OF RECORD
 FSS FUSED SAFETY SWITCH
 G GROUND
 G GFCI-TYPE (WHEN LABELING RECEPTACLES)
 GCB GFCI CIRCUIT BREAKER
 GEC GROUNDING ELECTRODE CONDUCTOR
 GFCI GROUND FAULT CIRCUIT INTERRUPTER
 GFI GROUND FAULT CIRCUIT INTERRUPTER
 GND GROUND
 GRU GAINESVILLE REGIONAL UTILITIES
 LB(S) POUND(S)
 lm LUMEN
 LSI LONG, SHORT, INSTANTANEOUS
 LSIg LONG, SHORT, INSTANTANEOUS, GROUND-FAULT LIGHTING
 LTG LIGHTING
 LTS LIGHTS
 MCA MINIMUM CIRCUIT AMPACITY
 MCCB MOLDED CASE CIRCUIT BREAKER
 MBJ MAIN BONDING JUMPER
 MCP MAXIMUM OVERCURRENT PROTECTION
 N1 NEMA 1
 N3R NEMA 3R
 NEU NEUTRAL
 OCP OVERCURRENT PROTECTION
 OFI OWNER FURNISHED, CONTRACTOR INSTALLED
 OFOI OWNER FURNISHED, OWNER INSTALLED
 OH OVERHEAD
 PBD PANELBOARD
 P&C PLUG AND CORD
 PQM POWER QUALITY METER
 SCOR SHORT CIRCUIT CURRENT RATING
 SCHEDULE SCHEDULE
 SBJ SYSTEM BONDING JUMPER
 SS SAFETY SWITCH
 SS STAINLESS STEEL
 SSBJ SUPPLY SIDE BONDING JUMPER
 SPD SURGE PROTECTIVE DEVICE
 SWBD SWITCHBOARD
 TBD TO BE DETERMINED
 TM THERMAL MAGNETIC
 TR TAMPER RESISTANT
 TS TOGGLE SWITCH
 TYP TYPICAL
 UG UNDERGROUND
 UNO UNLESS NOTED OTHERWISE
 USB UNIVERSAL SERIAL BUS
 V VOLTS
 VA VOLT AMPS
 W WATTS
 WP WEATHER PROOF/WEATHER RESISTANT
 WR WEATHER PROOF/WEATHER RESISTANT
 WRT WITH RESPECT TO
 WSR WITHSTAND RATING

CODES AND STANDARDS

ALL PROJECT WORK SHALL BE GOVERNED BY AND ADHERE TO THE FOLLOWING CODES AND STANDARDS.

- FLORIDA BUILDING CODE - EIGHTH EDITION (2023)
- FLORIDA BUILDING CODE - EIGHTH EDITION (2023) - ENERGY CONSERVATION
- FLORIDA FIRE PREVENTION CODE - EIGHTH EDITION (2023)
 - FIRE CODE (NFPA 1 - 2021 FLORIDA EDITION)
 - LIFE SAFETY CODE (NFPA 101 - 2021 FLORIDA EDITION)
- NATIONAL ELECTRIC CODE (2020 NFPA 70)
- UNDERWRITERS' LABORATORIES (UL)
- AMERICAN NATIONAL STANDARDS INSTITUTION (ANSI)
- AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
- NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
- INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
- NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA)
- ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA)
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
- ELECTRONICS INDUSTRY ALLIANCE (EIA)



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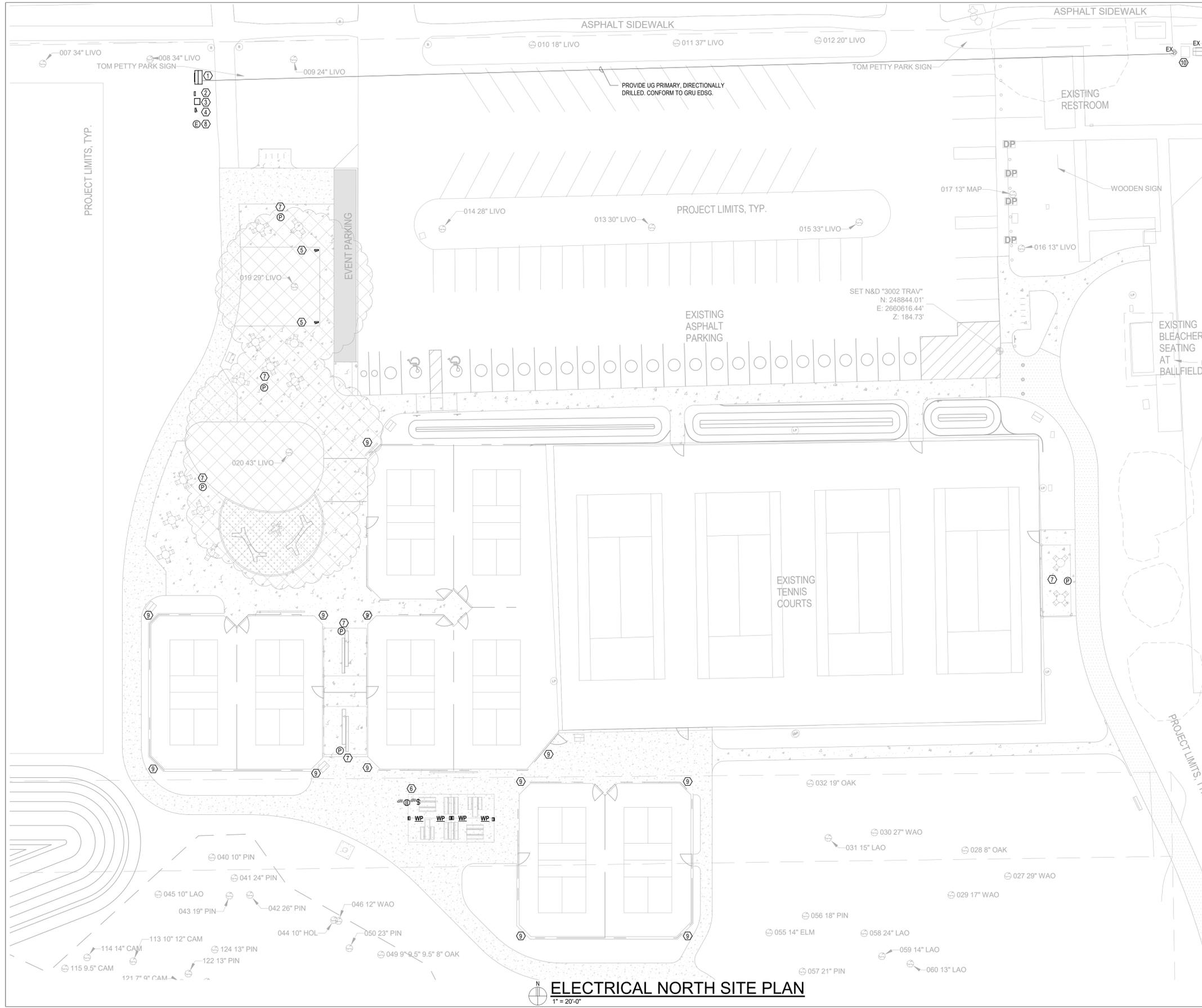
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KHA PROJECT	142107025
DATE	JULY 2024
DESIGNED BY	BNF
DRAWN BY	BNF
CHECKED BY	APM

ELECTRICAL LEGEND, CODES, & ABBREVIATIONS

TOM PETTY PARK IMPROVEMENTS
 PREPARED FOR
 CITY OF GAINESVILLE
 FLORIDA

SHEET NUMBER
E001



SHEET NOTES

- 1 PROVIDE 480Y/277V 3 PHASE PAD MOUNT UTILITY TRANSFORMER.
- 2 PROVIDE 480Y/277V 400A NEMA 3R MCB PANELBOARD. MOUNT ON CONCRETE POST AND STRUT RACK NEXT TO NEW TRANSFORMER.
- 3 PROVIDE 75KVA NEMA 3R 480Y/277V PRIMARY 208Y/120V SECONDARY.
- 4 PROVIDE 208Y/120V 3 PHASE 4 WIRE 225A NEMA 3R MCB PANELBOARD. MOUNT ON UNISTRUT RACK.
- 5 PROVIDE MILBANK U520-XL-75 125A DOUBLE SIDED POWER PEDESTAL. PROVIDE 3#1, 1#6G IN 1-1/2" C FROM 2DS.
- 6 INSTALL DEVICES ON WOOD COLUMN OF PAVILION.
- 7 INSTALL POWER PEDESTAL NEXT TO CONCRETE PAD NEAR SEATING AREA.
- 8 LIGHTING VENDOR CONTROL PANEL. COORDINATE LOCATION WITH LIGHTING VENDOR DESIGN TEAM.
- 9 SPORTS LIGHTING VENDOR POLE LIGHT. PROVIDE #10, 1#10 G IN 3/4" C TO EACH POLE LOCATION. COORDINATE ALL POLE LOCATIONS WITH LIGHTING VENDOR DESIGN TEAM.
- 10 EXISTING CRU PRIMARY METER AND EXISTING SITE TRANSFORMER.

NO.	REVISIONS	DATE	BY
05-21-24			
07-02-24			

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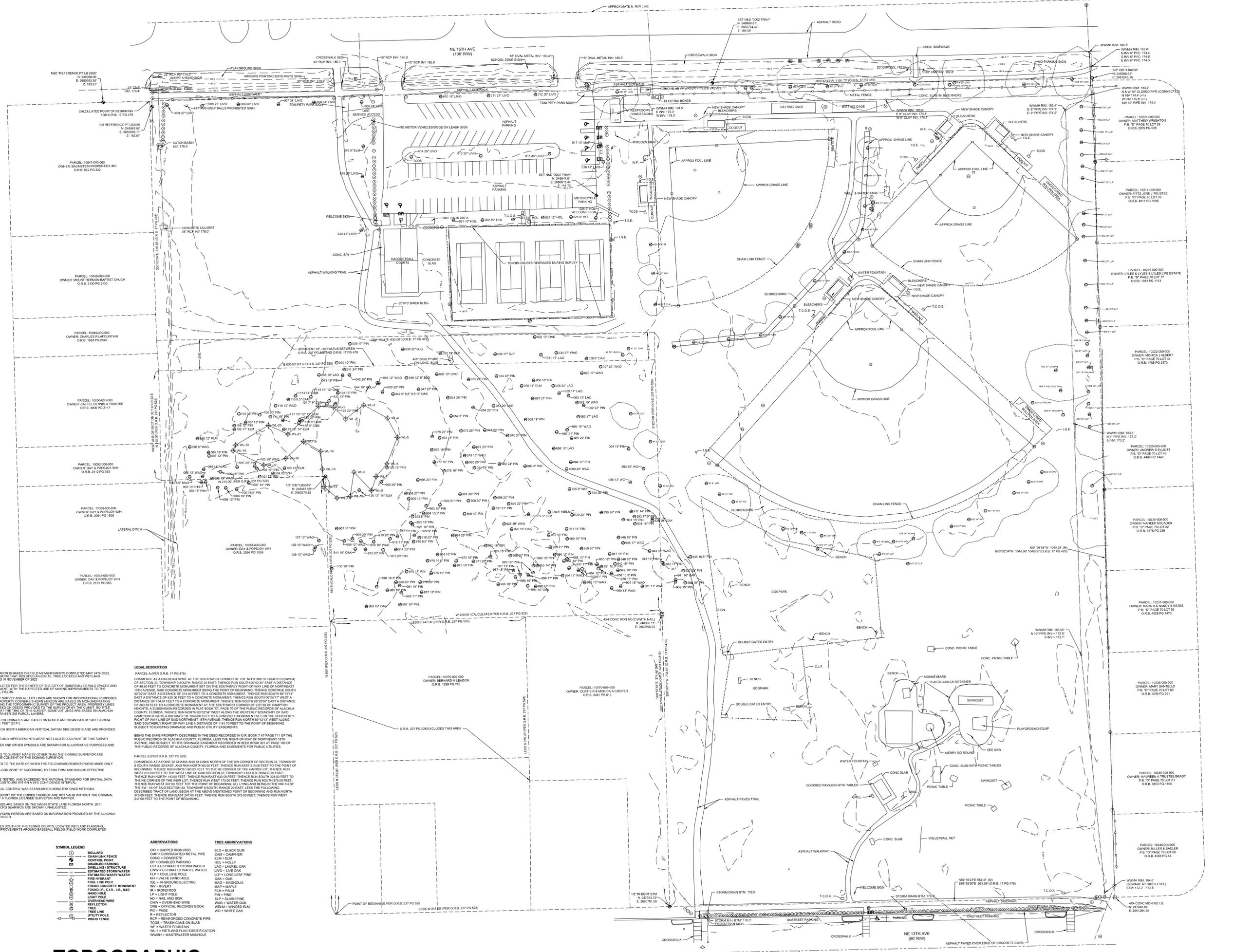
ELECTRICAL SITE PLAN

TOM PETTY PARK IMPROVEMENTS
 PREPARED FOR
CITY OF GAINESVILLE
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SHEET NUMBER
E101

ELECTRICAL NORTH SITE PLAN
 1" = 20'-0"



- SURVEYOR'S NOTES**
1. THE SURVEY SHOWN HEREON IS BASED ON FIELD MEASUREMENTS COMPLETED MAY 24TH 2022, WITH ADDITIONAL FIELD WORK THAT IS INCLUDED AS A RESULT OF THIS SURVEY. THE LOCATION AND WETLAND DELINEATION OCCURRING IN NOVEMBER OF 2022.
 2. THIS SURVEY WAS COMPLETED FOR THE BENEFIT OF THE CITY OF GAINESVILLE'S WILD SPACES AND PUBLIC SAFETY DEPARTMENT, WITH THE EXPECTED USE OF MARKING IMPROVEMENTS TO THE BARRIALL AND SOFTBALL FIELDS.
 3. THIS IS NOT A BOUNDARY SURVEY AND ALL LOT LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ANY PRELIMINARY PROPERTY CORNERS SHOWN HEREON ARE BASED ON DOCUMENTATION CONSIDERED RELIABLE BY THE SURVEYOR AT THE TIME OF THIS SURVEY. NO TITLE SEARCH WAS PERFORMED ON THIS SURVEY. SOME LOT LINES ARE BASED ON ALACHUA COUNTY PROPERTY APPRAISAL RECORDS.
 4. NORTHING AND EASTING COORDINATES ARE BASED ON NORTH AMERICAN DATUM 1983 FLORIDA STATE PLANE NORTH U.S. FEET (2011).
 5. ELEVATION DATA IS BASED ON NORTH AMERICAN DATUM 1983 GEOID 18 AND ARE PROVIDED IN U.S. FEET.
 6. UNDERGROUND UTILITIES AND IMPROVEMENTS WERE NOT LOCATED AS PART OF THIS SURVEY.
 7. FENCES, OVERHEAD WIRES AND OTHER SYMBOLS ARE SHOWN FOR ILLUSTRATIVE PURPOSES AND ARE NOT TO SCALE.
 8. ADDITIONS OR DELETIONS TO SURVEY MAPS BY OTHER THAN THE SIGNING SURVEYOR ARE PROHIBITED WITHOUT THE CONSENT OF THE SIGNING SURVEYOR.
 9. THIS SURVEY IS CERTIFIED TO THE DATE OF WHEN THE FIELD MEASUREMENTS WERE MADE ONLY.
 10. TOPOGRAPHIC DATA WAS TESTED AND EXCEEDED THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY FOR 1:5000 SCALE WITH A 95% CONFIDENCE INTERVAL.
 11. HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED USING RTK GNSS METHODS.
 12. THE SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A LICENSED SURVEYOR AND MAPPER.
 13. FIELD MEASURED BENCHMARKS ARE BASED ON THE NAD83 STATE PLANE FLORIDA NORTH 2011 ADJUSTMENT. SEE RECORD DRAWINGS FOR BENCHMARK IDENTIFICATION.
 14. RIGHT-OF-WAY WIDTHS SHOWN HEREON ARE BASED ON INFORMATION PROVIDED BY THE ALACHUA COUNTY PROPERTY APPRAISER.
 15. REVISION HISTORY:
 - 15.1 22-077-1 ACDED TREES SOUTH OF THE TENNIS COURTS LOCATED WETLAND FLAGGED. (PROVIDE RECORD DRAWINGS AND WETLAND FIELD WORK COMPLETED 11/30/23) - B. MURPHY

LEGAL DESCRIPTION

PARCEL A (PER O.R.B. 237 PG 478)

COMMENCE AT A RAILROAD SPIKE AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 33, TOWNSHIP 9 SOUTH, RANGE 20 EAST, LESS A DISTANCE OF 48.60 FEET TO CONCRETE MONUMENT SET ON THE SOUTHERLY RIGHT-OF-WAY LINE OF NORTHEAST 16TH AVENUE, SAID CONCRETE MONUMENT BEING THE POINT OF BEGINNING, THENCE CONTINUE SOUTH 07°23' EAST A DISTANCE OF 315.40 FEET TO A CONCRETE MONUMENT, THENCE RUN SOUTH 89°19'14" EAST A DISTANCE OF 430.00 FEET TO A CONCRETE MONUMENT, THENCE RUN SOUTH 07°23' WEST A DISTANCE OF 104.81 FEET TO A CONCRETE MONUMENT, THENCE RUN SOUTH 89°19'14" EAST A DISTANCE OF 430.00 FEET TO THE SOUTHWEST CORNER OF LOT 66 OF HAMPTON HEIGHTS, A SUBDIVISION RECORDED IN PLAT BOOK 707, PAGE 70 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, THENCE NORTH 07°23' WEST ALONG THE WESTERLY BOUNDARY OF SAID HAMPTON HEIGHTS A DISTANCE OF 156.06 FEET TO A CONCRETE MONUMENT SET ON THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID NORTHEAST 16TH AVENUE, THENCE RUN NORTH 89°19'14" WEST ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE A DISTANCE OF 119.13 FEET TO THE POINT OF BEGINNING, SUBJECT TO EXISTING DRAINAGE AND PUBLIC UTILITY EASEMENTS.

BEING THE SAME PROPERTY DESCRIBED IN THE DEED RECORDED IN O.R. BOOK 711 AT PAGE 711 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, LESS THE RIGHT-OF-WAY OF NORTHEAST 16TH AVENUE, AND SUBJECT TO THE DRAINAGE EASEMENT RECORDED IN DEED BOOK 301 AT PAGE 189 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA AND EASEMENTS FOR PUBLIC UTILITIES.

PARCEL B (PER O.R.B. 237 PG 528)

COMMENCE AT A POINT 37.00 CHAINS AND 8.00 LIGS NORTH OF THE SW CORNER OF SECTION 33, TOWNSHIP 9 SOUTH, RANGE 20 EAST, AND RUN NORTH 89°00'00" FEET; THENCE RUN EAST 10.00 FEET TO THE POINT OF BEGINNING, THENCE RUN NORTH 89°00'00" FEET TO THE NE CORNER OF THE BARROTT LOT, THENCE RUN WEST 719.00 FEET TO THE WEST LINE OF SAID SECTION 33, TOWNSHIP 9 SOUTH, RANGE 20 EAST, THENCE RUN NORTH 18°33'00" FEET, THENCE RUN EAST 80.00 FEET, THENCE RUN SOUTH 228.00 FEET TO THE NE CORNER OF THE WEAVER LOT, THENCE RUN WEST 173.00 FEET, THENCE RUN SOUTH 215.00 FEET, THENCE RUN WEST 18.00 FEET TO THE POINT OF BEGINNING, ALL HAVING BEEN RUN ON THE 1/8" = 100' SCALE OF SAID SECTION 33, TOWNSHIP 9 SOUTH, RANGE 20 EAST, LESS THE FOLLOWING DESCRIBED TRACT OF LAND, BEGIN AT THE ABOVE MENTIONED POINT OF BEGINNING AND RUN NORTH 37°00'00" FEET, THENCE RUN EAST 247.00 FEET, THENCE RUN SOUTH 375.00 FEET, THENCE RUN WEST 247.00 FEET TO THE POINT OF BEGINNING.

SYMBOL LEGEND		ABBREVIATIONS		TREE ABBREVIATIONS	
	BOLLARD	CR = CAPRIED IRON ROD	BLG = BLACK GLUM	CA = CAMBIER	ELM = ELM
	CHAIN LINK FENCE	CP = CORRUGATED METAL PIPE	CAH = CAMBIER	ELM = ELM	HOL = HOLLY
	CONTROL POINT	CONC = CONCRETE	LAO = LAUREL OAK	LAD = LAUREL OAK	LIP = LONG LEAF PINE
	DISABLED PARKING	DP = DOUBLE PARKING	LAD = LAUREL OAK	LAD = LAUREL OAK	LIP = LONG LEAF PINE
	DWELLING STRUCTURE	EST = ESTIMATED STORM WATER	LAD = LAUREL OAK	LAD = LAUREL OAK	LIP = LONG LEAF PINE
	ESTIMATED STORM WATER	EW = ESTIMATED WASTE WATER	LIP = LONG LEAF PINE	LIP = LONG LEAF PINE	LIP = LONG LEAF PINE
	ESTIMATED WASTE WATER	FLP = FOUL LINE POLE	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	FOLI LINE POLE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	FOUND CONCRETE MONUMENT	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	FOUND IR, C.I.R., I.R., NAD	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	LIGHT POLE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	OVERHEAD WIRE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	REFLECTOR	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	TREE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	UTILITY POLE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC
	WOOD FENCE	IR = IRON ROD	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC	IP = IN-GROUND ELECTRIC

TOPOGRAPHIC SURVEY

OF TOM PETTY PARK
(FORMERLY NORTHEAST PARK)
LOCATED IN GAINESVILLE, FL
SECTION 33 TOWNSHIP 9 SOUTH RANGE 20 EAST
ALACHUA COUNTY, FLORIDA

3002 SURVEYING
10201 NW 26th Avenue, Gainesville, FL 32609
352-355-0007

THE MAP OF THE PROPERTY DESCRIBED HEREON WAS MADE UNDER MY SUPERVISION AND THE MAP OF SURVEY FURTHER MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE STATE OF FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS IN CHAPTER 461.05, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 462.02, FLORIDA STATUTES, AND THE MAP OF SURVEY SHOWN HEREON IS A TRUE AND ACCURATE REPRESENTATION THEREOF TO THE BEST OF MY KNOWLEDGE, BEING SUBJECT TO NOTES AND NOTATIONS SHOWN HEREON.

Florida Business License No. LB8313
B. E. Murphy
Professional Surveyor & Mapper No. 76333

CERTIFIED TO:

DATE: 07/11/2023
BY: B. E. MURPHY
Professional Surveyor & Mapper No. 76333